

Supplementary Table S1 81 differentially expressed lincRNAs between PTC tissues and normal tissues.

Gene		logFC	AveExpr	t	P. Value	adj. P. Val	B
ENSG00000271367.1	lincRNA RP3-483K16.4	-1.769286065	0.736696324	-26.84685983	1.00E-94	1.41E-90	205.3656269
ENSG00000227199.1	antisense ST7-AS1	-1.137189039	1.270074573	-20.17860879	1.39E-64	4.27E-62	136.3523681
ENSG00000223914.1	lincRNA AC079630.2	3.409080522	3.322322966	19.44396132	3.11E-61	6.85E-59	128.6824279
ENSG00000260912.1	sense_overlapping RP11-363E7.4	1.256643429	2.509948871	17.78672574	1.02E-53	1.02E-51	111.4752572
ENSG00000256268.1	lincRNA RP11-221N13.3	1.566270601	1.486207192	17.52417742	1.54E-52	1.40E-50	108.7684892
ENSG00000204282.4	processed_transcript TNRC6C-AS1	1.84118627	2.428052169	17.48244822	2.38E-52	2.12E-50	108.3389098
ENSG00000261399.1	antisense LA16c-329F2.1	-2.403315424	1.300329693	-17.35147845	9.22E-52	7.83E-50	106.9918349
ENSG00000228559.1	lincRNA RP3-340B19.3	-1.427397245	2.115193451	-17.23595478	3.04E-51	2.35E-49	105.8051762
ENSG00000225194.2	lincRNA LINC00092	-1.354664018	1.05195302	-16.71969494	6.18E-49	4.18E-47	100.5214932
ENSG00000234807.5	lincRNA LINC01135	-1.0302224	1.105129725	-16.24990632	7.54E-47	4.23E-45	95.7443212
ENSG00000235070.3	lincRNA AC068138.1	-2.554825414	1.29521261	-16.20599868	1.18E-46	6.53E-45	95.29950056
ENSG00000249684.4	antisense RP11-423H2.3	-1.334737048	0.906503625	-16.18693492	1.43E-46	7.85E-45	95.10646225
ENSG00000250343.1	antisense CTC-255N20.1	1.402144191	1.62064758	15.98462666	1.12E-45	5.76E-44	93.06146794
ENSG00000255020.1	antisense AF131216.5	-1.920251189	1.010284473	-15.56783483	7.59E-44	3.50E-42	88.87017487
ENSG00000268307.1	lincRNA CTD-2619J13.13	2.082546785	2.267319761	15.3670549	5.72E-43	2.45E-41	86.86234781
ENSG00000204934.9	antisense ATP6VOE2-AS1	-1.134862301	0.864833292	-15.21797922	2.55E-42	1.04E-40	85.37660642
ENSG00000260992.1	antisense DOCK9-AS2	1.59211884	3.672384205	15.13538951	5.83E-42	2.27E-40	84.55540119
ENSG00000232415.1	antisense CTB-51J22.1	-1.101614898	1.657122269	-15.07105021	1.11E-41	4.18E-40	83.91663107
ENSG00000272482.1	lincRNA RP11-474021.5	3.278904782	3.947554566	15.00898353	2.06E-41	7.54E-40	83.30124049
ENSG00000263470.1	lincRNA RP11-16005.1	-1.107220182	1.329090931	-14.8190155	1.36E-40	4.67E-39	81.42281659
ENSG00000231107.1	lincRNA LINC01508	-1.032354727	0.959168145	-14.71000017	4.02E-40	1.32E-38	80.34843601
ENSG00000254343.2	lincRNA RP11-760H22.2	-1.796754995	3.145424364	-14.7091812	4.05E-40	1.32E-38	80.34037488
ENSG00000272622.1	lincRNA RP11-395N3.2	-1.123368627	1.019113451	-14.47446726	4.12E-39	1.23E-37	78.036449
ENSG00000273132.1	antisense RP11-350J20.12	1.731898721	1.695274864	14.41530895	7.37E-39	2.17E-37	77.45780221
ENSG00000235978.5	antisense AC018816.3	1.397539599	1.608152292	14.24688917	3.85E-38	1.08E-36	75.81509396
ENSG00000225342.2	antisense AC079630.4	2.35915315	2.854220961	14.24011786	4.12E-38	1.15E-36	75.74919563
ENSG00000264608.1	sense_intronic RP11-192H23.8	-1.280589195	1.633766817	-13.92177522	9.18E-37	2.28E-35	72.66433518
ENSG00000267268.1	lincRNA AC007204.2	-1.961876937	1.454642954	-13.82082639	2.45E-36	5.83E-35	71.69168215
ENSG00000228216.1	lincRNA RP11-367F23.1	-1.217079797	0.917601471	-13.35202342	2.22E-34	4.54E-33	67.21208474
ENSG00000237187.7	antisense NR2F1-AS1	1.235702101	1.43934253	13.31499661	3.17E-34	6.34E-33	66.86100502
ENSG00000182109.6	antisense RP11-69E11.4	-2.051686517	1.936425567	-13.27815053	4.50E-34	8.89E-33	66.51204906
ENSG00000226786.2	antisense RP1-167F1.2	-1.234909267	1.485082001	-13.20070249	9.41E-34	1.83E-32	65.77991283
ENSG00000270000.1	lincRNA RP3-449M8.9	1.282226796	1.875454747	13.19947094	9.52E-34	1.85E-32	65.76828548
ENSG00000186594.11	lincRNA MIR22HG	-1.385567601	3.107212195	-13.1340589	1.77E-33	3.37E-32	65.15139111
ENSG00000177133.9	antisense LINC00982	-1.237949713	1.182659054	-12.99279761	6.75E-33	1.22E-31	63.82374176
ENSG00000256969.1	lincRNA RP11-320N7.2	1.285406266	1.452739037	12.99140393	6.84E-33	1.24E-31	63.81067473
ENSG00000251615.3	lincRNA RP11-77403.3	-1.10453698	1.86399523	-12.9857821	7.21E-33	1.30E-31	63.75797127
ENSG00000274565.1	antisense CTD-3035K23.7	1.191867002	1.227742488	12.77221966	5.38E-32	9.08E-31	61.76346158
ENSG00000224020.1	antisense MIR181A2HG	1.382505118	2.604212168	12.67095709	1.39E-31	2.30E-30	60.82301845
ENSG00000258844.1	lincRNA RP11-259K15.2	1.170292641	1.990009551	12.62575954	2.12E-31	3.46E-30	60.4043791
ENSG00000259330.1	antisense INAFM2	-1.158882225	4.861747246	-12.56325946	3.79E-31	6.04E-30	59.82662736
ENSG00000261488.1	antisense RP11-757F18.5	-1.065691194	1.29069129	-12.27118743	5.65E-30	8.22E-29	57.14483563
ENSG00000197301.6	antisense RP11-366L20.2	1.003554286	1.154345228	11.93616779	1.21E-28	1.59E-27	54.10694979
ENSG00000261786.1	lincRNA RP4-555D20.2	-1.568984326	2.136214042	-11.91292728	1.49E-28	1.95E-27	53.8977815
ENSG00000272079.2	lincRNA LA16c-380H5.5	1.204933898	2.22110197	11.89635641	1.73E-28	2.24E-27	53.74876821
ENSG00000225285.1	lincRNA RP4-758J18.10	1.196971045	1.384440969	11.8959714	1.74E-28	2.25E-27	53.74530731
ENSG00000267128.1	antisense RP11-449J21.5	-1.015664129	0.850362289	-11.8743333	2.12E-28	2.72E-27	53.55088994
ENSG00000237463.4	antisense RP11-28001.2	1.887255488	1.675174123	11.76636745	5.61E-28	7.00E-27	52.58354853
ENSG00000260943.1	lincRNA RP11-476D10.1	2.172365487	2.019923606	11.74543787	6.78E-28	8.38E-27	52.39655582
ENSG00000258999.1	antisense RP11-114N19.3	-1.011600756	1.804760641	-11.74049713	7.08E-28	8.73E-27	52.35243866
ENSG00000260057.4	lincRNA LINC01571	-1.512952062	2.226127324	-11.73949405	7.15E-28	8.80E-27	52.34348304
ENSG00000237512.5	antisense UNC5B-AS1	1.193795764	1.110953375	11.72899193	7.86E-28	9.65E-27	52.24974327
ENSG00000259884.1	lincRNA RP11-1100L3.8	-1.375684319	1.237021327	-11.72764279	7.95E-28	9.75E-27	52.23770426
ENSG00000245571.5	lincRNA AP001258.4	1.00239138	2.654602435	11.60979432	2.29E-27	2.68E-26	51.18889654
ENSG00000233705.5	antisense SLC26A4-AS1	-3.327915121	4.1856708	-11.54506	4.09E-27	4.70E-26	50.61516988
ENSG00000260011.2	lincRNA RP13-20L14.1	-1.040582427	0.735945841	-11.34067058	2.51E-26	2.71E-25	48.81503594
ENSG00000259005.1	lincRNA RP3-449M8.6	1.032437848	1.432775603	11.27764435	4.38E-26	4.62E-25	48.26347092
ENSG00000171889.3	sense_overlapping MIR31HG	1.384333484	1.781604741	11.20986571	7.95E-26	8.26E-25	47.67220525
ENSG00000223813.2	antisense AC007255.8	1.805596472	1.732681989	11.18855563	9.59E-26	9.89E-25	47.48671493
ENSG00000214797.3	lincRNA RP11-1036E20.9	1.418603909	1.272745651	10.95339734	7.47E-25	7.28E-24	45.45297995
ENSG00000259264.4	antisense RP11-60L3.1	1.07872058	0.958442661	10.89925496	1.19E-24	1.15E-23	44.98820926
ENSG00000272384.1	lincRNA RP11-44N11.2	1.480607659	1.528525999	10.61200088	1.41E-23	1.25E-22	42.54471701
ENSG00000257647.1	lincRNA RP11-701H24.3	-1.076661339	1.542450713	-10.51555964	3.19E-23	2.78E-22	41.73296954
ENSG00000276851.1	lincRNA RP5-875H18.9	1.41761832	1.531874902	10.4888899	4.00E-23	3.44E-22	41.50926969
ENSG00000271347.1	sense_intronic RP11-701H24.7	-1.029583067	2.198055002	-10.17216164	5.71E-22	4.49E-21	38.87898901
ENSG00000257849.1	lincRNA RP11-547C5.1	1.157874007	1.084924173	9.967068132	3.11E-21	2.30E-20	37.20238975
ENSG00000274877.1	antisense RP11-65I12.1	-1.197377805	1.803157558	-9.890653094	5.81E-21	4.22E-20	36.58320578
ENSG00000229116.2	lincRNA RP11-20J15.3	1.180112063	1.248243217	9.789948473	1.32E-20	9.31E-20	35.77183878
ENSG00000216921.6	lincRNA AC131097.4	-1.205672202	1.331959305	-9.703184291	2.67E-20	1.84E-19	35.07706267
ENSG00000259417.2	lincRNA LINC01314	1.535295404	1.807003314	9.217256437	1.27E-18	7.73E-18	31.26120735
ENSG00000272043.1	lincRNA RP11-44N11.3	1.078542162	1.109718314	9.121168269	2.68E-18	1.59E-17	30.52221305
ENSG00000259104.2	lincRNA PTCSC3	-1.44823819	5.055713115	-9.06506952	4.13E-18	2.42E-17	30.09320737

ENSG00000224568.1	lincRNA AC096669.3	-1.712258672	1.568430047	-8.912395221	1.34E-17	7.49E-17	28.93487206
ENSG00000270069.1	lincRNA MIR222HG	1.191142759	2.559568307	8.665169972	8.69E-17	4.59E-16	27.08828838
ENSG00000267108.1	lincRNA RP11-861E21.1	1.032165018	1.295600355	8.431792479	4.92E-16	2.44E-15	25.37898236
ENSG00000259342.1	antisense RP11-519G16.5	1.151413094	1.420997449	8.430576256	4.96E-16	2.46E-15	25.37016218
ENSG00000225969.1	antisense ABHD11-AS1	1.280176451	2.347852109	8.309268495	1.21E-15	5.83E-15	24.49505446
ENSG00000178947.8	lincRNA LINC00086	1.267685355	3.44225135	8.269445459	1.61E-15	7.69E-15	24.20978391
ENSG00000278044.1	lincRNA XXbac-B33L19.12	1.018804982	1.013781274	7.581005009	2.05E-13	8.27E-13	19.44020067
ENSG00000260997.1	sense_overlapping RP4-647J21.1	1.188067145	1.532534935	6.923087173	1.57E-11	5.42E-11	15.18243718
ENSG00000229457.1	lincRNA AC006227.1	-1.118388419	1.138959833	-6.629575289	9.88E-11	3.20E-10	13.3828336

Supplementary Table S2 56 lncRNAs associated with m6A RNA methylation

lncRNA	m6A_genes	cor	p. value
SLC26A4-AS1	IGF2BP2	-0.505442574	0
SLC26A4-AS1	ALKBH5	0.553949739	0
AC068138.1	YTHDC1	0.521163594	6.14E-32
AC068138.1	IGF2BP3	0.507973802	3.56E-30
AC068138.1	FTO	0.522717766	3.76E-32
LA16c-329F2.1	IGF2BP2	-0.578655974	1.34E-40
LA16c-329F2.1	ALKBH5	0.570515765	2.87E-39
AC007204.2	YTHDC1	0.627512969	1.94E-49
AC007204.2	METTL14	0.531093739	2.56E-33
AC007204.2	FTO	0.537285226	3.35E-34
AC007204.2	ALKBH5	0.517934348	1.69E-31
AF131216.5	IGF2BP2	-0.589515922	1.95E-42
AF131216.5	ALKBH5	0.579273961	1.06E-40
RP11-760H22.2	IGF2BP2	-0.551709847	0
RP4-555D20.2	YTHDC1	0.542828147	0
RP4-555D20.2	METTL3	0.575022198	0
PTCSC3	YTHDC1	0.515590685	3.49E-31
RP3-340B19.3	IGF2BP2	-0.524958938	0
LINC00092	IGF2BP2	-0.570637019	0
RP11-423H2.3	IGF2BP2	-0.61378203	0
LINC00982	METTL3	0.504629564	0
RP1-167F1.2	YTHDC1	0.541180284	0
RP1-167F1.2	METTL3	0.510455524	0
RP1-167F1.2	FTO	0.507037107	0
RP11-367F23.1	IGF2BP3	0.547129691	1.21E-35
AC131097.4	IGF2BP2	-0.533139748	1.32E-33
RP11-65I12.1	YTHDC1	0.612378552	0
RP11-65I12.1	YTHDC2	0.684352386	0
RP11-65I12.1	ZC3H13	0.603092333	0
RP11-65I12.1	METTL3	0.530107484	0
RP11-65I12.1	FTO	0.552677743	0
INAFM2	IGF2BP2	-0.501853953	0
INAFM2	ALKBH5	0.568076575	0
ST7-AS1	IGF2BP2	-0.52713245	0
ATP6VOE2-AS1	IGF2BP2	-0.617445542	0
ATP6VOE2-AS1	ALKBH5	0.510279079	0
RP11-395N3.2	YTHDC1	0.519683164	0
RP11-395N3.2	ALKBH5	0.545976364	0
AC006227.1	ALKBH5	0.516836009	2.37E-31
RP11-77403.3	YTHDC1	0.59040798	0
RP11-77403.3	METTL3	0.527230318	0
RP11-77403.3	ALKBH5	0.574658385	0

CTB-51J22. 1	ALKBH5	0. 518768031	0
RP11-701H24. 3	YTHDC1	0. 67948147	9. 50E-61
RP11-701H24. 3	METTL14	0. 664125691	3. 60E-57
RP11-701H24. 3	YTHDC2	0. 602580454	9. 75E-45
RP11-701H24. 3	YTHDF3	0. 694256848	2. 10E-64
RP11-701H24. 3	KIAA1429	0. 695414528	1. 06E-64
RP11-701H24. 3	ZC3H13	0. 801607447	1. 12E-99
RP11-701H24. 3	FTO	0. 724103763	1. 63E-72
RP13-20L14. 1	METTL3	0. 573590387	9. 10E-40
LINC01508	IGF2BP2	-0. 531247571	0
LINC01135	YTHDC1	0. 572695359	0
LINC01135	METTL14	0. 526612617	0
LINC01135	FTO	0. 626082146	0
RP11-701H24. 7	YTHDC1	0. 613255673	0
RP11-701H24. 7	METTL14	0. 566859754	0
RP11-701H24. 7	YTHDC2	0. 553735139	0
RP11-701H24. 7	YTHDF3	0. 668360958	0
RP11-701H24. 7	KIAA1429	0. 582491199	0
RP11-701H24. 7	ZC3H13	0. 667074779	0
RP11-701H24. 7	FTO	0. 583695113	0
RP11-449J21. 5	ALKBH5	0. 581608121	0
RP11-114N19. 3	YTHDC1	0. 601208027	0
RP11-114N19. 3	HNRNPA2B1	0. 502073943	0
RP11-114N19. 3	METTL3	0. 600265377	0
AP001258. 4	IGF2BP2	0. 608231092	0
AP001258. 4	ALKBH5	-0. 505963542	0
RP11-366L20. 2	IGF2BP2	0. 581272109	0
RP3-449M8. 6	IGF2BP2	0. 587639599	4. 10E-42
RP11-60L3. 1	IGF2BP2	0. 591164112	1. 01E-42
RP11-20J15. 3	IGF2BP2	0. 585639013	8. 99E-42
MIR222HG	IGF2BP2	0. 52236885	0
MIR222HG	FTO	-0. 509599537	0
CTD-3035K23. 7	FTO	-0. 503155315	1. 50E-29
UNC5B-AS1	FTO	-0. 601554263	1. 49E-44
NR2F1-AS1	IGF2BP2	0. 502790362	0
ABHD11-AS1	FTO	-0. 522362184	0
RP3-449M8. 9	IGF2BP2	0. 55250073	0
RP11-320N7. 2	YTHDC1	-0. 503792762	1. 24E-29
RP11-320N7. 2	FTO	-0. 526566281	1. 11E-32
MIR31HG	IGF2BP2	0. 530987854	2. 65E-33
AC018816. 3	IGF2BP3	-0. 568204093	6. 74E-39
AC018816. 3	FTO	-0. 619708979	0
CTC-255N20. 1	IGF2BP2	0. 522968112	0
RP5-875H18. 9	YTHDC1	-0. 561254465	8. 47E-38
RP5-875H18. 9	FTO	-0. 58100303	5. 44E-41

RP5-875H18. 9	ALKBH5	-0. 579806491	8. 61E-41
RP11-1036E20. 9	IGF2BP2	0. 559925446	1. 36E-37
RP11-1036E20. 9	ALKBH5	-0. 57830756	1. 53E-40
RP11-221N13. 3	IGF2BP2	0. 676969807	3. 79E-60
DOCK9-AS2	IGF2BP2	0. 604089023	0
DOCK9-AS2	IGF2BP3	-0. 562440375	5. 52E-38
RP11-350J20. 12	FTO	-0. 56919045	4. 68E-39
RP11-350J20. 12	ALKBH5	-0. 554940425	8. 01E-37
AC007255. 8	IGF2BP2	0. 580119977	7. 63E-41
TNRC6C-AS1	IGF2BP2	0. 645197111	0
TNRC6C-AS1	IGF2BP3	-0. 579447003	9. 88E-41
TNRC6C-AS1	FTO	-0. 505232088	0
RP11-28001. 2	IGF2BP2	0. 677941679	2. 22E-60
RP11-28001. 2	IGF2BP3	-0. 538604992	2. 16E-34
CTD-2619J13. 13	IGF2BP2	0. 500563448	3. 23E-29
CTD-2619J13. 13	FTO	-0. 595590368	1. 71E-43
RP11-474021. 5	IGF2BP2	0. 569801598	0
AC079630. 2	IGF2BP2	0. 511776909	1. 12E-30

Supplementary Table S3 GSVA results for GO

id	logFC	AveExpr	t	P. Value	adj. P. Val	B
GO_TRICARBOXYLIC_ACID_CYCLE	-0.1572966	-0.040101534	-6.364812424	5.56E-10	2.83E-06	12.35105961
GO_CRISTAE_FORMATION	-0.146268122	-0.052814969	-6.330428459	6.80E-10	3.47E-06	12.15719245
GO_2_OXOGLUTARATE_METABOLIC_PROCESS	-0.142364476	-0.047106546	-6.090470305	2.73E-09	1.39E-05	10.82802204
GO_AEROBIC_RESPIRATION	-0.137134455	-0.047353705	-6.054898643	3.34E-09	1.70E-05	10.63456129
GO_INNER_MITOCHONDRIAL_MEMBRANE_ORGANIZATION	-0.135755815	-0.051518592	-5.880101915	8.89E-09	4.52E-05	9.697520773
GO_L_ASPARTATE_TRANSMEMBRANE_TRANSPORT	-0.124457487	-0.016915384	-5.928167698	6.81E-09	3.46E-05	9.952922732
GO_COENZYME_A_METABOLIC_PROCESS	-0.123908018	-0.032172532	-5.795420463	1.42E-08	7.20E-05	9.251774046
GO_REGULATION_OF_MITOCHONDRIAL_FUSION	-0.123778703	-0.029317035	-6.556052735	1.78E-10	9.07E-07	13.44468346
GO_NUCLEOBASE_TRANSPORT	-0.121115856	-0.015916984	-5.5804679	4.53E-08	0.00022888	8.144715888
GO_MITOCHONDRIAL_FUSION	-0.120864644	-0.034666905	-6.97983999	1.30E-11	6.63E-08	15.95886731
GO_UDP_N_ACETYLGLUCOSAMINE_BIOSYNTHETIC_PROCESS	-0.120282451	-0.009723164	-5.074332897	6.06E-07	0.003021363	5.679607204
GO_PTERIDINE_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS	-0.118588293	-0.027846846	-5.465774219	8.29E-08	0.000418099	7.568521486
GO_CELLULAR_RESPIRATION	-0.117785284	-0.042055253	-5.04116365	7.13E-07	0.003549278	5.525146467
GO_AMINO_SUGAR_BIOSYNTHETIC_PROCESS	-0.117032293	-0.008440047	-5.151930057	4.12E-07	0.002060005	6.044403152
GO_REGULATION_OF_TRANSLATIONAL_FIDELITY	-0.114176792	-0.0424978	-5.248579713	2.54E-07	0.001271555	6.505481824
GO_CERAMIDE_CATABOLIC_PROCESS	-0.11284477	-0.017195137	-5.942505265	6.28E-09	3.19E-05	10.02944076
GO_COENZYME_A_BIOSYNTHETIC_PROCESS	-0.110364848	-0.031574096	-4.637759816	4.83E-06	0.023625309	3.718151438
GO_FATTY_ACID_BETA_OXIDATION_USING_ACYL_COA_OXIDASE	-0.107975017	-0.038549823	-4.643357899	4.71E-06	0.023036332	3.742312618
GO_AMINO_ACID_ACTIVATION	-0.107658628	-0.043103288	-4.810254528	2.17E-06	0.010686463	4.47452701
GO_MITOCHONDRIAL_DNA_METABOLIC_PROCESS	-0.105345412	-0.027943405	-5.614528165	3.78E-08	0.000191018	8.317780939
GO_ENDOSOME_TO_LYSOSOME_TRANSPORT	-0.104820218	-0.018658082	-5.763031936	1.69E-08	8.59E-05	9.082716343
GO_GLYCOLIPID_CATABOLIC_PROCESS	-0.102870613	-0.01760436	-4.635200702	4.89E-06	0.023894039	3.707115032
GO_TRICARBOXYLIC_ACID_METABOLIC_PROCESS	-0.102222996	-0.037422517	-4.856632075	1.74E-06	0.008592378	4.682060193
GO_PIGMENT_GRANULE_MATURATION	-0.10122959	-0.023153065	-4.667207216	4.22E-06	0.020683382	3.845536784
GO_MEMBRANE_DISRUPTION_IN_OTHER_ORGANISM	0.100323329	0.090451998	4.679619368	3.98E-06	0.019549212	3.899445223
GO_SOMATIC_STEM_CELL_DIVISION	0.100485858	0.018827953	4.681943659	3.94E-06	0.01934851	3.90955425
GO_REGULATION_OF_MESONEPHROS_DEVELOPMENT	0.100824974	0.030245942	6.414049637	4.15E-10	2.12E-06	12.63014583
GO_REGULATION_OF_DOPAMINERGIC_NEURON_DIFFERENTIATION	0.101530973	0.047353322	4.814281913	2.13E-06	0.010487332	4.492479227
GO_REGULATION_OF_ODONTOGENESIS_OF_DENTIN_CONTAINING_TOOTH	0.102317252	0.044663418	5.209912153	3.08E-07	0.001543266	6.320123056
GO_POSITIVE_REGULATION_OF_METANEPHROS_DEVELOPMENT	0.102409509	0.032573886	5.007013526	8.43E-07	0.004187462	5.367043211
GO_CARDIAC_MUSCLE_FIBER_DEVELOPMENT	0.102500897	0.03986342	5.326962252	1.70E-07	0.000855273	6.884847343
GO_REGULATION_OF_PEPTIDYL_SERINE_PHOSPHORYLATION_OF_STAT_PROTEIN	0.102813428	0.090215084	6.467267177	3.03E-10	1.54E-06	12.93373376
GO_REGULATION_OF_ODONTOGENESIS	0.103807903	0.042980761	6.081136585	2.87E-09	1.46E-05	10.7771694
GO_LOW_DENSITY_LIPOPROTEIN_PARTICLE_REMODELING	0.103867401	0.045352428	5.660375333	2.95E-08	0.000149443	8.552141979
GO_DORSAL_SPINAL_CORD_DEVELOPMENT	0.103986002	0.065198684	6.541148087	1.94E-10	9.92E-07	13.35852136
GO_NEGATIVE_REGULATION_OF_CATECHOLAMINE_SECRETION	0.104914251	0.055963979	5.792375749	1.44E-08	7.32E-05	9.23584785
GO_CORTISOL_METABOLIC_PROCESS	0.106771751	0.032653243	5.232437973	2.75E-07	0.001378635	6.427959849
GO_BRONCHUS_DEVELOPMENT	0.10788513	-0.010850037	5.235053289	2.72E-07	0.00136135	6.440506099
GO_NEPHRIC_DUCT_MORPHOGENESIS	0.11038579	0.042808721	5.478848585	7.74E-08	0.000390507	7.633689609
GO_MIDGUT_DEVELOPMENT	0.110511499	0.028619974	5.84456184	1.08E-08	5.50E-05	9.509788035
GO_MORPHOGENESIS_OF_AN_EPITHELIAL_BUD	0.110999177	0.042916078	5.990626079	4.80E-09	2.44E-05	10.28737462
GO_DENTATE_GYRUS_DEVELOPMENT	0.111534654	0.031634957	5.996884862	4.63E-09	2.36E-05	10.32104888
GO_TELENCEPHALON_REGIONALIZATION	0.115532191	0.046252146	6.574561732	1.59E-10	8.11E-07	13.55189885
GO_ONE_CARBON_COMPOUND_TRANSPORT	0.115546873	0.076145005	5.747039656	1.85E-08	9.37E-05	8.999534595
GO_BLOOD_VESSEL_ENDOTHELIAL_CELL_PROLIFERATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS	0.11602188	0.0230812	6.36557289	5.53E-10	2.82E-06	12.35535692
GO_XENOBIOTIC_GLUCURONIDATION	0.118023159	0.132624817	5.227096067	2.83E-07	0.001415767	6.402350392
GO_GLIAL_CELL_DERIVED_NEUROTROPHIC_FACTOR_RECEPTOR_SIGNALING_PATHWAY	0.118679809	0.050466097	5.160074576	3.96E-07	0.001979109	6.082970835
GO_PROSTATIC_BUD_FORMATION	0.129866014	0.041271312	6.58283472	1.51E-10	7.72E-07	13.59989866
GO_SPINAL_CORD_ASSOCIATION_NEURON_D	0.130113242	0.069252834	7.4841453	4.93E-13	2.52E-09	19.10731263

DIFFERENTIATION

GO_POSITIVE_REGULATION_OF_GLOMERULUS_DEVELOPMENT	0.136860124	0.054347875	6.716428829	6.69E-11	3.42E-07	14.38161376
GO_REGULATION_OF_GLOMERULUS_DEVELOPMENT	0.138411023	0.053794675	7.79208649	6.18E-14	3.16E-10	21.10972348
GO_POSITIVE_REGULATION_OF_ODONTOGENESIS	0.139646915	0.053049749	6.790306429	4.24E-11	2.17E-07	14.81920299
GO_LATERAL_SPROUTING_FROM_AN_EPITHELIUM	0.139890558	0.027205585	7.147170463	4.46E-12	2.28E-08	16.98507666

Supplementary Table S4 KEGG enrichment analysis results

id	logFC	AveExpr	t	P.Value	adj. P.Val	B
KEGG_GLYOXYLATE_AND_DICARBOXYLATE_METABOLISM	-0.128589015	-0.020060066	-5.840638077	1.10E-08	2.03E-06	9.519413878
KEGG_CITRATE_CYCLE_TCA_CYCLE	-0.138283469	-0.032165098	-5.332384132	1.65E-07	3.01E-05	6.954618257
KEGG_PROPANOATE_METABOLISM	-0.115510971	-0.03739471	-4.687022439	3.85E-06	0.000665519	3.990010077
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION	-0.119135849	-0.031091791	-4.628306255	5.04E-06	0.000866715	3.737036027
KEGG_OXIDATIVE_PHOSPHORYLATION	-0.119083899	-0.040444237	-4.208508813	3.20E-05	0.005342209	2.012053273
KEGG_PARKINSONS_DISEASE	-0.105481632	-0.038819437	-3.903820141	0.000111689	0.017535197	0.853679562

Supplementary Table S5 922 differentially expressed genes screened from the normal group and papillary thyroid carcinoma group

id			logFC	AveExpr	t	P.Value	adj. P. Val	B
ENSG00000074706	protein_coding	IPCEF1	-3.084684625	1.397011041	-26.31765297	2.23E-92	1.57E-88	199.9933427
ENSG00000163898	protein_coding	LIPH	3.738893512	3.57703236	25.58281865	4.23E-89	1.99E-85	192.4923863
ENSG00000253250	protein_coding	C8orf88	-1.700115374	1.017092687	-24.49605489	3.21E-84	1.13E-80	181.3197157
ENSG00000170439	protein_coding	METTL7B	3.664656859	4.805062478	24.46976703	4.22E-84	1.19E-80	181.0483963
ENSG00000153246	protein_coding	PLA2R1	-2.885897135	1.850887827	-24.39689538	9.00E-84	2.11E-80	180.296038
ENSG00000062038	protein_coding	CDH3	3.235635688	3.831345823	23.65535313	2.03E-80	4.08E-77	172.6209139
ENSG00000138722	protein_coding	MMRN1	-2.355518443	1.103925244	-23.63890292	2.40E-80	4.24E-77	172.4502816
ENSG00000175832	protein_coding	ETV4	2.745327106	3.424642013	23.59145724	3.95E-80	6.18E-77	171.9580605
ENSG00000117308	protein_coding	GALE	2.595770823	3.89961232	23.55721418	5.64E-80	7.95E-77	171.6027326
ENSG00000150625	protein_coding	GPM6A	-1.743647917	0.768021125	-23.40933634	2.64E-79	3.38E-76	170.0675401
ENSG00000130226	protein_coding	DPP6	-2.374854031	0.791828838	-23.18159936	2.85E-78	3.35E-75	167.7011076
ENSG00000147257	protein_coding	GPC3	-2.244920344	0.946990452	-23.13353064	4.72E-78	5.11E-75	167.2012992
ENSG00000138356	protein_coding	AOX1	-2.097828916	0.854724686	-22.72955219	3.23E-76	3.26E-73	162.9967312
ENSG00000133800	protein_coding	LYVE1	-2.172909875	1.156216842	-22.50414977	3.43E-75	3.22E-72	160.6478785
ENSG00000174567	protein_coding	GOLT1A	2.679184395	3.041107014	22.48745968	4.09E-75	3.60E-72	160.4738819
ENSG00000166352	protein_coding	C11orf74	-2.090190735	3.186126831	-22.43117097	7.37E-75	6.11E-72	159.8869919
ENSG00000137142	protein_coding	IGFBPL1	-2.625459437	1.199781602	-22.13715298	1.61E-73	1.26E-70	156.819764
ENSG00000196616	protein_coding	ADH1B	-1.893666338	0.651546462	-22.11299893	2.08E-73	1.54E-70	156.567671
ENSG00000143171	protein_coding	RXRG	4.149273252	4.258675463	21.81858359	4.57E-72	3.06E-69	153.4936784
ENSG00000105717	protein_coding	PBX4	-1.957787033	1.543907274	-21.65959531	2.43E-71	1.55E-68	151.8328666
ENSG00000170153	protein_coding	RNF150	-1.540965166	0.919231217	-21.65311605	2.60E-71	1.59E-68	151.765173
ENSG00000184574	protein_coding	LPAR5	2.840607221	3.854631593	21.59952369	4.56E-71	2.68E-68	151.205226
ENSG00000171612	protein_coding	SLC25A33	-1.185737473	1.291856246	-21.51829297	1.07E-70	6.03E-68	150.3564146
ENSG00000168528	protein_coding	SERINC2	1.734611712	5.265440329	21.49223845	1.41E-70	7.63E-68	150.0841391
ENSG00000149573	protein_coding	MPZL2	2.313334248	5.567254658	21.45243878	2.14E-70	1.12E-67	149.6682047
ENSG00000072682	protein_coding	P4HA2	1.606351684	3.284893161	21.32211563	8.41E-70	4.23E-67	148.306092
ENSG00000119655	protein_coding	NPC2	2.466613634	9.162952137	21.20925225	2.75E-69	1.34E-66	147.1263161
ENSG00000157111	protein_coding	TMEM171	-2.498385811	2.378170379	-21.16205728	4.52E-69	2.12E-66	146.632948
ENSG00000159842	protein_coding	ABR	1.290797225	3.30658457	21.08687867	9.97E-69	4.53E-66	145.8470121
ENSG00000226124	protein_coding	FTCDNL1	-1.186955235	1.125040874	-21.03236533	1.77E-68	7.67E-66	145.2770967
ENSG00000198682	protein_coding	PAPSS2	-2.30494991	1.933863388	-21.03088132	1.80E-68	7.67E-66	145.2615818
ENSG00000104723	protein_coding	TUSC3	2.489511254	3.49597893	20.96074203	3.75E-68	1.56E-65	144.5282859
ENSG00000154928	protein_coding	EPHB1	-1.598399619	1.140373781	-20.91563214	6.03E-68	2.43E-65	144.0566621
ENSG00000115112	protein_coding	TFCP2L1	-3.134931806	1.720991658	-20.90933832	6.44E-68	2.52E-65	143.9908599
ENSG00000066382	protein_coding	MPPED2	-2.342391966	1.139701522	-20.79923078	2.05E-67	7.81E-65	142.8396797
ENSG00000117707	protein_coding	PROX1	-1.516241305	0.981746219	-20.7765497	2.60E-67	9.65E-65	142.602549
ENSG00000168487	protein_coding	BMP1	1.316461156	3.603292206	20.74919761	3.47E-67	1.25E-64	142.3165845
ENSG00000117298	protein_coding	ECE1	1.554573602	6.181557823	20.59752073	1.71E-66	6.02E-64	140.7308636
ENSG00000171368	protein_coding	TPPP	-1.915771883	1.576060675	-20.54165765	3.07E-66	1.06E-63	140.1468711
ENSG00000166589	protein_coding	CDH16	-3.826850626	1.694558044	-20.38871536	1.53E-65	5.02E-63	138.5481537
ENSG00000072133	protein_coding	RPS6KA6	-1.266230677	1.30437933	-20.34382907	2.46E-65	7.87E-63	138.0790028
ENSG00000134569	protein_coding	LRP4	3.366910254	4.047783882	20.1849968	1.30E-64	4.08E-62	136.4191178
ENSG00000183248	protein_coding	PRR36	1.909571386	2.285138057	20.14302053	2.03E-64	6.07E-62	135.9805112
ENSG00000114805	protein_coding	PLCH1	-1.582263355	0.882453383	-20.11522848	2.71E-64	7.96E-62	135.6901321
ENSG00000162873	protein_coding	KLHDC8A	3.058549036	3.086631078	20.0026779	8.85E-64	2.54E-61	134.5143293
ENSG00000158352	protein_coding	SHROOM4	1.976803325	2.748081239	19.97059428	1.24E-63	3.49E-61	134.1792053
ENSG00000157680	protein_coding	DGKI	-2.20541711	1.123961786	-19.9447631	1.63E-63	4.49E-61	133.9094074
ENSG00000204381	protein_coding	LAYN	-1.778018878	1.935968336	-19.84957785	4.41E-63	1.20E-60	132.9153704
ENSG00000259803	protein_coding	SLC22A31	3.902199861	3.576487904	19.84518896	4.62E-63	1.23E-60	132.8695421
ENSG00000110092	protein_coding	CCND1	1.721221208	6.491816353	19.78786209	8.44E-63	2.20E-60	132.2709881
ENSG00000102543	protein_coding	CDADC1	-1.041219491	1.906495092	-19.71856208	1.75E-62	4.47E-60	131.5475459
ENSG00000186153	protein_coding	WWOX	-1.152451637	2.242019391	-19.70716114	1.97E-62	4.95E-60	131.4285419
ENSG00000144749	protein_coding	LRIG1	-1.490825537	2.660717206	-19.64545656	3.76E-62	9.30E-60	130.784534
ENSG00000184489	protein_coding	PTP4A3	1.806306675	3.997976946	19.60628161	5.67E-62	1.38E-59	130.3757302
ENSG00000174307	protein_coding	PHLDA3	1.802553026	4.44516833	19.58861554	6.83E-62	1.63E-59	130.1913953
ENSG00000152990	protein_coding	GPR125	-1.468878177	2.258302148	-19.54248267	1.11E-61	2.60E-59	129.7100769
ENSG0000015475	protein_coding	BID	1.624696002	3.026784037	19.54090441	1.13E-61	2.60E-59	129.6936118
ENSG00000169946	protein_coding	ZFPM2	-1.299728173	0.929115192	-19.50513562	1.64E-61	3.73E-59	129.3204784
ENSG00000076555	protein_coding	ACACB	-1.306114605	1.551376257	-19.43004737	3.60E-61	7.81E-59	128.5373246
ENSG00000168079	protein_coding	SCARA5	-2.049220388	0.751039578	-19.41289793	4.31E-61	9.21E-59	128.3584897
ENSG00000141524	protein_coding	TMC6	1.99673764	3.361214705	19.34903582	8.42E-61	1.77E-58	127.6926359
ENSG00000169302	protein_coding	STK32A	2.068896894	2.922373641	19.32774472	1.05E-60	2.18E-58	127.4706824
ENSG00000075035	protein_coding	WSCD2	-3.09859708	1.286667155	-19.32430296	1.09E-60	2.23E-58	127.4348049
ENSG00000160180	protein_coding	TFF3	-6.094906405	4.072174908	-19.2950223	1.48E-60	2.94E-58	127.1295977
ENSG00000161714	protein_coding	PLCD3	2.770028639	3.960346446	19.29167159	1.54E-60	3.01E-58	127.0946738
ENSG00000132561	protein_coding	MATN2	-2.890604428	4.147023284	-19.23307175	2.84E-60	5.41E-58	126.4839767
ENSG00000141858	protein_coding	SAMD1	1.091088204	4.216584396	19.22110647	3.22E-60	6.05E-58	126.3592993
ENSG00000187583	protein_coding	PLEKHN1	1.685577971	1.771694753	19.21566188	3.41E-60	6.32E-58	126.3025693
ENSG00000109819	protein_coding	PPARGC1A	-2.071277337	1.34219319	-19.19410643	4.27E-60	7.81E-58	126.0779845
ENSG00000132481	protein_coding	TRIM47	1.450454774	3.633368314	19.1898448	4.46E-60	8.07E-58	126.0335854

ENSG00000113594	protein_coding	LIFR	-2.123890734	1.877312733	-19.15730295	6.28E-60	1.12E-57	125.6945806
ENSG00000197635	protein_coding	DPP4	3.654126205	4.279725734	19.13188141	8.19E-60	1.43E-57	125.4297862
ENSG00000136111	protein_coding	TBC1D4	-1.925639737	2.588531546	-19.1142778	9.85E-60	1.69E-57	125.2464424
ENSG00000105327	protein_coding	BBC3	1.486374648	2.394048553	19.09763232	1.17E-59	1.99E-57	125.0730912
ENSG00000115828	protein_coding	QPCT	2.96334019	4.421997838	19.07085325	1.55E-59	2.60E-57	124.7942341
ENSG00000184908	protein_coding	CLCNKB	-2.147295844	1.522398833	-19.02975502	2.39E-59	3.96E-57	124.3663373
ENSG00000091129	protein_coding	NRCAM	1.782826719	2.925170642	19.01705665	2.73E-59	4.43E-57	124.2341445
ENSG00000256870	protein_coding	SLC5A8	-3.296950747	1.663713735	-19.016646	2.74E-59	4.43E-57	124.2298696
ENSG00000109586	protein_coding	GALNT7	1.877822178	3.726568551	18.94570133	5.75E-59	9.21E-57	123.4914754
ENSG00000135824	protein_coding	RGS8	-1.900491359	0.592983335	-18.80832701	2.42E-58	3.83E-56	122.0624521
ENSG00000066248	protein_coding	NGEF	2.88916274	2.803653381	18.8033139	2.55E-58	3.95E-56	122.0103239
ENSG00000044524	protein_coding	EPHA3	-1.632047722	1.398051038	-18.79551835	2.77E-58	4.24E-56	121.9292654
ENSG00000080493	protein_coding	SLC4A4	-2.72176588	1.608189288	-18.79264897	2.85E-58	4.32E-56	121.8994305
ENSG00000163431	protein_coding	LMOD1	-2.551645857	2.767342404	-18.7325926	5.34E-58	8.01E-56	121.2750921
ENSG00000101236	protein_coding	RNF24	1.059059979	3.070883187	18.71339032	6.53E-58	9.68E-56	121.0755131
ENSG00000166145	protein_coding	SPINT1	1.585632473	6.054492432	18.69349841	8.03E-58	1.18E-55	120.86879
ENSG00000277363	protein_coding	SRCIN1	1.29227267	1.384617492	18.66752064	1.05E-57	1.53E-55	120.5988573
ENSG00000147408	protein_coding	CSGALNACT1	-2.119231729	3.270314482	-18.66063528	1.13E-57	1.63E-55	120.5273192
ENSG00000143196	protein_coding	DPT	-3.843450136	2.209699547	-18.64595931	1.32E-57	1.88E-55	120.3748473
ENSG00000115042	protein_coding	FAHD2A	-1.113009942	2.290393387	-18.63757143	1.44E-57	2.03E-55	120.2877099
ENSG00000116761	protein_coding	CTH	-1.230897284	1.380628632	-18.58596117	2.47E-57	3.45E-55	119.7516556
ENSG00000166415	protein_coding	WDR72	-2.342955037	2.365205358	-18.57286744	2.83E-57	3.91E-55	119.6156837
ENSG00000205038	protein_coding	PKHD1L1	-3.256998395	1.395373585	-18.55864621	3.29E-57	4.50E-55	119.4680161
ENSG00000172667	protein_coding	ZMAT3	1.474646637	3.277261698	18.54626529	3.74E-57	5.02E-55	119.3394684
ENSG00000153993	protein_coding	SEMA3D	-2.94191577	1.1779692	-18.52161836	4.84E-57	6.42E-55	119.0835962
ENSG00000143217	protein_coding	PVRL4	2.755126638	2.814257936	18.52087865	4.87E-57	6.42E-55	119.0759175
ENSG00000176532	protein_coding	PRR15	4.550311889	4.693532487	18.49745654	6.22E-57	8.12E-55	118.8327996
ENSG00000174460	protein_coding	ZCCHC12	5.591271538	6.082371583	18.47717169	7.69E-57	9.94E-55	118.6222761
ENSG00000004399	protein_coding	PLXND1	1.402572743	4.128797225	18.47256176	8.07E-57	1.03E-54	118.5744365
ENSG00000163485	protein_coding	ADORA1	2.058272713	3.119656721	18.4702421	8.27E-57	1.05E-54	118.5503648
ENSG00000101938	protein_coding	CHRD1	-2.794301208	1.433010883	-18.31961452	3.98E-56	5.00E-54	116.9880721
ENSG00000165061	protein_coding	ZMAT4	-2.425996168	0.934114824	-18.31398748	4.22E-56	5.26E-54	116.9297407
ENSG00000132535	protein_coding	DLG4	1.17779251	2.727830768	18.30316594	4.72E-56	5.83E-54	116.8175685
ENSG00000112232	protein_coding	KHDRBS2	-1.952671176	1.21199516	-18.25802167	7.56E-56	9.10E-54	116.3497136
ENSG00000109182	protein_coding	CWH43	-2.415134245	1.155574395	-18.21408967	1.19E-55	1.43E-53	115.8945707
ENSG00000142733	protein_coding	MAP3K6	1.221418809	3.314389741	18.19048483	1.53E-55	1.81E-53	115.6500821
ENSG00000145864	protein_coding	GABRB2	3.170888236	2.849726958	18.18103651	1.68E-55	1.98E-53	115.5522327
ENSG00000131018	protein_coding	SYNE1	-1.582923314	1.51303958	-18.17214246	1.85E-55	2.15E-53	115.46013
ENSG00000188910	protein_coding	GJB3	2.614477886	2.594755689	18.1332739	2.77E-55	3.20E-53	115.0576982
ENSG00000134548	protein_coding	SPX	-2.41189195	1.472020056	-18.11661715	3.29E-55	3.77E-53	114.8852769
ENSG00000163235	protein_coding	TGFA	2.121888967	3.948681021	18.08231286	4.71E-55	5.35E-53	114.530249
ENSG00000134574	protein_coding	DDB2	1.073775986	2.766074339	18.05506048	6.25E-55	7.05E-53	114.2482726
ENSG00000163347	protein_coding	CLDN1	3.477833316	6.24141517	18.05190075	6.46E-55	7.22E-53	114.2155834
ENSG00000082482	protein_coding	KCNK2	-1.926343768	1.151978669	-18.0203941	8.96E-55	9.95E-53	113.889674
ENSG00000197249	protein_coding	SERPINA1	4.413290269	7.590672396	17.9640915	1.61E-54	1.77E-52	113.3074805
ENSG00000184500	protein_coding	PROS1	3.127839976	5.460689491	17.95550134	1.76E-54	1.91E-52	113.2186783
ENSG00000006534	protein_coding	ALDH3B1	1.833552952	2.652841107	17.9455621	1.95E-54	2.10E-52	113.1159377
ENSG00000244405	protein_coding	ETV5	1.523611848	3.793126243	17.92304	2.47E-54	2.63E-52	112.8831619
ENSG00000135205	protein_coding	CCDC146	-1.579764979	1.724650341	-17.89595356	3.27E-54	3.46E-52	112.6032704
ENSG00000156966	protein_coding	B3GNT7	1.694965519	2.472328364	17.87495929	4.06E-54	4.27E-52	112.3863757
ENSG00000196781	protein_coding	TLE1	-1.261004329	2.239248869	-17.85374089	5.07E-54	5.29E-52	112.1672055
ENSG00000006625	protein_coding	GGCT	2.00062569	5.309043042	17.84050354	5.81E-54	6.02E-52	112.0304941
ENSG00000114698	protein_coding	PLSCR4	-1.451679358	2.66383371	-17.824407	6.87E-54	7.07E-52	111.8642752
ENSG00000250305	protein_coding	KIAA1456	-1.544861328	1.944990277	-17.81748178	7.38E-54	7.54E-52	111.7927701
ENSG00000136155	protein_coding	SCEL	3.068273503	3.598768994	17.79236878	9.58E-54	9.71E-52	111.5335071
ENSG00000174839	protein_coding	DENND6A	-1.034019107	2.603402496	-17.78775968	1.01E-53	1.01E-51	111.4859298
ENSG00000142765	protein_coding	SYTL1	1.689659473	3.474985468	17.70255706	2.43E-53	2.41E-51	110.6067849
ENSG00000138185	protein_coding	ENTPD1	1.952679032	3.771246313	17.68120296	3.04E-53	2.99E-51	110.3865552
ENSG00000108846	protein_coding	ABCC3	2.06493725	3.090173272	17.67909414	3.10E-53	3.04E-51	110.3648088
ENSG00000151948	protein_coding	GLT1D1	1.61452055	2.070758117	17.66072227	3.75E-53	3.65E-51	110.1753744
ENSG00000105329	protein_coding	TGFB1	1.541339727	4.354770005	17.64875469	4.25E-53	4.10E-51	110.051993
ENSG00000173715	protein_coding	C11orf80	1.193289205	2.367812759	17.64532109	4.40E-53	4.22E-51	110.0165964
ENSG00000159166	protein_coding	LAD1	2.090423759	3.676749701	17.64376893	4.48E-53	4.26E-51	110.0005958
ENSG00000151491	protein_coding	EPS8	1.747035149	4.24779408	17.64100426	4.61E-53	4.36E-51	109.9720964
ENSG00000197557	protein_coding	TTC30A	-1.03193941	1.473570751	-17.63864153	4.72E-53	4.43E-51	109.947741
ENSG00000065675	protein_coding	PRKCQ	-1.34356335	2.820068277	-17.62428059	5.48E-53	5.11E-51	109.7997176
ENSG00000141738	protein_coding	GRB7	1.846532018	3.339894688	17.57324652	9.29E-53	8.62E-51	109.2738564
ENSG00000187824	protein_coding	TMEM220	-1.228096073	1.834451801	-17.55267978	1.15E-52	1.06E-50	109.062008
ENSG00000166148	protein_coding	AVPR1A	-1.766303155	1.042507421	-17.53237152	1.42E-52	1.30E-50	108.8528639
ENSG00000162105	protein_coding	SHANK2	-1.160073721	0.913357053	-17.50733518	1.84E-52	1.66E-50	108.5950859
ENSG00000154553	protein_coding	PDLIM3	-1.749970895	1.329853857	-17.48194781	2.39E-52	2.12E-50	108.3337595
ENSG00000124145	protein_coding	SDC4	2.410223321	8.145908763	17.47495341	2.57E-52	2.26E-50	108.2617739
ENSG00000034971	protein_coding	MYOC	-2.23608013	0.798070286	-17.46983997	2.71E-52	2.37E-50	108.2091503

ENSG00000104044	protein_coding	OCA2	-1.870275316	0.873597418	-17.42265956	4.42E-52	3.84E-50	107.7237341
ENSG00000244694	protein_coding	PTCHD4	1.734666192	1.981263345	17.40394758	5.36E-52	4.63E-50	107.5312809
ENSG00000139318	protein_coding	DUSP6	2.39808948	6.204820848	17.36490452	8.03E-52	6.90E-50	107.1298428
ENSG00000266524	protein_coding	GDF10	-1.841112972	0.785860833	-17.35731349	8.68E-52	7.41E-50	107.0518114
ENSG00000172817	protein_coding	CYP7B1	-1.2680093	1.320804734	-17.33570983	1.09E-51	9.16E-50	106.8297728
ENSG00000155849	protein_coding	ELMO1	-2.269179571	2.25569127	-17.32603162	1.20E-51	1.01E-49	106.7303183
ENSG00000115414	protein_coding	FN1	5.179319781	8.287570071	17.31519544	1.34E-51	1.12E-49	106.6189767
ENSG00000107731	protein_coding	UNC5B	1.680923751	3.014567132	17.29355877	1.68E-51	1.38E-49	106.3966989
ENSG0000013364	protein_coding	MVP	1.497766457	5.334081727	17.2919522	1.71E-51	1.40E-49	106.3801963
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ENSG00000196878	protein_coding	LAMB3	3.639906952	4.509687433	17.28236621	1.88E-51	1.52E-49	106.2817359
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ENSG00000120875	protein_coding	DUSP4	1.778086742	2.672282521	17.24411755	2.80E-51	2.21E-49	105.8889751
ENSG00000112562	protein_coding	SMOC2	-2.719304127	2.846005279	-17.24348357	2.81E-51	2.22E-49	105.8824665
ENSG0000011028	protein_coding	MRC2	2.666974025	4.489504362	17.24235564	2.85E-51	2.23E-49	105.8708867
ENSG00000204103	protein_coding	MAFB	-1.926873358	3.915024728	-17.23867555	2.96E-51	2.30E-49	105.8331067
ENSG00000120820	protein_coding	GLT8D2	-2.138414377	2.008803744	-17.12855455	9.21E-51	7.09E-49	104.7033164
ENSG00000120254	protein_coding	MTHFD1L	1.047337257	2.743959269	17.10430672	1.18E-50	9.06E-49	104.4547345
ENSG00000130513	protein_coding	GDF15	3.525200985	4.646980133	17.08684366	1.42E-50	1.08E-48	104.2757513
ENSG00000105641	protein_coding	SLC5A5	-3.00720374	0.990175473	-17.07705475	1.57E-50	1.19E-48	104.1754382
ENSG00000154556	protein_coding	SORBS2	-2.292665396	2.913293494	-17.06577496	1.76E-50	1.32E-48	104.0598613
ENSG00000178053	protein_coding	MLF1	-1.059231056	2.087086548	-17.03196385	2.49E-50	1.86E-48	103.7135119
ENSG00000133121	protein_coding	STARD13	-1.363051793	2.248630472	-17.02427727	2.70E-50	1.99E-48	103.6347925
ENSG00000196218	protein_coding	RYR1	1.372463929	1.572562441	17.00660294	3.24E-50	2.37E-48	103.4538144
ENSG00000138639	protein_coding	ARHGAP24	-1.856528898	1.636529865	-16.97559197	4.45E-50	3.25E-48	103.136367
ENSG00000178531	protein_coding	CTXN1	2.542805888	3.521644327	16.96368187	5.03E-50	3.66E-48	103.0144794
ENSG00000106829	protein_coding	TLE4	-1.119724714	1.285595813	-16.96064142	5.19E-50	3.75E-48	102.9833663
ENSG00000135723	protein_coding	FHOD1	1.23338896	3.558375256	16.95660101	5.41E-50	3.89E-48	102.9420223
ENSG0000014914	protein_coding	MTMR11	1.283894431	1.830124075	16.91796777	8.06E-50	5.76E-48	102.5468064
ENSG00000110042	protein_coding	DTX4	2.920743541	5.503297923	16.91694008	8.14E-50	5.79E-48	102.5362957
ENSG00000163191	protein_coding	S100A11	1.667297202	8.721611111	16.8998641	9.70E-50	6.87E-48	102.3616714
ENSG00000103855	protein_coding	CD276	1.016087572	3.715257832	16.86308432	1.42E-49	9.93E-48	101.9856753
ENSG00000150995	protein_coding	ITPR1	-2.274163974	2.223718208	-16.83222897	1.94E-49	1.36E-47	101.6703777
ENSG00000140545	protein_coding	MFGE8	2.06804922	5.038254625	16.80597449	2.55E-49	1.77E-47	101.4021913
ENSG00000182580	protein_coding	EPHB3	1.994078234	2.264120988	16.77303826	3.57E-49	2.46E-47	101.065879
ENSG00000164761	protein_coding	TNFRSF11B	-2.779231889	3.443756	-16.72569126	5.81E-49	3.95E-47	100.5826687
ENSG00000105711	protein_coding	SCN1B	1.611693195	2.369925202	16.66892741	1.04E-48	7.01E-47	100.0037482
ENSG00000064309	protein_coding	CDON	-1.828876414	1.677853107	-16.64817372	1.29E-48	8.59E-47	99.79219544
ENSG00000205403	protein_coding	CFI	2.033543819	4.479090831	16.64516586	1.33E-48	8.82E-47	99.76153964
ENSG00000214944	protein_coding	ARHGEF28	-1.182239241	1.183050176	-16.58378225	2.49E-48	1.64E-46	99.13619795
ENSG00000213977	protein_coding	TAX1BP3	1.054035858	4.398690602	16.57707538	2.66E-48	1.75E-46	99.06790375
ENSG00000157404	protein_coding	KIT	-2.736866623	2.129524972	-16.57070728	2.84E-48	1.86E-46	99.00306514
ENSG00000166450	protein_coding	PRTG	-1.207616121	1.160736103	-16.56320827	3.07E-48	1.99E-46	98.92671894
ENSG00000165886	protein_coding	UBTD1	1.005314013	4.131139215	16.56155346	3.12E-48	2.02E-46	98.90987275
ENSG00000154447	protein_coding	SH3RF1	-1.141124678	2.830070528	-16.55563648	3.32E-48	2.14E-46	98.84963988
ENSG00000105376	protein_coding	ICAM5	2.053501446	2.189195335	16.51888586	4.83E-48	3.10E-46	98.47564216
ENSG00000161013	protein_coding	MGAT4B	1.095348832	4.960704406	16.50062576	5.83E-48	3.68E-46	98.28988708
ENSG00000113924	protein_coding	HGD	-2.846869356	2.121355802	-16.49136532	6.41E-48	4.03E-46	98.19570125
ENSG00000102265	protein_coding	TIMP1	2.973107921	8.197134164	16.47605654	7.49E-48	4.69E-46	98.04002631
ENSG00000136205	protein_coding	TNS3	-1.415031647	3.137944178	-16.47222269	7.79E-48	4.86E-46	98.00104514
ENSG00000173467	protein_coding	AGR3	-1.601027884	0.667941665	-16.44689374	1.01E-47	6.27E-46	97.74356336
ENSG00000275832	protein_coding	ARHGAP23	1.417764814	2.873032846	16.44458553	1.03E-47	6.39E-46	97.72010382
ENSG00000005884	protein_coding	ITGA3	1.631117212	6.239143479	16.43404746	1.15E-47	7.08E-46	97.61300987
ENSG00000113946	protein_coding	CLDN16	3.741525016	3.88610618	16.43348823	1.16E-47	7.09E-46	97.60732716
ENSG00000188906	protein_coding	LRRK2	2.821184299	3.650521029	16.41889507	1.34E-47	8.20E-46	97.459051
ENSG00000180440	protein_coding	SERTM1	-1.677606326	0.680998142	-16.41101948	1.46E-47	8.81E-46	97.37904273
ENSG00000106789	protein_coding	CORO2A	1.321619835	2.287369863	16.40466567	1.55E-47	9.36E-46	97.31450098
ENSG00000188157	protein_coding	AGRN	1.08657366	5.425627025	16.38945759	1.82E-47	1.08E-45	97.16004188
ENSG00000183049	protein_coding	CAMK1D	-1.343790459	2.253818625	-16.37730426	2.05E-47	1.22E-45	97.03663259
ENSG00000183682	protein_coding	BMP8A	-2.930424662	1.376532097	-16.37225163	2.16E-47	1.28E-45	96.98533281
ENSG00000137460	protein_coding	FHDC1	-1.511750981	2.689463932	-16.34961268	2.73E-47	1.59E-45	96.75552426
ENSG00000197766	protein_coding	CFD	-2.269661689	3.200491258	-16.33364662	3.21E-47	1.86E-45	96.59349844
ENSG00000135547	protein_coding	HEY2	1.586805292	2.766285165	16.32990143	3.33E-47	1.93E-45	96.55549725
ENSG00000129654	protein_coding	FOXJ1	-1.87640983	0.913884899	-16.32204447	3.61E-47	2.08E-45	96.47578224
ENSG00000105976	protein_coding	MET	2.438471087	5.716939309	16.31125277	4.03E-47	2.31E-45	96.36630705
ENSG00000109113	protein_coding	RAB34	1.069238767	5.461358011	16.29628123	4.70E-47	2.68E-45	96.21445916
ENSG00000095383	protein_coding	TBC1D2	1.802417475	4.447061223	16.26808092	6.26E-47	3.56E-45	95.92853184
ENSG00000047648	protein_coding	ARHGAP6	-1.143461903	2.412904128	-16.26258529	6.62E-47	3.75E-45	95.87282496
ENSG00000166886	protein_coding	NAB2	1.798666366	5.368578664	16.26086811	6.74E-47	3.80E-45	95.85541959
ENSG00000143324	protein_coding	XPR1	1.395786878	3.815239906	16.22495894	9.72E-47	5.41E-45	95.49154699
ENSG00000155792	protein_coding	DEPTOR	-2.230069925	4.107632063	-16.17144462	1.68E-46	9.12E-45	94.94965035

ENSG00000147224	protein_coding	PRPS1	-1.016271555	4.080617992	-16.16073881	1.87E-46	1.01E-44	94.841295
ENSG00000125931	protein_coding	CITED1	4.272809805	5.731108414	16.13152039	2.52E-46	1.35E-44	94.54566251
ENSG00000162545	protein_coding	CAMK2N1	2.983359805	5.269949091	16.07730864	4.37E-46	2.32E-44	93.99750749
ENSG00000008256	protein_coding	CYTH3	-1.155002385	3.175660966	-16.05721368	5.36E-46	2.82E-44	93.79443996
ENSG00000110660	protein_coding	SLC35F2	1.373584955	3.332472996	16.01102439	8.57E-46	4.47E-44	93.32792792
ENSG00000131981	protein_coding	LGALS3	2.530820428	6.852556457	16.00279861	9.31E-46	4.84E-44	93.24488421
ENSG00000144152	protein_coding	FBLN7	-1.210592525	1.646637872	-15.99073109	1.05E-45	5.45E-44	93.12307608
ENSG00000157600	protein_coding	TMEM164	-1.149005013	2.574322496	-15.98463986	1.12E-45	5.76E-44	93.06160111
ENSG00000185090	protein_coding	MANEAL	1.222047161	2.39809974	15.90585606	2.49E-45	1.25E-43	92.26704208
ENSG00000173535	protein_coding	TNFRSF10C	1.54610779	2.292523709	15.8803294	3.23E-45	1.61E-43	92.00982173
ENSG00000160191	protein_coding	PDE9A	1.293833749	2.742022543	15.87181241	3.52E-45	1.75E-43	91.92402462
ENSG00000205129	protein_coding	C4orf47	-1.02568216	1.301152393	-15.86865325	3.63E-45	1.80E-43	91.8922035
ENSG00000159216	protein_coding	RUNX1	1.525104837	2.011348799	15.82540756	5.63E-45	2.77E-43	91.45677659
ENSG00000167216	protein_coding	KATNAL2	-1.237114457	1.176499656	-15.82297035	5.77E-45	2.83E-43	91.43224669
ENSG00000147606	protein_coding	SLC26A7	-3.594185382	4.175130375	-15.8151035	6.25E-45	3.06E-43	91.35307586
ENSG00000164674	protein_coding	SYTL3	-1.346835006	3.18068847	-15.81076858	6.53E-45	3.18E-43	91.30945444
ENSG00000101463	protein_coding	SYNDIG1	-1.557659792	1.158942464	-15.80226796	7.11E-45	3.46E-43	91.22392386
ENSG00000107130	protein_coding	NCS1	-1.076513857	3.59321752	-15.77200303	9.66E-45	4.68E-43	90.91950964
ENSG00000147041	protein_coding	SYTL5	2.381033273	2.195354525	15.75450763	1.15E-44	5.56E-43	90.74360843
ENSG00000111907	protein_coding	TPD52L1	1.560586934	4.073224667	15.72125802	1.61E-44	7.68E-43	90.40946081
ENSG00000123836	protein_coding	PFKFB2	-1.523726595	2.879351906	-15.70133962	1.97E-44	9.33E-43	90.20938132
ENSG00000166780	protein_coding	C16orf45	1.444327233	3.378493532	15.68204394	2.40E-44	1.13E-42	90.0156244
ENSG00000115525	protein_coding	ST3GAL5	1.269970332	5.174956045	15.67705481	2.52E-44	1.18E-42	89.96553706
ENSG00000177191	protein_coding	B3GNT8	1.282416501	1.968528554	15.67478807	2.58E-44	1.21E-42	89.94278207
ENSG00000198300	protein_coding	PEG3	-1.114132701	1.12431224	-15.53549071	1.05E-43	4.83E-42	88.54621682
ENSG00000164855	protein_coding	TMEM184A	1.053585205	1.160831926	15.50252493	1.47E-43	6.68E-42	88.21623241
ENSG00000162981	protein_coding	FAM84A	1.605597181	2.035474905	15.49206769	1.63E-43	7.38E-42	88.11159895
ENSG00000131435	protein_coding	PDLIM4	3.067095968	4.704615208	15.48707403	1.71E-43	7.71E-42	88.06164035
ENSG00000087088	protein_coding	BAX	1.029349328	4.514422443	15.48253973	1.79E-43	8.04E-42	88.01628157
ENSG00000122176	protein_coding	FMOD	-1.911494991	4.445292543	-15.47287706	1.98E-43	8.81E-42	87.91963399
ENSG00000105223	protein_coding	PLD3	1.104157492	6.323438799	15.45095779	2.46E-43	1.09E-41	87.70045951
ENSG00000116194	protein_coding	ANGPTL1	-2.063612032	2.512264081	-15.44125788	2.72E-43	1.20E-41	87.60349751
ENSG00000104611	protein_coding	SH2D4A	1.05884063	3.831383629	15.4340341	2.92E-43	1.28E-41	87.53129903
ENSG00000107281	protein_coding	NPDC1	1.584141502	4.728561897	15.42051502	3.34E-43	1.46E-41	87.39620854
ENSG00000156299	protein_coding	TIAM1	1.852256937	2.351075689	15.36548319	5.81E-43	2.48E-41	86.84666089
ENSG00000103811	protein_coding	CTSH	2.330973881	5.653902359	15.34398216	7.21E-43	3.07E-41	86.63211082
ENSG00000177697	protein_coding	CD151	1.207905246	6.327809072	15.32958058	8.34E-43	3.53E-41	86.48845362
ENSG00000105655	protein_coding	ISYNA1	1.376655538	4.189656355	15.3209293	9.09E-43	3.82E-41	86.40217588
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ENSG00000116299	protein_coding	KIAA1324	-1.840588465	0.953738525	-15.29434559	1.19E-42	4.96E-41	86.13715267
ENSG00000102743	protein_coding	SLC25A15	-1.843270986	2.330524059	-15.28992624	1.24E-42	5.17E-41	86.09310805
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ENSG00000156011	protein_coding	PSD3	1.468050799	2.816865798	15.25195654	1.82E-42	7.50E-41	85.71484911
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ENSG0000010810	protein_coding	FYN	1.117913549	4.391861611	15.24887235	1.87E-42	7.69E-41	85.68413658
ENSG00000120693	protein_coding	SMAD9	-1.791444874	2.751389957	-15.23379283	2.18E-42	8.90E-41	85.53400137
ENSG00000076382	protein_coding	SPAG5	-1.072369832	1.255884306	-15.21164946	2.72E-42	1.10E-40	85.31361948
ENSG00000085741	protein_coding	WNT11	-1.329638012	0.748279954	-15.20740772	2.84E-42	1.14E-40	85.27141485
ENSG00000104059	protein_coding	FAM189A1	-1.33573171	0.781977437	-15.17761582	3.82E-42	1.53E-40	84.97509243
ENSG00000173898	protein_coding	SPTBN2	1.396247796	1.464273853	15.17260553	4.02E-42	1.59E-40	84.92527563
ENSG00000069974	protein_coding	RAB27A	1.572440967	4.658853182	15.16921085	4.16E-42	1.64E-40	84.89152564
ENSG00000172201	protein_coding	ID4	-1.688683499	6.614232138	-15.16103712	4.51E-42	1.78E-40	84.81027179
ENSG00000110492	protein_coding	MDK	2.431740511	5.895263188	15.14565545	5.26E-42	2.07E-40	84.65740177
ENSG00000001617	protein_coding	SEMA3F	1.268064119	4.128730091	15.13811731	5.67E-42	2.22E-40	84.58250202
ENSG00000101412	protein_coding	E2F1	1.282262234	2.037851195	15.10838919	7.64E-42	2.94E-40	84.28723385
ENSG00000050767	protein_coding	COL23A1	-2.874008433	3.375622323	-15.09714827	8.54E-42	3.27E-40	84.17563331
ENSG00000086619	protein_coding	ERO1LB	-1.289043009	2.401665168	-15.09605205	8.64E-42	3.30E-40	84.16475142
ENSG00000073792	protein_coding	IGF2BP2	1.578787232	3.481688299	15.09461865	8.76E-42	3.34E-40	84.15052266
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ENSG00000106100	protein_coding	NOD1	1.998826589	3.255268264	15.00421171	2.16E-41	7.86E-40	83.25396147
ENSG00000164530	protein_coding	PI16	-2.470896657	1.521845981	-15.00384603	2.17E-41	7.87E-40	83.25033852
ENSG00000185112	protein_coding	FAM43A	1.862043076	3.746885018	14.99323467	2.41E-41	8.73E-40	83.1452197
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ENSG00000163545	protein_coding	NUAK2	-1.34336092	3.006515403	-14.98476945	2.62E-41	9.45E-40	83.06137816
ENSG00000149948	protein_coding	HMGA2	1.869539671	1.712136806	14.98027925	2.74E-41	9.83E-40	83.0169123
ENSG00000183696	protein_coding	UPP1	1.750249195	3.423817795	14.95239757	3.62E-41	1.29E-39	82.74090001
ENSG00000128283	protein_coding	CDC42EP1	1.372231477	4.895882033	14.94069051	4.07E-41	1.44E-39	82.62505656
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ENSG00000184584	protein_coding	TMEM173	1.610197659	4.473559034	14.91000397	5.52E-41	1.93E-39	82.32154748
ENSG00000006327	protein_coding	TNFRSF12A	2.383539984	6.096378398	14.87580265	7.75E-41	2.70E-39	81.98351494
ENSG00000143333	protein_coding	RGS16	-1.945767253	4.567781072	-14.86370529	8.75E-41	3.04E-39	81.86401022
ENSG00000184156	protein_coding	KCNQ3	1.662907984	1.61200064	14.84679082	1.03E-40	3.59E-39	81.69697299
ENSG00000072310	protein_coding	SREBF1	1.197706728	4.09945338	14.8346296	1.17E-40	4.03E-39	81.57691472
ENSG00000157502	protein_coding	MUM1L1	-1.947992705	1.320943989	-14.83099931	1.21E-40	4.17E-39	81.54108201
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ENSG00000171219	protein_coding	CDC42BPG	1.048686483	3.403774211	14.78786172	1.86E-40	6.29E-39	81.11551572
ENSG00000129451	protein_coding	KLK10	3.652381117	3.563442133	14.78301355	1.95E-40	6.59E-39	81.06771275
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ENSG00000137124	protein_coding	ALDH1B1	-1.181010594	2.919265	-14.76822612	2.26E-40	7.55E-39	80.92194091
ENSG00000157765	protein_coding	SLC34A2	4.919899056	7.744382908	14.76522106	2.32E-40	7.76E-39	80.89232357
ENSG00000166016	protein_coding	ABTB2	1.652967615	2.421213579	14.75574992	2.55E-40	8.49E-39	80.79899076
ENSG00000132334	protein_coding	PTPRE	1.720188445	2.661449953	14.73994017	2.99E-40	9.91E-39	80.64323923
ENSG00000100253	protein_coding	MIOX	-1.923413384	1.571556059	-14.72120944	3.60E-40	1.18E-38	80.45878402
ENSG00000118971	protein_coding	CCND2	1.239429529	5.478756456	14.71611827	3.78E-40	1.24E-38	80.40866122
ENSG00000167191	protein_coding	GPRC5B	1.171162547	3.870899196	14.70794009	4.10E-40	1.34E-38	80.32815897
ENSG00000186838	protein_coding	SELV	-1.585087147	0.771206605	-14.70376977	4.27E-40	1.39E-38	80.28711401
ENSG00000184916	protein_coding	JAG2	1.030498323	2.404347148	14.649846	7.29E-40	2.34E-38	79.75674419
ENSG00000221890	protein_coding	NPTXR	1.364179514	3.211094319	14.63655151	8.31E-40	2.66E-38	79.6260878
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ENSG00000100196	protein_coding	KDEL3	1.295556918	3.542744829	14.60362965	1.15E-39	3.63E-38	79.30271127
ENSG00000148339	protein_coding	SLC25A25	-1.337341374	2.613010492	-14.59964889	1.20E-39	3.76E-38	79.26362707
ENSG00000143409	protein_coding	FAM63A	-1.039926226	3.849729195	-14.58808751	1.34E-39	4.20E-38	79.15013496
ENSG00000171552	protein_coding	BCL2L1	1.111057742	5.380483412	14.58777282	1.35E-39	4.21E-38	79.14704624
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ENSG00000078804	protein_coding	TP53INP2	-1.240812867	3.601777298	-14.52658852	2.46E-39	7.58E-38	78.54695533
ENSG00000013619	protein_coding	MAMLD1	1.522597953	1.900065605	14.52490904	2.50E-39	7.69E-38	78.53049554
ENSG00000140905	protein_coding	GCSH	-1.133207698	2.408124868	-14.51985361	2.63E-39	8.06E-38	78.48095348
ENSG00000167880	protein_coding	EVPL	1.19947784	3.973400964	14.51818318	2.68E-39	8.18E-38	78.46458504
ENSG00000139211	protein_coding	AMIGO2	1.78947722	2.96012924	14.51502257	2.76E-39	8.40E-38	78.43361612
ENSG00000154175	protein_coding	ABI3BP	-1.900236219	1.851178343	-14.51282971	2.82E-39	8.56E-38	78.41213101
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ENSG00000084444	protein_coding	KIAA1467	-1.019063316	1.439550122	-14.49729759	3.29E-39	9.92E-38	78.25998345
ENSG00000022267	protein_coding	FHL1	-2.69363702	4.441402837	-14.494411	3.38E-39	1.02E-37	78.23171373
ENSG00000166402	protein_coding	TUB	-1.164058729	1.912487441	-14.48585641	3.68E-39	1.10E-37	78.14794603
ENSG00000203485	protein_coding	INF2	1.428205683	3.776995938	14.46292141	4.61E-39	1.37E-37	77.92344943
ENSG00000116260	protein_coding	QSOX1	1.41521389	4.063696951	14.43232372	6.24E-39	1.85E-37	77.62414323
ENSG00000124766	protein_coding	SOX4	1.557655266	4.568537998	14.42174988	6.92E-39	2.04E-37	77.5207623
ENSG00000151849	protein_coding	CENPJ	-1.226428004	1.449104636	-14.39094182	9.37E-39	2.74E-37	77.21970431
ENSG00000156711	protein_coding	MAPK13	1.024820867	4.239104008	14.38741096	9.70E-39	2.83E-37	77.18521523
ENSG00000106541	protein_coding	AGR2	2.645594154	3.568852279	14.38557176	9.88E-39	2.88E-37	77.16725133
ENSG00000162576	protein_coding	MXRA8	2.140700525	5.90303396	14.38202745	1.02E-38	2.97E-37	77.13263551
ENSG00000115705	protein_coding	TPO	-4.87675857	5.048038325	-14.33506408	1.62E-38	4.69E-37	76.67425253
ENSG00000167600	protein_coding	CYP2S1	2.104199028	2.401303976	14.30819291	2.11E-38	6.10E-37	76.41222141
ENSG00000204991	protein_coding	SPIRE2	-1.073950464	1.181269438	-14.29137036	2.49E-38	7.13E-37	76.24826898
ENSG00000089327	protein_coding	FXYS5	1.857467496	4.874369201	14.2878346	2.58E-38	7.37E-37	76.21381832
ENSG00000147065	protein_coding	MSN	1.048872343	7.192202411	14.28371389	2.68E-38	7.66E-37	76.17367227
ENSG00000106809	protein_coding	OGN	-1.892801502	1.149300967	-14.28332685	2.69E-38	7.67E-37	76.16990169
ENSG00000168490	protein_coding	PHYHIP	1.618961284	2.601260333	14.27280093	2.99E-38	8.49E-37	76.06737279
ENSG00000188643	protein_coding	S100A16	1.148224729	5.883482298	14.26184209	3.33E-38	9.41E-37	75.96065625
ENSG00000125257	protein_coding	ABCC4	-1.016409938	1.081527287	-14.26096799	3.36E-38	9.47E-37	75.95214561
ENSG00000179913	protein_coding	B3GNT3	3.415349649	3.32202944	14.25262998	3.64E-38	1.02E-36	75.87097242
ENSG00000162616	protein_coding	DNAJB4	-1.186618935	3.360515303	-14.24398355	3.96E-38	1.11E-36	75.78681512
ENSG00000211448	protein_coding	DI02	-2.274290805	4.481435319	-14.20288302	5.93E-38	1.64E-36	75.38703205
ENSG00000173227	protein_coding	SYT12	2.749197723	2.486056025	14.20243954	5.95E-38	1.64E-36	75.38272063
ENSG00000198121	protein_coding	LPAR1	-1.185193545	1.933727081	-14.19981051	6.11E-38	1.68E-36	75.35716302
ENSG00000118257	protein_coding	NRP2	1.782973435	3.551864857	14.18714884	6.91E-38	1.89E-36	75.2340991
ENSG00000115363	protein_coding	EVA1A	1.937654506	2.731063966	14.18628287	6.97E-38	1.90E-36	75.22568384
ENSG00000120262	protein_coding	CCDC170	-1.008560417	1.514085435	-14.18038222	7.38E-38	2.01E-36	75.16834819
ENSG00000204839	protein_coding	MROH6	1.307349355	1.697942368	14.16436414	8.64E-38	2.35E-36	75.01274773
ENSG00000108924	protein_coding	HLF	-1.820393738	1.71630659	-14.14593244	1.03E-37	2.80E-36	74.83378193
ENSG00000123700	protein_coding	KCNJ2	2.116297658	2.367500412	14.13502638	1.15E-37	3.11E-36	74.72792851
ENSG00000104324	protein_coding	CPQ	-1.266970467	5.729233662	-14.13075275	1.20E-37	3.23E-36	74.68645731
ENSG00000116991	protein_coding	SIPA1L2	1.147777371	3.063088683	14.12599144	1.26E-37	3.37E-36	74.64025921
ENSG00000104635	protein_coding	SLC39A14	-1.390863936	4.0952121	-14.11649928	1.38E-37	3.69E-36	74.54817581
ENSG00000158246	protein_coding	FAM46B	-1.449692047	1.620692293	-14.08000961	1.97E-37	5.20E-36	74.19440568
ENSG00000105650	protein_coding	PDE4C	1.370467518	1.45422121	14.05181151	2.59E-37	6.84E-36	73.92125903
ENSG00000174348	protein_coding	PODN	-1.662417079	1.396224123	-14.04495603	2.77E-37	7.28E-36	73.85488333
ENSG00000171236	protein_coding	LRG1	1.827583871	2.04520174	14.03490275	3.06E-37	7.97E-36	73.75756817

ENSG00000109501	protein_coding	WFS1	-1.223404715	3.997924324	-14.02825919	3.26E-37	8.46E-36	73.69327344
ENSG00000152518	protein_coding	ZFP36L2	-1.2737806	6.309489739	-14.02028558	3.52E-37	9.08E-36	73.6161221
ENSG00000091137	protein_coding	SLC26A4	-3.327189978	4.215777263	-14.01329606	3.77E-37	9.70E-36	73.54850627
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ENSG00000169035	protein_coding	KLK7	3. 208623328	3. 06705139	12. 42852372	1. 32E-30	2. 02E-29	58. 58573729
ENSG00000162595	protein_coding	DIRAS3	1. 733090052	3. 438658206	12. 41468595	1. 50E-30	2. 28E-29	58. 45865508
ENSG00000181649	protein_coding	PHLDA2	1. 708035817	3. 946862141	12. 41287561	1. 53E-30	2. 32E-29	58. 44203444
ENSG00000196420	protein_coding	S100A5	1. 463799714	3. 332342395	12. 40866491	1. 59E-30	2. 40E-29	58. 40338071

ENSG00000205358	protein_coding	MT1H	-3.484436719	2.36026452	-12.39245245	1.85E-30	2.77E-29	58.25461099
ENSG00000124813	protein_coding	RUNX2	1.165052099	1.610069227	12.35292855	2.66E-30	3.97E-29	57.89232194
ENSG00000156510	protein_coding	HKDC1	-1.274033961	1.188691822	-12.32391305	3.48E-30	5.15E-29	57.62671234
ENSG00000136048	protein_coding	DRAM1	1.236998096	2.992031322	12.32165134	3.55E-30	5.24E-29	57.60602123
ENSG00000135636	protein_coding	DYSF	1.018776654	2.720330286	12.31200279	3.88E-30	5.71E-29	57.51777276
ENSG00000099864	protein_coding	PALM	1.546573318	3.62928855	12.30518617	4.13E-30	6.07E-29	57.45544619
ENSG00000109861	protein_coding	CTSC	1.786373678	4.34046043	12.27515435	5.45E-30	7.95E-29	57.18105553
ENSG00000175793	protein_coding	SFN	2.83861844	3.579317574	12.26671111	5.89E-30	8.56E-29	57.10397145
ENSG00000179593	protein_coding	ALOX15B	2.399632948	3.435102047	12.24416624	7.24E-30	1.05E-28	56.8982709
ENSG00000105270	protein_coding	CLIP3	1.388160796	2.640721805	12.24251674	7.35E-30	1.06E-28	56.883228
ENSG00000135437	protein_coding	RDH5	1.199189877	1.401957546	12.23341547	8.00E-30	1.15E-28	56.80024554
ENSG00000168785	protein_coding	TSPAN5	-1.014189301	2.071607931	-12.2298961	8.26E-30	1.19E-28	56.76816513
ENSG00000186510	protein_coding	CLCNKA	-1.423357503	0.774170052	-12.22911492	8.32E-30	1.19E-28	56.76104497
ENSG00000146070	protein_coding	PLA2G7	-1.461312086	2.817413631	-12.2290245	8.33E-30	1.19E-28	56.76022086
ENSG00000066468	protein_coding	FGFR2	-1.19066608	3.178614738	-12.21249438	9.69E-30	1.38E-28	56.60960862
ENSG00000167107	protein_coding	ACSF2	-1.019535463	3.545216274	-12.20015294	1.09E-29	1.54E-28	56.4972263
ENSG00000131771	protein_coding	PPP1R1B	1.583929493	1.499212286	12.17778271	1.33E-29	1.88E-28	56.29366373
ENSG00000054690	protein_coding	PLEKHH1	-1.333580277	3.163406185	-12.16982352	1.43E-29	2.01E-28	56.22128188
ENSG00000115641	protein_coding	FHL2	-1.187449178	1.819902539	-12.16684497	1.47E-29	2.07E-28	56.19420064
ENSG00000196639	protein_coding	HRH1	1.264531581	1.592698689	12.15483845	1.64E-29	2.30E-28	56.08506941
ENSG00000174950	protein_coding	CD164L2	1.323532378	1.378950701	12.15409624	1.66E-29	2.31E-28	56.07832502
ENSG00000135604	protein_coding	STX11	-1.182998496	2.014550283	-12.14394292	1.82E-29	2.53E-28	55.98608264
ENSG00000187730	protein_coding	GABRD	1.455878137	1.741977879	12.132034	2.03E-29	2.81E-28	55.87793946
ENSG00000188536	protein_coding	HBA2	-2.139893515	3.081618382	-12.1177386	2.31E-29	3.19E-28	55.74819461
ENSG00000167617	protein_coding	CDC42EP5	1.405747625	3.308575313	12.09615063	2.81E-29	3.87E-28	55.55240705
ENSG00000183317	protein_coding	EPHA10	1.07045685	1.030872429	12.0722258	3.50E-29	4.80E-28	55.33562936
ENSG00000175556	protein_coding	LONRF3	-1.146517259	1.659673578	-12.07207085	3.50E-29	4.80E-28	55.33422609
ENSG00000106992	protein_coding	AK1	1.118451557	3.707654591	12.06444699	3.76E-29	5.14E-28	55.26519351
ENSG00000135046	protein_coding	ANXA1	1.663992595	7.786841156	12.05573351	4.07E-29	5.55E-28	55.18632145
ENSG00000183844	protein_coding	FAM3B	-1.053519248	0.995374077	-12.04234422	4.60E-29	6.23E-28	55.06518093
ENSG00000101098	protein_coding	RIMS4	-1.397859598	1.204588506	-12.0393244	4.72E-29	6.38E-28	55.03786823
ENSG00000108950	protein_coding	FAM20A	2.11813589	3.586819566	12.02889136	5.20E-29	6.99E-28	54.94353335
ENSG00000177606	protein_coding	JUN	-1.840425629	6.660157298	-12.02281967	5.49E-29	7.38E-28	54.88865241
ENSG00000109846	protein_coding	CRYAB	-1.711599123	5.413588873	-12.00248929	6.61E-29	8.84E-28	54.70499156
ENSG00000133048	protein_coding	CHI3L1	3.833857637	5.203782527	12.00062382	6.72E-29	8.99E-28	54.68814716
ENSG00000170624	protein_coding	SGCD	-1.364869754	1.22015834	-11.98707136	7.60E-29	1.01E-27	54.56581352
ENSG00000125144	protein_coding	MT1G	-4.383313342	4.951995949	-11.97818833	8.24E-29	1.09E-27	54.48566726
ENSG00000065361	protein_coding	ERBB3	1.436833733	3.260955714	11.97540554	8.46E-29	1.12E-27	54.46056601
ENSG00000128268	protein_coding	MGAT3	2.094151575	2.616186975	11.96743536	9.09E-29	1.20E-27	54.38868997
ENSG00000106688	protein_coding	SLC1A1	-1.506907347	2.755255657	-11.96449178	9.34E-29	1.23E-27	54.36215057
ENSG00000142669	protein_coding	SH3BGRL3	1.097863374	6.524589751	11.94869655	1.08E-28	1.42E-27	54.21979669
ENSG00000164400	protein_coding	CSF2	1.261048679	1.145261038	11.9486122	1.08E-28	1.42E-27	54.21903678
ENSG00000160888	protein_coding	IER2	-1.57387415	5.708321022	-11.94071572	1.16E-28	1.52E-27	54.14790617
ENSG00000050344	protein_coding	NFE2L3	1.914812112	2.936323457	11.93553276	1.21E-28	1.59E-27	54.10123171
ENSG00000181035	protein_coding	SLC25A42	-1.021631207	3.301664468	-11.93145539	1.26E-28	1.65E-27	54.0645207
ENSG00000183508	protein_coding	FAM46C	-1.11714212	3.075164914	-11.90869236	1.55E-28	2.02E-27	53.85968897
ENSG00000160678	protein_coding	S100A1	1.71753747	6.509966594	11.90391123	1.62E-28	2.10E-27	53.81669165
ENSG00000175084	protein_coding	DES	-1.841266369	1.200819967	-11.89684336	1.73E-28	2.24E-27	53.75314562
ENSG00000146072	protein_coding	TNFRSF21	1.556511725	3.391254665	11.8902668	1.83E-28	2.37E-27	53.69403413
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ENSG00000128165	protein_coding	ADM2	-1.6113723	2.202262763	-11.870193	2.20E-28	2.82E-27	53.51371022
ENSG00000187513	protein_coding	GJA4	1.516505675	4.678948393	11.86880846	2.22E-28	2.86E-27	53.50127865
ENSG00000134107	protein_coding	BHLHE40	1.622272231	6.140067406	11.86763191	2.25E-28	2.89E-27	53.49071515
ENSG00000150893	protein_coding	FREM2	-1.036723561	1.346121686	-11.85344475	2.56E-28	3.26E-27	53.36337966
ENSG00000121742	protein_coding	GJB6	-1.290012573	1.227504574	-11.8314961	3.12E-28	3.97E-27	53.16653607
ENSG00000178445	protein_coding	GLDC	-1.44222994	0.646005725	-11.82623603	3.27E-28	4.15E-27	53.11938973
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ENSG00000105011	protein_coding	ASF1B	1.02294825	1.893558126	11.81986085	3.46E-28	4.38E-27	53.06226315
ENSG00000138166	protein_coding	DUSP5	2.24484231	5.519483219	11.80242221	4.05E-28	5.11E-27	52.90608054
ENSG00000167767	protein_coding	KRT80	1.674975321	2.549292614	11.75167643	6.41E-28	7.94E-27	52.45227534
ENSG00000127951	protein_coding	FGL2	-1.426074232	2.614566042	-11.72167362	8.39E-28	1.02E-26	52.18444732
ENSG00000088882	protein_coding	CPXM1	-2.269275141	2.673015195	-11.71727472	8.73E-28	1.06E-26	52.14520941
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ENSG00000138061	protein_coding	CYP1B1	2.339850219	3.440388669	11.6589458	1.47E-27	1.75E-26	51.62564925
ENSG00000185567	protein_coding	AHNAK2	1.752962499	1.960213001	11.65849332	1.48E-27	1.76E-26	51.62162413
ENSG00000101460	protein_coding	MAP1LC3A	-1.069605671	3.281993722	-11.64954826	1.60E-27	1.90E-26	51.54206887
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ENSG00000133026	protein_coding	MYH10	1.199224188	4.515734065	11.5908045	2.71E-27	3.17E-26	51.02041717

ENSG00000148346	protein_coding	LCN2	3.086199076	3.60320969	11.58744342	2.80E-27	3.26E-26	50.99061265
ENSG00000113396	protein_coding	SLC27A6	2.694228126	3.520395984	11.56968067	3.28E-27	3.79E-26	50.83317676
ENSG00000057657	protein_coding	PRDM1	1.447146598	3.829347354	11.55130764	3.86E-27	4.46E-26	50.670467
ENSG00000011465	protein_coding	DCN	-2.292669647	2.913069401	-11.54909489	3.94E-27	4.54E-26	50.6508804
ENSG00000122877	protein_coding	EGR2	-2.281750209	3.862717531	-11.54453612	4.10E-27	4.72E-26	50.61053382
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ENSG00000184164	protein_coding	CRELD2	-1.13862482	3.228248555	-11.50036445	6.09E-27	6.89E-26	50.22004138
ENSG00000163638	protein_coding	ADAMTS9	1.642673869	2.509944414	11.49690063	6.28E-27	7.10E-26	50.18945398
ENSG00000175445	protein_coding	LPL	1.607652817	2.713621894	11.45860049	8.83E-27	9.89E-26	49.85157264
ENSG00000005243	protein_coding	COPZ2	-1.079131589	2.892329979	-11.44757352	9.73E-27	1.09E-25	49.75440598
ENSG00000144681	protein_coding	STAC	1.068283168	1.154622215	11.44341702	1.01E-26	1.13E-25	49.71779317
ENSG00000132470	protein_coding	ITGB4	1.581256529	3.756904256	11.4358206	1.08E-26	1.20E-25	49.65089799
ENSG00000197594	protein_coding	ENPP1	-1.583013775	2.923547972	-11.43432022	1.10E-26	1.22E-25	49.63768831
ENSG00000171766	protein_coding	GATM	-1.416841638	2.32388756	-11.43115841	1.13E-26	1.25E-25	49.60985401
ENSG00000166816	protein_coding	LDHD	-1.360605006	2.280298577	-11.41160585	1.34E-26	1.48E-25	49.43781994
ENSG00000127083	protein_coding	OMD	-1.435373403	1.087184888	-11.34802943	2.35E-26	2.55E-25	48.87954541
ENSG00000058085	protein_coding	LAMC2	1.170492873	5.018490194	11.34480366	2.42E-26	2.62E-25	48.85126469
ENSG00000063180	protein_coding	CA11	1.099874196	4.511143614	11.34110493	2.50E-26	2.70E-25	48.81884287
ENSG00000188549	protein_coding	C15orf52	-1.073918584	2.329058104	-11.31504557	3.15E-26	3.37E-25	48.59057923
ENSG00000173846	protein_coding	PLK3	1.030381954	3.306215278	11.31196877	3.24E-26	3.46E-25	48.56364729
ENSG00000167434	protein_coding	CA4	-1.994834319	1.682031379	-11.310626	3.27E-26	3.50E-25	48.55189499
ENSG00000143416	protein_coding	SELENBP1	-1.216442138	5.630229829	-11.30099151	3.57E-26	3.81E-25	48.46759377
ENSG00000144485	protein_coding	HES6	1.465289959	2.529857805	11.29415074	3.79E-26	4.03E-25	48.40776129
ENSG00000134873	protein_coding	CLDN10	2.150299484	1.960502924	11.2650038	4.90E-26	5.16E-25	48.15305223
ENSG00000133794	protein_coding	ARNTL	1.494649093	3.299097919	11.25862096	5.18E-26	5.45E-25	48.09732232
ENSG00000149428	protein_coding	HYOU1	-1.19722636	4.433604346	-11.23158734	6.57E-26	6.86E-25	47.86147916
ENSG00000168878	protein_coding	SFTPBP	4.059366273	6.213096385	11.23130119	6.59E-26	6.88E-25	47.85898442
ENSG00000136883	protein_coding	KIF12	-1.22862369	2.80481505	-11.20861438	8.04E-26	8.35E-25	47.6613079
ENSG00000189377	protein_coding	CXCL17	2.461090483	2.826482661	11.20649274	8.19E-26	8.49E-25	47.64283272
ENSG00000077942	protein_coding	FBLN1	-2.101348847	2.680167248	-11.20451577	8.34E-26	8.63E-25	47.62561916
ENSG00000159239	protein_coding	C2orf81	1.041594921	2.712376491	11.1902803	9.45E-26	9.75E-25	47.50171975
ENSG00000186205	protein_coding	MARC1	-1.097452894	2.464219004	-11.18617695	9.79E-26	1.01E-24	47.46602222
ENSG00000149212	protein_coding	SESN3	-1.004542192	3.012195805	-11.16995173	1.13E-25	1.16E-24	47.3249404
ENSG00000006042	protein_coding	TMEM98	1.187155983	4.784180204	11.16337602	1.20E-25	1.23E-24	47.26779566
ENSG00000176387	protein_coding	HSD11B2	-1.42945989	1.704232084	-11.14572616	1.40E-25	1.43E-24	47.11450609
ENSG00000148926	protein_coding	ADM	1.599211473	3.462717984	11.14185154	1.44E-25	1.47E-24	47.08087304
ENSG00000163879	protein_coding	DNALI1	-1.27989721	2.637860498	-11.12779411	1.63E-25	1.66E-24	46.95890447
ENSG00000113532	protein_coding	ST8SIA4	1.001212164	1.893361049	11.11761274	1.79E-25	1.81E-24	46.87062011
ENSG00000134013	protein_coding	LOXL2	1.039849741	1.898033122	11.11427552	1.84E-25	1.86E-24	46.84169232
ENSG00000137033	protein_coding	IL33	-1.114656521	1.743323589	-11.09840245	2.11E-25	2.13E-24	46.70416772
ENSG00000166922	protein_coding	SCG5	1.838563549	3.90237468	11.09382456	2.20E-25	2.22E-24	46.66452528
ENSG00000163435	protein_coding	ELF3	1.559096797	2.743909001	11.08496963	2.38E-25	2.39E-24	46.5878717
ENSG00000101955	protein_coding	SRPX	-1.33606086	2.145958162	-11.0544842	3.10E-25	3.10E-24	46.32423473
ENSG00000070404	protein_coding	FSTL3	1.424299344	3.784708684	11.05163396	3.18E-25	3.18E-24	46.29960683
ENSG00000140263	protein_coding	SORD	-1.402013025	4.802193954	-11.01482556	4.38E-25	4.34E-24	45.98188146
ENSG00000111275	protein_coding	ALDH2	-1.02769749	3.209883329	-11.01336837	4.44E-25	4.39E-24	45.96931545
ENSG00000034510	protein_coding	TMSB10	1.287979944	10.60136929	11.00594616	4.73E-25	4.67E-24	45.90532539
ENSG00000111348	protein_coding	ARHGDI1B	1.160428439	6.392463155	10.9922741	5.33E-25	5.24E-24	45.78751657
ENSG00000101282	protein_coding	RSPO4	1.638327399	2.533037937	10.98996988	5.44E-25	5.34E-24	45.7676699
ENSG00000143839	protein_coding	REN	1.083357165	0.99659284	10.95255149	7.52E-25	7.33E-24	45.44570887
ENSG00000171885	protein_coding	AQP4	-1.542832746	1.654841284	-10.94172421	8.26E-25	8.04E-24	45.35266388
ENSG00000117122	protein_coding	MFAP2	1.475829613	2.474816641	10.93000519	9.15E-25	8.87E-24	45.25201483
ENSG00000175906	protein_coding	ARL4D	-1.070989134	4.818670427	-10.92673597	9.41E-25	9.12E-24	45.2239481
ENSG00000167644	protein_coding	C19orf33	2.262265971	5.110800201	10.91472993	1.04E-24	1.01E-23	45.12091551
ENSG00000196352	protein_coding	CD55	2.04315058	5.71667437	10.87109926	1.52E-24	1.46E-23	44.74703598
ENSG00000164326	protein_coding	CARTPT	-2.198593589	0.966764182	-10.8672647	1.57E-24	1.50E-23	44.71421798
ENSG00000142871	protein_coding	CYR61	-1.957129373	6.447451597	-10.83768938	2.03E-24	1.92E-23	44.46132273
ENSG00000179403	protein_coding	VWA1	1.082612518	4.168473004	10.8119452	2.54E-24	2.38E-23	44.24151101
ENSG00000105281	protein_coding	SLC1A5	1.48327014	3.267386852	10.80299705	2.74E-24	2.57E-23	44.1651798
ENSG00000114529	protein_coding	C3orf52	-1.000535217	1.805425765	-10.77571789	3.47E-24	3.23E-23	43.9327041
ENSG00000175315	protein_coding	CST6	2.926676062	6.216581794	10.76740358	3.72E-24	3.47E-23	43.86191657
ENSG00000152611	protein_coding	CAPSL	-1.268259641	0.942784584	-10.75992812	3.97E-24	3.69E-23	43.7982981
ENSG00000111885	protein_coding	MAN1A1	-1.059442436	2.804234493	-10.74110308	4.67E-24	4.31E-23	43.63820524
ENSG00000167900	protein_coding	TK1	1.118229965	2.463407078	10.7261911	5.30E-24	4.89E-23	43.51150605
ENSG00000184254	protein_coding	ALDH1A3	1.386522832	1.798457318	10.72535309	5.34E-24	4.93E-23	43.50438893
ENSG00000167693	protein_coding	NXN	1.096838956	3.330273848	10.7134203	5.92E-24	5.42E-23	43.40308108
ENSG00000120708	protein_coding	TGFBI	1.429703997	3.443994278	10.70895181	6.15E-24	5.62E-23	43.36516111
ENSG00000105559	protein_coding	PLEKHA4	1.341553266	4.698234689	10.69688369	6.82E-24	6.21E-23	43.26279636
ENSG00000127955	protein_coding	GNAI1	-1.016680105	2.327225742	-10.67188379	8.44E-24	7.64E-23	43.05095641
ENSG00000102109	protein_coding	PCSK1N	2.550856559	2.771963944	10.66895809	8.66E-24	7.82E-23	43.02618409
ENSG00000185650	protein_coding	ZFP36L1	1.123438081	7.161134378	10.66077177	9.28E-24	8.37E-23	42.95689064
ENSG00000117318	protein_coding	ID3	-1.348626104	6.008957656	-10.65326217	9.90E-24	8.92E-23	42.89335287

ENSG00000100097	protein_coding	LGALS1	1.500166655	7.045000242	10.64359387	1.07E-23	9.67E-23	42.81158931
ENSG00000164379	protein_coding	FOXQ1	1.821402319	4.05657536	10.62208829	1.29E-23	1.15E-22	42.62987652
ENSG00000116962	protein_coding	NID1	1.064960843	3.254988974	10.60874842	1.45E-23	1.29E-22	42.51726943
ENSG00000168497	protein_coding	SDPR	-1.724050132	4.242467909	-10.58734298	1.74E-23	1.54E-22	42.3367527
ENSG00000112559	protein_coding	MDF1	1.423021481	1.976954508	10.5654227	2.09E-23	1.84E-22	42.15211814
ENSG00000205542	protein_coding	TMSB4X	1.330402631	9.058810636	10.56451068	2.11E-23	1.85E-22	42.14444114
ENSG00000132821	protein_coding	VSTM2L	1.60420544	2.473740016	10.56048286	2.18E-23	1.92E-22	42.11054124
ENSG00000116983	protein_coding	HPCAL4	1.727979368	1.655157288	10.53731091	2.66E-23	2.33E-22	41.91566542
ENSG00000035664	protein_coding	DAPK2	1.51962562	4.651075305	10.51761463	3.14E-23	2.74E-22	41.75022048
ENSG00000058335	protein_coding	RASGRF1	1.088947333	1.032546308	10.51232392	3.28E-23	2.86E-22	41.70581096
ENSG00000109762	protein_coding	SNX25	1.044865457	3.858190714	10.50132153	3.60E-23	3.12E-22	41.61350119
ENSG00000181218	protein_coding	HIST3H2A	1.555369212	2.039377576	10.50044646	3.63E-23	3.14E-22	41.6061618
ENSG00000106780	protein_coding	MEGF9	1.120347793	4.703801857	10.49772958	3.72E-23	3.21E-22	41.58337731
ENSG00000077274	protein_coding	CAPN6	-1.089970651	0.760691692	-10.49712484	3.73E-23	3.23E-22	41.57830628
ENSG00000163131	protein_coding	CTSS	1.327896567	4.825471753	10.49103757	3.93E-23	3.39E-22	41.52727123
ENSG00000152128	protein_coding	TMEM163	1.690834666	1.817426215	10.48999104	3.97E-23	3.41E-22	41.51849907
ENSG00000101230	protein_coding	ISM1	-1.697459047	3.544041115	-10.47240862	4.60E-23	3.94E-22	41.3711983
ENSG00000170500	protein_coding	LONRF2	1.539858851	3.558803537	10.41903768	7.23E-23	6.09E-22	40.92498033
ENSG00000078596	protein_coding	ITM2A	-1.19430923	4.399942208	-10.41106657	7.73E-23	6.49E-22	40.85845418
ENSG00000176907	protein_coding	C8orf4	2.143923104	5.23266265	10.39495275	8.85E-23	7.39E-22	40.72406357
ENSG00000102804	protein_coding	TSC22D1	1.546797746	6.155078	10.39138618	9.12E-23	7.58E-22	40.6943351
ENSG00000147256	protein_coding	ARHGAP36	3.610084819	3.294425989	10.38962859	9.26E-23	7.69E-22	40.67968726
ENSG00000187017	protein_coding	ESPN	1.314154953	1.203956305	10.38389081	9.72E-23	8.05E-22	40.63187891
ENSG00000167105	protein_coding	TMEM92	1.262151534	1.129841767	10.38153299	9.91E-23	8.21E-22	40.61223769
ENSG00000169604	protein_coding	ANTXR1	-1.119696114	3.518794331	-10.3704194	1.09E-22	8.99E-22	40.51969518
ENSG00000163171	protein_coding	CDC42EP3	1.161169856	2.706492683	10.33905248	1.42E-22	1.16E-21	40.25882798
ENSG00000111962	protein_coding	UST	-1.104455314	3.80094245	-10.32936253	1.54E-22	1.26E-21	40.17833724
ENSG00000064655	protein_coding	EYA2	-1.185368061	2.493060677	-10.32297163	1.62E-22	1.32E-21	40.12527566
ENSG00000198959	protein_coding	TGM2	1.548684561	3.904342013	10.31381534	1.75E-22	1.42E-21	40.04928871
ENSG00000088881	protein_coding	EBF4	-1.612575144	2.505432812	-10.30127229	1.94E-22	1.58E-21	39.94526215
ENSG00000131016	protein_coding	AKAP12	-1.291600308	2.659230641	-10.29792382	2.00E-22	1.62E-21	39.91750447
ENSG00000164733	protein_coding	CTSB	1.017163845	10.1998679	10.2759108	2.40E-22	1.94E-21	39.73516125
ENSG00000141934	protein_coding	PPAP2C	1.236054543	2.155100977	10.27134625	2.50E-22	2.01E-21	39.69738095
ENSG00000143845	protein_coding	ETNK2	1.178107622	3.42755686	10.26323144	2.67E-22	2.14E-21	39.63024103
ENSG00000168447	protein_coding	SCNN1B	-1.032410025	1.57336626	-10.25507172	2.86E-22	2.29E-21	39.56276218
ENSG00000163083	protein_coding	INHBB	1.565530557	5.126449134	10.23718321	3.32E-22	2.65E-21	39.41494404
ENSG00000105664	protein_coding	COMP	2.478019695	2.831469607	10.2365028	3.34E-22	2.66E-21	39.40932468
ENSG00000187122	protein_coding	SLIT1	2.216220063	2.115114654	10.21811205	3.89E-22	3.10E-21	39.25752779
ENSG00000042832	protein_coding	TG	-1.989929894	10.96871907	-10.20773253	4.25E-22	3.37E-21	39.17192957
ENSG00000099194	protein_coding	SCD	1.205058025	2.429318274	10.20367195	4.39E-22	3.49E-21	39.13845717
ENSG00000091490	protein_coding	SEL1L3	1.360117395	4.013369109	10.19621275	4.67E-22	3.69E-21	39.07699049
ENSG00000068650	protein_coding	ATP11A	1.235825774	3.834797555	10.17818855	5.43E-22	4.27E-21	38.92857862
ENSG00000243449	protein_coding	C4orf48	1.694600521	3.151223778	10.16344571	6.14E-22	4.81E-21	38.80730611
ENSG00000172348	protein_coding	RCAN2	-1.085238141	2.461129242	-10.15937666	6.35E-22	4.97E-21	38.77385385
ENSG00000117069	protein_coding	ST6GALNAC5	1.722553231	1.617512561	10.12703543	8.30E-22	6.45E-21	38.50826681
ENSG00000099812	protein_coding	MISP	1.463965894	1.607168743	10.0960079	1.07E-21	8.22E-21	38.25396224
ENSG00000167183	protein_coding	PRR15L	-1.509528269	4.579812313	-10.08120711	1.21E-21	9.27E-21	38.13282467
ENSG00000139055	protein_coding	ERP27	1.542226466	3.129428194	10.04602295	1.62E-21	1.23E-20	37.84530394
ENSG00000125740	protein_coding	FOSB	-2.967326626	4.576211157	-10.04453029	1.64E-21	1.24E-20	37.83312004
ENSG00000124205	protein_coding	EDN3	-2.275416696	1.869405122	-10.0427489	1.67E-21	1.26E-20	37.81858075
ENSG00000156103	protein_coding	MMP16	1.007492087	1.170832049	10.02786928	1.89E-21	1.42E-20	37.69720028
ENSG00000009765	protein_coding	IYD	-2.191151417	5.495095424	-10.02094193	2.00E-21	1.50E-20	37.64072894
ENSG00000174939	protein_coding	ASPHD1	1.018530509	1.019358809	9.987784327	2.62E-21	1.96E-20	37.3707693
ENSG00000128849	protein_coding	CGNL1	-1.371218862	3.249227023	-9.976382461	2.88E-21	2.14E-20	37.27806862
ENSG00000185739	protein_coding	SRL	1.087243327	2.480639187	9.975735111	2.89E-21	2.15E-20	37.27280746
ENSG00000012779	protein_coding	ALOX5	2.354052056	3.631815095	9.973645318	2.95E-21	2.19E-20	37.25582473
ENSG00000105707	protein_coding	HPN	1.570496687	4.514001523	9.934699538	4.05E-21	2.98E-20	36.93974205
ENSG00000107742	protein_coding	SPOCK2	2.196711116	4.924424581	9.92975098	4.22E-21	3.10E-20	36.89963567
ENSG00000136928	protein_coding	GABBR2	1.732856389	3.003415841	9.923593871	4.44E-21	3.25E-20	36.84975204
ENSG00000131097	protein_coding	HIGD1B	1.11879423	1.789401075	9.919041114	4.61E-21	3.37E-20	36.81287914
ENSG00000171033	protein_coding	PKIA	-1.186833497	3.153681955	-9.907144149	5.08E-21	3.70E-20	36.7165759
ENSG00000161682	protein_coding	FAM171A2	1.01836567	2.075957395	9.897928402	5.48E-21	3.98E-20	36.64202689
ENSG00000181104	protein_coding	F2R	1.050171461	3.36513454	9.859173728	7.52E-21	5.42E-20	36.32901096
ENSG00000197329	protein_coding	PELI1	1.306215325	3.115884115	9.854886504	7.78E-21	5.61E-20	36.29443168
ENSG00000123975	protein_coding	CKS2	1.053817671	4.260848128	9.852227492	7.95E-21	5.73E-20	36.27298981
ENSG00000147027	protein_coding	TMEM47	-1.051741326	2.638269855	-9.849456821	8.14E-21	5.85E-20	36.25065146
ENSG00000120738	protein_coding	EGR1	-1.813696609	7.476493612	-9.844482604	8.47E-21	6.09E-20	36.21055723
ENSG00000152377	protein_coding	SPOCK1	1.539925379	2.555812994	9.815071135	1.08E-20	7.65E-20	35.97375301
ENSG00000176046	protein_coding	NUPR1	-1.687360187	4.220452035	-9.796791784	1.25E-20	8.83E-20	35.82680655
ENSG00000163082	protein_coding	SGPP2	-1.234065484	2.993271952	-9.792560639	1.29E-20	9.13E-20	35.79281767
ENSG00000182795	protein_coding	Clorf116	1.349826515	3.504555682	9.782066183	1.41E-20	9.91E-20	35.7085561
ENSG00000124762	protein_coding	CDKN1A	1.280406349	6.228100252	9.779258477	1.44E-20	1.01E-19	35.68602243
ENSG00000181374	protein_coding	CCL13	1.584973043	2.043330107	9.762202926	1.65E-20	1.16E-19	35.54922979

ENSG00000159200	protein_coding	RCAN1	-1.358712485	2.674734178	-9.723008377	2.27E-20	1.58E-19	35.2354555
ENSG00000142634	protein_coding	EFHD2	1.021080251	6.245468164	9.686941997	3.04E-20	2.09E-19	34.9474438
ENSG00000135063	protein_coding	FAM189A2	-1.069821541	4.364924916	-9.672429207	3.42E-20	2.34E-19	34.83174589
ENSG00000250479	protein_coding	CHCHD10	-1.110787959	4.471415503	-9.670892751	3.46E-20	2.37E-19	34.81950363
ENSG00000176788	protein_coding	BASP1	1.264120618	4.912105785	9.668158555	3.54E-20	2.42E-19	34.79772108
ENSG00000204544	protein_coding	MUC21	1.907308421	1.741289652	9.65767064	3.85E-20	2.63E-19	34.71420394
ENSG00000060656	protein_coding	PTPRU	1.174782671	3.018965328	9.649600937	4.11E-20	2.80E-19	34.6499835
ENSG00000166165	protein_coding	CKB	-1.160866213	5.493929032	-9.646836259	4.20E-20	2.86E-19	34.62798962
ENSG00000142627	protein_coding	EPHA2	1.006787953	4.231313401	9.632323713	4.72E-20	3.21E-19	34.51260494
ENSG00000135925	protein_coding	WNT10A	1.330581674	1.555919207	9.592469515	6.50E-20	4.37E-19	34.19631885
ENSG00000172508	protein_coding	CARNS1	1.10607848	3.134489143	9.561585807	8.32E-20	5.58E-19	33.95181234
ENSG00000180447	protein_coding	GAS1	-1.078304132	1.24724378	-9.534459756	1.03E-19	6.86E-19	33.73748127
ENSG00000078725	protein_coding	BRINP1	1.170955431	1.33418334	9.533392829	1.04E-19	6.91E-19	33.72905932
ENSG00000156535	protein_coding	CD109	1.179982336	1.702365506	9.526308873	1.10E-19	7.30E-19	33.67315677
ENSG00000197046	protein_coding	SIGLEC15	1.007496833	1.027406537	9.522047122	1.14E-19	7.55E-19	33.63953861
ENSG00000205362	protein_coding	MT1A	-1.189352758	1.237273036	-9.50054572	1.35E-19	8.91E-19	33.47007898
ENSG00000146555	protein_coding	SDK1	1.25201281	1.538897353	9.490420514	1.47E-19	9.64E-19	33.39036625
ENSG00000119630	protein_coding	PGF	-1.465713576	3.185218636	-9.455681483	1.94E-19	1.26E-18	33.11730252
ENSG00000102401	protein_coding	ARMCX3	1.453098222	5.997286926	9.446755021	2.08E-19	1.35E-18	33.04724356
ENSG00000189129	protein_coding	PLAC9	-1.153360122	2.294446958	-9.446005748	2.09E-19	1.36E-18	33.04136491
ENSG00000131094	protein_coding	C1QL1	1.490759152	1.547491859	9.442892792	2.14E-19	1.39E-18	33.01694458
ENSG00000175567	protein_coding	UCP2	1.036838314	6.329084445	9.426955433	2.43E-19	1.57E-18	32.89200366
ENSG00000106546	protein_coding	AHR	1.025752533	4.268518406	9.425308634	2.46E-19	1.59E-18	32.87910155
ENSG00000109255	protein_coding	NMU	2.555910977	2.650029894	9.41476375	2.68E-19	1.72E-18	32.7965214
ENSG00000123095	protein_coding	BHLHE41	1.143421565	6.046282436	9.412315351	2.73E-19	1.76E-18	32.77735604
ENSG00000118898	protein_coding	PPL	1.152148806	5.279517318	9.371595328	3.77E-19	2.40E-18	32.45909713
ENSG00000163141	protein_coding	BNIP1	1.221004133	2.71000047	9.328190084	5.31E-19	3.34E-18	32.12086402
ENSG00000128040	protein_coding	SPINK2	1.007351172	1.490176753	9.320721759	5.63E-19	3.54E-18	32.06277328
ENSG00000011422	protein_coding	PLAUR	1.404788336	2.528090543	9.317070105	5.79E-19	3.63E-18	32.03438102
ENSG00000167741	protein_coding	GGT6	1.113361038	1.30082092	9.312223971	6.02E-19	3.77E-18	31.99671297
ENSG00000138308	protein_coding	PLA2G12B	1.269345991	1.166805601	9.308176631	6.21E-19	3.89E-18	31.96526383
ENSG00000143320	protein_coding	CRABP2	1.806454805	5.539722068	9.305385277	6.35E-19	3.97E-18	31.94357945
ENSG00000125851	protein_coding	PCSK2	2.605278153	4.366625415	9.297453122	6.76E-19	4.22E-18	31.88198303
ENSG00000115884	protein_coding	SDC1	1.000943935	5.242340503	9.26601407	8.65E-19	5.35E-18	31.63819277
ENSG00000185499	protein_coding	MUC1	1.918091498	4.090578468	9.237330045	1.08E-18	6.66E-18	31.41625061
ENSG00000171812	protein_coding	COL8A2	1.555202926	4.384524844	9.231935363	1.13E-18	6.93E-18	31.37456115
ENSG00000134817	protein_coding	APLNR	1.082807309	3.327994847	9.228790916	1.16E-18	7.09E-18	31.35026882
ENSG00000240583	protein_coding	AQP1	1.022988888	5.507369977	9.228465394	1.16E-18	7.11E-18	31.34775433
ENSG00000158457	protein_coding	TSPAN33	-1.106717837	2.559092159	-9.183668493	1.65E-18	9.96E-18	31.00229275
ENSG00000124731	protein_coding	TREM1	1.087181493	1.333674736	9.179989939	1.69E-18	1.02E-17	30.97397527
ENSG00000092758	protein_coding	COL9A3	-2.111114437	1.537235397	-9.171628015	1.81E-18	1.09E-17	30.90963386
ENSG00000180530	protein_coding	NRIP1	1.082250983	3.008666061	9.160434026	1.97E-18	1.19E-17	30.82356316
ENSG00000184613	protein_coding	NELL2	1.978909961	4.23818853	9.150067754	2.14E-18	1.28E-17	30.74392041
ENSG00000119508	protein_coding	NR4A3	-1.547489239	1.330988439	-9.123292202	2.63E-18	1.57E-17	30.53849093
ENSG00000124107	protein_coding	SLPI	2.639249741	6.100429054	9.104128767	3.06E-18	1.81E-17	30.3917154
ENSG00000060616	protein_coding	CRLF1	2.536187387	3.67872088	9.101856146	3.11E-18	1.84E-17	30.37432302
ENSG00000041982	protein_coding	TNC	1.777125086	3.238977918	9.09602925	3.25E-18	1.92E-17	30.32974329
ENSG00000275342	protein_coding	SGK223	-1.0027453	3.65176375	-9.046307763	4.78E-18	2.78E-17	29.9501339
ENSG00000167779	protein_coding	IGFBP6	2.099120937	6.352383125	9.040272728	5.01E-18	2.90E-17	29.90415509
ENSG00000188290	protein_coding	HES4	1.070412394	2.373962059	9.023756208	5.69E-18	3.28E-17	29.77842916
ENSG00000171877	protein_coding	FRMD5	1.146549398	1.200009664	8.996503839	7.01E-18	4.01E-17	29.57132592
ENSG00000102924	protein_coding	CBLN1	1.888469103	2.253545177	8.986724604	7.56E-18	4.32E-17	29.49711412
ENSG00000101670	protein_coding	LIPG	-1.339431442	3.97615485	-8.971289907	8.51E-18	4.84E-17	29.38009782
ENSG00000075461	protein_coding	CACNG4	1.229607326	1.165429096	8.945194927	1.04E-17	5.87E-17	29.18257764
ENSG00000170558	protein_coding	CDH2	1.838329973	2.821250632	8.912245756	1.34E-17	7.50E-17	28.93374474
ENSG00000198805	protein_coding	PNP	1.494282403	3.90497879	8.857146485	2.04E-17	1.12E-16	28.51905801
ENSG00000115457	protein_coding	IGFBP2	1.038354366	2.802749032	8.848240163	2.18E-17	1.20E-16	28.45219547
ENSG00000133392	protein_coding	MYH11	-1.09519783	1.600342875	-8.790062866	3.39E-17	1.85E-16	28.01659601
ENSG00000188133	protein_coding	TMEM215	1.493709074	1.406239122	8.757195598	4.35E-17	2.35E-16	27.77139362
ENSG00000169903	protein_coding	TM4SF4	1.31753565	1.384763961	8.75449143	4.44E-17	2.40E-16	27.7512482
ENSG00000179242	protein_coding	CDH4	1.24346348	1.330795252	8.750872008	4.56E-17	2.46E-16	27.72429117
ENSG00000169282	protein_coding	KCNAB1	-1.566296573	2.037197951	-8.748811713	4.63E-17	2.50E-16	27.70894984
ENSG00000135218	protein_coding	CD36	-1.107631397	1.538415116	-8.728782777	5.38E-17	2.89E-16	27.55994312
ENSG00000105246	protein_coding	EBI3	1.12715342	1.972318641	8.716403051	5.91E-17	3.16E-16	27.46796347
ENSG00000187193	protein_coding	MT1X	-1.310285662	5.848045465	-8.70858942	6.27E-17	3.35E-16	27.40995661
ENSG00000204866	protein_coding	IGFL2	1.516748421	1.465098429	8.701231306	6.63E-17	3.53E-16	27.35536496
ENSG00000143369	protein_coding	ECM1	2.232067492	3.495428028	8.699070798	6.73E-17	3.59E-16	27.3393418
ENSG00000165376	protein_coding	CLDN2	1.496566601	1.688328138	8.686215996	7.42E-17	3.94E-16	27.24406373
ENSG00000152137	protein_coding	HSPB8	-1.376768051	3.275631085	-8.683999101	7.54E-17	4.00E-16	27.22764246
ENSG00000116661	protein_coding	FBXO2	1.144288978	3.693969934	8.668356042	8.48E-17	4.49E-16	27.1118534
ENSG00000123358	protein_coding	NR4A1	-1.892734293	4.036811065	-8.66691251	8.57E-17	4.53E-16	27.10117589
ENSG00000153446	protein_coding	C16orf89	-1.556849314	6.418339986	-8.664939846	8.70E-17	4.60E-16	27.08658654
ENSG00000116106	protein_coding	EPHA4	1.124971857	3.74761537	8.663185931	8.82E-17	4.66E-16	27.07361698

ENSG00000123689	protein_coding	GOS2	1.806656776	3.808356506	8.661732401	8.91E-17	4.70E-16	27.06287006
ENSG00000181408	protein_coding	UTS2R	-1.033255383	0.923139248	-8.652328837	9.56E-17	5.03E-16	26.9933741
ENSG00000185274	protein_coding	WBSCR17	-1.076743867	1.772897324	-8.650881549	9.67E-17	5.08E-16	26.98268282
ENSG00000099953	protein_coding	MMP11	1.244173625	1.407170003	8.639208589	1.06E-16	5.53E-16	26.89649976
ENSG00000144476	protein_coding	ACKR3	-1.035920798	3.671826148	-8.624177451	1.18E-16	6.18E-16	26.78564437
ENSG00000126752	protein_coding	SSX1	1.306233312	1.687477112	8.614126713	1.27E-16	6.64E-16	26.71159614
ENSG00000137699	protein_coding	TRIM29	1.076448931	1.154984317	8.608937897	1.32E-16	6.89E-16	26.67339185
ENSG00000170345	protein_coding	FOS	-1.956889174	7.187632575	-8.595991401	1.46E-16	7.57E-16	26.57814056
ENSG00000072315	protein_coding	TRPC5	1.407573872	1.298865829	8.587135711	1.56E-16	8.05E-16	26.51304531
ENSG00000204421	protein_coding	LY6G6C	1.06186624	1.199128281	8.586329713	1.57E-16	8.10E-16	26.50712306
ENSG00000211445	protein_coding	GPX3	-1.119138376	9.419378	-8.578359208	1.66E-16	8.57E-16	26.44857929
ENSG00000166292	protein_coding	TMEM100	1.409989288	1.969806957	8.542818406	2.16E-16	1.11E-15	26.18800232
ENSG00000107562	protein_coding	CXCL12	-1.169943804	3.07283066	-8.484181994	3.34E-16	1.68E-15	25.75978591
ENSG00000130203	protein_coding	APOE	2.167375291	7.004096171	8.476757419	3.53E-16	1.77E-15	25.70571579
ENSG00000095970	protein_coding	TREM2	1.295474365	2.96925961	8.470780795	3.69E-16	1.85E-15	25.6622152
ENSG00000113389	protein_coding	NPR3	-1.152340622	1.329398926	-8.457123241	4.08E-16	2.04E-15	25.56289212
ENSG00000112936	protein_coding	C7	-1.835708745	2.668208004	-8.453966057	4.18E-16	2.09E-15	25.53994825
ENSG00000172020	protein_coding	GAP43	1.710614098	1.595878519	8.427512506	5.07E-16	2.52E-15	25.34794759
ENSG00000086548	protein_coding	CEACAM6	1.669780579	1.637921089	8.41784037	5.45E-16	2.70E-15	25.27785526
ENSG00000153714	protein_coding	LURAP1L	1.104289835	2.169555457	8.403806929	6.04E-16	2.98E-15	25.1762606
ENSG00000101198	protein_coding	NKAIN4	1.074022822	1.481944433	8.403448937	6.06E-16	2.99E-15	25.17367054
ENSG00000125869	protein_coding	LAMP5	1.833178007	2.300685323	8.385728816	6.90E-16	3.39E-15	25.04556525
ENSG00000120129	protein_coding	DUSP1	-1.464403741	7.707143817	-8.297045968	1.32E-15	6.35E-15	24.4073927
ENSG00000183160	protein_coding	TMEM119	-1.142563381	1.861002032	-8.29203062	1.37E-15	6.58E-15	24.37144909
ENSG00000025423	protein_coding	HSD17B6	-1.60322473	3.124899649	-8.233467838	2.09E-15	9.90E-15	23.95292061
ENSG00000167757	protein_coding	KLK11	2.047463053	1.867991499	8.226440459	2.20E-15	1.04E-14	23.90284411
ENSG00000261115	protein_coding	TMEM178B	-1.09127433	1.916096145	-8.206485079	2.54E-15	1.20E-14	23.76081464
ENSG00000198535	protein_coding	C2CD4A	1.304812905	1.2606625	8.145446013	3.94E-15	1.83E-14	23.32795193
ENSG00000120885	protein_coding	CLU	1.329346789	9.737684743	8.122472519	4.65E-15	2.15E-14	23.16565057
ENSG00000122756	protein_coding	CNTFR	-1.15745601	0.772640179	-8.08340439	6.15E-15	2.82E-14	22.89042307
ENSG00000163207	protein_coding	IVL	1.396334332	1.272833179	8.082585095	6.18E-15	2.83E-14	22.88466181
ENSG00000187634	protein_coding	SAMD11	1.14740548	1.930288573	8.057164445	7.41E-15	3.37E-14	22.70611946
ENSG00000118137	protein_coding	APOA1	-1.092701702	0.844584056	-8.028622771	9.08E-15	4.11E-14	22.50615416
ENSG00000179388	protein_coding	EGR3	-1.199162089	1.860294314	-8.02229443	9.50E-15	4.29E-14	22.46188873
ENSG00000124939	protein_coding	SCGB2A1	-1.006514871	1.3892793	-8.011345967	1.03E-14	4.62E-14	22.38536786
ENSG00000167772	protein_coding	ANGPTL4	1.175806849	4.077630285	8.007191072	1.06E-14	4.76E-14	22.35634888
ENSG00000080200	protein_coding	CRYBG3	-1.050469406	2.339800053	-7.99956877	1.12E-14	5.01E-14	22.3031417
ENSG00000135318	protein_coding	NT5E	1.229201167	4.357681918	7.981732574	1.27E-14	5.66E-14	22.17878447
ENSG00000163520	protein_coding	FBLN2	-1.050149127	3.248170062	-7.979323449	1.29E-14	5.75E-14	22.16200349
ENSG00000101197	protein_coding	BIRC7	1.50023592	1.453510005	7.932942162	1.79E-14	7.87E-14	21.83966859
ENSG00000116741	protein_coding	RGS2	-1.160602767	2.753041156	-7.923519449	1.91E-14	8.38E-14	21.77435568
ENSG00000108821	protein_coding	COL1A1	1.955377019	5.395699226	7.91707781	2.00E-14	8.75E-14	21.72973938
ENSG00000128228	protein_coding	SDF2L1	-1.051596762	4.758523441	-7.908618176	2.12E-14	9.27E-14	21.67118731
ENSG00000170367	protein_coding	CST5	1.025083675	0.920418238	7.895196608	2.33E-14	1.01E-13	21.57838837
ENSG00000164283	protein_coding	ESM1	1.264979032	2.158969271	7.887789015	2.46E-14	1.07E-13	21.52722174
ENSG00000117228	protein_coding	GBP1	-1.144466949	3.542801579	-7.835613146	3.54E-14	1.51E-13	21.16785035
ENSG00000105088	protein_coding	OLFM2	-1.169621454	2.208777047	-7.833457825	3.59E-14	1.54E-13	21.15304382
ENSG00000111863	protein_coding	ADTRP	1.036334541	1.274072223	7.830680895	3.66E-14	1.56E-13	21.13397151
ENSG00000118523	protein_coding	CTGF	-1.555923056	6.896039859	-7.826289132	3.78E-14	1.61E-13	21.10381875
ENSG00000132329	protein_coding	RAMP1	1.454817337	2.458335829	7.820964057	3.92E-14	1.67E-13	21.06727523
ENSG00000130208	protein_coding	APOC1	1.927280563	5.112698216	7.798546721	4.58E-14	1.94E-13	20.91364155
ENSG00000166448	protein_coding	TMEM130	1.007156817	1.070607139	7.792353405	4.78E-14	2.02E-13	20.87125543
ENSG00000136286	protein_coding	MYO1G	1.287276148	2.081250694	7.74242045	6.77E-14	2.83E-13	20.53045421
ENSG00000102575	protein_coding	ACP5	1.177048951	3.417724118	7.660169517	1.19E-13	4.91E-13	19.9727116
ENSG00000185290	protein_coding	NUPR1L	-1.102347098	2.650835879	-7.635586064	1.41E-13	5.77E-13	19.80689419
ENSG00000170801	protein_coding	HTRA3	-1.161019729	2.374999052	-7.634608921	1.42E-13	5.81E-13	19.8003117
ENSG00000196260	protein_coding	SFTA2	1.077270495	1.543451718	7.63218831	1.45E-13	5.90E-13	19.78400813
ENSG00000113657	protein_coding	DPYSL3	1.113397918	4.605004641	7.628877874	1.48E-13	6.03E-13	19.76171771
ENSG00000155897	protein_coding	ADCY8	1.076530341	0.962068577	7.612740766	1.65E-13	6.71E-13	19.65316654
ENSG00000156284	protein_coding	CLDN8	-1.033384898	3.028768718	-7.596249643	1.85E-13	7.48E-13	19.54241605
ENSG00000182326	protein_coding	C1S	-1.535164198	3.305414361	-7.591234516	1.91E-13	7.73E-13	19.50877219
ENSG00000156298	protein_coding	TSPAN7	-1.063266237	3.101751988	-7.567233038	2.25E-13	9.05E-13	19.34799514
ENSG00000169715	protein_coding	MT1E	-1.345891636	5.887914509	-7.562841528	2.32E-13	9.31E-13	19.31862039
ENSG00000019169	protein_coding	MARCO	1.39674525	2.251435916	7.542606591	2.66E-13	1.06E-12	19.18343875
ENSG00000162817	protein_coding	C1orf115	1.029606244	5.127909782	7.538251109	2.74E-13	1.09E-12	19.15437798
ENSG00000054179	protein_coding	ENTPD2	1.072090155	1.329068839	7.504748762	3.44E-13	1.36E-12	18.93127544
ENSG00000178752	protein_coding	FAM132B	1.270667473	2.971242322	7.480629499	4.05E-13	1.59E-12	18.77113304
ENSG00000170369	protein_coding	CST2	1.58933649	1.470017904	7.391874027	7.36E-13	2.82E-12	18.18527435
ENSG00000167755	protein_coding	KLK6	1.269618258	1.134095352	7.314966111	1.23E-12	4.63E-12	17.68202496
ENSG00000133110	protein_coding	POSTN	1.625232083	3.187602765	7.313608243	1.24E-12	4.67E-12	17.67317666
ENSG00000169908	protein_coding	TM4SF1	1.350377644	5.284406477	7.300224182	1.35E-12	5.09E-12	17.58603066
ENSG00000158477	protein_coding	CD1A	1.228685837	1.293619887	7.245659858	1.94E-12	7.21E-12	17.23204848
ENSG00000157734	protein_coding	SNX22	1.186286064	5.173254404	7.219102024	2.31E-12	8.53E-12	17.06051173

ENSG00000198576	protein_coding	ARC	-1.302755407	1.451005706	-7.167737284	3.24E-12	1.18E-11	16.73015666
ENSG00000131400	protein_coding	NAPSA	1.340041011	1.732421264	7.105875416	4.85E-12	1.74E-11	16.33476593
ENSG00000125848	protein_coding	FLRT3	1.000115119	2.790921296	7.101606476	4.99E-12	1.79E-11	16.30758117
ENSG00000105696	protein_coding	TMEM59L	1.118954694	1.304695674	7.005695902	9.27E-12	3.26E-11	15.70024758
ENSG00000136689	protein_coding	IL1RN	1.01301579	2.259586994	6.968441009	1.18E-11	4.09E-11	15.46611654
ENSG00000102970	protein_coding	CCL17	1.443979261	1.908214228	6.962390779	1.22E-11	4.25E-11	15.42818774
ENSG00000116031	protein_coding	CD207	1.224186519	1.492629545	6.950886884	1.32E-11	4.56E-11	15.35614278
ENSG00000104332	protein_coding	SFRP1	-1.125777488	1.224122522	-6.869879841	2.20E-11	7.51E-11	14.85153336
ENSG00000187867	protein_coding	PALM3	1.175980194	3.640730362	6.868131142	2.23E-11	7.59E-11	14.84069284
ENSG00000183036	protein_coding	PCP4	-1.134075882	5.402985227	-6.831496379	2.81E-11	9.47E-11	14.61409874
ENSG00000137673	protein_coding	MMP7	1.571721323	1.897558105	6.776203907	3.97E-11	1.33E-10	14.273958
ENSG00000232629	protein_coding	HLA-DQB2	1.486707842	3.566441997	6.696070215	6.55E-11	2.15E-10	13.78498443
ENSG00000204983	protein_coding	PRSS1	1.024128741	0.922962055	6.687211806	6.92E-11	2.27E-10	13.73122119
ENSG00000099860	protein_coding	GADD45B	-1.0525731	5.108011357	-6.683894628	7.06E-11	2.32E-10	13.71110358
ENSG00000130054	protein_coding	FAM155B	-1.224007789	2.456451048	-6.674462373	7.49E-11	2.45E-10	13.65394447
ENSG00000128422	protein_coding	KRT17	1.724955467	2.065906088	6.669865541	7.71E-11	2.52E-10	13.6261117
ENSG00000204632	protein_coding	HLA-G	1.377964131	2.763673075	6.592966984	1.24E-10	3.98E-10	13.16283332
ENSG00000197747	protein_coding	S100A10	1.130206747	6.11348106	6.556794107	1.54E-10	4.92E-10	12.94643101
ENSG00000067082	protein_coding	KLF6	-1.069563781	5.246081352	-6.514589764	2.00E-10	6.31E-10	12.69518278
ENSG00000158869	protein_coding	FCER1G	1.015040322	4.092263611	6.414240132	3.66E-10	1.13E-09	12.10316518
ENSG00000158014	protein_coding	SLC30A2	1.145247317	3.735572928	6.398517302	4.02E-10	1.24E-09	12.01109675
ENSG00000169508	protein_coding	GPR183	-1.026888315	2.923697206	-6.37645147	4.59E-10	1.40E-09	11.88220162
ENSG00000134258	protein_coding	VTCN1	1.05878583	0.977679942	6.318394064	6.48E-10	1.96E-09	11.54483408
ENSG00000196154	protein_coding	S100A4	1.21807151	6.727026742	6.281210708	8.08E-10	2.43E-09	11.33011496
ENSG00000179344	protein_coding	HLA-DQB1	1.249919083	4.822276155	6.25058895	9.68E-10	2.89E-09	11.15408124
ENSG00000176769	protein_coding	TCERG1L	1.126223827	3.924783574	6.233821718	1.07E-09	3.17E-09	11.05799718
ENSG00000164932	protein_coding	CTHRC1	1.192510812	2.488145643	6.22409977	1.13E-09	3.35E-09	11.00238486
ENSG00000159403	protein_coding	C1R	-1.127603157	3.593985122	-6.210926529	1.22E-09	3.61E-09	10.92714617
ENSG00000196754	protein_coding	S100A2	1.192751049	3.54793714	6.1834295	1.43E-09	4.20E-09	10.77052834
ENSG00000275385	protein_coding	CCL18	1.439983085	3.414772314	6.175807077	1.50E-09	4.38E-09	10.72721573
ENSG00000267206	protein_coding	LCN6	1.242481392	1.500142802	6.11171637	2.17E-09	6.27E-09	10.3648135
ENSG00000145824	protein_coding	CXCL14	2.224827794	5.301060512	6.079488948	2.62E-09	7.50E-09	10.18378705
ENSG00000064300	protein_coding	NGFR	1.126806379	2.751305672	5.975685542	4.74E-09	1.33E-08	9.606214814
ENSG00000161798	protein_coding	AQP5	1.172142203	2.655766323	5.967272699	4.97E-09	1.39E-08	9.559774605
ENSG00000160307	protein_coding	S100B	1.137691973	2.020080995	5.960617803	5.16E-09	1.44E-08	9.523077923
ENSG00000105492	protein_coding	SIGLEC6	1.049870562	1.039111117	5.960378383	5.17E-09	1.45E-08	9.521758353
ENSG00000118785	protein_coding	SPP1	1.247456653	3.763464783	5.863159219	8.92E-09	2.44E-08	8.989665866
ENSG00000165966	protein_coding	PDZRN4	1.019478345	1.388417059	5.632737957	3.17E-08	8.19E-08	7.758548638
ENSG00000117322	protein_coding	CR2	-1.009284644	0.686512343	-5.630431843	3.21E-08	8.29E-08	7.746442452
ENSG00000162772	protein_coding	ATF3	-1.37074374	4.275878443	-5.488929771	6.84E-08	1.72E-07	7.011847081
ENSG00000125730	protein_coding	C3	1.228819842	5.28566339	5.389340006	1.16E-07	2.83E-07	6.504610838
ENSG00000166920	protein_coding	C15orf48	1.018671959	2.770075106	5.357580985	1.36E-07	3.32E-07	6.344563682
ENSG00000134020	protein_coding	PEBP4	-1.046598137	4.227486231	-5.18317919	3.33E-07	7.84E-07	5.480523757
ENSG00000107317	protein_coding	PTGDS	-1.112255975	2.588320871	-5.090487385	5.30E-07	1.22E-06	5.031593931
ENSG00000166592	protein_coding	RRAD	-1.007032509	2.863635931	-4.974219133	9.41E-07	2.12E-06	4.478668946
ENSG00000181617	protein_coding	FDCSP	-1.318137818	1.050193469	-4.893148099	1.39E-06	3.09E-06	4.099882988
ENSG00000074410	protein_coding	CA12	1.035194663	2.266870664	4.858067331	1.65E-06	3.64E-06	3.937705498
ENSG00000122852	protein_coding	SFTPA1	1.346476059	1.264815818	4.587028156	5.87E-06	1.23E-05	2.720210682
ENSG00000172724	protein_coding	CCL19	-1.374099485	2.386291283	-4.435789975	1.16E-05	2.35E-05	2.068456022

Supplementary Table S6 263 genes co-expressed with risk model lncRNAs

lncRNA	m6A_genes	cor	p. value
SLC26A4-AS1	TFF3	0.691522253	0
SLC26A4-AS1	CCL21	0.462608279	1.15E-24
SLC26A4-AS1	TPO	0.768972986	0
SLC26A4-AS1	MT1G	0.712226219	0
SLC26A4-AS1	DIO1	0.624572432	0
SLC26A4-AS1	DPT	0.397044397	4.99E-18
SLC26A4-AS1	CDH16	0.664986653	0
SLC26A4-AS1	CRABP1	0.675967312	6.55E-60
SLC26A4-AS1	SLC26A7	0.801704457	0
SLC26A4-AS1	MT1H	0.669495467	2.14E-58
SLC26A4-AS1	SLC26A4	0.975682875	0
SLC26A4-AS1	SLC5A8	0.707259984	8.22E-68
SLC26A4-AS1	PKHD1L1	0.624044239	9.28E-49
SLC26A4-AS1	TFCP2L1	0.692572557	0
SLC26A4-AS1	WSCD2	0.761837612	1.95E-84
SLC26A4-AS1	IPCEF1	0.680091173	0
SLC26A4-AS1	SLC5A5	0.606758568	1.70E-45
SLC26A4-AS1	MT1F	0.694547213	0
SLC26A4-AS1	FOSB	0.387975615	0
SLC26A4-AS1	SEMA3D	0.654877731	4.09E-55
SLC26A4-AS1	BMP8A	0.663268864	0
SLC26A4-AS1	MATN2	0.686888292	0
SLC26A4-AS1	PLA2R1	0.612237708	0
SLC26A4-AS1	COL23A1	0.77654567	0
SLC26A4-AS1	HGD	0.789392568	0
SLC26A4-AS1	TCEAL2	0.557023349	0
SLC26A4-AS1	CHRD1	0.390378137	1.97E-17
SLC26A4-AS1	TNFRSF11B	0.515874695	0
SLC26A4-AS1	FAM167A	0.755026708	0
SLC26A4-AS1	KIT	0.671716541	0
SLC26A4-AS1	SLC4A4	0.758870352	0
SLC26A4-AS1	SMOC2	0.517939702	0
SLC26A4-AS1	FHL1	0.726795871	0
SLC26A4-AS1	OTOS	0.68113169	0
SLC26A4-AS1	IGFBPL1	0.721160217	1.15E-71
SLC26A4-AS1	HBB	0.351529855	4.36E-14
SLC26A4-AS1	BEX1	0.473386106	0
SLC26A4-AS1	FABP4	0.632265342	2.20E-50
SLC26A4-AS1	LMOD1	0.729719843	0
SLC26A4-AS1	SOD3	0.60570242	0
SLC26A4-AS1	TMEM171	0.661721421	0
SLC26A4-AS1	PI16	0.459634145	0
SLC26A4-AS1	ZMAT4	0.708938031	2.89E-68
SLC26A4-AS1	MFAP4	0.280518245	2.60E-09
SLC26A4-AS1	CWH43	0.585285695	1.03E-41
SLC26A4-AS1	SPX	0.725649401	0
SLC26A4-AS1	APOD	0.200955699	2.30E-05
SLC26A4-AS1	DPP6	0.647684793	0
SLC26A4-AS1	MMRN1	0.47046341	0

SLC26A4-AS1	WDR72	0.672983289	0
SLC26A4-AS1	MPPED2	0.784316785	0
SLC26A4-AS1	PAPSS2	0.553431608	0
SLC26A4-AS1	DCN	0.202420167	2.00E-05
SLC26A4-AS1	SORBS2	0.727595832	0
SLC26A4-AS1	EGR2	0.41493928	0
SLC26A4-AS1	EDN3	0.660220231	2.71E-56
SLC26A4-AS1	DIO2	0.682960822	0
SLC26A4-AS1	ITPR1	0.730887872	0
SLC26A4-AS1	CFD	0.283539943	1.73E-09
SLC26A4-AS1	CPXM1	0.43378064	0
SLC26A4-AS1	ELMO1	0.750138859	0
SLC26A4-AS1	GPC3	0.501279105	2.61E-29
SLC26A4-AS1	MYOC	0.341290307	1.95E-13
SLC26A4-AS1	DEPTOR	0.588362973	0
SLC26A4-AS1	DGKI	0.584169841	0
SLC26A4-AS1	CARTPT	0.695746414	8.72E-65
SLC26A4-AS1	IYD	0.616318362	0
SLC26A4-AS1	LYVE1	0.421916532	0
SLC26A4-AS1	CLCNKB	0.693737891	0
SLC26A4-AS1	NCAM1	0.454978767	0
SLC26A4-AS1	HBA2	0.297285521	2.55E-10
SLC26A4-AS1	GLT8D2	0.611716598	0
SLC26A4-AS1	OGDHL	0.540472091	0
SLC26A4-AS1	LIFR	0.694699546	0
SLC26A4-AS1	CSGALNACT1	0.463825858	0
SLC26A4-AS1	RAP1GAP	0.604513541	0
SLC26A4-AS1	COL9A3	0.616122343	0
SLC26A4-AS1	FBLN1	0.187541168	7.93E-05
SLC26A4-AS1	EFEMP1	0.421752426	0
SLC26A4-AS1	AOX1	0.567565769	8.53E-39
SLC26A4-AS1	GRIN2C	0.709959378	0
SLC26A4-AS1	C11orf74	0.663214824	0
SLC26A4-AS1	PPARGC1A	0.64865893	0
SLC26A4-AS1	ANGPTL1	0.652494064	0
SLC26A4-AS1	SCARA5	0.340529443	2.22E-13
SLC26A4-AS1	LTF	0.613828269	0
SLC26A4-AS1	CA4	0.685628809	3.04E-62
SLC26A4-AS1	TG	0.736577527	0
SLC26A4-AS1	FCGBP	0.638066675	0
SLC26A4-AS1	PBX4	0.67267068	0
SLC26A4-AS1	CYR61	0.394404951	0
SLC26A4-AS1	FOS	0.405775608	0
SLC26A4-AS1	KHDRBS2	0.731570818	0
SLC26A4-AS1	MUM1L1	0.385782955	0
SLC26A4-AS1	RGS16	0.707439358	0
SLC26A4-AS1	MT1M	0.562900654	0
SLC26A4-AS1	LRP2	0.672840601	0
SLC26A4-AS1	MAFB	0.636844748	0
SLC26A4-AS1	KCNK2	0.539839072	0
SLC26A4-AS1	TBC1D4	0.721661225	0

SLC26A4-AS1	MIOX	0.739853778	3.08E-77
SLC26A4-AS1	TPPP	0.681842152	0
SLC26A4-AS1	FMOD	0.526255471	0
SLC26A4-AS1	CITED2	0.433588451	0
SLC26A4-AS1	RGS8	0.690295503	2.10E-63
SLC26A4-AS1	ABI3BP	0.439467742	0
SLC26A4-AS1	ADH1B	0.428343739	5.13E-21
SLC26A4-AS1	OGN	0.275333267	4.46E-09
SLC26A4-AS1	NR4A1	0.350891446	4.90E-14
SLC26A4-AS1	FOXJ1	0.670347581	1.36E-58
SLC26A4-AS1	ALDH1A1	0.640134944	0
SLC26A4-AS1	OCA2	0.433837604	1.42E-21
SLC26A4-AS1	TMEM139	0.346333226	1.11E-13
SLC26A4-AS1	ARHGAP24	0.749110539	0
SLC26A4-AS1	SLC25A15	0.601369579	0
SLC26A4-AS1	DES	0.292402221	4.21E-10
SLC26A4-AS1	GDF10	0.561017215	9.22E-38
SLC26A4-AS1	KIAA1324	0.608313216	0
SLC26A4-AS1	JUN	0.449660158	0
SLC26A4-AS1	C7	0.197238006	3.27E-05
SLC26A4-AS1	LGI3	0.768758953	0
SLC26A4-AS1	CDON	0.747560118	0
SLC26A4-AS1	BCL2	0.604801754	0
SLC26A4-AS1	HLF	0.777660936	0
SLC26A4-AS1	EGR1	0.426210225	0
SLC26A4-AS1	IP6K3	0.582185824	0
SLC26A4-AS1	SCUBE3	0.581301044	0
SLC26A4-AS1	PKNOX2	0.573208952	0
SLC26A4-AS1	SMAD9	0.39430297	0
SLC26A4-AS1	IQGAP2	0.687146577	0
SLC26A4-AS1	GNA14	0.723573048	0
SLC26A4-AS1	LAYN	0.556741093	0
SLC26A4-AS1	AVPR1A	0.738996559	0
SLC26A4-AS1	PDLIM3	0.453741238	0
SLC26A4-AS1	GPM6A	0.668507618	0
SLC26A4-AS1	SDPR	0.634382739	0
SLC26A4-AS1	CRYAB	0.236475688	5.83E-07
SLC26A4-AS1	FOXA2	0.58308552	2.43E-41
SLC26A4-AS1	C8orf88	0.56848152	0
SLC26A4-AS1	ISM1	0.60334608	0
SLC26A4-AS1	BMP2	0.298182641	2.24E-10
SLC26A4-AS1	ID4	0.546157916	0
SLC26A4-AS1	NUPR1	0.383973113	0
SLC26A4-AS1	SERTM1	0.516128229	2.95E-31
SLC26A4-AS1	IRS1	0.691457859	0
SLC26A4-AS1	FIBIN	0.27645376	4.46E-09
SLC26A4-AS1	PODN	0.241528635	3.29E-07
SLC26A4-AS1	TDRD9	0.476844805	0
SLC26A4-AS1	EPHA3	0.46907213	0
SLC26A4-AS1	AIF1L	0.456662232	0
SLC26A4-AS1	EBF4	0.639978923	0

SLC26A4-AS1	ADM2	0.602939716	0
SLC26A4-AS1	GSTM3	0.652104012	0
SLC26A4-AS1	HSD17B6	0.478616067	0
SLC26A4-AS1	AGR3	0.37192323	7.54E-16
SLC26A4-AS1	EPHB1	0.548596805	0
SLC26A4-AS1	TMOD1	0.47956439	0
SLC26A4-AS1	WASF3	0.683073866	0
SLC26A4-AS1	SELV	0.670841342	1.04E-58
SLC26A4-AS1	ENPP1	0.561624546	0
SLC26A4-AS1	SYNE1	0.717098279	1.62E-70
SLC26A4-AS1	PLCH1	0.626358161	0
SLC26A4-AS1	CCDC146	0.675711951	0
SLC26A4-AS1	SLC16A2	0.734132538	0
SLC26A4-AS1	IER2	0.511621284	0
SLC26A4-AS1	KCNAB1	0.707718209	0
SLC26A4-AS1	SYNDIG1	0.472751101	0
SLC26A4-AS1	C16orf89	0.786093153	0
SLC26A4-AS1	CTGF	0.285412902	1.34E-09
SLC26A4-AS1	NR4A3	0.206185659	1.39E-05
SLC26A4-AS1	KIAA1456	0.652803411	0
SLC26A4-AS1	AQP4	0.697685785	0
SLC26A4-AS1	RNF150	0.620193636	0
SLC26A4-AS1	C1S	0.124490166	0.00906192
SLC26A4-AS1	PFKFB2	0.599707106	0
SLC26A4-AS1	PROX1	0.704541058	0
SLC26A4-AS1	TCF7L1	0.711418456	0
SLC26A4-AS1	HSPB6	0.417478448	0
SLC26A4-AS1	FHDC1	0.663587004	0
SLC26A4-AS1	PRR15L	0.617727656	0
SLC26A4-AS1	SLC1A1	0.620706661	0
SLC26A4-AS1	BTBD11	0.713485733	0
SLC26A4-AS1	TRIM58	0.517905661	0
SLC26A4-AS1	LRIG1	0.640047572	0
SLC26A4-AS1	ROR2	0.362482093	5.41E-15
SLC26A4-AS1	GPR125	0.620651203	0
SLC26A4-AS1	FLRT1	0.678220908	0
SLC26A4-AS1	PGF	0.60116888	0
SLC26A4-AS1	DUSP1	0.361415478	6.70E-15
SLC26A4-AS1	PLA2G7	0.41219927	0
SLC26A4-AS1	PLSCR4	0.550314453	0
SLC26A4-AS1	FAM46B	0.391193191	0
SLC26A4-AS1	GLDC	0.497334313	0
SLC26A4-AS1	ZBTB16	0.477914398	0
SLC26A4-AS1	OMD	0.189156523	6.66E-05
SLC26A4-AS1	HSD11B2	0.616397082	0
SLC26A4-AS1	FGL2	0.252417614	9.19E-08
SLC26A4-AS1	CLCNKA	0.716143999	3.00E-70
SLC26A4-AS1	GATM	0.605314354	0
SLC26A4-AS1	TNS3	0.481785843	0
SLC26A4-AS1	TOB1	0.368780087	1.43E-15
SLC26A4-AS1	MARC2	0.732710337	0

SLC26A4-AS1	LRRC2	0.6234227	0
SLC26A4-AS1	SORD	0.389282361	0
SLC26A4-AS1	RIMS4	0.521205502	0
SLC26A4-AS1	SLC29A4	0.637800447	0
SLC26A4-AS1	SLC39A14	0.632545097	0
SLC26A4-AS1	FAXDC2	0.629712751	0
SLC26A4-AS1	HSPB8	0.266816494	1.55E-08
SLC26A4-AS1	CCL19	0.081395735	0.088494168
SLC26A4-AS1	KCNIP3	0.722319633	0
SLC26A4-AS1	CGNL1	0.702132238	0
SLC26A4-AS1	ATF3	0.105790643	0.026700162
SLC26A4-AS1	SGCD	0.332534601	1.15E-12
SLC26A4-AS1	STARD13	0.605638593	0
SLC26A4-AS1	LDHD	0.715825194	0
SLC26A4-AS1	RCAN1	0.348689709	7.28E-14
SLC26A4-AS1	ID3	0.341626219	2.51E-13
SLC26A4-AS1	SYTL3	0.727042526	0
SLC26A4-AS1	MT1E	0.506806197	0
SLC26A4-AS1	CAMK1D	0.709649747	0
SLC26A4-AS1	PRKCQ	0.689211442	0
SLC26A4-AS1	NUAK2	0.401633255	0
SLC26A4-AS1	LIPG	0.657185327	0
SLC26A4-AS1	SLC25A25	0.354870687	2.36E-14
SLC26A4-AS1	PRKX	0.262385076	2.72E-08
SLC26A4-AS1	SRPX	0.251245046	1.06E-07
SLC26A4-AS1	FAM189A1	0.626936573	0
SLC26A4-AS1	PLEKHH1	0.650085811	0
SLC26A4-AS1	WNT11	0.497037732	0
SLC26A4-AS1	SNAI1	0.338412757	4.33E-13
SLC26A4-AS1	FDCSP	0.143690342	0.002546691
SLC26A4-AS1	MT1X	0.478949668	0
SLC26A4-AS1	ACACB	0.710016538	0
SLC26A4-AS1	ARC	0.228470542	1.41E-06
SLC26A4-AS1	KLK4	0.193733161	4.38E-05
SLC26A4-AS1	ZFPM2	0.352216489	3.85E-14
SLC26A4-AS1	AKAP12	0.435374181	0
SLC26A4-AS1	GJB6	0.424300732	1.30E-20
SLC26A4-AS1	ERO1LB	0.65972563	0
SLC26A4-AS1	DNALI1	0.581634645	0
SLC26A4-AS1	HKDC1	0.425388846	0
SLC26A4-AS1	ZFP36L2	0.474378682	0
SLC26A4-AS1	CAPSL	0.643985416	8.72E-53
SLC26A4-AS1	CYP7B1	0.534236221	0
SLC26A4-AS1	CPQ	0.591949466	0
SLC26A4-AS1	RPS6KA6	0.596961373	9.81E-44
SLC26A4-AS1	TLE1	0.462456421	0
SLC26A4-AS1	TP53INP2	0.644823654	0
SLC26A4-AS1	KATNAL2	0.679919408	0
SLC26A4-AS1	SGPP2	0.306607483	6.57E-11
SLC26A4-AS1	CTH	0.534434084	0
SLC26A4-AS1	KIF12	0.383159677	3.19E-18

SLC26A4-AS1	TMEM220	0.701104628	0
SLC26A4-AS1	CENPJ	0.545884028	0
SLC26A4-AS1	FAM155B	0.633314422	0
SLC26A4-AS1	WFS1	0.537568543	0
SLC26A4-AS1	SELENBP1	0.698240936	0
SLC26A4-AS1	SNTA1	0.640460318	0
SLC26A4-AS1	FRAS1	0.136256266	0.004262469
SLC26A4-AS1	FBLN7	0.583756812	0
SLC26A4-AS1	AGPAT9	0.556112897	0
SLC26A4-AS1	GPR83	0.5408959	0
SLC26A4-AS1	PRTG	0.595191154	0
SLC26A4-AS1	EGR3	0.228646845	1.38E-06
SLC26A4-AS1	GRAMD2	0.349085576	6.78E-14
SLC26A4-AS1	HYOU1	0.602823835	0
SLC26A4-AS1	FBLN5	0.390650096	0
SLC26A4-AS1	ITM2A	0.634231257	0
SLC26A4-AS1	SRF	0.452504702	0
SLC26A4-AS1	FGFR2	0.407963871	0
SLC26A4-AS1	MT1A	0.292388321	4.22E-10
SLC26A4-AS1	MAMDC2	0.366821458	2.20E-15
SLC26A4-AS1	FHL2	0.275034396	5.38E-09
SLC26A4-AS1	FTCDNL1	0.518309613	0
SLC26A4-AS1	PKIA	0.416314816	0
SLC26A4-AS1	DNAJB4	0.459988738	0
SLC26A4-AS1	SLC25A33	0.590424433	0
SLC26A4-AS1	EYA2	0.370224982	1.03E-15
SLC26A4-AS1	LPAR1	0.216166454	5.13E-06
SLC26A4-AS1	STX11	0.456510041	0
SLC26A4-AS1	ARHGEF28	0.59646471	0
SLC26A4-AS1	OR2W3	0.550399981	0
SLC26A4-AS1	ALDH1B1	0.515756989	3.31E-31
SLC26A4-AS1	CXCL12	0.350803933	4.98E-14
SLC26A4-AS1	OLFM2	0.503082546	0
SLC26A4-AS1	TUB	0.461112939	0
SLC26A4-AS1	HTRA3	0.260336948	3.50E-08
SLC26A4-AS1	CKB	0.521693989	0
SLC26A4-AS1	RGS2	0.080722348	0.091164748
SLC26A4-AS1	SHANK2	0.697510758	0
SLC26A4-AS1	CNTFR	0.650897927	2.98E-54
SLC26A4-AS1	CYTH3	0.678267998	0
SLC26A4-AS1	PLAC9	0.41509062	0
SLC26A4-AS1	WVOX	0.655074365	0
SLC26A4-AS1	NPR3	0.47416153	0
SLC26A4-AS1	SDC2	0.426602263	0
SLC26A4-AS1	KLF15	0.562223808	0
SLC26A4-AS1	TMEM164	0.614920415	0
SLC26A4-AS1	LONRF3	0.324327054	4.34E-12
SLC26A4-AS1	GBP1	0.276685947	4.33E-09
SLC26A4-AS1	ARHGAP6	0.542269451	0
SLC26A4-AS1	TMEM119	0.166508566	0.000467308
SLC26A4-AS1	SH3RF1	0.496729661	0

SLC26A4-AS1	CRELD2	0.571850719	0
SLC26A4-AS1	PCP4	0.053979524	0.258956873
SLC26A4-AS1	GCSH	0.688888195	0
SLC26A4-AS1	IMPA2	0.510495664	0
SLC26A4-AS1	C1R	0.089345053	0.061448065
SLC26A4-AS1	SUCNR1	0.479583963	0
SLC26A4-AS1	SFRP1	0.515550456	0
SLC26A4-AS1	UGT8	0.506013753	0
SLC26A4-AS1	TLE4	0.289303636	7.85E-10
SLC26A4-AS1	ANTXR1	0.390724561	0
SLC26A4-AS1	GPX3	0.355762843	1.99E-14
SLC26A4-AS1	DPY19L2	0.638387085	0
SLC26A4-AS1	FAM46C	0.568657114	0
SLC26A4-AS1	IL33	0.344659561	1.09E-13
SLC26A4-AS1	PEG3	0.597668339	0
SLC26A4-AS1	FAHD2A	0.642024073	0
SLC26A4-AS1	PTGDS	0.189987575	6.37E-05
SLC26A4-AS1	CHCHD10	0.452740577	0
SLC26A4-AS1	CD36	0.647282542	0
SLC26A4-AS1	ANKRD37	0.482740974	0
SLC26A4-AS1	TSPAN33	0.607815793	0
SLC26A4-AS1	PRDM16	0.542223921	0
SLC26A4-AS1	UST	0.723957426	0
SLC26A4-AS1	NEXN	0.595896084	0
SLC26A4-AS1	NUPR1L	0.234686921	6.60E-07
SLC26A4-AS1	SLC24A3	0.553264807	0
SLC26A4-AS1	MARC1	0.656983351	0
SLC26A4-AS1	MYH11	0.390261463	0
SLC26A4-AS1	APOA1	0.501742345	2.28E-29
SLC26A4-AS1	TMEM178B	0.53811419	0
SLC26A4-AS1	CAPN6	0.281132882	2.04E-09
SLC26A4-AS1	PPM1L	0.69310785	0
SLC26A4-AS1	FZD8	0.629374328	0
SLC26A4-AS1	RCAN2	0.702193937	0
SLC26A4-AS1	COPZ2	0.572691672	0
SLC26A4-AS1	GAS1	0.331438909	1.38E-12
SLC26A4-AS1	DACT1	0.433829574	0
SLC26A4-AS1	WBSCR17	0.66794183	0
SLC26A4-AS1	NCS1	0.367426677	1.93E-15
SLC26A4-AS1	SPIRE2	0.447689899	0
SLC26A4-AS1	C15orf52	0.418380958	0
SLC26A4-AS1	SPAG5	0.482404111	0
SLC26A4-AS1	ARL4D	0.506300689	0
SLC26A4-AS1	FAM189A2	0.566026887	0
SLC26A4-AS1	MAP1LC3A	0.600601815	0
SLC26A4-AS1	KLF6	0.083914393	0.0790437
SLC26A4-AS1	ADD3	0.503593018	0
SLC26A4-AS1	TSPAN7	0.584666271	0
SLC26A4-AS1	KLF9	0.482239154	0
SLC26A4-AS1	KCNQ1	0.738709906	0
SLC26A4-AS1	MAN1A1	0.256494013	5.62E-08

SLC26A4-AS1	MLF1	0.295837222	3.13E-10
SLC26A4-AS1	RARB	0.692190022	0
SLC26A4-AS1	CDC42EP2	0.575705852	0
SLC26A4-AS1	FAM3B	0.264205982	2.16E-08
SLC26A4-AS1	GADD45B	0.275859888	4.83E-09
SLC26A4-AS1	TMEM47	0.569173827	0
SLC26A4-AS1	SDF2L1	0.525962152	0
SLC26A4-AS1	CCDC85A	0.341954856	2.37E-13
SLC26A4-AS1	CRYBG3	0.208100319	1.15E-05
SLC26A4-AS1	FBLN2	0.136859924	0.004094239
SLC26A4-AS1	PEBP4	0.494009083	0
SLC26A4-AS1	CDADC1	0.707722606	0
SLC26A4-AS1	FAM63A	0.647317009	0
SLC26A4-AS1	GLUL	0.483012592	0
SLC26A4-AS1	FREM2	0.556041694	0
SLC26A4-AS1	ACKR3	0.481044744	0
SLC26A4-AS1	DENND6A	0.63521277	0
SLC26A4-AS1	CLDN8	0.138441692	0.003681551
SLC26A4-AS1	UTS2R	0.161928528	0.000660169
SLC26A4-AS1	SCNN1B	0.435453184	0
SLC26A4-AS1	TTC30A	0.572338639	0
SLC26A4-AS1	CORO2B	0.697660397	0
SLC26A4-AS1	TC2N	0.315275434	1.78E-11
SLC26A4-AS1	ALDH2	0.701197389	0
SLC26A4-AS1	GPR183	0.088108091	0.065141345
SLC26A4-AS1	C4orf47	0.521115577	0
SLC26A4-AS1	SLC25A42	0.711664118	0
SLC26A4-AS1	LGMN	0.616817345	0
SLC26A4-AS1	ACSF2	0.621309894	0
SLC26A4-AS1	KIAA1467	0.623162571	0
SLC26A4-AS1	PRKG1	0.691745221	0
SLC26A4-AS1	GNAI1	0.654930259	0
SLC26A4-AS1	ABCC4	0.397274741	0
SLC26A4-AS1	PRPS1	0.673772329	0
SLC26A4-AS1	TSPAN5	0.274431446	5.82E-09
SLC26A4-AS1	CR2	0.32974996	1.36E-12
SLC26A4-AS1	CCDC170	0.494788195	0
SLC26A4-AS1	RRAD	0.067318314	0.15905864
SLC26A4-AS1	SCGB2A1	0.47415231	0
SLC26A4-AS1	SESN3	0.254599636	7.07E-08
SLC26A4-AS1	SGK223	0.277349887	3.97E-09
SLC26A4-AS1	NDRG2	0.751430853	0
SLC26A4-AS1	C3orf52	0.332446378	1.17E-12
SLC26A4-AS1	FLRT3	-0.176236182	0.000210853
SLC26A4-AS1	MST1R	-0.626571343	0
SLC26A4-AS1	SDC1	-0.31428073	2.07E-11
SLC26A4-AS1	ST8SIA4	-0.527864188	0
SLC26A4-AS1	UBTD1	-0.349279042	6.55E-14
SLC26A4-AS1	EPHA2	-0.447340696	0
SLC26A4-AS1	TMEM130	-0.322659758	5.65E-12
SLC26A4-AS1	SPINK2	-0.389370158	0

SLC26A4-AS1	MMP16	-0.557231566	0
SLC26A4-AS1	SIGLEC15	-0.482128805	0
SLC26A4-AS1	RIN1	-0.544951591	0
SLC26A4-AS1	IL1RN	-0.505148404	0
SLC26A4-AS1	FCER1G	-0.209928741	9.63E-06
SLC26A4-AS1	CD276	-0.643099624	0
SLC26A4-AS1	CTSB	-0.368845049	1.41E-15
SLC26A4-AS1	FAM171A2	-0.169748977	0.000360161
SLC26A4-AS1	ASPHD1	-0.57836388	0
SLC26A4-AS1	C15orf48	-0.352754477	3.49E-14
SLC26A4-AS1	DYSF	-0.068140118	0.154022435
SLC26A4-AS1	PDZRN4	-0.091200424	0.056233946
SLC26A4-AS1	EFHD2	-0.175290695	0.000228231
SLC26A4-AS1	ASF1B	-0.412075588	0
SLC26A4-AS1	AQP1	0.014814888	0.756819184
SLC26A4-AS1	ARRDC2	-0.491039723	0
SLC26A4-AS1	PRSS1	-0.360979057	5.88E-15
SLC26A4-AS1	MAPK13	-0.423640278	0
SLC26A4-AS1	CST5	-0.676571533	4.71E-60
SLC26A4-AS1	AHR	-0.532026399	0
SLC26A4-AS1	BAX	-0.51566889	0
SLC26A4-AS1	C1orf115	-0.205817734	1.44E-05
SLC26A4-AS1	PLK3	-0.447874145	0
SLC26A4-AS1	JAG2	-0.167354908	0.000436774
SLC26A4-AS1	RAD23B	-0.502686963	0
SLC26A4-AS1	CA12	0.160243761	0.000763099
SLC26A4-AS1	ADTRP	-0.333033017	1.06E-12
SLC26A4-AS1	UCP2	-0.36601015	2.61E-15
SLC26A4-AS1	IGFBP2	-0.374788308	3.31E-16
SLC26A4-AS1	LOXL2	-0.258225703	4.54E-08
SLC26A4-AS1	GPX1	-0.387574642	0
SLC26A4-AS1	P3H3	-0.527539807	0
SLC26A4-AS1	C2orf81	-0.373661554	4.46E-16
SLC26A4-AS1	CDT1	-0.490134518	0
SLC26A4-AS1	SNX25	-0.21174766	8.03E-06
SLC26A4-AS1	MTHFD1L	-0.582322271	0
SLC26A4-AS1	CDC42BPG	-0.611035518	2.76E-46
SLC26A4-AS1	MSN	-0.485324821	0
SLC26A4-AS1	SIGLEC6	-0.451249861	2.08E-23
SLC26A4-AS1	F2R	-0.170908353	0.000327746
SLC26A4-AS1	TMEM184A	-0.648188882	0
SLC26A4-AS1	CKS2	-0.377836814	1.33E-16
SLC26A4-AS1	TAX1BP3	-0.64169345	0
SLC26A4-AS1	PMEP1	-0.470890624	0
SLC26A4-AS1	CXCL16	-0.548372135	0
SLC26A4-AS1	FAXC	-0.700204104	0
SLC26A4-AS1	VTCN1	-0.60065817	2.16E-44
SLC26A4-AS1	SH2D4A	-0.460338934	0
SLC26A4-AS1	RNF24	-0.496489105	0
SLC26A4-AS1	LY6G6C	-0.642966525	1.42E-52
SLC26A4-AS1	NID1	-0.354568148	2.49E-14

SLC26A4-AS1	STAC	-0.700774005	0
SLC26A4-AS1	RAB34	-0.561108259	0
SLC26A4-AS1	HES4	-0.37073673	9.15E-16
SLC26A4-AS1	EPHA10	-0.628161621	0
SLC26A4-AS1	ENTPD2	-0.481530536	0
SLC26A4-AS1	DDB2	-0.547514162	0
SLC26A4-AS1	NKAIN4	-0.334838887	7.88E-13
SLC26A4-AS1	TRIM29	-0.594588346	0
SLC26A4-AS1	ADCY8	-0.630071046	6.05E-50
SLC26A4-AS1	SFTA2	-0.363249716	4.63E-15
SLC26A4-AS1	NRIP1	-0.554287027	0
SLC26A4-AS1	VWA1	-0.02792915	0.559329436
SLC26A4-AS1	APLNR	-0.011269669	0.813778869
SLC26A4-AS1	REN	-0.460304936	2.09E-24
SLC26A4-AS1	EDIL3	-0.169144467	0.000378225
SLC26A4-AS1	AGRN	-0.468741366	0
SLC26A4-AS1	TREM1	-0.380801777	3.95E-17
SLC26A4-AS1	SRL	-0.228890096	1.34E-06
SLC26A4-AS1	RASGRF1	-0.532515737	0
SLC26A4-AS1	RMI2	-0.512620384	0
SLC26A4-AS1	SAMD1	-0.558652632	0
SLC26A4-AS1	MGAT4B	-0.686540649	0
SLC26A4-AS1	NXN	-0.632647362	0
SLC26A4-AS1	SH3BGRL3	-0.480589021	0
SLC26A4-AS1	CA11	-0.256827898	5.39E-08
SLC26A4-AS1	PLD3	-0.221157419	3.06E-06
SLC26A4-AS1	LURAP1L	-0.497246232	0
SLC26A4-AS1	CARNS1	-0.248501207	1.46E-07
SLC26A4-AS1	PDLIM7	-0.439535398	0
SLC26A4-AS1	BCL2L1	-0.67222134	0
SLC26A4-AS1	GGT6	-0.314850489	1.90E-11
SLC26A4-AS1	DPYSL3	-0.357633391	1.40E-14
SLC26A4-AS1	FYN	-0.530635969	0
SLC26A4-AS1	TK1	-0.377302229	1.59E-16
SLC26A4-AS1	AK1	-0.101750128	0.033097456
SLC26A4-AS1	HIGD1B	0.098045484	0.040070285
SLC26A4-AS1	TMEM59L	-0.495101371	0
SLC26A4-AS1	MEGF9	-0.360284752	8.37E-15
SLC26A4-AS1	ZFP36L1	-0.488839687	0
SLC26A4-AS1	ADRA1B	-0.234431389	7.32E-07
SLC26A4-AS1	EPHA4	-0.512725627	0
SLC26A4-AS1	TCERG1L	-0.139876517	0.003340226
SLC26A4-AS1	NGFR	-0.264310799	2.13E-08
SLC26A4-AS1	EBI3	-0.494078867	0
SLC26A4-AS1	S100A10	-0.576750057	0
SLC26A4-AS1	S100B	-0.354505315	2.52E-14
SLC26A4-AS1	CD44	-0.110876213	0.020185272
SLC26A4-AS1	BHLHE41	-0.454609281	0
SLC26A4-AS1	FBX02	-0.354892672	2.35E-14
SLC26A4-AS1	SLC30A2	-0.430057132	0
SLC26A4-AS1	FRMD5	-0.500937969	0

SLC26A4-AS1	SAMD11	-0.357404466	1.46E-14
SLC26A4-AS1	SIPA1L2	-0.470816727	0
SLC26A4-AS1	S100A16	-0.65864086	0
SLC26A4-AS1	PPL	-0.666705152	0
SLC26A4-AS1	ARHGDIB	-0.105872341	0.026582653
SLC26A4-AS1	CDC42EP3	-0.55235322	0
SLC26A4-AS1	RUNX2	-0.421179404	0
SLC26A4-AS1	LAMC2	-0.612634142	0
SLC26A4-AS1	BRINP1	-0.498639782	0
SLC26A4-AS1	GPRC5B	-0.386628588	0
SLC26A4-AS1	AQP5	-0.154881041	0.00114542
SLC26A4-AS1	PLAG1	-0.352327689	3.77E-14
SLC26A4-AS1	PTPRU	-0.697196305	0
SLC26A4-AS1	ANGPTL4	-0.454073421	0
SLC26A4-AS1	PALM3	-0.35446248	2.54E-14
SLC26A4-AS1	ACP5	-0.319497641	9.27E-12
SLC26A4-AS1	DLG4	-0.275746702	4.90E-09
SLC26A4-AS1	ETNK2	-0.467983246	0
SLC26A4-AS1	CD109	-0.540420036	0
SLC26A4-AS1	SNX22	-0.253585643	7.99E-08
SLC26A4-AS1	TMEM98	-0.593684844	0
SLC26A4-AS1	CTHRC1	-0.440898028	0
SLC26A4-AS1	S100A2	-0.536326333	0
SLC26A4-AS1	C11orf80	-0.640263306	0
SLC26A4-AS1	SREBF1	-0.454759203	0
SLC26A4-AS1	PRSS22	-0.658594337	0
SLC26A4-AS1	CMTM3	-0.537338483	0
SLC26A4-AS1	RDH5	-0.440400463	0
SLC26A4-AS1	MYH10	-0.428545432	0
SLC26A4-AS1	EVPL	-0.525882582	0
SLC26A4-AS1	SCD	-0.462773427	0
SLC26A4-AS1	CD151	-0.530041104	0
SLC26A4-AS1	S100A4	-0.454127744	0
SLC26A4-AS1	BNIP1	-0.344209074	1.60E-13
SLC26A4-AS1	MAP3K6	-0.513905003	0
SLC26A4-AS1	MANEAL	-0.443946675	0
SLC26A4-AS1	CD207	-0.363642579	3.59E-15
SLC26A4-AS1	CD1A	-0.376617869	3.05E-16
SLC26A4-AS1	C3	-0.437763853	0
SLC26A4-AS1	NT5E	-0.477185214	0
SLC26A4-AS1	CACNG4	-0.660125086	2.85E-56
SLC26A4-AS1	FHOD1	-0.435876993	0
SLC26A4-AS1	LEMD1	-0.589794251	0
SLC26A4-AS1	ATP11A	-0.21122343	8.46E-06
SLC26A4-AS1	PPAP2C	-0.443807391	0
SLC26A4-AS1	DRAM1	-0.57242516	0
SLC26A4-AS1	CDA	-0.142642341	0.002762165
SLC26A4-AS1	CCND2	-0.221294009	3.02E-06
SLC26A4-AS1	LCN6	-0.219642039	3.39E-06
SLC26A4-AS1	CDH4	-0.516919326	0
SLC26A4-AS1	MMP11	-0.510932097	0

SLC26A4-AS1	B3GAT1	-0.428328563	0
SLC26A4-AS1	SPP1	-0.197811028	3.10E-05
SLC26A4-AS1	HLA-DQB1	-0.282467938	2.00E-09
SLC26A4-AS1	SDC3	-0.559481103	0
SLC26A4-AS1	CX3CL1	-0.275759751	4.89E-09
SLC26A4-AS1	SDK1	-0.461195488	0
SLC26A4-AS1	DOCK9	-0.494887764	0
SLC26A4-AS1	CSF2	-0.528720486	5.53E-33
SLC26A4-AS1	GRHL3	-0.579551766	0
SLC26A4-AS1	TMEM92	-0.616907249	2.18E-47
SLC26A4-AS1	BASP1	-0.636858364	0
SLC26A4-AS1	HRH1	-0.595815663	0
SLC26A4-AS1	ESM1	-0.041584945	0.384595959
SLC26A4-AS1	B4GALNT3	-0.563460486	0
SLC26A4-AS1	LMO3	-0.144067378	0.002501358
SLC26A4-AS1	C9orf16	-0.557223198	0
SLC26A4-AS1	SEMA3F	-0.306872293	6.31E-11
SLC26A4-AS1	PLA2G12B	-0.130107061	0.006335624
SLC26A4-AS1	KLK6	-0.601927938	1.28E-44
SLC26A4-AS1	ST3GAL5	-0.373989198	4.10E-16
SLC26A4-AS1	FAM132B	-0.158258892	0.000888177
SLC26A4-AS1	CDKN1A	-0.367257182	2.00E-15
SLC26A4-AS1	E2F1	-0.462190334	0
SLC26A4-AS1	B3GNT8	-0.405293645	0
SLC26A4-AS1	MTMR11	-0.596957594	0
SLC26A4-AS1	MYO1G	-0.444677562	0
SLC26A4-AS1	TMSB10	-0.515852143	0
SLC26A4-AS1	UNC5CL	-0.591424385	0
SLC26A4-AS1	ABR	-0.468813703	0
SLC26A4-AS1	PLP2	-0.572581606	0
SLC26A4-AS1	SRCIN1	-0.431735207	0
SLC26A4-AS1	PDE9A	-0.590141894	0
SLC26A4-AS1	TREM2	-0.214813612	5.89E-06
SLC26A4-AS1	KDELR3	-0.348059668	8.14E-14
SLC26A4-AS1	PC	-0.496977451	0
SLC26A4-AS1	C2CD4A	-0.578334378	0
SLC26A4-AS1	PELI1	-0.514832051	0
SLC26A4-AS1	SSX1	-0.37120919	8.18E-16
SLC26A4-AS1	MROH6	-0.556941226	0
SLC26A4-AS1	ESPN	-0.498140799	0
SLC26A4-AS1	BMP1	-0.368993127	1.36E-15
SLC26A4-AS1	TM4SF4	-0.497169709	8.70E-29
SLC26A4-AS1	CORO2A	-0.523177322	0
SLC26A4-AS1	CD164L2	-0.369796505	1.13E-15
SLC26A4-AS1	CTSS	-0.328777619	2.13E-12
SLC26A4-AS1	CLU	-0.52309917	0
SLC26A4-AS1	TMSB4X	-0.462426493	0
SLC26A4-AS1	WNT10A	-0.585883184	8.17E-42
SLC26A4-AS1	NAPSA	-0.335809904	6.70E-13
SLC26A4-AS1	PLEKHA4	-0.47570954	0
SLC26A4-AS1	SFTPA1	0.029978114	0.53101246

SLC26A4-AS1	C1orf116	-0.479241994	0
SLC26A4-AS1	TM4SF1	-0.491459277	0
SLC26A4-AS1	SEL1L3	-0.55105002	0
SLC26A4-AS1	VASN	-0.590740447	0
SLC26A4-AS1	NPTXR	-0.593204583	0
SLC26A4-AS1	PDE4C	-0.574061393	0
SLC26A4-AS1	CDC42EP1	-0.595599361	0
SLC26A4-AS1	ENDOD1	-0.604051436	0
SLC26A4-AS1	RYR1	-0.555545264	0
SLC26A4-AS1	IL1RAP	-0.560284752	0
SLC26A4-AS1	SLC35F2	-0.609627217	5.04E-46
SLC26A4-AS1	ISYNA1	-0.392458378	0
SLC26A4-AS1	HLA-G	-0.499299041	0
SLC26A4-AS1	CDKN2B	-0.593072958	0
SLC26A4-AS1	ALDH1A3	-0.504880048	0
SLC26A4-AS1	CLIP3	-0.545384762	0
SLC26A4-AS1	ULBP2	-0.422579195	0
SLC26A4-AS1	ETHE1	-0.625402605	0
SLC26A4-AS1	XPR1	-0.535115611	0
SLC26A4-AS1	SPTBN2	-0.658612351	0
SLC26A4-AS1	IVL	-0.489345984	8.20E-28
SLC26A4-AS1	MARCO	-0.375825847	2.48E-16
SLC26A4-AS1	PLXND1	-0.236266903	5.97E-07
SLC26A4-AS1	EMILIN2	-0.417115912	0
SLC26A4-AS1	PLAUR	-0.538081993	0
SLC26A4-AS1	CDC42EP5	-0.645458091	0
SLC26A4-AS1	TRPC5	-0.213332929	6.51E-06
SLC26A4-AS1	TMEM100	-0.352992338	3.34E-14
SLC26A4-AS1	QSOX1	-0.654656797	0
SLC26A4-AS1	ARHGAP23	-0.531032971	0
SLC26A4-AS1	MDF1	-0.389035139	0
SLC26A4-AS1	FSTL3	-0.703132048	0
SLC26A4-AS1	INF2	-0.513129012	0
SLC26A4-AS1	TGFBR1	-0.501572832	0
SLC26A4-AS1	TGFBI	-0.30874894	4.78E-11
SLC26A4-AS1	ERBB3	-0.683309316	0
SLC26A4-AS1	CCL18	-0.331060772	1.47E-12
SLC26A4-AS1	CCL17	-0.437250134	6.33E-22
SLC26A4-AS1	C16orf45	-0.449399036	0
SLC26A4-AS1	PRDM1	-0.238153337	4.83E-07
SLC26A4-AS1	TRIM47	-0.593827248	0
SLC26A4-AS1	CNFN	-0.535752318	0
SLC26A4-AS1	ARMCX3	-0.345192856	1.35E-13
SLC26A4-AS1	RAMP1	-0.377756676	1.37E-16
SLC26A4-AS1	GABRD	-0.013062774	0.784826238
SLC26A4-AS1	COL13A1	-0.106441391	0.025776462
SLC26A4-AS1	S100A5	-0.528831659	0
SLC26A4-AS1	MISP	-0.625972932	0
SLC26A4-AS1	HES6	-0.269272829	1.14E-08
SLC26A4-AS1	PSD3	-0.435547222	0
SLC26A4-AS1	DOK7	-0.698409722	0

SLC26A4-AS1	ZMAT3	-0.586393422	0
SLC26A4-AS1	MFAP2	-0.468654136	0
SLC26A4-AS1	TMEM79	-0.559373732	0
SLC26A4-AS1	SLC1A5	-0.508344988	0
SLC26A4-AS1	BBC3	-0.583065639	0
SLC26A4-AS1	HLA-DQB2	-0.345747723	1.23E-13
SLC26A4-AS1	C1QL1	-0.467074212	0
SLC26A4-AS1	TMEM215	-0.144537448	0.002399644
SLC26A4-AS1	PNP	-0.418600947	0
SLC26A4-AS1	ARNTL	-0.554109447	0
SLC26A4-AS1	CLDN2	-0.212929668	6.78E-06
SLC26A4-AS1	MVP	-0.560176956	0
SLC26A4-AS1	LGALS1	-0.513510412	0
SLC26A4-AS1	BIRC7	-0.487422371	1.41E-27
SLC26A4-AS1	COL8A1	-0.512583081	0
SLC26A4-AS1	PERP	-0.698461351	0
SLC26A4-AS1	GJA4	-0.234679888	7.12E-07
SLC26A4-AS1	IGFL2	-0.546867465	1.32E-35
SLC26A4-AS1	DAPK2	-0.45369273	0
SLC26A4-AS1	MAMLD1	-0.564593055	0
SLC26A4-AS1	ETV5	-0.218005231	4.25E-06
SLC26A4-AS1	RUNX1	-0.714347819	0
SLC26A4-AS1	LONRF2	-0.303668617	1.01E-10
SLC26A4-AS1	SPOCK1	-0.199982412	2.53E-05
SLC26A4-AS1	XKRX	-0.438092915	0
SLC26A4-AS1	TGFB1	-0.286788297	1.11E-09
SLC26A4-AS1	ERP27	-0.255435341	6.39E-08
SLC26A4-AS1	TNFRSF10C	-0.441632886	0
SLC26A4-AS1	PALM	-0.66245557	0
SLC26A4-AS1	TSC22D1	-0.35544144	2.12E-14
SLC26A4-AS1	TGM2	-0.505363571	0
SLC26A4-AS1	UBE2QL1	-0.214872616	5.86E-06
SLC26A4-AS1	ECE1	-0.546542862	0
SLC26A4-AS1	COL8A2	-0.553040279	0
SLC26A4-AS1	HIST3H2A	-0.486135279	0
SLC26A4-AS1	TNFRSF21	-0.598464897	0
SLC26A4-AS1	SOX4	-0.693072391	0
SLC26A4-AS1	ELF3	-0.723578012	0
SLC26A4-AS1	TPD52L1	-0.52561763	0
SLC26A4-AS1	INHBB	-0.395927005	0
SLC26A4-AS1	HPN	-0.432868769	0
SLC26A4-AS1	MMP7	-0.464623905	6.82E-25
SLC26A4-AS1	RAB27A	-0.501922319	0
SLC26A4-AS1	IGF2BP2	-0.505442574	0
SLC26A4-AS1	ITGB4	-0.586500226	0
SLC26A4-AS1	PPP1R1B	-0.502139755	0
SLC26A4-AS1	NPDC1	-0.347456577	9.07E-14
SLC26A4-AS1	CCL13	-0.497988359	6.85E-29
SLC26A4-AS1	SPINT1	-0.6891418	0
SLC26A4-AS1	HEY2	-0.23199945	9.57E-07
SLC26A4-AS1	CST2	-0.630616136	4.71E-50

SLC26A4-AS1	ADM	-0.262552586	2.66E-08
SLC26A4-AS1	VSTM2L	-0.537941433	0
SLC26A4-AS1	FAM84A	-0.526874874	0
SLC26A4-AS1	P4HA2	-0.379426666	7.44E-17
SLC26A4-AS1	LPL	-0.339202081	3.79E-13
SLC26A4-AS1	TMEM173	-0.41473319	0
SLC26A4-AS1	DHRS3	-0.523568509	0
SLC26A4-AS1	SCN1B	-0.510736078	0
SLC26A4-AS1	GLT1D1	-0.240219195	3.82E-07
SLC26A4-AS1	PHYHIP	-0.445611701	0
SLC26A4-AS1	BHLHE40	-0.50125767	0
SLC26A4-AS1	BID	-0.59556759	0
SLC26A4-AS1	POSTN	-0.368789732	1.43E-15
SLC26A4-AS1	ITGA3	-0.696956175	0
SLC26A4-AS1	RSPO4	-0.547203965	0
SLC26A4-AS1	ADAMTS9	-0.072786135	0.127796384
SLC26A4-AS1	ABTB2	-0.662025519	0
SLC26A4-AS1	KCNQ3	-0.687610527	0
SLC26A4-AS1	ANXA1	-0.508297898	0
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SLC26A4-AS1	CEACAM6	-0.55683126	4.11E-37
SLC26A4-AS1	IER5L	-0.575467566	0
SLC26A4-AS1	KRT80	-0.667616597	0
SLC26A4-AS1	CDH6	-0.559114312	0
SLC26A4-AS1	UNC5B	-0.503281402	0
SLC26A4-AS1	PLEKHN1	-0.639717943	0
SLC26A4-AS1	SYTL1	-0.478398205	0
SLC26A4-AS1	TMEM163	-0.546057779	0
SLC26A4-AS1	C4orf48	-0.295764176	3.17E-10
SLC26A4-AS1	B3GNT7	-0.307037958	6.16E-11
SLC26A4-AS1	BAIAP3	-0.525467282	0
SLC26A4-AS1	PHLDA2	-0.468408332	0
SLC26A4-AS1	GAP43	-0.59833061	5.61E-44
SLC26A4-AS1	S100A1	-0.484886261	0
SLC26A4-AS1	PTPRE	-0.659265227	0
SLC26A4-AS1	CCND1	-0.521132882	0
SLC26A4-AS1	ST6GALNAC5	-0.692234766	6.84E-64
SLC26A4-AS1	KRT17	-0.327989856	2.42E-12
SLC26A4-AS1	HPCAL4	-0.362861507	5.01E-15
SLC26A4-AS1	GABBR2	-0.141583952	0.002971645
SLC26A4-AS1	DIRAS3	-0.325536924	3.58E-12
SLC26A4-AS1	SERINC2	-0.490485423	0
SLC26A4-AS1	PTCHD4	-0.476785942	0
SLC26A4-AS1	EPS8	-0.373750344	4.36E-16
SLC26A4-AS1	LY6E	-0.571312731	0
SLC26A4-AS1	UPP1	-0.676567371	0
SLC26A4-AS1	AHNAK2	-0.653358561	0
SLC26A4-AS1	PLXNC1	-0.359363378	1.00E-14
SLC26A4-AS1	TNC	-0.542019108	0
SLC26A4-AS1	DUSP4	-0.389365052	0
SLC26A4-AS1	NRCAM	-0.459613437	0

SLC26A4-AS1	NRP2	-0.355095215	2.26E-14
SLC26A4-AS1	CTSC	-0.460493253	0
SLC26A4-AS1	AMIGO2	-0.42641206	0
SLC26A4-AS1	NAB2	-0.412838388	0
SLC26A4-AS1	TBC1D2	-0.707318229	0
SLC26A4-AS1	PHLDA3	-0.594288502	0
SLC26A4-AS1	PTP4A3	-0.392114707	0
SLC26A4-AS1	CRABP2	-0.282626653	1.96E-09
SLC26A4-AS1	GOS2	-0.359103816	1.05E-14
SLC26A4-AS1	S100A6	-0.693358618	0
SLC26A4-AS1	FOXQ1	-0.516958615	0
SLC26A4-AS1	LRG1	-0.482866216	0
SLC26A4-AS1	LAMP5	-0.451357098	0
SLC26A4-AS1	ALDH3B1	-0.674714553	0
SLC26A4-AS1	CDH2	-0.044219995	0.355177753
SLC26A4-AS1	SCG5	-0.225261477	1.99E-06
SLC26A4-AS1	ZCCHC16	-0.163100606	0.000602264
SLC26A4-AS1	GRB7	-0.688370348	0
SLC26A4-AS1	TIAM1	-0.448581487	0
SLC26A4-AS1	FXD5	-0.325254952	3.74E-12
SLC26A4-AS1	CLDN9	-0.523873459	0
SLC26A4-AS1	FAM43A	-0.537543012	0
SLC26A4-AS1	CHST2	-0.544635152	0
SLC26A4-AS1	HMGA2	-0.41344077	0
SLC26A4-AS1	GALNT7	-0.470384549	0
SLC26A4-AS1	CBLN1	-0.417352071	0
SLC26A4-AS1	STRA6	-0.618372873	0
SLC26A4-AS1	MUC21	-0.522408905	4.15E-32
SLC26A4-AS1	PRR36	-0.589412709	0
SLC26A4-AS1	NFE2L3	-0.596951353	0
SLC26A4-AS1	NR1D1	-0.442226191	0
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SLC26A4-AS1	NAT8L	-0.211333354	8.37E-06
SLC26A4-AS1	APOC1	-0.189676526	6.55E-05
SLC26A4-AS1	EVA1A	-0.712327916	0
SLC26A4-AS1	ENTPD1	-0.273706658	6.40E-09
SLC26A4-AS1	COL1A1	-0.436894533	0
SLC26A4-AS1	FNDC4	-0.446270251	0
SLC26A4-AS1	FRMD3	-0.05140901	0.282353192
SLC26A4-AS1	SHROOM4	-0.465525776	0
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SLC26A4-AS1	EPHB3	-0.689329734	0
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SLC26A4-AS1	ICAM1	-0.499370952	0
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SLC26A4-AS1	CFI	-0.480305914	0
SLC26A4-AS1	CD55	-0.680104647	0
SLC26A4-AS1	RASD2	-0.529514038	0
SLC26A4-AS1	KLK11	-0.484962818	2.81E-27

SLC26A4-AS1	ICAM5	-0.477652425	0
SLC26A4-AS1	ADORA1	-0.42803879	0
SLC26A4-AS1	ITGA2	-0.62409515	0
SLC26A4-AS1	ABCC3	-0.456332602	0
SLC26A4-AS1	MFGE8	-0.566276804	0
SLC26A4-AS1	STK32A	-0.32421174	4.42E-12
SLC26A4-AS1	CYSLTR2	-0.402425982	0
SLC26A4-AS1	LAD1	-0.611835174	0
SLC26A4-AS1	MGAT3	-0.67311463	0
SLC26A4-AS1	IGFBP6	-0.42202447	0
SLC26A4-AS1	CYP2S1	-0.72241594	0
SLC26A4-AS1	KCNJ2	-0.368993978	1.36E-15
SLC26A4-AS1	FAM20A	-0.497795993	0
SLC26A4-AS1	TGFA	-0.406005526	0
SLC26A4-AS1	MXRA8	-0.625873646	0
SLC26A4-AS1	C8orf4	-0.399481869	0
SLC26A4-AS1	CLDN10	-0.545940966	1.82E-35
SLC26A4-AS1	PDE5A	-0.470472913	0
SLC26A4-AS1	APOE	-0.197988324	3.05E-05
SLC26A4-AS1	SPOCK2	-0.609031479	0
SLC26A4-AS1	TENM1	-0.092023789	0.054040677
SLC26A4-AS1	SLIT1	-0.149482294	0.00170237
SLC26A4-AS1	CXCL14	-0.351885441	4.09E-14
SLC26A4-AS1	ECM1	-0.057411983	0.229856112
SLC26A4-AS1	DUSP5	-0.642709288	0
SLC26A4-AS1	SEZ6L2	-0.495568015	0
SLC26A4-AS1	THRSP	-0.093498328	0.050290809
SLC26A4-AS1	C19orf33	-0.696655197	0
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SLC26A4-AS1	CTSH	-0.547764505	0
SLC26A4-AS1	CYP1B1	-0.527794121	0
SLC26A4-AS1	ALOX5	-0.555040182	0
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SLC26A4-AS1	DUSP6	-0.494189358	0
SLC26A4-AS1	ALOX15B	-0.535757283	0
SLC26A4-AS1	SDC4	-0.555329956	0
SLC26A4-AS1	MDK	-0.504163629	0
SLC26A4-AS1	KRT19	-0.745129171	0
SLC26A4-AS1	MET	-0.598945299	0
SLC26A4-AS1	TESC	-0.20234088	2.02E-05
SLC26A4-AS1	CXCL17	-0.539087779	1.84E-34
SLC26A4-AS1	NPC2	-0.376811047	1.85E-16
SLC26A4-AS1	COMP	-0.503605925	0
SLC26A4-AS1	TUSC3	-0.512110622	0
SLC26A4-AS1	TMPRSS4	-0.711839713	0
SLC26A4-AS1	LGALS3	-0.635978549	0
SLC26A4-AS1	CRLF1	-0.558783123	0
SLC26A4-AS1	CTXN1	-0.653341541	0
SLC26A4-AS1	PCSK1N	-0.362256005	5.66E-15
SLC26A4-AS1	NMU	-0.500375656	3.41E-29

SLC26A4-AS1	GALE	-0.540556484	0
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SLC26A4-AS1	GJB3	-0.584396355	0
SLC26A4-AS1	SLPI	-0.58934023	0
SLC26A4-AS1	AGR2	-0.337564004	5.00E-13
SLC26A4-AS1	MRC2	-0.563917769	0
SLC26A4-AS1	GOLT1A	-0.435798274	0
SLC26A4-AS1	SLC27A6	-0.579195066	1.09E-40
SLC26A4-AS1	KCNN4	-0.662001407	0
SLC26A4-AS1	ETV4	-0.519490355	1.04E-31
SLC26A4-AS1	SYT12	-0.606615284	0
SLC26A4-AS1	PVRL4	-0.69781273	0
SLC26A4-AS1	PLCD3	-0.670665954	0
SLC26A4-AS1	PLAU	-0.48861218	0
SLC26A4-AS1	LRRK2	-0.099719872	0.036778275
SLC26A4-AS1	SFN	-0.617687799	0
SLC26A4-AS1	LPAR5	-0.547200844	0
SLC26A4-AS1	NGEF	-0.689934386	0
SLC26A4-AS1	DTX4	-0.502694196	0
SLC26A4-AS1	CST6	-0.567255054	0
SLC26A4-AS1	QPCT	-0.394365378	0
SLC26A4-AS1	TIMP1	-0.53635158	0
SLC26A4-AS1	CAMK2N1	-0.555582851	0
SLC26A4-AS1	KLHDC8A	-0.229578148	1.25E-06
SLC26A4-AS1	PDLIM4	-0.713002777	0
SLC26A4-AS1	SCEL	-0.492338384	0
SLC26A4-AS1	LCN2	-0.647387927	0
SLC26A4-AS1	PROS1	-0.658814894	0
SLC26A4-AS1	GABRB2	-0.553847474	0
SLC26A4-AS1	TMPRSS6	-0.676994585	0
SLC26A4-AS1	KLK7	-0.59240594	6.17E-43
SLC26A4-AS1	PDZK1IP1	-0.431568832	0
SLC26A4-AS1	CDH3	-0.559455147	0
SLC26A4-AS1	LRP4	-0.302076779	1.28E-10
SLC26A4-AS1	IGSF1	-0.355473779	2.11E-14
SLC26A4-AS1	B3GNT3	-0.732440138	0
SLC26A4-AS1	CLDN1	-0.58908308	0
SLC26A4-AS1	GDF15	-0.650588482	0
SLC26A4-AS1	ARHGAP36	-0.274512468	4.98E-09
SLC26A4-AS1	LAMB3	-0.65903077	0
SLC26A4-AS1	KLK10	-0.635605517	0
SLC26A4-AS1	DPP4	-0.525546144	0
SLC26A4-AS1	METTL7B	-0.450883078	0
SLC26A4-AS1	LIPH	-0.58789803	0
SLC26A4-AS1	CLDN16	-0.551530139	0
SLC26A4-AS1	CHI3L1	-0.438661398	0
SLC26A4-AS1	SLC22A31	-0.485959147	2.13E-27
SLC26A4-AS1	TACSTD2	-0.647114749	0
SLC26A4-AS1	SFTPB	-0.534130553	0
SLC26A4-AS1	RXRG	-0.265324651	1.88E-08
SLC26A4-AS1	DCSTAMP	-0.636834688	2.62E-51

SLC26A4-AS1	CITED1	-0.293692077	4.25E-10
SLC26A4-AS1	SERPINA1	-0.628497065	0
SLC26A4-AS1	PRR15	-0.374630727	3.46E-16
SLC26A4-AS1	SLC34A2	-0.647884641	0
SLC26A4-AS1	FN1	-0.716950105	0
SLC26A4-AS1	ZCCHC12	-0.317609222	1.24E-11
AC068138.1	TFF3	0.730427636	2.27E-74
AC068138.1	CCL21	0.517785152	1.77E-31
AC068138.1	TPO	0.736875954	2.56E-76
AC068138.1	MT1G	0.666985435	8.06E-58
AC068138.1	DIO1	0.663910849	4.03E-57
AC068138.1	DPT	0.468434313	2.51E-25
AC068138.1	CDH16	0.731229615	1.31E-74
AC068138.1	CRABP1	0.588194978	3.29E-42
AC068138.1	SLC26A7	0.701295381	3.16E-66
AC068138.1	MT1H	0.625863008	4.10E-49
AC068138.1	SLC26A4	0.740385005	2.10E-77
AC068138.1	SLC5A8	0.725025653	8.82E-73
AC068138.1	PKHD1L1	0.701477188	2.83E-66
AC068138.1	TFCP2L1	0.696650452	5.10E-65
AC068138.1	WSCD2	0.744754217	8.87E-79
AC068138.1	IPCEF1	0.754284045	7.06E-82
AC068138.1	SLC5A5	0.620824466	3.90E-48
AC068138.1	MT1F	0.656837429	1.52E-55
AC068138.1	FOSB	0.437917577	5.40E-22
AC068138.1	SEMA3D	0.757677237	5.14E-83
AC068138.1	BMP8A	0.698273418	1.94E-65
AC068138.1	MATN2	0.720596932	1.66E-71
AC068138.1	PLA2R1	0.731026638	1.50E-74
AC068138.1	COL23A1	0.731983652	7.78E-75
AC068138.1	HGD	0.778144852	2.65E-90
AC068138.1	TCEAL2	0.62822049	1.41E-49
AC068138.1	CHRD1	0.484117305	3.56E-27
AC068138.1	TNFRSF11B	0.617166817	1.95E-47
AC068138.1	FAM167A	0.667775784	5.31E-58
AC068138.1	KIT	0.730498273	2.16E-74
AC068138.1	SLC4A4	0.786988329	1.07E-93
AC068138.1	SMOC2	0.566156718	1.43E-38
AC068138.1	FHL1	0.723144572	3.09E-72
AC068138.1	OTOS	0.670817604	1.06E-58
AC068138.1	IGFBPL1	0.723154603	3.07E-72
AC068138.1	HBB	0.346313894	8.16E-14
AC068138.1	BEX1	0.57203029	1.63E-39
AC068138.1	FABP4	0.548686152	7.09E-36
AC068138.1	LMOD1	0.708525395	3.74E-68
AC068138.1	SOD3	0.600070922	2.75E-44
AC068138.1	TMEM171	0.589672989	1.84E-42
AC068138.1	PI16	0.497911861	7.01E-29
AC068138.1	ZMAT4	0.75818163	3.47E-83
AC068138.1	MFAP4	0.388096405	3.13E-17
AC068138.1	CWH43	0.683301077	1.13E-61

AC068138.1	SPX	0.699091001	1.19E-65
AC068138.1	APOD	0.265818778	1.55E-08
AC068138.1	DPP6	0.755854813	2.11E-82
AC068138.1	MMRN1	0.52773489	7.60E-33
AC068138.1	WDR72	0.659953434	3.11E-56
AC068138.1	MPPED2	0.766938698	3.21E-86
AC068138.1	PAPSS2	0.586154435	7.35E-42
AC068138.1	DCN	0.298608876	1.71E-10
AC068138.1	SORBS2	0.799619294	7.77E-99
AC068138.1	EGR2	0.464982047	6.21E-25
AC068138.1	EDN3	0.576413101	3.14E-40
AC068138.1	DIO2	0.710818285	8.90E-69
AC068138.1	ITPR1	0.796022727	2.46E-97
AC068138.1	CFD	0.334343066	6.32E-13
AC068138.1	CPXM1	0.565268498	1.98E-38
AC068138.1	ELMO1	0.752066048	3.83E-81
AC068138.1	GPC3	0.534974356	7.20E-34
AC068138.1	MYOC	0.315372755	1.36E-11
AC068138.1	DEPTOR	0.651664562	2.03E-54
AC068138.1	DGKI	0.681617804	2.90E-61
AC068138.1	CARTPT	0.744273622	1.26E-78
AC068138.1	IYD	0.584627213	1.33E-41
AC068138.1	LYVE1	0.482501626	5.58E-27
AC068138.1	CLCNKB	0.676421816	5.11E-60
AC068138.1	NCAM1	0.524453356	2.17E-32
AC068138.1	HBA2	0.274765091	4.81E-09
AC068138.1	GLT8D2	0.647214951	1.82E-53
AC068138.1	OGDHL	0.569252155	4.58E-39
AC068138.1	LIFR	0.612678199	1.37E-46
AC068138.1	CSGALNACT1	0.576436496	3.11E-40
AC068138.1	RAP1GAP	0.536353972	4.57E-34
AC068138.1	COL9A3	0.68887179	4.78E-63
AC068138.1	FBLN1	0.316219661	1.19E-11
AC068138.1	EFEMP1	0.523439037	2.99E-32
AC068138.1	AOX1	0.623185941	1.36E-48
AC068138.1	GRIN2C	0.726015613	4.54E-73
AC068138.1	C11orf74	0.629473671	7.95E-50
AC068138.1	PPARGC1A	0.67361815	2.34E-59
AC068138.1	ANGPTL1	0.650266417	4.07E-54
AC068138.1	SCARA5	0.450466955	2.52E-23
AC068138.1	LTF	0.653437314	8.41E-55
AC068138.1	CA4	0.579463841	9.81E-41
AC068138.1	TG	0.605755558	2.59E-45
AC068138.1	FCGBP	0.625083776	5.82E-49
AC068138.1	PBX4	0.646010138	3.27E-53
AC068138.1	CYR61	0.454718864	8.69E-24
AC068138.1	FOS	0.448327141	4.29E-23
AC068138.1	KHDRBS2	0.702112537	1.93E-66
AC068138.1	MUM1L1	0.578427119	1.46E-40
AC068138.1	RGS16	0.697814273	2.56E-65
AC068138.1	MT1M	0.547856294	9.43E-36

AC068138.1	LRP2	0.668273794	4.08E-58
AC068138.1	MAFB	0.658312312	7.19E-56
AC068138.1	KCNK2	0.5760104	3.65E-40
AC068138.1	TBC1D4	0.744479157	1.09E-78
AC068138.1	MIOX	0.664490798	2.98E-57
AC068138.1	TPPP	0.621030049	3.56E-48
AC068138.1	FMOD	0.690369083	2.02E-63
AC068138.1	CITED2	0.474786509	4.60E-26
AC068138.1	RGS8	0.732445121	5.66E-75
AC068138.1	ABI3BP	0.519695095	9.73E-32
AC068138.1	ADH1B	0.463033478	1.03E-24
AC068138.1	OGN	0.385002553	5.84E-17
AC068138.1	NR4A1	0.376915358	2.88E-16
AC068138.1	FOXJ1	0.700342995	5.62E-66
AC068138.1	ALDH1A1	0.66300036	6.47E-57
AC068138.1	OCA2	0.628613139	1.18E-49
AC068138.1	TMEM139	0.456348071	5.75E-24
AC068138.1	ARHGAP24	0.743029807	3.12E-78
AC068138.1	SLC25A15	0.654898154	4.05E-55
AC068138.1	DES	0.323069406	4.02E-12
AC068138.1	GDF10	0.596834092	1.03E-43
AC068138.1	KIAA1324	0.790805604	3.27E-95
AC068138.1	JUN	0.477457552	2.23E-26
AC068138.1	C7	0.280619939	2.18E-09
AC068138.1	LGI3	0.67595416	6.59E-60
AC068138.1	CDON	0.775681041	2.20E-89
AC068138.1	BCL2	0.719168007	4.23E-71
AC068138.1	HLF	0.714845488	6.91E-70
AC068138.1	EGR1	0.498242496	6.36E-29
AC068138.1	IP6K3	0.608708869	7.45E-46
AC068138.1	SCUBE3	0.627619927	1.85E-49
AC068138.1	PKNOX2	0.693693312	2.92E-64
AC068138.1	SMAD9	0.596431943	1.22E-43
AC068138.1	IQGAP2	0.650404572	3.80E-54
AC068138.1	GNA14	0.706945407	9.98E-68
AC068138.1	LAYN	0.600126241	2.69E-44
AC068138.1	AVPR1A	0.660405203	2.47E-56
AC068138.1	PDLIM3	0.563785389	3.39E-38
AC068138.1	GPM6A	0.611824873	1.97E-46
AC068138.1	SDPR	0.560904419	9.60E-38
AC068138.1	CRYAB	0.274115025	5.25E-09
AC068138.1	FOXA2	0.547841637	9.48E-36
AC068138.1	C8orf88	0.692540555	5.72E-64
AC068138.1	ISM1	0.650764711	3.18E-54
AC068138.1	BMP2	0.408358942	4.51E-19
AC068138.1	ID4	0.605408043	3.00E-45
AC068138.1	NUPR1	0.392765021	1.21E-17
AC068138.1	SERTM1	0.591842575	7.73E-43
AC068138.1	IRS1	0.837992045	5.02E-117
AC068138.1	FIBIN	0.418945526	4.37E-20
AC068138.1	PODN	0.345360427	9.64E-14

AC068138.1	TDRD9	0.48431991	3.37E-27
AC068138.1	EPHA3	0.529976859	3.68E-33
AC068138.1	AIF1L	0.469322438	1.98E-25
AC068138.1	EBF4	0.687118186	1.30E-62
AC068138.1	ADM2	0.573942331	7.97E-40
AC068138.1	GSTM3	0.59523408	1.98E-43
AC068138.1	HSD17B6	0.424560376	1.23E-20
AC068138.1	AGR3	0.441014416	2.56E-22
AC068138.1	EPHB1	0.560104141	1.28E-37
AC068138.1	TMOD1	0.490704683	5.58E-28
AC068138.1	WASF3	0.751600946	5.44E-81
AC068138.1	SELV	0.756070064	1.79E-82
AC068138.1	ENPP1	0.517536956	1.91E-31
AC068138.1	SYNE1	0.789388622	1.20E-94
AC068138.1	PLCH1	0.74410994	1.42E-78
AC068138.1	CCDC146	0.714785488	7.18E-70
AC068138.1	SLC16A2	0.785516709	4.03E-93
AC068138.1	IER2	0.511843525	1.10E-30
AC068138.1	KCNAB1	0.690018447	2.47E-63
AC068138.1	SYNDIG1	0.593975083	3.29E-43
AC068138.1	C16orf89	0.624619099	7.17E-49
AC068138.1	CTGF	0.362131501	4.75E-15
AC068138.1	NR4A3	0.27580948	4.18E-09
AC068138.1	KIAA1456	0.638318567	1.30E-51
AC068138.1	AQP4	0.646195385	2.99E-53
AC068138.1	RNF150	0.711035305	7.77E-69
AC068138.1	C1S	0.267520325	1.25E-08
AC068138.1	PFKFB2	0.614939458	5.14E-47
AC068138.1	PROX1	0.687248682	1.21E-62
AC068138.1	TCF7L1	0.694234443	2.12E-64
AC068138.1	HSPB6	0.417015045	6.73E-20
AC068138.1	FHDC1	0.608979789	6.64E-46
AC068138.1	PRR15L	0.50060035	3.19E-29
AC068138.1	SLC1A1	0.612055509	1.79E-46
AC068138.1	BTBD11	0.699307595	1.05E-65
AC068138.1	TRIM58	0.647622324	1.49E-53
AC068138.1	LRIG1	0.688130093	7.31E-63
AC068138.1	ROR2	0.511402677	1.26E-30
AC068138.1	GPR125	0.695488334	1.02E-64
AC068138.1	FLRT1	0.726732345	2.80E-73
AC068138.1	PGF	0.546567793	1.47E-35
AC068138.1	DUSP1	0.382933325	8.82E-17
AC068138.1	PLA2G7	0.441323791	2.38E-22
AC068138.1	PLSCR4	0.635175187	5.71E-51
AC068138.1	FAM46B	0.486310816	1.93E-27
AC068138.1	GLDC	0.55536815	6.89E-37
AC068138.1	ZBTB16	0.516666892	2.50E-31
AC068138.1	OMD	0.321106112	5.50E-12
AC068138.1	HSD11B2	0.588572714	2.84E-42
AC068138.1	FGL2	0.406358532	6.95E-19
AC068138.1	CLCNKA	0.732302682	6.24E-75

AC068138.1	GATM	0.577378759	2.17E-40
AC068138.1	TNS3	0.563356882	3.96E-38
AC068138.1	TOB1	0.431579187	2.42E-21
AC068138.1	MARC2	0.638710621	1.08E-51
AC068138.1	LRRC2	0.63554412	4.80E-51
AC068138.1	SORD	0.423777545	1.47E-20
AC068138.1	RIMS4	0.570813136	2.57E-39
AC068138.1	SLC29A4	0.610010419	4.28E-46
AC068138.1	SLC39A14	0.637685238	1.76E-51
AC068138.1	FAXDC2	0.663275252	5.61E-57
AC068138.1	HSPB8	0.390193268	2.05E-17
AC068138.1	CCL19	0.150461903	0.001569291
AC068138.1	KCNIP3	0.613434364	9.86E-47
AC068138.1	CGNL1	0.674909913	1.16E-59
AC068138.1	ATF3	0.156645303	0.000990971
AC068138.1	SGCD	0.479767889	1.18E-26
AC068138.1	STARD13	0.651975765	1.74E-54
AC068138.1	LDHD	0.63532781	5.31E-51
AC068138.1	RCAN1	0.436775174	7.09E-22
AC068138.1	ID3	0.405373859	8.58E-19
AC068138.1	SYTL3	0.587566055	4.22E-42
AC068138.1	MT1E	0.465886011	4.90E-25
AC068138.1	CAMK1D	0.654844112	4.16E-55
AC068138.1	PRKCQ	0.672308798	4.75E-59
AC068138.1	NUAK2	0.484562745	3.15E-27
AC068138.1	LIPG	0.639323098	8.11E-52
AC068138.1	SLC25A25	0.440402806	2.97E-22
AC068138.1	PRKX	0.348032037	6.04E-14
AC068138.1	SRPX	0.382263259	1.01E-16
AC068138.1	FAM189A1	0.608920782	6.81E-46
AC068138.1	PLEKHH1	0.707818876	5.81E-68
AC068138.1	WNT11	0.53763226	2.99E-34
AC068138.1	SNAI1	0.431445854	2.49E-21
AC068138.1	FDCSP	0.19397355	4.29E-05
AC068138.1	MT1X	0.44233045	1.87E-22
AC068138.1	ACACB	0.737480205	1.67E-76
AC068138.1	ARC	0.234979444	6.38E-07
AC068138.1	KLK4	0.326737163	2.22E-12
AC068138.1	ZFPM2	0.551745767	2.45E-36
AC068138.1	AKAP12	0.513781808	6.09E-31
AC068138.1	GJB6	0.408009641	4.86E-19
AC068138.1	ERO1LB	0.682542335	1.73E-61
AC068138.1	DNALI1	0.642262366	2.00E-52
AC068138.1	HKDC1	0.518589714	1.38E-31
AC068138.1	ZFP36L2	0.5701669	3.26E-39
AC068138.1	CAPSL	0.682493041	1.78E-61
AC068138.1	CYP7B1	0.689457175	3.41E-63
AC068138.1	CPQ	0.640769612	4.08E-52
AC068138.1	RPS6KA6	0.641971469	2.30E-52
AC068138.1	TLE1	0.5843753	1.47E-41
AC068138.1	TP53INP2	0.610803179	3.05E-46

AC068138.1	KATNAL2	0.681591421	2.94E-61
AC068138.1	SGPP2	0.434673631	1.17E-21
AC068138.1	CTH	0.637016307	2.41E-51
AC068138.1	KIF12	0.399493054	2.99E-18
AC068138.1	TMEM220	0.685815359	2.74E-62
AC068138.1	CENPJ	0.679166617	1.13E-60
AC068138.1	FAM155B	0.523890381	2.59E-32
AC068138.1	WFS1	0.619644386	6.57E-48
AC068138.1	SELENBP1	0.62457527	7.32E-49
AC068138.1	SNTA1	0.503655504	1.29E-29
AC068138.1	FRAS1	0.394057493	9.27E-18
AC068138.1	FBLN7	0.631249118	3.52E-50
AC068138.1	AGPAT9	0.570031156	3.43E-39
AC068138.1	GPR83	0.647245873	1.79E-53
AC068138.1	PRTG	0.645070713	5.16E-53
AC068138.1	EGR3	0.299269864	1.56E-10
AC068138.1	GRAMD2	0.485088415	2.72E-27
AC068138.1	HYOU1	0.639736144	6.66E-52
AC068138.1	FBLN5	0.411121474	2.47E-19
AC068138.1	ITM2A	0.586341384	6.83E-42
AC068138.1	SRF	0.533222082	1.28E-33
AC068138.1	FGFR2	0.478203646	1.82E-26
AC068138.1	MT1A	0.304235865	7.45E-11
AC068138.1	MAMDC2	0.457244518	4.58E-24
AC068138.1	FHL2	0.435870075	8.79E-22
AC068138.1	FTCDNL1	0.555631836	6.28E-37
AC068138.1	PKIA	0.426349298	8.13E-21
AC068138.1	DNAJB4	0.517192278	2.12E-31
AC068138.1	SLC25A33	0.564576305	2.54E-38
AC068138.1	EYA2	0.391549995	1.55E-17
AC068138.1	LPAR1	0.320821895	5.75E-12
AC068138.1	STX11	0.438728776	4.44E-22
AC068138.1	ARHGEF28	0.636311065	3.35E-51
AC068138.1	OR2W3	0.613653653	8.97E-47
AC068138.1	ALDH1B1	0.505902738	6.63E-30
AC068138.1	CXCL12	0.353506462	2.28E-14
AC068138.1	OLFM2	0.588606898	2.80E-42
AC068138.1	TUB	0.493311613	2.65E-28
AC068138.1	HTRA3	0.320824873	5.75E-12
AC068138.1	CKB	0.440463514	2.93E-22
AC068138.1	RGS2	0.170623066	0.000329254
AC068138.1	SHANK2	0.725331505	7.18E-73
AC068138.1	CNTFR	0.652533691	1.32E-54
AC068138.1	CYTH3	0.669469246	2.17E-58
AC068138.1	PLAC9	0.384028352	7.09E-17
AC068138.1	WVOX	0.646679353	2.36E-53
AC068138.1	NPR3	0.493053459	2.85E-28
AC068138.1	SDC2	0.557695366	3.02E-37
AC068138.1	KLF15	0.577698472	1.93E-40
AC068138.1	TMEM164	0.747055024	1.63E-79
AC068138.1	LONRF3	0.463423903	9.33E-25

AC068138.1	GBP1	0.351791866	3.10E-14
AC068138.1	ARHGAP6	0.532961374	1.39E-33
AC068138.1	TMEM119	0.266300901	1.46E-08
AC068138.1	SH3RF1	0.606289881	2.07E-45
AC068138.1	CRELD2	0.513751453	6.14E-31
AC068138.1	PCP4	0.096348043	0.043627083
AC068138.1	GCSH	0.644428448	7.04E-53
AC068138.1	IMPA2	0.522955353	3.49E-32
AC068138.1	C1R	0.245379362	1.93E-07
AC068138.1	SUCNR1	0.522776064	3.69E-32
AC068138.1	SFRP1	0.536609715	4.20E-34
AC068138.1	UGT8	0.530246502	3.38E-33
AC068138.1	TLE4	0.413146848	1.59E-19
AC068138.1	ANTXR1	0.534826466	7.56E-34
AC068138.1	GPX3	0.482633682	5.38E-27
AC068138.1	DPY19L2	0.632458896	2.02E-50
AC068138.1	FAM46C	0.574868423	5.63E-40
AC068138.1	IL33	0.374550638	4.55E-16
AC068138.1	PEG3	0.668352801	3.92E-58
AC068138.1	FAHD2A	0.559899179	1.38E-37
AC068138.1	PTGDS	0.1492099	0.001718846
AC068138.1	CHCHD10	0.371849014	7.65E-16
AC068138.1	CD36	0.555967578	5.58E-37
AC068138.1	ANKRD37	0.51313699	7.42E-31
AC068138.1	TSPAN33	0.59426884	2.92E-43
AC068138.1	PRDM16	0.639995291	5.89E-52
AC068138.1	UST	0.628092689	1.49E-49
AC068138.1	NEXN	0.597242717	8.75E-44
AC068138.1	NUPR1L	0.305698149	5.98E-11
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AC068138.1	MARC1	0.603846921	5.75E-45
AC068138.1	MYH11	0.372145608	7.23E-16
AC068138.1	APOA1	0.560411748	1.15E-37
AC068138.1	TMEM178B	0.471870645	1.01E-25
AC068138.1	CAPN6	0.391134106	1.69E-17
AC068138.1	PPM1L	0.664887863	2.42E-57
AC068138.1	FZD8	0.665290413	1.96E-57
AC068138.1	RCAN2	0.642561087	1.73E-52
AC068138.1	COPZ2	0.576344157	3.22E-40
AC068138.1	GAS1	0.397260022	4.77E-18
AC068138.1	DACT1	0.581262984	4.92E-41
AC068138.1	WBSCR17	0.613075076	1.15E-46
AC068138.1	NCS1	0.436166952	8.19E-22
AC068138.1	SPIRE2	0.478221234	1.81E-26
AC068138.1	C15orf52	0.530565365	3.04E-33
AC068138.1	SPAG5	0.602547782	9.88E-45
AC068138.1	ARL4D	0.483883885	3.80E-27
AC068138.1	FAM189A2	0.564265811	2.85E-38
AC068138.1	MAP1LC3A	0.556657785	4.37E-37
AC068138.1	KLF6	0.154544185	0.001160704
AC068138.1	ADD3	0.485473234	2.44E-27

AC068138.1	TSPAN7	0.427032697	6.95E-21
AC068138.1	KLF9	0.48624798	1.96E-27
AC068138.1	KCNQ1	0.59133482	9.47E-43
AC068138.1	MAN1A1	0.368694713	1.39E-15
AC068138.1	MLF1	0.366364376	2.16E-15
AC068138.1	RARB	0.691609782	9.83E-64
AC068138.1	CDC42EP2	0.54355349	4.10E-35
AC068138.1	FAM3B	0.311322394	2.54E-11
AC068138.1	GADD45B	0.301937928	1.05E-10
AC068138.1	TMEM47	0.582421414	3.14E-41
AC068138.1	SDF2L1	0.418121277	5.26E-20
AC068138.1	CCDC85A	0.442005205	2.02E-22
AC068138.1	CRYBG3	0.354891416	1.78E-14
AC068138.1	FBLN2	0.198759017	2.73E-05
AC068138.1	PEBP4	0.373638078	5.43E-16
AC068138.1	CDADC1	0.69163503	9.69E-64
AC068138.1	FAM63A	0.700083333	6.57E-66
AC068138.1	GLUL	0.445488298	8.64E-23
AC068138.1	FREM2	0.571369869	2.09E-39
AC068138.1	ACKR3	0.507656466	3.92E-30
AC068138.1	DENND6A	0.685840607	2.70E-62
AC068138.1	CLDN8	0.168474856	0.000392242
AC068138.1	UTS2R	0.264025585	1.95E-08
AC068138.1	SCNN1B	0.470796753	1.34E-25
AC068138.1	TTC30A	0.667362737	6.61E-58
AC068138.1	CORO2B	0.681124049	3.82E-61
AC068138.1	TC2N	0.400173049	2.59E-18
AC068138.1	ALDH2	0.639981816	5.93E-52
AC068138.1	GPR183	0.180618024	0.000141852
AC068138.1	C4orf47	0.583127792	2.39E-41
AC068138.1	SLC25A42	0.608911278	6.83E-46
AC068138.1	LGMN	0.6214265	2.98E-48
AC068138.1	ACSF2	0.620530479	4.44E-48
AC068138.1	KIAA1467	0.648207142	1.12E-53
AC068138.1	PRKG1	0.64962245	5.59E-54
AC068138.1	GNAI1	0.634079451	9.51E-51
AC068138.1	ABCC4	0.519723747	9.65E-32
AC068138.1	PRPS1	0.691401983	1.11E-63
AC068138.1	TSPAN5	0.497779663	7.28E-29
AC068138.1	CR2	0.352956304	2.52E-14
AC068138.1	CCDC170	0.589156397	2.25E-42
AC068138.1	RRAD	0.089248382	0.061711954
AC068138.1	SCGB2A1	0.515727183	3.34E-31
AC068138.1	SESN3	0.417442559	6.12E-20
AC068138.1	SGK223	0.402304663	1.65E-18
AC068138.1	NDRG2	0.701977928	2.09E-66
AC068138.1	C3orf52	0.326533481	2.29E-12
AC068138.1	FLRT3	-0.229705159	1.15E-06
AC068138.1	MST1R	-0.551977255	2.26E-36
AC068138.1	SDC1	-0.396094357	6.08E-18
AC068138.1	ST8SIA4	-0.38445459	6.51E-17

AC068138.1	UBTD1	-0.4614625	1.55E-24
AC068138.1	EPHA2	-0.391619356	1.53E-17
AC068138.1	TMEM130	-0.239694868	3.73E-07
AC068138.1	SPINK2	-0.410847859	2.63E-19
AC068138.1	MMP16	-0.473173188	7.10E-26
AC068138.1	SIGLEC15	-0.560856902	9.77E-38
AC068138.1	RIN1	-0.564368931	2.74E-38
AC068138.1	IL1RN	-0.499377239	4.57E-29
AC068138.1	FCER1G	-0.221423379	2.81E-06
AC068138.1	CD276	-0.54717715	1.19E-35
AC068138.1	CTSB	-0.444790573	1.02E-22
AC068138.1	FAM171A2	-0.168446487	0.000393144
AC068138.1	ASPHD1	-0.553543767	1.31E-36
AC068138.1	C15orf48	-0.278362793	2.97E-09
AC068138.1	DYSF	-0.180516181	0.000143107
AC068138.1	PDZRN4	-0.10593506	0.026452295
AC068138.1	EFHD2	-0.181665391	0.000129528
AC068138.1	ASF1B	-0.366640402	2.05E-15
AC068138.1	AQP1	-0.159484997	0.000797838
AC068138.1	ARRDC2	-0.531703228	2.10E-33
AC068138.1	PRSS1	-0.328605611	1.64E-12
AC068138.1	MAPK13	-0.392723745	1.22E-17
AC068138.1	CST5	-0.58462094	1.34E-41
AC068138.1	AHR	-0.440320395	3.03E-22
AC068138.1	BAX	-0.500735668	3.07E-29
AC068138.1	C1orf115	-0.369409459	1.22E-15
AC068138.1	PLK3	-0.485514369	2.41E-27
AC068138.1	JAG2	-0.316979229	1.06E-11
AC068138.1	RAD23B	-0.467152952	3.52E-25
AC068138.1	CA12	0.181309082	0.000133603
AC068138.1	ADTRP	-0.407083633	5.94E-19
AC068138.1	UCP2	-0.506215626	6.03E-30
AC068138.1	IGFBP2	-0.398915753	3.38E-18
AC068138.1	LOXL2	-0.274406228	5.05E-09
AC068138.1	GPX1	-0.456900408	5.00E-24
AC068138.1	P3H3	-0.494189904	2.06E-28
AC068138.1	C2orf81	-0.4360044	8.51E-22
AC068138.1	CDT1	-0.473727652	6.11E-26
AC068138.1	SNX25	-0.206336688	1.31E-05
AC068138.1	MTHFD1L	-0.508205539	3.32E-30
AC068138.1	CDC42BPG	-0.556033058	5.45E-37
AC068138.1	MSN	-0.550214006	4.18E-36
AC068138.1	SIGLEC6	-0.450978322	2.22E-23
AC068138.1	F2R	-0.140243729	0.003233512
AC068138.1	TMEM184A	-0.602933311	8.42E-45
AC068138.1	CKS2	-0.301997077	1.04E-10
AC068138.1	TAX1BP3	-0.644720077	6.12E-53
AC068138.1	PMEP1	-0.42109629	2.69E-20
AC068138.1	CXCL16	-0.495350746	1.47E-28
AC068138.1	FAXC	-0.608173412	9.34E-46
AC068138.1	VTCN1	-0.537606608	3.02E-34

AC068138.1	SH2D4A	-0.48378346	3.91E-27
AC068138.1	RNF24	-0.364863962	2.86E-15
AC068138.1	LY6G6C	-0.556879116	4.04E-37
AC068138.1	NID1	-0.285456355	1.12E-09
AC068138.1	STAC	-0.564750772	2.39E-38
AC068138.1	RAB34	-0.607539374	1.22E-45
AC068138.1	HES4	-0.3958945	6.34E-18
AC068138.1	EPHA10	-0.573092125	1.10E-39
AC068138.1	ENTPD2	-0.496767898	9.77E-29
AC068138.1	DDB2	-0.496375135	1.10E-28
AC068138.1	NKAIN4	-0.331813724	9.64E-13
AC068138.1	TRIM29	-0.555584035	6.39E-37
AC068138.1	ADCY8	-0.473159747	7.12E-26
AC068138.1	SFTA2	-0.412902027	1.67E-19
AC068138.1	NRIP1	-0.368994001	1.32E-15
AC068138.1	VWA1	-0.130635719	0.006123872
AC068138.1	APLNR	-0.076450751	0.109688262
AC068138.1	REN	-0.49816512	6.51E-29
AC068138.1	EDIL3	-0.160796618	0.000720947
AC068138.1	AGRN	-0.398218312	3.91E-18
AC068138.1	TREM1	-0.347119704	7.09E-14
AC068138.1	SRL	-0.286092662	1.03E-09
AC068138.1	RASGRF1	-0.529036866	4.99E-33
AC068138.1	RMI2	-0.493888204	2.24E-28
AC068138.1	SAMD1	-0.599250361	3.85E-44
AC068138.1	MGAT4B	-0.666929266	8.30E-58
AC068138.1	NXN	-0.550914851	3.28E-36
AC068138.1	SH3BGRL3	-0.527696025	7.69E-33
AC068138.1	CA11	-0.312157139	2.24E-11
AC068138.1	PLD3	-0.261895262	2.56E-08
AC068138.1	LURAP1L	-0.400900986	2.22E-18
AC068138.1	CARNS1	-0.316338809	1.17E-11
AC068138.1	PDLIM7	-0.444284903	1.16E-22
AC068138.1	BCL2L1	-0.611979056	1.84E-46
AC068138.1	GGT6	-0.410752682	2.68E-19
AC068138.1	DPYSL3	-0.150128049	0.001607957
AC068138.1	FYN	-0.552228742	2.07E-36
AC068138.1	TK1	-0.363759148	3.51E-15
AC068138.1	AK1	-0.278882931	2.77E-09
AC068138.1	HIGD1B	-0.10508301	0.027696782
AC068138.1	TMEM59L	-0.412431393	1.86E-19
AC068138.1	MEGF9	-0.333561086	7.21E-13
AC068138.1	ZFP36L1	-0.381206955	1.24E-16
AC068138.1	ADRA1B	-0.31371429	1.76E-11
AC068138.1	EPHA4	-0.387779245	3.34E-17
AC068138.1	TCERG1L	-0.216766252	4.57E-06
AC068138.1	NGFR	-0.276047634	4.05E-09
AC068138.1	EBI3	-0.463815389	8.42E-25
AC068138.1	S100A10	-0.499439792	4.48E-29
AC068138.1	S100B	-0.301543747	1.11E-10
AC068138.1	CD44	-0.1804515	0.00014391

AC068138.1	BHLHE41	-0.456021124	6.25E-24
AC068138.1	FBX02	-0.403670043	1.24E-18
AC068138.1	SLC30A2	-0.409974816	3.18E-19
AC068138.1	FRMD5	-0.49070142	5.58E-28
AC068138.1	SAMD11	-0.40828107	4.59E-19
AC068138.1	SIPA1L2	-0.4021058	1.72E-18
AC068138.1	S100A16	-0.59927107	3.82E-44
AC068138.1	PPL	-0.551667044	2.52E-36
AC068138.1	ARHGDIB	-0.206809592	1.25E-05
AC068138.1	CDC42EP3	-0.455797012	6.61E-24
AC068138.1	RUNX2	-0.377475211	2.58E-16
AC068138.1	LAMC2	-0.484384165	3.31E-27
AC068138.1	BRINP1	-0.498456395	5.98E-29
AC068138.1	GPRC5B	-0.429091972	4.31E-21
AC068138.1	AQP5	-0.160992645	0.000710064
AC068138.1	PLAG1	-0.314470029	1.56E-11
AC068138.1	PTPRU	-0.535184761	6.72E-34
AC068138.1	ANGPTL4	-0.493558278	2.47E-28
AC068138.1	PALM3	-0.503801318	1.24E-29
AC068138.1	ACP5	-0.317427595	9.84E-12
AC068138.1	DLG4	-0.269289814	9.90E-09
AC068138.1	ETNK2	-0.519118504	1.17E-31
AC068138.1	CD109	-0.493733312	2.35E-28
AC068138.1	SNX22	-0.356129846	1.42E-14
AC068138.1	TMEM98	-0.534029877	9.83E-34
AC068138.1	CTHRC1	-0.352397535	2.79E-14
AC068138.1	S100A2	-0.478039959	1.90E-26
AC068138.1	C11orf80	-0.636989925	2.44E-51
AC068138.1	SREBF1	-0.464825452	6.47E-25
AC068138.1	PRSS22	-0.583916296	1.76E-41
AC068138.1	CMTM3	-0.479235978	1.37E-26
AC068138.1	RDH5	-0.467893655	2.89E-25
AC068138.1	MYH10	-0.385378412	5.41E-17
AC068138.1	EVPL	-0.551365061	2.80E-36
AC068138.1	SCD	-0.41185934	2.10E-19
AC068138.1	CD151	-0.610234105	3.89E-46
AC068138.1	S100A4	-0.597134916	9.14E-44
AC068138.1	BNIP1	-0.386356277	4.45E-17
AC068138.1	MAP3K6	-0.546284675	1.62E-35
AC068138.1	MANEAL	-0.507425971	4.20E-30
AC068138.1	CD207	-0.325181949	2.86E-12
AC068138.1	CD1A	-0.342307995	1.63E-13
AC068138.1	C3	-0.319541053	7.05E-12
AC068138.1	NT5E	-0.3990871	3.26E-18
AC068138.1	CACNG4	-0.48866774	9.94E-28
AC068138.1	FHOD1	-0.481648016	7.06E-27
AC068138.1	LEMD1	-0.577847124	1.82E-40
AC068138.1	ATP11A	-0.128147795	0.007178847
AC068138.1	PPAP2C	-0.394099763	9.19E-18
AC068138.1	DRAM1	-0.480635116	9.33E-27
AC068138.1	CDA	-0.269043575	1.02E-08

AC068138.1	CCND2	-0.229276935	1.20E-06
AC068138.1	LCN6	-0.274917652	4.71E-09
AC068138.1	CDH4	-0.359668826	7.48E-15
AC068138.1	MMP11	-0.439444657	3.74E-22
AC068138.1	B3GAT1	-0.395948401	6.27E-18
AC068138.1	SPP1	-0.232234075	8.68E-07
AC068138.1	HLA-DQB1	-0.294636709	3.05E-10
AC068138.1	SDC3	-0.526795891	1.03E-32
AC068138.1	CX3CL1	-0.351754561	3.12E-14
AC068138.1	SDK1	-0.34999883	4.27E-14
AC068138.1	DOCK9	-0.445516808	8.58E-23
AC068138.1	CSF2	-0.510655713	1.58E-30
AC068138.1	GRHL3	-0.562298025	5.81E-38
AC068138.1	TMEM92	-0.589255433	2.17E-42
AC068138.1	BASP1	-0.646326306	2.81E-53
AC068138.1	HRH1	-0.535663765	5.74E-34
AC068138.1	ESM1	-0.105016344	0.027796242
AC068138.1	B4GALNT3	-0.484412392	3.28E-27
AC068138.1	LMO3	-0.228392403	1.33E-06
AC068138.1	C9orf16	-0.617235611	1.89E-47
AC068138.1	SEMA3F	-0.314634425	1.52E-11
AC068138.1	PLA2G12B	-0.293859294	3.42E-10
AC068138.1	KLK6	-0.506313209	5.86E-30
AC068138.1	ST3GAL5	-0.434245549	1.29E-21
AC068138.1	FAM132B	-0.199196318	2.62E-05
AC068138.1	CDKN1A	-0.268155213	1.15E-08
AC068138.1	E2F1	-0.474813601	4.56E-26
AC068138.1	B3GNT8	-0.443977671	1.25E-22
AC068138.1	MTMR11	-0.473549923	6.41E-26
AC068138.1	MYO1G	-0.436040996	8.44E-22
AC068138.1	TMSB10	-0.552311294	2.01E-36
AC068138.1	UNC5CL	-0.55401582	1.11E-36
AC068138.1	ABR	-0.397314915	4.72E-18
AC068138.1	PLP2	-0.559954781	1.35E-37
AC068138.1	SRCIN1	-0.443725759	1.33E-22
AC068138.1	PDE9A	-0.664939352	2.36E-57
AC068138.1	TREM2	-0.270944269	7.98E-09
AC068138.1	KDEL3	-0.362452917	4.48E-15
AC068138.1	PC	-0.595829253	1.55E-43
AC068138.1	C2CD4A	-0.541847688	7.29E-35
AC068138.1	PELI1	-0.479110731	1.42E-26
AC068138.1	SSX1	-0.449063447	3.58E-23
AC068138.1	MROH6	-0.616141435	3.05E-47
AC068138.1	ESPN	-0.514835558	4.40E-31
AC068138.1	BMP1	-0.406104917	7.33E-19
AC068138.1	TM4SF4	-0.465066064	6.08E-25
AC068138.1	CORO2A	-0.490272062	6.31E-28
AC068138.1	CD164L2	-0.459064237	2.87E-24
AC068138.1	CTSS	-0.316296256	1.18E-11
AC068138.1	CLU	-0.491298579	4.71E-28
AC068138.1	TMSB4X	-0.5111997	1.34E-30

AC068138.1	WNT10A	-0.527895121	7.21E-33
AC068138.1	NAPSA	-0.354662482	1.86E-14
AC068138.1	PLEKHA4	-0.516554127	2.59E-31
AC068138.1	SFTPA1	-0.018026822	0.706428071
AC068138.1	C1orf116	-0.539548415	1.58E-34
AC068138.1	TM4SF1	-0.489784832	7.24E-28
AC068138.1	SEL1L3	-0.436642977	7.31E-22
AC068138.1	VASN	-0.576649686	2.87E-40
AC068138.1	NPTXR	-0.566167924	1.42E-38
AC068138.1	PDE4C	-0.579684131	9.02E-41
AC068138.1	CDC42EP1	-0.617911208	1.41E-47
AC068138.1	ENDOD1	-0.583877006	1.79E-41
AC068138.1	RYR1	-0.520843597	6.79E-32
AC068138.1	IL1RAP	-0.474018572	5.65E-26
AC068138.1	SLC35F2	-0.612141488	1.72E-46
AC068138.1	ISYNA1	-0.464915664	6.32E-25
AC068138.1	HLA-G	-0.448161894	4.47E-23
AC068138.1	CDKN2B	-0.482666731	5.33E-27
AC068138.1	ALDH1A3	-0.449133801	3.52E-23
AC068138.1	CLIP3	-0.385104656	5.72E-17
AC068138.1	ULBP2	-0.408028732	4.84E-19
AC068138.1	ETHE1	-0.642544066	1.74E-52
AC068138.1	XPR1	-0.408218234	4.65E-19
AC068138.1	SPTBN2	-0.59313438	4.61E-43
AC068138.1	IVL	-0.523188111	3.24E-32
AC068138.1	MARCO	-0.422565214	1.93E-20
AC068138.1	PLXND1	-0.299235822	1.56E-10
AC068138.1	EMILIN2	-0.380419728	1.45E-16
AC068138.1	PLAUR	-0.462691284	1.13E-24
AC068138.1	CDC42EP5	-0.61855092	1.06E-47
AC068138.1	TRPC5	-0.277298925	3.43E-09
AC068138.1	TMEM100	-0.304442448	7.23E-11
AC068138.1	QSOX1	-0.628492119	1.24E-49
AC068138.1	ARHGAP23	-0.521955219	4.79E-32
AC068138.1	MDFI	-0.335283342	5.40E-13
AC068138.1	FSTL3	-0.620047929	5.50E-48
AC068138.1	INF2	-0.617957591	1.38E-47
AC068138.1	TGFBR1	-0.534044345	9.78E-34
AC068138.1	TGFBI	-0.208128731	1.10E-05
AC068138.1	ERBB3	-0.619341694	7.51E-48
AC068138.1	CCL18	-0.344137174	1.19E-13
AC068138.1	CCL17	-0.35213379	2.92E-14
AC068138.1	C16orf45	-0.424341513	1.29E-20
AC068138.1	PRDM1	-0.256276299	5.17E-08
AC068138.1	TRIM47	-0.641476556	2.91E-52
AC068138.1	CNFN	-0.516075265	3.00E-31
AC068138.1	ARMCX3	-0.389972419	2.14E-17
AC068138.1	RAMP1	-0.418571345	4.75E-20
AC068138.1	GABRD	-0.146581268	0.002076202
AC068138.1	COL13A1	-0.1878713	7.48E-05
AC068138.1	S100A5	-0.562452208	5.50E-38

AC068138.1	MISP	-0.482612973	5.41E-27
AC068138.1	HES6	-0.319183042	7.46E-12
AC068138.1	PSD3	-0.422320677	2.04E-20
AC068138.1	DOK7	-0.617229795	1.90E-47
AC068138.1	ZMAT3	-0.468125001	2.72E-25
AC068138.1	MFAP2	-0.363113196	3.96E-15
AC068138.1	TMEM79	-0.575414377	4.58E-40
AC068138.1	SLC1A5	-0.376113946	3.36E-16
AC068138.1	BBC3	-0.546238434	1.64E-35
AC068138.1	HLA-DQB2	-0.289687669	6.19E-10
AC068138.1	C1QL1	-0.474114741	5.51E-26
AC068138.1	TMEM215	-0.106969624	0.025006214
AC068138.1	PNP	-0.451024141	2.20E-23
AC068138.1	ARNTL	-0.462575541	1.16E-24
AC068138.1	CLDN2	-0.216097755	4.90E-06
AC068138.1	MVP	-0.597020024	9.58E-44
AC068138.1	LGALS1	-0.484047855	3.63E-27
AC068138.1	BIRC7	-0.536176623	4.84E-34
AC068138.1	COL8A1	-0.430586428	3.05E-21
AC068138.1	PERP	-0.620839554	3.87E-48
AC068138.1	GJA4	-0.278876122	2.77E-09
AC068138.1	IGFL2	-0.448851047	3.77E-23
AC068138.1	DAPK2	-0.518157518	1.57E-31
AC068138.1	MAMLD1	-0.478032867	1.90E-26
AC068138.1	ETV5	-0.2584177	3.96E-08
AC068138.1	RUNX1	-0.60076269	2.07E-44
AC068138.1	LONRF2	-0.281122062	2.04E-09
AC068138.1	SPOCK1	-0.201472329	2.11E-05
AC068138.1	XKRX	-0.386211739	4.58E-17
AC068138.1	TGFB1	-0.30505833	6.59E-11
AC068138.1	ERP27	-0.191511981	5.38E-05
AC068138.1	TNFRSF10C	-0.342869524	1.48E-13
AC068138.1	PALM	-0.663000927	6.46E-57
AC068138.1	TSC22D1	-0.349756279	4.45E-14
AC068138.1	TGM2	-0.455138152	7.81E-24
AC068138.1	UBE2QL1	-0.281935673	1.82E-09
AC068138.1	ECE1	-0.544105968	3.40E-35
AC068138.1	COL8A2	-0.520273247	8.12E-32
AC068138.1	HIST3H2A	-0.487071662	1.56E-27
AC068138.1	TNFRSF21	-0.532327621	1.72E-33
AC068138.1	SOX4	-0.568292163	6.53E-39
AC068138.1	ELF3	-0.66383312	4.20E-57
AC068138.1	TPD52L1	-0.591500776	8.87E-43
AC068138.1	INHBB	-0.389609443	2.31E-17
AC068138.1	HPN	-0.444767169	1.03E-22
AC068138.1	MMP7	-0.419920962	3.51E-20
AC068138.1	RAB27A	-0.496515418	1.05E-28
AC068138.1	IGF2BP2	-0.475910188	3.39E-26
AC068138.1	ITGB4	-0.502809837	1.66E-29
AC068138.1	PPP1R1B	-0.529527926	4.26E-33
AC068138.1	NPDC1	-0.429752251	3.70E-21

AC068138.1	CCL13	-0.44917623	3.48E-23
AC068138.1	SPINT1	-0.660003788	3.03E-56
AC068138.1	HEY2	-0.297521793	2.01E-10
AC068138.1	CST2	-0.502856878	1.64E-29
AC068138.1	ADM	-0.356381901	1.36E-14
AC068138.1	VSTM2L	-0.505896621	6.64E-30
AC068138.1	FAM84A	-0.501143892	2.72E-29
AC068138.1	P4HA2	-0.397254632	4.78E-18
AC068138.1	LPL	-0.35011812	4.18E-14
AC068138.1	TMEM173	-0.484754516	2.98E-27
AC068138.1	DHRS3	-0.584610617	1.34E-41
AC068138.1	SCN1B	-0.546739281	1.38E-35
AC068138.1	GLT1D1	-0.294307066	3.20E-10
AC068138.1	PHYHIP	-0.498650153	5.65E-29
AC068138.1	BHLHE40	-0.495303512	1.49E-28
AC068138.1	BID	-0.653225543	9.35E-55
AC068138.1	POSTN	-0.26986598	9.18E-09
AC068138.1	ITGA3	-0.616499588	2.61E-47
AC068138.1	RSPO4	-0.50442259	1.03E-29
AC068138.1	ADAMTS9	-0.165162541	0.000511684
AC068138.1	ABTB2	-0.598243702	5.82E-44
AC068138.1	KCNQ3	-0.605459391	2.93E-45
AC068138.1	ANXA1	-0.496863075	9.51E-29
AC068138.1	S100A11	-0.633912644	1.03E-50
AC068138.1	CEACAM6	-0.525684236	1.47E-32
AC068138.1	IER5L	-0.572219934	1.52E-39
AC068138.1	KRT80	-0.572527733	1.35E-39
AC068138.1	CDH6	-0.488711081	9.82E-28
AC068138.1	UNC5B	-0.375134379	4.07E-16
AC068138.1	PLEKHN1	-0.618826237	9.42E-48
AC068138.1	SYTL1	-0.487300596	1.46E-27
AC068138.1	TMEM163	-0.463054828	1.03E-24
AC068138.1	C4orf48	-0.294311179	3.20E-10
AC068138.1	B3GNT7	-0.343439449	1.34E-13
AC068138.1	BAIAP3	-0.544365115	3.11E-35
AC068138.1	PHLDA2	-0.543243706	4.55E-35
AC068138.1	GAP43	-0.485154832	2.67E-27
AC068138.1	S100A1	-0.57472346	5.94E-40
AC068138.1	PTPRE	-0.586412021	6.64E-42
AC068138.1	CCND1	-0.442544491	1.77E-22
AC068138.1	ST6GALNAC5	-0.614277913	6.85E-47
AC068138.1	KRT17	-0.290259154	5.71E-10
AC068138.1	HPCAL4	-0.353951282	2.11E-14
AC068138.1	GABBR2	-0.217133058	4.40E-06
AC068138.1	DIRAS3	-0.330149198	1.27E-12
AC068138.1	SERINC2	-0.535335824	6.39E-34
AC068138.1	PTCHD4	-0.31989254	6.67E-12
AC068138.1	EPS8	-0.400008653	2.68E-18
AC068138.1	LY6E	-0.597221299	8.83E-44
AC068138.1	UPP1	-0.637729352	1.72E-51
AC068138.1	AHNAK2	-0.55971762	1.47E-37

AC068138.1	PLXNC1	-0.318704606	8.05E-12
AC068138.1	TNC	-0.441408897	2.33E-22
AC068138.1	DUSP4	-0.433709383	1.47E-21
AC068138.1	NRCAM	-0.423085352	1.72E-20
AC068138.1	NRP2	-0.395499184	6.88E-18
AC068138.1	CTSC	-0.528639139	5.68E-33
AC068138.1	AMIGO2	-0.345198584	9.91E-14
AC068138.1	NAB2	-0.48942526	8.02E-28
AC068138.1	TBC1D2	-0.65000571	4.62E-54
AC068138.1	PHLDA3	-0.560136624	1.26E-37
AC068138.1	PTP4A3	-0.452576328	1.49E-23
AC068138.1	CRABP2	-0.303276783	8.60E-11
AC068138.1	GOS2	-0.376063166	3.40E-16
AC068138.1	S100A6	-0.704409824	4.76E-67
AC068138.1	FOXQ1	-0.471880149	1.00E-25
AC068138.1	LRG1	-0.517379936	2.00E-31
AC068138.1	LAMP5	-0.338427715	3.18E-13
AC068138.1	ALDH3B1	-0.655406802	3.13E-55
AC068138.1	CDH2	-0.151220097	0.001484627
AC068138.1	SCG5	-0.20979581	9.31E-06
AC068138.1	ZCCHC16	-0.287887036	7.98E-10
AC068138.1	GRB7	-0.682341628	1.94E-61
AC068138.1	TIAM1	-0.318894817	7.81E-12
AC068138.1	FXYD5	-0.401934595	1.79E-18
AC068138.1	CLDN9	-0.467817911	2.95E-25
AC068138.1	FAM43A	-0.613236777	1.07E-46
AC068138.1	CHST2	-0.523713645	2.74E-32
AC068138.1	HMGA2	-0.395716204	6.58E-18
AC068138.1	GALNT7	-0.44493426	9.89E-23
AC068138.1	CBLN1	-0.416231789	8.02E-20
AC068138.1	STRA6	-0.556627998	4.42E-37
AC068138.1	MUC21	-0.609267564	5.87E-46
AC068138.1	PRR36	-0.532634994	1.55E-33
AC068138.1	NFE2L3	-0.468316489	2.59E-25
AC068138.1	NR1D1	-0.435130081	1.05E-21
AC068138.1	MUC1	-0.58752563	4.29E-42
AC068138.1	NAT8L	-0.238367644	4.35E-07
AC068138.1	APOC1	-0.296546623	2.32E-10
AC068138.1	EVA1A	-0.660434565	2.43E-56
AC068138.1	ENTPD1	-0.354695531	1.84E-14
AC068138.1	COL1A1	-0.355322476	1.65E-14
AC068138.1	FNDC4	-0.426012847	8.79E-21
AC068138.1	FRMD3	-0.068243723	0.153449467
AC068138.1	SHROOM4	-0.413317201	1.53E-19
AC068138.1	NELL2	-0.347544665	6.58E-14
AC068138.1	EPHB3	-0.660243786	2.68E-56
AC068138.1	TMC6	-0.643536115	1.08E-52
AC068138.1	NOD1	-0.482602193	5.42E-27
AC068138.1	GGCT	-0.619640557	6.58E-48
AC068138.1	ICAM1	-0.464716233	6.66E-25
AC068138.1	PRSS23	-0.476718267	2.72E-26

AC068138.1	CFI	-0.452764553	1.42E-23
AC068138.1	CD55	-0.613186706	1.10E-46
AC068138.1	RASD2	-0.545780991	1.92E-35
AC068138.1	KLK11	-0.382961812	8.77E-17
AC068138.1	ICAM5	-0.50223977	1.97E-29
AC068138.1	ADORA1	-0.476586211	2.82E-26
AC068138.1	ITGA2	-0.456119279	6.09E-24
AC068138.1	ABCC3	-0.465083748	6.05E-25
AC068138.1	MFGE8	-0.504772375	9.28E-30
AC068138.1	STK32A	-0.220793881	3.00E-06
AC068138.1	CYSLTR2	-0.368541097	1.43E-15
AC068138.1	LAD1	-0.715530021	4.46E-70
AC068138.1	MGAT3	-0.576634651	2.88E-40
AC068138.1	IGFBP6	-0.445204329	9.26E-23
AC068138.1	CYP2S1	-0.568397552	6.28E-39
AC068138.1	KCNJ2	-0.364984529	2.80E-15
AC068138.1	FAM20A	-0.451027971	2.19E-23
AC068138.1	TGFA	-0.449765711	3.01E-23
AC068138.1	MXRA8	-0.610317367	3.76E-46
AC068138.1	C8orf4	-0.374140628	4.93E-16
AC068138.1	CLDN10	-0.501833143	2.22E-29
AC068138.1	PDE5A	-0.547778138	9.69E-36
AC068138.1	APOE	-0.27179561	7.13E-09
AC068138.1	SPOCK2	-0.580168666	7.49E-41
AC068138.1	TENM1	-0.178636337	0.000168236
AC068138.1	SLIT1	-0.166761678	0.000450332
AC068138.1	CXCL14	-0.25089322	9.97E-08
AC068138.1	ECM1	-0.110755448	0.020280734
AC068138.1	DUSP5	-0.645289009	4.64E-53
AC068138.1	SEZ6L2	-0.439439551	3.75E-22
AC068138.1	THRSP	-0.23577121	5.84E-07
AC068138.1	C19orf33	-0.658882804	5.38E-56
AC068138.1	MPZL2	-0.566096293	1.46E-38
AC068138.1	CTSH	-0.583554739	2.03E-41
AC068138.1	CYP1B1	-0.53739056	3.24E-34
AC068138.1	ALOX5	-0.460929454	1.78E-24
AC068138.1	SYTL5	-0.544435489	3.04E-35
AC068138.1	TNFRSF12A	-0.576131251	3.49E-40
AC068138.1	DUSP6	-0.491324252	4.68E-28
AC068138.1	ALOX15B	-0.518224468	1.54E-31
AC068138.1	SDC4	-0.635748516	4.36E-51
AC068138.1	MDK	-0.468676628	2.35E-25
AC068138.1	KRT19	-0.659449182	4.03E-56
AC068138.1	MET	-0.61982481	6.07E-48
AC068138.1	TESC	-0.375365157	3.89E-16
AC068138.1	CXCL17	-0.568772037	5.47E-39
AC068138.1	NPC2	-0.504994784	8.69E-30
AC068138.1	COMP	-0.432416627	1.99E-21
AC068138.1	TUSC3	-0.436521276	7.53E-22
AC068138.1	TMPRSS4	-0.668330389	3.96E-58
AC068138.1	LGALS3	-0.703524867	8.17E-67

AC068138.1	CRLF1	-0.4850765	2.73E-27
AC068138.1	CTXN1	-0.597827535	6.89E-44
AC068138.1	PCSK1N	-0.273929069	5.38E-09
AC068138.1	NMU	-0.540967063	9.81E-35
AC068138.1	GALE	-0.677146775	3.44E-60
AC068138.1	PCSK2	-0.081560073	0.087850739
AC068138.1	GJB3	-0.580999865	5.44E-41
AC068138.1	SLPI	-0.548406644	7.80E-36
AC068138.1	AGR2	-0.342413925	1.61E-13
AC068138.1	MRC2	-0.42768716	5.97E-21
AC068138.1	GOLT1A	-0.511374451	1.27E-30
AC068138.1	SLC27A6	-0.501773267	2.26E-29
AC068138.1	KCNN4	-0.59553039	1.75E-43
AC068138.1	ETV4	-0.513176086	7.33E-31
AC068138.1	SYT12	-0.664952969	2.34E-57
AC068138.1	PVRL4	-0.653555611	7.93E-55
AC068138.1	PLCD3	-0.658256993	7.40E-56
AC068138.1	PLAU	-0.429427289	3.99E-21
AC068138.1	LRRK2	-0.199617875	2.52E-05
AC068138.1	SFN	-0.560287119	1.20E-37
AC068138.1	LPAR5	-0.571773696	1.79E-39
AC068138.1	NGEF	-0.629893668	6.56E-50
AC068138.1	DTX4	-0.513437413	6.77E-31
AC068138.1	CST6	-0.60150396	1.52E-44
AC068138.1	QPCT	-0.469800449	1.75E-25
AC068138.1	TIMP1	-0.557856216	2.86E-37
AC068138.1	CAMK2N1	-0.554259081	1.02E-36
AC068138.1	KLHDC8A	-0.128288361	0.007115165
AC068138.1	PDLIM4	-0.667084442	7.65E-58
AC068138.1	SCEL	-0.49185361	4.02E-28
AC068138.1	LCN2	-0.604587482	4.22E-45
AC068138.1	PROS1	-0.613661454	8.94E-47
AC068138.1	GABRB2	-0.542445272	5.96E-35
AC068138.1	TMPRSS6	-0.639427636	7.72E-52
AC068138.1	KLK7	-0.494827194	1.71E-28
AC068138.1	PDZK1IP1	-0.489721003	7.38E-28
AC068138.1	CDH3	-0.459384785	2.65E-24
AC068138.1	LRP4	-0.269034213	1.02E-08
AC068138.1	IGSF1	-0.294040401	3.33E-10
AC068138.1	B3GNT3	-0.659324219	4.29E-56
AC068138.1	CLDN1	-0.526365256	1.18E-32
AC068138.1	GDF15	-0.617957024	1.38E-47
AC068138.1	ARHGAP36	-0.210563792	8.62E-06
AC068138.1	LAMB3	-0.591945312	7.42E-43
AC068138.1	KLK10	-0.512821532	8.17E-31
AC068138.1	DPP4	-0.494065082	2.13E-28
AC068138.1	METTL7B	-0.527548793	8.06E-33
AC068138.1	LIPH	-0.616471929	2.64E-47
AC068138.1	CLDN16	-0.514044075	5.62E-31
AC068138.1	CHI3L1	-0.466990683	3.67E-25
AC068138.1	SLC22A31	-0.575734791	4.06E-40

AC068138.1	TACSTD2	-0.652851929	1.13E-54
AC068138.1	SFTPB	-0.467931243	2.86E-25
AC068138.1	RXRG	-0.363596596	3.62E-15
AC068138.1	DCSTAMP	-0.617251979	1.88E-47
AC068138.1	CITED1	-0.421599406	2.40E-20
AC068138.1	SERPINA1	-0.62404648	9.27E-49
AC068138.1	PRR15	-0.398222	3.90E-18
AC068138.1	SLC34A2	-0.628806159	1.08E-49
AC068138.1	FN1	-0.651374777	2.35E-54
AC068138.1	ZCCHC12	-0.24839863	1.35E-07
LA16c-329F2.1	TFF3	0.767555753	1.94E-86
LA16c-329F2.1	CCL21	0.465337434	5.66E-25
LA16c-329F2.1	TPO	0.720460944	1.82E-71
LA16c-329F2.1	MT1G	0.681449894	3.19E-61
LA16c-329F2.1	DI01	0.651384833	2.34E-54
LA16c-329F2.1	DPT	0.406917571	6.16E-19
LA16c-329F2.1	CDH16	0.710757116	9.25E-69
LA16c-329F2.1	CRABP1	0.693875371	2.62E-64
LA16c-329F2.1	SLC26A7	0.713354732	1.79E-69
LA16c-329F2.1	MT1H	0.643957166	8.84E-53
LA16c-329F2.1	SLC26A4	0.756340501	1.45E-82
LA16c-329F2.1	SLC5A8	0.715570383	4.34E-70
LA16c-329F2.1	PKHD1L1	0.613595577	9.20E-47
LA16c-329F2.1	TFCP2L1	0.649979363	4.69E-54
LA16c-329F2.1	WSCD2	0.732348533	6.05E-75
LA16c-329F2.1	IPCEF1	0.676937468	3.85E-60
LA16c-329F2.1	SLC5A5	0.585561992	9.27E-42
LA16c-329F2.1	MT1F	0.701470574	2.85E-66
LA16c-329F2.1	FOSB	0.392317926	1.33E-17
LA16c-329F2.1	SEMA3D	0.604256217	4.85E-45
LA16c-329F2.1	BMP8A	0.632929616	1.62E-50
LA16c-329F2.1	MATN2	0.717517102	1.24E-70
LA16c-329F2.1	PLA2R1	0.583996732	1.71E-41
LA16c-329F2.1	COL23A1	0.756253838	1.55E-82
LA16c-329F2.1	HGD	0.785879344	2.91E-93
LA16c-329F2.1	TCEAL2	0.587436155	4.44E-42
LA16c-329F2.1	CHRD1	0.365675423	2.46E-15
LA16c-329F2.1	TNFRSF11B	0.523843632	2.63E-32
LA16c-329F2.1	FAM167A	0.71178161	4.85E-69
LA16c-329F2.1	KIT	0.642666918	1.64E-52
LA16c-329F2.1	SLC4A4	0.721165027	1.14E-71
LA16c-329F2.1	SMOC2	0.512074221	1.03E-30
LA16c-329F2.1	FHL1	0.702314508	1.71E-66
LA16c-329F2.1	OTOS	0.768985619	5.99E-87
LA16c-329F2.1	IGFBPL1	0.692809776	4.89E-64
LA16c-329F2.1	HBB	0.367167685	1.86E-15
LA16c-329F2.1	BEX1	0.595631114	1.68E-43
LA16c-329F2.1	FABP4	0.646115794	3.11E-53
LA16c-329F2.1	LMOD1	0.693232496	3.82E-64
LA16c-329F2.1	SOD3	0.679614655	8.83E-61
LA16c-329F2.1	TMEM171	0.627741617	1.75E-49

LA16c-329F2.1	PI16	0.449698098	3.06E-23
LA16c-329F2.1	ZMAT4	0.755484352	2.81E-82
LA16c-329F2.1	MFAP4	0.349411019	4.73E-14
LA16c-329F2.1	CWH43	0.614861141	5.32E-47
LA16c-329F2.1	SPX	0.765204934	1.31E-85
LA16c-329F2.1	APOD	0.224726998	1.97E-06
LA16c-329F2.1	DPP6	0.701213422	3.32E-66
LA16c-329F2.1	MMRN1	0.489994766	6.83E-28
LA16c-329F2.1	WDR72	0.607041251	1.51E-45
LA16c-329F2.1	MPPED2	0.788221936	3.49E-94
LA16c-329F2.1	PAPSS2	0.513738119	6.17E-31
LA16c-329F2.1	DCN	0.189198773	6.64E-05
LA16c-329F2.1	SORBS2	0.671392322	7.76E-59
LA16c-329F2.1	EGR2	0.396154212	6.01E-18
LA16c-329F2.1	EDN3	0.661182304	1.65E-56
LA16c-329F2.1	DIO2	0.687181415	1.26E-62
LA16c-329F2.1	ITPR1	0.687744511	9.12E-63
LA16c-329F2.1	CFD	0.405453661	8.44E-19
LA16c-329F2.1	CPXM1	0.492290694	3.55E-28
LA16c-329F2.1	ELMO1	0.724456939	1.29E-72
LA16c-329F2.1	GPC3	0.548650008	7.18E-36
LA16c-329F2.1	MYOC	0.378790343	2.00E-16
LA16c-329F2.1	DEPTOR	0.622800558	1.62E-48
LA16c-329F2.1	DGKI	0.550578343	3.68E-36
LA16c-329F2.1	CARTPT	0.664697131	2.68E-57
LA16c-329F2.1	IYD	0.524806711	1.94E-32
LA16c-329F2.1	LYVE1	0.431971644	2.20E-21
LA16c-329F2.1	CLCNKB	0.784864779	7.23E-93
LA16c-329F2.1	NCAM1	0.483324279	4.44E-27
LA16c-329F2.1	HBA2	0.374068091	5.00E-16
LA16c-329F2.1	GLT8D2	0.58932742	2.10E-42
LA16c-329F2.1	OGDHL	0.615606122	3.85E-47
LA16c-329F2.1	LIFR	0.631576626	3.03E-50
LA16c-329F2.1	CSGALNACT1	0.424274394	1.31E-20
LA16c-329F2.1	RAP1GAP	0.627767006	1.73E-49
LA16c-329F2.1	COL9A3	0.687569625	1.01E-62
LA16c-329F2.1	FBLN1	0.216174892	4.86E-06
LA16c-329F2.1	EFEMP1	0.364995014	2.79E-15
LA16c-329F2.1	AOX1	0.590171091	1.51E-42
LA16c-329F2.1	GRIN2C	0.6980103	2.27E-65
LA16c-329F2.1	C11orf74	0.806577299	7.93E-102
LA16c-329F2.1	PPARGC1A	0.63199987	2.49E-50
LA16c-329F2.1	ANGPTL1	0.661157453	1.68E-56
LA16c-329F2.1	SCARA5	0.353057737	2.48E-14
LA16c-329F2.1	LTF	0.634423309	8.10E-51
LA16c-329F2.1	CA4	0.721422789	9.65E-72
LA16c-329F2.1	TG	0.664890338	2.42E-57
LA16c-329F2.1	FCGBP	0.671875279	5.99E-59
LA16c-329F2.1	PBX4	0.77427645	7.24E-89
LA16c-329F2.1	CYR61	0.422616169	1.91E-20
LA16c-329F2.1	FOS	0.396352075	5.77E-18

LA16c-329F2.1	KHDRBS2	0.654622421	4.65E-55
LA16c-329F2.1	MUM1L1	0.497024812	9.07E-29
LA16c-329F2.1	RGS16	0.653219788	9.38E-55
LA16c-329F2.1	MT1M	0.598618784	4.99E-44
LA16c-329F2.1	LRP2	0.560947107	9.45E-38
LA16c-329F2.1	MAFB	0.540193126	1.27E-34
LA16c-329F2.1	KCNK2	0.517432567	1.97E-31
LA16c-329F2.1	TBC1D4	0.639315434	8.14E-52
LA16c-329F2.1	MIOX	0.807252759	4.00E-102
LA16c-329F2.1	TPPP	0.630579365	4.79E-50
LA16c-329F2.1	FMOD	0.555997254	5.52E-37
LA16c-329F2.1	CITED2	0.392937899	1.17E-17
LA16c-329F2.1	RGS8	0.703087845	1.07E-66
LA16c-329F2.1	ABI3BP	0.403526228	1.27E-18
LA16c-329F2.1	ADH1B	0.425894884	9.03E-21
LA16c-329F2.1	OGN	0.295503212	2.69E-10
LA16c-329F2.1	NR4A1	0.342519265	1.58E-13
LA16c-329F2.1	FOXJ1	0.724542586	1.22E-72
LA16c-329F2.1	ALDH1A1	0.674203971	1.71E-59
LA16c-329F2.1	OCA2	0.539013082	1.89E-34
LA16c-329F2.1	TMEM139	0.430921194	2.82E-21
LA16c-329F2.1	ARHGAP24	0.687382682	1.12E-62
LA16c-329F2.1	SLC25A15	0.528703702	5.56E-33
LA16c-329F2.1	DES	0.310588056	2.85E-11
LA16c-329F2.1	GDF10	0.589014045	2.38E-42
LA16c-329F2.1	KIAA1324	0.643403482	1.15E-52
LA16c-329F2.1	JUN	0.444741295	1.04E-22
LA16c-329F2.1	C7	0.188879638	6.83E-05
LA16c-329F2.1	LGI3	0.762542356	1.11E-84
LA16c-329F2.1	CDON	0.733168896	3.43E-75
LA16c-329F2.1	BCL2	0.601544471	1.50E-44
LA16c-329F2.1	HLF	0.740012992	2.75E-77
LA16c-329F2.1	EGR1	0.426458127	7.93E-21
LA16c-329F2.1	IP6K3	0.571443809	2.03E-39
LA16c-329F2.1	SCUBE3	0.526651594	1.08E-32
LA16c-329F2.1	PKNOX2	0.675079819	1.06E-59
LA16c-329F2.1	SMAD9	0.4283979	5.07E-21
LA16c-329F2.1	IQGAP2	0.578805329	1.26E-40
LA16c-329F2.1	GNA14	0.683782415	8.63E-62
LA16c-329F2.1	LAYN	0.60026396	2.54E-44
LA16c-329F2.1	AVPR1A	0.668235156	4.17E-58
LA16c-329F2.1	PDLIM3	0.507017564	4.74E-30
LA16c-329F2.1	GPM6A	0.633187619	1.44E-50
LA16c-329F2.1	SDPR	0.580275335	7.19E-41
LA16c-329F2.1	CRYAB	0.382728419	9.18E-17
LA16c-329F2.1	FOXA2	0.534565074	8.24E-34
LA16c-329F2.1	C8orf88	0.567636459	8.31E-39
LA16c-329F2.1	ISM1	0.525679296	1.47E-32
LA16c-329F2.1	BMP2	0.312448389	2.14E-11
LA16c-329F2.1	ID4	0.62059257	4.32E-48
LA16c-329F2.1	NUPR1	0.468127926	2.72E-25

LA16c-329F2.1	SERTM1	0.501893568	2.18E-29
LA16c-329F2.1	IRS1	0.659828433	3.32E-56
LA16c-329F2.1	FIBIN	0.243985725	2.27E-07
LA16c-329F2.1	PODN	0.250851523	1.00E-07
LA16c-329F2.1	TDRD9	0.454046134	1.03E-23
LA16c-329F2.1	EPHA3	0.423737963	1.48E-20
LA16c-329F2.1	AIF1L	0.408700894	4.19E-19
LA16c-329F2.1	EBF4	0.695845573	8.22E-65
LA16c-329F2.1	ADM2	0.565478256	1.83E-38
LA16c-329F2.1	GSTM3	0.678437828	1.69E-60
LA16c-329F2.1	HSD17B6	0.455955837	6.35E-24
LA16c-329F2.1	AGR3	0.429874444	3.60E-21
LA16c-329F2.1	EPHB1	0.512637742	8.64E-31
LA16c-329F2.1	TMOD1	0.473526129	6.45E-26
LA16c-329F2.1	WASF3	0.635037041	6.09E-51
LA16c-329F2.1	SELV	0.698351239	1.86E-65
LA16c-329F2.1	ENPP1	0.435017042	1.08E-21
LA16c-329F2.1	SYNE1	0.646294016	2.85E-53
LA16c-329F2.1	PLCH1	0.642518556	1.77E-52
LA16c-329F2.1	CCDC146	0.72043286	1.85E-71
LA16c-329F2.1	SLC16A2	0.701126617	3.50E-66
LA16c-329F2.1	IER2	0.595740329	1.61E-43
LA16c-329F2.1	KCNAB1	0.682207024	2.09E-61
LA16c-329F2.1	SYNDIG1	0.597389618	8.24E-44
LA16c-329F2.1	C16orf89	0.815436484	8.12E-106
LA16c-329F2.1	CTGF	0.235348091	6.12E-07
LA16c-329F2.1	NR4A3	0.180263137	0.000146272
LA16c-329F2.1	KIAA1456	0.62597134	3.90E-49
LA16c-329F2.1	AQP4	0.578445203	1.45E-40
LA16c-329F2.1	RNF150	0.626508054	3.06E-49
LA16c-329F2.1	C1S	0.118834207	0.012717319
LA16c-329F2.1	PFKFB2	0.515414358	3.68E-31
LA16c-329F2.1	PROX1	0.601417384	1.58E-44
LA16c-329F2.1	TCF7L1	0.736308191	3.82E-76
LA16c-329F2.1	HSPB6	0.434202326	1.30E-21
LA16c-329F2.1	FHDC1	0.57224505	1.51E-39
LA16c-329F2.1	PRR15L	0.618047008	1.33E-47
LA16c-329F2.1	SLC1A1	0.477012642	2.51E-26
LA16c-329F2.1	BTBD11	0.798436239	2.44E-98
LA16c-329F2.1	TRIM58	0.460507978	1.98E-24
LA16c-329F2.1	LRIG1	0.585576804	9.21E-42
LA16c-329F2.1	ROR2	0.359790279	7.31E-15
LA16c-329F2.1	GPR125	0.600896698	1.96E-44
LA16c-329F2.1	FLRT1	0.770223011	2.16E-87
LA16c-329F2.1	PGF	0.646506466	2.57E-53
LA16c-329F2.1	DUSP1	0.322623402	4.31E-12
LA16c-329F2.1	PLA2G7	0.441181026	2.46E-22
LA16c-329F2.1	PLSCR4	0.480519013	9.64E-27
LA16c-329F2.1	FAM46B	0.449557395	3.16E-23
LA16c-329F2.1	GLDC	0.502997031	1.57E-29
LA16c-329F2.1	ZBTB16	0.434338206	1.26E-21

LA16c-329F2.1	OMD	0.188291191	7.20E-05
LA16c-329F2.1	HSD11B2	0.759124067	1.66E-83
LA16c-329F2.1	FGL2	0.217487742	4.24E-06
LA16c-329F2.1	CLCNKA	0.827497189	1.31E-111
LA16c-329F2.1	GATM	0.618970088	8.84E-48
LA16c-329F2.1	TNS3	0.405944987	7.59E-19
LA16c-329F2.1	TOB1	0.348349222	5.71E-14
LA16c-329F2.1	MARC2	0.745990176	3.58E-79
LA16c-329F2.1	LRRC2	0.533110884	1.33E-33
LA16c-329F2.1	SORD	0.450143611	2.74E-23
LA16c-329F2.1	RIMS4	0.60123796	1.70E-44
LA16c-329F2.1	SLC29A4	0.674247232	1.67E-59
LA16c-329F2.1	SLC39A14	0.554367964	9.80E-37
LA16c-329F2.1	FAXDC2	0.688423913	6.18E-63
LA16c-329F2.1	HSPB8	0.295725294	2.61E-10
LA16c-329F2.1	CCL19	0.067341257	0.158973446
LA16c-329F2.1	KCNIP3	0.742679967	4.02E-78
LA16c-329F2.1	CGNL1	0.60078649	2.05E-44
LA16c-329F2.1	ATF3	0.094979228	0.046716645
LA16c-329F2.1	SGCD	0.325180737	2.86E-12
LA16c-329F2.1	STARD13	0.520772278	6.94E-32
LA16c-329F2.1	LDHD	0.793343271	3.08E-96
LA16c-329F2.1	RCAN1	0.315861572	1.26E-11
LA16c-329F2.1	ID3	0.443656804	1.35E-22
LA16c-329F2.1	SYTL3	0.731217493	1.32E-74
LA16c-329F2.1	MT1E	0.511585023	1.19E-30
LA16c-329F2.1	CAMK1D	0.606391066	1.98E-45
LA16c-329F2.1	PRKCQ	0.706043564	1.74E-67
LA16c-329F2.1	NUAK2	0.385731408	5.04E-17
LA16c-329F2.1	LIPG	0.60859409	7.82E-46
LA16c-329F2.1	SLC25A25	0.289959874	5.96E-10
LA16c-329F2.1	PRKX	0.237454807	4.82E-07
LA16c-329F2.1	SRPX	0.277120722	3.51E-09
LA16c-329F2.1	FAM189A1	0.721435653	9.57E-72
LA16c-329F2.1	PLEKHH1	0.568145798	6.89E-39
LA16c-329F2.1	WNT11	0.581148205	5.14E-41
LA16c-329F2.1	SNAI1	0.375464909	3.81E-16
LA16c-329F2.1	FDCSP	0.120055879	0.011822809
LA16c-329F2.1	MT1X	0.579955633	8.13E-41
LA16c-329F2.1	ACACB	0.699729657	8.13E-66
LA16c-329F2.1	ARC	0.239826334	3.68E-07
LA16c-329F2.1	KLK4	0.287970577	7.89E-10
LA16c-329F2.1	ZFPM2	0.370003163	1.09E-15
LA16c-329F2.1	AKAP12	0.309006838	3.63E-11
LA16c-329F2.1	GJB6	0.415021668	1.05E-19
LA16c-329F2.1	ERO1LB	0.586186139	7.26E-42
LA16c-329F2.1	DNALI1	0.647004032	2.02E-53
LA16c-329F2.1	HKDC1	0.404288322	1.08E-18
LA16c-329F2.1	ZFP36L2	0.471690323	1.06E-25
LA16c-329F2.1	CAPSL	0.717334171	1.39E-70
LA16c-329F2.1	CYP7B1	0.45558096	6.98E-24

LA16c-329F2.1	CPQ	0.547692796	9.98E-36
LA16c-329F2.1	RPS6KA6	0.635188192	5.67E-51
LA16c-329F2.1	TLE1	0.497415433	8.10E-29
LA16c-329F2.1	TP53INP2	0.6143649	6.60E-47
LA16c-329F2.1	KATNAL2	0.762336833	1.31E-84
LA16c-329F2.1	SGPP2	0.200855423	2.24E-05
LA16c-329F2.1	CTH	0.539588756	1.56E-34
LA16c-329F2.1	KIF12	0.517225767	2.10E-31
LA16c-329F2.1	TMEM220	0.702416631	1.60E-66
LA16c-329F2.1	CENPJ	0.474853162	4.51E-26
LA16c-329F2.1	FAM155B	0.611445171	2.32E-46
LA16c-329F2.1	WFS1	0.603836853	5.78E-45
LA16c-329F2.1	SELENBP1	0.771829182	5.67E-88
LA16c-329F2.1	SNTA1	0.684037014	7.47E-62
LA16c-329F2.1	FRAS1	0.117232434	0.013980293
LA16c-329F2.1	FBLN7	0.598122068	6.11E-44
LA16c-329F2.1	AGPAT9	0.580937718	5.57E-41
LA16c-329F2.1	GPR83	0.592238497	6.60E-43
LA16c-329F2.1	PRTG	0.524256522	2.31E-32
LA16c-329F2.1	EGR3	0.227168451	1.52E-06
LA16c-329F2.1	GRAMD2	0.416336587	7.83E-20
LA16c-329F2.1	HYOU1	0.508201058	3.32E-30
LA16c-329F2.1	FBLN5	0.3590479	8.38E-15
LA16c-329F2.1	ITM2A	0.573153805	1.07E-39
LA16c-329F2.1	SRF	0.482017954	6.37E-27
LA16c-329F2.1	FGFR2	0.447443446	5.34E-23
LA16c-329F2.1	MT1A	0.36781384	1.65E-15
LA16c-329F2.1	MAMDC2	0.280178602	2.32E-09
LA16c-329F2.1	FHL2	0.401896371	1.80E-18
LA16c-329F2.1	FTCDNL1	0.567816592	7.77E-39
LA16c-329F2.1	PKIA	0.498010726	6.81E-29
LA16c-329F2.1	DNAJB4	0.403096176	1.40E-18
LA16c-329F2.1	SLC25A33	0.688472705	6.01E-63
LA16c-329F2.1	EYA2	0.380635178	1.39E-16
LA16c-329F2.1	LPAR1	0.222930907	2.39E-06
LA16c-329F2.1	STX11	0.289878317	6.03E-10
LA16c-329F2.1	ARHGEF28	0.496381861	1.09E-28
LA16c-329F2.1	OR2W3	0.549060538	6.23E-36
LA16c-329F2.1	ALDH1B1	0.503378309	1.41E-29
LA16c-329F2.1	CXCL12	0.316104398	1.21E-11
LA16c-329F2.1	OLFM2	0.557721292	3.00E-37
LA16c-329F2.1	TUB	0.483321301	4.44E-27
LA16c-329F2.1	HTRA3	0.297068498	2.15E-10
LA16c-329F2.1	CKB	0.609994029	4.31E-46
LA16c-329F2.1	RGS2	0.115113236	0.015820081
LA16c-329F2.1	SHANK2	0.632890752	1.65E-50
LA16c-329F2.1	CNTFR	0.618672431	1.01E-47
LA16c-329F2.1	CYTH3	0.619532049	6.90E-48
LA16c-329F2.1	PLAC9	0.551918143	2.31E-36
LA16c-329F2.1	WWOX	0.765477546	1.05E-85
LA16c-329F2.1	NPR3	0.436621936	7.35E-22

LA16c-329F2.1	SDC2	0.376636772	3.04E-16
LA16c-329F2.1	KLF15	0.636099406	3.70E-51
LA16c-329F2.1	TMEM164	0.58614146	7.39E-42
LA16c-329F2.1	LONRF3	0.233653556	7.41E-07
LA16c-329F2.1	GBP1	0.163806272	0.000569711
LA16c-329F2.1	ARHGAP6	0.434037369	1.36E-21
LA16c-329F2.1	TMEM119	0.184968888	9.69E-05
LA16c-329F2.1	SH3RF1	0.432988337	1.74E-21
LA16c-329F2.1	CRELD2	0.68685306	1.52E-62
LA16c-329F2.1	PCP4	0.180519438	0.000143067
LA16c-329F2.1	GCSH	0.795276803	4.99E-97
LA16c-329F2.1	IMPA2	0.542069356	6.77E-35
LA16c-329F2.1	C1R	0.109828788	0.021359193
LA16c-329F2.1	SUCNR1	0.445079578	9.55E-23
LA16c-329F2.1	SFRP1	0.474952591	4.39E-26
LA16c-329F2.1	UGT8	0.541122447	9.31E-35
LA16c-329F2.1	TLE4	0.279612386	2.50E-09
LA16c-329F2.1	ANTXR1	0.33590991	4.86E-13
LA16c-329F2.1	GPX3	0.439212176	3.96E-22
LA16c-329F2.1	DPY19L2	0.64181887	2.47E-52
LA16c-329F2.1	FAM46C	0.526128922	1.27E-32
LA16c-329F2.1	IL33	0.303503828	8.31E-11
LA16c-329F2.1	PEG3	0.580068678	7.78E-41
LA16c-329F2.1	FAHD2A	0.780600144	3.14E-91
LA16c-329F2.1	PTGDS	0.225285413	1.86E-06
LA16c-329F2.1	CHCHD10	0.605982006	2.35E-45
LA16c-329F2.1	CD36	0.62027925	4.96E-48
LA16c-329F2.1	ANKRD37	0.590895719	1.13E-42
LA16c-329F2.1	TSPAN33	0.645991311	3.30E-53
LA16c-329F2.1	PRDM16	0.563639897	3.58E-38
LA16c-329F2.1	UST	0.684424373	6.01E-62
LA16c-329F2.1	NEXN	0.528808237	5.38E-33
LA16c-329F2.1	NUPR1L	0.372563183	6.67E-16
LA16c-329F2.1	SLC24A3	0.542649898	5.56E-35
LA16c-329F2.1	MARC1	0.66468595	2.69E-57
LA16c-329F2.1	MYH11	0.355618831	1.56E-14
LA16c-329F2.1	APOA1	0.713795022	1.35E-69
LA16c-329F2.1	TMEM178B	0.403934295	1.17E-18
LA16c-329F2.1	CAPN6	0.263741356	2.02E-08
LA16c-329F2.1	PPM1L	0.610062536	4.19E-46
LA16c-329F2.1	FZD8	0.661486658	1.41E-56
LA16c-329F2.1	RCAN2	0.670128122	1.53E-58
LA16c-329F2.1	COPZ2	0.66070343	2.12E-56
LA16c-329F2.1	GAS1	0.278920785	2.75E-09
LA16c-329F2.1	DACT1	0.409413629	3.59E-19
LA16c-329F2.1	WBSCR17	0.623728886	1.07E-48
LA16c-329F2.1	NCS1	0.444358759	1.14E-22
LA16c-329F2.1	SPIRE2	0.546869428	1.32E-35
LA16c-329F2.1	C15orf52	0.414379651	1.21E-19
LA16c-329F2.1	SPAG5	0.504073012	1.14E-29
LA16c-329F2.1	ARL4D	0.562794969	4.86E-38

LA16c-329F2.1	FAM189A2	0.551842118	2.37E-36
LA16c-329F2.1	MAP1LC3A	0.748047533	7.81E-80
LA16c-329F2.1	KLF6	0.01161651	0.808232251
LA16c-329F2.1	ADD3	0.438217327	5.02E-22
LA16c-329F2.1	TSPAN7	0.611887562	1.92E-46
LA16c-329F2.1	KLF9	0.41948893	3.87E-20
LA16c-329F2.1	KCNQ1	0.756877783	9.56E-83
LA16c-329F2.1	MAN1A1	0.10398564	0.029373447
LA16c-329F2.1	MLF1	0.379967122	1.58E-16
LA16c-329F2.1	RARB	0.644130825	8.13E-53
LA16c-329F2.1	CDC42EP2	0.620281378	4.96E-48
LA16c-329F2.1	FAM3B	0.293571063	3.56E-10
LA16c-329F2.1	GADD45B	0.284260976	1.32E-09
LA16c-329F2.1	TMEM47	0.52362577	2.82E-32
LA16c-329F2.1	SDF2L1	0.657843839	9.13E-56
LA16c-329F2.1	CCDC85A	0.224022773	2.13E-06
LA16c-329F2.1	CRYBG3	0.038471925	0.421353173
LA16c-329F2.1	FBLN2	0.070801993	0.138580942
LA16c-329F2.1	PEBP4	0.492916056	2.97E-28
LA16c-329F2.1	CDADC1	0.782603602	5.40E-92
LA16c-329F2.1	FAM63A	0.606323835	2.04E-45
LA16c-329F2.1	GLUL	0.342014606	1.72E-13
LA16c-329F2.1	FREM2	0.447638898	5.09E-23
LA16c-329F2.1	ACKR3	0.531501594	2.25E-33
LA16c-329F2.1	DENND6A	0.590991885	1.09E-42
LA16c-329F2.1	CLDN8	0.125477887	0.008489191
LA16c-329F2.1	UTS2R	0.092551862	0.05264653
LA16c-329F2.1	SCNN1B	0.54551814	2.10E-35
LA16c-329F2.1	TTC30A	0.540381487	1.19E-34
LA16c-329F2.1	CORO2B	0.670289817	1.40E-58
LA16c-329F2.1	TC2N	0.219862531	3.31E-06
LA16c-329F2.1	ALDH2	0.746656104	2.19E-79
LA16c-329F2.1	GPR183	0.026851869	0.574725107
LA16c-329F2.1	C4orf47	0.677454325	2.90E-60
LA16c-329F2.1	SLC25A42	0.78242205	6.34E-92
LA16c-329F2.1	LGMN	0.559452705	1.62E-37
LA16c-329F2.1	ACSF2	0.715891925	3.53E-70
LA16c-329F2.1	KIAA1467	0.569624598	3.99E-39
LA16c-329F2.1	PRKG1	0.653370419	8.70E-55
LA16c-329F2.1	GNAI1	0.583453777	2.11E-41
LA16c-329F2.1	ABCC4	0.306488225	5.31E-11
LA16c-329F2.1	PRPS1	0.649136137	7.10E-54
LA16c-329F2.1	TSPAN5	0.345384813	9.60E-14
LA16c-329F2.1	CR2	0.192739354	4.80E-05
LA16c-329F2.1	CCDC170	0.490420989	6.05E-28
LA16c-329F2.1	RRAD	0.078636542	0.099872957
LA16c-329F2.1	SCGB2A1	0.561753597	7.07E-38
LA16c-329F2.1	SESN3	0.284491462	1.28E-09
LA16c-329F2.1	SGK223	0.252886752	7.83E-08
LA16c-329F2.1	NDRG2	0.800135881	4.70E-99
LA16c-329F2.1	C3orf52	0.23374036	7.34E-07

LA16c-329F2.1	FLRT3	-0.43494669	1.09E-21
LA16c-329F2.1	MST1R	-0.649671717	5.45E-54
LA16c-329F2.1	SDC1	-0.431014948	2.76E-21
LA16c-329F2.1	ST8SIA4	-0.632608353	1.88E-50
LA16c-329F2.1	UBTD1	-0.250830815	1.00E-07
LA16c-329F2.1	EPHA2	-0.53197987	1.92E-33
LA16c-329F2.1	TMEM130	-0.25728897	4.56E-08
LA16c-329F2.1	SPINK2	-0.361378861	5.46E-15
LA16c-329F2.1	MMP16	-0.699260174	1.08E-65
LA16c-329F2.1	SIGLEC15	-0.521940454	4.81E-32
LA16c-329F2.1	RIN1	-0.496703833	9.95E-29
LA16c-329F2.1	IL1RN	-0.618484435	1.09E-47
LA16c-329F2.1	FCER1G	-0.267554476	1.24E-08
LA16c-329F2.1	CD276	-0.633570581	1.20E-50
LA16c-329F2.1	CTSB	-0.425251656	1.05E-20
LA16c-329F2.1	FAM171A2	-0.181599533	0.000130273
LA16c-329F2.1	ASPHD1	-0.569784875	3.76E-39
LA16c-329F2.1	C15orf48	-0.393840555	9.70E-18
LA16c-329F2.1	DYSF	-0.168142252	0.000402943
LA16c-329F2.1	PDZRN4	-0.096961694	0.042298883
LA16c-329F2.1	EFHD2	-0.203154755	1.79E-05
LA16c-329F2.1	ASF1B	-0.426661523	7.57E-21
LA16c-329F2.1	AQP1	-0.093614891	0.049976636
LA16c-329F2.1	ARRDC2	-0.432350351	2.02E-21
LA16c-329F2.1	PRSS1	-0.369837118	1.12E-15
LA16c-329F2.1	MAPK13	-0.607202095	1.41E-45
LA16c-329F2.1	CST5	-0.630392998	5.22E-50
LA16c-329F2.1	AHR	-0.672454403	4.39E-59
LA16c-329F2.1	BAX	-0.415775902	8.87E-20
LA16c-329F2.1	C1orf115	-0.261045117	2.85E-08
LA16c-329F2.1	PLK3	-0.492283602	3.56E-28
LA16c-329F2.1	JAG2	-0.251242428	9.56E-08
LA16c-329F2.1	RAD23B	-0.568214873	6.71E-39
LA16c-329F2.1	CA12	0.102672365	0.031493701
LA16c-329F2.1	ADTRP	-0.318576488	8.21E-12
LA16c-329F2.1	UCP2	-0.304724757	6.93E-11
LA16c-329F2.1	IGFBP2	-0.270141597	8.86E-09
LA16c-329F2.1	LOXL2	-0.3094932	3.37E-11
LA16c-329F2.1	GPX1	-0.319612329	6.97E-12
LA16c-329F2.1	P3H3	-0.417496961	6.05E-20
LA16c-329F2.1	C2orf81	-0.277944374	3.14E-09
LA16c-329F2.1	CDT1	-0.444017497	1.24E-22
LA16c-329F2.1	SNX25	-0.345509914	9.39E-14
LA16c-329F2.1	MTHFD1L	-0.697726483	2.69E-65
LA16c-329F2.1	CDC42BPG	-0.693960716	2.49E-64
LA16c-329F2.1	MSN	-0.658418708	6.81E-56
LA16c-329F2.1	SIGLEC6	-0.504089453	1.14E-29
LA16c-329F2.1	F2R	-0.354449521	1.93E-14
LA16c-329F2.1	TMEM184A	-0.612869789	1.26E-46
LA16c-329F2.1	CKS2	-0.339153739	2.81E-13
LA16c-329F2.1	TAX1BP3	-0.523367909	3.06E-32

LA16c-329F2.1	PMEPA1	-0.498990966	5.11E-29
LA16c-329F2.1	CXCL16	-0.674231204	1.68E-59
LA16c-329F2.1	FAXC	-0.720320525	1.99E-71
LA16c-329F2.1	VTCN1	-0.638143229	1.42E-51
LA16c-329F2.1	SH2D4A	-0.576935199	2.57E-40
LA16c-329F2.1	RNF24	-0.547362598	1.12E-35
LA16c-329F2.1	LY6G6C	-0.570296544	3.11E-39
LA16c-329F2.1	NID1	-0.504623485	9.71E-30
LA16c-329F2.1	STAC	-0.726938106	2.44E-73
LA16c-329F2.1	RAB34	-0.432262127	2.06E-21
LA16c-329F2.1	HES4	-0.252450601	8.26E-08
LA16c-329F2.1	EPHA10	-0.624642037	7.10E-49
LA16c-329F2.1	ENTPD2	-0.412340876	1.89E-19
LA16c-329F2.1	DDB2	-0.517345195	2.03E-31
LA16c-329F2.1	NKAIN4	-0.339363234	2.71E-13
LA16c-329F2.1	TRIM29	-0.568600388	5.82E-39
LA16c-329F2.1	ADCY8	-0.567557078	8.55E-39
LA16c-329F2.1	SFTA2	-0.422764531	1.85E-20
LA16c-329F2.1	NRIP1	-0.632014621	2.47E-50
LA16c-329F2.1	VWA1	-0.022370364	0.640189886
LA16c-329F2.1	APLNR	-0.123858951	0.009383841
LA16c-329F2.1	REN	-0.405987259	7.52E-19
LA16c-329F2.1	EDIL3	-0.240193552	3.52E-07
LA16c-329F2.1	AGRN	-0.536298971	4.65E-34
LA16c-329F2.1	TREM1	-0.502881434	1.63E-29
LA16c-329F2.1	SRL	-0.440567862	2.86E-22
LA16c-329F2.1	RASGRF1	-0.544372091	3.10E-35
LA16c-329F2.1	RMI2	-0.416848905	6.99E-20
LA16c-329F2.1	SAMD1	-0.395194112	7.33E-18
LA16c-329F2.1	MGAT4B	-0.653853377	6.83E-55
LA16c-329F2.1	NXN	-0.657651649	1.01E-55
LA16c-329F2.1	SH3BGRL3	-0.416942517	6.84E-20
LA16c-329F2.1	CA11	-0.142232044	0.002819193
LA16c-329F2.1	PLD3	-0.22980564	1.14E-06
LA16c-329F2.1	LURAP1L	-0.574473037	6.53E-40
LA16c-329F2.1	CARNS1	-0.244717466	2.08E-07
LA16c-329F2.1	PDLIM7	-0.35918917	8.16E-15
LA16c-329F2.1	BCL2L1	-0.668414864	3.79E-58
LA16c-329F2.1	GGT6	-0.276545712	3.79E-09
LA16c-329F2.1	DPYSL3	-0.47233767	8.88E-26
LA16c-329F2.1	FYN	-0.553389993	1.38E-36
LA16c-329F2.1	TK1	-0.349809867	4.41E-14
LA16c-329F2.1	AK1	-0.1290061	0.006797817
LA16c-329F2.1	HIGD1B	0.069245182	0.147491182
LA16c-329F2.1	TMEM59L	-0.447826266	4.86E-23
LA16c-329F2.1	MEGF9	-0.565236848	2.00E-38
LA16c-329F2.1	ZFP36L1	-0.594619244	2.54E-43
LA16c-329F2.1	ADRA1B	-0.335756584	4.99E-13
LA16c-329F2.1	EPHA4	-0.660227139	2.70E-56
LA16c-329F2.1	TCERG1L	-0.233318393	7.69E-07
LA16c-329F2.1	NGFR	-0.168444792	0.000393198

LA16c-329F2.1	EBI3	-0.516280986	2.82E-31
LA16c-329F2.1	S100A10	-0.55544352	6.71E-37
LA16c-329F2.1	S100B	-0.371388492	8.35E-16
LA16c-329F2.1	CD44	-0.224545871	2.01E-06
LA16c-329F2.1	BHLHE41	-0.474198581	5.38E-26
LA16c-329F2.1	FBX02	-0.25736301	4.52E-08
LA16c-329F2.1	SLC30A2	-0.517845456	1.73E-31
LA16c-329F2.1	FRMD5	-0.605698331	2.65E-45
LA16c-329F2.1	SAMD11	-0.301982182	1.04E-10
LA16c-329F2.1	SIPA1L2	-0.535543543	5.97E-34
LA16c-329F2.1	S100A16	-0.57045676	2.93E-39
LA16c-329F2.1	PPL	-0.756681337	1.11E-82
LA16c-329F2.1	ARHGDIB	-0.170527395	0.000331846
LA16c-329F2.1	CDC42EP3	-0.675720784	7.49E-60
LA16c-329F2.1	RUNX2	-0.450166163	2.72E-23
LA16c-329F2.1	LAMC2	-0.705919172	1.88E-67
LA16c-329F2.1	BRINP1	-0.468685774	2.35E-25
LA16c-329F2.1	GPRC5B	-0.528997023	5.06E-33
LA16c-329F2.1	AQP5	-0.131463014	0.005805229
LA16c-329F2.1	PLAG1	-0.431556343	2.43E-21
LA16c-329F2.1	PTPRU	-0.699392509	9.95E-66
LA16c-329F2.1	ANGPTL4	-0.441909788	2.07E-22
LA16c-329F2.1	PALM3	-0.319452194	7.15E-12
LA16c-329F2.1	ACP5	-0.366245598	2.21E-15
LA16c-329F2.1	DLG4	-0.275592563	4.31E-09
LA16c-329F2.1	ETNK2	-0.416265384	7.96E-20
LA16c-329F2.1	CD109	-0.639857822	6.29E-52
LA16c-329F2.1	SNX22	-0.299636895	1.47E-10
LA16c-329F2.1	TMEM98	-0.543413127	4.30E-35
LA16c-329F2.1	CTHRC1	-0.429270202	4.14E-21
LA16c-329F2.1	S100A2	-0.508897765	2.69E-30
LA16c-329F2.1	C11orf80	-0.582354109	3.23E-41
LA16c-329F2.1	SREBF1	-0.514863744	4.36E-31
LA16c-329F2.1	PRSS22	-0.625074642	5.84E-49
LA16c-329F2.1	CMTM3	-0.480789497	8.95E-27
LA16c-329F2.1	RDH5	-0.41770064	5.78E-20
LA16c-329F2.1	MYH10	-0.620034722	5.53E-48
LA16c-329F2.1	EVPL	-0.58934827	2.09E-42
LA16c-329F2.1	SCD	-0.570455484	2.93E-39
LA16c-329F2.1	CD151	-0.423126075	1.70E-20
LA16c-329F2.1	S100A4	-0.458614586	3.23E-24
LA16c-329F2.1	BNIP1	-0.29822873	1.81E-10
LA16c-329F2.1	MAP3K6	-0.55047622	3.82E-36
LA16c-329F2.1	MANEAL	-0.449802491	2.98E-23
LA16c-329F2.1	CD207	-0.384715271	6.18E-17
LA16c-329F2.1	CD1A	-0.41952557	3.84E-20
LA16c-329F2.1	C3	-0.455592733	6.96E-24
LA16c-329F2.1	NT5E	-0.576403733	3.15E-40
LA16c-329F2.1	CACNG4	-0.632581144	1.90E-50
LA16c-329F2.1	FHOD1	-0.431195082	2.64E-21
LA16c-329F2.1	LEMD1	-0.550491255	3.80E-36

LA16c-329F2.1	ATP11A	-0.406690911	6.47E-19
LA16c-329F2.1	PPAP2C	-0.370355488	1.02E-15
LA16c-329F2.1	DRAM1	-0.695006461	1.35E-64
LA16c-329F2.1	CDA	-0.174561544	0.000237571
LA16c-329F2.1	CCND2	-0.345438286	9.51E-14
LA16c-329F2.1	LCN6	-0.163484803	0.000584333
LA16c-329F2.1	CDH4	-0.508129855	3.40E-30
LA16c-329F2.1	MMP11	-0.508734793	2.83E-30
LA16c-329F2.1	B3GAT1	-0.490282839	6.29E-28
LA16c-329F2.1	SPP1	-0.326751306	2.21E-12
LA16c-329F2.1	HLA-DQB1	-0.334480186	6.18E-13
LA16c-329F2.1	SDC3	-0.572644749	1.30E-39
LA16c-329F2.1	CX3CL1	-0.480817156	8.88E-27
LA16c-329F2.1	SDK1	-0.469930117	1.69E-25
LA16c-329F2.1	DOCK9	-0.651167963	2.60E-54
LA16c-329F2.1	CSF2	-0.545607466	2.04E-35
LA16c-329F2.1	GRHL3	-0.698171286	2.07E-65
LA16c-329F2.1	TMEM92	-0.620803858	3.93E-48
LA16c-329F2.1	BASP1	-0.563240056	4.13E-38
LA16c-329F2.1	HRH1	-0.692218356	6.90E-64
LA16c-329F2.1	ESM1	-0.104065211	0.029249011
LA16c-329F2.1	B4GALNT3	-0.573910934	8.07E-40
LA16c-329F2.1	LMO3	-0.325574053	2.68E-12
LA16c-329F2.1	C9orf16	-0.447487841	5.28E-23
LA16c-329F2.1	SEMA3F	-0.279315378	2.61E-09
LA16c-329F2.1	PLA2G12B	-0.213226816	6.58E-06
LA16c-329F2.1	KLK6	-0.489181678	8.59E-28
LA16c-329F2.1	ST3GAL5	-0.382985855	8.73E-17
LA16c-329F2.1	FAM132B	-0.217438666	4.27E-06
LA16c-329F2.1	CDKN1A	-0.441690224	2.18E-22
LA16c-329F2.1	E2F1	-0.448321989	4.30E-23
LA16c-329F2.1	B3GNT8	-0.381500955	1.17E-16
LA16c-329F2.1	MTMR11	-0.640555238	4.51E-52
LA16c-329F2.1	MYO1G	-0.552655415	1.79E-36
LA16c-329F2.1	TMSB10	-0.428591367	4.85E-21
LA16c-329F2.1	UNC5CL	-0.634015809	9.79E-51
LA16c-329F2.1	ABR	-0.636519103	3.04E-51
LA16c-329F2.1	PLP2	-0.52123013	6.01E-32
LA16c-329F2.1	SRCIN1	-0.447755347	4.95E-23
LA16c-329F2.1	PDE9A	-0.595841885	1.55E-43
LA16c-329F2.1	TREM2	-0.261576158	2.66E-08
LA16c-329F2.1	KDELR3	-0.45867742	3.17E-24
LA16c-329F2.1	PC	-0.461540273	1.52E-24
LA16c-329F2.1	C2CD4A	-0.619743671	6.29E-48
LA16c-329F2.1	PELI1	-0.644588252	6.52E-53
LA16c-329F2.1	SSX1	-0.372260652	7.07E-16
LA16c-329F2.1	MROH6	-0.556972814	3.91E-37
LA16c-329F2.1	ESPN	-0.41230414	1.91E-19
LA16c-329F2.1	BMP1	-0.416384811	7.75E-20
LA16c-329F2.1	TM4SF4	-0.534848776	7.51E-34
LA16c-329F2.1	CORO2A	-0.617522634	1.67E-47

LA16c-329F2.1	CD164L2	-0.376632034	3.04E-16
LA16c-329F2.1	CTSS	-0.504929145	8.86E-30
LA16c-329F2.1	CLU	-0.445218295	9.23E-23
LA16c-329F2.1	TMSB4X	-0.484158285	3.52E-27
LA16c-329F2.1	WNT10A	-0.523395302	3.04E-32
LA16c-329F2.1	NAPSA	-0.448602544	4.01E-23
LA16c-329F2.1	PLEKHA4	-0.451465113	1.97E-23
LA16c-329F2.1	SFTPA1	-0.129968015	0.006392399
LA16c-329F2.1	C1orf116	-0.602451665	1.03E-44
LA16c-329F2.1	TM4SF1	-0.538696313	2.10E-34
LA16c-329F2.1	SEL1L3	-0.620301802	4.91E-48
LA16c-329F2.1	VASN	-0.545122129	2.40E-35
LA16c-329F2.1	NPTXR	-0.640186602	5.38E-52
LA16c-329F2.1	PDE4C	-0.612680293	1.36E-46
LA16c-329F2.1	CDC42EP1	-0.573856752	8.23E-40
LA16c-329F2.1	ENDOD1	-0.687173755	1.26E-62
LA16c-329F2.1	RYR1	-0.542723937	5.43E-35
LA16c-329F2.1	IL1RAP	-0.701708577	2.46E-66
LA16c-329F2.1	SLC35F2	-0.679211435	1.10E-60
LA16c-329F2.1	ISYNA1	-0.284419692	1.29E-09
LA16c-329F2.1	HLA-G	-0.552945048	1.61E-36
LA16c-329F2.1	CDKN2B	-0.645304675	4.61E-53
LA16c-329F2.1	ALDH1A3	-0.636198976	3.53E-51
LA16c-329F2.1	CLIP3	-0.508790819	2.78E-30
LA16c-329F2.1	ULBP2	-0.558446366	2.31E-37
LA16c-329F2.1	ETHE1	-0.617291155	1.85E-47
LA16c-329F2.1	XPR1	-0.695416088	1.06E-64
LA16c-329F2.1	SPTBN2	-0.722438446	4.93E-72
LA16c-329F2.1	IVL	-0.59563211	1.68E-43
LA16c-329F2.1	MARCO	-0.463149989	1.00E-24
LA16c-329F2.1	PLXND1	-0.342834003	1.49E-13
LA16c-329F2.1	EMILIN2	-0.498367022	6.14E-29
LA16c-329F2.1	PLAUR	-0.583840994	1.81E-41
LA16c-329F2.1	CDC42EP5	-0.509740139	2.09E-30
LA16c-329F2.1	TRPC5	-0.294497879	3.12E-10
LA16c-329F2.1	TMEM100	-0.415374501	9.70E-20
LA16c-329F2.1	QSOX1	-0.684692588	5.16E-62
LA16c-329F2.1	ARHGAP23	-0.622243986	2.07E-48
LA16c-329F2.1	MDFI	-0.410198984	3.02E-19
LA16c-329F2.1	FSTL3	-0.628820719	1.07E-49
LA16c-329F2.1	INF2	-0.447347847	5.47E-23
LA16c-329F2.1	TGFBR1	-0.602648678	9.47E-45
LA16c-329F2.1	TGFBI	-0.33176683	9.71E-13
LA16c-329F2.1	ERBB3	-0.703952592	6.29E-67
LA16c-329F2.1	CCL18	-0.427815373	5.80E-21
LA16c-329F2.1	CCL17	-0.436394869	7.76E-22
LA16c-329F2.1	C16orf45	-0.390955433	1.75E-17
LA16c-329F2.1	PRDM1	-0.376926688	2.87E-16
LA16c-329F2.1	TRIM47	-0.613794996	8.44E-47
LA16c-329F2.1	CNFN	-0.390527367	1.91E-17
LA16c-329F2.1	ARMCX3	-0.365315	2.63E-15

LA16c-329F2.1	RAMP1	-0.284965058	1.20E-09
LA16c-329F2.1	GABRD	-0.023558964	0.62252418
LA16c-329F2.1	COL13A1	-0.202123311	1.98E-05
LA16c-329F2.1	S100A5	-0.384336859	6.67E-17
LA16c-329F2.1	MISP	-0.629454875	8.02E-50
LA16c-329F2.1	HES6	-0.272113425	6.84E-09
LA16c-329F2.1	PSD3	-0.620853267	3.85E-48
LA16c-329F2.1	DOK7	-0.617485614	1.70E-47
LA16c-329F2.1	ZMAT3	-0.695013836	1.34E-64
LA16c-329F2.1	MFAP2	-0.417051732	6.68E-20
LA16c-329F2.1	TMEM79	-0.545407932	2.18E-35
LA16c-329F2.1	SLC1A5	-0.457797317	3.97E-24
LA16c-329F2.1	BBC3	-0.512810784	8.20E-31
LA16c-329F2.1	HLA-DQB2	-0.359476108	7.74E-15
LA16c-329F2.1	C1QL1	-0.394135435	9.13E-18
LA16c-329F2.1	TMEM215	-0.223152643	2.34E-06
LA16c-329F2.1	PNP	-0.476135801	3.19E-26
LA16c-329F2.1	ARNTL	-0.561954297	6.58E-38
LA16c-329F2.1	CLDN2	-0.244371816	2.17E-07
LA16c-329F2.1	MVP	-0.593811903	3.51E-43
LA16c-329F2.1	LGALS1	-0.418465713	4.87E-20
LA16c-329F2.1	BIRC7	-0.461815198	1.42E-24
LA16c-329F2.1	COL8A1	-0.65801135	8.38E-56
LA16c-329F2.1	PERP	-0.750640468	1.12E-80
LA16c-329F2.1	GJA4	-0.257684272	4.34E-08
LA16c-329F2.1	IGFL2	-0.498749239	5.49E-29
LA16c-329F2.1	DAPK2	-0.529558275	4.22E-33
LA16c-329F2.1	MAMLD1	-0.62277602	1.64E-48
LA16c-329F2.1	ETV5	-0.34164753	1.83E-13
LA16c-329F2.1	RUNX1	-0.781371174	1.60E-91
LA16c-329F2.1	LONRF2	-0.372311147	7.00E-16
LA16c-329F2.1	SPOCK1	-0.248397446	1.35E-07
LA16c-329F2.1	XKRX	-0.503955145	1.18E-29
LA16c-329F2.1	TGFB1	-0.311746718	2.38E-11
LA16c-329F2.1	ERP27	-0.314013285	1.68E-11
LA16c-329F2.1	TNFRSF10C	-0.546132298	1.70E-35
LA16c-329F2.1	PALM	-0.556691692	4.32E-37
LA16c-329F2.1	TSC22D1	-0.328168407	1.76E-12
LA16c-329F2.1	TGM2	-0.655855416	2.50E-55
LA16c-329F2.1	UBE2QL1	-0.224282337	2.07E-06
LA16c-329F2.1	ECE1	-0.632015897	2.47E-50
LA16c-329F2.1	COL8A2	-0.642357003	1.91E-52
LA16c-329F2.1	HIST3H2A	-0.482028308	6.36E-27
LA16c-329F2.1	TNFRSF21	-0.681619532	2.90E-61
LA16c-329F2.1	SOX4	-0.697770027	2.62E-65
LA16c-329F2.1	ELF3	-0.730358523	2.38E-74
LA16c-329F2.1	TPD52L1	-0.471485793	1.11E-25
LA16c-329F2.1	INHBB	-0.456521203	5.50E-24
LA16c-329F2.1	HPN	-0.389380041	2.42E-17
LA16c-329F2.1	MMP7	-0.537365382	3.27E-34
LA16c-329F2.1	RAB27A	-0.616767773	2.32E-47

LA16c-329F2.1	IGF2BP2	-0.578655974	1.34E-40
LA16c-329F2.1	ITGB4	-0.65602321	2.30E-55
LA16c-329F2.1	PPP1R1B	-0.463347427	9.51E-25
LA16c-329F2.1	NPDC1	-0.275125491	4.58E-09
LA16c-329F2.1	CCL13	-0.531470507	2.27E-33
LA16c-329F2.1	SPINT1	-0.670248826	1.43E-58
LA16c-329F2.1	HEY2	-0.308822449	3.73E-11
LA16c-329F2.1	CST2	-0.610709057	3.18E-46
LA16c-329F2.1	ADM	-0.335851899	4.91E-13
LA16c-329F2.1	VSTM2L	-0.535275045	6.52E-34
LA16c-329F2.1	FAM84A	-0.619088522	8.39E-48
LA16c-329F2.1	P4HA2	-0.459157682	2.81E-24
LA16c-329F2.1	LPL	-0.447451956	5.33E-23
LA16c-329F2.1	TMEM173	-0.510982496	1.43E-30
LA16c-329F2.1	DHRS3	-0.472023358	9.66E-26
LA16c-329F2.1	SCN1B	-0.504189603	1.10E-29
LA16c-329F2.1	GLT1D1	-0.341154361	1.99E-13
LA16c-329F2.1	PHYHIP	-0.467336614	3.35E-25
LA16c-329F2.1	BHLHE40	-0.658387078	6.92E-56
LA16c-329F2.1	BID	-0.554898295	8.13E-37
LA16c-329F2.1	POSTN	-0.424856921	1.15E-20
LA16c-329F2.1	ITGA3	-0.771038437	1.10E-87
LA16c-329F2.1	RSPO4	-0.569282202	4.53E-39
LA16c-329F2.1	ADAMTS9	-0.206799843	1.25E-05
LA16c-329F2.1	ABTB2	-0.713187647	1.99E-69
LA16c-329F2.1	KCNQ3	-0.81605589	4.20E-106
LA16c-329F2.1	ANXA1	-0.499440876	4.48E-29
LA16c-329F2.1	S100A11	-0.571056308	2.34E-39
LA16c-329F2.1	CEACAM6	-0.661264659	1.59E-56
LA16c-329F2.1	IER5L	-0.5071855	4.51E-30
LA16c-329F2.1	KRT80	-0.714907288	6.64E-70
LA16c-329F2.1	CDH6	-0.660806262	2.01E-56
LA16c-329F2.1	UNC5B	-0.515631795	3.44E-31
LA16c-329F2.1	PLEKHN1	-0.649226772	6.79E-54
LA16c-329F2.1	SYTL1	-0.424205177	1.33E-20
LA16c-329F2.1	TMEM163	-0.594450599	2.71E-43
LA16c-329F2.1	C4orf48	-0.159676525	0.000786156
LA16c-329F2.1	B3GNT7	-0.421257363	2.60E-20
LA16c-329F2.1	BAIAP3	-0.469044198	2.13E-25
LA16c-329F2.1	PHLDA2	-0.462290311	1.25E-24
LA16c-329F2.1	GAP43	-0.538292743	2.40E-34
LA16c-329F2.1	S100A1	-0.457784693	3.99E-24
LA16c-329F2.1	PTPRE	-0.753214965	1.60E-81
LA16c-329F2.1	CCND1	-0.639704353	6.77E-52
LA16c-329F2.1	ST6GALNAC5	-0.737986796	1.17E-76
LA16c-329F2.1	KRT17	-0.32997854	1.31E-12
LA16c-329F2.1	HPCAL4	-0.357301736	1.15E-14
LA16c-329F2.1	GABBR2	-0.260768108	2.95E-08
LA16c-329F2.1	DIRAS3	-0.302169408	1.01E-10
LA16c-329F2.1	SERINC2	-0.479842305	1.16E-26
LA16c-329F2.1	PTCHD4	-0.529896558	3.78E-33

LA16c-329F2.1	EPS8	-0.53507477	6.97E-34
LA16c-329F2.1	LY6E	-0.455933569	6.39E-24
LA16c-329F2.1	UPP1	-0.669409147	2.24E-58
LA16c-329F2.1	AHNAK2	-0.77630473	1.29E-89
LA16c-329F2.1	PLXNC1	-0.440137668	3.17E-22
LA16c-329F2.1	TNC	-0.596436043	1.21E-43
LA16c-329F2.1	DUSP4	-0.514367453	5.08E-31
LA16c-329F2.1	NRCAM	-0.576304304	3.27E-40
LA16c-329F2.1	NRP2	-0.481731442	6.90E-27
LA16c-329F2.1	CTSC	-0.577651195	1.96E-40
LA16c-329F2.1	AMIGO2	-0.468322953	2.58E-25
LA16c-329F2.1	NAB2	-0.433121522	1.68E-21
LA16c-329F2.1	TBC1D2	-0.764009668	3.43E-85
LA16c-329F2.1	PHLDA3	-0.505916336	6.60E-30
LA16c-329F2.1	PTP4A3	-0.417941339	5.47E-20
LA16c-329F2.1	CRABP2	-0.284251614	1.33E-09
LA16c-329F2.1	GOS2	-0.289948385	5.97E-10
LA16c-329F2.1	S100A6	-0.606671196	1.76E-45
LA16c-329F2.1	FOXQ1	-0.637288715	2.12E-51
LA16c-329F2.1	LRG1	-0.550760605	3.46E-36
LA16c-329F2.1	LAMP5	-0.419858134	3.56E-20
LA16c-329F2.1	ALDH3B1	-0.732683386	4.80E-75
LA16c-329F2.1	CDH2	-0.056035125	0.241341789
LA16c-329F2.1	SCG5	-0.193287529	4.57E-05
LA16c-329F2.1	ZCCHC16	-0.238164065	4.45E-07
LA16c-329F2.1	GRB7	-0.631746689	2.80E-50
LA16c-329F2.1	TIAM1	-0.540253975	1.25E-34
LA16c-329F2.1	FXYD5	-0.313610749	1.79E-11
LA16c-329F2.1	CLDN9	-0.47228363	9.01E-26
LA16c-329F2.1	FAM43A	-0.503732744	1.26E-29
LA16c-329F2.1	CHST2	-0.540330709	1.21E-34
LA16c-329F2.1	HMGA2	-0.467232363	3.44E-25
LA16c-329F2.1	GALNT7	-0.571019714	2.38E-39
LA16c-329F2.1	CBLN1	-0.476417491	2.96E-26
LA16c-329F2.1	STRA6	-0.602590383	9.71E-45
LA16c-329F2.1	MUC21	-0.65038147	3.84E-54
LA16c-329F2.1	PRR36	-0.510704919	1.56E-30
LA16c-329F2.1	NFE2L3	-0.602366988	1.06E-44
LA16c-329F2.1	NR1D1	-0.45531232	7.47E-24
LA16c-329F2.1	MUC1	-0.689961434	2.55E-63
LA16c-329F2.1	NAT8L	-0.191968296	5.16E-05
LA16c-329F2.1	APOC1	-0.15393621	0.001214593
LA16c-329F2.1	EVA1A	-0.690417726	1.96E-63
LA16c-329F2.1	ENTPD1	-0.400446647	2.45E-18
LA16c-329F2.1	COL1A1	-0.480418875	9.91E-27
LA16c-329F2.1	FNDC4	-0.497859952	7.11E-29
LA16c-329F2.1	FRMD3	-0.219316314	3.51E-06
LA16c-329F2.1	SHROOM4	-0.604290024	4.78E-45
LA16c-329F2.1	NELL2	-0.319446379	7.16E-12
LA16c-329F2.1	EPHB3	-0.714376956	9.32E-70
LA16c-329F2.1	TMC6	-0.591661643	8.31E-43

LA16c-329F2.1	NOD1	-0.522821975	3.64E-32
LA16c-329F2.1	GGCT	-0.488923891	9.24E-28
LA16c-329F2.1	ICAM1	-0.705656631	2.21E-67
LA16c-329F2.1	PRSS23	-0.574754443	5.87E-40
LA16c-329F2.1	CFI	-0.578003804	1.71E-40
LA16c-329F2.1	CD55	-0.773851788	1.04E-88
LA16c-329F2.1	RASD2	-0.541796176	7.42E-35
LA16c-329F2.1	KLK11	-0.420821273	2.87E-20
LA16c-329F2.1	ICAM5	-0.528816038	5.36E-33
LA16c-329F2.1	ADORA1	-0.446339239	7.01E-23
LA16c-329F2.1	ITGA2	-0.738808081	6.50E-77
LA16c-329F2.1	ABCC3	-0.437206875	6.40E-22
LA16c-329F2.1	MFGE8	-0.563663016	3.55E-38
LA16c-329F2.1	STK32A	-0.451772901	1.82E-23
LA16c-329F2.1	CYSLTR2	-0.456027182	6.24E-24
LA16c-329F2.1	LAD1	-0.623840228	1.02E-48
LA16c-329F2.1	MGAT3	-0.701732122	2.43E-66
LA16c-329F2.1	IGFBP6	-0.375137263	4.06E-16
LA16c-329F2.1	CYP2S1	-0.731250824	1.29E-74
LA16c-329F2.1	KCNJ2	-0.466747561	3.91E-25
LA16c-329F2.1	FAM20A	-0.536544351	4.29E-34
LA16c-329F2.1	TGFA	-0.501166332	2.70E-29
LA16c-329F2.1	MXRA8	-0.552232597	2.07E-36
LA16c-329F2.1	C8orf4	-0.520456547	7.67E-32
LA16c-329F2.1	CLDN10	-0.541182411	9.12E-35
LA16c-329F2.1	PDE5A	-0.621242754	3.24E-48
LA16c-329F2.1	APOE	-0.14703623	0.002009857
LA16c-329F2.1	SPOCK2	-0.67838634	1.74E-60
LA16c-329F2.1	TENM1	-0.219290357	3.52E-06
LA16c-329F2.1	SLIT1	-0.226839813	1.57E-06
LA16c-329F2.1	CXCL14	-0.344321881	1.15E-13
LA16c-329F2.1	ECM1	-0.201122788	2.18E-05
LA16c-329F2.1	DUSP5	-0.685165049	3.95E-62
LA16c-329F2.1	SEZ6L2	-0.550032552	4.45E-36
LA16c-329F2.1	THRSP	-0.176132964	0.000208154
LA16c-329F2.1	C19orf33	-0.607987734	1.01E-45
LA16c-329F2.1	MPZL2	-0.63053809	4.88E-50
LA16c-329F2.1	CTSH	-0.484276578	3.41E-27
LA16c-329F2.1	CYP1B1	-0.551175622	2.99E-36
LA16c-329F2.1	ALOX5	-0.649569026	5.74E-54
LA16c-329F2.1	SYTL5	-0.639508215	7.43E-52
LA16c-329F2.1	TNFRSF12A	-0.504419096	1.03E-29
LA16c-329F2.1	DUSP6	-0.566745008	1.15E-38
LA16c-329F2.1	ALOX15B	-0.643889418	9.14E-53
LA16c-329F2.1	SDC4	-0.561120717	8.88E-38
LA16c-329F2.1	MDK	-0.480679715	9.22E-27
LA16c-329F2.1	KRT19	-0.715646262	4.13E-70
LA16c-329F2.1	MET	-0.757354499	6.60E-83
LA16c-329F2.1	TESC	-0.196591639	3.36E-05
LA16c-329F2.1	CXCL17	-0.59036548	1.39E-42
LA16c-329F2.1	NPC2	-0.311467297	2.49E-11

LA16c-329F2.1	COMP	-0.502025868	2.10E-29
LA16c-329F2.1	TUSC3	-0.518393801	1.46E-31
LA16c-329F2.1	TMPRSS4	-0.755824354	2.16E-82
LA16c-329F2.1	LGALS3	-0.62860243	1.18E-49
LA16c-329F2.1	CRLF1	-0.509794888	2.05E-30
LA16c-329F2.1	CTXN1	-0.518692937	1.33E-31
LA16c-329F2.1	PCSK1N	-0.316712315	1.10E-11
LA16c-329F2.1	NMU	-0.543402849	4.31E-35
LA16c-329F2.1	GALE	-0.502885972	1.63E-29
LA16c-329F2.1	PCSK2	-0.250723869	1.02E-07
LA16c-329F2.1	GJB3	-0.542222682	6.43E-35
LA16c-329F2.1	SLPI	-0.624272692	8.38E-49
LA16c-329F2.1	AGR2	-0.392559902	1.26E-17
LA16c-329F2.1	MRC2	-0.562385767	5.63E-38
LA16c-329F2.1	GOLT1A	-0.380364268	1.47E-16
LA16c-329F2.1	SLC27A6	-0.646129697	3.09E-53
LA16c-329F2.1	KCNN4	-0.630578655	4.79E-50
LA16c-329F2.1	ETV4	-0.418635082	4.69E-20
LA16c-329F2.1	SYT12	-0.556592689	4.47E-37
LA16c-329F2.1	PVRL4	-0.682669415	1.61E-61
LA16c-329F2.1	PLCD3	-0.618331393	1.17E-47
LA16c-329F2.1	PLAU	-0.56924348	4.59E-39
LA16c-329F2.1	LRRK2	-0.28858036	7.24E-10
LA16c-329F2.1	SFN	-0.612875888	1.25E-46
LA16c-329F2.1	LPAR5	-0.574101848	7.51E-40
LA16c-329F2.1	NGEF	-0.683538738	9.89E-62
LA16c-329F2.1	DTX4	-0.616711747	2.38E-47
LA16c-329F2.1	CST6	-0.543299231	4.47E-35
LA16c-329F2.1	QPCT	-0.424484881	1.25E-20
LA16c-329F2.1	TIMP1	-0.452789452	1.41E-23
LA16c-329F2.1	CAMK2N1	-0.535745379	5.59E-34
LA16c-329F2.1	KLHDC8A	-0.282798487	1.62E-09
LA16c-329F2.1	PDLIM4	-0.612893192	1.25E-46
LA16c-329F2.1	SCEL	-0.64615329	3.05E-53
LA16c-329F2.1	LCN2	-0.687543385	1.02E-62
LA16c-329F2.1	PROS1	-0.742871874	3.50E-78
LA16c-329F2.1	GABRB2	-0.661973871	1.10E-56
LA16c-329F2.1	TMPRSS6	-0.681735555	2.72E-61
LA16c-329F2.1	KLK7	-0.528766168	5.45E-33
LA16c-329F2.1	PDZK1IP1	-0.520028197	8.77E-32
LA16c-329F2.1	CDH3	-0.560203168	1.23E-37
LA16c-329F2.1	LRP4	-0.377224264	2.71E-16
LA16c-329F2.1	IGSF1	-0.418360753	4.98E-20
LA16c-329F2.1	B3GNT3	-0.767246405	2.50E-86
LA16c-329F2.1	CLDN1	-0.700270485	5.87E-66
LA16c-329F2.1	GDF15	-0.652126502	1.62E-54
LA16c-329F2.1	ARHGAP36	-0.37138369	8.36E-16
LA16c-329F2.1	LAMB3	-0.649829156	5.05E-54
LA16c-329F2.1	KLK10	-0.552270326	2.04E-36
LA16c-329F2.1	DPP4	-0.659060807	4.91E-56
LA16c-329F2.1	METTL7B	-0.38929196	2.46E-17

LA16c-329F2.1	LIPH	-0.68049873	5.41E-61
LA16c-329F2.1	CLDN16	-0.620646184	4.22E-48
LA16c-329F2.1	CHI3L1	-0.514454825	4.95E-31
LA16c-329F2.1	SLC22A31	-0.491834363	4.04E-28
LA16c-329F2.1	TACSTD2	-0.626869882	2.60E-49
LA16c-329F2.1	SFTPB	-0.605354942	3.06E-45
LA16c-329F2.1	RXRG	-0.280804816	2.13E-09
LA16c-329F2.1	DCSTAMP	-0.630046695	6.12E-50
LA16c-329F2.1	CITED1	-0.323298692	3.87E-12
LA16c-329F2.1	SERPINA1	-0.630597804	4.75E-50
LA16c-329F2.1	PRR15	-0.369862744	1.12E-15
LA16c-329F2.1	SLC34A2	-0.747315934	1.34E-79
LA16c-329F2.1	FN1	-0.798630982	2.02E-98
LA16c-329F2.1	ZCCHC12	-0.342468629	1.59E-13
RP11-69E11.4	TFF3	0.742769427	0
RP11-69E11.4	CCL21	0.470404005	1.49E-25
RP11-69E11.4	TPO	0.646815615	0
RP11-69E11.4	MT1G	0.616604164	0
RP11-69E11.4	DIO1	0.629168664	0
RP11-69E11.4	DPT	0.408103796	4.77E-19
RP11-69E11.4	CDH16	0.646161887	0
RP11-69E11.4	CRABP1	0.590115647	1.54E-42
RP11-69E11.4	SLC26A7	0.60121753	0
RP11-69E11.4	MT1H	0.578418428	1.46E-40
RP11-69E11.4	SLC26A4	0.64428907	0
RP11-69E11.4	SLC5A8	0.601111028	1.79E-44
RP11-69E11.4	PKHD1L1	0.572866973	1.19E-39
RP11-69E11.4	TFCP2L1	0.576732611	0
RP11-69E11.4	WSCD2	0.687406235	1.11E-62
RP11-69E11.4	IPCEF1	0.576720839	0
RP11-69E11.4	SLC5A5	0.606076612	2.26E-45
RP11-69E11.4	MT1F	0.662208915	0
RP11-69E11.4	FOSB	0.399304714	0
RP11-69E11.4	SEMA3D	0.621111983	3.43E-48
RP11-69E11.4	BMP8A	0.805546541	0
RP11-69E11.4	MATN2	0.568422799	0
RP11-69E11.4	PLA2R1	0.559132326	0
RP11-69E11.4	COL23A1	0.677183228	0
RP11-69E11.4	HGD	0.67274557	0
RP11-69E11.4	TCEAL2	0.53381071	0
RP11-69E11.4	CHRD1	0.356371337	1.36E-14
RP11-69E11.4	TNFRSF11B	0.494213187	0
RP11-69E11.4	FAM167A	0.623550495	0
RP11-69E11.4	KIT	0.580401938	0
RP11-69E11.4	SLC4A4	0.596608249	0
RP11-69E11.4	SMOC2	0.547864358	0
RP11-69E11.4	FHL1	0.65049643	0
RP11-69E11.4	OTOS	0.663188016	0
RP11-69E11.4	IGFBPL1	0.548389801	7.85E-36
RP11-69E11.4	HBB	0.338261985	4.44E-13
RP11-69E11.4	BEX1	0.58144898	0

RP11-69E11.4	FABP4	0.557378163	3.38E-37
RP11-69E11.4	LMOD1	0.665602084	0
RP11-69E11.4	SOD3	0.644241696	0
RP11-69E11.4	TMEM171	0.559771585	0
RP11-69E11.4	PI16	0.461934744	0
RP11-69E11.4	ZMAT4	0.69757573	2.95E-65
RP11-69E11.4	MFAP4	0.370284128	1.02E-15
RP11-69E11.4	CWH43	0.571508345	1.98E-39
RP11-69E11.4	SPX	0.644140141	0
RP11-69E11.4	APOD	0.28338917	1.77E-09
RP11-69E11.4	DPP6	0.67460165	0
RP11-69E11.4	MMRN1	0.434431247	0
RP11-69E11.4	WDR72	0.510075684	0
RP11-69E11.4	MPPED2	0.711435051	0
RP11-69E11.4	PAPSS2	0.49977533	0
RP11-69E11.4	DCN	0.241009228	3.49E-07
RP11-69E11.4	SORBS2	0.610137809	0
RP11-69E11.4	EGR2	0.376119166	2.28E-16
RP11-69E11.4	EDN3	0.580992348	5.46E-41
RP11-69E11.4	DIO2	0.543804838	0
RP11-69E11.4	ITPR1	0.635634026	0
RP11-69E11.4	CFD	0.429108667	0
RP11-69E11.4	CPXM1	0.550228925	0
RP11-69E11.4	ELMO1	0.697402678	0
RP11-69E11.4	GPC3	0.553410919	1.37E-36
RP11-69E11.4	MYOC	0.37967898	1.68E-16
RP11-69E11.4	DEPTOR	0.570780842	0
RP11-69E11.4	DGKI	0.554831682	0
RP11-69E11.4	CARTPT	0.631911999	2.59E-50
RP11-69E11.4	IYD	0.371642786	7.38E-16
RP11-69E11.4	LYVE1	0.443638888	0
RP11-69E11.4	CLCNKB	0.664635181	0
RP11-69E11.4	NCAM1	0.423389936	0
RP11-69E11.4	HBA2	0.398146047	0
RP11-69E11.4	GLT8D2	0.618675411	0
RP11-69E11.4	OGDHL	0.488080717	0
RP11-69E11.4	LIFR	0.518801646	0
RP11-69E11.4	CSGALNACT1	0.403942079	0
RP11-69E11.4	RAP1GAP	0.508851346	0
RP11-69E11.4	COL9A3	0.693496768	0
RP11-69E11.4	FBLN1	0.287400466	1.02E-09
RP11-69E11.4	EFEMP1	0.387342313	0
RP11-69E11.4	AOX1	0.53574943	5.58E-34
RP11-69E11.4	GRIN2C	0.66195375	0
RP11-69E11.4	C11orf74	0.714387533	0
RP11-69E11.4	PPARGC1A	0.525315659	0
RP11-69E11.4	ANGPTL1	0.582704806	0
RP11-69E11.4	SCARA5	0.386125349	4.66E-17
RP11-69E11.4	LTF	0.585908907	0
RP11-69E11.4	CA4	0.637726705	1.72E-51
RP11-69E11.4	TG	0.580508174	0

RP11-69E11.4	FCGBP	0.657323051	0
RP11-69E11.4	PBX4	0.803048647	0
RP11-69E11.4	CYR61	0.422685005	0
RP11-69E11.4	FOS	0.405523422	0
RP11-69E11.4	KHDRBS2	0.653536425	0
RP11-69E11.4	MUM1L1	0.479150367	0
RP11-69E11.4	RGS16	0.602592925	0
RP11-69E11.4	MT1M	0.566363466	0
RP11-69E11.4	LRP2	0.481951083	0
RP11-69E11.4	MAFB	0.475705994	0
RP11-69E11.4	KCNK2	0.523536595	0
RP11-69E11.4	TBC1D4	0.631463163	0
RP11-69E11.4	MIOX	0.760049188	8.01E-84
RP11-69E11.4	TPPP	0.50629842	0
RP11-69E11.4	FMOD	0.511756171	0
RP11-69E11.4	CITED2	0.346924829	9.96E-14
RP11-69E11.4	RGS8	0.638435935	1.23E-51
RP11-69E11.4	ABI3BP	0.338972021	3.94E-13
RP11-69E11.4	ADH1B	0.435204273	1.03E-21
RP11-69E11.4	OGN	0.316841801	1.08E-11
RP11-69E11.4	NR4A1	0.364885381	3.31E-15
RP11-69E11.4	FOXJ1	0.677582348	2.71E-60
RP11-69E11.4	ALDH1A1	0.556427491	0
RP11-69E11.4	OCA2	0.565941413	1.55E-38
RP11-69E11.4	TMEM139	0.375453666	2.75E-16
RP11-69E11.4	ARHGAP24	0.635761821	0
RP11-69E11.4	SLC25A15	0.450777693	0
RP11-69E11.4	DES	0.34461935	1.10E-13
RP11-69E11.4	GDF10	0.574472447	6.53E-40
RP11-69E11.4	KIAA1324	0.603381255	0
RP11-69E11.4	JUN	0.427807879	0
RP11-69E11.4	C7	0.204003353	1.72E-05
RP11-69E11.4	LGI3	0.629129659	0
RP11-69E11.4	CDON	0.646629808	0
RP11-69E11.4	BCL2	0.515241676	0
RP11-69E11.4	HLF	0.645885447	0
RP11-69E11.4	EGR1	0.416584448	0
RP11-69E11.4	IP6K3	0.510299078	0
RP11-69E11.4	SCUBE3	0.527160534	0
RP11-69E11.4	PKNOX2	0.677469172	0
RP11-69E11.4	SMAD9	0.418741791	0
RP11-69E11.4	IQGAP2	0.486334134	0
RP11-69E11.4	GNA14	0.646995464	0
RP11-69E11.4	LAYN	0.636665324	0
RP11-69E11.4	AVPR1A	0.565895971	0
RP11-69E11.4	PDLIM3	0.546886391	0
RP11-69E11.4	GPM6A	0.492459371	0
RP11-69E11.4	SDPR	0.467002159	0
RP11-69E11.4	CRYAB	0.271457121	8.58E-09
RP11-69E11.4	FOXA2	0.538389998	2.32E-34
RP11-69E11.4	C8orf88	0.518753422	0

RP11-69E11.4	ISM1	0.548866154	0
RP11-69E11.4	BMP2	0.276352913	4.52E-09
RP11-69E11.4	ID4	0.588908194	0
RP11-69E11.4	NUPR1	0.35916892	1.04E-14
RP11-69E11.4	SERTM1	0.454149475	1.00E-23
RP11-69E11.4	IRS1	0.575580894	0
RP11-69E11.4	FIBIN	0.289045067	8.13E-10
RP11-69E11.4	PODN	0.32757328	2.58E-12
RP11-69E11.4	TDRD9	0.407432124	0
RP11-69E11.4	EPHA3	0.431540465	0
RP11-69E11.4	AIF1L	0.38574778	0
RP11-69E11.4	EBF4	0.729639563	0
RP11-69E11.4	ADM2	0.542875805	0
RP11-69E11.4	GSTM3	0.629128382	0
RP11-69E11.4	HSD17B6	0.417560004	0
RP11-69E11.4	AGR3	0.391228674	1.66E-17
RP11-69E11.4	EPHB1	0.394488635	0
RP11-69E11.4	TMOD1	0.436744611	0
RP11-69E11.4	WASF3	0.526584392	0
RP11-69E11.4	SELV	0.665248711	2.01E-57
RP11-69E11.4	ENPP1	0.305614339	7.61E-11
RP11-69E11.4	SYNE1	0.596564513	1.15E-43
RP11-69E11.4	PLCH1	0.560721894	0
RP11-69E11.4	CCDC146	0.702069971	0
RP11-69E11.4	SLC16A2	0.622760037	0
RP11-69E11.4	IER2	0.626464539	0
RP11-69E11.4	KCNAB1	0.662337703	0
RP11-69E11.4	SYNDIG1	0.594075321	0
RP11-69E11.4	C16orf89	0.669405447	0
RP11-69E11.4	CTGF	0.278112119	3.58E-09
RP11-69E11.4	NR4A3	0.193778314	4.51E-05
RP11-69E11.4	KIAA1456	0.581996613	0
RP11-69E11.4	AQP4	0.510328296	0
RP11-69E11.4	RNF150	0.597698125	0
RP11-69E11.4	C1S	0.160459779	0.000750519
RP11-69E11.4	PFKFB2	0.396182595	0
RP11-69E11.4	PROX1	0.558938434	0
RP11-69E11.4	TCF7L1	0.742727301	0
RP11-69E11.4	HSPB6	0.485921814	0
RP11-69E11.4	FHDC1	0.422430691	0
RP11-69E11.4	PRR15L	0.458928506	0
RP11-69E11.4	SLC1A1	0.371997521	6.77E-16
RP11-69E11.4	BTBD11	0.691791743	0
RP11-69E11.4	TRIM58	0.394527782	0
RP11-69E11.4	LRIG1	0.503682517	0
RP11-69E11.4	ROR2	0.443271246	0
RP11-69E11.4	GPR125	0.578111268	0
RP11-69E11.4	FLRT1	0.750064961	0
RP11-69E11.4	PGF	0.639482068	0
RP11-69E11.4	DUSP1	0.330322651	1.66E-12
RP11-69E11.4	PLA2G7	0.442083644	0

RP11-69E11.4	PLSCR4	0.454782606	0
RP11-69E11.4	FAM46B	0.380319814	5.03E-17
RP11-69E11.4	GLDC	0.517881265	0
RP11-69E11.4	ZBTB16	0.375436787	2.77E-16
RP11-69E11.4	OMD	0.24501749	2.01E-07
RP11-69E11.4	HSD11B2	0.68029088	0
RP11-69E11.4	FGL2	0.234659747	7.14E-07
RP11-69E11.4	CLCNKA	0.768027952	1.32E-86
RP11-69E11.4	GATM	0.419271127	0
RP11-69E11.4	TNS3	0.354069449	2.74E-14
RP11-69E11.4	TOB1	0.361179886	7.02E-15
RP11-69E11.4	MARC2	0.601464327	0
RP11-69E11.4	LRRC2	0.460481764	0
RP11-69E11.4	SORD	0.300772161	1.54E-10
RP11-69E11.4	RIMS4	0.526182709	0
RP11-69E11.4	SLC29A4	0.693786966	0
RP11-69E11.4	SLC39A14	0.419514804	0
RP11-69E11.4	FAXDC2	0.591910319	0
RP11-69E11.4	HSPB8	0.2744279	5.83E-09
RP11-69E11.4	CCL19	0.085607427	0.073156768
RP11-69E11.4	KCNIP3	0.692308598	0
RP11-69E11.4	CGNL1	0.526953594	0
RP11-69E11.4	ATF3	0.10900297	0.022403248
RP11-69E11.4	SGCD	0.283599656	1.72E-09
RP11-69E11.4	STARD13	0.478959738	0
RP11-69E11.4	LDHD	0.626519856	0
RP11-69E11.4	RCAN1	0.298854807	2.04E-10
RP11-69E11.4	ID3	0.511165844	0
RP11-69E11.4	SYTL3	0.573611769	0
RP11-69E11.4	MT1E	0.493340321	0
RP11-69E11.4	CAMK1D	0.541015043	0
RP11-69E11.4	PRKCQ	0.544685363	0
RP11-69E11.4	NUAK2	0.403454301	0
RP11-69E11.4	LIPG	0.53621953	0
RP11-69E11.4	SLC25A25	0.265416987	1.86E-08
RP11-69E11.4	PRKX	0.225222472	1.99E-06
RP11-69E11.4	SRPX	0.312873564	2.57E-11
RP11-69E11.4	FAM189A1	0.630863618	0
RP11-69E11.4	PLEKHH1	0.613041215	0
RP11-69E11.4	WNT11	0.606163958	0
RP11-69E11.4	SNAI1	0.479929904	0
RP11-69E11.4	FDCSP	0.093817666	0.049480415
RP11-69E11.4	MT1X	0.542224914	0
RP11-69E11.4	ACACB	0.643911074	0
RP11-69E11.4	ARC	0.258938292	4.16E-08
RP11-69E11.4	KLK4	0.244919177	2.03E-07
RP11-69E11.4	ZFPM2	0.446594916	0
RP11-69E11.4	AKAP12	0.299685831	1.81E-10
RP11-69E11.4	GJB6	0.400557335	2.39E-18
RP11-69E11.4	ERO1LB	0.558518313	0
RP11-69E11.4	DNALI1	0.6380949	0

RP11-69E11.4	HKDC1	0.413931527	0
RP11-69E11.4	ZFP36L2	0.450306368	0
RP11-69E11.4	CAPSL	0.683443349	1.04E-61
RP11-69E11.4	CYP7B1	0.383820355	0
RP11-69E11.4	CPQ	0.529822959	0
RP11-69E11.4	RPS6KA6	0.585233428	1.05E-41
RP11-69E11.4	TLE1	0.478319343	0
RP11-69E11.4	TP53INP2	0.572465867	0
RP11-69E11.4	KATNAL2	0.693856892	0
RP11-69E11.4	SGPP2	0.20222968	2.04E-05
RP11-69E11.4	CTH	0.431643155	0
RP11-69E11.4	KIF12	0.584666413	0
RP11-69E11.4	TMEM220	0.584530108	0
RP11-69E11.4	CENPJ	0.514732197	0
RP11-69E11.4	FAM155B	0.560481338	0
RP11-69E11.4	WFS1	0.566414102	0
RP11-69E11.4	SELENBP1	0.643082178	0
RP11-69E11.4	SNTA1	0.555900708	0
RP11-69E11.4	FRAS1	0.142977644	0.002698662
RP11-69E11.4	FBLN7	0.570256328	0
RP11-69E11.4	AGPAT9	0.433969567	0
RP11-69E11.4	GPR83	0.495542768	0
RP11-69E11.4	PRTG	0.487266004	0
RP11-69E11.4	EGR3	0.269467714	1.11E-08
RP11-69E11.4	GRAMD2	0.416730682	0
RP11-69E11.4	HYOU1	0.446279612	0
RP11-69E11.4	FBLN5	0.41047453	0
RP11-69E11.4	ITM2A	0.540958876	0
RP11-69E11.4	SRF	0.509823214	0
RP11-69E11.4	FGFR2	0.376758284	1.88E-16
RP11-69E11.4	MT1A	0.32150635	5.16E-12
RP11-69E11.4	MAMDC2	0.286230309	1.20E-09
RP11-69E11.4	FHL2	0.421887597	0
RP11-69E11.4	FTCDNL1	0.393759166	0
RP11-69E11.4	PKIA	0.417089956	0
RP11-69E11.4	DNAJB4	0.362917533	4.96E-15
RP11-69E11.4	SLC25A33	0.599029125	0
RP11-69E11.4	EYA2	0.339341223	3.70E-13
RP11-69E11.4	LPAR1	0.200990023	2.30E-05
RP11-69E11.4	STX11	0.219022345	3.82E-06
RP11-69E11.4	ARHGEF28	0.416576789	0
RP11-69E11.4	OR2W3	0.501981323	0
RP11-69E11.4	ALDH1B1	0.386208197	4.58E-17
RP11-69E11.4	CXCL12	0.320921119	7.42E-12
RP11-69E11.4	OLFM2	0.645225762	0
RP11-69E11.4	TUB	0.40687598	0
RP11-69E11.4	HTRA3	0.367922824	1.73E-15
RP11-69E11.4	CKB	0.61841897	0
RP11-69E11.4	RGS2	0.12757867	0.007476152
RP11-69E11.4	SHANK2	0.565661231	0
RP11-69E11.4	CNTFR	0.60274063	9.12E-45

RP11-69E11.4	CYTH3	0.557379928	0
RP11-69E11.4	PLAC9	0.592937929	0
RP11-69E11.4	WVOX	0.607573252	0
RP11-69E11.4	NPR3	0.453486357	0
RP11-69E11.4	SDC2	0.374143942	3.94E-16
RP11-69E11.4	KLF15	0.519229285	0
RP11-69E11.4	TMEM164	0.519423744	0
RP11-69E11.4	LONRF3	0.202971913	1.90E-05
RP11-69E11.4	GBP1	0.173073072	0.000274391
RP11-69E11.4	ARHGAP6	0.371276279	8.06E-16
RP11-69E11.4	TMEM119	0.249996596	1.23E-07
RP11-69E11.4	SH3RF1	0.322691104	5.62E-12
RP11-69E11.4	CRELD2	0.634778606	0
RP11-69E11.4	PCP4	0.149865397	0.001655856
RP11-69E11.4	GCSH	0.662745201	0
RP11-69E11.4	IMPA2	0.484551383	0
RP11-69E11.4	C1R	0.165635984	0.000500861
RP11-69E11.4	SUCNR1	0.412068921	0
RP11-69E11.4	SFRP1	0.488913726	0
RP11-69E11.4	UGT8	0.4300794	0
RP11-69E11.4	TLE4	0.308342576	5.07E-11
RP11-69E11.4	ANTXR1	0.407316385	0
RP11-69E11.4	GPX3	0.409590743	0
RP11-69E11.4	DPY19L2	0.672185313	0
RP11-69E11.4	FAM46C	0.386388174	0
RP11-69E11.4	IL33	0.315768542	1.28E-11
RP11-69E11.4	PEG3	0.476619993	0
RP11-69E11.4	FAHD2A	0.724230463	0
RP11-69E11.4	PTGDS	0.196330106	3.56E-05
RP11-69E11.4	CHCHD10	0.492576812	0
RP11-69E11.4	CD36	0.52078453	0
RP11-69E11.4	ANKRD37	0.639751416	0
RP11-69E11.4	TSPAN33	0.559873992	0
RP11-69E11.4	PRDM16	0.543327414	0
RP11-69E11.4	UST	0.502655475	0
RP11-69E11.4	NEXN	0.532689629	0
RP11-69E11.4	NUPR1L	0.364062926	3.32E-15
RP11-69E11.4	SLC24A3	0.476865655	0
RP11-69E11.4	MARC1	0.619145601	0
RP11-69E11.4	MYH11	0.401961182	0
RP11-69E11.4	APOA1	0.678150723	1.98E-60
RP11-69E11.4	TMEM178B	0.418476981	0
RP11-69E11.4	CAPN6	0.29876169	1.68E-10
RP11-69E11.4	PPM1L	0.531059779	0
RP11-69E11.4	FZD8	0.644486649	0
RP11-69E11.4	RCAN2	0.603911584	0
RP11-69E11.4	COPZ2	0.606011767	0
RP11-69E11.4	GAS1	0.310842456	3.49E-11
RP11-69E11.4	DACT1	0.451029596	0
RP11-69E11.4	WBSCR17	0.56736129	0
RP11-69E11.4	NCS1	0.451116684	0

RP11-69E11.4	SPIRE2	0.548823887	0
RP11-69E11.4	C15orf52	0.441331198	0
RP11-69E11.4	SPAG5	0.544368357	0
RP11-69E11.4	ARL4D	0.465183807	0
RP11-69E11.4	FAM189A2	0.552296059	0
RP11-69E11.4	MAP1LC3A	0.752455343	0
RP11-69E11.4	KLF6	0.053036591	0.267378665
RP11-69E11.4	ADD3	0.380281235	5.13E-17
RP11-69E11.4	TSPAN7	0.505164574	0
RP11-69E11.4	KLF9	0.376867357	1.82E-16
RP11-69E11.4	KCNQ1	0.589300658	0
RP11-69E11.4	MAN1A1	0.154391561	0.001187937
RP11-69E11.4	MLF1	0.359721091	9.35E-15
RP11-69E11.4	RARB	0.587136932	0
RP11-69E11.4	CDC42EP2	0.561609795	0
RP11-69E11.4	FAM3B	0.227674694	1.53E-06
RP11-69E11.4	GADD45B	0.292682055	4.90E-10
RP11-69E11.4	TMEM47	0.47298726	0
RP11-69E11.4	SDF2L1	0.571192453	0
RP11-69E11.4	CCDC85A	0.210432263	9.16E-06
RP11-69E11.4	CRYBG3	0.050083258	0.294962341
RP11-69E11.4	FBLN2	0.168688035	0.00039242
RP11-69E11.4	PEBP4	0.349566546	6.22E-14
RP11-69E11.4	CDADC1	0.658863686	0
RP11-69E11.4	FAM63A	0.484990511	0
RP11-69E11.4	GLUL	0.371471163	7.69E-16
RP11-69E11.4	FREM2	0.338817702	4.04E-13
RP11-69E11.4	ACKR3	0.532728634	0
RP11-69E11.4	DENND6A	0.545309021	0
RP11-69E11.4	CLDN8	0.139028047	0.003538416
RP11-69E11.4	UTS2R	0.184119857	0.000104473
RP11-69E11.4	SCNN1B	0.415581376	0
RP11-69E11.4	TTC30A	0.434541313	0
RP11-69E11.4	CORO2B	0.655084861	0
RP11-69E11.4	TC2N	0.221812991	2.86E-06
RP11-69E11.4	ALDH2	0.60438915	0
RP11-69E11.4	GPR183	0.033308039	0.486226415
RP11-69E11.4	C4orf47	0.70867944	0
RP11-69E11.4	SLC25A42	0.68333669	0
RP11-69E11.4	LGMN	0.471619808	0
RP11-69E11.4	ACSF2	0.617999699	0
RP11-69E11.4	KIAA1467	0.456230338	0
RP11-69E11.4	PRKG1	0.600026524	0
RP11-69E11.4	GNAI1	0.536357112	0
RP11-69E11.4	ABCC4	0.269743871	1.07E-08
RP11-69E11.4	PRPS1	0.482077886	0
RP11-69E11.4	TSPAN5	0.378703155	9.83E-17
RP11-69E11.4	CR2	0.196447008	3.40E-05
RP11-69E11.4	CCDC170	0.388868338	0
RP11-69E11.4	RRAD	0.069615508	0.145285556
RP11-69E11.4	SCGB2A1	0.509310615	0

RP11-69E11.4	SESN3	0.248822043	1.41E-07
RP11-69E11.4	SGK223	0.277974112	3.65E-09
RP11-69E11.4	NDRG2	0.685977414	0
RP11-69E11.4	C3orf52	0.258402432	4.45E-08
RP11-69E11.4	FLRT3	-0.370605957	9.43E-16
RP11-69E11.4	MST1R	-0.495866157	0
RP11-69E11.4	SDC1	-0.415346919	0
RP11-69E11.4	ST8SIA4	-0.55025786	0
RP11-69E11.4	UBTD1	-0.229769344	1.22E-06
RP11-69E11.4	EPHA2	-0.417210376	0
RP11-69E11.4	TMEM130	-0.223206824	2.47E-06
RP11-69E11.4	SPINK2	-0.407179086	0
RP11-69E11.4	MMP16	-0.564385547	0
RP11-69E11.4	SIGLEC15	-0.462403657	0
RP11-69E11.4	RIN1	-0.392048185	0
RP11-69E11.4	IL1RN	-0.561926517	0
RP11-69E11.4	FCER1G	-0.263963724	2.23E-08
RP11-69E11.4	CD276	-0.541516438	0
RP11-69E11.4	CTSB	-0.488408219	0
RP11-69E11.4	FAM171A2	-0.125768119	0.008372631
RP11-69E11.4	ASPHD1	-0.495527733	0
RP11-69E11.4	C15orf48	-0.371340815	7.93E-16
RP11-69E11.4	DYSF	-0.143299756	0.002638913
RP11-69E11.4	PDZRN4	-0.091702386	0.054888202
RP11-69E11.4	EFHD2	-0.124962059	0.008801721
RP11-69E11.4	ASF1B	-0.411740852	0
RP11-69E11.4	AQP1	-0.085670195	0.07295511
RP11-69E11.4	ARRDC2	-0.264516747	2.08E-08
RP11-69E11.4	PRSS1	-0.318883359	7.82E-12
RP11-69E11.4	MAPK13	-0.564656031	0
RP11-69E11.4	CST5	-0.546483663	1.51E-35
RP11-69E11.4	AHR	-0.601947707	0
RP11-69E11.4	BAX	-0.324703489	4.09E-12
RP11-69E11.4	C1orf115	-0.28635158	1.18E-09
RP11-69E11.4	PLK3	-0.359095306	1.06E-14
RP11-69E11.4	JAG2	-0.1225765	0.010188689
RP11-69E11.4	RAD23B	-0.601629992	0
RP11-69E11.4	CA12	0.140274937	0.003250687
RP11-69E11.4	ADTRP	-0.310838626	3.49E-11
RP11-69E11.4	UCP2	-0.276041297	4.71E-09
RP11-69E11.4	IGFBP2	-0.217026129	4.70E-06
RP11-69E11.4	LOXL2	-0.205034651	1.56E-05
RP11-69E11.4	GPX1	-0.301814239	1.33E-10
RP11-69E11.4	P3H3	-0.355554909	2.07E-14
RP11-69E11.4	C2orf81	-0.247160846	1.71E-07
RP11-69E11.4	CDT1	-0.446319468	0
RP11-69E11.4	SNX25	-0.291473886	5.80E-10
RP11-69E11.4	MTHFD1L	-0.584778181	0
RP11-69E11.4	CDC42BPG	-0.644033857	8.52E-53
RP11-69E11.4	MSN	-0.66837344	0
RP11-69E11.4	SIGLEC6	-0.45555434	7.03E-24

RP11-69E11.4	F2R	-0.200183963	2.48E-05
RP11-69E11.4	TMEM184A	-0.444098582	0
RP11-69E11.4	CKS2	-0.309870588	4.04E-11
RP11-69E11.4	TAX1BP3	-0.4140823	0
RP11-69E11.4	PMEP A1	-0.357997061	1.31E-14
RP11-69E11.4	CXCL16	-0.599618174	0
RP11-69E11.4	FAXC	-0.592250161	0
RP11-69E11.4	VTCN1	-0.55903362	1.88E-37
RP11-69E11.4	SH2D4A	-0.561473631	0
RP11-69E11.4	RNF24	-0.521688316	0
RP11-69E11.4	LY6G6C	-0.506323492	5.84E-30
RP11-69E11.4	NID1	-0.371991705	6.78E-16
RP11-69E11.4	STAC	-0.648867431	0
RP11-69E11.4	RAB34	-0.369139361	1.32E-15
RP11-69E11.4	HES4	-0.092879918	0.051836121
RP11-69E11.4	EPHA10	-0.55592397	0
RP11-69E11.4	ENTPD2	-0.343097638	1.94E-13
RP11-69E11.4	DDB2	-0.473950902	0
RP11-69E11.4	NKAIN4	-0.162891577	0.000621555
RP11-69E11.4	TRIM29	-0.443096929	0
RP11-69E11.4	ADCY8	-0.512004302	1.05E-30
RP11-69E11.4	SFTA2	-0.444168083	0
RP11-69E11.4	NRIP1	-0.565009631	0
RP11-69E11.4	VWA1	0.066686713	0.163012953
RP11-69E11.4	APLNR	-0.089287892	0.061614838
RP11-69E11.4	REN	-0.378644703	2.05E-16
RP11-69E11.4	EDIL3	-0.169150424	0.000378043
RP11-69E11.4	AGRN	-0.454794237	0
RP11-69E11.4	TREM1	-0.423034634	0
RP11-69E11.4	SRL	-0.363446586	4.45E-15
RP11-69E11.4	RASGRF1	-0.462570316	0
RP11-69E11.4	RMI2	-0.441921666	0
RP11-69E11.4	SAMD1	-0.3191995	9.71E-12
RP11-69E11.4	MGAT4B	-0.581997464	0
RP11-69E11.4	NXN	-0.508320024	0
RP11-69E11.4	SH3BGRL3	-0.329555312	1.87E-12
RP11-69E11.4	CA11	-0.152860146	0.001330528
RP11-69E11.4	PLD3	-0.171037141	0.000324319
RP11-69E11.4	LURAP1L	-0.562557125	0
RP11-69E11.4	CARNS1	-0.149797031	0.00166407
RP11-69E11.4	PDLIM7	-0.190684279	5.98E-05
RP11-69E11.4	BCL2L1	-0.610233975	0
RP11-69E11.4	GGT6	-0.337987672	4.65E-13
RP11-69E11.4	DPYSL3	-0.312863209	2.57E-11
RP11-69E11.4	FYN	-0.477277975	0
RP11-69E11.4	TK1	-0.342443343	2.18E-13
RP11-69E11.4	AK1	-0.109667052	0.021593896
RP11-69E11.4	HIGD1B	0.071853698	0.132761166
RP11-69E11.4	TMEM59L	-0.274365208	5.87E-09
RP11-69E11.4	MEGF9	-0.56790169	0
RP11-69E11.4	ZFP36L1	-0.537344866	0

RP11-69E11.4	ADRA1B	-0.290373514	6.76E-10
RP11-69E11.4	EPHA4	-0.559920231	0
RP11-69E11.4	TCERG1L	-0.144133616	0.0024898
RP11-69E11.4	NGFR	-0.221524352	2.95E-06
RP11-69E11.4	EBI3	-0.44565255	0
RP11-69E11.4	S100A10	-0.427464491	0
RP11-69E11.4	S100B	-0.302911065	1.13E-10
RP11-69E11.4	CD44	-0.247519978	1.64E-07
RP11-69E11.4	BHLHE41	-0.448666731	0
RP11-69E11.4	FBXO2	-0.263958476	2.23E-08
RP11-69E11.4	SLC30A2	-0.430484913	0
RP11-69E11.4	FRMD5	-0.595184629	0
RP11-69E11.4	SAMD11	-0.201767007	2.13E-05
RP11-69E11.4	SIPA1L2	-0.446027284	0
RP11-69E11.4	S100A16	-0.502056638	0
RP11-69E11.4	PPL	-0.663366022	0
RP11-69E11.4	ARHGDIB	-0.120845803	0.0113131
RP11-69E11.4	CDC42EP3	-0.556006519	0
RP11-69E11.4	RUNX2	-0.403991155	0
RP11-69E11.4	LAMC2	-0.620207678	0
RP11-69E11.4	BRINP1	-0.457330001	0
RP11-69E11.4	GPRC5B	-0.541562109	0
RP11-69E11.4	AQP5	-0.09400653	0.04904989
RP11-69E11.4	PLAG1	-0.310836924	3.49E-11
RP11-69E11.4	PTPRU	-0.602343717	0
RP11-69E11.4	ANGPTL4	-0.385276171	0
RP11-69E11.4	PALM3	-0.244631748	2.30E-07
RP11-69E11.4	ACP5	-0.327602782	2.57E-12
RP11-69E11.4	DLG4	-0.200811025	2.34E-05
RP11-69E11.4	ETNK2	-0.39056854	0
RP11-69E11.4	CD109	-0.516557925	0
RP11-69E11.4	SNX22	-0.221804339	2.86E-06
RP11-69E11.4	TMEM98	-0.535199437	0
RP11-69E11.4	CTHRC1	-0.290039346	7.08E-10
RP11-69E11.4	S100A2	-0.39081789	0
RP11-69E11.4	C11orf80	-0.500674294	0
RP11-69E11.4	SREBF1	-0.421576832	0
RP11-69E11.4	PRSS22	-0.464425971	0
RP11-69E11.4	CMTM3	-0.352268969	3.81E-14
RP11-69E11.4	RDH5	-0.431809104	0
RP11-69E11.4	MYH10	-0.559534859	0
RP11-69E11.4	EVPL	-0.504428723	0
RP11-69E11.4	SCD	-0.520058891	0
RP11-69E11.4	CD151	-0.346030972	1.17E-13
RP11-69E11.4	S100A4	-0.366898901	2.16E-15
RP11-69E11.4	BNIP1	-0.276065268	4.70E-09
RP11-69E11.4	MAP3K6	-0.419847979	0
RP11-69E11.4	MANEAL	-0.483157408	0
RP11-69E11.4	CD207	-0.316016898	1.23E-11
RP11-69E11.4	CD1A	-0.340113785	2.38E-13
RP11-69E11.4	C3	-0.384632089	0

RP11-69E11.4	NT5E	-0.470065841	0
RP11-69E11.4	CACNG4	-0.512706985	8.46E-31
RP11-69E11.4	FHOD1	-0.299297339	1.91E-10
RP11-69E11.4	LEMD1	-0.528533518	0
RP11-69E11.4	ATP11A	-0.304608005	8.82E-11
RP11-69E11.4	PPAP2C	-0.319987121	8.59E-12
RP11-69E11.4	DRAM1	-0.583465336	0
RP11-69E11.4	CDA	-0.089504052	0.060986125
RP11-69E11.4	CCND2	-0.26798892	1.34E-08
RP11-69E11.4	LCN6	-0.110287735	0.020818998
RP11-69E11.4	CDH4	-0.42325363	0
RP11-69E11.4	MMP11	-0.391850322	0
RP11-69E11.4	B3GAT1	-0.351653821	4.27E-14
RP11-69E11.4	SPP1	-0.364727659	3.42E-15
RP11-69E11.4	HLA-DQB1	-0.347278145	9.36E-14
RP11-69E11.4	SDC3	-0.469072555	0
RP11-69E11.4	CX3CL1	-0.411025709	0
RP11-69E11.4	SDK1	-0.373856864	4.24E-16
RP11-69E11.4	DOCK9	-0.624728169	0
RP11-69E11.4	CSF2	-0.451200303	2.10E-23
RP11-69E11.4	GRHL3	-0.610075259	0
RP11-69E11.4	TMEM92	-0.52999162	3.67E-33
RP11-69E11.4	BASP1	-0.462628894	0
RP11-69E11.4	HRH1	-0.549737459	0
RP11-69E11.4	ESM1	-0.053585926	0.262449729
RP11-69E11.4	B4GALNT3	-0.53105141	0
RP11-69E11.4	LMO3	-0.269664016	1.08E-08
RP11-69E11.4	C9orf16	-0.371902206	6.93E-16
RP11-69E11.4	SEMA3F	-0.146652076	0.002084904
RP11-69E11.4	PLA2G12B	-0.281135393	2.04E-09
RP11-69E11.4	KLK6	-0.439359237	3.82E-22
RP11-69E11.4	ST3GAL5	-0.324860361	3.99E-12
RP11-69E11.4	FAM132B	-0.157207879	0.000961838
RP11-69E11.4	CDKN1A	-0.37146549	7.70E-16
RP11-69E11.4	E2F1	-0.461070104	0
RP11-69E11.4	B3GNT8	-0.260575802	3.40E-08
RP11-69E11.4	MTMR11	-0.490100052	0
RP11-69E11.4	MYO1G	-0.433160387	0
RP11-69E11.4	TMSB10	-0.318887316	1.02E-11
RP11-69E11.4	UNC5CL	-0.49676044	0
RP11-69E11.4	ABR	-0.554625451	0
RP11-69E11.4	PLP2	-0.427173867	0
RP11-69E11.4	SRCIN1	-0.435505947	0
RP11-69E11.4	PDE9A	-0.540065302	0
RP11-69E11.4	TREM2	-0.278465861	3.42E-09
RP11-69E11.4	KDELR3	-0.448572409	0
RP11-69E11.4	PC	-0.518508895	0
RP11-69E11.4	C2CD4A	-0.577677389	0
RP11-69E11.4	PELI1	-0.531769957	0
RP11-69E11.4	SSX1	-0.313598777	2.30E-11
RP11-69E11.4	MROH6	-0.452719018	0

RP11-69E11.4	ESPN	-0.351917922	4.06E-14
RP11-69E11.4	BMP1	-0.275383882	5.14E-09
RP11-69E11.4	TM4SF4	-0.448875266	3.75E-23
RP11-69E11.4	CORO2A	-0.561179461	0
RP11-69E11.4	CD164L2	-0.402455002	1.60E-18
RP11-69E11.4	CTSS	-0.492596244	0
RP11-69E11.4	CLU	-0.359237852	1.03E-14
RP11-69E11.4	TMSB4X	-0.380484487	4.65E-17
RP11-69E11.4	WNT10A	-0.428751253	4.67E-21
RP11-69E11.4	NAPSA	-0.339053294	3.89E-13
RP11-69E11.4	PLEKHA4	-0.431773361	0
RP11-69E11.4	SFTPA1	-0.043512988	0.363070524
RP11-69E11.4	C1orf116	-0.566200495	0
RP11-69E11.4	TM4SF1	-0.418453294	0
RP11-69E11.4	SEL1L3	-0.563219646	0
RP11-69E11.4	VASN	-0.455818585	0
RP11-69E11.4	NPTXR	-0.628725281	0
RP11-69E11.4	PDE4C	-0.486883895	0
RP11-69E11.4	CDC42EP1	-0.480548881	0
RP11-69E11.4	ENDOD1	-0.686269598	0
RP11-69E11.4	RYR1	-0.460543605	0
RP11-69E11.4	IL1RAP	-0.607725727	0
RP11-69E11.4	SLC35F2	-0.599506995	3.47E-44
RP11-69E11.4	ISYNA1	-0.190516202	6.07E-05
RP11-69E11.4	HLA-G	-0.526927212	0
RP11-69E11.4	CDKN2B	-0.497287365	0
RP11-69E11.4	ALDH1A3	-0.507159797	0
RP11-69E11.4	CLIP3	-0.336958359	5.53E-13
RP11-69E11.4	ULBP2	-0.459339266	0
RP11-69E11.4	ETHE1	-0.588448926	0
RP11-69E11.4	XPR1	-0.550788189	0
RP11-69E11.4	SPTBN2	-0.679208237	0
RP11-69E11.4	IVL	-0.517187008	2.13E-31
RP11-69E11.4	MARCO	-0.439143786	0
RP11-69E11.4	PLXND1	-0.224102951	2.25E-06
RP11-69E11.4	EMILIN2	-0.404198237	0
RP11-69E11.4	PLAUR	-0.460447439	0
RP11-69E11.4	CDC42EP5	-0.379823101	6.30E-17
RP11-69E11.4	TRPC5	-0.329131323	1.50E-12
RP11-69E11.4	TMEM100	-0.29910983	1.96E-10
RP11-69E11.4	QSOX1	-0.590886964	0
RP11-69E11.4	ARHGAP23	-0.487178774	0
RP11-69E11.4	MDFI	-0.291855996	5.50E-10
RP11-69E11.4	FSTL3	-0.5031546	0
RP11-69E11.4	INF2	-0.434370825	0
RP11-69E11.4	TGFBR1	-0.616417506	0
RP11-69E11.4	TGFBI	-0.254787429	6.91E-08
RP11-69E11.4	ERBB3	-0.652640582	0
RP11-69E11.4	CCL18	-0.33223802	1.21E-12
RP11-69E11.4	CCL17	-0.342438817	1.60E-13
RP11-69E11.4	C16orf45	-0.351164199	4.66E-14

RP11-69E11.4	PRDM1	-0.343605557	1.78E-13
RP11-69E11.4	TRIM47	-0.47722507	0
RP11-69E11.4	CNFN	-0.379674597	6.71E-17
RP11-69E11.4	ARMCX3	-0.405482714	0
RP11-69E11.4	RAMP1	-0.251539926	1.02E-07
RP11-69E11.4	GABRD	0.014448949	0.76264373
RP11-69E11.4	COL13A1	-0.128793221	0.006923909
RP11-69E11.4	S100A5	-0.396618461	0
RP11-69E11.4	MISP	-0.466850677	0
RP11-69E11.4	HES6	-0.207660198	1.20E-05
RP11-69E11.4	PSD3	-0.609867326	0
RP11-69E11.4	DOK7	-0.511154214	0
RP11-69E11.4	ZMAT3	-0.690717894	0
RP11-69E11.4	MFAP2	-0.269983433	1.04E-08
RP11-69E11.4	TMEM79	-0.489754395	0
RP11-69E11.4	SLC1A5	-0.394943932	0
RP11-69E11.4	BBC3	-0.420312212	0
RP11-69E11.4	HLA-DQB2	-0.301648573	1.36E-10
RP11-69E11.4	C1QL1	-0.353681666	2.94E-14
RP11-69E11.4	TMEM215	-0.186006764	8.84E-05
RP11-69E11.4	PNP	-0.457368155	0
RP11-69E11.4	ARNTL	-0.481669537	0
RP11-69E11.4	CLDN2	-0.280539175	2.21E-09
RP11-69E11.4	MVP	-0.50991243	0
RP11-69E11.4	LGALS1	-0.328605571	2.19E-12
RP11-69E11.4	BIRC7	-0.353817372	2.16E-14
RP11-69E11.4	COL8A1	-0.615216997	0
RP11-69E11.4	PERP	-0.66480113	0
RP11-69E11.4	GJA4	-0.173155763	0.000272523
RP11-69E11.4	IGFL2	-0.433866808	1.41E-21
RP11-69E11.4	DAPK2	-0.465935402	0
RP11-69E11.4	MAMLD1	-0.548747578	0
RP11-69E11.4	ETV5	-0.315412874	1.74E-11
RP11-69E11.4	RUNX1	-0.669641039	0
RP11-69E11.4	LONRF2	-0.322661744	5.65E-12
RP11-69E11.4	SPOCK1	-0.173353909	0.000268097
RP11-69E11.4	XKRX	-0.468851573	0
RP11-69E11.4	TGFB1	-0.178982432	0.000167145
RP11-69E11.4	ERP27	-0.322362326	5.92E-12
RP11-69E11.4	TNFRSF10C	-0.528388844	0
RP11-69E11.4	PALM	-0.451921326	0
RP11-69E11.4	TSC22D1	-0.295620211	3.23E-10
RP11-69E11.4	TGM2	-0.529720411	0
RP11-69E11.4	UBE2QL1	-0.251766723	9.93E-08
RP11-69E11.4	ECE1	-0.505938437	0
RP11-69E11.4	COL8A2	-0.536029468	0
RP11-69E11.4	HIST3H2A	-0.446942275	0
RP11-69E11.4	TNFRSF21	-0.598063072	0
RP11-69E11.4	SOX4	-0.573675312	0
RP11-69E11.4	ELF3	-0.635366238	0
RP11-69E11.4	TPD52L1	-0.527935532	0

RP11-69E11.4	INHBB	-0.362948454	4.92E-15
RP11-69E11.4	HPN	-0.350077018	5.68E-14
RP11-69E11.4	MMP7	-0.429544109	3.88E-21
RP11-69E11.4	RAB27A	-0.59850759	0
RP11-69E11.4	IGF2BP2	-0.447224247	0
RP11-69E11.4	ITGB4	-0.49184167	0
RP11-69E11.4	PPP1R1B	-0.390328693	0
RP11-69E11.4	NPDC1	-0.108239461	0.023366166
RP11-69E11.4	CCL13	-0.469389799	1.95E-25
RP11-69E11.4	SPINT1	-0.647431897	0
RP11-69E11.4	HEY2	-0.250245662	1.19E-07
RP11-69E11.4	CST2	-0.504039405	1.15E-29
RP11-69E11.4	ADM	-0.346678033	1.04E-13
RP11-69E11.4	VSTM2L	-0.450689612	0
RP11-69E11.4	FAM84A	-0.512047079	0
RP11-69E11.4	P4HA2	-0.494716283	0
RP11-69E11.4	LPL	-0.358515901	1.18E-14
RP11-69E11.4	TMEM173	-0.355006	2.30E-14
RP11-69E11.4	DHRS3	-0.384332387	0
RP11-69E11.4	SCN1B	-0.400820102	0
RP11-69E11.4	GLT1D1	-0.323023287	5.33E-12
RP11-69E11.4	PHYHIP	-0.409801797	0
RP11-69E11.4	BHLHE40	-0.596797034	0
RP11-69E11.4	BID	-0.529730623	0
RP11-69E11.4	POSTN	-0.316014972	1.59E-11
RP11-69E11.4	ITGA3	-0.688741961	0
RP11-69E11.4	RSPO4	-0.48418133	0
RP11-69E11.4	ADAMTS9	-0.179564106	0.000159051
RP11-69E11.4	ABTB2	-0.653711594	0
RP11-69E11.4	KCNQ3	-0.695753964	0
RP11-69E11.4	ANXA1	-0.47761498	0
RP11-69E11.4	S100A11	-0.462329193	0
RP11-69E11.4	CEACAM6	-0.586744696	5.83E-42
RP11-69E11.4	IER5L	-0.370154915	1.05E-15
RP11-69E11.4	KRT80	-0.648051867	0
RP11-69E11.4	CDH6	-0.505766105	0
RP11-69E11.4	UNC5B	-0.433042945	0
RP11-69E11.4	PLEKHN1	-0.494186663	0
RP11-69E11.4	SYTL1	-0.309729034	4.12E-11
RP11-69E11.4	TMEM163	-0.474810293	0
RP11-69E11.4	C4orf48	-0.07487185	0.117213068
RP11-69E11.4	B3GNT7	-0.381245727	3.07E-17
RP11-69E11.4	BAIAP3	-0.402083729	0
RP11-69E11.4	PHLDA2	-0.391251202	0
RP11-69E11.4	GAP43	-0.449747379	3.02E-23
RP11-69E11.4	S100A1	-0.413138232	0
RP11-69E11.4	PTPRE	-0.664853468	0
RP11-69E11.4	CCND1	-0.527305775	0
RP11-69E11.4	ST6GALNAC5	-0.621148357	3.38E-48
RP11-69E11.4	KRT17	-0.250049076	1.22E-07
RP11-69E11.4	HPCAL4	-0.329996426	1.75E-12

RP11-69E11.4	GABBR2	-0.283214001	1.81E-09
RP11-69E11.4	DIRAS3	-0.291896703	5.47E-10
RP11-69E11.4	SERINC2	-0.44093916	0
RP11-69E11.4	PTCHD4	-0.458026563	0
RP11-69E11.4	EPS8	-0.530169325	0
RP11-69E11.4	LY6E	-0.453372887	0
RP11-69E11.4	UPP1	-0.517422848	0
RP11-69E11.4	AHNAK2	-0.61155845	0
RP11-69E11.4	PLXNC1	-0.440784416	0
RP11-69E11.4	TNC	-0.522959744	0
RP11-69E11.4	DUSP4	-0.442071021	0
RP11-69E11.4	NRCAM	-0.571014022	0
RP11-69E11.4	NRP2	-0.439504761	0
RP11-69E11.4	CTSC	-0.541825359	0
RP11-69E11.4	AMIGO2	-0.351265471	4.58E-14
RP11-69E11.4	NAB2	-0.364687519	3.45E-15
RP11-69E11.4	TBC1D2	-0.679151786	0
RP11-69E11.4	PHLDA3	-0.423382986	0
RP11-69E11.4	PTP4A3	-0.287693643	9.80E-10
RP11-69E11.4	CRABP2	-0.256249486	5.78E-08
RP11-69E11.4	GOS2	-0.287645419	9.87E-10
RP11-69E11.4	S100A6	-0.516775787	0
RP11-69E11.4	FOXQ1	-0.546797034	0
RP11-69E11.4	LRG1	-0.500883645	0
RP11-69E11.4	LAMP5	-0.291268081	5.97E-10
RP11-69E11.4	ALDH3B1	-0.60901687	0
RP11-69E11.4	CDH2	-0.058806667	0.218720939
RP11-69E11.4	SCG5	-0.159814846	0.000788658
RP11-69E11.4	ZCCHC16	-0.295472308	2.71E-10
RP11-69E11.4	GRB7	-0.534293523	0
RP11-69E11.4	TIAM1	-0.404864021	0
RP11-69E11.4	FXYD5	-0.216008022	5.22E-06
RP11-69E11.4	CLDN9	-0.349517186	6.28E-14
RP11-69E11.4	FAM43A	-0.479071789	0
RP11-69E11.4	CHST2	-0.460436518	0
RP11-69E11.4	HMGA2	-0.348505037	7.52E-14
RP11-69E11.4	GALNT7	-0.564227115	0
RP11-69E11.4	CBLN1	-0.443157777	0
RP11-69E11.4	STRA6	-0.455441723	0
RP11-69E11.4	MUC21	-0.574967536	5.42E-40
RP11-69E11.4	PRR36	-0.37574968	2.53E-16
RP11-69E11.4	NFE2L3	-0.524861496	0
RP11-69E11.4	NR1D1	-0.408221164	0
RP11-69E11.4	MUC1	-0.584776763	0
RP11-69E11.4	NAT8L	-0.176428371	0.000207476
RP11-69E11.4	APOC1	-0.112471739	0.018449359
RP11-69E11.4	EVA1A	-0.576694883	0
RP11-69E11.4	ENTPD1	-0.338498002	4.27E-13
RP11-69E11.4	COL1A1	-0.330424774	1.63E-12
RP11-69E11.4	FNDC4	-0.407132138	0
RP11-69E11.4	FRMD3	-0.230448035	1.13E-06

RP11-69E11.4	SHROOM4	-0.520251931	0
RP11-69E11.4	NELL2	-0.295145057	3.46E-10
RP11-69E11.4	EPHB3	-0.565082535	0
RP11-69E11.4	TMC6	-0.485417725	0
RP11-69E11.4	NOD1	-0.427190604	0
RP11-69E11.4	GGCT	-0.483681071	0
RP11-69E11.4	ICAM1	-0.604101788	0
RP11-69E11.4	PRSS23	-0.501107039	0
RP11-69E11.4	CFI	-0.482925504	0
RP11-69E11.4	CD55	-0.638454883	0
RP11-69E11.4	RASD2	-0.451681337	0
RP11-69E11.4	KLK11	-0.391413698	1.60E-17
RP11-69E11.4	ICAM5	-0.357249438	1.51E-14
RP11-69E11.4	ADORA1	-0.464021593	0
RP11-69E11.4	ITGA2	-0.621866038	0
RP11-69E11.4	ABCC3	-0.411475475	0
RP11-69E11.4	MFGE8	-0.477101814	0
RP11-69E11.4	STK32A	-0.362356709	5.55E-15
RP11-69E11.4	CYSLTR2	-0.368972702	1.37E-15
RP11-69E11.4	LAD1	-0.577553848	0
RP11-69E11.4	MGAT3	-0.577073588	0
RP11-69E11.4	IGFBP6	-0.281408556	2.31E-09
RP11-69E11.4	CYP2S1	-0.605309531	0
RP11-69E11.4	KCNJ2	-0.401887427	0
RP11-69E11.4	FAM20A	-0.38769648	0
RP11-69E11.4	TGFA	-0.541601965	0
RP11-69E11.4	MXRA8	-0.417329661	0
RP11-69E11.4	C8orf4	-0.390374081	0
RP11-69E11.4	CLDN10	-0.449953051	2.87E-23
RP11-69E11.4	PDE5A	-0.610443184	0
RP11-69E11.4	APOE	-0.107249863	0.024667387
RP11-69E11.4	SPOCK2	-0.525819322	0
RP11-69E11.4	TENM1	-0.096294363	0.043776486
RP11-69E11.4	SLIT1	-0.164778578	0.000536
RP11-69E11.4	CXCL14	-0.218650164	3.97E-06
RP11-69E11.4	ECM1	-0.120429795	0.011599235
RP11-69E11.4	DUSP5	-0.60791976	0
RP11-69E11.4	SEZ6L2	-0.452206844	0
RP11-69E11.4	THRSP	-0.246467121	1.86E-07
RP11-69E11.4	C19orf33	-0.49074229	0
RP11-69E11.4	MPZL2	-0.618379823	0
RP11-69E11.4	CTSH	-0.481245443	0
RP11-69E11.4	CYP1B1	-0.580874398	0
RP11-69E11.4	ALOX5	-0.562498546	0
RP11-69E11.4	SYTL5	-0.570916175	2.47E-39
RP11-69E11.4	TNFRSF12A	-0.409664215	0
RP11-69E11.4	DUSP6	-0.483593841	0
RP11-69E11.4	ALOX15B	-0.576477446	0
RP11-69E11.4	SDC4	-0.551810835	0
RP11-69E11.4	MDK	-0.388400985	0
RP11-69E11.4	KRT19	-0.582745655	0

RP11-69E11.4	MET	-0.733127055	0
RP11-69E11.4	TESC	-0.141442966	0.003000615
RP11-69E11.4	CXCL17	-0.586911219	5.46E-42
RP11-69E11.4	NPC2	-0.344777982	1.45E-13
RP11-69E11.4	COMP	-0.316082912	1.57E-11
RP11-69E11.4	TUSC3	-0.458226554	0
RP11-69E11.4	TMPRSS4	-0.615889446	0
RP11-69E11.4	LGALS3	-0.54427134	0
RP11-69E11.4	CRLF1	-0.346148129	1.14E-13
RP11-69E11.4	CTXN1	-0.405962549	0
RP11-69E11.4	PCSK1N	-0.134936329	0.00465229
RP11-69E11.4	NMU	-0.467663612	3.07E-25
RP11-69E11.4	GALE	-0.40483537	0
RP11-69E11.4	PCSK2	-0.179578574	0.000158854
RP11-69E11.4	GJB3	-0.475459623	0
RP11-69E11.4	SLPI	-0.493307557	0
RP11-69E11.4	AGR2	-0.299739587	1.79E-10
RP11-69E11.4	MRC2	-0.42431131	0
RP11-69E11.4	GOLT1A	-0.37305676	5.21E-16
RP11-69E11.4	SLC27A6	-0.543902016	3.64E-35
RP11-69E11.4	KCNN4	-0.497936837	0
RP11-69E11.4	ETV4	-0.315929952	1.25E-11
RP11-69E11.4	SYT12	-0.538386092	0
RP11-69E11.4	PVRL4	-0.611848507	0
RP11-69E11.4	PLCD3	-0.564509513	0
RP11-69E11.4	PLAU	-0.486619794	0
RP11-69E11.4	LRRK2	-0.235323828	6.63E-07
RP11-69E11.4	SFN	-0.517658865	0
RP11-69E11.4	LPAR5	-0.544000715	0
RP11-69E11.4	NGEF	-0.544279708	0
RP11-69E11.4	DTX4	-0.585287093	0
RP11-69E11.4	CST6	-0.430957372	0
RP11-69E11.4	QPCT	-0.414969916	0
RP11-69E11.4	TIMP1	-0.386823756	0
RP11-69E11.4	CAMK2N1	-0.45306354	0
RP11-69E11.4	KLHDC8A	-0.182411912	0.000124463
RP11-69E11.4	PDLIM4	-0.52331845	0
RP11-69E11.4	SCEL	-0.589504194	0
RP11-69E11.4	LCN2	-0.639817371	0
RP11-69E11.4	PROS1	-0.712388055	0
RP11-69E11.4	GABRB2	-0.642445613	0
RP11-69E11.4	TMPRSS6	-0.589991972	0
RP11-69E11.4	KLK7	-0.497457281	8.00E-29
RP11-69E11.4	PDZK1IP1	-0.461845528	0
RP11-69E11.4	CDH3	-0.496410102	0
RP11-69E11.4	LRP4	-0.335763665	6.75E-13
RP11-69E11.4	IGSF1	-0.340415072	3.08E-13
RP11-69E11.4	B3GNT3	-0.650678691	0
RP11-69E11.4	CLDN1	-0.60465779	0
RP11-69E11.4	GDF15	-0.631579754	0
RP11-69E11.4	ARHGAP36	-0.294230608	3.24E-10

RP11-69E11.4	LAMB3	-0.561313355	0
RP11-69E11.4	KLK10	-0.494732453	0
RP11-69E11.4	DPP4	-0.666365452	0
RP11-69E11.4	METTL7B	-0.42966481	0
RP11-69E11.4	LIPH	-0.636059538	0
RP11-69E11.4	CLDN16	-0.533231021	0
RP11-69E11.4	CHI3L1	-0.521136569	0
RP11-69E11.4	SLC22A31	-0.379947981	1.59E-16
RP11-69E11.4	TACSTD2	-0.585818273	0
RP11-69E11.4	SFTPB	-0.532936284	0
RP11-69E11.4	RXRG	-0.278856055	3.25E-09
RP11-69E11.4	DCSTAMP	-0.60326669	7.33E-45
RP11-69E11.4	CITED1	-0.354556943	2.50E-14
RP11-69E11.4	SERPINA1	-0.574784904	0
RP11-69E11.4	PRR15	-0.30444319	9.04E-11
RP11-69E11.4	SLC34A2	-0.714187543	0
RP11-69E11.4	FN1	-0.710408434	0
RP11-69E11.4	ZCCHC12	-0.280870852	2.48E-09
AC007204.2	TFF3	0.625791914	4.23E-49
AC007204.2	CCL21	0.465721679	5.12E-25
AC007204.2	TPO	0.629301113	8.60E-50
AC007204.2	MT1G	0.529564165	4.21E-33
AC007204.2	DIO1	0.524400857	2.21E-32
AC007204.2	DPT	0.407695689	5.21E-19
AC007204.2	CDH16	0.56009793	1.28E-37
AC007204.2	CRABP1	0.547480037	1.07E-35
AC007204.2	SLC26A7	0.706351593	1.44E-67
AC007204.2	MT1H	0.491335364	4.66E-28
AC007204.2	SLC26A4	0.724941088	9.33E-73
AC007204.2	SLC5A8	0.502774348	1.68E-29
AC007204.2	PKHD1L1	0.61320789	1.09E-46
AC007204.2	TFCP2L1	0.526008868	1.32E-32
AC007204.2	WSCD2	0.688420177	6.19E-63
AC007204.2	IPCEF1	0.618935351	8.98E-48
AC007204.2	SLC5A5	0.498183622	6.47E-29
AC007204.2	MT1F	0.524067681	2.45E-32
AC007204.2	FOSB	0.452087889	1.68E-23
AC007204.2	SEMA3D	0.674256789	1.66E-59
AC007204.2	BMP8A	0.679528862	9.26E-61
AC007204.2	MATN2	0.60952685	5.26E-46
AC007204.2	PLA2R1	0.571747888	1.81E-39
AC007204.2	COL23A1	0.615731812	3.65E-47
AC007204.2	HGD	0.616730063	2.36E-47
AC007204.2	TCEAL2	0.478550779	1.65E-26
AC007204.2	CHRD1	0.45983854	2.36E-24
AC007204.2	TNFRSF11B	0.496640581	1.01E-28
AC007204.2	FAM167A	0.631344707	3.37E-50
AC007204.2	KIT	0.663746896	4.39E-57
AC007204.2	SLC4A4	0.660457687	2.40E-56
AC007204.2	SMOC2	0.516500088	2.63E-31
AC007204.2	FHL1	0.670404461	1.32E-58

AC007204.2	OTOS	0.484299166	3.38E-27
AC007204.2	IGFBPL1	0.607949704	1.03E-45
AC007204.2	HBB	0.404091385	1.13E-18
AC007204.2	BEX1	0.532780186	1.48E-33
AC007204.2	FABP4	0.537208852	3.44E-34
AC007204.2	LMOD1	0.688307037	6.61E-63
AC007204.2	SOD3	0.433487189	1.54E-21
AC007204.2	TMEM171	0.44329397	1.48E-22
AC007204.2	PI16	0.47339116	6.69E-26
AC007204.2	ZMAT4	0.624996924	6.05E-49
AC007204.2	MFAP4	0.414917409	1.07E-19
AC007204.2	CWH43	0.536078705	5.00E-34
AC007204.2	SPX	0.705327101	2.71E-67
AC007204.2	APOD	0.281414788	1.96E-09
AC007204.2	DPP6	0.626386212	3.23E-49
AC007204.2	MMRN1	0.538917633	1.95E-34
AC007204.2	WDR72	0.545449246	2.15E-35
AC007204.2	MPPED2	0.717320447	1.40E-70
AC007204.2	PAPSS2	0.5372292	3.42E-34
AC007204.2	DCN	0.292508602	4.15E-10
AC007204.2	SORBS2	0.690836282	1.54E-63
AC007204.2	EGR2	0.509572607	2.20E-30
AC007204.2	EDN3	0.671067669	9.24E-59
AC007204.2	DIO2	0.649636201	5.55E-54
AC007204.2	ITPR1	0.730632314	1.97E-74
AC007204.2	CFD	0.238266429	4.40E-07
AC007204.2	CPXM1	0.490171376	6.49E-28
AC007204.2	ELMO1	0.709239544	2.40E-68
AC007204.2	GPC3	0.552717653	1.75E-36
AC007204.2	MYOC	0.458325141	3.47E-24
AC007204.2	DEPTOR	0.591135077	1.03E-42
AC007204.2	DGKI	0.580596415	6.36E-41
AC007204.2	CARTPT	0.657012083	1.39E-55
AC007204.2	IYD	0.551415069	2.75E-36
AC007204.2	LYVE1	0.534082963	9.66E-34
AC007204.2	CLCNKB	0.632993425	1.57E-50
AC007204.2	NCAM1	0.287624998	8.28E-10
AC007204.2	HBA2	0.324701439	3.09E-12
AC007204.2	GLT8D2	0.591387689	9.28E-43
AC007204.2	OGDHL	0.372813541	6.36E-16
AC007204.2	LIFR	0.571411024	2.05E-39
AC007204.2	CSGALNACT1	0.482350887	5.81E-27
AC007204.2	RAP1GAP	0.418393419	4.95E-20
AC007204.2	COL9A3	0.631561576	3.05E-50
AC007204.2	FBLN1	0.252641509	8.07E-08
AC007204.2	EFEMP1	0.469826927	1.73E-25
AC007204.2	AOX1	0.512134776	1.01E-30
AC007204.2	GRIN2C	0.604880824	3.74E-45
AC007204.2	C11orf74	0.54514699	2.38E-35
AC007204.2	PPARGC1A	0.491409617	4.56E-28
AC007204.2	ANGPTL1	0.691175699	1.26E-63

AC007204.2	SCARA5	0.398823721	3.44E-18
AC007204.2	LTF	0.531069202	2.58E-33
AC007204.2	CA4	0.621274116	3.19E-48
AC007204.2	TG	0.6555677	2.89E-55
AC007204.2	FCGBP	0.559423493	1.63E-37
AC007204.2	PBX4	0.663021965	6.39E-57
AC007204.2	CYR61	0.438129528	5.13E-22
AC007204.2	FOS	0.445546631	8.51E-23
AC007204.2	KHDRBS2	0.724817122	1.01E-72
AC007204.2	MUM1L1	0.508194515	3.33E-30
AC007204.2	RGS16	0.638360127	1.28E-51
AC007204.2	MT1M	0.450273505	2.65E-23
AC007204.2	LRP2	0.576185555	3.42E-40
AC007204.2	MAFB	0.580353164	6.98E-41
AC007204.2	KCNK2	0.553829142	1.18E-36
AC007204.2	TBC1D4	0.692288981	6.62E-64
AC007204.2	MIOX	0.633689798	1.14E-50
AC007204.2	TPPP	0.566031557	1.50E-38
AC007204.2	FMOD	0.511076084	1.39E-30
AC007204.2	CITED2	0.423528784	1.55E-20
AC007204.2	RGS8	0.632568733	1.92E-50
AC007204.2	ABI3BP	0.413887528	1.35E-19
AC007204.2	ADH1B	0.43283276	1.80E-21
AC007204.2	OGN	0.350432203	3.95E-14
AC007204.2	NR4A1	0.430615549	3.03E-21
AC007204.2	FOXJ1	0.702049613	2.00E-66
AC007204.2	ALDH1A1	0.589545788	1.93E-42
AC007204.2	OCA2	0.53053726	3.07E-33
AC007204.2	TMEM139	0.338571294	3.10E-13
AC007204.2	ARHGAP24	0.680543425	5.27E-61
AC007204.2	SLC25A15	0.519045219	1.19E-31
AC007204.2	DES	0.318513793	8.30E-12
AC007204.2	GDF10	0.544139861	3.36E-35
AC007204.2	KIAA1324	0.64801429	1.23E-53
AC007204.2	JUN	0.46549961	5.43E-25
AC007204.2	C7	0.250266158	1.08E-07
AC007204.2	LGI3	0.584469995	1.42E-41
AC007204.2	CDON	0.700455553	5.25E-66
AC007204.2	BCL2	0.585713483	8.73E-42
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AC007204.2	EGR1	0.499763983	4.08E-29
AC007204.2	IP6K3	0.51328591	7.09E-31
AC007204.2	SCUBE3	0.625681422	4.45E-49
AC007204.2	PKNOX2	0.692724989	5.14E-64
AC007204.2	SMAD9	0.482841503	5.07E-27
AC007204.2	IQGAP2	0.538647433	2.13E-34
AC007204.2	GNA14	0.666823917	8.78E-58
AC007204.2	LAYN	0.615109854	4.78E-47
AC007204.2	AVPR1A	0.695066583	1.30E-64
AC007204.2	PDLIM3	0.472720978	8.01E-26
AC007204.2	GPM6A	0.501925159	2.16E-29

AC007204.2	SDPR	0.650446802	3.72E-54
AC007204.2	CRYAB	0.100293235	0.03566867
AC007204.2	FOXA2	0.564755148	2.38E-38
AC007204.2	C8orf88	0.642906158	1.47E-52
AC007204.2	ISM1	0.563545147	3.70E-38
AC007204.2	BMP2	0.369831693	1.12E-15
AC007204.2	ID4	0.530565111	3.04E-33
AC007204.2	NUPR1	0.136405891	0.004192975
AC007204.2	SERTM1	0.371953124	7.50E-16
AC007204.2	IRS1	0.737981336	1.17E-76
AC007204.2	FIBIN	0.253803583	7.00E-08
AC007204.2	PODN	0.323375401	3.82E-12
AC007204.2	TDRD9	0.377951601	2.35E-16
AC007204.2	EPHA3	0.55827844	2.46E-37
AC007204.2	AIF1L	0.461471853	1.55E-24
AC007204.2	EBF4	0.613764952	8.55E-47
AC007204.2	ADM2	0.442552302	1.77E-22
AC007204.2	GSTM3	0.51049299	1.66E-30
AC007204.2	HSD17B6	0.595498563	1.78E-43
AC007204.2	AGR3	0.379248748	1.82E-16
AC007204.2	EPHB1	0.418982612	4.34E-20
AC007204.2	TMOD1	0.391016103	1.73E-17
AC007204.2	WASF3	0.66039925	2.47E-56
AC007204.2	SELV	0.597253664	8.71E-44
AC007204.2	ENPP1	0.356525358	1.33E-14
AC007204.2	SYNE1	0.732613312	5.04E-75
AC007204.2	PLCH1	0.595144537	2.05E-43
AC007204.2	CCDC146	0.69129002	1.18E-63
AC007204.2	SLC16A2	0.736727635	2.84E-76
AC007204.2	IER2	0.469992877	1.66E-25
AC007204.2	KCNAB1	0.70859234	3.59E-68
AC007204.2	SYNDIG1	0.46290824	1.07E-24
AC007204.2	C16orf89	0.65757399	1.05E-55
AC007204.2	CTGF	0.3935123	1.04E-17
AC007204.2	NR4A3	0.28571388	1.08E-09
AC007204.2	KIAA1456	0.572468848	1.38E-39
AC007204.2	AQP4	0.575695507	4.12E-40
AC007204.2	RNF150	0.664986413	2.30E-57
AC007204.2	C1S	0.175424796	0.000220962
AC007204.2	PFKFB2	0.477994776	1.92E-26
AC007204.2	PROX1	0.656977564	1.42E-55
AC007204.2	TCF7L1	0.675427775	8.78E-60
AC007204.2	HSPB6	0.451781946	1.82E-23
AC007204.2	FHDC1	0.641582957	2.76E-52
AC007204.2	PRR15L	0.407686396	5.22E-19
AC007204.2	SLC1A1	0.382869246	8.93E-17
AC007204.2	BTBD11	0.694061523	2.35E-64
AC007204.2	TRIM58	0.59301811	4.83E-43
AC007204.2	LRIG1	0.539170245	1.79E-34
AC007204.2	ROR2	0.364468962	3.08E-15
AC007204.2	GPR125	0.632065808	2.42E-50

AC007204.2	FLRT1	0.665400579	1.85E-57
AC007204.2	PGF	0.485391597	2.50E-27
AC007204.2	DUSP1	0.398732768	3.51E-18
AC007204.2	PLA2G7	0.437364315	6.16E-22
AC007204.2	PLSCR4	0.598639127	4.95E-44
AC007204.2	FAM46B	0.315975885	1.24E-11
AC007204.2	GLDC	0.468471954	2.48E-25
AC007204.2	ZBTB16	0.48310376	4.72E-27
AC007204.2	OMD	0.287715684	8.18E-10
AC007204.2	HSD11B2	0.62377456	1.05E-48
AC007204.2	FGL2	0.290426287	5.58E-10
AC007204.2	CLCNKA	0.623915285	9.84E-49
AC007204.2	GATM	0.534859381	7.48E-34
AC007204.2	TNS3	0.491701235	4.20E-28
AC007204.2	TOB1	0.41265255	1.77E-19
AC007204.2	MARC2	0.5882884	3.17E-42
AC007204.2	LRRC2	0.540406075	1.18E-34
AC007204.2	SORD	0.453246417	1.26E-23
AC007204.2	RIMS4	0.520811662	6.86E-32
AC007204.2	SLC29A4	0.590079523	1.56E-42
AC007204.2	SLC39A14	0.569847976	3.67E-39
AC007204.2	FAXDC2	0.672973278	3.32E-59
AC007204.2	HSPB8	0.217594052	4.20E-06
AC007204.2	CCL19	0.061179792	0.200755177
AC007204.2	KCNIP3	0.602635112	9.53E-45
AC007204.2	CGNL1	0.606871654	1.62E-45
AC007204.2	ATF3	0.183078485	0.000114489
AC007204.2	SGCD	0.314663322	1.52E-11
AC007204.2	STARD13	0.646334794	2.79E-53
AC007204.2	LDHD	0.59701211	9.61E-44
AC007204.2	RCAN1	0.391891949	1.45E-17
AC007204.2	ID3	0.268466309	1.10E-08
AC007204.2	SYTL3	0.583376145	2.17E-41
AC007204.2	MT1E	0.365703657	2.45E-15
AC007204.2	CAMK1D	0.687034614	1.37E-62
AC007204.2	PRKCQ	0.637602999	1.83E-51
AC007204.2	NUAK2	0.341407192	1.91E-13
AC007204.2	LIPG	0.702627935	1.41E-66
AC007204.2	SLC25A25	0.375715534	3.63E-16
AC007204.2	PRKX	0.325081847	2.90E-12
AC007204.2	SRPX	0.385806132	4.97E-17
AC007204.2	FAM189A1	0.589057868	2.34E-42
AC007204.2	PLEKHH1	0.694086912	2.32E-64
AC007204.2	WNT11	0.492757924	3.10E-28
AC007204.2	SNAI1	0.37800323	2.33E-16
AC007204.2	FDCSP	0.122399742	0.010261046
AC007204.2	MT1X	0.33272348	8.28E-13
AC007204.2	ACACB	0.672501811	4.28E-59
AC007204.2	ARC	0.334556586	6.10E-13
AC007204.2	KLK4	0.156290304	0.001017938
AC007204.2	ZFPM2	0.497845206	7.14E-29

AC007204.2	AKAP12	0.460493742	1.99E-24
AC007204.2	GJB6	0.377582452	2.53E-16
AC007204.2	ERO1LB	0.658285305	7.29E-56
AC007204.2	DNALI1	0.616196329	2.98E-47
AC007204.2	HKDC1	0.312795607	2.03E-11
AC007204.2	ZFP36L2	0.541208024	9.05E-35
AC007204.2	CAPSL	0.627283333	2.16E-49
AC007204.2	CYP7B1	0.609009569	6.55E-46
AC007204.2	CPQ	0.672876971	3.50E-59
AC007204.2	RPS6KA6	0.691200687	1.25E-63
AC007204.2	TLE1	0.458143779	3.64E-24
AC007204.2	TP53INP2	0.662244696	9.56E-57
AC007204.2	KATNAL2	0.616738857	2.35E-47
AC007204.2	SGPP2	0.303228106	8.66E-11
AC007204.2	CTH	0.540403947	1.19E-34
AC007204.2	KIF12	0.387317835	3.67E-17
AC007204.2	TMEM220	0.65709075	1.34E-55
AC007204.2	CENPJ	0.600637474	2.18E-44
AC007204.2	FAM155B	0.625637311	4.54E-49
AC007204.2	WFS1	0.440124896	3.18E-22
AC007204.2	SELENBP1	0.648866166	8.10E-54
AC007204.2	SNTA1	0.343533618	1.32E-13
AC007204.2	FRAS1	0.276297436	3.92E-09
AC007204.2	FBLN7	0.54620297	1.66E-35
AC007204.2	AGPAT9	0.560860306	9.75E-38
AC007204.2	GPR83	0.626969022	2.48E-49
AC007204.2	PRTG	0.598409066	5.44E-44
AC007204.2	EGR3	0.358259604	9.67E-15
AC007204.2	GRAMD2	0.338376835	3.20E-13
AC007204.2	HYOU1	0.545670087	1.99E-35
AC007204.2	FBLN5	0.428546708	4.90E-21
AC007204.2	ITM2A	0.620043527	5.51E-48
AC007204.2	SRF	0.521874875	4.91E-32
AC007204.2	FGFR2	0.552091066	2.18E-36
AC007204.2	MT1A	0.22491904	1.93E-06
AC007204.2	MAMDC2	0.450579448	2.45E-23
AC007204.2	FHL2	0.322034187	4.74E-12
AC007204.2	FTCDNL1	0.407494916	5.44E-19
AC007204.2	PKIA	0.538198801	2.48E-34
AC007204.2	DNAJB4	0.609229134	5.97E-46
AC007204.2	SLC25A33	0.502389393	1.88E-29
AC007204.2	EYA2	0.298799233	1.67E-10
AC007204.2	LPAR1	0.219740477	3.35E-06
AC007204.2	STX11	0.289055286	6.77E-10
AC007204.2	ARHGEF28	0.464540789	6.97E-25
AC007204.2	OR2W3	0.557521454	3.22E-37
AC007204.2	ALDH1B1	0.379616218	1.70E-16
AC007204.2	CXCL12	0.355558736	1.58E-14
AC007204.2	OLFM2	0.582302152	3.29E-41
AC007204.2	TUB	0.503377716	1.41E-29
AC007204.2	HTRA3	0.344617682	1.10E-13

AC007204.2	CKB	0.350836259	3.68E-14
AC007204.2	RGS2	0.134996453	0.004605482
AC007204.2	SHANK2	0.774104346	8.37E-89
AC007204.2	CNTFR	0.644846354	5.75E-53
AC007204.2	CYTH3	0.688097118	7.45E-63
AC007204.2	PLAC9	0.40689778	6.18E-19
AC007204.2	WVOX	0.625850209	4.12E-49
AC007204.2	NPR3	0.51729069	2.06E-31
AC007204.2	SDC2	0.589007232	2.39E-42
AC007204.2	KLF15	0.586051766	7.65E-42
AC007204.2	TMEM164	0.585881277	8.18E-42
AC007204.2	LONRF3	0.501883175	2.19E-29
AC007204.2	GBP1	0.274088461	5.26E-09
AC007204.2	ARHGAP6	0.491149771	4.91E-28
AC007204.2	TMEM119	0.242568642	2.68E-07
AC007204.2	SH3RF1	0.570523973	2.86E-39
AC007204.2	CRELD2	0.427442788	6.32E-21
AC007204.2	PCP4	0.005780584	0.903871334
AC007204.2	GCSH	0.604283547	4.80E-45
AC007204.2	IMPA2	0.539894467	1.41E-34
AC007204.2	C1R	0.123082394	0.009841998
AC007204.2	SUCNR1	0.53368213	1.10E-33
AC007204.2	SFRP1	0.558282837	2.45E-37
AC007204.2	UGT8	0.417769618	5.69E-20
AC007204.2	TLE4	0.447855319	4.82E-23
AC007204.2	ANTXR1	0.518324826	1.49E-31
AC007204.2	GPX3	0.303395332	8.45E-11
AC007204.2	DPY19L2	0.572810392	1.22E-39
AC007204.2	FAM46C	0.451231617	2.09E-23
AC007204.2	IL33	0.387190337	3.76E-17
AC007204.2	PEG3	0.642895236	1.47E-52
AC007204.2	FAHD2A	0.480073546	1.09E-26
AC007204.2	PTGDS	0.126692298	0.007868827
AC007204.2	CHCHD10	0.159357596	0.000805697
AC007204.2	CD36	0.578797775	1.27E-40
AC007204.2	ANKRD37	0.512891177	8.00E-31
AC007204.2	TSPAN33	0.433921495	1.39E-21
AC007204.2	PRDM16	0.668666669	3.32E-58
AC007204.2	UST	0.729094513	5.65E-74
AC007204.2	NEXN	0.600915192	1.94E-44
AC007204.2	NUPR1L	0.167896906	0.00041101
AC007204.2	SLC24A3	0.51521575	3.92E-31
AC007204.2	MARC1	0.664911807	2.39E-57
AC007204.2	MYH11	0.452033849	1.71E-23
AC007204.2	APOA1	0.491198439	4.85E-28
AC007204.2	TMEM178B	0.495058243	1.60E-28
AC007204.2	CAPN6	0.39444048	8.57E-18
AC007204.2	PPM1L	0.635074605	5.98E-51
AC007204.2	FZD8	0.608063939	9.79E-46
AC007204.2	RCAN2	0.64322359	1.26E-52
AC007204.2	COPZ2	0.418916799	4.40E-20

AC007204.2	GAS1	0.346255194	8.24E-14
AC007204.2	DACT1	0.563520325	3.73E-38
AC007204.2	WBSCR17	0.682602478	1.67E-61
AC007204.2	NCS1	0.349367675	4.77E-14
AC007204.2	SPIRE2	0.476747316	2.70E-26
AC007204.2	C15orf52	0.323244627	3.90E-12
AC007204.2	SPAG5	0.513880918	5.90E-31
AC007204.2	ARL4D	0.367467547	1.76E-15
AC007204.2	FAM189A2	0.639813109	6.43E-52
AC007204.2	MAP1LC3A	0.485089342	2.72E-27
AC007204.2	KLF6	0.197605756	3.05E-05
AC007204.2	ADD3	0.54068748	1.08E-34
AC007204.2	TSPAN7	0.538634526	2.14E-34
AC007204.2	KLF9	0.579778439	8.70E-41
AC007204.2	KCNQ1	0.552921099	1.63E-36
AC007204.2	MAN1A1	0.327830656	1.86E-12
AC007204.2	MLF1	0.380279295	1.49E-16
AC007204.2	RARB	0.7227497	4.01E-72
AC007204.2	CDC42EP2	0.509616293	2.17E-30
AC007204.2	FAM3B	0.248096329	1.39E-07
AC007204.2	GADD45B	0.23111215	9.83E-07
AC007204.2	TMEM47	0.630320073	5.39E-50
AC007204.2	SDF2L1	0.325018446	2.93E-12
AC007204.2	CCDC85A	0.446366735	6.96E-23
AC007204.2	CRYBG3	0.283596673	1.45E-09
AC007204.2	FBLN2	0.221228635	2.87E-06
AC007204.2	PEBP4	0.268161784	1.15E-08
AC007204.2	CDADC1	0.657126209	1.31E-55
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AC007204.2	GLUL	0.511059489	1.40E-30
AC007204.2	FREM2	0.469236884	2.03E-25
AC007204.2	ACKR3	0.584562189	1.37E-41
AC007204.2	DENND6A	0.637873199	1.61E-51
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AC007204.2	UTS2R	0.242978626	2.55E-07
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AC007204.2	TTC30A	0.597340322	8.41E-44
AC007204.2	CORO2B	0.690503815	1.87E-63
AC007204.2	TC2N	0.244364019	2.17E-07
AC007204.2	ALDH2	0.515998125	3.08E-31
AC007204.2	GPR183	0.122862404	0.009975349
AC007204.2	C4orf47	0.519864897	9.23E-32
AC007204.2	SLC25A42	0.670760756	1.09E-58
AC007204.2	LGMN	0.491865341	4.01E-28
AC007204.2	ACSF2	0.453162591	1.29E-23
AC007204.2	KIAA1467	0.55601514	5.48E-37
AC007204.2	PRKG1	0.700452858	5.26E-66
AC007204.2	GNAI1	0.600311674	2.49E-44
AC007204.2	ABCC4	0.415870557	8.68E-20
AC007204.2	PRPS1	0.544415677	3.06E-35
AC007204.2	TSPAN5	0.296194956	2.44E-10

AC007204.2	CR2	0.268329758	1.12E-08
AC007204.2	CCDC170	0.492487723	3.35E-28
AC007204.2	RRAD	-0.006610758	0.890147663
AC007204.2	SCGB2A1	0.395709503	6.59E-18
AC007204.2	SESN3	0.397631684	4.42E-18
AC007204.2	SGK223	0.321333084	5.30E-12
AC007204.2	NDRG2	0.66090646	1.91E-56
AC007204.2	C3orf52	0.25414612	6.71E-08
AC007204.2	FLRT3	-0.105848581	0.026576371
AC007204.2	MST1R	-0.499114225	4.93E-29
AC007204.2	SDC1	-0.475760412	3.53E-26
AC007204.2	ST8SIA4	-0.462234938	1.27E-24
AC007204.2	UBTD1	-0.355983964	1.46E-14
AC007204.2	EPHA2	-0.327862286	1.85E-12
AC007204.2	TMEM130	-0.028807462	0.547182509
AC007204.2	SPINK2	-0.493852341	2.27E-28
AC007204.2	MMP16	-0.428536638	4.91E-21
AC007204.2	SIGLEC15	-0.461154704	1.68E-24
AC007204.2	RIN1	-0.432136755	2.12E-21
AC007204.2	IL1RN	-0.548675196	7.11E-36
AC007204.2	FCER1G	-0.264558688	1.82E-08
AC007204.2	CD276	-0.443964577	1.25E-22
AC007204.2	CTSB	-0.403701332	1.23E-18
AC007204.2	FAM171A2	0.019537536	0.683105787
AC007204.2	ASPHD1	-0.51029229	1.77E-30
AC007204.2	C15orf48	-0.408833577	4.07E-19
AC007204.2	DYSF	-0.006978117	0.884085032
AC007204.2	PDZRN4	0.071084656	0.137008431
AC007204.2	EFHD2	-0.115931802	0.015085693
AC007204.2	ASF1B	-0.412718646	1.74E-19
AC007204.2	AQP1	-0.014902431	0.755521128
AC007204.2	ARRDC2	-0.376084312	3.38E-16
AC007204.2	PRSS1	-0.248575443	1.32E-07
AC007204.2	MAPK13	-0.336556636	4.36E-13
AC007204.2	CST5	-0.561846634	6.84E-38
AC007204.2	AHR	-0.346854741	7.42E-14
AC007204.2	BAX	-0.561345958	8.19E-38
AC007204.2	C1orf115	-0.090056829	0.059382221
AC007204.2	PLK3	-0.410074087	3.11E-19
AC007204.2	JAG2	-0.181626353	0.000129969
AC007204.2	RAD23B	-0.306555328	5.26E-11
AC007204.2	CA12	0.242559706	2.68E-07
AC007204.2	ADTRP	-0.181632878	0.000129895
AC007204.2	UCP2	-0.299093971	1.60E-10
AC007204.2	IGFBP2	-0.360322204	6.63E-15
AC007204.2	LOXL2	-0.153406807	0.001263384
AC007204.2	GPX1	-0.522979505	3.46E-32
AC007204.2	P3H3	-0.431335232	2.56E-21
AC007204.2	C2orf81	-0.236915002	5.13E-07
AC007204.2	CDT1	-0.52525174	1.68E-32
AC007204.2	SNX25	0.013068616	0.784815643

AC007204.2	MTHFD1L	-0.499598033	4.28E-29
AC007204.2	CDC42BPG	-0.472915666	7.60E-26
AC007204.2	MSN	-0.38748804	3.54E-17
AC007204.2	SIGLEC6	-0.267659539	1.22E-08
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AC007204.2	TMEM184A	-0.523935773	2.56E-32
AC007204.2	CKS2	-0.39346521	1.05E-17
AC007204.2	TAX1BP3	-0.598516437	5.20E-44
AC007204.2	PMEPA1	-0.354337799	1.97E-14
AC007204.2	CXCL16	-0.531921928	1.96E-33
AC007204.2	FAXC	-0.548716187	7.01E-36
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AC007204.2	SH2D4A	-0.254077755	6.77E-08
AC007204.2	RNF24	-0.294231501	3.24E-10
AC007204.2	LY6G6C	-0.520055569	8.70E-32
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AC007204.2	STAC	-0.556118682	5.29E-37
AC007204.2	RAB34	-0.428619045	4.82E-21
AC007204.2	HES4	-0.351376518	3.34E-14
AC007204.2	EPHA10	-0.516611856	2.54E-31
AC007204.2	ENTPD2	-0.305451407	6.21E-11
AC007204.2	DDB2	-0.525001964	1.82E-32
AC007204.2	NKAIN4	-0.25958828	3.42E-08
AC007204.2	TRIM29	-0.466470061	4.21E-25
AC007204.2	ADCY8	-0.461404628	1.57E-24
AC007204.2	SFTA2	-0.460299424	2.09E-24
AC007204.2	NRIP1	-0.244493092	2.14E-07
AC007204.2	VWA1	-0.028772854	0.547664219
AC007204.2	APLNR	0.006021991	0.899877476
AC007204.2	REN	-0.31903285	7.64E-12
AC007204.2	EDIL3	-0.035193266	0.462031189
AC007204.2	AGRN	-0.326341789	2.37E-12
AC007204.2	TREM1	-0.350711868	3.76E-14
AC007204.2	SRL	-0.244230976	2.20E-07
AC007204.2	RASGRF1	-0.290368843	5.62E-10
AC007204.2	RMI2	-0.421317114	2.56E-20
AC007204.2	SAMD1	-0.480897195	8.68E-27
AC007204.2	MGAT4B	-0.568498109	6.05E-39
AC007204.2	NXN	-0.473038268	7.36E-26
AC007204.2	SH3BGRL3	-0.532309428	1.73E-33
AC007204.2	CA11	-0.163470455	0.000584993
AC007204.2	PLD3	-0.135613304	0.004420636
AC007204.2	LURAP1L	-0.453632499	1.14E-23
AC007204.2	CARNS1	-0.181593872	0.000130337
AC007204.2	PDLIM7	-0.322450621	4.43E-12
AC007204.2	BCL2L1	-0.621888548	2.43E-48
AC007204.2	GGT6	-0.249826887	1.13E-07
AC007204.2	DPYSL3	-0.128853049	0.006864405
AC007204.2	FYN	-0.337876433	3.49E-13
AC007204.2	TK1	-0.442063814	1.99E-22
AC007204.2	AK1	-0.200235138	2.38E-05

AC007204.2	HIGD1B	0.041790692	0.38239202
AC007204.2	TMEM59L	-0.373233238	5.87E-16
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AC007204.2	ZFP36L1	-0.310475005	2.90E-11
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AC007204.2	TCERG1L	0.024795875	0.604367782
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AC007204.2	EBI3	-0.482254012	5.97E-27
AC007204.2	S100A10	-0.523865421	2.61E-32
AC007204.2	S100B	-0.298916532	1.64E-10
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AC007204.2	BHLHE41	-0.281874484	1.84E-09
AC007204.2	FBXO2	-0.360938062	5.92E-15
AC007204.2	SLC30A2	-0.553611705	1.28E-36
AC007204.2	FRMD5	-0.570894027	2.49E-39
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AC007204.2	SIPA1L2	-0.193394745	4.52E-05
AC007204.2	S100A16	-0.643705837	9.98E-53
AC007204.2	PPL	-0.532797774	1.47E-33
AC007204.2	ARHGDIB	-0.116022153	0.015006496
AC007204.2	CDC42EP3	-0.504384904	1.04E-29
AC007204.2	RUNX2	-0.209096998	9.98E-06
AC007204.2	LAMC2	-0.525835117	1.40E-32
AC007204.2	BRINP1	-0.393617543	1.02E-17
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AC007204.2	AQP5	0.030676028	0.521488547
AC007204.2	PLAG1	-0.109382885	0.021895643
AC007204.2	PTPRU	-0.525536124	1.54E-32
AC007204.2	ANGPTL4	-0.512209506	9.85E-31
AC007204.2	PALM3	-0.29740256	2.04E-10
AC007204.2	ACP5	-0.368833867	1.36E-15
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AC007204.2	ETNK2	-0.274075128	5.27E-09
AC007204.2	CD109	-0.311760477	2.38E-11
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AC007204.2	TMEM98	-0.429990613	3.50E-21
AC007204.2	CTHRC1	-0.321212523	5.41E-12
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AC007204.2	C11orf80	-0.560774211	1.01E-37
AC007204.2	SREBF1	-0.410531371	2.81E-19
AC007204.2	PRSS22	-0.528009627	6.95E-33
AC007204.2	CMTM3	-0.486834226	1.67E-27
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AC007204.2	MAP3K6	-0.517708117	1.81E-31

AC007204.2	MANEAL	-0.434523028	1.21E-21
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AC007204.2	C3	-0.303051377	8.89E-11
AC007204.2	NT5E	-0.309674049	3.27E-11
AC007204.2	CACNG4	-0.470021152	1.65E-25
AC007204.2	FHOD1	-0.329900064	1.32E-12
AC007204.2	LEMD1	-0.50770631	3.86E-30
AC007204.2	ATP11A	0.033475899	0.484180701
AC007204.2	PPAP2C	-0.281773495	1.86E-09
AC007204.2	DRAM1	-0.434254246	1.29E-21
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AC007204.2	B3GAT1	-0.326763613	2.21E-12
AC007204.2	SPP1	-0.231857931	9.05E-07
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AC007204.2	SDK1	-0.186156215	8.72E-05
AC007204.2	DOCK9	-0.262540909	2.36E-08
AC007204.2	CSF2	-0.425451562	9.99E-21
AC007204.2	GRHL3	-0.492547862	3.30E-28
AC007204.2	TMEM92	-0.536604048	4.20E-34
AC007204.2	BASP1	-0.517325724	2.04E-31
AC007204.2	HRH1	-0.481347246	7.67E-27
AC007204.2	ESM1	0.028039838	0.557915808
AC007204.2	B4GALNT3	-0.519421088	1.06E-31
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AC007204.2	SEMA3F	-0.157426621	0.000933926
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AC007204.2	KLK6	-0.327603908	1.93E-12
AC007204.2	ST3GAL5	-0.210111561	9.02E-06
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AC007204.2	E2F1	-0.535560625	5.94E-34
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AC007204.2	UNC5CL	-0.529112555	4.87E-33
AC007204.2	ABR	-0.442555564	1.77E-22
AC007204.2	PLP2	-0.502053806	2.08E-29
AC007204.2	SRCIN1	-0.40700118	6.05E-19
AC007204.2	PDE9A	-0.609463449	5.40E-46
AC007204.2	TREM2	-0.313010065	1.96E-11
AC007204.2	KDELR3	-0.307404367	4.63E-11
AC007204.2	PC	-0.411488348	2.28E-19

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AC007204.2	PELI1	-0.369552982	1.18E-15
AC007204.2	SSX1	-0.263762697	2.02E-08
AC007204.2	MROH6	-0.460648912	1.91E-24
AC007204.2	ESPN	-0.328778556	1.59E-12
AC007204.2	BMP1	-0.184491753	0.000101101
AC007204.2	TM4SF4	-0.349669327	4.52E-14
AC007204.2	CORO2A	-0.337051932	4.01E-13
AC007204.2	CD164L2	-0.440833461	2.68E-22
AC007204.2	CTSS	-0.358937161	8.55E-15
AC007204.2	CLU	-0.371664232	7.92E-16
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AC007204.2	PLEKHA4	-0.350441951	3.95E-14
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AC007204.2	SEL1L3	-0.352152936	2.91E-14
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AC007204.2	NPTXR	-0.533175345	1.30E-33
AC007204.2	PDE4C	-0.535325317	6.42E-34
AC007204.2	CDC42EP1	-0.496987373	9.17E-29
AC007204.2	ENDOD1	-0.46198658	1.35E-24
AC007204.2	RYR1	-0.367239472	1.83E-15
AC007204.2	IL1RAP	-0.331271774	1.05E-12
AC007204.2	SLC35F2	-0.481344284	7.68E-27
AC007204.2	ISYNA1	-0.268153841	1.15E-08
AC007204.2	HLA-G	-0.49355505	2.47E-28
AC007204.2	CDKN2B	-0.464375406	7.28E-25
AC007204.2	ALDH1A3	-0.458815096	3.06E-24
AC007204.2	CLIP3	-0.290903711	5.21E-10
AC007204.2	ULBP2	-0.371230068	8.61E-16
AC007204.2	ETHE1	-0.643268411	1.23E-52
AC007204.2	XPR1	-0.315321731	1.37E-11
AC007204.2	SPTBN2	-0.560383165	1.16E-37
AC007204.2	IVL	-0.458634818	3.21E-24
AC007204.2	MARCO	-0.437340344	6.19E-22
AC007204.2	PLXND1	-0.106282603	0.025958679
AC007204.2	EMILIN2	-0.302357224	9.86E-11
AC007204.2	PLAUR	-0.460875994	1.80E-24
AC007204.2	CDC42EP5	-0.51506214	4.11E-31
AC007204.2	TRPC5	-0.002173024	0.963788363
AC007204.2	TMEM100	-0.177447539	0.000186202
AC007204.2	QSOX1	-0.493793053	2.31E-28
AC007204.2	ARHGAP23	-0.326512561	2.30E-12
AC007204.2	MDFI	-0.233689619	7.38E-07
AC007204.2	FSTL3	-0.542560301	5.73E-35
AC007204.2	INF2	-0.394263471	8.89E-18
AC007204.2	TGFBR1	-0.347293161	6.87E-14
AC007204.2	TGFBI	-0.197277544	3.15E-05

AC007204.2	ERBB3	-0.49081234	5.41E-28
AC007204.2	CCL18	-0.303161868	8.75E-11
AC007204.2	CCL17	-0.381223804	1.24E-16
AC007204.2	C16orf45	-0.214553909	5.75E-06
AC007204.2	PRDM1	-0.043556993	0.362584968
AC007204.2	TRIM47	-0.605156698	3.33E-45
AC007204.2	CNFN	-0.56811912	6.96E-39
AC007204.2	ARMCX3	-0.148366047	0.001826898
AC007204.2	RAMP1	-0.244100627	2.24E-07
AC007204.2	GABRD	0.025996387	0.586975831
AC007204.2	COL13A1	-0.054160474	0.257473098
AC007204.2	S100A5	-0.464200521	7.62E-25
AC007204.2	MISP	-0.491183386	4.87E-28
AC007204.2	HES6	-0.263943823	1.97E-08
AC007204.2	PSD3	-0.300682266	1.26E-10
AC007204.2	DOK7	-0.541533966	8.11E-35
AC007204.2	ZMAT3	-0.471246578	1.19E-25
AC007204.2	MFAP2	-0.176528858	0.0002013
AC007204.2	TMEM79	-0.395611352	6.72E-18
AC007204.2	SLC1A5	-0.309616321	3.30E-11
AC007204.2	BBC3	-0.520798045	6.89E-32
AC007204.2	HLA-DQB2	-0.371040148	8.93E-16
AC007204.2	C1QL1	-0.305015967	6.63E-11
AC007204.2	TMEM215	-0.032565156	0.496155678
AC007204.2	PNP	-0.374018733	5.04E-16
AC007204.2	ARNTL	-0.301954264	1.05E-10
AC007204.2	CLDN2	-0.122182723	0.01039754
AC007204.2	MVP	-0.57492689	5.50E-40
AC007204.2	LGALS1	-0.492169582	3.67E-28
AC007204.2	BIRC7	-0.418377546	4.97E-20
AC007204.2	COL8A1	-0.342441896	1.60E-13
AC007204.2	PERP	-0.580943491	5.56E-41
AC007204.2	GJA4	-0.155766414	0.001058973
AC007204.2	IGFL2	-0.372826314	6.34E-16
AC007204.2	DAPK2	-0.339133254	2.82E-13
AC007204.2	MAMLD1	-0.348406726	5.65E-14
AC007204.2	ETV5	-0.083320686	0.081190805
AC007204.2	RUNX1	-0.557142322	3.68E-37
AC007204.2	LONRF2	-0.103822291	0.029630322
AC007204.2	SPOCK1	0.021723251	0.649894668
AC007204.2	XKRX	-0.207253821	1.20E-05
AC007204.2	TGFB1	-0.162554469	0.000628632
AC007204.2	ERP27	-0.171104145	0.000316506
AC007204.2	TNFRSF10C	-0.362164813	4.72E-15
AC007204.2	PALM	-0.481180303	8.03E-27
AC007204.2	TSC22D1	-0.117444073	0.013807328
AC007204.2	TGM2	-0.476442508	2.94E-26
AC007204.2	UBE2QL1	-0.08619417	0.071203354
AC007204.2	ECE1	-0.36977283	1.14E-15
AC007204.2	COL8A2	-0.39766615	4.38E-18
AC007204.2	HIST3H2A	-0.452321212	1.59E-23

AC007204.2	TNFRSF21	-0.467354559	3.33E-25
AC007204.2	SOX4	-0.456504706	5.52E-24
AC007204.2	ELF3	-0.594130257	3.09E-43
AC007204.2	TPD52L1	-0.473227054	6.99E-26
AC007204.2	INHBB	-0.195105021	3.86E-05
AC007204.2	HPN	-0.369296115	1.24E-15
AC007204.2	MMP7	-0.424165767	1.34E-20
AC007204.2	RAB27A	-0.320182925	6.37E-12
AC007204.2	IGF2BP2	-0.259121209	3.63E-08
AC007204.2	ITGB4	-0.428228567	5.27E-21
AC007204.2	PPP1R1B	-0.35199422	2.99E-14
AC007204.2	NPDC1	-0.308958338	3.65E-11
AC007204.2	CCL13	-0.426339089	8.15E-21
AC007204.2	SPINT1	-0.634894897	6.50E-51
AC007204.2	HEY2	-0.045244716	0.344269139
AC007204.2	CST2	-0.540254389	1.25E-34
AC007204.2	ADM	-0.313200978	1.90E-11
AC007204.2	VSTM2L	-0.549973576	4.54E-36
AC007204.2	FAM84A	-0.44615483	7.33E-23
AC007204.2	P4HA2	-0.31898993	7.69E-12
AC007204.2	LPL	-0.179907142	0.000150835
AC007204.2	TMEM173	-0.345392256	9.58E-14
AC007204.2	DHRS3	-0.364005863	3.36E-15
AC007204.2	SCN1B	-0.532331696	1.71E-33
AC007204.2	GLT1D1	-0.140348404	0.003210392
AC007204.2	PHYHIP	-0.387643493	3.43E-17
AC007204.2	BHLHE40	-0.437887411	5.44E-22
AC007204.2	BID	-0.504723753	9.42E-30
AC007204.2	POSTN	-0.236273897	5.52E-07
AC007204.2	ITGA3	-0.609021909	6.52E-46
AC007204.2	RSPO4	-0.394579768	8.33E-18
AC007204.2	ADAMTS9	0.055861956	0.242801473
AC007204.2	ABTB2	-0.501507164	2.44E-29
AC007204.2	KCNQ3	-0.551379894	2.79E-36
AC007204.2	ANXA1	-0.286346192	9.90E-10
AC007204.2	S100A11	-0.617712429	1.54E-47
AC007204.2	CEACAM6	-0.505464593	7.55E-30
AC007204.2	IER5L	-0.529347721	4.52E-33
AC007204.2	KRT80	-0.550844032	3.36E-36
AC007204.2	CDH6	-0.459305995	2.70E-24
AC007204.2	UNC5B	-0.332917939	8.02E-13
AC007204.2	PLEKHN1	-0.534162534	9.41E-34
AC007204.2	SYTL1	-0.458970266	2.94E-24
AC007204.2	TMEM163	-0.412546739	1.81E-19
AC007204.2	C4orf48	-0.303991191	7.73E-11
AC007204.2	B3GNT7	-0.151757238	0.001427207
AC007204.2	BAIAP3	-0.312406121	2.15E-11
AC007204.2	PHLDA2	-0.508371528	3.16E-30
AC007204.2	GAP43	-0.36709114	1.89E-15
AC007204.2	S100A1	-0.589665925	1.84E-42
AC007204.2	PTPRE	-0.440564734	2.86E-22

AC007204.2	CCND1	-0.382426146	9.75E-17
AC007204.2	ST6GALNAC5	-0.610883391	2.95E-46
AC007204.2	KRT17	-0.192926824	4.72E-05
AC007204.2	HPCAL4	-0.089338706	0.061447979
AC007204.2	GABBR2	-0.039542427	0.408539254
AC007204.2	DIRAS3	-0.20369824	1.70E-05
AC007204.2	SERINC2	-0.533873327	1.03E-33
AC007204.2	PTCHD4	-0.326834532	2.18E-12
AC007204.2	EPS8	-0.16401965	0.000560194
AC007204.2	LY6E	-0.515225963	3.90E-31
AC007204.2	UPP1	-0.63917243	8.71E-52
AC007204.2	AHNAK2	-0.560589255	1.08E-37
AC007204.2	PLXNC1	-0.175099705	0.000227085
AC007204.2	TNC	-0.456857456	5.05E-24
AC007204.2	DUSP4	-0.283942899	1.38E-09
AC007204.2	NRCAM	-0.270981938	7.94E-09
AC007204.2	NRP2	-0.151462925	0.001458411
AC007204.2	CTSC	-0.407396906	5.55E-19
AC007204.2	AMIGO2	-0.116624394	0.014487868
AC007204.2	NAB2	-0.308624027	3.84E-11
AC007204.2	TBC1D2	-0.594641014	2.51E-43
AC007204.2	PHLDA3	-0.613329086	1.03E-46
AC007204.2	PTP4A3	-0.410296063	2.96E-19
AC007204.2	CRABP2	-0.223988224	2.14E-06
AC007204.2	GOS2	-0.306579299	5.24E-11
AC007204.2	S100A6	-0.686084587	2.35E-62
AC007204.2	FOXQ1	-0.378068191	2.30E-16
AC007204.2	LRG1	-0.376024456	3.42E-16
AC007204.2	LAMP5	-0.275225713	4.52E-09
AC007204.2	ALDH3B1	-0.581516798	4.46E-41
AC007204.2	CDH2	0.028421806	0.552562197
AC007204.2	SCG5	-0.106771942	0.025277134
AC007204.2	ZCCHC16	-0.010252255	0.830389699
AC007204.2	GRB7	-0.510615679	1.60E-30
AC007204.2	TIAM1	-0.239722816	3.72E-07
AC007204.2	FXYD5	-0.284679177	1.25E-09
AC007204.2	CLDN9	-0.436225786	8.08E-22
AC007204.2	FAM43A	-0.443493109	1.41E-22
AC007204.2	CHST2	-0.296821877	2.23E-10
AC007204.2	HMGA2	-0.207174392	1.21E-05
AC007204.2	GALNT7	-0.27872697	2.82E-09
AC007204.2	CBLN1	-0.324295784	3.30E-12
AC007204.2	STRA6	-0.43129183	2.58E-21
AC007204.2	MUC21	-0.494940248	1.66E-28
AC007204.2	PRR36	-0.376938598	2.87E-16
AC007204.2	NFE2L3	-0.418850703	4.47E-20
AC007204.2	NR1D1	-0.409714671	3.36E-19
AC007204.2	MUC1	-0.666621515	9.76E-58
AC007204.2	NAT8L	-0.044562904	0.351596402
AC007204.2	APOC1	-0.114985463	0.015937498
AC007204.2	EVA1A	-0.565697388	1.69E-38

AC007204.2	ENTPD1	-0.156623821	0.000992584
AC007204.2	COL1A1	-0.285001289	1.19E-09
AC007204.2	FNDC4	-0.358838301	8.70E-15
AC007204.2	FRMD3	0.133970259	0.004928493
AC007204.2	SHROOM4	-0.19858103	2.78E-05
AC007204.2	NELL2	-0.102669011	0.031499278
AC007204.2	EPHB3	-0.550207324	4.19E-36
AC007204.2	TMC6	-0.551367412	2.80E-36
AC007204.2	NOD1	-0.22507172	1.90E-06
AC007204.2	GGCT	-0.453199611	1.27E-23
AC007204.2	ICAM1	-0.371077309	8.86E-16
AC007204.2	PRSS23	-0.318030968	8.95E-12
AC007204.2	CFI	-0.361542147	5.30E-15
AC007204.2	CD55	-0.547360789	1.12E-35
AC007204.2	RASD2	-0.386559856	4.27E-17
AC007204.2	KLK11	-0.191046559	5.61E-05
AC007204.2	ICAM5	-0.268277524	1.13E-08
AC007204.2	ADORA1	-0.458676804	3.17E-24
AC007204.2	ITGA2	-0.395688937	6.62E-18
AC007204.2	ABCC3	-0.296809963	2.23E-10
AC007204.2	MFGE8	-0.441864107	2.09E-22
AC007204.2	STK32A	-0.177864825	0.0001797
AC007204.2	CYSLTR2	-0.1412451	0.003018398
AC007204.2	LAD1	-0.57066652	2.71E-39
AC007204.2	MGAT3	-0.547064207	1.24E-35
AC007204.2	IGFBP6	-0.306002446	5.72E-11
AC007204.2	CYP2S1	-0.567806652	7.80E-39
AC007204.2	KCNJ2	-0.221066515	2.92E-06
AC007204.2	FAM20A	-0.351382333	3.34E-14
AC007204.2	TGFA	-0.233328501	7.68E-07
AC007204.2	MXRA8	-0.417462115	6.09E-20
AC007204.2	C8orf4	-0.320692121	5.87E-12
AC007204.2	CLDN10	-0.341380355	1.92E-13
AC007204.2	PDE5A	-0.321589526	5.09E-12
AC007204.2	APOE	-0.098301837	0.039516415
AC007204.2	SPOCK2	-0.514245015	5.28E-31
AC007204.2	TENM1	0.052994713	0.26787241
AC007204.2	SLIT1	-0.032757067	0.493619296
AC007204.2	CXCL14	-0.137274078	0.003955806
AC007204.2	ECM1	0.001416388	0.976392417
AC007204.2	DUSP5	-0.571734555	1.82E-39
AC007204.2	SEZ6L2	-0.405557417	8.25E-19
AC007204.2	THRSP	-0.191315125	5.47E-05
AC007204.2	C19orf33	-0.648111875	1.17E-53
AC007204.2	MPZL2	-0.363904024	3.42E-15
AC007204.2	CTSH	-0.44182808	2.11E-22
AC007204.2	CYP1B1	-0.409710558	3.36E-19
AC007204.2	ALOX5	-0.543607913	4.02E-35
AC007204.2	SYTL5	-0.324669183	3.10E-12
AC007204.2	TNFRSF12A	-0.467325908	3.36E-25
AC007204.2	DUSP6	-0.361418465	5.42E-15

AC007204.2	ALOX15B	-0.51343484	6.77E-31
AC007204.2	SDC4	-0.407941562	4.94E-19
AC007204.2	MDK	-0.323375685	3.82E-12
AC007204.2	KRT19	-0.673715371	2.22E-59
AC007204.2	MET	-0.463865643	8.31E-25
AC007204.2	TESC	-0.078721892	0.09950434
AC007204.2	CXCL17	-0.595702333	1.64E-43
AC007204.2	NPC2	-0.328619982	1.63E-12
AC007204.2	COMP	-0.324961144	2.96E-12
AC007204.2	TUSC3	-0.252884193	7.83E-08
AC007204.2	TMPRSS4	-0.607029661	1.51E-45
AC007204.2	LGALS3	-0.589806202	1.74E-42
AC007204.2	CRLF1	-0.449771401	3.00E-23
AC007204.2	CTXN1	-0.5297182	4.01E-33
AC007204.2	PCSK1N	-0.224583516	2.00E-06
AC007204.2	NMU	-0.416386904	7.74E-20
AC007204.2	GALE	-0.489222768	8.49E-28
AC007204.2	PCSK2	-0.055923513	0.242281883
AC007204.2	GJB3	-0.433718242	1.46E-21
AC007204.2	SLPI	-0.609445577	5.45E-46
AC007204.2	AGR2	-0.264073037	1.94E-08
AC007204.2	MRC2	-0.41103688	2.52E-19
AC007204.2	GOLT1A	-0.353836972	2.15E-14
AC007204.2	SLC27A6	-0.373767553	5.29E-16
AC007204.2	KCNN4	-0.561861962	6.80E-38
AC007204.2	ETV4	-0.320914959	5.67E-12
AC007204.2	SYT12	-0.481556881	7.24E-27
AC007204.2	PVRL4	-0.565092735	2.11E-38
AC007204.2	PLCD3	-0.55328633	1.43E-36
AC007204.2	PLAU	-0.462466275	1.20E-24
AC007204.2	LRRK2	0.009617144	0.840751992
AC007204.2	SFN	-0.581085896	5.26E-41
AC007204.2	LPAR5	-0.409343057	3.64E-19
AC007204.2	NGEF	-0.518973449	1.22E-31
AC007204.2	DTX4	-0.359323243	7.96E-15
AC007204.2	CST6	-0.446901321	6.10E-23
AC007204.2	QPCT	-0.275133235	4.58E-09
AC007204.2	TIMP1	-0.453647533	1.14E-23
AC007204.2	CAMK2N1	-0.356552165	1.32E-14
AC007204.2	KLHDC8A	-0.059899642	0.210357302
AC007204.2	PDLIM4	-0.615973361	3.28E-47
AC007204.2	SCEL	-0.385387995	5.40E-17
AC007204.2	LCN2	-0.676490846	4.92E-60
AC007204.2	PROS1	-0.550835522	3.37E-36
AC007204.2	GABRB2	-0.409279514	3.69E-19
AC007204.2	TMPRSS6	-0.55925187	1.74E-37
AC007204.2	KLK7	-0.416492774	7.56E-20
AC007204.2	PDZK1IP1	-0.479227344	1.37E-26
AC007204.2	CDH3	-0.312458885	2.14E-11
AC007204.2	LRP4	-0.044273414	0.354737032
AC007204.2	IGSF1	-0.171391791	0.000309105

AC007204.2	B3GNT3	-0.666264085	1.18E-57
AC007204.2	CLDN1	-0.480488562	9.72E-27
AC007204.2	GDF15	-0.673895647	2.02E-59
AC007204.2	ARHGAP36	-0.111799136	0.019123057
AC007204.2	LAMB3	-0.516039258	3.04E-31
AC007204.2	KLK10	-0.378422501	2.15E-16
AC007204.2	DPP4	-0.4267397	7.43E-21
AC007204.2	METTL7B	-0.369820771	1.13E-15
AC007204.2	LIPH	-0.511834063	1.10E-30
AC007204.2	CLDN16	-0.441860277	2.09E-22
AC007204.2	CHI3L1	-0.45703688	4.82E-24
AC007204.2	SLC22A31	-0.40580301	7.83E-19
AC007204.2	TACSTD2	-0.525436696	1.59E-32
AC007204.2	SFTPB	-0.459053241	2.88E-24
AC007204.2	RXRG	-0.129271753	0.006683611
AC007204.2	DCSTAMP	-0.515689844	3.38E-31
AC007204.2	CITED1	-0.300964806	1.21E-10
AC007204.2	SERPINA1	-0.546003547	1.78E-35
AC007204.2	PRR15	-0.191803897	5.23E-05
AC007204.2	SLC34A2	-0.607996708	1.01E-45
AC007204.2	FN1	-0.602595256	9.69E-45
AC007204.2	ZCCHC12	-0.062295275	0.19265152
AF131216.5	TFF3	0.839520106	7.57E-118
AF131216.5	CCL21	0.470337925	1.51E-25
AF131216.5	TPO	0.807778523	2.35E-102
AF131216.5	MT1G	0.759613265	1.13E-83
AF131216.5	DIO1	0.759253848	1.50E-83
AF131216.5	DPT	0.377295884	2.67E-16
AF131216.5	CDH16	0.754678163	5.22E-82
AF131216.5	CRABP1	0.706745169	1.13E-67
AF131216.5	SLC26A7	0.764698999	1.97E-85
AF131216.5	MT1H	0.706623639	1.22E-67
AF131216.5	SLC26A4	0.768978811	6.03E-87
AF131216.5	SLC5A8	0.751806132	4.66E-81
AF131216.5	PKHD1L1	0.743734582	1.87E-78
AF131216.5	TFCP2L1	0.703344534	9.12E-67
AF131216.5	WSCD2	0.830968171	2.34E-113
AF131216.5	IPCEF1	0.691796389	8.82E-64
AF131216.5	SLC5A5	0.621728782	2.61E-48
AF131216.5	MT1F	0.78723276	8.58E-94
AF131216.5	FOSB	0.480849778	8.80E-27
AF131216.5	SEMA3D	0.759242245	1.51E-83
AF131216.5	BMP8A	0.707906603	5.50E-68
AF131216.5	MATN2	0.759146477	1.63E-83
AF131216.5	PLA2R1	0.701577661	2.67E-66
AF131216.5	COL23A1	0.724935216	9.37E-73
AF131216.5	HGD	0.82874597	3.12E-112
AF131216.5	TCEAL2	0.594276989	2.91E-43
AF131216.5	CHRDL1	0.396068768	6.12E-18
AF131216.5	TNFRSF11B	0.571381684	2.08E-39
AF131216.5	FAM167A	0.805081053	3.57E-101

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AF131216.5	SMOC2	0.534006306	9.90E-34
AF131216.5	FHL1	0.807528889	3.03E-102
AF131216.5	OTOS	0.733139252	3.50E-75
AF131216.5	IGFBPL1	0.729151729	5.43E-74
AF131216.5	HBB	0.459485895	2.58E-24
AF131216.5	BEX1	0.64097451	3.70E-52
AF131216.5	FABP4	0.660999397	1.82E-56
AF131216.5	LMOD1	0.75422102	7.41E-82
AF131216.5	SOD3	0.691981629	7.92E-64
AF131216.5	TMEM171	0.650759612	3.19E-54
AF131216.5	PI16	0.473590665	6.34E-26
AF131216.5	ZMAT4	0.83195061	7.34E-114
AF131216.5	MFAP4	0.340465029	2.24E-13
AF131216.5	CWH43	0.694571965	1.74E-64
AF131216.5	SPX	0.809203141	5.48E-103
AF131216.5	APOD	0.258854717	3.75E-08
AF131216.5	DPP6	0.744359752	1.18E-78
AF131216.5	MMRN1	0.512054222	1.03E-30
AF131216.5	WDR72	0.619983802	5.65E-48
AF131216.5	MPPED2	0.859939776	1.00E-129
AF131216.5	PAPSS2	0.56651665	1.25E-38
AF131216.5	DCN	0.169015121	0.000375422
AF131216.5	SORBS2	0.804182795	8.76E-101
AF131216.5	EGR2	0.44185972	2.09E-22
AF131216.5	EDN3	0.641113288	3.46E-52
AF131216.5	DIO2	0.689177781	4.01E-63
AF131216.5	ITPR1	0.787168082	9.10E-94
AF131216.5	CFD	0.363171407	3.92E-15
AF131216.5	CPXM1	0.523981073	2.52E-32
AF131216.5	ELMO1	0.787019436	1.04E-93
AF131216.5	GPC3	0.604082111	5.22E-45
AF131216.5	MYOC	0.349006476	5.09E-14
AF131216.5	DEPTOR	0.725925527	4.82E-73
AF131216.5	DGKI	0.71177778	4.86E-69
AF131216.5	CARTPT	0.71988262	2.65E-71
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AF131216.5	LYVE1	0.475477249	3.81E-26
AF131216.5	CLCNKB	0.785485461	4.15E-93
AF131216.5	NCAM1	0.494476555	1.90E-28
AF131216.5	HBA2	0.43627344	7.99E-22
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AF131216.5	OGDHL	0.637517499	1.90E-51
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AF131216.5	CSGALNACT1	0.534985838	7.18E-34
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AF131216.5	COL9A3	0.756457376	1.32E-82
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AF131216.5	EFEMP1	0.494400955	1.94E-28
AF131216.5	AOX1	0.625328767	5.21E-49

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AF131216.5	C11orf74	0.77335876	1.57E-88
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AF131216.5	ANGPTL1	0.699744267	8.06E-66
AF131216.5	SCARA5	0.360992305	5.86E-15
AF131216.5	LTF	0.665636121	1.64E-57
AF131216.5	CA4	0.720034764	2.40E-71
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AF131216.5	KHDRBS2	0.72405185	1.69E-72
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AF131216.5	MAFB	0.602143736	1.17E-44
AF131216.5	KCNK2	0.620295278	4.93E-48
AF131216.5	TBC1D4	0.661165112	1.67E-56
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AF131216.5	TPPP	0.689121755	4.14E-63
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AF131216.5	CITED2	0.484853857	2.90E-27
AF131216.5	RGS8	0.783286331	2.95E-92
AF131216.5	ABI3BP	0.370804972	9.33E-16
AF131216.5	ADH1B	0.445836317	7.93E-23
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AF131216.5	NR4A1	0.446674118	6.46E-23
AF131216.5	FOXJ1	0.757507915	5.86E-83
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AF131216.5	OCA2	0.638163698	1.40E-51
AF131216.5	TMEM139	0.484950307	2.82E-27
AF131216.5	ARHGAP24	0.740215678	2.38E-77
AF131216.5	SLC25A15	0.637381477	2.03E-51
AF131216.5	DES	0.338836248	2.96E-13
AF131216.5	GDF10	0.590584205	1.28E-42
AF131216.5	KIAA1324	0.707689449	6.29E-68
AF131216.5	JUN	0.522213066	4.41E-32
AF131216.5	C7	0.14890792	0.001756822
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AF131216.5	CDON	0.792135949	9.52E-96
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AF131216.5	SCUBE3	0.649838518	5.02E-54
AF131216.5	PKNOX2	0.761479424	2.59E-84
AF131216.5	SMAD9	0.565176141	2.05E-38
AF131216.5	IQGAP2	0.698517796	1.68E-65
AF131216.5	GNA14	0.837343606	1.11E-116

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AF131216.5	AVPR1A	0.707857669	5.67E-68
AF131216.5	PDLIM3	0.565856962	1.60E-38
AF131216.5	GPM6A	0.639543084	7.30E-52
AF131216.5	SDPR	0.580167681	7.49E-41
AF131216.5	CRYAB	0.319542687	7.05E-12
AF131216.5	FOXA2	0.620001345	5.61E-48
AF131216.5	C8orf88	0.614586451	5.99E-47
AF131216.5	ISM1	0.564078601	3.05E-38
AF131216.5	BMP2	0.429591607	3.84E-21
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AF131216.5	NUPR1	0.409407246	3.59E-19
AF131216.5	SERTM1	0.586107701	7.48E-42
AF131216.5	IRS1	0.679372396	1.01E-60
AF131216.5	FIBIN	0.28512647	1.17E-09
AF131216.5	PODN	0.246835955	1.62E-07
AF131216.5	TDRD9	0.517534406	1.91E-31
AF131216.5	EPHA3	0.45665836	5.31E-24
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AF131216.5	SYNDIG1	0.639453301	7.62E-52
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AF131216.5	BTBD11	0.805569259	2.19E-101

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AF131216.5	FLRT1	0.847163174	4.35E-122
AF131216.5	PGF	0.755680672	2.41E-82
AF131216.5	DUSP1	0.435729209	9.09E-22
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AF131216.5	GLDC	0.61830189	1.19E-47
AF131216.5	ZBTB16	0.435925938	8.67E-22
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AF131216.5	GATM	0.593700986	3.67E-43
AF131216.5	TNS3	0.490046537	6.73E-28
AF131216.5	TOB1	0.500151625	3.64E-29
AF131216.5	MARC2	0.736047067	4.59E-76
AF131216.5	LRRC2	0.591525195	8.78E-43
AF131216.5	SORD	0.444547403	1.09E-22
AF131216.5	RIMS4	0.684254026	6.61E-62
AF131216.5	SLC29A4	0.77321054	1.78E-88
AF131216.5	SLC39A14	0.625831205	4.16E-49
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AF131216.5	CGNL1	0.675573273	8.12E-60
AF131216.5	ATF3	0.197725632	3.02E-05
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AF131216.5	LDHD	0.758063546	3.80E-83
AF131216.5	RCAN1	0.505208849	8.15E-30
AF131216.5	ID3	0.57588489	3.83E-40
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AF131216.5	MT1E	0.565223231	2.01E-38
AF131216.5	CAMK1D	0.616525514	2.58E-47
AF131216.5	PRKCQ	0.680934881	4.24E-61
AF131216.5	NUAK2	0.457792636	3.98E-24
AF131216.5	LIPG	0.677254475	3.24E-60
AF131216.5	SLC25A25	0.424423749	1.26E-20
AF131216.5	PRKX	0.301732122	1.08E-10
AF131216.5	SRPX	0.320764335	5.81E-12
AF131216.5	FAM189A1	0.704854822	3.62E-67
AF131216.5	PLEKHH1	0.646556393	2.51E-53
AF131216.5	WNT11	0.656623609	1.69E-55
AF131216.5	SNAI1	0.520872274	6.73E-32
AF131216.5	FDCSP	0.068470482	0.152084619
AF131216.5	MT1X	0.518603437	1.37E-31

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AF131216.5	ARC	0.316643807	1.11E-11
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AF131216.5	ZFPM2	0.443523618	1.40E-22
AF131216.5	AKAP12	0.428821428	4.59E-21
AF131216.5	GJB6	0.516721608	2.46E-31
AF131216.5	ERO1LB	0.717178252	1.54E-70
AF131216.5	DNALI1	0.667319026	6.76E-58
AF131216.5	HKDC1	0.475760782	3.53E-26
AF131216.5	ZFP36L2	0.562169181	6.09E-38
AF131216.5	CAPSL	0.789920643	7.38E-95
AF131216.5	CYP7B1	0.5597317	1.46E-37
AF131216.5	CPQ	0.679419061	9.84E-61
AF131216.5	RPS6KA6	0.721561914	8.80E-72
AF131216.5	TLE1	0.587408922	4.49E-42
AF131216.5	TP53INP2	0.747078497	1.60E-79
AF131216.5	KATNAL2	0.828532788	3.99E-112
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AF131216.5	CTH	0.603912736	5.60E-45
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AF131216.5	TMEM220	0.720431442	1.85E-71
AF131216.5	CENPJ	0.623184654	1.36E-48
AF131216.5	FAM155B	0.598531128	5.17E-44
AF131216.5	WFS1	0.727442481	1.73E-73
AF131216.5	SELENBP1	0.687639692	9.68E-63
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AF131216.5	FRAS1	0.282660621	1.65E-09
AF131216.5	FBLN7	0.702165295	1.87E-66
AF131216.5	AGPAT9	0.616716428	2.37E-47
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AF131216.5	GRAMD2	0.527953381	7.08E-33
AF131216.5	HYOU1	0.646054003	3.20E-53
AF131216.5	FBLN5	0.430053005	3.45E-21
AF131216.5	ITM2A	0.673617898	2.34E-59
AF131216.5	SRF	0.571581391	1.93E-39
AF131216.5	FGFR2	0.481239832	7.90E-27
AF131216.5	MT1A	0.361270156	5.57E-15
AF131216.5	MAMDC2	0.356102923	1.43E-14
AF131216.5	FHL2	0.451141297	2.13E-23
AF131216.5	FTCDNL1	0.564115337	3.01E-38
AF131216.5	PKIA	0.514758216	4.51E-31
AF131216.5	DNAJB4	0.523383085	3.05E-32
AF131216.5	SLC25A33	0.699930216	7.20E-66
AF131216.5	EYA2	0.392365442	1.31E-17
AF131216.5	LPAR1	0.275033438	4.64E-09
AF131216.5	STX11	0.299200744	1.57E-10
AF131216.5	ARHGEF28	0.51131936	1.29E-30
AF131216.5	OR2W3	0.675852977	6.97E-60
AF131216.5	ALDH1B1	0.531214887	2.47E-33

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AF131216.5	TUB	0.521645857	5.28E-32
AF131216.5	HTRA3	0.37574135	3.62E-16
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AF131216.5	CYTH3	0.698071574	2.19E-65
AF131216.5	PLAC9	0.536470879	4.39E-34
AF131216.5	WVOX	0.748141429	7.28E-80
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AF131216.5	SDC2	0.532244823	1.76E-33
AF131216.5	KLF15	0.644947811	5.48E-53
AF131216.5	TMEM164	0.690629632	1.74E-63
AF131216.5	LONRF3	0.28154762	1.92E-09
AF131216.5	GBP1	0.209391786	9.69E-06
AF131216.5	ARHGAP6	0.521326864	5.83E-32
AF131216.5	TMEM119	0.185119661	9.56E-05
AF131216.5	SH3RF1	0.514820058	4.42E-31
AF131216.5	CRELD2	0.675410301	8.87E-60
AF131216.5	PCP4	0.083266268	0.081390357
AF131216.5	GCSH	0.803824938	1.25E-100
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AF131216.5	C1R	0.0808468	0.090670878
AF131216.5	SUCNR1	0.470768519	1.35E-25
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AF131216.5	TLE4	0.327694385	1.90E-12
AF131216.5	ANTXR1	0.467902404	2.89E-25
AF131216.5	GPX3	0.539901508	1.40E-34
AF131216.5	DPY19L2	0.696726243	4.88E-65
AF131216.5	FAM46C	0.505202892	8.17E-30
AF131216.5	IL33	0.364903471	2.84E-15
AF131216.5	PEG3	0.660809808	2.00E-56
AF131216.5	FAHD2A	0.728457898	8.71E-74
AF131216.5	PTGDS	0.117332997	0.01389787
AF131216.5	CHCHD10	0.518594076	1.37E-31
AF131216.5	CD36	0.664499292	2.97E-57
AF131216.5	ANKRD37	0.661116887	1.71E-56
AF131216.5	TSPAN33	0.643138954	1.31E-52
AF131216.5	PRDM16	0.631650098	2.93E-50
AF131216.5	UST	0.670274924	1.41E-58
AF131216.5	NEXN	0.601852968	1.32E-44
AF131216.5	NUPR1L	0.314344871	1.59E-11
AF131216.5	SLC24A3	0.626272887	3.40E-49
AF131216.5	MARC1	0.725040034	8.73E-73
AF131216.5	MYH11	0.436697677	7.22E-22
AF131216.5	APOA1	0.708998991	2.79E-68
AF131216.5	TMEM178B	0.578528604	1.40E-40
AF131216.5	CAPN6	0.335456977	5.25E-13

AF131216.5	PPM1L	0.715504425	4.53E-70
AF131216.5	FZD8	0.757254362	7.14E-83
AF131216.5	RCAN2	0.740882316	1.47E-77
AF131216.5	COPZ2	0.697684073	2.76E-65
AF131216.5	GAS1	0.29010852	5.83E-10
AF131216.5	DACT1	0.549913834	4.64E-36
AF131216.5	WBSCR17	0.717074852	1.65E-70
AF131216.5	NCS1	0.510878103	1.48E-30
AF131216.5	SPIRE2	0.60265038	9.47E-45
AF131216.5	C15orf52	0.454328817	9.58E-24
AF131216.5	SPAG5	0.608981165	6.63E-46
AF131216.5	ARL4D	0.590284966	1.44E-42
AF131216.5	FAM189A2	0.581216571	5.01E-41
AF131216.5	MAP1LC3A	0.76675976	3.71E-86
AF131216.5	KLF6	0.084252749	0.077833967
AF131216.5	ADD3	0.439852432	3.39E-22
AF131216.5	TSPAN7	0.609945236	4.40E-46
AF131216.5	KLF9	0.449217268	3.44E-23
AF131216.5	KCNQ1	0.712662706	2.78E-69
AF131216.5	MAN1A1	0.180484688	0.000143498
AF131216.5	MLF1	0.405891372	7.68E-19
AF131216.5	RARB	0.676505147	4.88E-60
AF131216.5	CDC42EP2	0.606116894	2.22E-45
AF131216.5	FAM3B	0.280361573	2.26E-09
AF131216.5	GADD45B	0.296535613	2.32E-10
AF131216.5	TMEM47	0.612353783	1.57E-46
AF131216.5	SDF2L1	0.618423587	1.12E-47
AF131216.5	CCDC85A	0.340731826	2.14E-13
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AF131216.5	CDADC1	0.767329664	2.33E-86
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AF131216.5	GLUL	0.374451194	4.64E-16
AF131216.5	FREM2	0.476352387	3.01E-26
AF131216.5	ACKR3	0.647121474	1.90E-53
AF131216.5	DENND6A	0.696825246	4.60E-65
AF131216.5	CLDN8	0.210219125	8.92E-06
AF131216.5	UTS2R	0.243812337	2.31E-07
AF131216.5	SCNN1B	0.519629775	9.94E-32
AF131216.5	TTC30A	0.653031001	1.03E-54
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AF131216.5	TC2N	0.328441728	1.68E-12
AF131216.5	ALDH2	0.690598853	1.77E-63
AF131216.5	GPR183	0.029203964	0.541678591
AF131216.5	C4orf47	0.647359336	1.70E-53
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AF131216.5	LGMN	0.652991003	1.05E-54
AF131216.5	ACSF2	0.729950172	3.15E-74
AF131216.5	KIAA1467	0.665271456	1.98E-57
AF131216.5	PRKG1	0.70447186	4.58E-67

AF131216.5	GNAI1	0.673124444	3.06E-59
AF131216.5	ABCC4	0.38839895	2.95E-17
AF131216.5	PRPS1	0.705139065	3.04E-67
AF131216.5	TSPAN5	0.47872902	1.57E-26
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AF131216.5	CCDC170	0.562304494	5.80E-38
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AF131216.5	SCGB2A1	0.574473888	6.53E-40
AF131216.5	SESN3	0.282586581	1.67E-09
AF131216.5	SGK223	0.346257257	8.24E-14
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AF131216.5	SPINK2	-0.449727742	3.03E-23
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AF131216.5	SIGLEC15	-0.582974224	2.54E-41
AF131216.5	RIN1	-0.547629679	1.02E-35
AF131216.5	IL1RN	-0.584565927	1.37E-41
AF131216.5	FCER1G	-0.330100804	1.28E-12
AF131216.5	CD276	-0.62221803	2.10E-48
AF131216.5	CTSB	-0.502691513	1.72E-29
AF131216.5	FAM171A2	-0.107802777	0.023891746
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AF131216.5	C15orf48	-0.448658711	3.96E-23
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AF131216.5	PDZRN4	-0.127994514	0.007248869
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AF131216.5	ARRDC2	-0.476780737	2.68E-26
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AF131216.5	RAD23B	-0.571056734	2.34E-39
AF131216.5	CA12	0.231767114	9.14E-07
AF131216.5	ADTRP	-0.354298605	1.98E-14
AF131216.5	UCP2	-0.319289506	7.34E-12
AF131216.5	IGFBP2	-0.27412128	5.24E-09
AF131216.5	LOXL2	-0.233834541	7.26E-07
AF131216.5	GPX1	-0.355480681	1.60E-14

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AF131216.5	TAX1BP3	-0.539676979	1.51E-34
AF131216.5	PMEPA1	-0.483533348	4.19E-27
AF131216.5	CXCL16	-0.64842085	1.01E-53
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AF131216.5	VTCN1	-0.616913111	2.18E-47
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AF131216.5	NKAIN4	-0.297364229	2.06E-10
AF131216.5	TRIM29	-0.494718388	1.77E-28
AF131216.5	ADCY8	-0.643942775	8.90E-53
AF131216.5	SFTA2	-0.441757738	2.14E-22
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AF131216.5	MGAT4B	-0.658124395	7.91E-56
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AF131216.5	SDK1	-0.433282508	1.62E-21
AF131216.5	DOCK9	-0.595984716	1.46E-43
AF131216.5	CSF2	-0.611155901	2.63E-46
AF131216.5	GRHL3	-0.635878281	4.11E-51
AF131216.5	TMEM92	-0.709926773	1.56E-68
AF131216.5	BASP1	-0.615999155	3.25E-47
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AF131216.5	CTSS	-0.495371267	1.46E-28
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AF131216.5	VASN	-0.627683605	1.80E-49
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AF131216.5	CDC42EP1	-0.611590271	2.18E-46
AF131216.5	ENDOD1	-0.706028104	1.76E-67
AF131216.5	RYR1	-0.535123562	6.86E-34
AF131216.5	IL1RAP	-0.603905077	5.62E-45
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AF131216.5	ISYNA1	-0.334420047	6.24E-13
AF131216.5	HLA-G	-0.56069336	1.04E-37
AF131216.5	CDKN2B	-0.563677342	3.53E-38
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AF131216.5	CLIP3	-0.457656188	4.12E-24
AF131216.5	ULBP2	-0.395337368	7.12E-18
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AF131216.5	MARCO	-0.508552957	2.99E-30
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AF131216.5	PLAUR	-0.564133776	2.99E-38
AF131216.5	CDC42EP5	-0.549960498	4.56E-36
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AF131216.5	TMEM100	-0.426819104	7.30E-21
AF131216.5	QSOX1	-0.644895331	5.62E-53
AF131216.5	ARHGAP23	-0.512876313	8.03E-31
AF131216.5	MDFI	-0.308417502	3.97E-11

AF131216.5	FSTL3	-0.625711635	4.39E-49
AF131216.5	INF2	-0.483057766	4.78E-27
AF131216.5	TGFBR1	-0.628327407	1.34E-49
AF131216.5	TGFBI	-0.328704128	1.61E-12
AF131216.5	ERBB3	-0.736064513	4.53E-76
AF131216.5	CCL18	-0.374955286	4.21E-16
AF131216.5	CCL17	-0.513258584	7.15E-31
AF131216.5	C16orf45	-0.376355082	3.21E-16
AF131216.5	PRDM1	-0.339532304	2.63E-13
AF131216.5	TRIM47	-0.614780627	5.51E-47
AF131216.5	CNFN	-0.446876095	6.14E-23
AF131216.5	ARMCX3	-0.408764012	4.13E-19
AF131216.5	RAMP1	-0.333400517	7.40E-13
AF131216.5	GABRD	0.033621075	0.482286381
AF131216.5	COL13A1	-0.174873445	0.000231439
AF131216.5	S100A5	-0.456001084	6.28E-24
AF131216.5	MISP	-0.548013917	8.93E-36
AF131216.5	HES6	-0.212489947	7.09E-06
AF131216.5	PSD3	-0.608753799	7.31E-46
AF131216.5	DOK7	-0.598404609	5.45E-44
AF131216.5	ZMAT3	-0.59018412	1.50E-42
AF131216.5	MFAP2	-0.403865362	1.18E-18
AF131216.5	TMEM79	-0.590431626	1.36E-42
AF131216.5	SLC1A5	-0.502243589	1.97E-29
AF131216.5	BBC3	-0.476668544	2.76E-26
AF131216.5	HLA-DQB2	-0.46067719	1.90E-24
AF131216.5	C1QL1	-0.428048412	5.50E-21
AF131216.5	TMEM215	-0.161883624	0.000662486
AF131216.5	PNP	-0.483409098	4.34E-27
AF131216.5	ARNTL	-0.540664169	1.09E-34
AF131216.5	CLDN2	-0.336469047	4.42E-13
AF131216.5	MVP	-0.682821606	1.48E-61
AF131216.5	LGALS1	-0.486916604	1.63E-27
AF131216.5	BIRC7	-0.497453231	8.01E-29
AF131216.5	COL8A1	-0.651440008	2.27E-54
AF131216.5	PERP	-0.688871269	4.78E-63
AF131216.5	GJA4	-0.152690875	0.001332235
AF131216.5	IGFL2	-0.499507525	4.40E-29
AF131216.5	DAPK2	-0.495290704	1.50E-28
AF131216.5	MAMLD1	-0.602934765	8.41E-45
AF131216.5	ETV5	-0.294576125	3.08E-10
AF131216.5	RUNX1	-0.73373029	2.32E-75
AF131216.5	LONRF2	-0.328220319	1.74E-12
AF131216.5	SPOCK1	-0.159700637	0.000784697
AF131216.5	XKRX	-0.487608772	1.34E-27
AF131216.5	TGFBI	-0.261103838	2.83E-08
AF131216.5	ERP27	-0.247839599	1.44E-07
AF131216.5	TNFRSF10C	-0.452080547	1.69E-23
AF131216.5	PALM	-0.591058124	1.06E-42
AF131216.5	TSC22D1	-0.379635505	1.69E-16
AF131216.5	TGM2	-0.590184261	1.50E-42

AF131216.5	UBE2QL1	-0.26645183	1.43E-08
AF131216.5	ECE1	-0.577767644	1.88E-40
AF131216.5	COL8A2	-0.645265385	4.70E-53
AF131216.5	HIST3H2A	-0.464988206	6.20E-25
AF131216.5	TNFRSF21	-0.576368557	3.19E-40
AF131216.5	SOX4	-0.624901033	6.32E-49
AF131216.5	ELF3	-0.732471196	5.56E-75
AF131216.5	TPD52L1	-0.560059061	1.30E-37
AF131216.5	INHBB	-0.429973717	3.52E-21
AF131216.5	HPN	-0.449418678	3.28E-23
AF131216.5	MMP7	-0.512273244	9.66E-31
AF131216.5	RAB27A	-0.5912323	9.87E-43
AF131216.5	IGF2BP2	-0.589515922	1.95E-42
AF131216.5	ITGB4	-0.594537687	2.62E-43
AF131216.5	PPP1R1B	-0.542127935	6.64E-35
AF131216.5	NPDC1	-0.272044775	6.90E-09
AF131216.5	CCL13	-0.587165241	4.94E-42
AF131216.5	SPINT1	-0.737271694	1.93E-76
AF131216.5	HEY2	-0.295662886	2.63E-10
AF131216.5	CST2	-0.541478055	8.26E-35
AF131216.5	ADM	-0.3684238	1.47E-15
AF131216.5	VSTM2L	-0.470537324	1.44E-25
AF131216.5	FAM84A	-0.541879577	7.22E-35
AF131216.5	P4HA2	-0.48474365	2.99E-27
AF131216.5	LPL	-0.336813417	4.17E-13
AF131216.5	TMEM173	-0.498555525	5.81E-29
AF131216.5	DHRS3	-0.536610021	4.20E-34
AF131216.5	SCN1B	-0.592426007	6.12E-43
AF131216.5	GLT1D1	-0.291421228	4.84E-10
AF131216.5	PHYHIP	-0.554355199	9.85E-37
AF131216.5	BHLHE40	-0.622384406	1.95E-48
AF131216.5	BID	-0.581711159	4.14E-41
AF131216.5	POSTN	-0.392651812	1.24E-17
AF131216.5	ITGA3	-0.760731372	4.68E-84
AF131216.5	RSPO4	-0.576928958	2.58E-40
AF131216.5	ADAMTS9	-0.219660979	3.38E-06
AF131216.5	ABTB2	-0.734876055	1.04E-75
AF131216.5	KCNQ3	-0.750993928	8.60E-81
AF131216.5	ANXA1	-0.533729297	1.08E-33
AF131216.5	S100A11	-0.634997185	6.20E-51
AF131216.5	CEACAM6	-0.611720244	2.06E-46
AF131216.5	IER5L	-0.571047514	2.35E-39
AF131216.5	KRT80	-0.652433439	1.39E-54
AF131216.5	CDH6	-0.56339551	3.91E-38
AF131216.5	UNC5B	-0.45992928	2.30E-24
AF131216.5	PLEKHN1	-0.651111086	2.68E-54
AF131216.5	SYTL1	-0.401273845	2.05E-18
AF131216.5	TMEM163	-0.507483217	4.12E-30
AF131216.5	C4orf48	-0.189576061	6.41E-05
AF131216.5	B3GNT7	-0.401484332	1.96E-18
AF131216.5	BAIAP3	-0.527761332	7.53E-33

AF131216.5	PHLDA2	-0.517209172	2.11E-31
AF131216.5	GAP43	-0.56430383	2.81E-38
AF131216.5	S100A1	-0.495294675	1.50E-28
AF131216.5	PTPRE	-0.721737626	7.84E-72
AF131216.5	CCND1	-0.529332753	4.54E-33
AF131216.5	ST6GALNAC5	-0.70372842	7.22E-67
AF131216.5	KRT17	-0.268373589	1.12E-08
AF131216.5	HPCAL4	-0.37939736	1.77E-16
AF131216.5	GABBR2	-0.312271517	2.20E-11
AF131216.5	DIRAS3	-0.379785853	1.64E-16
AF131216.5	SERINC2	-0.480593619	9.44E-27
AF131216.5	PTCHD4	-0.419942102	3.49E-20
AF131216.5	EPS8	-0.489418621	8.04E-28
AF131216.5	LY6E	-0.562481933	5.44E-38
AF131216.5	UPP1	-0.664579288	2.84E-57
AF131216.5	AHNAK2	-0.723886893	1.89E-72
AF131216.5	PLXNC1	-0.489433514	8.00E-28
AF131216.5	TNC	-0.573395354	9.79E-40
AF131216.5	DUSP4	-0.50868898	2.87E-30
AF131216.5	NRCAM	-0.522946934	3.50E-32
AF131216.5	NRP2	-0.498691121	5.58E-29
AF131216.5	CTSC	-0.593130515	4.62E-43
AF131216.5	AMIGO2	-0.396924391	5.12E-18
AF131216.5	NAB2	-0.466358359	4.33E-25
AF131216.5	TBC1D2	-0.715772072	3.81E-70
AF131216.5	PHLDA3	-0.515760725	3.31E-31
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AF131216.5	S100A6	-0.674721679	1.29E-59
AF131216.5	FOXQ1	-0.591557393	8.67E-43
AF131216.5	LRG1	-0.573814201	8.36E-40
AF131216.5	LAMP5	-0.400518984	2.41E-18
AF131216.5	ALDH3B1	-0.656065478	2.25E-55
AF131216.5	CDH2	0.017993819	0.706940757
AF131216.5	SCG5	-0.201339516	2.14E-05
AF131216.5	ZCCHC16	-0.298770024	1.67E-10
AF131216.5	GRB7	-0.695439633	1.04E-64
AF131216.5	TIAM1	-0.433068617	1.70E-21
AF131216.5	FXYD5	-0.378265211	2.21E-16
AF131216.5	CLDN9	-0.463909672	8.22E-25
AF131216.5	FAM43A	-0.596627808	1.12E-43
AF131216.5	CHST2	-0.491929291	3.93E-28
AF131216.5	HMGA2	-0.500934427	2.89E-29
AF131216.5	GALNT7	-0.58848306	2.94E-42
AF131216.5	CBLN1	-0.46790127	2.89E-25
AF131216.5	STRA6	-0.573686973	8.77E-40
AF131216.5	MUC21	-0.655940473	2.39E-55
AF131216.5	PRR36	-0.575292859	4.79E-40
AF131216.5	NFE2L3	-0.562656252	5.11E-38
AF131216.5	NR1D1	-0.462218115	1.28E-24

AF131216.5	MUC1	-0.721450404	9.47E-72
AF131216.5	NAT8L	-0.203726786	1.70E-05
AF131216.5	APOC1	-0.188868858	6.84E-05
AF131216.5	EVA1A	-0.699449953	9.61E-66
AF131216.5	ENTPD1	-0.301377812	1.14E-10
AF131216.5	COL1A1	-0.475480227	3.81E-26
AF131216.5	FNDC4	-0.435294051	1.01E-21
AF131216.5	FRMD3	-0.139030482	0.003512745
AF131216.5	SHROOM4	-0.580280442	7.18E-41
AF131216.5	NELL2	-0.353014832	2.49E-14
AF131216.5	EPHB3	-0.700991162	3.80E-66
AF131216.5	TMC6	-0.663988676	3.87E-57
AF131216.5	NOD1	-0.570167837	3.26E-39
AF131216.5	GGCT	-0.626230194	3.47E-49
AF131216.5	ICAM1	-0.639763074	6.58E-52
AF131216.5	PRSS23	-0.525285555	1.66E-32
AF131216.5	CFI	-0.547986684	9.02E-36
AF131216.5	CD55	-0.707595269	6.67E-68
AF131216.5	RASD2	-0.524118939	2.41E-32
AF131216.5	KLK11	-0.391344228	1.62E-17
AF131216.5	ICAM5	-0.503722106	1.27E-29
AF131216.5	ADORA1	-0.531683855	2.12E-33
AF131216.5	ITGA2	-0.632981528	1.58E-50
AF131216.5	ABCC3	-0.492176656	3.67E-28
AF131216.5	MFGE8	-0.602089695	1.19E-44
AF131216.5	STK32A	-0.341778305	1.79E-13
AF131216.5	CYSLTR2	-0.383712631	7.55E-17
AF131216.5	LAD1	-0.69964654	8.54E-66
AF131216.5	MGAT3	-0.631493651	3.15E-50
AF131216.5	IGFBP6	-0.448685802	3.93E-23
AF131216.5	CYP2S1	-0.680969773	4.16E-61
AF131216.5	KCNJ2	-0.478801216	1.54E-26
AF131216.5	FAM20A	-0.552162245	2.12E-36
AF131216.5	TGFA	-0.498863312	5.31E-29
AF131216.5	MXRA8	-0.593432062	4.09E-43
AF131216.5	C8orf4	-0.463448416	9.27E-25
AF131216.5	CLDN10	-0.611198028	2.58E-46
AF131216.5	PDE5A	-0.628578602	1.20E-49
AF131216.5	APOE	-0.18205242	0.000125234
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AF131216.5	TENM1	-0.230132292	1.10E-06
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AF131216.5	CXCL14	-0.291841493	4.56E-10
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AF131216.5	SEZ6L2	-0.475724188	3.57E-26
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AF131216.5	MPZL2	-0.603214043	7.49E-45
AF131216.5	CTSH	-0.592377073	6.25E-43
AF131216.5	CYP11B1	-0.651547095	2.16E-54

AF131216.5	ALOX5	-0.64529971	4.62E-53
AF131216.5	SYTL5	-0.567156287	9.91E-39
AF131216.5	TNFRSF12A	-0.511129156	1.37E-30
AF131216.5	DUSP6	-0.509003434	2.61E-30
AF131216.5	ALOX15B	-0.649901777	4.87E-54
AF131216.5	SDC4	-0.632643955	1.85E-50
AF131216.5	MDK	-0.474154895	5.45E-26
AF131216.5	KRT19	-0.70132136	3.11E-66
AF131216.5	MET	-0.745416017	5.46E-79
AF131216.5	TESC	-0.227803884	1.41E-06
AF131216.5	CXCL17	-0.714387832	9.26E-70
AF131216.5	NPC2	-0.438390085	4.82E-22
AF131216.5	COMP	-0.460472093	2.00E-24
AF131216.5	TUSC3	-0.470190247	1.57E-25
AF131216.5	TMPRSS4	-0.726758823	2.75E-73
AF131216.5	LGALS3	-0.679212829	1.10E-60
AF131216.5	CRLF1	-0.406220578	7.15E-19
AF131216.5	CTXN1	-0.532781963	1.48E-33
AF131216.5	PCSK1N	-0.212503706	7.08E-06
AF131216.5	NMU	-0.547417851	1.10E-35
AF131216.5	GALE	-0.585369296	9.99E-42
AF131216.5	PCSK2	-0.196384131	3.42E-05
AF131216.5	GJB3	-0.572874101	1.19E-39
AF131216.5	SLPI	-0.612969926	1.20E-46
AF131216.5	AGR2	-0.277065973	3.53E-09
AF131216.5	MRC2	-0.528503569	5.93E-33
AF131216.5	GOLT1A	-0.485132143	2.68E-27
AF131216.5	SLC27A6	-0.609856539	4.57E-46
AF131216.5	KCNN4	-0.685790554	2.77E-62
AF131216.5	ETV4	-0.448024287	4.63E-23
AF131216.5	SYT12	-0.688897368	4.71E-63
AF131216.5	PVRL4	-0.747688541	1.02E-79
AF131216.5	PLCD3	-0.662814543	7.12E-57
AF131216.5	PLAU	-0.587156877	4.96E-42
AF131216.5	LRRK2	-0.273177066	5.94E-09
AF131216.5	SFN	-0.644568253	6.58E-53
AF131216.5	LPAR5	-0.633293855	1.37E-50
AF131216.5	NGEF	-0.644674206	6.25E-53
AF131216.5	DTX4	-0.617249454	1.88E-47
AF131216.5	CST6	-0.540467299	1.16E-34
AF131216.5	QPCT	-0.484893147	2.87E-27
AF131216.5	TIMP1	-0.572569859	1.33E-39
AF131216.5	CAMK2N1	-0.64883842	8.22E-54
AF131216.5	KLHDC8A	-0.189229552	6.62E-05
AF131216.5	PDLIM4	-0.715859019	3.61E-70
AF131216.5	SCEL	-0.60253308	9.94E-45
AF131216.5	LCN2	-0.710821794	8.88E-69
AF131216.5	PROS1	-0.750426577	1.32E-80
AF131216.5	GABRB2	-0.67783218	2.36E-60
AF131216.5	TMPRSS6	-0.718425573	6.86E-71
AF131216.5	KLK7	-0.562752543	4.93E-38

AF131216.5	PDZK1IP1	-0.601268597	1.68E-44
AF131216.5	CDH3	-0.541975317	6.99E-35
AF131216.5	LRP4	-0.327533541	1.95E-12
AF131216.5	IGSF1	-0.283308961	1.51E-09
AF131216.5	B3GNT3	-0.733907445	2.05E-75
AF131216.5	CLDN1	-0.648519143	9.61E-54
AF131216.5	GDF15	-0.656309155	1.99E-55
AF131216.5	ARHGAP36	-0.251680784	9.07E-08
AF131216.5	LAMB3	-0.67383647	2.08E-59
AF131216.5	KLK10	-0.56917171	4.72E-39
AF131216.5	DPP4	-0.636848309	2.61E-51
AF131216.5	METTL7B	-0.486835047	1.67E-27
AF131216.5	LIPH	-0.696013367	7.44E-65
AF131216.5	CLDN16	-0.580731202	6.03E-41
AF131216.5	CHI3L1	-0.637763871	1.69E-51
AF131216.5	SLC22A31	-0.549887505	4.68E-36
AF131216.5	TACSTD2	-0.659518376	3.89E-56
AF131216.5	SFTPB	-0.639351177	8.00E-52
AF131216.5	RXRG	-0.377881824	2.38E-16
AF131216.5	DCSTAMP	-0.692133545	7.25E-64
AF131216.5	CITED1	-0.446567172	6.63E-23
AF131216.5	SERPINA1	-0.72532995	7.19E-73
AF131216.5	PRR15	-0.373945968	5.11E-16
AF131216.5	SLC34A2	-0.769500206	3.92E-87
AF131216.5	FN1	-0.801610567	1.11E-99
AF131216.5	ZCCHC12	-0.327617509	1.92E-12
RP11-760H22.2	TFF3	0.731894632	0
RP11-760H22.2	CCL21	0.397083757	4.95E-18
RP11-760H22.2	TPO	0.707884726	0
RP11-760H22.2	MT1G	0.583884181	0
RP11-760H22.2	DIO1	0.675615644	0
RP11-760H22.2	DPT	0.30523092	6.42E-11
RP11-760H22.2	CDH16	0.684166721	0
RP11-760H22.2	CRABP1	0.53995647	1.38E-34
RP11-760H22.2	SLC26A7	0.686476681	0
RP11-760H22.2	MT1H	0.52473803	1.98E-32
RP11-760H22.2	SLC26A4	0.59249483	0
RP11-760H22.2	SLC5A8	0.665604563	1.66E-57
RP11-760H22.2	PKHD1L1	0.709462278	2.09E-68
RP11-760H22.2	TFCP2L1	0.67345433	0
RP11-760H22.2	WSCD2	0.696690752	4.98E-65
RP11-760H22.2	IPCEF1	0.651743888	0
RP11-760H22.2	SLC5A5	0.560628965	1.06E-37
RP11-760H22.2	MT1F	0.633195704	0
RP11-760H22.2	FOSB	0.467996153	0
RP11-760H22.2	SEMA3D	0.707872624	5.62E-68
RP11-760H22.2	BMP8A	0.59803201	0
RP11-760H22.2	MATN2	0.67869663	0
RP11-760H22.2	PLA2R1	0.660016255	0
RP11-760H22.2	COL23A1	0.580092024	0
RP11-760H22.2	HGD	0.642992537	0

RP11-760H22.2	TCEAL2	0.499845965	0
RP11-760H22.2	CHRDL1	0.347829691	6.26E-14
RP11-760H22.2	TNFRSF11B	0.623277317	0
RP11-760H22.2	FAM167A	0.682785795	0
RP11-760H22.2	KIT	0.734855198	0
RP11-760H22.2	SLC4A4	0.731412953	0
RP11-760H22.2	SMOC2	0.465534712	0
RP11-760H22.2	FHL1	0.756423378	0
RP11-760H22.2	OTOS	0.571739803	0
RP11-760H22.2	IGFBPL1	0.628059729	1.51E-49
RP11-760H22.2	HBB	0.442861054	0
RP11-760H22.2	BEX1	0.523783818	0
RP11-760H22.2	FABP4	0.548186123	8.42E-36
RP11-760H22.2	LMOD1	0.60681187	0
RP11-760H22.2	SOD3	0.567836445	0
RP11-760H22.2	TMEM171	0.584546135	0
RP11-760H22.2	PI16	0.392586031	0
RP11-760H22.2	ZMAT4	0.709040881	2.71E-68
RP11-760H22.2	MFAP4	0.24119702	3.42E-07
RP11-760H22.2	CWH43	0.648382654	1.03E-53
RP11-760H22.2	SPX	0.690593787	0
RP11-760H22.2	APOD	0.250708618	1.13E-07
RP11-760H22.2	DPP6	0.669915068	0
RP11-760H22.2	MMRN1	0.505882695	0
RP11-760H22.2	WDR72	0.629340287	0
RP11-760H22.2	MPPED2	0.731340049	0
RP11-760H22.2	PAPSS2	0.463478499	0
RP11-760H22.2	DCN	0.129760692	0.00651047
RP11-760H22.2	SORBS2	0.738787349	0
RP11-760H22.2	EGR2	0.454911253	0
RP11-760H22.2	EDN3	0.496504563	1.05E-28
RP11-760H22.2	DIO2	0.668895259	0
RP11-760H22.2	ITPR1	0.676263272	0
RP11-760H22.2	CFD	0.259615139	3.83E-08
RP11-760H22.2	CPXM1	0.449075931	0
RP11-760H22.2	ELMO1	0.668061257	0
RP11-760H22.2	GPC3	0.561079627	9.01E-38
RP11-760H22.2	MYOC	0.315002006	1.44E-11
RP11-760H22.2	DEPTOR	0.965596978	0
RP11-760H22.2	DGKI	0.770171509	0
RP11-760H22.2	CARTPT	0.573861679	8.22E-40
RP11-760H22.2	IYD	0.480981343	0
RP11-760H22.2	LYVE1	0.430854682	0
RP11-760H22.2	CLCNKB	0.664936443	0
RP11-760H22.2	NCAM1	0.464247398	0
RP11-760H22.2	HBA2	0.403903216	0
RP11-760H22.2	GLT8D2	0.504254263	0
RP11-760H22.2	OGDHL	0.496287271	0
RP11-760H22.2	LIFR	0.598965014	0
RP11-760H22.2	CSGALNACT1	0.653918818	0
RP11-760H22.2	RAP1GAP	0.573417878	0

RP11-760H22.2	COL9A3	0.555425979	0
RP11-760H22.2	FBLN1	0.203626917	1.78E-05
RP11-760H22.2	EFEMP1	0.594366229	0
RP11-760H22.2	AOX1	0.549536496	5.28E-36
RP11-760H22.2	GRIN2C	0.629908061	0
RP11-760H22.2	C11orf74	0.673412346	0
RP11-760H22.2	PPARGC1A	0.652367829	0
RP11-760H22.2	ANGPTL1	0.642636525	0
RP11-760H22.2	SCARA5	0.319409649	7.20E-12
RP11-760H22.2	LTF	0.532124408	0
RP11-760H22.2	CA4	0.605066495	3.46E-45
RP11-760H22.2	TG	0.616951665	0
RP11-760H22.2	FCGBP	0.69267468	0
RP11-760H22.2	PBX4	0.667379587	0
RP11-760H22.2	CYR61	0.514064286	0
RP11-760H22.2	FOS	0.517970481	0
RP11-760H22.2	KHDRBS2	0.631072686	0
RP11-760H22.2	MUM1L1	0.572429415	0
RP11-760H22.2	RGS16	0.568369611	0
RP11-760H22.2	MT1M	0.557597222	0
RP11-760H22.2	LRP2	0.677546189	0
RP11-760H22.2	MAFB	0.543214086	0
RP11-760H22.2	KCNK2	0.686467887	0
RP11-760H22.2	TBC1D4	0.573911896	0
RP11-760H22.2	MIOX	0.636788461	2.68E-51
RP11-760H22.2	TPPP	0.662837253	0
RP11-760H22.2	FMOD	0.558738444	0
RP11-760H22.2	CITED2	0.601450427	0
RP11-760H22.2	RGS8	0.702206312	1.82E-66
RP11-760H22.2	ABI3BP	0.403906904	0
RP11-760H22.2	ADH1B	0.384304641	6.71E-17
RP11-760H22.2	OGN	0.246835695	1.62E-07
RP11-760H22.2	NR4A1	0.428429976	0
RP11-760H22.2	FOXJ1	0.6329348	1.62E-50
RP11-760H22.2	ALDH1A1	0.599863978	0
RP11-760H22.2	OCA2	0.687400598	1.11E-62
RP11-760H22.2	TMEM139	0.490976322	0
RP11-760H22.2	ARHGAP24	0.560154829	0
RP11-760H22.2	SLC25A15	0.649590516	0
RP11-760H22.2	DES	0.372332411	6.97E-16
RP11-760H22.2	GDF10	0.471183686	1.21E-25
RP11-760H22.2	KIAA1324	0.568240397	0
RP11-760H22.2	JUN	0.512570599	0
RP11-760H22.2	C7	0.112337845	0.018589851
RP11-760H22.2	LGI3	0.589546036	0
RP11-760H22.2	CDON	0.698573969	0
RP11-760H22.2	BCL2	0.741945779	0
RP11-760H22.2	HLF	0.645106761	0
RP11-760H22.2	EGR1	0.495073713	0
RP11-760H22.2	IP6K3	0.562548331	0
RP11-760H22.2	SCUBE3	0.573337598	0

RP11-760H22.2	PKNOX2	0.745245903	0
RP11-760H22.2	SMAD9	0.705293929	0
RP11-760H22.2	IQGAP2	0.689398667	0
RP11-760H22.2	GNA14	0.732256033	0
RP11-760H22.2	LAYN	0.61162951	0
RP11-760H22.2	AVPR1A	0.605052097	0
RP11-760H22.2	PDLIM3	0.497821524	0
RP11-760H22.2	GPM6A	0.570699569	0
RP11-760H22.2	SDPR	0.52449584	0
RP11-760H22.2	CRYAB	0.339953109	3.33E-13
RP11-760H22.2	FOXA2	0.562695399	5.03E-38
RP11-760H22.2	C8orf88	0.597844076	0
RP11-760H22.2	ISM1	0.46606036	0
RP11-760H22.2	BMP2	0.539887438	0
RP11-760H22.2	ID4	0.720361004	0
RP11-760H22.2	NUPR1	0.372328143	6.25E-16
RP11-760H22.2	SERTM1	0.617687447	1.55E-47
RP11-760H22.2	IRS1	0.644166097	0
RP11-760H22.2	FIBIN	0.311438881	3.19E-11
RP11-760H22.2	PODN	0.2086532	1.09E-05
RP11-760H22.2	TDRD9	0.499100469	0
RP11-760H22.2	EPHA3	0.414284985	0
RP11-760H22.2	AIF1L	0.624467614	0
RP11-760H22.2	EBF4	0.695363061	0
RP11-760H22.2	ADM2	0.61477177	0
RP11-760H22.2	GSTM3	0.595494402	0
RP11-760H22.2	HSD17B6	0.577734407	0
RP11-760H22.2	AGR3	0.571038865	2.36E-39
RP11-760H22.2	EPHB1	0.520716022	0
RP11-760H22.2	TMOD1	0.412200405	0
RP11-760H22.2	WASF3	0.645857505	0
RP11-760H22.2	SELV	0.68369245	9.07E-62
RP11-760H22.2	ENPP1	0.266465731	1.63E-08
RP11-760H22.2	SYNE1	0.686516774	1.84E-62
RP11-760H22.2	PLCH1	0.65419384	0
RP11-760H22.2	CCDC146	0.705761424	0
RP11-760H22.2	SLC16A2	0.597107515	0
RP11-760H22.2	IER2	0.5494657	0
RP11-760H22.2	KCNAB1	0.616002632	0
RP11-760H22.2	SYNDIG1	0.639142226	0
RP11-760H22.2	C16orf89	0.563227164	0
RP11-760H22.2	CTGF	0.412139982	0
RP11-760H22.2	NR4A3	0.277289748	4.00E-09
RP11-760H22.2	KIAA1456	0.592737513	0
RP11-760H22.2	AQP4	0.402462434	0
RP11-760H22.2	RNF150	0.716774368	0
RP11-760H22.2	C1S	0.066087877	0.166829996
RP11-760H22.2	PFKFB2	0.453299557	0
RP11-760H22.2	PROX1	0.616541897	0
RP11-760H22.2	TCF7L1	0.695727298	0
RP11-760H22.2	HSPB6	0.338573317	4.21E-13

RP11-760H22.2	FHDC1	0.434819739	0
RP11-760H22.2	PRR15L	0.394378427	0
RP11-760H22.2	SLC1A1	0.426772468	0
RP11-760H22.2	BTBD11	0.690574781	0
RP11-760H22.2	TRIM58	0.634500322	0
RP11-760H22.2	LRIG1	0.611714329	0
RP11-760H22.2	ROR2	0.499936031	0
RP11-760H22.2	GPR125	0.708838297	0
RP11-760H22.2	FLRT1	0.712625916	0
RP11-760H22.2	PGF	0.671007498	0
RP11-760H22.2	DUSP1	0.491742384	0
RP11-760H22.2	PLA2G7	0.611306689	0
RP11-760H22.2	PLSCR4	0.529323976	0
RP11-760H22.2	FAM46B	0.485320141	0
RP11-760H22.2	GLDC	0.572115813	0
RP11-760H22.2	ZBTB16	0.534768961	0
RP11-760H22.2	OMD	0.160818008	0.000719752
RP11-760H22.2	HSD11B2	0.568220823	0
RP11-760H22.2	FGL2	0.207429003	1.23E-05
RP11-760H22.2	CLCNKA	0.633031763	1.55E-50
RP11-760H22.2	GATM	0.446118911	0
RP11-760H22.2	TNS3	0.589340089	0
RP11-760H22.2	TOB1	0.545049175	0
RP11-760H22.2	MARC2	0.657738634	0
RP11-760H22.2	LRRC2	0.581223317	0
RP11-760H22.2	SORD	0.555261165	0
RP11-760H22.2	RIMS4	0.586548876	0
RP11-760H22.2	SLC29A4	0.715909729	0
RP11-760H22.2	SLC39A14	0.605382719	0
RP11-760H22.2	FAXDC2	0.704806719	0
RP11-760H22.2	HSPB8	0.455058763	0
RP11-760H22.2	CCL19	-0.029675881	0.53516391
RP11-760H22.2	KCNIP3	0.634128709	0
RP11-760H22.2	CGNL1	0.535695725	0
RP11-760H22.2	ATF3	0.287431103	1.02E-09
RP11-760H22.2	SGCD	0.510593248	0
RP11-760H22.2	STARD13	0.74135219	0
RP11-760H22.2	LDHD	0.549016218	0
RP11-760H22.2	RCAN1	0.570081727	0
RP11-760H22.2	ID3	0.593360178	0
RP11-760H22.2	SYTL3	0.630523067	0
RP11-760H22.2	MT1E	0.402440733	0
RP11-760H22.2	CAMK1D	0.587005308	0
RP11-760H22.2	PRKCQ	0.632428649	0
RP11-760H22.2	NUAK2	0.500568483	0
RP11-760H22.2	LIPG	0.617909633	0
RP11-760H22.2	SLC25A25	0.481848251	0
RP11-760H22.2	PRKX	0.531735916	0
RP11-760H22.2	SRPX	0.249821285	1.25E-07
RP11-760H22.2	FAM189A1	0.609873283	0
RP11-760H22.2	PLEKHH1	0.58607443	0

RP11-760H22.2	WNT11	0.576256606	0
RP11-760H22.2	SNAI1	0.541783233	0
RP11-760H22.2	FDCSP	0.013684594	0.774939398
RP11-760H22.2	MT1X	0.344722666	1.47E-13
RP11-760H22.2	ACACB	0.700065954	0
RP11-760H22.2	ARC	0.242326753	3.00E-07
RP11-760H22.2	KLK4	0.342432824	1.60E-13
RP11-760H22.2	ZFPM2	0.532350355	0
RP11-760H22.2	AKAP12	0.469090852	0
RP11-760H22.2	GJB6	0.615703302	3.69E-47
RP11-760H22.2	ERO1LB	0.696190822	0
RP11-760H22.2	DNALI1	0.622114536	0
RP11-760H22.2	HKDC1	0.465760091	0
RP11-760H22.2	ZFP36L2	0.709603792	0
RP11-760H22.2	CAPSL	0.548822724	6.76E-36
RP11-760H22.2	CYP7B1	0.554883027	0
RP11-760H22.2	CPQ	0.672861451	0
RP11-760H22.2	RPS6KA6	0.746997334	1.70E-79
RP11-760H22.2	TLE1	0.631069849	0
RP11-760H22.2	TP53INP2	0.682135046	0
RP11-760H22.2	KATNAL2	0.698756088	0
RP11-760H22.2	SGPP2	0.274121957	6.06E-09
RP11-760H22.2	CTH	0.630265916	0
RP11-760H22.2	KIF12	0.602057064	0
RP11-760H22.2	TMEM220	0.56470227	0
RP11-760H22.2	CENPJ	0.588576154	0
RP11-760H22.2	FAM155B	0.380918651	3.71E-17
RP11-760H22.2	WFS1	0.667785951	0
RP11-760H22.2	SELENBP1	0.472545721	0
RP11-760H22.2	SNTA1	0.483238255	0
RP11-760H22.2	FRAS1	0.463715934	0
RP11-760H22.2	FBLN7	0.548268594	0
RP11-760H22.2	AGPAT9	0.636352148	0
RP11-760H22.2	GPR83	0.545318807	0
RP11-760H22.2	PRTG	0.577390594	0
RP11-760H22.2	EGR3	0.263149295	2.47E-08
RP11-760H22.2	GRAMD2	0.580954252	0
RP11-760H22.2	HYOU1	0.640638749	0
RP11-760H22.2	FBLN5	0.367690494	1.82E-15
RP11-760H22.2	ITM2A	0.595161794	0
RP11-760H22.2	SRF	0.559290332	0
RP11-760H22.2	FGFR2	0.612218702	0
RP11-760H22.2	MT1A	0.305411523	6.25E-11
RP11-760H22.2	MAMDC2	0.396545557	0
RP11-760H22.2	FHL2	0.425341757	0
RP11-760H22.2	FTCDNL1	0.517146549	0
RP11-760H22.2	PKIA	0.533463351	0
RP11-760H22.2	DNAJB4	0.583971269	0
RP11-760H22.2	SLC25A33	0.6402026	0
RP11-760H22.2	EYA2	0.445917502	0
RP11-760H22.2	LPAR1	0.394655577	0

RP11-760H22.2	STX11	0.198881756	2.80E-05
RP11-760H22.2	ARHGEF28	0.48957029	0
RP11-760H22.2	OR2W3	0.663800753	0
RP11-760H22.2	ALDH1B1	0.485873677	2.18E-27
RP11-760H22.2	CXCL12	0.213793094	6.53E-06
RP11-760H22.2	OLFM2	0.583971695	0
RP11-760H22.2	TUB	0.566447717	0
RP11-760H22.2	HTRA3	0.352836459	3.44E-14
RP11-760H22.2	CKB	0.489385193	0
RP11-760H22.2	RGS2	0.148106758	0.00187943
RP11-760H22.2	SHANK2	0.724353435	0
RP11-760H22.2	CNTFR	0.446504664	6.73E-23
RP11-760H22.2	CYTH3	0.599098483	0
RP11-760H22.2	PLAC9	0.413908549	0
RP11-760H22.2	WVOX	0.646021043	0
RP11-760H22.2	NPR3	0.592486178	0
RP11-760H22.2	SDC2	0.631515643	0
RP11-760H22.2	KLF15	0.558958291	0
RP11-760H22.2	TMEM164	0.66448767	0
RP11-760H22.2	LONRF3	0.373950618	4.14E-16
RP11-760H22.2	GBP1	0.160791253	0.000731588
RP11-760H22.2	ARHGAP6	0.622000216	0
RP11-760H22.2	TMEM119	0.152552785	0.00136098
RP11-760H22.2	SH3RF1	0.598068746	0
RP11-760H22.2	CRELD2	0.59139545	0
RP11-760H22.2	PCP4	0.212644213	7.34E-06
RP11-760H22.2	GCSH	0.651120371	0
RP11-760H22.2	IMPA2	0.692014286	0
RP11-760H22.2	C1R	0.066339779	0.165216257
RP11-760H22.2	SUCNR1	0.375353529	2.83E-16
RP11-760H22.2	SFRP1	0.427056	0
RP11-760H22.2	UGT8	0.501060091	0
RP11-760H22.2	TLE4	0.418449323	0
RP11-760H22.2	ANTXR1	0.46543032	0
RP11-760H22.2	GPX3	0.602505695	0
RP11-760H22.2	DPY19L2	0.601346602	0
RP11-760H22.2	FAM46C	0.43379681	0
RP11-760H22.2	IL33	0.33923046	2.77E-13
RP11-760H22.2	PEG3	0.621750015	0
RP11-760H22.2	FAHD2A	0.630359529	0
RP11-760H22.2	PTGDS	0.079579566	0.095850514
RP11-760H22.2	CHCHD10	0.389679505	0
RP11-760H22.2	CD36	0.555450801	0
RP11-760H22.2	ANKRD37	0.577450307	0
RP11-760H22.2	TSPAN33	0.535983797	0
RP11-760H22.2	PRDM16	0.675894921	0
RP11-760H22.2	UST	0.520332778	0
RP11-760H22.2	NEXN	0.538829475	0
RP11-760H22.2	NUPR1L	0.201751689	2.05E-05
RP11-760H22.2	SLC24A3	0.56996542	0
RP11-760H22.2	MARC1	0.669765146	0

RP11-760H22.2	MYH11	0.410437794	0
RP11-760H22.2	APOA1	0.59561931	1.69E-43
RP11-760H22.2	TMEM178B	0.541642956	0
RP11-760H22.2	CAPN6	0.349899969	4.34E-14
RP11-760H22.2	PPM1L	0.666266733	0
RP11-760H22.2	FZD8	0.734086867	0
RP11-760H22.2	RCAN2	0.621847741	0
RP11-760H22.2	COPZ2	0.518296139	0
RP11-760H22.2	GAS1	0.265092038	1.93E-08
RP11-760H22.2	DACT1	0.558845673	0
RP11-760H22.2	WBSCR17	0.653330478	0
RP11-760H22.2	NCS1	0.569921451	0
RP11-760H22.2	SPIRE2	0.60527776	0
RP11-760H22.2	C15orf52	0.382193767	1.52E-17
RP11-760H22.2	SPAG5	0.540493792	0
RP11-760H22.2	ARL4D	0.487023463	0
RP11-760H22.2	FAM189A2	0.525775495	0
RP11-760H22.2	MAP1LC3A	0.576620702	0
RP11-760H22.2	KLF6	0.217310655	4.56E-06
RP11-760H22.2	ADD3	0.448308167	0
RP11-760H22.2	TSPAN7	0.497421826	0
RP11-760H22.2	KLF9	0.460858767	0
RP11-760H22.2	KCNQ1	0.539531569	0
RP11-760H22.2	MAN1A1	0.231189134	1.05E-06
RP11-760H22.2	MLF1	0.440516911	0
RP11-760H22.2	RARB	0.612499397	0
RP11-760H22.2	CDC42EP2	0.438253474	0
RP11-760H22.2	FAM3B	0.231316504	1.03E-06
RP11-760H22.2	GADD45B	0.301782042	1.33E-10
RP11-760H22.2	TMEM47	0.563957341	0
RP11-760H22.2	SDF2L1	0.488751464	0
RP11-760H22.2	CCDC85A	0.520788501	0
RP11-760H22.2	CRYBG3	0.325906127	3.37E-12
RP11-760H22.2	FBLN2	0.103224809	0.030625286
RP11-760H22.2	PEBP4	0.08131778	0.088797099
RP11-760H22.2	CDADC1	0.636391436	0
RP11-760H22.2	FAM63A	0.542822899	0
RP11-760H22.2	GLUL	0.429985788	0
RP11-760H22.2	FREM2	0.39882644	0
RP11-760H22.2	ACKR3	0.62237112	0
RP11-760H22.2	DENND6A	0.761844677	0
RP11-760H22.2	CLDN8	0.343586834	1.79E-13
RP11-760H22.2	UTS2R	0.388186245	3.08E-17
RP11-760H22.2	SCNN1B	0.488743238	0
RP11-760H22.2	TTC30A	0.671681933	0
RP11-760H22.2	CORO2B	0.581551812	0
RP11-760H22.2	TC2N	0.454534675	0
RP11-760H22.2	ALDH2	0.47141613	0
RP11-760H22.2	GPR183	0.052326554	0.273843018
RP11-760H22.2	C4orf47	0.597464378	0
RP11-760H22.2	SLC25A42	0.63133012	0

RP11-760H22.2	LGMN	0.570554044	0
RP11-760H22.2	ACSF2	0.547452038	0
RP11-760H22.2	KIAA1467	0.605844683	0
RP11-760H22.2	PRKG1	0.621572577	0
RP11-760H22.2	GNAI1	0.64616827	0
RP11-760H22.2	ABCC4	0.465309191	0
RP11-760H22.2	PRPS1	0.603871303	0
RP11-760H22.2	TSPAN5	0.611484553	0
RP11-760H22.2	CR2	0.146249563	0.002125828
RP11-760H22.2	CCDC170	0.66597001	0
RP11-760H22.2	RRAD	0.094052485	0.048938952
RP11-760H22.2	SCGB2A1	0.415199267	0
RP11-760H22.2	SESN3	0.453718402	0
RP11-760H22.2	SGK223	0.382374325	1.27E-17
RP11-760H22.2	NDRG2	0.605249818	0
RP11-760H22.2	C3orf52	0.411459731	0
RP11-760H22.2	FLRT3	-0.235187523	6.73E-07
RP11-760H22.2	MST1R	-0.562707898	0
RP11-760H22.2	SDC1	-0.337938029	4.69E-13
RP11-760H22.2	ST8SIA4	-0.451930971	0
RP11-760H22.2	UBTD1	-0.454655236	0
RP11-760H22.2	EPHA2	-0.293757039	4.21E-10
RP11-760H22.2	TMEM130	-0.167621987	0.00042753
RP11-760H22.2	SPINK2	-0.651416811	0
RP11-760H22.2	MMP16	-0.396045013	0
RP11-760H22.2	SIGLEC15	-0.517004428	0
RP11-760H22.2	RIN1	-0.572990097	0
RP11-760H22.2	IL1RN	-0.51965508	0
RP11-760H22.2	FCER1G	-0.431762723	0
RP11-760H22.2	CD276	-0.568398829	0
RP11-760H22.2	CTSB	-0.594711035	0
RP11-760H22.2	FAM171A2	-0.202236913	2.04E-05
RP11-760H22.2	ASPHD1	-0.645612552	0
RP11-760H22.2	C15orf48	-0.463503037	0
RP11-760H22.2	DYSF	-0.186481078	8.71E-05
RP11-760H22.2	PDZRN4	-0.144671888	0.002397672
RP11-760H22.2	EFHD2	-0.206645637	1.33E-05
RP11-760H22.2	ASF1B	-0.48532397	0
RP11-760H22.2	AQP1	-0.190623431	6.01E-05
RP11-760H22.2	ARRDC2	-0.397463243	0
RP11-760H22.2	PRSS1	-0.438062904	5.21E-22
RP11-760H22.2	MAPK13	-0.612857536	0
RP11-760H22.2	CST5	-0.448567596	4.05E-23
RP11-760H22.2	AHR	-0.319034118	9.96E-12
RP11-760H22.2	BAX	-0.492410011	0
RP11-760H22.2	C1orf115	-0.340372805	3.10E-13
RP11-760H22.2	PLK3	-0.368573289	1.50E-15
RP11-760H22.2	JAG2	-0.269562603	1.09E-08
RP11-760H22.2	RAD23B	-0.462272458	0
RP11-760H22.2	CA12	0.049229399	0.303279622
RP11-760H22.2	ADTRP	-0.307686012	5.60E-11

RP11-760H22.2	UCP2	-0.340341742	3.12E-13
RP11-760H22.2	IGFBP2	-0.218663072	3.97E-06
RP11-760H22.2	LOXL2	-0.280101669	2.75E-09
RP11-760H22.2	GPX1	-0.460118661	0
RP11-760H22.2	P3H3	-0.480652564	0
RP11-760H22.2	C2orf81	-0.410369145	0
RP11-760H22.2	CDT1	-0.50383329	0
RP11-760H22.2	SNX25	-0.285304964	1.36E-09
RP11-760H22.2	MTHFD1L	-0.43705183	0
RP11-760H22.2	CDC42BPG	-0.559825007	1.41E-37
RP11-760H22.2	MSN	-0.563500626	0
RP11-760H22.2	SIGLEC6	-0.447803411	4.89E-23
RP11-760H22.2	F2R	-0.06111535	0.201147314
RP11-760H22.2	TMEM184A	-0.552104012	0
RP11-760H22.2	CKS2	-0.297516999	2.47E-10
RP11-760H22.2	TAX1BP3	-0.524586899	0
RP11-760H22.2	PMEP1	-0.473163989	0
RP11-760H22.2	CXCL16	-0.586549301	0
RP11-760H22.2	FAXC	-0.4624255	0
RP11-760H22.2	VTCN1	-0.476028128	3.28E-26
RP11-760H22.2	SH2D4A	-0.477298116	0
RP11-760H22.2	RNF24	-0.315027644	1.85E-11
RP11-760H22.2	LY6G6C	-0.44964812	3.09E-23
RP11-760H22.2	NID1	-0.280679088	2.54E-09
RP11-760H22.2	STAC	-0.534489401	0
RP11-760H22.2	RAB34	-0.512665488	0
RP11-760H22.2	HES4	-0.308845105	4.71E-11
RP11-760H22.2	EPHA10	-0.621366629	0
RP11-760H22.2	ENTPD2	-0.443134657	0
RP11-760H22.2	DDB2	-0.566602887	0
RP11-760H22.2	NKAIN4	-0.268497689	1.25E-08
RP11-760H22.2	TRIM29	-0.306870591	6.32E-11
RP11-760H22.2	ADCY8	-0.61724274	1.89E-47
RP11-760H22.2	SFTA2	-0.44331862	0
RP11-760H22.2	NRIP1	-0.335171637	7.45E-13
RP11-760H22.2	VWA1	-0.115279547	0.015709349
RP11-760H22.2	APLNR	-0.182955574	0.000118722
RP11-760H22.2	REN	-0.59611139	1.39E-43
RP11-760H22.2	EDIL3	-0.220264129	3.36E-06
RP11-760H22.2	AGR1	-0.336291016	6.18E-13
RP11-760H22.2	TREM1	-0.488346661	0
RP11-760H22.2	SRL	-0.321471872	6.81E-12
RP11-760H22.2	RASGRF1	-0.459166083	0
RP11-760H22.2	RMI2	-0.469759331	0
RP11-760H22.2	SAMD1	-0.481194524	0
RP11-760H22.2	MGAT4B	-0.610386166	0
RP11-760H22.2	NXN	-0.490730518	0
RP11-760H22.2	SH3BGRL3	-0.600749326	0
RP11-760H22.2	CA11	-0.441846351	0
RP11-760H22.2	PLD3	-0.371712144	7.26E-16
RP11-760H22.2	LURAP1L	-0.527615831	0

RP11-760H22.2	CARNS1	-0.300556569	1.59E-10
RP11-760H22.2	PDLIM7	-0.506334021	0
RP11-760H22.2	BCL2L1	-0.563544879	0
RP11-760H22.2	GGT6	-0.39640145	0
RP11-760H22.2	DPYSL3	-0.304653676	8.76E-11
RP11-760H22.2	FYN	-0.488972163	0
RP11-760H22.2	TK1	-0.455624268	0
RP11-760H22.2	AK1	-0.449408397	0
RP11-760H22.2	HIGD1B	-0.100994562	0.034428788
RP11-760H22.2	TMEM59L	-0.24324912	2.70E-07
RP11-760H22.2	MEGF9	-0.351744029	4.20E-14
RP11-760H22.2	ZFP36L1	-0.396327411	0
RP11-760H22.2	ADRA1B	-0.33408715	8.92E-13
RP11-760H22.2	EPHA4	-0.43104602	0
RP11-760H22.2	TCERG1L	-0.064930344	0.174397528
RP11-760H22.2	NGFR	-0.305501579	7.73E-11
RP11-760H22.2	EBI3	-0.567990338	0
RP11-760H22.2	S100A10	-0.4443763	0
RP11-760H22.2	S100B	-0.520342281	0
RP11-760H22.2	CD44	-0.371467901	7.70E-16
RP11-760H22.2	BHLHE41	-0.373058604	5.21E-16
RP11-760H22.2	FBXO2	-0.49517924	0
RP11-760H22.2	SLC30A2	-0.29542405	3.32E-10
RP11-760H22.2	FRMD5	-0.651204339	0
RP11-760H22.2	SAMD11	-0.200526358	2.40E-05
RP11-760H22.2	SIPA1L2	-0.281404585	2.31E-09
RP11-760H22.2	S100A16	-0.521132882	0
RP11-760H22.2	PPL	-0.456057297	0
RP11-760H22.2	ARHGDIB	-0.229817002	1.22E-06
RP11-760H22.2	CDC42EP3	-0.557991529	0
RP11-760H22.2	RUNX2	-0.507010726	0
RP11-760H22.2	LAMC2	-0.550803366	0
RP11-760H22.2	BRINP1	-0.542751981	0
RP11-760H22.2	GPRC5B	-0.510155113	0
RP11-760H22.2	AQP5	-0.09469444	0.047411083
RP11-760H22.2	PLAG1	-0.400347926	0
RP11-760H22.2	PTPRU	-0.386232579	0
RP11-760H22.2	ANGPTL4	-0.375948394	2.39E-16
RP11-760H22.2	PALM3	-0.327372297	2.67E-12
RP11-760H22.2	ACP5	-0.423405254	0
RP11-760H22.2	DLG4	-0.416406443	0
RP11-760H22.2	ETNK2	-0.508923116	0
RP11-760H22.2	CD109	-0.369280347	1.28E-15
RP11-760H22.2	SNX22	-0.289157402	8.01E-10
RP11-760H22.2	TMEM98	-0.407772391	0
RP11-760H22.2	CTHRC1	-0.432982665	0
RP11-760H22.2	S100A2	-0.410886851	0
RP11-760H22.2	C11orf80	-0.655062025	0
RP11-760H22.2	SREBF1	-0.490106151	0
RP11-760H22.2	PRSS22	-0.582191781	0
RP11-760H22.2	CMTM3	-0.550049927	0

RP11-760H22.2	RDH5	-0.460275533	0
RP11-760H22.2	MYH10	-0.46898178	0
RP11-760H22.2	EVPL	-0.424324217	0
RP11-760H22.2	SCD	-0.483131735	0
RP11-760H22.2	CD151	-0.465495281	0
RP11-760H22.2	S100A4	-0.501556521	0
RP11-760H22.2	BNIP1	-0.470217607	0
RP11-760H22.2	MAP3K6	-0.576521983	0
RP11-760H22.2	MANEAL	-0.578786697	0
RP11-760H22.2	CD207	-0.508577394	2.97E-30
RP11-760H22.2	CD1A	-0.543178037	4.65E-35
RP11-760H22.2	C3	-0.326151788	3.24E-12
RP11-760H22.2	NT5E	-0.370471495	9.73E-16
RP11-760H22.2	CACNG4	-0.421711309	2.34E-20
RP11-760H22.2	FHOD1	-0.491513743	0
RP11-760H22.2	LEMD1	-0.61722073	0
RP11-760H22.2	ATP11A	-0.312600243	2.68E-11
RP11-760H22.2	PPAP2C	-0.330641075	1.57E-12
RP11-760H22.2	DRAM1	-0.440606694	0
RP11-760H22.2	CDA	-0.213144614	6.98E-06
RP11-760H22.2	CCND2	-0.361311653	6.84E-15
RP11-760H22.2	LCN6	-0.186504345	8.46E-05
RP11-760H22.2	CDH4	-0.310443468	3.70E-11
RP11-760H22.2	MMP11	-0.533145352	0
RP11-760H22.2	B3GAT1	-0.299267837	1.92E-10
RP11-760H22.2	SPP1	-0.359169771	1.04E-14
RP11-760H22.2	HLA-DQB1	-0.420693186	0
RP11-760H22.2	SDC3	-0.454886573	0
RP11-760H22.2	CX3CL1	-0.340273377	3.16E-13
RP11-760H22.2	SDK1	-0.333674972	9.55E-13
RP11-760H22.2	DOCK9	-0.416492396	0
RP11-760H22.2	CSF2	-0.631244872	3.53E-50
RP11-760H22.2	GRHL3	-0.592336398	0
RP11-760H22.2	TMEM92	-0.701194559	3.36E-66
RP11-760H22.2	BASP1	-0.549262589	0
RP11-760H22.2	HRH1	-0.460165325	0
RP11-760H22.2	ESM1	0.046324433	0.332730086
RP11-760H22.2	B4GALNT3	-0.482087956	0
RP11-760H22.2	LMO3	-0.278337215	3.48E-09
RP11-760H22.2	C9orf16	-0.551892533	0
RP11-760H22.2	SEMA3F	-0.216667849	4.88E-06
RP11-760H22.2	PLA2G12B	-0.452383302	1.56E-23
RP11-760H22.2	KLK6	-0.382581403	9.46E-17
RP11-760H22.2	ST3GAL5	-0.46409776	0
RP11-760H22.2	FAM132B	-0.196645552	3.46E-05
RP11-760H22.2	CDKN1A	-0.265304936	1.88E-08
RP11-760H22.2	E2F1	-0.524050188	0
RP11-760H22.2	B3GNT8	-0.454603608	0
RP11-760H22.2	MTMR11	-0.614736027	0
RP11-760H22.2	MYO1G	-0.434978313	0
RP11-760H22.2	TMSB10	-0.521971706	0

RP11-760H22.2	UNC5CL	-0.664589793	0
RP11-760H22.2	ABR	-0.577363787	0
RP11-760H22.2	PLP2	-0.640851363	0
RP11-760H22.2	SRCIN1	-0.56073395	0
RP11-760H22.2	PDE9A	-0.557878911	0
RP11-760H22.2	TREM2	-0.393087851	0
RP11-760H22.2	KDELR3	-0.393924406	0
RP11-760H22.2	PC	-0.504247029	0
RP11-760H22.2	C2CD4A	-0.588212342	0
RP11-760H22.2	PELI1	-0.444888048	0
RP11-760H22.2	SSX1	-0.158604833	0.000865096
RP11-760H22.2	MROH6	-0.56689493	0
RP11-760H22.2	ESPN	-0.503306649	0
RP11-760H22.2	BMP1	-0.476021156	0
RP11-760H22.2	TM4SF4	-0.458142769	3.64E-24
RP11-760H22.2	CORO2A	-0.48342548	0
RP11-760H22.2	CD164L2	-0.581596511	4.32E-41
RP11-760H22.2	CTSS	-0.487925547	0
RP11-760H22.2	CLU	-0.394713872	0
RP11-760H22.2	TMSB4X	-0.498583756	0
RP11-760H22.2	WNT10A	-0.488809493	9.55E-28
RP11-760H22.2	NAPSA	-0.383768726	0
RP11-760H22.2	PLEKHA4	-0.448435962	0
RP11-760H22.2	SFTPA1	-0.216568411	4.67E-06
RP11-760H22.2	C1orf116	-0.469741176	0
RP11-760H22.2	TM4SF1	-0.39039791	0
RP11-760H22.2	SEL1L3	-0.32914285	2.00E-12
RP11-760H22.2	VASN	-0.551563187	0
RP11-760H22.2	NPTXR	-0.575856625	0
RP11-760H22.2	PDE4C	-0.573393198	0
RP11-760H22.2	CDC42EP1	-0.486967295	0
RP11-760H22.2	ENDOD1	-0.578851375	0
RP11-760H22.2	RYR1	-0.415792288	0
RP11-760H22.2	IL1RAP	-0.447410196	0
RP11-760H22.2	SLC35F2	-0.537483814	3.14E-34
RP11-760H22.2	ISYNA1	-0.456087508	0
RP11-760H22.2	HLA-G	-0.47389828	0
RP11-760H22.2	CDKN2B	-0.472574656	0
RP11-760H22.2	ALDH1A3	-0.382436734	1.18E-17
RP11-760H22.2	CLIP3	-0.432395743	0
RP11-760H22.2	ULBP2	-0.456060417	0
RP11-760H22.2	ETHE1	-0.627065787	0
RP11-760H22.2	XPR1	-0.468400957	0
RP11-760H22.2	SPTBN2	-0.681695776	0
RP11-760H22.2	IVL	-0.629243784	8.83E-50
RP11-760H22.2	MARCO	-0.479662683	0
RP11-760H22.2	PLXND1	-0.324768451	4.05E-12
RP11-760H22.2	EMILIN2	-0.48291671	0
RP11-760H22.2	PLAUR	-0.496752072	0
RP11-760H22.2	CDC42EP5	-0.526442838	0
RP11-760H22.2	TRPC5	-0.349281966	4.84E-14

RP11-760H22.2	TMEM100	-0.43874182	0
RP11-760H22.2	QSOX1	-0.550305943	0
RP11-760H22.2	ARHGAP23	-0.405503848	0
RP11-760H22.2	MDFI	-0.248293274	1.50E-07
RP11-760H22.2	FSTL3	-0.450470616	0
RP11-760H22.2	INF2	-0.52873365	0
RP11-760H22.2	TGFBR1	-0.55792983	0
RP11-760H22.2	TGFBI	-0.425203607	0
RP11-760H22.2	ERBB3	-0.542342071	0
RP11-760H22.2	CCL18	-0.299419035	1.88E-10
RP11-760H22.2	CCL17	-0.4785641	1.65E-26
RP11-760H22.2	C16orf45	-0.302185001	1.26E-10
RP11-760H22.2	PRDM1	-0.319931379	8.67E-12
RP11-760H22.2	TRIM47	-0.621231317	0
RP11-760H22.2	CNFN	-0.483514838	0
RP11-760H22.2	ARMCX3	-0.409334443	0
RP11-760H22.2	RAMP1	-0.345197111	1.35E-13
RP11-760H22.2	GABRD	-0.061578023	0.197752629
RP11-760H22.2	COL13A1	-0.32714706	2.77E-12
RP11-760H22.2	S100A5	-0.538774726	0
RP11-760H22.2	MISP	-0.374200961	3.88E-16
RP11-760H22.2	HES6	-0.275883716	4.81E-09
RP11-760H22.2	PSD3	-0.527101246	0
RP11-760H22.2	DOK7	-0.394169076	0
RP11-760H22.2	ZMAT3	-0.44739275	0
RP11-760H22.2	MFAP2	-0.402308541	0
RP11-760H22.2	TMEM79	-0.629852319	0
RP11-760H22.2	SLC1A5	-0.397625079	0
RP11-760H22.2	BBC3	-0.510548002	0
RP11-760H22.2	HLA-DQB2	-0.509299552	0
RP11-760H22.2	C1QL1	-0.372008726	6.75E-16
RP11-760H22.2	TMEM215	-0.221490191	2.79E-06
RP11-760H22.2	PNP	-0.461113081	0
RP11-760H22.2	ARNTL	-0.426099167	0
RP11-760H22.2	CLDN2	-0.47438494	5.12E-26
RP11-760H22.2	MVP	-0.672246303	0
RP11-760H22.2	LGALS1	-0.516876491	0
RP11-760H22.2	BIRC7	-0.541916803	7.13E-35
RP11-760H22.2	COL8A1	-0.580911984	0
RP11-760H22.2	PERP	-0.521174298	0
RP11-760H22.2	GJA4	-0.126124272	0.008189058
RP11-760H22.2	IGFL2	-0.550749943	3.47E-36
RP11-760H22.2	DAPK2	-0.41206651	0
RP11-760H22.2	MAMLD1	-0.575089996	0
RP11-760H22.2	ETV5	-0.33094021	1.50E-12
RP11-760H22.2	RUNX1	-0.576315185	0
RP11-760H22.2	LONRF2	-0.275712093	4.92E-09
RP11-760H22.2	SPOCK1	-0.078426856	0.100769818
RP11-760H22.2	XKRX	-0.381098642	3.35E-17
RP11-760H22.2	TGFBI	-0.366661466	2.27E-15
RP11-760H22.2	ERP27	-0.239778365	4.02E-07

RP11-760H22.2	TNFRSF10C	-0.475431681	0
RP11-760H22.2	PALM	-0.477480661	0
RP11-760H22.2	TSC22D1	-0.344130921	1.63E-13
RP11-760H22.2	TGM2	-0.510902878	0
RP11-760H22.2	UBE2QL1	-0.315884624	1.62E-11
RP11-760H22.2	ECE1	-0.4941339	0
RP11-760H22.2	COL8A2	-0.50843165	0
RP11-760H22.2	HIST3H2A	-0.358361015	1.22E-14
RP11-760H22.2	TNFRSF21	-0.403953426	0
RP11-760H22.2	SOX4	-0.408962688	0
RP11-760H22.2	ELF3	-0.526595313	0
RP11-760H22.2	TPD52L1	-0.484019636	0
RP11-760H22.2	INHBB	-0.329082427	2.02E-12
RP11-760H22.2	HPN	-0.476427236	0
RP11-760H22.2	MMP7	-0.444900988	9.97E-23
RP11-760H22.2	RAB27A	-0.52658893	0
RP11-760H22.2	IGF2BP2	-0.551709847	0
RP11-760H22.2	ITGB4	-0.447779398	0
RP11-760H22.2	PPP1R1B	-0.509573297	0
RP11-760H22.2	NPDC1	-0.381010561	3.52E-17
RP11-760H22.2	CCL13	-0.553323582	1.41E-36
RP11-760H22.2	SPINT1	-0.695484473	0
RP11-760H22.2	HEY2	-0.4000695	0
RP11-760H22.2	CST2	-0.390108826	2.08E-17
RP11-760H22.2	ADM	-0.500369202	0
RP11-760H22.2	VSTM2L	-0.376477872	2.05E-16
RP11-760H22.2	FAM84A	-0.487167286	0
RP11-760H22.2	P4HA2	-0.617583549	0
RP11-760H22.2	LPL	-0.337268132	5.25E-13
RP11-760H22.2	TMEM173	-0.485851462	0
RP11-760H22.2	DHRS3	-0.441546649	0
RP11-760H22.2	SCN1B	-0.613456798	0
RP11-760H22.2	GLT1D1	-0.325704434	3.48E-12
RP11-760H22.2	PHYHIP	-0.604049025	0
RP11-760H22.2	BHLHE40	-0.551849556	0
RP11-760H22.2	BID	-0.529455317	0
RP11-760H22.2	POSTN	-0.40703271	0
RP11-760H22.2	ITGA3	-0.699945109	0
RP11-760H22.2	RSPO4	-0.507042072	0
RP11-760H22.2	ADAMTS9	-0.284257213	1.57E-09
RP11-760H22.2	ABTB2	-0.574584488	0
RP11-760H22.2	KCNQ3	-0.5522606	0
RP11-760H22.2	ANXA1	-0.393234511	0
RP11-760H22.2	S100A11	-0.643564424	0
RP11-760H22.2	CEACAM6	-0.447828535	4.86E-23
RP11-760H22.2	IER5L	-0.546265996	0
RP11-760H22.2	KRT80	-0.509272319	0
RP11-760H22.2	CDH6	-0.436865456	0
RP11-760H22.2	UNC5B	-0.463747989	0
RP11-760H22.2	PLEKHN1	-0.611722981	0
RP11-760H22.2	SYTL1	-0.500139142	0

RP11-760H22.2	TMEM163	-0.354300927	2.62E-14
RP11-760H22.2	C4orf48	-0.338817561	4.04E-13
RP11-760H22.2	B3GNT7	-0.45206217	0
RP11-760H22.2	BAIAP3	-0.440767963	0
RP11-760H22.2	PHLDA2	-0.599589523	0
RP11-760H22.2	GAP43	-0.476043732	3.27E-26
RP11-760H22.2	S100A1	-0.544929039	0
RP11-760H22.2	PTPRE	-0.585512755	0
RP11-760H22.2	CCND1	-0.437047008	0
RP11-760H22.2	ST6GALNAC5	-0.510203983	1.81E-30
RP11-760H22.2	KRT17	-0.247512602	1.64E-07
RP11-760H22.2	HPCAL4	-0.404053563	0
RP11-760H22.2	GABBR2	-0.451915794	0
RP11-760H22.2	DIRAS3	-0.443752784	0
RP11-760H22.2	SERINC2	-0.502640582	0
RP11-760H22.2	PTCHD4	-0.341332049	2.64E-13
RP11-760H22.2	EPS8	-0.408406403	0
RP11-760H22.2	LY6E	-0.604635096	0
RP11-760H22.2	UPP1	-0.531084175	0
RP11-760H22.2	AHNAK2	-0.621191744	0
RP11-760H22.2	PLXNC1	-0.56745008	0
RP11-760H22.2	TNC	-0.49331479	0
RP11-760H22.2	DUSP4	-0.548222781	0
RP11-760H22.2	NRCAM	-0.399493641	0
RP11-760H22.2	NRP2	-0.56937013	0
RP11-760H22.2	CTSC	-0.628546141	0
RP11-760H22.2	AMIGO2	-0.352827949	3.44E-14
RP11-760H22.2	NAB2	-0.472348993	0
RP11-760H22.2	TBC1D2	-0.550065103	0
RP11-760H22.2	PHLDA3	-0.555291943	0
RP11-760H22.2	PTP4A3	-0.53396744	0
RP11-760H22.2	CRABP2	-0.52822488	0
RP11-760H22.2	GOS2	-0.510413966	0
RP11-760H22.2	S100A6	-0.622593237	0
RP11-760H22.2	FOXQ1	-0.470261718	0
RP11-760H22.2	LRG1	-0.50651231	0
RP11-760H22.2	LAMP5	-0.403691737	0
RP11-760H22.2	ALDH3B1	-0.518308621	0
RP11-760H22.2	CDH2	-0.032001861	0.503491667
RP11-760H22.2	SCG5	-0.346345283	1.10E-13
RP11-760H22.2	ZCCHC16	-0.3948136	7.93E-18
RP11-760H22.2	GRB7	-0.563203902	0
RP11-760H22.2	TIAM1	-0.298412133	2.17E-10
RP11-760H22.2	FXYD5	-0.513128445	0
RP11-760H22.2	CLDN9	-0.495089173	0
RP11-760H22.2	FAM43A	-0.54802279	0
RP11-760H22.2	CHST2	-0.408295486	0
RP11-760H22.2	HMGA2	-0.573157465	0
RP11-760H22.2	GALNT7	-0.569050712	0
RP11-760H22.2	CBLN1	-0.390078776	0
RP11-760H22.2	STRA6	-0.540591376	0

RP11-760H22.2	MUC21	-0.588473518	2.95E-42
RP11-760H22.2	PRR36	-0.561228678	0
RP11-760H22.2	NFE2L3	-0.508722984	0
RP11-760H22.2	NR1D1	-0.376746653	1.89E-16
RP11-760H22.2	MUC1	-0.566301341	0
RP11-760H22.2	NAT8L	-0.31052318	3.66E-11
RP11-760H22.2	APOC1	-0.206006661	1.42E-05
RP11-760H22.2	EVA1A	-0.48183889	0
RP11-760H22.2	ENTPD1	-0.231334234	1.03E-06
RP11-760H22.2	COL1A1	-0.501804877	0
RP11-760H22.2	FNDC4	-0.44682143	0
RP11-760H22.2	FRMD3	-0.254985859	6.74E-08
RP11-760H22.2	SHROOM4	-0.538781959	0
RP11-760H22.2	NELL2	-0.290692222	6.47E-10
RP11-760H22.2	EPHB3	-0.596992202	0
RP11-760H22.2	TMC6	-0.680071174	0
RP11-760H22.2	NOD1	-0.474903905	0
RP11-760H22.2	GGCT	-0.590529393	0
RP11-760H22.2	ICAM1	-0.578659469	0
RP11-760H22.2	PRSS23	-0.481133959	0
RP11-760H22.2	CFI	-0.541626078	0
RP11-760H22.2	CD55	-0.463772669	0
RP11-760H22.2	RASD2	-0.383642633	0
RP11-760H22.2	KLK11	-0.325688732	2.63E-12
RP11-760H22.2	ICAM5	-0.44213272	0
RP11-760H22.2	ADORA1	-0.649534065	0
RP11-760H22.2	ITGA2	-0.512976821	0
RP11-760H22.2	ABCC3	-0.406121832	0
RP11-760H22.2	MFGE8	-0.599014799	0
RP11-760H22.2	STK32A	-0.397293606	0
RP11-760H22.2	CYSLTR2	-0.256975834	5.29E-08
RP11-760H22.2	LAD1	-0.701942885	0
RP11-760H22.2	MGAT3	-0.373670773	4.45E-16
RP11-760H22.2	IGFBP6	-0.537589818	0
RP11-760H22.2	CYP2S1	-0.525236088	0
RP11-760H22.2	KCNJ2	-0.497173044	0
RP11-760H22.2	FAM20A	-0.506785347	0
RP11-760H22.2	TGFA	-0.524263653	0
RP11-760H22.2	MXRA8	-0.531265017	0
RP11-760H22.2	C8orf4	-0.376758	1.88E-16
RP11-760H22.2	CLDN10	-0.532804034	1.47E-33
RP11-760H22.2	PDE5A	-0.530568739	0
RP11-760H22.2	APOE	-0.239048046	4.36E-07
RP11-760H22.2	SPOCK2	-0.390159765	0
RP11-760H22.2	TENM1	-0.380073727	5.64E-17
RP11-760H22.2	SLIT1	-0.346605696	1.05E-13
RP11-760H22.2	CXCL14	-0.264064428	2.20E-08
RP11-760H22.2	ECM1	-0.365693286	2.79E-15
RP11-760H22.2	DUSP5	-0.503335158	0
RP11-760H22.2	SEZ6L2	-0.589949137	0
RP11-760H22.2	THRSP	-0.360400775	8.18E-15

RP11-760H22.2	C19orf33	-0.465627899	0
RP11-760H22.2	MPZL2	-0.555675613	0
RP11-760H22.2	CTSH	-0.56591214	0
RP11-760H22.2	CYP1B1	-0.607999614	0
RP11-760H22.2	ALOX5	-0.571195574	0
RP11-760H22.2	SYTL5	-0.405930296	7.62E-19
RP11-760H22.2	TNFRSF12A	-0.478928534	0
RP11-760H22.2	DUSP6	-0.36544961	2.94E-15
RP11-760H22.2	ALOX15B	-0.59222846	0
RP11-760H22.2	SDC4	-0.558652349	0
RP11-760H22.2	MDK	-0.470444404	0
RP11-760H22.2	KRT19	-0.55891106	0
RP11-760H22.2	MET	-0.589431715	0
RP11-760H22.2	TESC	-0.350631601	5.13E-14
RP11-760H22.2	CXCL17	-0.681749273	2.70E-61
RP11-760H22.2	NPC2	-0.577763626	0
RP11-760H22.2	COMP	-0.423333343	0
RP11-760H22.2	TUSC3	-0.409707475	0
RP11-760H22.2	TMPRSS4	-0.565415852	0
RP11-760H22.2	LGALS3	-0.599544135	0
RP11-760H22.2	CRLF1	-0.296369962	2.91E-10
RP11-760H22.2	CTXN1	-0.427753271	0
RP11-760H22.2	PCSK1N	-0.245268171	2.14E-07
RP11-760H22.2	NMU	-0.472371754	8.80E-26
RP11-760H22.2	GALE	-0.691788765	0
RP11-760H22.2	PCSK2	-0.250818684	1.11E-07
RP11-760H22.2	GJB3	-0.520826371	0
RP11-760H22.2	SLPI	-0.46105975	0
RP11-760H22.2	AGR2	-0.156795984	0.000992215
RP11-760H22.2	MRC2	-0.460017531	0
RP11-760H22.2	GOLT1A	-0.577080112	0
RP11-760H22.2	SLC27A6	-0.382846727	8.97E-17
RP11-760H22.2	KCNN4	-0.631585711	0
RP11-760H22.2	ETV4	-0.338061439	3.38E-13
RP11-760H22.2	SYT12	-0.624461373	0
RP11-760H22.2	PVRL4	-0.706688046	0
RP11-760H22.2	PLCD3	-0.522499908	0
RP11-760H22.2	PLAU	-0.657185895	0
RP11-760H22.2	LRRK2	-0.371560095	7.53E-16
RP11-760H22.2	SFN	-0.57536133	0
RP11-760H22.2	LPAR5	-0.555965812	0
RP11-760H22.2	NGEF	-0.60117895	0
RP11-760H22.2	DTX4	-0.480433568	0
RP11-760H22.2	CST6	-0.528086305	0
RP11-760H22.2	QPCT	-0.593589245	0
RP11-760H22.2	TIMP1	-0.607959758	0
RP11-760H22.2	CAMK2N1	-0.579333337	0
RP11-760H22.2	KLHDC8A	-0.284137928	1.59E-09
RP11-760H22.2	PDLIM4	-0.653195591	0
RP11-760H22.2	SCEL	-0.480799791	0
RP11-760H22.2	LCN2	-0.595475537	0

RP11-760H22.2	PROS1	-0.63089312	0
RP11-760H22.2	GABRB2	-0.529021012	0
RP11-760H22.2	TMPRSS6	-0.595609857	0
RP11-760H22.2	KLK7	-0.442059842	1.99E-22
RP11-760H22.2	PDZK1IP1	-0.617458874	0
RP11-760H22.2	CDH3	-0.469581183	0
RP11-760H22.2	LRP4	-0.373293203	4.91E-16
RP11-760H22.2	IGSF1	-0.23147295	1.01E-06
RP11-760H22.2	B3GNT3	-0.559628188	0
RP11-760H22.2	CLDN1	-0.545288596	0
RP11-760H22.2	GDF15	-0.565000128	0
RP11-760H22.2	ARHGAP36	-0.257860718	4.25E-08
RP11-760H22.2	LAMB3	-0.528538907	0
RP11-760H22.2	KLK10	-0.480668592	0
RP11-760H22.2	DPP4	-0.492994239	0
RP11-760H22.2	METTL7B	-0.521915681	0
RP11-760H22.2	LIPH	-0.64953364	0
RP11-760H22.2	CLDN16	-0.511727378	0
RP11-760H22.2	CHI3L1	-0.678256793	0
RP11-760H22.2	SLC22A31	-0.570459996	2.93E-39
RP11-760H22.2	TACSTD2	-0.590512514	0
RP11-760H22.2	SFTPB	-0.557074127	0
RP11-760H22.2	RXRG	-0.481961721	0
RP11-760H22.2	DCSTAMP	-0.657950008	8.65E-56
RP11-760H22.2	CITED1	-0.634918883	0
RP11-760H22.2	SERPINA1	-0.732856713	0
RP11-760H22.2	PRR15	-0.44476465	0
RP11-760H22.2	SLC34A2	-0.631941722	0
RP11-760H22.2	FN1	-0.684539611	0
RP11-760H22.2	ZCCHC12	-0.233571572	8.05E-07
RP3-483K16.4	TFF3	0.73106643	1.46E-74
RP3-483K16.4	CCL21	0.551513041	2.66E-36
RP3-483K16.4	TPO	0.696630247	5.17E-65
RP3-483K16.4	MT1G	0.596273402	1.30E-43
RP3-483K16.4	DIO1	0.592658466	5.58E-43
RP3-483K16.4	DPT	0.504501262	1.01E-29
RP3-483K16.4	CDH16	0.636020683	3.84E-51
RP3-483K16.4	CRABP1	0.667904624	4.96E-58
RP3-483K16.4	SLC26A7	0.684610173	5.41E-62
RP3-483K16.4	MT1H	0.572711683	1.26E-39
RP3-483K16.4	SLC26A4	0.706818492	1.08E-67
RP3-483K16.4	SLC5A8	0.603763714	5.96E-45
RP3-483K16.4	PKHD1L1	0.608488008	8.18E-46
RP3-483K16.4	TFCP2L1	0.605679981	2.67E-45
RP3-483K16.4	WSCD2	0.735517808	6.65E-76
RP3-483K16.4	IPCEF1	0.622125663	2.19E-48
RP3-483K16.4	SLC5A5	0.599018943	4.23E-44
RP3-483K16.4	MT1F	0.619393309	7.34E-48
RP3-483K16.4	FOSB	0.593437223	4.08E-43
RP3-483K16.4	SEMA3D	0.67845109	1.68E-60
RP3-483K16.4	BMP8A	0.671941052	5.78E-59

RP3-483K16.4	MATN2	0.629232137	8.88E-50
RP3-483K16.4	PLA2R1	0.573363486	9.90E-40
RP3-483K16.4	COL23A1	0.663473365	5.06E-57
RP3-483K16.4	HGD	0.671942684	5.78E-59
RP3-483K16.4	TCEAL2	0.521978879	4.75E-32
RP3-483K16.4	CHRD1	0.47009105	1.62E-25
RP3-483K16.4	TNFRSF11B	0.496206118	1.15E-28
RP3-483K16.4	FAM167A	0.670036248	1.60E-58
RP3-483K16.4	KIT	0.670343397	1.36E-58
RP3-483K16.4	SLC4A4	0.628065171	1.51E-49
RP3-483K16.4	SMOC2	0.610129418	4.07E-46
RP3-483K16.4	FHL1	0.690365648	2.02E-63
RP3-483K16.4	OTOS	0.620244971	5.04E-48
RP3-483K16.4	IGFBPL1	0.628164333	1.44E-49
RP3-483K16.4	HBB	0.492865708	3.01E-28
RP3-483K16.4	BEX1	0.559058555	1.86E-37
RP3-483K16.4	FABP4	0.678566015	1.58E-60
RP3-483K16.4	LMOD1	0.773998598	9.15E-89
RP3-483K16.4	SOD3	0.580803491	5.87E-41
RP3-483K16.4	TMEM171	0.568569881	5.89E-39
RP3-483K16.4	PI16	0.606261869	2.09E-45
RP3-483K16.4	ZMAT4	0.677468046	2.88E-60
RP3-483K16.4	MFAP4	0.520589653	7.35E-32
RP3-483K16.4	CWH43	0.539458218	1.63E-34
RP3-483K16.4	SPX	0.685540201	3.20E-62
RP3-483K16.4	APOD	0.456762227	5.17E-24
RP3-483K16.4	DPP6	0.677124851	3.48E-60
RP3-483K16.4	MMRN1	0.543219583	4.59E-35
RP3-483K16.4	WDR72	0.541310524	8.74E-35
RP3-483K16.4	MPPED2	0.762563248	1.09E-84
RP3-483K16.4	PAPSS2	0.570368662	3.03E-39
RP3-483K16.4	DCN	0.374181639	4.89E-16
RP3-483K16.4	SORBS2	0.671336045	8.00E-59
RP3-483K16.4	EGR2	0.575111205	5.13E-40
RP3-483K16.4	EDN3	0.615100527	4.80E-47
RP3-483K16.4	DIO2	0.604298557	4.77E-45
RP3-483K16.4	ITPR1	0.677507599	2.82E-60
RP3-483K16.4	CFD	0.429843917	3.62E-21
RP3-483K16.4	CPXM1	0.571074586	2.33E-39
RP3-483K16.4	ELMO1	0.717511394	1.24E-70
RP3-483K16.4	GPC3	0.629080074	9.51E-50
RP3-483K16.4	MYOC	0.528766626	5.45E-33
RP3-483K16.4	DEPTOR	0.60302734	8.09E-45
RP3-483K16.4	DGKI	0.604172534	5.02E-45
RP3-483K16.4	CARTPT	0.658758503	5.73E-56
RP3-483K16.4	IYD	0.441494717	2.28E-22
RP3-483K16.4	LYVE1	0.557282326	3.50E-37
RP3-483K16.4	CLCNKB	0.676853588	4.03E-60
RP3-483K16.4	NCAM1	0.391247362	1.65E-17
RP3-483K16.4	HBA2	0.483674792	4.03E-27
RP3-483K16.4	GLT8D2	0.695361441	1.09E-64

RP3-483K16.4	OGDHL	0.469521202	1.88E-25
RP3-483K16.4	LIFR	0.61919424	8.01E-48
RP3-483K16.4	CSGALNACT1	0.4422044	1.92E-22
RP3-483K16.4	RAP1GAP	0.527329833	8.65E-33
RP3-483K16.4	COL9A3	0.642736254	1.59E-52
RP3-483K16.4	FBLN1	0.382630887	9.36E-17
RP3-483K16.4	EFEMP1	0.442107738	1.97E-22
RP3-483K16.4	AOX1	0.609844914	4.59E-46
RP3-483K16.4	GRIN2C	0.638368516	1.27E-51
RP3-483K16.4	C11orf74	0.692506682	5.83E-64
RP3-483K16.4	PPARGC1A	0.545317427	2.25E-35
RP3-483K16.4	ANGPTL1	0.63930911	8.16E-52
RP3-483K16.4	SCARA5	0.511750161	1.13E-30
RP3-483K16.4	LTF	0.639050186	9.23E-52
RP3-483K16.4	CA4	0.715530216	4.45E-70
RP3-483K16.4	TG	0.655185811	3.50E-55
RP3-483K16.4	FCGBP	0.667211629	7.16E-58
RP3-483K16.4	PBX4	0.738407007	8.64E-77
RP3-483K16.4	CYR61	0.606609299	1.81E-45
RP3-483K16.4	FOS	0.553562856	1.30E-36
RP3-483K16.4	KHDRBS2	0.691083983	1.33E-63
RP3-483K16.4	MUM1L1	0.498836916	5.35E-29
RP3-483K16.4	RGS16	0.661619622	1.32E-56
RP3-483K16.4	MT1M	0.588165982	3.33E-42
RP3-483K16.4	LRP2	0.545791093	1.91E-35
RP3-483K16.4	MAFB	0.620047533	5.50E-48
RP3-483K16.4	KCNK2	0.577933413	1.76E-40
RP3-483K16.4	TBC1D4	0.660646619	2.18E-56
RP3-483K16.4	MIOX	0.685554586	3.17E-62
RP3-483K16.4	TPPP	0.629830336	6.75E-50
RP3-483K16.4	FMOD	0.554251334	1.02E-36
RP3-483K16.4	CITED2	0.443218253	1.50E-22
RP3-483K16.4	RGS8	0.741843914	7.36E-78
RP3-483K16.4	ABI3BP	0.385004251	5.84E-17
RP3-483K16.4	ADH1B	0.527523637	8.13E-33
RP3-483K16.4	OGN	0.451332315	2.03E-23
RP3-483K16.4	NR4A1	0.530616345	2.99E-33
RP3-483K16.4	FOXJ1	0.737902734	1.24E-76
RP3-483K16.4	ALDH1A1	0.583259333	2.27E-41
RP3-483K16.4	OCA2	0.56814599	6.89E-39
RP3-483K16.4	TMEM139	0.41554622	9.33E-20
RP3-483K16.4	ARHGAP24	0.654431166	5.11E-55
RP3-483K16.4	SLC25A15	0.472407874	8.71E-26
RP3-483K16.4	DES	0.451996155	1.72E-23
RP3-483K16.4	GDF10	0.631604956	2.99E-50
RP3-483K16.4	KIAA1324	0.61441723	6.45E-47
RP3-483K16.4	JUN	0.584897341	1.20E-41
RP3-483K16.4	C7	0.272422448	6.56E-09
RP3-483K16.4	LGI3	0.628805632	1.08E-49
RP3-483K16.4	CDON	0.656152362	2.15E-55
RP3-483K16.4	BCL2	0.548910166	6.56E-36

RP3-483K16.4	HLF	0.638304477	1.31E-51
RP3-483K16.4	EGR1	0.564281501	2.83E-38
RP3-483K16.4	IP6K3	0.51431321	5.17E-31
RP3-483K16.4	SCUBE3	0.591825668	7.79E-43
RP3-483K16.4	PKNOX2	0.688743029	5.15E-63
RP3-483K16.4	SMAD9	0.412597068	1.79E-19
RP3-483K16.4	IQGAP2	0.507520196	4.08E-30
RP3-483K16.4	GNA14	0.64008567	5.64E-52
RP3-483K16.4	LAYN	0.699417988	9.80E-66
RP3-483K16.4	AVPR1A	0.696732228	4.86E-65
RP3-483K16.4	PDLIM3	0.570460643	2.93E-39
RP3-483K16.4	GPM6A	0.577183235	2.34E-40
RP3-483K16.4	SDPR	0.65585422	2.50E-55
RP3-483K16.4	CRYAB	0.307286838	4.71E-11
RP3-483K16.4	FOXA2	0.635461475	4.99E-51
RP3-483K16.4	C8orf88	0.588162294	3.34E-42
RP3-483K16.4	ISM1	0.533679038	1.10E-33
RP3-483K16.4	BMP2	0.486886201	1.64E-27
RP3-483K16.4	ID4	0.585957149	7.94E-42
RP3-483K16.4	NUPR1	0.287009352	9.03E-10
RP3-483K16.4	SERTM1	0.428781445	4.64E-21
RP3-483K16.4	IRS1	0.604533794	4.32E-45
RP3-483K16.4	FIBIN	0.349041614	5.05E-14
RP3-483K16.4	PODN	0.427645722	6.03E-21
RP3-483K16.4	TDRD9	0.453390612	1.21E-23
RP3-483K16.4	EPHA3	0.549604602	5.16E-36
RP3-483K16.4	AIF1L	0.490535817	5.85E-28
RP3-483K16.4	EBF4	0.619403237	7.30E-48
RP3-483K16.4	ADM2	0.469961748	1.67E-25
RP3-483K16.4	GSTM3	0.624551364	7.39E-49
RP3-483K16.4	HSD17B6	0.526547387	1.11E-32
RP3-483K16.4	AGR3	0.508617058	2.93E-30
RP3-483K16.4	EPHB1	0.463925152	8.19E-25
RP3-483K16.4	TMOD1	0.428394481	5.07E-21
RP3-483K16.4	WASF3	0.580046718	7.85E-41
RP3-483K16.4	SELV	0.601497519	1.53E-44
RP3-483K16.4	ENPP1	0.386816719	4.06E-17
RP3-483K16.4	SYNE1	0.656941284	1.44E-55
RP3-483K16.4	PLCH1	0.636614343	2.91E-51
RP3-483K16.4	CCDC146	0.682847774	1.46E-61
RP3-483K16.4	SLC16A2	0.685403044	3.46E-62
RP3-483K16.4	IER2	0.632854662	1.68E-50
RP3-483K16.4	KCNAB1	0.6720258	5.53E-59
RP3-483K16.4	SYNDIG1	0.612014152	1.82E-46
RP3-483K16.4	C16orf89	0.665905449	1.42E-57
RP3-483K16.4	CTGF	0.502765101	1.69E-29
RP3-483K16.4	NR4A3	0.399919153	2.73E-18
RP3-483K16.4	KIAA1456	0.55188336	2.34E-36
RP3-483K16.4	AQP4	0.542320192	6.22E-35
RP3-483K16.4	RNF150	0.673515305	2.48E-59
RP3-483K16.4	C1S	0.242091037	2.83E-07

RP3-483K16.4	PFKFB2	0.421949891	2.22E-20
RP3-483K16.4	PROX1	0.635052006	6.04E-51
RP3-483K16.4	TCF7L1	0.733997357	1.93E-75
RP3-483K16.4	HSPB6	0.594694115	2.46E-43
RP3-483K16.4	FHDC1	0.529617243	4.14E-33
RP3-483K16.4	PRR15L	0.501715646	2.30E-29
RP3-483K16.4	SLC1A1	0.363203502	3.90E-15
RP3-483K16.4	BTBD11	0.706295467	1.49E-67
RP3-483K16.4	TRIM58	0.419323986	4.02E-20
RP3-483K16.4	LRIG1	0.524895905	1.88E-32
RP3-483K16.4	ROR2	0.457993516	3.78E-24
RP3-483K16.4	GPR125	0.615732984	3.64E-47
RP3-483K16.4	FLRT1	0.694103912	2.29E-64
RP3-483K16.4	PGF	0.64906695	7.34E-54
RP3-483K16.4	DUSP1	0.504714158	9.45E-30
RP3-483K16.4	PLA2G7	0.494144725	2.09E-28
RP3-483K16.4	PLSCR4	0.51223345	9.78E-31
RP3-483K16.4	FAM46B	0.452943966	1.36E-23
RP3-483K16.4	GLDC	0.497978233	6.87E-29
RP3-483K16.4	ZBTB16	0.470762916	1.35E-25
RP3-483K16.4	OMD	0.374027061	5.04E-16
RP3-483K16.4	HSD11B2	0.711548482	5.62E-69
RP3-483K16.4	FGL2	0.313596897	1.79E-11
RP3-483K16.4	CLCNKA	0.658331644	7.12E-56
RP3-483K16.4	GATM	0.47893388	1.49E-26
RP3-483K16.4	TNS3	0.463787003	8.49E-25
RP3-483K16.4	TOB1	0.468095595	2.74E-25
RP3-483K16.4	MARC2	0.621462644	2.94E-48
RP3-483K16.4	LRRC2	0.447561666	5.19E-23
RP3-483K16.4	SORD	0.438601094	4.58E-22
RP3-483K16.4	RIMS4	0.587753093	3.92E-42
RP3-483K16.4	SLC29A4	0.674549724	1.42E-59
RP3-483K16.4	SLC39A14	0.497823631	7.19E-29
RP3-483K16.4	FAXDC2	0.62339	1.24E-48
RP3-483K16.4	HSPB8	0.300018315	1.39E-10
RP3-483K16.4	CCL19	0.14659707	0.002073864
RP3-483K16.4	KCNIP3	0.637267575	2.14E-51
RP3-483K16.4	CGNL1	0.548276721	8.16E-36
RP3-483K16.4	ATF3	0.32857981	1.64E-12
RP3-483K16.4	SGCD	0.372045072	7.37E-16
RP3-483K16.4	STARD13	0.590202978	1.49E-42
RP3-483K16.4	LDHD	0.621839719	2.48E-48
RP3-483K16.4	RCAN1	0.49531233	1.49E-28
RP3-483K16.4	ID3	0.380349718	1.47E-16
RP3-483K16.4	SYTL3	0.639601721	7.10E-52
RP3-483K16.4	MT1E	0.430145321	3.38E-21
RP3-483K16.4	CAMK1D	0.645158907	4.95E-53
RP3-483K16.4	PRKCQ	0.620837993	3.87E-48
RP3-483K16.4	NUAK2	0.409944355	3.20E-19
RP3-483K16.4	LIPG	0.620609351	4.29E-48
RP3-483K16.4	SLC25A25	0.405038061	9.22E-19

RP3-483K16.4	PRKX	0.356340349	1.37E-14
RP3-483K16.4	SRPX	0.394211903	8.98E-18
RP3-483K16.4	FAM189A1	0.675248344	9.68E-60
RP3-483K16.4	PLEKHH1	0.566270698	1.37E-38
RP3-483K16.4	WNT11	0.644699779	6.18E-53
RP3-483K16.4	SNAI1	0.524799952	1.94E-32
RP3-483K16.4	FDCSP	0.147467569	0.001948754
RP3-483K16.4	MT1X	0.493910127	2.23E-28
RP3-483K16.4	ACACB	0.621518244	2.87E-48
RP3-483K16.4	ARC	0.45352635	1.17E-23
RP3-483K16.4	KLK4	0.27493405	4.70E-09
RP3-483K16.4	ZFPM2	0.509280752	2.40E-30
RP3-483K16.4	AKAP12	0.472056827	9.57E-26
RP3-483K16.4	GJB6	0.464889003	6.37E-25
RP3-483K16.4	ERO1LB	0.588959136	2.44E-42
RP3-483K16.4	DNALI1	0.6321659	2.31E-50
RP3-483K16.4	HKDC1	0.38883017	2.70E-17
RP3-483K16.4	ZFP36L2	0.524371036	2.23E-32
RP3-483K16.4	CAPSL	0.711378558	6.26E-69
RP3-483K16.4	CYP7B1	0.519557219	1.02E-31
RP3-483K16.4	CPQ	0.583098915	2.42E-41
RP3-483K16.4	RPS6KA6	0.626143723	3.61E-49
RP3-483K16.4	TLE1	0.546431489	1.54E-35
RP3-483K16.4	TP53INP2	0.660304507	2.60E-56
RP3-483K16.4	KATNAL2	0.655846773	2.51E-55
RP3-483K16.4	SGPP2	0.209381226	9.70E-06
RP3-483K16.4	CTH	0.517665535	1.83E-31
RP3-483K16.4	KIF12	0.465229063	5.82E-25
RP3-483K16.4	TMEM220	0.595373232	1.87E-43
RP3-483K16.4	CENPJ	0.538639798	2.14E-34
RP3-483K16.4	FAM155B	0.518410181	1.45E-31
RP3-483K16.4	WFS1	0.531781893	2.05E-33
RP3-483K16.4	SELENBP1	0.642569028	1.72E-52
RP3-483K16.4	SNTA1	0.483914213	3.77E-27
RP3-483K16.4	FRAS1	0.215622138	5.15E-06
RP3-483K16.4	FBLN7	0.560583306	1.08E-37
RP3-483K16.4	AGPAT9	0.538455126	2.27E-34
RP3-483K16.4	GPR83	0.536292036	4.66E-34
RP3-483K16.4	PRTG	0.509488685	2.25E-30
RP3-483K16.4	EGR3	0.460970894	1.76E-24
RP3-483K16.4	GRAMD2	0.392741121	1.22E-17
RP3-483K16.4	HYOU1	0.502192787	2.00E-29
RP3-483K16.4	FBLN5	0.54792383	9.21E-36
RP3-483K16.4	ITM2A	0.624841351	6.49E-49
RP3-483K16.4	SRF	0.643599831	1.05E-52
RP3-483K16.4	FGFR2	0.495985348	1.23E-28
RP3-483K16.4	MT1A	0.433492413	1.54E-21
RP3-483K16.4	MAMDC2	0.458380165	3.42E-24
RP3-483K16.4	FHL2	0.468673795	2.35E-25
RP3-483K16.4	FTCDNL1	0.472408513	8.71E-26
RP3-483K16.4	PKIA	0.527747544	7.57E-33

RP3-483K16.4	DNAJB4	0.527605139	7.92E-33
RP3-483K16.4	SLC25A33	0.649685857	5.41E-54
RP3-483K16.4	EYA2	0.379609185	1.70E-16
RP3-483K16.4	LPAR1	0.282132205	1.78E-09
RP3-483K16.4	STX11	0.294574599	3.08E-10
RP3-483K16.4	ARHGEF28	0.384647317	6.27E-17
RP3-483K16.4	OR2W3	0.483838543	3.85E-27
RP3-483K16.4	ALDH1B1	0.462185534	1.29E-24
RP3-483K16.4	CXCL12	0.399965463	2.71E-18
RP3-483K16.4	OLFM2	0.620712183	4.10E-48
RP3-483K16.4	TUB	0.458027983	3.75E-24
RP3-483K16.4	HTRA3	0.498357577	6.15E-29
RP3-483K16.4	CKB	0.471833008	1.02E-25
RP3-483K16.4	RGS2	0.268212362	1.14E-08
RP3-483K16.4	SHANK2	0.642170749	2.09E-52
RP3-483K16.4	CNTFR	0.64507187	5.16E-53
RP3-483K16.4	CYTH3	0.653684392	7.44E-55
RP3-483K16.4	PLAC9	0.629195685	9.03E-50
RP3-483K16.4	WVOX	0.659904739	3.19E-56
RP3-483K16.4	NPR3	0.510012703	1.92E-30
RP3-483K16.4	SDC2	0.499230302	4.77E-29
RP3-483K16.4	KLF15	0.538698519	2.10E-34
RP3-483K16.4	TMEM164	0.546542689	1.48E-35
RP3-483K16.4	LONRF3	0.377854445	2.40E-16
RP3-483K16.4	GBP1	0.229274617	1.20E-06
RP3-483K16.4	ARHGAP6	0.462993352	1.04E-24
RP3-483K16.4	TMEM119	0.36811625	1.55E-15
RP3-483K16.4	SH3RF1	0.463040797	1.03E-24
RP3-483K16.4	CRELD2	0.579126052	1.12E-40
RP3-483K16.4	PCP4	0.153696821	0.001236437
RP3-483K16.4	GCSH	0.660990149	1.83E-56
RP3-483K16.4	IMPA2	0.56136795	8.13E-38
RP3-483K16.4	C1R	0.202413326	1.93E-05
RP3-483K16.4	SUCNR1	0.505891053	6.65E-30
RP3-483K16.4	SFRP1	0.560872938	9.71E-38
RP3-483K16.4	UGT8	0.391087582	1.71E-17
RP3-483K16.4	TLE4	0.433777704	1.44E-21
RP3-483K16.4	ANTXR1	0.482858731	5.05E-27
RP3-483K16.4	GPX3	0.375989497	3.45E-16
RP3-483K16.4	DPY19L2	0.562755119	4.93E-38
RP3-483K16.4	FAM46C	0.38391955	7.25E-17
RP3-483K16.4	IL33	0.421268165	2.59E-20
RP3-483K16.4	PEG3	0.542040418	6.83E-35
RP3-483K16.4	FAHD2A	0.597301935	8.54E-44
RP3-483K16.4	PTGDS	0.260027144	3.24E-08
RP3-483K16.4	CHCHD10	0.405354075	8.62E-19
RP3-483K16.4	CD36	0.604698751	4.03E-45
RP3-483K16.4	ANKRD37	0.682775011	1.52E-61
RP3-483K16.4	TSPAN33	0.536286788	4.67E-34
RP3-483K16.4	PRDM16	0.58170437	4.15E-41
RP3-483K16.4	UST	0.60463925	4.13E-45

RP3-483K16.4	NEXN	0.650593474	3.46E-54
RP3-483K16.4	NUPR1L	0.311300661	2.55E-11
RP3-483K16.4	SLC24A3	0.512578186	8.80E-31
RP3-483K16.4	MARC1	0.62856926	1.20E-49
RP3-483K16.4	MYH11	0.504070004	1.14E-29
RP3-483K16.4	APOA1	0.609563721	5.18E-46
RP3-483K16.4	TMEM178B	0.440666813	2.79E-22
RP3-483K16.4	CAPN6	0.434945971	1.09E-21
RP3-483K16.4	PPM1L	0.588631492	2.77E-42
RP3-483K16.4	FZD8	0.62487681	6.39E-49
RP3-483K16.4	RCAN2	0.635431917	5.06E-51
RP3-483K16.4	COPZ2	0.615928861	3.35E-47
RP3-483K16.4	GAS1	0.439156387	4.01E-22
RP3-483K16.4	DACT1	0.482165076	6.12E-27
RP3-483K16.4	WBSCR17	0.628874211	1.05E-49
RP3-483K16.4	NCS1	0.478903456	1.50E-26
RP3-483K16.4	SPIRE2	0.545517276	2.10E-35
RP3-483K16.4	C15orf52	0.353686431	2.21E-14
RP3-483K16.4	SPAG5	0.508167471	3.36E-30
RP3-483K16.4	ARL4D	0.436013769	8.49E-22
RP3-483K16.4	FAM189A2	0.635757788	4.35E-51
RP3-483K16.4	MAP1LC3A	0.647992603	1.24E-53
RP3-483K16.4	KLF6	0.256611134	4.96E-08
RP3-483K16.4	ADD3	0.469302347	1.99E-25
RP3-483K16.4	TSPAN7	0.654794553	4.26E-55
RP3-483K16.4	KLF9	0.574997097	5.36E-40
RP3-483K16.4	KCNQ1	0.581290134	4.87E-41
RP3-483K16.4	MAN1A1	0.275680948	4.26E-09
RP3-483K16.4	MLF1	0.505181512	8.22E-30
RP3-483K16.4	RARB	0.695084646	1.29E-64
RP3-483K16.4	CDC42EP2	0.603943113	5.53E-45
RP3-483K16.4	FAM3B	0.304811139	6.84E-11
RP3-483K16.4	GADD45B	0.350912803	3.63E-14
RP3-483K16.4	TMEM47	0.572780605	1.23E-39
RP3-483K16.4	SDF2L1	0.50691753	4.89E-30
RP3-483K16.4	CCDC85A	0.292985099	3.87E-10
RP3-483K16.4	CRYBG3	0.141976592	0.002869572
RP3-483K16.4	FBLN2	0.294878556	2.95E-10
RP3-483K16.4	PEBP4	0.317087938	1.04E-11
RP3-483K16.4	CDADC1	0.662893818	6.83E-57
RP3-483K16.4	FAM63A	0.54313831	4.72E-35
RP3-483K16.4	GLUL	0.422400437	2.00E-20
RP3-483K16.4	FREM2	0.366588307	2.07E-15
RP3-483K16.4	ACKR3	0.600263002	2.54E-44
RP3-483K16.4	DENND6A	0.632971394	1.59E-50
RP3-483K16.4	CLDN8	0.142957893	0.002680405
RP3-483K16.4	UTS2R	0.222614105	2.47E-06
RP3-483K16.4	SCNN1B	0.517952685	1.68E-31
RP3-483K16.4	TTC30A	0.539658119	1.52E-34
RP3-483K16.4	CORO2B	0.730063782	2.91E-74
RP3-483K16.4	TC2N	0.271316259	7.59E-09

RP3-483K16.4	ALDH2	0.602421766	1.04E-44
RP3-483K16.4	GPR183	0.21954784	3.42E-06
RP3-483K16.4	C4orf47	0.625317357	5.24E-49
RP3-483K16.4	SLC25A42	0.653394122	8.60E-55
RP3-483K16.4	LGMN	0.506453296	5.62E-30
RP3-483K16.4	ACSF2	0.530560532	3.05E-33
RP3-483K16.4	KIAA1467	0.556413573	4.76E-37
RP3-483K16.4	PRKG1	0.703776649	7.01E-67
RP3-483K16.4	GNAI1	0.598740804	4.75E-44
RP3-483K16.4	ABCC4	0.372836879	6.33E-16
RP3-483K16.4	PRPS1	0.546248731	1.64E-35
RP3-483K16.4	TSPAN5	0.329259352	1.47E-12
RP3-483K16.4	CR2	0.241800872	2.93E-07
RP3-483K16.4	CCDC170	0.457521269	4.26E-24
RP3-483K16.4	RRAD	0.153681148	0.001237879
RP3-483K16.4	SCGB2A1	0.497492086	7.92E-29
RP3-483K16.4	SESN3	0.323815636	3.56E-12
RP3-483K16.4	SGK223	0.350067027	4.22E-14
RP3-483K16.4	NDRG2	0.705594932	2.30E-67
RP3-483K16.4	C3orf52	0.236307408	5.49E-07
RP3-483K16.4	FLRT3	-0.299578548	1.49E-10
RP3-483K16.4	MST1R	-0.572712665	1.26E-39
RP3-483K16.4	SDC1	-0.486207013	1.99E-27
RP3-483K16.4	ST8SIA4	-0.575977689	3.70E-40
RP3-483K16.4	UBTD1	-0.307235564	4.74E-11
RP3-483K16.4	EPHA2	-0.352517621	2.73E-14
RP3-483K16.4	TMEM130	-0.142036163	0.002857751
RP3-483K16.4	SPINK2	-0.418504733	4.83E-20
RP3-483K16.4	MMP16	-0.541313928	8.73E-35
RP3-483K16.4	SIGLEC15	-0.421327154	2.56E-20
RP3-483K16.4	RIN1	-0.397028579	5.01E-18
RP3-483K16.4	IL1RN	-0.528640055	5.68E-33
RP3-483K16.4	FCER1G	-0.252786704	7.93E-08
RP3-483K16.4	CD276	-0.492326868	3.51E-28
RP3-483K16.4	CTSB	-0.450049563	2.80E-23
RP3-483K16.4	FAM171A2	-0.124950938	0.008771673
RP3-483K16.4	ASPHD1	-0.493165977	2.76E-28
RP3-483K16.4	C15orf48	-0.38015767	1.53E-16
RP3-483K16.4	DYSF	-0.128411271	0.007059897
RP3-483K16.4	PDZRN4	-0.037757446	0.430034727
RP3-483K16.4	EFHD2	-0.195693004	3.65E-05
RP3-483K16.4	ASF1B	-0.470894683	1.31E-25
RP3-483K16.4	AQP1	-0.031366824	0.512148795
RP3-483K16.4	ARRDC2	-0.323677132	3.64E-12
RP3-483K16.4	PRSS1	-0.28393493	1.38E-09
RP3-483K16.4	MAPK13	-0.588649789	2.75E-42
RP3-483K16.4	CST5	-0.501556382	2.41E-29
RP3-483K16.4	AHR	-0.475090231	4.23E-26
RP3-483K16.4	BAX	-0.44859261	4.02E-23
RP3-483K16.4	C1orf115	-0.205549066	1.42E-05
RP3-483K16.4	PLK3	-0.326906271	2.16E-12

RP3-483K16.4	JAG2	-0.202121354	1.98E-05
RP3-483K16.4	RAD23B	-0.48106839	8.28E-27
RP3-483K16.4	CA12	0.084101509	0.078370874
RP3-483K16.4	ADTRP	-0.204454791	1.58E-05
RP3-483K16.4	UCP2	-0.226300573	1.67E-06
RP3-483K16.4	IGFBP2	-0.272222387	6.74E-09
RP3-483K16.4	LOXL2	-0.201017576	2.20E-05
RP3-483K16.4	GPX1	-0.402036996	1.75E-18
RP3-483K16.4	P3H3	-0.396967944	5.07E-18
RP3-483K16.4	C2orf81	-0.218235703	3.93E-06
RP3-483K16.4	CDT1	-0.546071222	1.74E-35
RP3-483K16.4	SNX25	-0.271595324	7.32E-09
RP3-483K16.4	MTHFD1L	-0.599615798	3.31E-44
RP3-483K16.4	CDC42BPG	-0.614618519	5.91E-47
RP3-483K16.4	MSN	-0.562482507	5.44E-38
RP3-483K16.4	SIGLEC6	-0.355403421	1.62E-14
RP3-483K16.4	F2R	-0.174584776	0.000237109
RP3-483K16.4	TMEM184A	-0.570297459	3.11E-39
RP3-483K16.4	CKS2	-0.396223156	5.92E-18
RP3-483K16.4	TAX1BP3	-0.439990391	3.28E-22
RP3-483K16.4	PMEP1	-0.277062159	3.54E-09
RP3-483K16.4	CXCL16	-0.566845636	1.11E-38
RP3-483K16.4	FAXC	-0.666062038	1.31E-57
RP3-483K16.4	VTCN1	-0.534998317	7.15E-34
RP3-483K16.4	SH2D4A	-0.517150169	2.15E-31
RP3-483K16.4	RNF24	-0.474801592	4.58E-26
RP3-483K16.4	LY6G6C	-0.46021627	2.14E-24
RP3-483K16.4	NID1	-0.315383267	1.36E-11
RP3-483K16.4	STAC	-0.61712916	1.98E-47
RP3-483K16.4	RAB34	-0.391083327	1.71E-17
RP3-483K16.4	HES4	-0.253205408	7.53E-08
RP3-483K16.4	EPHA10	-0.547604767	1.03E-35
RP3-483K16.4	ENTPD2	-0.325591227	2.67E-12
RP3-483K16.4	DDB2	-0.527862006	7.29E-33
RP3-483K16.4	NKAIN4	-0.291863946	4.55E-10
RP3-483K16.4	TRIM29	-0.435198559	1.03E-21
RP3-483K16.4	ADCY8	-0.528916271	5.19E-33
RP3-483K16.4	SFTA2	-0.405773913	7.88E-19
RP3-483K16.4	NRIP1	-0.453996541	1.04E-23
RP3-483K16.4	VWA1	0.006273322	0.89572212
RP3-483K16.4	APLNR	-0.029259547	0.540909238
RP3-483K16.4	REN	-0.35267297	2.65E-14
RP3-483K16.4	EDIL3	-0.160019999	0.000765602
RP3-483K16.4	AGR1	-0.428402637	5.06E-21
RP3-483K16.4	TREM1	-0.391390405	1.60E-17
RP3-483K16.4	SRL	-0.349246853	4.87E-14
RP3-483K16.4	RASGRF1	-0.401361567	2.02E-18
RP3-483K16.4	RMI2	-0.420321669	3.21E-20
RP3-483K16.4	SAMD1	-0.395426527	6.99E-18
RP3-483K16.4	MGAT4B	-0.632544818	1.94E-50
RP3-483K16.4	NXN	-0.498453459	5.98E-29

RP3-483K16.4	SH3BGRL3	-0.382871372	8.93E-17
RP3-483K16.4	CA11	-0.220311847	3.16E-06
RP3-483K16.4	PLD3	-0.215273857	5.34E-06
RP3-483K16.4	LURAP1L	-0.510479064	1.67E-30
RP3-483K16.4	CARNS1	-0.228320903	1.34E-06
RP3-483K16.4	PDLIM7	-0.252208079	8.50E-08
RP3-483K16.4	BCL2L1	-0.611878839	1.93E-46
RP3-483K16.4	GGT6	-0.253456885	7.30E-08
RP3-483K16.4	DPYSL3	-0.307799722	4.36E-11
RP3-483K16.4	FYN	-0.464026566	7.97E-25
RP3-483K16.4	TK1	-0.409951447	3.19E-19
RP3-483K16.4	AK1	-0.238394544	4.33E-07
RP3-483K16.4	HIGD1B	0.047221753	0.32357624
RP3-483K16.4	TMEM59L	-0.341249143	1.96E-13
RP3-483K16.4	MEGF9	-0.48560229	2.35E-27
RP3-483K16.4	ZFP36L1	-0.444963136	9.82E-23
RP3-483K16.4	ADRA1B	-0.252133614	8.58E-08
RP3-483K16.4	EPHA4	-0.522523321	4.00E-32
RP3-483K16.4	TCERG1L	-0.088744554	0.063201625
RP3-483K16.4	NGFR	-0.110207942	0.020912055
RP3-483K16.4	EBI3	-0.457890897	3.88E-24
RP3-483K16.4	S100A10	-0.413074705	1.61E-19
RP3-483K16.4	S100B	-0.261903013	2.56E-08
RP3-483K16.4	CD44	-0.178553809	0.000169428
RP3-483K16.4	BHLHE41	-0.39300274	1.15E-17
RP3-483K16.4	FBXO2	-0.310085218	3.08E-11
RP3-483K16.4	SLC30A2	-0.50837356	3.15E-30
RP3-483K16.4	FRMD5	-0.62071658	4.09E-48
RP3-483K16.4	SAMD11	-0.296220266	2.43E-10
RP3-483K16.4	SIPA1L2	-0.410550143	2.80E-19
RP3-483K16.4	S100A16	-0.519491974	1.04E-31
RP3-483K16.4	PPL	-0.645862987	3.51E-53
RP3-483K16.4	ARHGD1B	-0.121381105	0.010915778
RP3-483K16.4	CDC42EP3	-0.590609484	1.26E-42
RP3-483K16.4	RUNX2	-0.349062039	5.04E-14
RP3-483K16.4	LAMC2	-0.603676388	6.18E-45
RP3-483K16.4	BRINP1	-0.402162097	1.70E-18
RP3-483K16.4	GPRC5B	-0.477164743	2.41E-26
RP3-483K16.4	AQP5	-0.044048285	0.357191579
RP3-483K16.4	PLAG1	-0.354332075	1.97E-14
RP3-483K16.4	PTPRU	-0.560268569	1.21E-37
RP3-483K16.4	ANGPTL4	-0.379788184	1.64E-16
RP3-483K16.4	PALM3	-0.232373479	8.55E-07
RP3-483K16.4	ACP5	-0.312283412	2.19E-11
RP3-483K16.4	DLG4	-0.249122195	1.23E-07
RP3-483K16.4	ETNK2	-0.296809246	2.23E-10
RP3-483K16.4	CD109	-0.413991541	1.32E-19
RP3-483K16.4	SNX22	-0.166164959	0.000472378
RP3-483K16.4	TMEM98	-0.445350422	8.93E-23
RP3-483K16.4	CTHRC1	-0.272536698	6.47E-09
RP3-483K16.4	S100A2	-0.401009882	2.17E-18

RP3-483K16.4	C11orf80	-0.549535953	5.28E-36
RP3-483K16.4	SREBF1	-0.484008535	3.67E-27
RP3-483K16.4	PRSS22	-0.55645045	4.70E-37
RP3-483K16.4	CMTM3	-0.414661155	1.14E-19
RP3-483K16.4	RDH5	-0.372089822	7.30E-16
RP3-483K16.4	MYH10	-0.494424925	1.92E-28
RP3-483K16.4	EVPL	-0.473686751	6.18E-26
RP3-483K16.4	SCD	-0.478335894	1.75E-26
RP3-483K16.4	CD151	-0.36768861	1.68E-15
RP3-483K16.4	S100A4	-0.331546833	1.01E-12
RP3-483K16.4	BNIP1	-0.260697609	2.98E-08
RP3-483K16.4	MAP3K6	-0.499973884	3.84E-29
RP3-483K16.4	MANEAL	-0.481921683	6.55E-27
RP3-483K16.4	CD207	-0.250967961	9.88E-08
RP3-483K16.4	CD1A	-0.292369731	4.23E-10
RP3-483K16.4	C3	-0.355669672	1.55E-14
RP3-483K16.4	NT5E	-0.492409913	3.43E-28
RP3-483K16.4	CACNG4	-0.510458576	1.68E-30
RP3-483K16.4	FHOD1	-0.399295423	3.12E-18
RP3-483K16.4	LEMD1	-0.548817689	6.77E-36
RP3-483K16.4	ATP11A	-0.290341535	5.64E-10
RP3-483K16.4	PPAP2C	-0.337289826	3.85E-13
RP3-483K16.4	DRAM1	-0.539475078	1.62E-34
RP3-483K16.4	CDA	-0.097086857	0.042032206
RP3-483K16.4	CCND2	-0.220076397	3.24E-06
RP3-483K16.4	LCN6	-0.06282822	0.188865519
RP3-483K16.4	CDH4	-0.422325121	2.04E-20
RP3-483K16.4	MMP11	-0.408551655	4.33E-19
RP3-483K16.4	B3GAT1	-0.384541932	6.40E-17
RP3-483K16.4	SPP1	-0.268238744	1.14E-08
RP3-483K16.4	HLA-DQB1	-0.375477181	3.81E-16
RP3-483K16.4	SDC3	-0.462451463	1.20E-24
RP3-483K16.4	CX3CL1	-0.386056684	4.73E-17
RP3-483K16.4	SDK1	-0.312598575	2.09E-11
RP3-483K16.4	DOCK9	-0.528919545	5.19E-33
RP3-483K16.4	CSF2	-0.470013914	1.65E-25
RP3-483K16.4	GRHL3	-0.591050811	1.06E-42
RP3-483K16.4	TMEM92	-0.54682935	1.34E-35
RP3-483K16.4	BASP1	-0.45579284	6.62E-24
RP3-483K16.4	HRH1	-0.542379906	6.10E-35
RP3-483K16.4	ESM1	-0.090733325	0.057489066
RP3-483K16.4	B4GALNT3	-0.536741873	4.02E-34
RP3-483K16.4	LMO3	-0.284062965	1.36E-09
RP3-483K16.4	C9orf16	-0.460426452	2.03E-24
RP3-483K16.4	SEMA3F	-0.226451346	1.64E-06
RP3-483K16.4	PLA2G12B	-0.188813716	6.87E-05
RP3-483K16.4	KLK6	-0.35947654	7.74E-15
RP3-483K16.4	ST3GAL5	-0.324661412	3.11E-12
RP3-483K16.4	FAM132B	-0.173331714	0.000263258
RP3-483K16.4	CDKN1A	-0.314982647	1.44E-11
RP3-483K16.4	E2F1	-0.548426218	7.75E-36

RP3-483K16.4	B3GNT8	-0.352472517	2.75E-14
RP3-483K16.4	MTMR11	-0.535732062	5.61E-34
RP3-483K16.4	MYO1G	-0.431576601	2.42E-21
RP3-483K16.4	TMSB10	-0.387814048	3.32E-17
RP3-483K16.4	UNC5CL	-0.589654635	1.85E-42
RP3-483K16.4	ABR	-0.595996181	1.45E-43
RP3-483K16.4	PLP2	-0.471831589	1.02E-25
RP3-483K16.4	SRCIN1	-0.506369967	5.76E-30
RP3-483K16.4	PDE9A	-0.535274424	6.52E-34
RP3-483K16.4	TREM2	-0.271644825	7.27E-09
RP3-483K16.4	KDELR3	-0.364522731	3.05E-15
RP3-483K16.4	PC	-0.41302882	1.63E-19
RP3-483K16.4	C2CD4A	-0.595419967	1.83E-43
RP3-483K16.4	PELI1	-0.427863655	5.74E-21
RP3-483K16.4	SSX1	-0.273767846	5.49E-09
RP3-483K16.4	MROH6	-0.466550703	4.12E-25
RP3-483K16.4	ESPN	-0.353248509	2.39E-14
RP3-483K16.4	BMP1	-0.308718473	3.79E-11
RP3-483K16.4	TM4SF4	-0.426921307	7.13E-21
RP3-483K16.4	CORO2A	-0.527977746	7.03E-33
RP3-483K16.4	CD164L2	-0.426592241	7.69E-21
RP3-483K16.4	CTSS	-0.457159442	4.68E-24
RP3-483K16.4	CLU	-0.355655771	1.55E-14
RP3-483K16.4	TMSB4X	-0.390783128	1.82E-17
RP3-483K16.4	WNT10A	-0.407960846	4.92E-19
RP3-483K16.4	NAPSA	-0.377541906	2.55E-16
RP3-483K16.4	PLEKHA4	-0.345063503	1.01E-13
RP3-483K16.4	SFTPA1	-0.03087197	0.518830518
RP3-483K16.4	C1orf116	-0.45821769	3.57E-24
RP3-483K16.4	TM4SF1	-0.37304304	6.08E-16
RP3-483K16.4	SEL1L3	-0.510521757	1.65E-30
RP3-483K16.4	VASN	-0.525892879	1.37E-32
RP3-483K16.4	NPTXR	-0.589078066	2.32E-42
RP3-483K16.4	PDE4C	-0.550280031	4.08E-36
RP3-483K16.4	CDC42EP1	-0.47104574	1.25E-25
RP3-483K16.4	ENDOD1	-0.604648824	4.12E-45
RP3-483K16.4	RYR1	-0.446590577	6.59E-23
RP3-483K16.4	IL1RAP	-0.526512992	1.12E-32
RP3-483K16.4	SLC35F2	-0.606044879	2.29E-45
RP3-483K16.4	ISYNA1	-0.254396558	6.51E-08
RP3-483K16.4	HLA-G	-0.51335205	6.94E-31
RP3-483K16.4	CDKN2B	-0.497817532	7.20E-29
RP3-483K16.4	ALDH1A3	-0.512099839	1.02E-30
RP3-483K16.4	CLIP3	-0.37112157	8.79E-16
RP3-483K16.4	ULBP2	-0.409839609	3.27E-19
RP3-483K16.4	ETHE1	-0.615921557	3.36E-47
RP3-483K16.4	XPR1	-0.527518193	8.14E-33
RP3-483K16.4	SPTBN2	-0.634825633	6.72E-51
RP3-483K16.4	IVL	-0.484259837	3.42E-27
RP3-483K16.4	MARCO	-0.401878351	1.81E-18
RP3-483K16.4	PLXND1	-0.176597518	0.000200134

RP3-483K16.4	EMILIN2	-0.473274217	6.91E-26
RP3-483K16.4	PLAUR	-0.443756455	1.32E-22
RP3-483K16.4	CDC42EP5	-0.413843889	1.36E-19
RP3-483K16.4	TRPC5	-0.217006161	4.46E-06
RP3-483K16.4	TMEM100	-0.300666157	1.27E-10
RP3-483K16.4	QSOX1	-0.490183493	6.47E-28
RP3-483K16.4	ARHGAP23	-0.421910105	2.24E-20
RP3-483K16.4	MDFI	-0.259135129	3.62E-08
RP3-483K16.4	FSTL3	-0.46991168	1.70E-25
RP3-483K16.4	INF2	-0.368001858	1.59E-15
RP3-483K16.4	TGFBR1	-0.453654713	1.14E-23
RP3-483K16.4	TGFBI	-0.269781367	9.29E-09
RP3-483K16.4	ERBB3	-0.604222461	4.92E-45
RP3-483K16.4	CCL18	-0.296420257	2.36E-10
RP3-483K16.4	CCL17	-0.293125635	3.80E-10
RP3-483K16.4	C16orf45	-0.351484833	3.28E-14
RP3-483K16.4	PRDM1	-0.208521408	1.06E-05
RP3-483K16.4	TRIM47	-0.556076851	5.37E-37
RP3-483K16.4	CNFN	-0.421227939	2.61E-20
RP3-483K16.4	ARMCX3	-0.293988314	3.35E-10
RP3-483K16.4	RAMP1	-0.184788197	9.85E-05
RP3-483K16.4	GABRD	-0.007836866	0.869939816
RP3-483K16.4	COL13A1	-0.130041053	0.00636252
RP3-483K16.4	S100A5	-0.391057867	1.72E-17
RP3-483K16.4	MISP	-0.47963484	1.23E-26
RP3-483K16.4	HES6	-0.273077808	6.02E-09
RP3-483K16.4	PSD3	-0.532037342	1.89E-33
RP3-483K16.4	DOK7	-0.508015776	3.51E-30
RP3-483K16.4	ZMAT3	-0.612191023	1.68E-46
RP3-483K16.4	MFAP2	-0.255491825	5.69E-08
RP3-483K16.4	TMEM79	-0.462749889	1.11E-24
RP3-483K16.4	SLC1A5	-0.3511874	3.46E-14
RP3-483K16.4	BBC3	-0.519798768	9.42E-32
RP3-483K16.4	HLA-DQB2	-0.331633992	9.93E-13
RP3-483K16.4	C1QL1	-0.30470469	6.95E-11
RP3-483K16.4	TMEM215	-0.183225033	0.000113027
RP3-483K16.4	PNP	-0.358261465	9.67E-15
RP3-483K16.4	ARNTL	-0.394607487	8.28E-18
RP3-483K16.4	CLDN2	-0.23011026	1.10E-06
RP3-483K16.4	MVP	-0.58456147	1.37E-41
RP3-483K16.4	LGALS1	-0.355108421	1.71E-14
RP3-483K16.4	BIRC7	-0.450438872	2.54E-23
RP3-483K16.4	COL8A1	-0.560202686	1.24E-37
RP3-483K16.4	PERP	-0.669328551	2.33E-58
RP3-483K16.4	GJA4	-0.167145693	0.000436655
RP3-483K16.4	IGFL2	-0.387533147	3.51E-17
RP3-483K16.4	DAPK2	-0.387051601	3.87E-17
RP3-483K16.4	MAMLD1	-0.506624706	5.34E-30
RP3-483K16.4	ETV5	-0.308138572	4.14E-11
RP3-483K16.4	RUNX1	-0.616218919	2.95E-47
RP3-483K16.4	LONRF2	-0.230374424	1.07E-06

RP3-483K16.4	SPOCK1	-0.080123398	0.093604722
RP3-483K16.4	XKRX	-0.361459045	5.38E-15
RP3-483K16.4	TGFB1	-0.205800614	1.38E-05
RP3-483K16.4	ERP27	-0.262358169	2.41E-08
RP3-483K16.4	TNFRSF10C	-0.516199859	2.89E-31
RP3-483K16.4	PALM	-0.444090127	1.22E-22
RP3-483K16.4	TSC22D1	-0.228593869	1.30E-06
RP3-483K16.4	TGM2	-0.543634528	3.99E-35
RP3-483K16.4	UBE2QL1	-0.152531415	0.001348033
RP3-483K16.4	ECE1	-0.458734758	3.13E-24
RP3-483K16.4	COL8A2	-0.482058839	6.30E-27
RP3-483K16.4	HIST3H2A	-0.463187457	9.92E-25
RP3-483K16.4	TNFRSF21	-0.488482935	1.05E-27
RP3-483K16.4	SOX4	-0.557570185	3.16E-37
RP3-483K16.4	ELF3	-0.595584924	1.72E-43
RP3-483K16.4	TPD52L1	-0.49729011	8.40E-29
RP3-483K16.4	INHBB	-0.310800432	2.76E-11
RP3-483K16.4	HPN	-0.473368042	6.73E-26
RP3-483K16.4	MMP7	-0.410344868	2.93E-19
RP3-483K16.4	RAB27A	-0.545357922	2.22E-35
RP3-483K16.4	IGF2BP2	-0.472877852	7.68E-26
RP3-483K16.4	ITGB4	-0.485930431	2.15E-27
RP3-483K16.4	PPP1R1B	-0.443526607	1.39E-22
RP3-483K16.4	NPDC1	-0.264303752	1.88E-08
RP3-483K16.4	CCL13	-0.44163359	2.21E-22
RP3-483K16.4	SPINT1	-0.643716421	9.93E-53
RP3-483K16.4	HEY2	-0.244610634	2.11E-07
RP3-483K16.4	CST2	-0.49889469	5.26E-29
RP3-483K16.4	ADM	-0.408568959	4.31E-19
RP3-483K16.4	VSTM2L	-0.486348567	1.91E-27
RP3-483K16.4	FAM84A	-0.524255013	2.31E-32
RP3-483K16.4	P4HA2	-0.448998691	3.64E-23
RP3-483K16.4	LPL	-0.297966993	1.88E-10
RP3-483K16.4	TMEM173	-0.397625714	4.42E-18
RP3-483K16.4	DHRS3	-0.408350459	4.52E-19
RP3-483K16.4	SCN1B	-0.533231683	1.28E-33
RP3-483K16.4	GLT1D1	-0.324808781	3.03E-12
RP3-483K16.4	PHYHIP	-0.438821297	4.35E-22
RP3-483K16.4	BHLHE40	-0.500243091	3.54E-29
RP3-483K16.4	BID	-0.492433387	3.41E-28
RP3-483K16.4	POSTN	-0.304644764	7.01E-11
RP3-483K16.4	ITGA3	-0.681083176	3.91E-61
RP3-483K16.4	RSPO4	-0.423144941	1.69E-20
RP3-483K16.4	ADAMTS9	-0.115672508	0.015315016
RP3-483K16.4	ABTB2	-0.601264019	1.68E-44
RP3-483K16.4	KCNQ3	-0.657067992	1.35E-55
RP3-483K16.4	ANXA1	-0.408272519	4.60E-19
RP3-483K16.4	S100A11	-0.523175631	3.25E-32
RP3-483K16.4	CEACAM6	-0.548933636	6.51E-36
RP3-483K16.4	IER5L	-0.472601128	8.27E-26
RP3-483K16.4	KRT80	-0.594151232	3.06E-43

RP3-483K16.4	CDH6	-0.491463291	4.49E-28
RP3-483K16.4	UNC5B	-0.457243693	4.58E-24
RP3-483K16.4	PLEKHN1	-0.558351212	2.39E-37
RP3-483K16.4	SYTL1	-0.41800965	5.39E-20
RP3-483K16.4	TMEM163	-0.412827482	1.70E-19
RP3-483K16.4	C4orf48	-0.21502167	5.48E-06
RP3-483K16.4	B3GNT7	-0.294898555	2.94E-10
RP3-483K16.4	BAIAP3	-0.385271827	5.53E-17
RP3-483K16.4	PHLDA2	-0.463237596	9.79E-25
RP3-483K16.4	GAP43	-0.43965698	3.56E-22
RP3-483K16.4	S100A1	-0.484210511	3.47E-27
RP3-483K16.4	PTPRE	-0.604153954	5.06E-45
RP3-483K16.4	CCND1	-0.558821261	2.02E-37
RP3-483K16.4	ST6GALNAC5	-0.622776074	1.64E-48
RP3-483K16.4	KRT17	-0.198494858	2.80E-05
RP3-483K16.4	HPCAL4	-0.250643259	1.03E-07
RP3-483K16.4	GABBR2	-0.214031717	6.06E-06
RP3-483K16.4	DIRAS3	-0.325975109	2.51E-12
RP3-483K16.4	SERINC2	-0.534846217	7.51E-34
RP3-483K16.4	PTCHD4	-0.463554815	9.01E-25
RP3-483K16.4	EPS8	-0.436206739	8.11E-22
RP3-483K16.4	LY6E	-0.472264122	9.05E-26
RP3-483K16.4	UPP1	-0.599272197	3.82E-44
RP3-483K16.4	AHNAK2	-0.636698169	2.80E-51
RP3-483K16.4	PLXNC1	-0.363156696	3.93E-15
RP3-483K16.4	TNC	-0.488473786	1.05E-27
RP3-483K16.4	DUSP4	-0.419902966	3.53E-20
RP3-483K16.4	NRCAM	-0.502911548	1.61E-29
RP3-483K16.4	NRP2	-0.333627728	7.13E-13
RP3-483K16.4	CTSC	-0.513966064	5.75E-31
RP3-483K16.4	AMIGO2	-0.323846415	3.54E-12
RP3-483K16.4	NAB2	-0.354233994	2.00E-14
RP3-483K16.4	TBC1D2	-0.665669645	1.61E-57
RP3-483K16.4	PHLDA3	-0.521813638	5.00E-32
RP3-483K16.4	PTP4A3	-0.436755933	7.12E-22
RP3-483K16.4	CRABP2	-0.244542198	2.12E-07
RP3-483K16.4	GOS2	-0.303914089	7.82E-11
RP3-483K16.4	S100A6	-0.565915041	1.56E-38
RP3-483K16.4	FOXQ1	-0.474445226	5.04E-26
RP3-483K16.4	LRG1	-0.460739628	1.87E-24
RP3-483K16.4	LAMP5	-0.264003553	1.96E-08
RP3-483K16.4	ALDH3B1	-0.624495622	7.58E-49
RP3-483K16.4	CDH2	-0.005627963	0.906397568
RP3-483K16.4	SCG5	-0.177142528	0.000191093
RP3-483K16.4	ZCCHC16	-0.1811049	0.000135992
RP3-483K16.4	GRB7	-0.576501565	3.03E-40
RP3-483K16.4	TIAM1	-0.38625788	4.54E-17
RP3-483K16.4	FXYD5	-0.269263093	9.94E-09
RP3-483K16.4	CLDN9	-0.389037111	2.59E-17
RP3-483K16.4	FAM43A	-0.430081069	3.43E-21
RP3-483K16.4	CHST2	-0.411555769	2.25E-19

RP3-483K16.4	HMGA2	-0.372776527	6.40E-16
RP3-483K16.4	GALNT7	-0.529634122	4.12E-33
RP3-483K16.4	CBLN1	-0.403089713	1.40E-18
RP3-483K16.4	STRA6	-0.449155705	3.50E-23
RP3-483K16.4	MUC21	-0.527287452	8.77E-33
RP3-483K16.4	PRR36	-0.445889475	7.83E-23
RP3-483K16.4	NFE2L3	-0.531863946	2.00E-33
RP3-483K16.4	NR1D1	-0.471789109	1.03E-25
RP3-483K16.4	MUC1	-0.627595406	1.87E-49
RP3-483K16.4	NAT8L	-0.196615726	3.35E-05
RP3-483K16.4	APOC1	-0.129883968	0.006426937
RP3-483K16.4	EVA1A	-0.555201289	7.31E-37
RP3-483K16.4	ENTPD1	-0.311437282	2.50E-11
RP3-483K16.4	COL1A1	-0.322663846	4.29E-12
RP3-483K16.4	FNDC4	-0.406541466	6.68E-19
RP3-483K16.4	FRMD3	-0.133176012	0.005192363
RP3-483K16.4	SHROOM4	-0.467828515	2.94E-25
RP3-483K16.4	NELL2	-0.287649534	8.25E-10
RP3-483K16.4	EPHB3	-0.590159079	1.51E-42
RP3-483K16.4	TMC6	-0.567279091	9.47E-39
RP3-483K16.4	NOD1	-0.399699376	2.86E-18
RP3-483K16.4	GGCT	-0.496785807	9.72E-29
RP3-483K16.4	ICAM1	-0.570303204	3.10E-39
RP3-483K16.4	PRSS23	-0.454532048	9.11E-24
RP3-483K16.4	CFI	-0.484725168	3.01E-27
RP3-483K16.4	CD55	-0.602472969	1.02E-44
RP3-483K16.4	RASD2	-0.426645627	7.60E-21
RP3-483K16.4	KLK11	-0.28339349	1.49E-09
RP3-483K16.4	ICAM5	-0.415080001	1.03E-19
RP3-483K16.4	ADORA1	-0.518159555	1.57E-31
RP3-483K16.4	ITGA2	-0.581365166	4.73E-41
RP3-483K16.4	ABCC3	-0.416721768	7.19E-20
RP3-483K16.4	MFGE8	-0.477246441	2.36E-26
RP3-483K16.4	STK32A	-0.413737227	1.39E-19
RP3-483K16.4	CYSLTR2	-0.299468695	1.51E-10
RP3-483K16.4	LAD1	-0.556940357	3.95E-37
RP3-483K16.4	MGAT3	-0.548401325	7.82E-36
RP3-483K16.4	IGFBP6	-0.30631426	5.45E-11
RP3-483K16.4	CYP2S1	-0.603826451	5.80E-45
RP3-483K16.4	KCNJ2	-0.414266493	1.24E-19
RP3-483K16.4	FAM20A	-0.482346202	5.82E-27
RP3-483K16.4	TGFA	-0.434173217	1.31E-21
RP3-483K16.4	MXRA8	-0.385421678	5.37E-17
RP3-483K16.4	C8orf4	-0.353066531	2.47E-14
RP3-483K16.4	CLDN10	-0.444921831	9.92E-23
RP3-483K16.4	PDE5A	-0.492432111	3.41E-28
RP3-483K16.4	APOE	-0.118275365	0.013146037
RP3-483K16.4	SPOCK2	-0.510086459	1.88E-30
RP3-483K16.4	TENM1	-0.171468185	0.000307167
RP3-483K16.4	SLIT1	-0.189972634	6.19E-05
RP3-483K16.4	CXCL14	-0.161441918	0.000685691

RP3-483K16.4	ECM1	-0.124824206	0.008840846
RP3-483K16.4	DUSP5	-0.505789143	6.85E-30
RP3-483K16.4	SEZ6L2	-0.454085047	1.02E-23
RP3-483K16.4	THRSP	-0.266787678	1.37E-08
RP3-483K16.4	C19orf33	-0.525965145	1.34E-32
RP3-483K16.4	MPZL2	-0.563062197	4.41E-38
RP3-483K16.4	CTSH	-0.471043612	1.25E-25
RP3-483K16.4	CYP1B1	-0.475247316	4.06E-26
RP3-483K16.4	ALOX5	-0.588781272	2.61E-42
RP3-483K16.4	SYTL5	-0.526897248	9.94E-33
RP3-483K16.4	TNFRSF12A	-0.388817476	2.71E-17
RP3-483K16.4	DUSP6	-0.391384589	1.61E-17
RP3-483K16.4	ALOX15B	-0.496048537	1.20E-28
RP3-483K16.4	SDC4	-0.4489716	3.66E-23
RP3-483K16.4	MDK	-0.386895155	3.99E-17
RP3-483K16.4	KRT19	-0.575520122	4.40E-40
RP3-483K16.4	MET	-0.674431645	1.51E-59
RP3-483K16.4	TESC	-0.129702629	0.006502027
RP3-483K16.4	CXCL17	-0.604701467	4.03E-45
RP3-483K16.4	NPC2	-0.33367574	7.07E-13
RP3-483K16.4	COMP	-0.299801587	1.44E-10
RP3-483K16.4	TUSC3	-0.406887336	6.20E-19
RP3-483K16.4	TMPRSS4	-0.627514416	1.94E-49
RP3-483K16.4	LGALS3	-0.592827465	5.21E-43
RP3-483K16.4	CRLF1	-0.417475349	6.08E-20
RP3-483K16.4	CTXN1	-0.416618935	7.35E-20
RP3-483K16.4	PCSK1N	-0.262115628	2.49E-08
RP3-483K16.4	NMU	-0.459543863	2.54E-24
RP3-483K16.4	GALE	-0.485231102	2.61E-27
RP3-483K16.4	PCSK2	-0.245084513	1.99E-07
RP3-483K16.4	GJB3	-0.436590408	7.41E-22
RP3-483K16.4	SLPI	-0.530544505	3.07E-33
RP3-483K16.4	AGR2	-0.301122022	1.18E-10
RP3-483K16.4	MRC2	-0.425360014	1.02E-20
RP3-483K16.4	GOLT1A	-0.370063463	1.07E-15
RP3-483K16.4	SLC27A6	-0.503031985	1.56E-29
RP3-483K16.4	KCNN4	-0.552575313	1.84E-36
RP3-483K16.4	ETV4	-0.390697118	1.85E-17
RP3-483K16.4	SYT12	-0.486528133	1.82E-27
RP3-483K16.4	PVRL4	-0.595451384	1.81E-43
RP3-483K16.4	PLCD3	-0.539270194	1.73E-34
RP3-483K16.4	PLAU	-0.487457451	1.40E-27
RP3-483K16.4	LRRK2	-0.229421206	1.18E-06
RP3-483K16.4	SFN	-0.530934628	2.70E-33
RP3-483K16.4	LPAR5	-0.499121158	4.92E-29
RP3-483K16.4	NGEF	-0.584260633	1.54E-41
RP3-483K16.4	DTX4	-0.518779455	1.30E-31
RP3-483K16.4	CST6	-0.384267193	6.76E-17
RP3-483K16.4	QPCT	-0.383214477	8.34E-17
RP3-483K16.4	TIMP1	-0.395848209	6.40E-18
RP3-483K16.4	CAMK2N1	-0.445918268	7.77E-23

RP3-483K16.4	KLHDC8A	-0.211142987	8.13E-06
RP3-483K16.4	PDLIM4	-0.535128899	6.84E-34
RP3-483K16.4	SCEL	-0.524682723	2.02E-32
RP3-483K16.4	LCN2	-0.645672074	3.86E-53
RP3-483K16.4	PROS1	-0.660648179	2.18E-56
RP3-483K16.4	GABRB2	-0.581344316	4.77E-41
RP3-483K16.4	TMPRSS6	-0.545708047	1.97E-35
RP3-483K16.4	KLK7	-0.412268895	1.92E-19
RP3-483K16.4	PDZK1IP1	-0.527493868	8.21E-33
RP3-483K16.4	CDH3	-0.463979405	8.07E-25
RP3-483K16.4	LRP4	-0.295006281	2.90E-10
RP3-483K16.4	IGSF1	-0.315254053	1.38E-11
RP3-483K16.4	B3GNT3	-0.699269556	1.07E-65
RP3-483K16.4	CLDN1	-0.6086497	7.64E-46
RP3-483K16.4	GDF15	-0.644418516	7.08E-53
RP3-483K16.4	ARHGAP36	-0.286215146	1.01E-09
RP3-483K16.4	LAMB3	-0.552618857	1.81E-36
RP3-483K16.4	KLK10	-0.431797229	2.30E-21
RP3-483K16.4	DPP4	-0.608807139	7.14E-46
RP3-483K16.4	METTL7B	-0.377271423	2.69E-16
RP3-483K16.4	LIPH	-0.619477631	7.07E-48
RP3-483K16.4	CLDN16	-0.582863181	2.65E-41
RP3-483K16.4	CHI3L1	-0.534902527	7.37E-34
RP3-483K16.4	SLC22A31	-0.432793932	1.82E-21
RP3-483K16.4	TACSTD2	-0.485146992	2.67E-27
RP3-483K16.4	SFTPB	-0.495032414	1.61E-28
RP3-483K16.4	RXRG	-0.26395313	1.97E-08
RP3-483K16.4	DCSTAMP	-0.553366814	1.39E-36
RP3-483K16.4	CITED1	-0.329080283	1.51E-12
RP3-483K16.4	SERPINA1	-0.599769904	3.11E-44
RP3-483K16.4	PRR15	-0.277827655	3.19E-09
RP3-483K16.4	SLC34A2	-0.681532233	3.04E-61
RP3-483K16.4	FN1	-0.677113575	3.50E-60
RP3-483K16.4	ZCCHC12	-0.234433311	6.79E-07
AC096669.3	TFF3	0.576136312	3.48E-40
AC096669.3	CCL21	0.335885708	4.88E-13
AC096669.3	TPO	0.64276708	1.57E-52
AC096669.3	MT1G	0.612336218	1.58E-46
AC096669.3	DIO1	0.527570033	8.01E-33
AC096669.3	DPT	0.252456464	8.25E-08
AC096669.3	CDH16	0.565154431	2.06E-38
AC096669.3	CRABP1	0.530176118	3.45E-33
AC096669.3	SLC26A7	0.663099951	6.14E-57
AC096669.3	MT1H	0.569684606	3.90E-39
AC096669.3	SLC26A4	0.631876695	2.64E-50
AC096669.3	SLC5A8	0.622445355	1.90E-48
AC096669.3	PKHD1L1	0.544873033	2.62E-35
AC096669.3	TFCP2L1	0.600542793	2.26E-44
AC096669.3	WSCD2	0.600284711	2.52E-44
AC096669.3	IPCEF1	0.510216797	1.81E-30
AC096669.3	SLC5A5	0.466974285	3.69E-25

AC096669.3	MT1F	0.589385581	2.06E-42
AC096669.3	FOSB	0.272787188	6.26E-09
AC096669.3	SEMA3D	0.519908325	9.11E-32
AC096669.3	BMP8A	0.523023199	3.41E-32
AC096669.3	MATN2	0.626004239	3.84E-49
AC096669.3	PLA2R1	0.502708769	1.71E-29
AC096669.3	COL23A1	0.623681386	1.09E-48
AC096669.3	HGD	0.671402076	7.72E-59
AC096669.3	TCEAL2	0.475870208	3.43E-26
AC096669.3	CHRDL1	0.21433982	5.87E-06
AC096669.3	TNFRSF11B	0.48266301	5.33E-27
AC096669.3	FAM167A	0.607064938	1.49E-45
AC096669.3	KIT	0.51638601	2.73E-31
AC096669.3	SLC4A4	0.660624038	2.20E-56
AC096669.3	SMOC2	0.390973943	1.75E-17
AC096669.3	FHL1	0.577130989	2.39E-40
AC096669.3	OTOS	0.581001465	5.44E-41
AC096669.3	IGFBPL1	0.614147492	7.25E-47
AC096669.3	HBB	0.306771483	5.09E-11
AC096669.3	BEX1	0.449004694	3.63E-23
AC096669.3	FABP4	0.512047207	1.04E-30
AC096669.3	LMOD1	0.51724309	2.09E-31
AC096669.3	SOD3	0.546488198	1.51E-35
AC096669.3	TMEM171	0.509024659	2.59E-30
AC096669.3	PI16	0.283069022	1.56E-09
AC096669.3	ZMAT4	0.600602049	2.21E-44
AC096669.3	MFAP4	0.140427982	0.003192915
AC096669.3	CWH43	0.585782733	8.50E-42
AC096669.3	SPX	0.642713176	1.61E-52
AC096669.3	APOD	0.082729451	0.083380189
AC096669.3	DPP6	0.513293602	7.07E-31
AC096669.3	MMRN1	0.369729378	1.15E-15
AC096669.3	WDR72	0.587245435	4.79E-42
AC096669.3	MPPED2	0.639753826	6.61E-52
AC096669.3	PAPSS2	0.420093652	3.38E-20
AC096669.3	DCN	0.091545228	0.05528329
AC096669.3	SORBS2	0.584028905	1.69E-41
AC096669.3	EGR2	0.291827489	4.57E-10
AC096669.3	EDN3	0.528518837	5.90E-33
AC096669.3	DIO2	0.643676787	1.01E-52
AC096669.3	ITPR1	0.572238174	1.51E-39
AC096669.3	CFD	0.242476476	2.71E-07
AC096669.3	CPXM1	0.325906259	2.54E-12
AC096669.3	ELMO1	0.577993885	1.72E-40
AC096669.3	GPC3	0.429320251	4.09E-21
AC096669.3	MYOC	0.185724404	9.06E-05
AC096669.3	DEPTOR	0.576436048	3.11E-40
AC096669.3	DGKI	0.500924109	2.90E-29
AC096669.3	CARTPT	0.57356599	9.18E-40
AC096669.3	IYD	0.593653247	3.74E-43
AC096669.3	LYVE1	0.329281524	1.46E-12

AC096669.3	CLCNKB	0.584988119	1.16E-41
AC096669.3	NCAM1	0.476998369	2.52E-26
AC096669.3	HBA2	0.236637214	5.29E-07
AC096669.3	GLT8D2	0.451030648	2.19E-23
AC096669.3	OGDHL	0.623041201	1.45E-48
AC096669.3	LIFR	0.506007575	6.42E-30
AC096669.3	CSGALNACT1	0.40675998	6.37E-19
AC096669.3	RAP1GAP	0.561184515	8.68E-38
AC096669.3	COL9A3	0.516389699	2.72E-31
AC096669.3	FBLN1	0.102738754	0.031383459
AC096669.3	EFEMP1	0.337849624	3.50E-13
AC096669.3	AOX1	0.408428973	4.44E-19
AC096669.3	GRIN2C	0.555231203	7.23E-37
AC096669.3	C11orf74	0.61364496	9.01E-47
AC096669.3	PPARGC1A	0.646636563	2.41E-53
AC096669.3	ANGPTL1	0.491972437	3.89E-28
AC096669.3	SCARA5	0.188724265	6.93E-05
AC096669.3	LTF	0.476781617	2.68E-26
AC096669.3	CA4	0.514372368	5.08E-31
AC096669.3	TG	0.585178912	1.08E-41
AC096669.3	FCGBP	0.540294018	1.23E-34
AC096669.3	PBX4	0.497433659	8.05E-29
AC096669.3	CYR61	0.346208064	8.31E-14
AC096669.3	FOS	0.327928949	1.83E-12
AC096669.3	KHDRBS2	0.608691715	7.50E-46
AC096669.3	MUM1L1	0.411874086	2.10E-19
AC096669.3	RGS16	0.555988134	5.54E-37
AC096669.3	MT1M	0.465726256	5.11E-25
AC096669.3	LRP2	0.555379298	6.87E-37
AC096669.3	MAFB	0.467042232	3.62E-25
AC096669.3	KCNK2	0.490741998	5.52E-28
AC096669.3	TBC1D4	0.524283001	2.29E-32
AC096669.3	MIOX	0.587625553	4.12E-42
AC096669.3	TPPP	0.506555697	5.45E-30
AC096669.3	FMOD	0.469581695	1.85E-25
AC096669.3	CITED2	0.437031824	6.67E-22
AC096669.3	RGS8	0.565304351	1.95E-38
AC096669.3	ABI3BP	0.390257866	2.02E-17
AC096669.3	ADH1B	0.2562731	5.17E-08
AC096669.3	OGN	0.161193913	0.000699048
AC096669.3	NR4A1	0.2293797	1.19E-06
AC096669.3	FOXJ1	0.539490448	1.61E-34
AC096669.3	ALDH1A1	0.507612365	3.97E-30
AC096669.3	OCA2	0.355838998	1.50E-14
AC096669.3	TMEM139	0.312935448	1.98E-11
AC096669.3	ARHGAP24	0.592385926	6.22E-43
AC096669.3	SLC25A15	0.55695742	3.93E-37
AC096669.3	DES	0.177530651	0.000184889
AC096669.3	GDF10	0.372367376	6.93E-16
AC096669.3	KIAA1324	0.474870991	4.49E-26
AC096669.3	JUN	0.367973514	1.60E-15

AC096669.3	C7	0.045515859	0.34138243
AC096669.3	LGI3	0.645959921	3.35E-53
AC096669.3	CDON	0.630515751	4.93E-50
AC096669.3	BCL2	0.56649438	1.26E-38
AC096669.3	HLF	0.602622508	9.58E-45
AC096669.3	EGR1	0.361135887	5.71E-15
AC096669.3	IP6K3	0.553297313	1.43E-36
AC096669.3	SCUBE3	0.451226973	2.09E-23
AC096669.3	PKNOX2	0.480113333	1.08E-26
AC096669.3	SMAD9	0.427955888	5.61E-21
AC096669.3	IQGAP2	0.619545928	6.86E-48
AC096669.3	GNA14	0.606081609	2.26E-45
AC096669.3	LAYN	0.405155899	8.99E-19
AC096669.3	AVPR1A	0.550808066	3.40E-36
AC096669.3	PDLIM3	0.419567091	3.80E-20
AC096669.3	GPM6A	0.592405502	6.17E-43
AC096669.3	SDPR	0.450792333	2.33E-23
AC096669.3	CRYAB	0.308817296	3.73E-11
AC096669.3	FOXA2	0.36100014	5.85E-15
AC096669.3	C8orf88	0.514898959	4.32E-31
AC096669.3	ISM1	0.3825694	9.48E-17
AC096669.3	BMP2	0.282827729	1.61E-09
AC096669.3	ID4	0.464606038	6.85E-25
AC096669.3	NUPR1	0.454869632	8.36E-24
AC096669.3	SERTM1	0.580077576	7.76E-41
AC096669.3	IRS1	0.584388504	1.47E-41
AC096669.3	FIBIN	0.265573507	1.60E-08
AC096669.3	PODN	0.128178071	0.007165087
AC096669.3	TDRD9	0.436169212	8.19E-22
AC096669.3	EPHA3	0.312856152	2.01E-11
AC096669.3	AIF1L	0.424804894	1.16E-20
AC096669.3	EBF4	0.564348418	2.76E-38
AC096669.3	ADM2	0.564018183	3.12E-38
AC096669.3	GSTM3	0.563120108	4.32E-38
AC096669.3	HSD17B6	0.422032649	2.18E-20
AC096669.3	AGR3	0.333945256	6.76E-13
AC096669.3	EPHB1	0.505774509	6.88E-30
AC096669.3	TMOD1	0.332248108	8.97E-13
AC096669.3	WASF3	0.605744423	2.60E-45
AC096669.3	SELV	0.612514261	1.47E-46
AC096669.3	ENPP1	0.446788373	6.28E-23
AC096669.3	SYNE1	0.522978108	3.46E-32
AC096669.3	PLCH1	0.474573524	4.87E-26
AC096669.3	CCDC146	0.545198181	2.34E-35
AC096669.3	SLC16A2	0.486605263	1.78E-27
AC096669.3	IER2	0.410395546	2.90E-19
AC096669.3	KCNAB1	0.532366954	1.69E-33
AC096669.3	SYNDIG1	0.467669225	3.07E-25
AC096669.3	C16orf89	0.642626078	1.68E-52
AC096669.3	CTGF	0.221234749	2.86E-06
AC096669.3	NR4A3	0.094109232	0.048774137

AC096669.3	KIAA1456	0.616520474	2.59E-47
AC096669.3	AQP4	0.50839185	3.14E-30
AC096669.3	RNF150	0.474134345	5.48E-26
AC096669.3	C1S	0.012439852	0.794932593
AC096669.3	PFKFB2	0.574622734	6.17E-40
AC096669.3	PROX1	0.496600694	1.03E-28
AC096669.3	TCF7L1	0.519073427	1.18E-31
AC096669.3	HSPB6	0.258896315	3.73E-08
AC096669.3	FHDC1	0.473665661	6.22E-26
AC096669.3	PRR15L	0.480442717	9.84E-27
AC096669.3	SLC1A1	0.492799159	3.07E-28
AC096669.3	BTBD11	0.584818746	1.24E-41
AC096669.3	TRIM58	0.534900034	7.38E-34
AC096669.3	LRIG1	0.529128011	4.85E-33
AC096669.3	ROR2	0.314681524	1.51E-11
AC096669.3	GPR125	0.498501107	5.90E-29
AC096669.3	FLRT1	0.582271622	3.33E-41
AC096669.3	PGF	0.481322919	7.72E-27
AC096669.3	DUSP1	0.290356609	5.63E-10
AC096669.3	PLA2G7	0.319191051	7.45E-12
AC096669.3	PLSCR4	0.439672713	3.54E-22
AC096669.3	FAM46B	0.387774576	3.34E-17
AC096669.3	GLDC	0.450419968	2.55E-23
AC096669.3	ZBTB16	0.387592152	3.47E-17
AC096669.3	OMD	0.094905657	0.046887772
AC096669.3	HSD11B2	0.506186027	6.09E-30
AC096669.3	FGL2	0.132433396	0.005450516
AC096669.3	CLCNKA	0.603004258	8.17E-45
AC096669.3	GATM	0.585018759	1.15E-41
AC096669.3	TNS3	0.375806245	3.57E-16
AC096669.3	TOB1	0.2703805	8.59E-09
AC096669.3	MARC2	0.654374252	5.26E-55
AC096669.3	LRRC2	0.606285169	2.07E-45
AC096669.3	SORD	0.349940232	4.31E-14
AC096669.3	RIMS4	0.401716516	1.87E-18
AC096669.3	SLC29A4	0.485443908	2.46E-27
AC096669.3	SLC39A14	0.610944918	2.87E-46
AC096669.3	FAXDC2	0.608794701	7.18E-46
AC096669.3	HSPB8	0.27757801	3.30E-09
AC096669.3	CCL19	-0.043158933	0.366991922
AC096669.3	KCNIP3	0.598717279	4.79E-44
AC096669.3	CGNL1	0.574458325	6.56E-40
AC096669.3	ATF3	0.055332554	0.247302257
AC096669.3	SGCD	0.31862165	8.16E-12
AC096669.3	STARD13	0.532856633	1.44E-33
AC096669.3	LDHD	0.638852062	1.01E-51
AC096669.3	RCAN1	0.316721521	1.10E-11
AC096669.3	ID3	0.378881915	1.96E-16
AC096669.3	SYTL3	0.598179512	5.97E-44
AC096669.3	MT1E	0.440323111	3.03E-22
AC096669.3	CAMK1D	0.529509739	4.29E-33

AC096669.3	PRKCQ	0.571259526	2.17E-39
AC096669.3	NUAK2	0.370717673	9.49E-16
AC096669.3	LIPG	0.531507038	2.24E-33
AC096669.3	SLC25A25	0.31267841	2.06E-11
AC096669.3	PRKX	0.185612329	9.15E-05
AC096669.3	SRPX	0.132536098	0.005414139
AC096669.3	FAM189A1	0.477915169	1.97E-26
AC096669.3	PLEKHH1	0.520849718	6.78E-32
AC096669.3	WNT11	0.372237918	7.10E-16
AC096669.3	SNAI1	0.268769327	1.06E-08
AC096669.3	FDCSP	0.012352018	0.796348658
AC096669.3	MT1X	0.437028136	6.67E-22
AC096669.3	ACACB	0.592925112	5.01E-43
AC096669.3	ARC	0.101639956	0.033251102
AC096669.3	KLK4	0.267478843	1.25E-08
AC096669.3	ZFPM2	0.251455668	9.32E-08
AC096669.3	AKAP12	0.289143619	6.69E-10
AC096669.3	GJB6	0.37853996	2.10E-16
AC096669.3	ERO1LB	0.577830895	1.83E-40
AC096669.3	DNALI1	0.429533158	3.89E-21
AC096669.3	HKDC1	0.412197938	1.95E-19
AC096669.3	ZFP36L2	0.476163987	3.17E-26
AC096669.3	CAPSL	0.504645201	9.64E-30
AC096669.3	CYP7B1	0.426506995	7.84E-21
AC096669.3	CPQ	0.470934837	1.29E-25
AC096669.3	RPS6KA6	0.509806149	2.05E-30
AC096669.3	TLE1	0.426282583	8.26E-21
AC096669.3	TP53INP2	0.48423872	3.44E-27
AC096669.3	KATNAL2	0.637053359	2.37E-51
AC096669.3	SGPP2	0.20853261	1.06E-05
AC096669.3	CTH	0.495321742	1.49E-28
AC096669.3	KIF12	0.368391557	1.48E-15
AC096669.3	TMEM220	0.568201021	6.75E-39
AC096669.3	CENPJ	0.459860467	2.34E-24
AC096669.3	FAM155B	0.410040486	3.13E-19
AC096669.3	WFS1	0.488778319	9.63E-28
AC096669.3	SELENBP1	0.504758554	9.32E-30
AC096669.3	SNTA1	0.562221182	5.97E-38
AC096669.3	FRAS1	0.225318857	1.85E-06
AC096669.3	FBLN7	0.558522632	2.25E-37
AC096669.3	AGPAT9	0.552976156	1.60E-36
AC096669.3	GPR83	0.436264538	8.00E-22
AC096669.3	PRTG	0.511280132	1.31E-30
AC096669.3	EGR3	0.083162814	0.081770815
AC096669.3	GRAMD2	0.349259051	4.86E-14
AC096669.3	HYOU1	0.524482731	2.15E-32
AC096669.3	FBLN5	0.200490786	2.32E-05
AC096669.3	ITM2A	0.452080364	1.69E-23
AC096669.3	SRF	0.340223118	2.34E-13
AC096669.3	FGFR2	0.411132334	2.47E-19
AC096669.3	MT1A	0.223045022	2.36E-06

AC096669.3	MAMDC2	0.200809815	2.25E-05
AC096669.3	FHL2	0.261082847	2.84E-08
AC096669.3	FTCDNL1	0.561431624	7.94E-38
AC096669.3	PKIA	0.349025135	5.07E-14
AC096669.3	DNAJB4	0.393026422	1.15E-17
AC096669.3	SLC25A33	0.503927575	1.19E-29
AC096669.3	EYA2	0.344775342	1.07E-13
AC096669.3	LPAR1	0.19741384	3.11E-05
AC096669.3	STX11	0.366693002	2.03E-15
AC096669.3	ARHGEF28	0.58265718	2.87E-41
AC096669.3	OR2W3	0.554388593	9.73E-37
AC096669.3	ALDH1B1	0.520251469	8.18E-32
AC096669.3	CXCL12	0.18651849	8.45E-05
AC096669.3	OLFM2	0.343713143	1.28E-13
AC096669.3	TUB	0.403351521	1.32E-18
AC096669.3	HTRA3	0.168905662	0.000378775
AC096669.3	CKB	0.497658639	7.54E-29
AC096669.3	RGS2	0.047844669	0.317227327
AC096669.3	SHANK2	0.518848589	1.27E-31
AC096669.3	CNTFR	0.446848991	6.18E-23
AC096669.3	CYTH3	0.479485205	1.28E-26
AC096669.3	PLAC9	0.285051	1.19E-09
AC096669.3	WVOX	0.560636109	1.06E-37
AC096669.3	NPR3	0.301764051	1.08E-10
AC096669.3	SDC2	0.369780446	1.13E-15
AC096669.3	KLF15	0.521282088	5.92E-32
AC096669.3	TMEM164	0.492954064	2.93E-28
AC096669.3	LONRF3	0.213193494	6.60E-06
AC096669.3	GBP1	0.166922974	0.00044454
AC096669.3	ARHGAP6	0.442083515	1.98E-22
AC096669.3	TMEM119	0.065960794	0.167711511
AC096669.3	SH3RF1	0.442494607	1.79E-22
AC096669.3	CRELD2	0.455058297	7.97E-24
AC096669.3	PCP4	0.090253934	0.058825379
AC096669.3	GCSH	0.614130099	7.30E-47
AC096669.3	IMPA2	0.537362188	3.27E-34
AC096669.3	C1R	-0.007499375	0.875494243
AC096669.3	SUCNR1	0.350394589	3.98E-14
AC096669.3	SFRP1	0.350819725	3.69E-14
AC096669.3	UGT8	0.569190733	4.68E-39
AC096669.3	TLE4	0.11391157	0.016954904
AC096669.3	ANTXR1	0.310934178	2.70E-11
AC096669.3	GPX3	0.410502929	2.83E-19
AC096669.3	DPY19L2	0.52985799	3.83E-33
AC096669.3	FAM46C	0.402652892	1.53E-18
AC096669.3	IL33	0.201661228	2.07E-05
AC096669.3	PEG3	0.512953437	7.85E-31
AC096669.3	FAHD2A	0.611288062	2.48E-46
AC096669.3	PTGDS	0.027841466	0.560706045
AC096669.3	CHCHD10	0.466958964	3.70E-25
AC096669.3	CD36	0.531739252	2.08E-33

AC096669.3	ANKRD37	0.361204402	5.64E-15
AC096669.3	TSPAN33	0.435611302	9.35E-22
AC096669.3	PRDM16	0.465403255	5.57E-25
AC096669.3	UST	0.536456452	4.42E-34
AC096669.3	NEXN	0.4648679	6.40E-25
AC096669.3	NUPR1L	0.272005813	6.94E-09
AC096669.3	SLC24A3	0.547631963	1.02E-35
AC096669.3	MARC1	0.545754247	1.94E-35
AC096669.3	MYH11	0.244423559	2.15E-07
AC096669.3	APOA1	0.450774192	2.34E-23
AC096669.3	TMEM178B	0.334686288	5.97E-13
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AC096669.3	PPM1L	0.546603525	1.45E-35
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AC096669.3	RCAN2	0.507216593	4.47E-30
AC096669.3	COPZ2	0.555535479	6.50E-37
AC096669.3	GAS1	0.230916116	1.00E-06
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AC096669.3	WBSCR17	0.486346522	1.91E-27
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AC096669.3	C15orf52	0.428235056	5.26E-21
AC096669.3	SPAG5	0.40857755	4.30E-19
AC096669.3	ARL4D	0.453562593	1.16E-23
AC096669.3	FAM189A2	0.356246902	1.39E-14
AC096669.3	MAP1LC3A	0.510602071	1.61E-30
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AC096669.3	ADD3	0.326230111	2.41E-12
AC096669.3	TSPAN7	0.353501042	2.29E-14
AC096669.3	KLF9	0.333104762	7.78E-13
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AC096669.3	MAN1A1	0.100287524	0.035679232
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AC096669.3	CDC42EP2	0.358511737	9.24E-15
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AC096669.3	CRYBG3	0.202059971	1.99E-05
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AC096669.3	CDADC1	0.612066554	1.78E-46
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AC096669.3	GLUL	0.373769653	5.29E-16
AC096669.3	FREM2	0.563673763	3.53E-38
AC096669.3	ACKR3	0.404739133	9.83E-19
AC096669.3	DENND6A	0.542510906	5.83E-35
AC096669.3	CLDN8	0.221430365	2.81E-06
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AC096669.3	TC2N	0.251117205	9.70E-08
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AC096669.3	C4orf47	0.426748572	7.42E-21
AC096669.3	SLC25A42	0.597174479	9.00E-44
AC096669.3	LGMN	0.536211755	4.79E-34
AC096669.3	ACSF2	0.594394574	2.78E-43
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AC096669.3	GNAI1	0.565176418	2.04E-38
AC096669.3	ABCC4	0.276535244	3.80E-09
AC096669.3	PRPS1	0.575455414	4.51E-40
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AC096669.3	DYSF	-0.194857921	3.95E-05
AC096669.3	PDZRN4	-0.250839172	1.00E-07
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AC096669.3	ASF1B	-0.246265812	1.73E-07
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AC096669.3	ARRDC2	-0.447870291	4.81E-23
AC096669.3	PRSS1	-0.396603589	5.47E-18
AC096669.3	MAPK13	-0.377427774	2.61E-16
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AC096669.3	JAG2	-0.230872709	1.01E-06
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AC096669.3	IGFBP2	-0.241189297	3.14E-07
AC096669.3	LOXL2	-0.245687191	1.86E-07
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AC096669.3	C2orf81	-0.417668806	5.82E-20
AC096669.3	CDT1	-0.277560704	3.31E-09
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AC096669.3	SIGLEC6	-0.476971906	2.54E-26
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AC096669.3	CKS2	-0.18989645	6.23E-05
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AC096669.3	NID1	-0.32769943	1.90E-12
AC096669.3	STAC	-0.564189826	2.93E-38
AC096669.3	RAB34	-0.539368281	1.68E-34
AC096669.3	HES4	-0.252412896	8.29E-08
AC096669.3	EPHA10	-0.549619474	5.13E-36
AC096669.3	ENTPD2	-0.478092912	1.87E-26
AC096669.3	DDB2	-0.490871794	5.32E-28
AC096669.3	NKAIN4	-0.271767261	7.16E-09
AC096669.3	TRIM29	-0.467015989	3.65E-25
AC096669.3	ADCY8	-0.528593504	5.76E-33
AC096669.3	SFTA2	-0.310000355	3.12E-11
AC096669.3	NRIP1	-0.472643464	8.18E-26
AC096669.3	VWA1	-0.157776111	0.000909404
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AC096669.3	REN	-0.447093676	5.82E-23
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AC096669.3	TREM1	-0.419520989	3.84E-20
AC096669.3	SRL	-0.218769192	3.71E-06
AC096669.3	RASGRF1	-0.517026905	2.24E-31

AC096669.3	RMI2	-0.413408233	1.50E-19
AC096669.3	SAMD1	-0.441439216	2.31E-22
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AC096669.3	CARNS1	-0.255921503	5.40E-08
AC096669.3	PDLIM7	-0.459254469	2.74E-24
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AC096669.3	FYN	-0.467659721	3.08E-25
AC096669.3	TK1	-0.257132366	4.65E-08
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AC096669.3	TCERG1L	-0.204403818	1.59E-05
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AC096669.3	EBI3	-0.478216183	1.81E-26
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AC096669.3	CD44	-0.221776772	2.70E-06
AC096669.3	BHLHE41	-0.406936871	6.13E-19
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AC096669.3	SAMD11	-0.269235174	9.97E-09
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AC096669.3	CDC42EP3	-0.455127522	7.83E-24
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AC096669.3	LAMC2	-0.469235289	2.03E-25
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AC096669.3	RDH5	-0.424355076	1.28E-20
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AC096669.3	EVPL	-0.475842546	3.45E-26
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AC096669.3	C3	-0.440666681	2.79E-22
AC096669.3	NT5E	-0.460112258	2.20E-24
AC096669.3	CACNG4	-0.510941038	1.45E-30
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AC096669.3	LEMD1	-0.564951438	2.22E-38
AC096669.3	ATP11A	-0.283309464	1.51E-09
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AC096669.3	CCND2	-0.324856258	3.01E-12
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AC096669.3	CDH4	-0.357659906	1.08E-14
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AC096669.3	SDK1	-0.504528042	9.98E-30
AC096669.3	DOCK9	-0.424665735	1.20E-20
AC096669.3	CSF2	-0.519813222	9.38E-32
AC096669.3	GRHL3	-0.548587206	7.33E-36
AC096669.3	TMEM92	-0.595085455	2.10E-43
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AC096669.3	HRH1	-0.585355661	1.00E-41
AC096669.3	ESM1	-0.075961757	0.111984827
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AC096669.3	LMO3	-0.146446121	0.002096292
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AC096669.3	E2F1	-0.274071673	5.28E-09
AC096669.3	B3GNT8	-0.35571183	1.54E-14
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AC096669.3	MYO1G	-0.449979938	2.85E-23
AC096669.3	TMSB10	-0.484342131	3.34E-27
AC096669.3	UNC5CL	-0.534908404	7.36E-34
AC096669.3	ABR	-0.465132315	5.97E-25
AC096669.3	PLP2	-0.500282079	3.50E-29
AC096669.3	SRCIN1	-0.321341551	5.30E-12
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AC096669.3	TREM2	-0.252818456	7.90E-08
AC096669.3	KDEL3	-0.323548368	3.72E-12
AC096669.3	PC	-0.484731803	3.00E-27
AC096669.3	C2CD4A	-0.474713675	4.69E-26
AC096669.3	PELI1	-0.535358931	6.35E-34
AC096669.3	SSX1	-0.231730072	9.18E-07
AC096669.3	MROH6	-0.504392429	1.04E-29
AC096669.3	ESPN	-0.481871041	6.64E-27
AC096669.3	BMP1	-0.427237258	6.63E-21
AC096669.3	TM4SF4	-0.495849931	1.27E-28
AC096669.3	CORO2A	-0.473624381	6.28E-26
AC096669.3	CD164L2	-0.414422643	1.20E-19
AC096669.3	CTSS	-0.351064706	3.53E-14
AC096669.3	CLU	-0.556616687	4.43E-37
AC096669.3	TMSB4X	-0.467245792	3.43E-25
AC096669.3	WNT10A	-0.511104464	1.38E-30
AC096669.3	NAPSA	-0.395861651	6.38E-18
AC096669.3	PLEKHA4	-0.492178975	3.66E-28
AC096669.3	SFTPA1	-0.096915052	0.042398624
AC096669.3	C1orf116	-0.467913922	2.88E-25
AC096669.3	TM4SF1	-0.467961727	2.84E-25
AC096669.3	SEL1L3	-0.477416979	2.25E-26
AC096669.3	VASN	-0.54015642	1.29E-34
AC096669.3	NPTXR	-0.494342527	1.97E-28
AC096669.3	PDE4C	-0.413255598	1.55E-19
AC096669.3	CDC42EP1	-0.566777661	1.14E-38
AC096669.3	ENDOD1	-0.552746779	1.73E-36
AC096669.3	RYR1	-0.473921707	5.80E-26
AC096669.3	IL1RAP	-0.543374937	4.35E-35
AC096669.3	SLC35F2	-0.541369926	8.57E-35
AC096669.3	ISYNA1	-0.416218069	8.04E-20
AC096669.3	HLA-G	-0.445362035	8.91E-23
AC096669.3	CDKN2B	-0.464806477	6.51E-25
AC096669.3	ALDH1A3	-0.416794988	7.07E-20
AC096669.3	CLIP3	-0.468549001	2.43E-25
AC096669.3	ULBP2	-0.37212174	7.26E-16
AC096669.3	ETHE1	-0.538523401	2.22E-34
AC096669.3	XPR1	-0.518392813	1.46E-31

AC096669.3	SPTBN2	-0.532432775	1.66E-33
AC096669.3	IVL	-0.496288432	1.12E-28
AC096669.3	MARCO	-0.380030504	1.57E-16
AC096669.3	PLXND1	-0.345494682	9.41E-14
AC096669.3	EMILIN2	-0.366338935	2.17E-15
AC096669.3	PLAUR	-0.509797619	2.05E-30
AC096669.3	CDC42EP5	-0.543960083	3.57E-35
AC096669.3	TRPC5	-0.304205236	7.49E-11
AC096669.3	TMEM100	-0.430195473	3.34E-21
AC096669.3	QSOX1	-0.615812199	3.52E-47
AC096669.3	ARHGAP23	-0.490731643	5.54E-28
AC096669.3	MDFI	-0.381225621	1.24E-16
AC096669.3	FSTL3	-0.562406442	5.59E-38
AC096669.3	INF2	-0.487462343	1.40E-27
AC096669.3	TGFBR1	-0.500471312	3.31E-29
AC096669.3	TGFBI	-0.332644022	8.40E-13
AC096669.3	ERBB3	-0.562580213	5.25E-38
AC096669.3	CCL18	-0.301756816	1.08E-10
AC096669.3	CCL17	-0.446222393	7.21E-23
AC096669.3	C16orf45	-0.423693329	1.49E-20
AC096669.3	PRDM1	-0.281165063	2.03E-09
AC096669.3	TRIM47	-0.50217469	2.01E-29
AC096669.3	CNFN	-0.389215242	2.50E-17
AC096669.3	ARMCX3	-0.357091924	1.20E-14
AC096669.3	RAMP1	-0.458366323	3.44E-24
AC096669.3	GABRD	-0.084391408	0.077344348
AC096669.3	COL13A1	-0.216407045	4.75E-06
AC096669.3	S100A5	-0.402986532	1.43E-18
AC096669.3	MISP	-0.467319556	3.37E-25
AC096669.3	HES6	-0.140350813	0.003209861
AC096669.3	PSD3	-0.414654133	1.14E-19
AC096669.3	DOK7	-0.558231123	2.50E-37
AC096669.3	ZMAT3	-0.447368697	5.44E-23
AC096669.3	MFAP2	-0.402412167	1.61E-18
AC096669.3	TMEM79	-0.523248746	3.18E-32
AC096669.3	SLC1A5	-0.480021412	1.10E-26
AC096669.3	BBC3	-0.484072042	3.61E-27
AC096669.3	HLA-DQB2	-0.350462963	3.93E-14
AC096669.3	C1QL1	-0.445889447	7.83E-23
AC096669.3	TMEM215	-0.168327085	0.000396963
AC096669.3	PNP	-0.413260705	1.55E-19
AC096669.3	ARNTL	-0.540155001	1.29E-34
AC096669.3	CLDN2	-0.323746833	3.60E-12
AC096669.3	MVP	-0.572975813	1.15E-39
AC096669.3	LGALS1	-0.491723625	4.17E-28
AC096669.3	BIRC7	-0.387224459	3.74E-17
AC096669.3	COL8A1	-0.49892908	5.21E-29
AC096669.3	PERP	-0.471477285	1.12E-25
AC096669.3	GJA4	-0.22924962	1.21E-06
AC096669.3	IGFL2	-0.521348808	5.79E-32
AC096669.3	DAPK2	-0.40089944	2.22E-18

AC096669.3	MAMLD1	-0.542443384	5.97E-35
AC096669.3	ETV5	-0.274776827	4.80E-09
AC096669.3	RUNX1	-0.602087862	1.20E-44
AC096669.3	LONRF2	-0.32458702	3.14E-12
AC096669.3	SPOCK1	-0.238830413	4.12E-07
AC096669.3	XKRX	-0.407604434	5.31E-19
AC096669.3	TGFB1	-0.316148149	1.20E-11
AC096669.3	ERP27	-0.264693305	1.79E-08
AC096669.3	TNFRSF10C	-0.329473593	1.42E-12
AC096669.3	PALM	-0.537014362	3.67E-34
AC096669.3	TSC22D1	-0.432317461	2.03E-21
AC096669.3	TGM2	-0.476368114	3.00E-26
AC096669.3	UBE2QL1	-0.252818456	7.90E-08
AC096669.3	ECE1	-0.572585432	1.33E-39
AC096669.3	COL8A2	-0.594874181	2.29E-43
AC096669.3	HIST3H2A	-0.346560286	7.82E-14
AC096669.3	TNFRSF21	-0.535738673	5.60E-34
AC096669.3	SOX4	-0.54759423	1.03E-35
AC096669.3	ELF3	-0.598346048	5.58E-44
AC096669.3	TPD52L1	-0.403259884	1.35E-18
AC096669.3	INHBB	-0.44492158	9.92E-23
AC096669.3	HPN	-0.322544045	4.37E-12
AC096669.3	MMP7	-0.406348135	6.96E-19
AC096669.3	RAB27A	-0.446562401	6.64E-23
AC096669.3	IGF2BP2	-0.479902255	1.14E-26
AC096669.3	ITGB4	-0.55853242	2.24E-37
AC096669.3	PPP1R1B	-0.477392297	2.27E-26
AC096669.3	NPDC1	-0.341727759	1.81E-13
AC096669.3	CCL13	-0.464291642	7.44E-25
AC096669.3	SPINT1	-0.552248731	2.06E-36
AC096669.3	HEY2	-0.300859025	1.23E-10
AC096669.3	CST2	-0.487571474	1.35E-27
AC096669.3	ADM	-0.200256444	2.37E-05
AC096669.3	VSTM2L	-0.37888305	1.96E-16
AC096669.3	FAM84A	-0.501276048	2.62E-29
AC096669.3	P4HA2	-0.35388816	2.13E-14
AC096669.3	LPL	-0.383643941	7.66E-17
AC096669.3	TMEM173	-0.470170672	1.58E-25
AC096669.3	DHRS3	-0.456242065	5.91E-24
AC096669.3	SCN1B	-0.464262327	7.50E-25
AC096669.3	GLT1D1	-0.198406106	2.83E-05
AC096669.3	PHYHIP	-0.466428148	4.25E-25
AC096669.3	BHLHE40	-0.498313577	6.23E-29
AC096669.3	BID	-0.503484566	1.36E-29
AC096669.3	POSTN	-0.303261316	8.62E-11
AC096669.3	ITGA3	-0.587889167	3.72E-42
AC096669.3	RSPO4	-0.554306034	1.00E-36
AC096669.3	ADAMTS9	-0.235963551	5.71E-07
AC096669.3	ABTB2	-0.597052626	9.46E-44
AC096669.3	KCNQ3	-0.606695268	1.74E-45
AC096669.3	ANXA1	-0.431796149	2.30E-21

AC096669.3	S100A11	-0.552950481	1.61E-36
AC096669.3	CEACAM6	-0.449175128	3.48E-23
AC096669.3	IER5L	-0.462804072	1.10E-24
AC096669.3	KRT80	-0.499091644	4.97E-29
AC096669.3	CDH6	-0.552448177	1.92E-36
AC096669.3	UNC5B	-0.424782765	1.16E-20
AC096669.3	PLEKHN1	-0.617684099	1.55E-47
AC096669.3	SYTL1	-0.428978511	4.43E-21
AC096669.3	TMEM163	-0.535654412	5.76E-34
AC096669.3	C4orf48	-0.229584536	1.16E-06
AC096669.3	B3GNT7	-0.429513299	3.91E-21
AC096669.3	BAIAP3	-0.475633028	3.66E-26
AC096669.3	PHLDA2	-0.441622349	2.21E-22
AC096669.3	GAP43	-0.544586688	2.89E-35
AC096669.3	S100A1	-0.312957861	1.98E-11
AC096669.3	PTPRE	-0.568826453	5.36E-39
AC096669.3	CCND1	-0.414285314	1.23E-19
AC096669.3	ST6GALNAC5	-0.571090842	2.31E-39
AC096669.3	KRT17	-0.300284943	1.34E-10
AC096669.3	HPCAL4	-0.351290962	3.39E-14
AC096669.3	GABBR2	-0.305696942	5.99E-11
AC096669.3	DIRAS3	-0.347175364	7.02E-14
AC096669.3	SERINC2	-0.334637916	6.02E-13
AC096669.3	PTCHD4	-0.370748738	9.43E-16
AC096669.3	EPS8	-0.383990773	7.14E-17
AC096669.3	LY6E	-0.529494135	4.31E-33
AC096669.3	UPP1	-0.551702311	2.49E-36
AC096669.3	AHNAK2	-0.517129749	2.17E-31
AC096669.3	PLXNC1	-0.386337599	4.47E-17
AC096669.3	TNC	-0.500246048	3.54E-29
AC096669.3	DUSP4	-0.464023445	7.98E-25
AC096669.3	NRCAM	-0.454849772	8.40E-24
AC096669.3	NRP2	-0.487801231	1.27E-27
AC096669.3	CTSC	-0.481267879	7.84E-27
AC096669.3	AMIGO2	-0.441130968	2.49E-22
AC096669.3	NAB2	-0.416083308	8.28E-20
AC096669.3	TBC1D2	-0.557758183	2.96E-37
AC096669.3	PHLDA3	-0.454570179	9.02E-24
AC096669.3	PTP4A3	-0.431906511	2.24E-21
AC096669.3	CRABP2	-0.262439251	2.39E-08
AC096669.3	GOS2	-0.395145148	7.41E-18
AC096669.3	S100A6	-0.543427139	4.28E-35
AC096669.3	FOXQ1	-0.437301771	6.25E-22
AC096669.3	LRG1	-0.517043644	2.22E-31
AC096669.3	LAMP5	-0.467665111	3.07E-25
AC096669.3	ALDH3B1	-0.561358854	8.15E-38
AC096669.3	CDH2	-0.135293449	0.004515631
AC096669.3	SCG5	-0.274595822	4.92E-09
AC096669.3	ZCCHC16	-0.284435902	1.29E-09
AC096669.3	GRB7	-0.564172804	2.95E-38
AC096669.3	TIAM1	-0.480931403	8.60E-27

AC096669.3	FXYD5	-0.409503854	3.52E-19
AC096669.3	CLDN9	-0.399463881	3.01E-18
AC096669.3	FAM43A	-0.421109324	2.69E-20
AC096669.3	CHST2	-0.470945334	1.29E-25
AC096669.3	HMGA2	-0.425693039	9.46E-21
AC096669.3	GALNT7	-0.398350756	3.80E-18
AC096669.3	CBLN1	-0.349059463	5.04E-14
AC096669.3	STRA6	-0.552246036	2.06E-36
AC096669.3	MUC21	-0.449955781	2.87E-23
AC096669.3	PRR36	-0.523282366	3.15E-32
AC096669.3	NFE2L3	-0.53830977	2.39E-34
AC096669.3	NR1D1	-0.3047356	6.91E-11
AC096669.3	MUC1	-0.492049179	3.80E-28
AC096669.3	NAT8L	-0.248917481	1.26E-07
AC096669.3	APOC1	-0.272672713	6.35E-09
AC096669.3	EVA1A	-0.593197613	4.49E-43
AC096669.3	ENTPD1	-0.200008626	2.43E-05
AC096669.3	COL1A1	-0.419134579	4.19E-20
AC096669.3	FNDC4	-0.458998565	2.92E-24
AC096669.3	FRMD3	-0.102406675	0.031938204
AC096669.3	SHROOM4	-0.487099765	1.55E-27
AC096669.3	NELL2	-0.358767641	8.82E-15
AC096669.3	EPHB3	-0.573640539	8.93E-40
AC096669.3	TMC6	-0.530517042	3.09E-33
AC096669.3	NOD1	-0.518748582	1.31E-31
AC096669.3	GGCT	-0.489104866	8.78E-28
AC096669.3	ICAM1	-0.483340361	4.42E-27
AC096669.3	PRSS23	-0.432444987	1.97E-21
AC096669.3	CFI	-0.532228789	1.77E-33
AC096669.3	CD55	-0.539542478	1.58E-34
AC096669.3	RASD2	-0.557717613	3.00E-37
AC096669.3	KLK11	-0.41746089	6.09E-20
AC096669.3	ICAM5	-0.445029672	9.66E-23
AC096669.3	ADORA1	-0.424541472	1.23E-20
AC096669.3	ITGA2	-0.514828458	4.41E-31
AC096669.3	ABCC3	-0.410263338	2.98E-19
AC096669.3	MFGE8	-0.566862064	1.10E-38
AC096669.3	STK32A	-0.295475255	2.71E-10
AC096669.3	CYSLTR2	-0.408747491	4.15E-19
AC096669.3	LAD1	-0.509468377	2.27E-30
AC096669.3	MGAT3	-0.540929238	9.94E-35
AC096669.3	IGFBP6	-0.477017803	2.51E-26
AC096669.3	CYP2S1	-0.579473276	9.78E-41
AC096669.3	KCNJ2	-0.445255503	9.14E-23
AC096669.3	FAM20A	-0.511251761	1.32E-30
AC096669.3	TGFA	-0.398729647	3.51E-18
AC096669.3	MXRA8	-0.623882251	9.98E-49
AC096669.3	C8orf4	-0.42448856	1.25E-20
AC096669.3	CLDN10	-0.550239378	4.14E-36
AC096669.3	PDE5A	-0.478719621	1.58E-26
AC096669.3	APOE	-0.27613692	4.00E-09

AC096669.3	SPOCK2	-0.546788218	1.36E-35
AC096669.3	TENM1	-0.208438277	1.07E-05
AC096669.3	SLIT1	-0.223383831	2.28E-06
AC096669.3	CXCL14	-0.415321838	9.81E-20
AC096669.3	ECM1	-0.187518132	7.72E-05
AC096669.3	DUSP5	-0.555193045	7.33E-37
AC096669.3	SEZ6L2	-0.39994363	2.72E-18
AC096669.3	THRSP	-0.048398892	0.311647469
AC096669.3	C19orf33	-0.525768634	1.43E-32
AC096669.3	MPZL2	-0.44811513	4.52E-23
AC096669.3	CTSH	-0.473373726	6.72E-26
AC096669.3	CYP1B1	-0.479080922	1.43E-26
AC096669.3	ALOX5	-0.470600488	1.41E-25
AC096669.3	SYTL5	-0.526015478	1.32E-32
AC096669.3	TNFRSF12A	-0.499210517	4.80E-29
AC096669.3	DUSP6	-0.449952418	2.87E-23
AC096669.3	ALOX15B	-0.525052273	1.79E-32
AC096669.3	SDC4	-0.604200488	4.97E-45
AC096669.3	MDK	-0.515583686	3.50E-31
AC096669.3	KRT19	-0.578749964	1.29E-40
AC096669.3	MET	-0.52340053	3.03E-32
AC096669.3	TESC	-0.280307132	2.28E-09
AC096669.3	CXCL17	-0.469505466	1.89E-25
AC096669.3	NPC2	-0.40209257	1.73E-18
AC096669.3	COMP	-0.506567045	5.43E-30
AC096669.3	TUSC3	-0.501459748	2.48E-29
AC096669.3	TMPRSS4	-0.591643181	8.38E-43
AC096669.3	LGALS3	-0.498990644	5.11E-29
AC096669.3	CRLF1	-0.493080881	2.83E-28
AC096669.3	CTXN1	-0.56974992	3.81E-39
AC096669.3	PCSK1N	-0.351714112	3.15E-14
AC096669.3	NMU	-0.342540913	1.57E-13
AC096669.3	GALE	-0.478746006	1.57E-26
AC096669.3	PCSK2	-0.111202308	0.019777813
AC096669.3	GJB3	-0.544541399	2.93E-35
AC096669.3	SLPI	-0.513611354	6.41E-31
AC096669.3	AGR2	-0.230307848	1.07E-06
AC096669.3	MRC2	-0.571581534	1.93E-39
AC096669.3	GOLT1A	-0.438009763	5.28E-22
AC096669.3	SLC27A6	-0.532386904	1.68E-33
AC096669.3	KCNN4	-0.613344939	1.03E-46
AC096669.3	ETV4	-0.387596776	3.47E-17
AC096669.3	SYT12	-0.601412781	1.58E-44
AC096669.3	PVRL4	-0.592904543	5.06E-43
AC096669.3	PLCD3	-0.544380962	3.09E-35
AC096669.3	PLAU	-0.520265139	8.14E-32
AC096669.3	LRRK2	-0.198265103	2.87E-05
AC096669.3	SFN	-0.535200622	6.69E-34
AC096669.3	LPAR5	-0.482402425	5.73E-27
AC096669.3	NGEF	-0.557173037	3.64E-37
AC096669.3	DTX4	-0.453670543	1.13E-23

AC096669.3	CST6	-0.554957993	7.96E-37
AC096669.3	QPCT	-0.432836503	1.80E-21
AC096669.3	TIMP1	-0.559210622	1.76E-37
AC096669.3	CAMK2N1	-0.570385992	3.01E-39
AC096669.3	KLHDC8A	-0.269603568	9.51E-09
AC096669.3	PDLIM4	-0.597471946	7.97E-44
AC096669.3	SCEL	-0.4537392	1.11E-23
AC096669.3	LCN2	-0.517291462	2.06E-31
AC096669.3	PROS1	-0.517820576	1.75E-31
AC096669.3	GABRB2	-0.509342128	2.35E-30
AC096669.3	TMPRSS6	-0.586218841	7.17E-42
AC096669.3	KLK7	-0.493020295	2.88E-28
AC096669.3	PDZK1IP1	-0.448282659	4.34E-23
AC096669.3	CDH3	-0.521648779	5.27E-32
AC096669.3	LRP4	-0.34809571	5.97E-14
AC096669.3	IGSF1	-0.265304978	1.66E-08
AC096669.3	B3GNT3	-0.555645841	6.25E-37
AC096669.3	CLDN1	-0.515857322	3.21E-31
AC096669.3	GDF15	-0.444615885	1.07E-22
AC096669.3	ARHGAP36	-0.24507727	1.99E-07
AC096669.3	LAMB3	-0.559116857	1.82E-37
AC096669.3	KLK10	-0.533231836	1.28E-33
AC096669.3	DPP4	-0.416030964	8.38E-20
AC096669.3	METTL7B	-0.451453797	1.97E-23
AC096669.3	LIPH	-0.53392323	1.02E-33
AC096669.3	CLDN16	-0.42124451	2.60E-20
AC096669.3	CHI3L1	-0.430762462	2.92E-21
AC096669.3	SLC22A31	-0.528774274	5.44E-33
AC096669.3	TACSTD2	-0.575442364	4.53E-40
AC096669.3	SFTPB	-0.508234676	3.29E-30
AC096669.3	RXRG	-0.363949411	3.39E-15
AC096669.3	DCSTAMP	-0.508538023	3.00E-30
AC096669.3	CITED1	-0.335898427	4.87E-13
AC096669.3	SERPINA1	-0.577985515	1.73E-40
AC096669.3	PRR15	-0.439151542	4.02E-22
AC096669.3	SLC34A2	-0.483981965	3.70E-27
AC096669.3	FN1	-0.583940104	1.74E-41
AC096669.3	ZCCHC12	-0.30164844	1.10E-10
RP4-555D20.2	TFF3	0.664931053	0
RP4-555D20.2	CCL21	0.407546589	5.38E-19
RP4-555D20.2	TPO	0.590555775	0
RP4-555D20.2	MT1G	0.511328532	0
RP4-555D20.2	DIO1	0.605216912	0
RP4-555D20.2	DPT	0.311914004	2.32E-11
RP4-555D20.2	CDH16	0.617539012	0
RP4-555D20.2	CRABP1	0.45641505	5.65E-24
RP4-555D20.2	SLC26A7	0.610611261	0
RP4-555D20.2	MT1H	0.451753171	1.83E-23
RP4-555D20.2	SLC26A4	0.533811561	0
RP4-555D20.2	SLC5A8	0.541034384	9.59E-35
RP4-555D20.2	PKHD1L1	0.689099423	4.19E-63

RP4-555D20.2	TFCP2L1	0.587417486	0
RP4-555D20.2	WSCD2	0.628688284	1.14E-49
RP4-555D20.2	IPCEF1	0.554660484	0
RP4-555D20.2	SLC5A5	0.5236513	2.80E-32
RP4-555D20.2	MT1F	0.583119254	0
RP4-555D20.2	FOSB	0.469763444	0
RP4-555D20.2	SEMA3D	0.654894043	4.05E-55
RP4-555D20.2	BMP8A	0.601569428	0
RP4-555D20.2	MATN2	0.589167331	0
RP4-555D20.2	PLA2R1	0.643576622	0
RP4-555D20.2	COL23A1	0.533086631	0
RP4-555D20.2	HGD	0.525782303	0
RP4-555D20.2	TCEAL2	0.462893279	0
RP4-555D20.2	CHRDL1	0.381111279	1.26E-16
RP4-555D20.2	TNFRSF11B	0.530219252	0
RP4-555D20.2	FAM167A	0.492289024	0
RP4-555D20.2	KIT	0.599044018	0
RP4-555D20.2	SLC4A4	0.603831305	0
RP4-555D20.2	SMOC2	0.43631371	0
RP4-555D20.2	FHL1	0.633066207	0
RP4-555D20.2	OTOS	0.468156997	0
RP4-555D20.2	IGFBPL1	0.474150959	5.45E-26
RP4-555D20.2	HBB	0.297713018	2.40E-10
RP4-555D20.2	BEX1	0.447479412	0
RP4-555D20.2	FABP4	0.418194075	5.17E-20
RP4-555D20.2	LMOD1	0.579894161	0
RP4-555D20.2	SOD3	0.536340801	0
RP4-555D20.2	TMEM171	0.588352193	0
RP4-555D20.2	PI16	0.383814398	0
RP4-555D20.2	ZMAT4	0.591724485	8.11E-43
RP4-555D20.2	MFAP4	0.289480224	7.66E-10
RP4-555D20.2	CWH43	0.566564115	1.23E-38
RP4-555D20.2	SPX	0.573301429	0
RP4-555D20.2	APOD	0.29972824	1.80E-10
RP4-555D20.2	DPP6	0.603835702	0
RP4-555D20.2	MMRN1	0.423784669	0
RP4-555D20.2	WDR72	0.503872154	0
RP4-555D20.2	MPPED2	0.63149607	0
RP4-555D20.2	PAPSS2	0.435935856	0
RP4-555D20.2	DCN	0.184332529	0.000105275
RP4-555D20.2	SORBS2	0.606164951	0
RP4-555D20.2	EGR2	0.421938516	0
RP4-555D20.2	EDN3	0.424759915	1.17E-20
RP4-555D20.2	DIO2	0.405205139	0
RP4-555D20.2	ITPR1	0.615026368	0
RP4-555D20.2	CFD	0.305655188	7.56E-11
RP4-555D20.2	CPXM1	0.424835965	0
RP4-555D20.2	ELMO1	0.57016768	0
RP4-555D20.2	GPC3	0.497768281	7.31E-29
RP4-555D20.2	MYOC	0.339859723	2.49E-13
RP4-555D20.2	DEPTOR	0.639898927	0

RP4-555D20.2	DGKI	0.670118888	0
RP4-555D20.2	CARTPT	0.469290542	2.00E-25
RP4-555D20.2	IYD	0.444044684	0
RP4-555D20.2	LYVE1	0.450252612	0
RP4-555D20.2	CLCNKB	0.588074901	0
RP4-555D20.2	NCAM1	0.357966424	1.31E-14
RP4-555D20.2	HBA2	0.327715543	2.52E-12
RP4-555D20.2	GLT8D2	0.458333641	0
RP4-555D20.2	OGDHL	0.445621913	0
RP4-555D20.2	LIFR	0.471667608	0
RP4-555D20.2	CSGALNACT1	0.571526054	0
RP4-555D20.2	RAP1GAP	0.490568682	0
RP4-555D20.2	COL9A3	0.527653134	0
RP4-555D20.2	FBLN1	0.218811575	3.91E-06
RP4-555D20.2	EFEMP1	0.565976251	0
RP4-555D20.2	AOX1	0.455230402	7.63E-24
RP4-555D20.2	GRIN2C	0.606635283	0
RP4-555D20.2	C11orf74	0.548875799	0
RP4-555D20.2	PPARGC1A	0.546911496	0
RP4-555D20.2	ANGPTL1	0.533044931	0
RP4-555D20.2	SCARA5	0.333662758	7.08E-13
RP4-555D20.2	LTF	0.45347274	0
RP4-555D20.2	CA4	0.497622277	7.62E-29
RP4-555D20.2	TG	0.486879924	0
RP4-555D20.2	FCGBP	0.591637566	0
RP4-555D20.2	PBX4	0.762433727	0
RP4-555D20.2	CYR61	0.488802526	0
RP4-555D20.2	FOS	0.498355398	0
RP4-555D20.2	KHDRBS2	0.633378958	0
RP4-555D20.2	MUM1L1	0.527236842	0
RP4-555D20.2	RGS16	0.495471708	0
RP4-555D20.2	MT1M	0.470533903	0
RP4-555D20.2	LRP2	0.606629326	0
RP4-555D20.2	MAFB	0.495505181	0
RP4-555D20.2	KCNK2	0.612370042	0
RP4-555D20.2	TBC1D4	0.560461623	0
RP4-555D20.2	MIOX	0.616442066	2.68E-47
RP4-555D20.2	TPPP	0.552614484	0
RP4-555D20.2	FMOD	0.48319925	0
RP4-555D20.2	CITED2	0.538641399	0
RP4-555D20.2	RGS8	0.547134818	1.21E-35
RP4-555D20.2	ABI3BP	0.37775781	1.37E-16
RP4-555D20.2	ADH1B	0.408132617	4.74E-19
RP4-555D20.2	OGN	0.26277959	2.29E-08
RP4-555D20.2	NR4A1	0.433752415	0
RP4-555D20.2	FOXJ1	0.586277914	7.00E-42
RP4-555D20.2	ALDH1A1	0.55433355	0
RP4-555D20.2	OCA2	0.654380674	5.25E-55
RP4-555D20.2	TMEM139	0.512670595	0
RP4-555D20.2	ARHGAP24	0.487289407	0
RP4-555D20.2	SLC25A15	0.499401873	0

RP4-555D20.2	DES	0.314257905	1.62E-11
RP4-555D20.2	GDF10	0.425819315	9.18E-21
RP4-555D20.2	KIAA1324	0.488597571	0
RP4-555D20.2	JUN	0.475221337	0
RP4-555D20.2	C7	0.172604725	0.000285195
RP4-555D20.2	LGI3	0.465710306	0
RP4-555D20.2	CDON	0.598492555	0
RP4-555D20.2	BCL2	0.599278049	0
RP4-555D20.2	HLF	0.502923972	0
RP4-555D20.2	EGR1	0.469067307	0
RP4-555D20.2	IP6K3	0.533564055	0
RP4-555D20.2	SCUBE3	0.526051226	0
RP4-555D20.2	PKNOX2	0.616857343	0
RP4-555D20.2	SMAD9	0.655781565	0
RP4-555D20.2	IQGAP2	0.569368002	0
RP4-555D20.2	GNA14	0.62708224	0
RP4-555D20.2	LAYN	0.545998633	0
RP4-555D20.2	AVPR1A	0.475118221	0
RP4-555D20.2	PDLIM3	0.457024909	0
RP4-555D20.2	GPM6A	0.494342401	0
RP4-555D20.2	SDPR	0.428005458	0
RP4-555D20.2	CRYAB	0.262720947	2.60E-08
RP4-555D20.2	FOXA2	0.584018384	1.69E-41
RP4-555D20.2	C8orf88	0.500258853	0
RP4-555D20.2	ISM1	0.515991144	0
RP4-555D20.2	BMP2	0.485301134	0
RP4-555D20.2	ID4	0.669932514	0
RP4-555D20.2	NUPR1	0.243553077	2.61E-07
RP4-555D20.2	SERTM1	0.45940616	2.63E-24
RP4-555D20.2	IRS1	0.539503769	0
RP4-555D20.2	FIBIN	0.261223572	3.14E-08
RP4-555D20.2	PODN	0.259144949	4.06E-08
RP4-555D20.2	TDRD9	0.474162806	0
RP4-555D20.2	EPHA3	0.367800702	1.78E-15
RP4-555D20.2	AIF1L	0.567193923	0
RP4-555D20.2	EBF4	0.649936315	0
RP4-555D20.2	ADM2	0.510275249	0
RP4-555D20.2	GSTM3	0.494495726	0
RP4-555D20.2	HSD17B6	0.552476902	0
RP4-555D20.2	AGR3	0.561705758	7.20E-38
RP4-555D20.2	EPHB1	0.387988097	0
RP4-555D20.2	TMOD1	0.357396948	1.46E-14
RP4-555D20.2	WASF3	0.577789156	0
RP4-555D20.2	SELV	0.593354983	4.22E-43
RP4-555D20.2	ENPP1	0.247554302	1.64E-07
RP4-555D20.2	SYNE1	0.622087255	2.22E-48
RP4-555D20.2	PLCH1	0.536071168	0
RP4-555D20.2	CCDC146	0.758949639	0
RP4-555D20.2	SLC16A2	0.506731307	0
RP4-555D20.2	IER2	0.50816372	0
RP4-555D20.2	KCNAB1	0.505059047	0

RP4-555D20.2	SYNDIG1	0.493177776	0
RP4-555D20.2	C16orf89	0.441868619	0
RP4-555D20.2	CTGF	0.455705399	0
RP4-555D20.2	NR4A3	0.224959505	2.05E-06
RP4-555D20.2	KIAA1456	0.647845352	0
RP4-555D20.2	AQP4	0.36423903	3.78E-15
RP4-555D20.2	RNF150	0.563564027	0
RP4-555D20.2	C1S	0.117350653	0.013923722
RP4-555D20.2	PFKFB2	0.407398083	0
RP4-555D20.2	PROX1	0.511085707	0
RP4-555D20.2	TCF7L1	0.635667358	0
RP4-555D20.2	HSPB6	0.376761263	1.88E-16
RP4-555D20.2	FHDC1	0.404480209	0
RP4-555D20.2	PRR15L	0.303659965	1.01E-10
RP4-555D20.2	SLC1A1	0.335407087	7.17E-13
RP4-555D20.2	BTBD11	0.555006283	0
RP4-555D20.2	TRIM58	0.480072167	0
RP4-555D20.2	LRIG1	0.52559295	0
RP4-555D20.2	ROR2	0.507374822	0
RP4-555D20.2	GPR125	0.673778144	0
RP4-555D20.2	FLRT1	0.660254399	0
RP4-555D20.2	PGF	0.560789976	0
RP4-555D20.2	DUSP1	0.459319692	0
RP4-555D20.2	PLA2G7	0.521208906	0
RP4-555D20.2	PLSCR4	0.507071574	0
RP4-555D20.2	FAM46B	0.427180959	0
RP4-555D20.2	GLDC	0.542179242	0
RP4-555D20.2	ZBTB16	0.398834382	0
RP4-555D20.2	OMD	0.20802927	1.11E-05
RP4-555D20.2	HSD11B2	0.499093944	0
RP4-555D20.2	FGL2	0.202978012	1.90E-05
RP4-555D20.2	CLCNKA	0.623149757	1.39E-48
RP4-555D20.2	GATM	0.33867005	4.15E-13
RP4-555D20.2	TNS3	0.523730629	0
RP4-555D20.2	TOB1	0.516479347	0
RP4-555D20.2	MARC2	0.587143173	0
RP4-555D20.2	LRRC2	0.555009546	0
RP4-555D20.2	SORD	0.429497868	0
RP4-555D20.2	RIMS4	0.450945912	0
RP4-555D20.2	SLC29A4	0.620904807	0
RP4-555D20.2	SLC39A14	0.398243773	0
RP4-555D20.2	FAXDC2	0.595358664	0
RP4-555D20.2	HSPB8	0.393465705	0
RP4-555D20.2	CCL19	0.035306837	0.460586571
RP4-555D20.2	KCNIP3	0.544814293	0
RP4-555D20.2	CGNL1	0.458695325	0
RP4-555D20.2	ATF3	0.303813149	9.91E-11
RP4-555D20.2	SGCD	0.464121872	0
RP4-555D20.2	STARD13	0.649768096	0
RP4-555D20.2	LDHD	0.4348908	0
RP4-555D20.2	RCAN1	0.492678084	0

RP4-555D20.2	ID3	0.576104557	0
RP4-555D20.2	SYTL3	0.472628554	0
RP4-555D20.2	MT1E	0.377704763	1.39E-16
RP4-555D20.2	CAMK1D	0.400370195	0
RP4-555D20.2	PRKCQ	0.49739814	0
RP4-555D20.2	NUAK2	0.492756803	0
RP4-555D20.2	LIPG	0.546198481	0
RP4-555D20.2	SLC25A25	0.383305628	1.67E-18
RP4-555D20.2	PRKX	0.412931149	0
RP4-555D20.2	SRPX	0.280114718	2.74E-09
RP4-555D20.2	FAM189A1	0.465419682	0
RP4-555D20.2	PLEKHH1	0.750793721	0
RP4-555D20.2	WNT11	0.52957602	0
RP4-555D20.2	SNAI1	0.5589512	0
RP4-555D20.2	FDCSP	0.058247711	0.223231645
RP4-555D20.2	MT1X	0.316449845	1.49E-11
RP4-555D20.2	ACACB	0.655101456	0
RP4-555D20.2	ARC	0.266606859	1.60E-08
RP4-555D20.2	KLK4	0.289764173	6.13E-10
RP4-555D20.2	ZFPM2	0.477334285	0
RP4-555D20.2	AKAP12	0.397501681	0
RP4-555D20.2	GJB6	0.450016659	2.82E-23
RP4-555D20.2	ERO1LB	0.612556132	0
RP4-555D20.2	DNALI1	0.626475319	0
RP4-555D20.2	HKDC1	0.423408658	0
RP4-555D20.2	ZFP36L2	0.639132581	0
RP4-555D20.2	CAPSL	0.489227084	8.48E-28
RP4-555D20.2	CYP7B1	0.447715287	0
RP4-555D20.2	CPQ	0.605328821	0
RP4-555D20.2	RPS6KA6	0.648300672	1.07E-53
RP4-555D20.2	TLE1	0.510545733	0
RP4-555D20.2	TP53INP2	0.573064987	0
RP4-555D20.2	KATNAL2	0.67503553	0
RP4-555D20.2	SGPP2	0.239296261	4.24E-07
RP4-555D20.2	CTH	0.543105013	0
RP4-555D20.2	KIF12	0.687958879	0
RP4-555D20.2	TMEM220	0.515765197	0
RP4-555D20.2	CENPJ	0.741839542	0
RP4-555D20.2	FAM155B	0.298853247	2.04E-10
RP4-555D20.2	WFS1	0.586465334	0
RP4-555D20.2	SELENBP1	0.408814469	0
RP4-555D20.2	SNTA1	0.376096897	2.29E-16
RP4-555D20.2	FRAS1	0.512931149	0
RP4-555D20.2	FBLN7	0.523216895	0
RP4-555D20.2	AGPAT9	0.510023488	0
RP4-555D20.2	GPR83	0.527078552	0
RP4-555D20.2	PRTG	0.607359929	0
RP4-555D20.2	EGR3	0.249700014	1.27E-07
RP4-555D20.2	GRAMD2	0.67651475	0
RP4-555D20.2	HYOU1	0.470720135	0
RP4-555D20.2	FBLN5	0.409234165	0

RP4-555D20.2	ITM2A	0.510355813	0
RP4-555D20.2	SRF	0.546523997	0
RP4-555D20.2	FGFR2	0.557179654	0
RP4-555D20.2	MT1A	0.211366481	7.95E-06
RP4-555D20.2	MAMDC2	0.41086132	0
RP4-555D20.2	FHL2	0.357083063	1.55E-14
RP4-555D20.2	FTCDNL1	0.376872747	1.81E-16
RP4-555D20.2	PKIA	0.407368439	0
RP4-555D20.2	DNAJB4	0.530222089	0
RP4-555D20.2	SLC25A33	0.4556515	0
RP4-555D20.2	EYA2	0.356748043	1.66E-14
RP4-555D20.2	LPAR1	0.290339331	6.79E-10
RP4-555D20.2	STX11	0.258063299	4.64E-08
RP4-555D20.2	ARHGEF28	0.441439278	0
RP4-555D20.2	OR2W3	0.509705631	0
RP4-555D20.2	ALDH1B1	0.268249697	1.13E-08
RP4-555D20.2	CXCL12	0.192838218	4.92E-05
RP4-555D20.2	OLFM2	0.538854722	0
RP4-555D20.2	TUB	0.545565888	0
RP4-555D20.2	HTRA3	0.396753348	0
RP4-555D20.2	CKB	0.406974557	0
RP4-555D20.2	RGS2	0.140335076	0.003237363
RP4-555D20.2	SHANK2	0.671241671	0
RP4-555D20.2	CNTFR	0.419708175	3.68E-20
RP4-555D20.2	CYTH3	0.522669545	0
RP4-555D20.2	PLAC9	0.384444013	0
RP4-555D20.2	WVOX	0.518587614	0
RP4-555D20.2	NPR3	0.575747978	0
RP4-555D20.2	SDC2	0.582099587	0
RP4-555D20.2	KLF15	0.487052256	0
RP4-555D20.2	TMEM164	0.552812914	0
RP4-555D20.2	LONRF3	0.372750534	5.63E-16
RP4-555D20.2	GBP1	0.248767435	1.42E-07
RP4-555D20.2	ARHGAP6	0.545700775	0
RP4-555D20.2	TMEM119	0.157814659	0.000918651
RP4-555D20.2	SH3RF1	0.451292278	0
RP4-555D20.2	CRELD2	0.483715679	0
RP4-555D20.2	PCP4	0.181320617	0.000136785
RP4-555D20.2	GCSH	0.522385162	0
RP4-555D20.2	IMPA2	0.535976563	0
RP4-555D20.2	C1R	0.095254839	0.046110217
RP4-555D20.2	SUCNR1	0.319190706	9.72E-12
RP4-555D20.2	SFRP1	0.364429375	3.64E-15
RP4-555D20.2	UGT8	0.372428138	6.09E-16
RP4-555D20.2	TLE4	0.36847996	1.53E-15
RP4-555D20.2	ANTXR1	0.415157709	0
RP4-555D20.2	GPX3	0.511537316	0
RP4-555D20.2	DPY19L2	0.741400415	0
RP4-555D20.2	FAM46C	0.280445482	2.63E-09
RP4-555D20.2	IL33	0.366931962	1.94E-15
RP4-555D20.2	PEG3	0.524458253	0

RP4-555D20.2	FAHD2A	0.634982568	0
RP4-555D20.2	PTGDS	0.047202404	0.323641153
RP4-555D20.2	CHCHD10	0.292038682	5.36E-10
RP4-555D20.2	CD36	0.406918106	0
RP4-555D20.2	ANKRD37	0.629843951	0
RP4-555D20.2	TSPAN33	0.333022095	1.06E-12
RP4-555D20.2	PRDM16	0.659294304	0
RP4-555D20.2	UST	0.362404792	5.50E-15
RP4-555D20.2	NEXN	0.522957616	0
RP4-555D20.2	NUPR1L	0.23592445	5.74E-07
RP4-555D20.2	SLC24A3	0.437357489	0
RP4-555D20.2	MARC1	0.587575635	0
RP4-555D20.2	MYH11	0.42935674	0
RP4-555D20.2	APOA1	0.542161603	6.56E-35
RP4-555D20.2	TMEM178B	0.467058326	0
RP4-555D20.2	CAPN6	0.4157306	8.96E-20
RP4-555D20.2	PPM1L	0.49521399	0
RP4-555D20.2	FZD8	0.634004459	0
RP4-555D20.2	RCAN2	0.498466882	0
RP4-555D20.2	COPZ2	0.441422825	0
RP4-555D20.2	GAS1	0.270616311	9.56E-09
RP4-555D20.2	DACT1	0.539452565	0
RP4-555D20.2	WBSCR17	0.518546907	0
RP4-555D20.2	NCS1	0.525396931	0
RP4-555D20.2	SPIRE2	0.610386733	0
RP4-555D20.2	C15orf52	0.510331558	0
RP4-555D20.2	SPAG5	0.563597642	0
RP4-555D20.2	ARL4D	0.314270234	2.08E-11
RP4-555D20.2	FAM189A2	0.595653685	0
RP4-555D20.2	MAP1LC3A	0.523324123	0
RP4-555D20.2	KLF6	0.255690648	6.19E-08
RP4-555D20.2	ADD3	0.352103728	3.93E-14
RP4-555D20.2	TSPAN7	0.376280151	2.17E-16
RP4-555D20.2	KLF9	0.364629649	3.49E-15
RP4-555D20.2	KCNQ1	0.397801241	0
RP4-555D20.2	MAN1A1	0.231908107	9.67E-07
RP4-555D20.2	MLF1	0.390564852	0
RP4-555D20.2	RARB	0.555434064	0
RP4-555D20.2	CDC42EP2	0.410254825	0
RP4-555D20.2	FAM3B	0.284445431	1.53E-09
RP4-555D20.2	GADD45B	0.313042775	2.50E-11
RP4-555D20.2	TMEM47	0.450548768	0
RP4-555D20.2	SDF2L1	0.352552785	3.62E-14
RP4-555D20.2	CCDC85A	0.47633022	0
RP4-555D20.2	CRYBG3	0.293820156	4.17E-10
RP4-555D20.2	FBLN2	0.16143959	0.000695834
RP4-555D20.2	PEBP4	0.047974708	0.315780804
RP4-555D20.2	CDADC1	0.546192666	0
RP4-555D20.2	FAM63A	0.425577915	0
RP4-555D20.2	GLUL	0.463142203	0
RP4-555D20.2	FREM2	0.406075452	0

RP4-555D20.2	ACKR3	0.573055768	0
RP4-555D20.2	DENND6A	0.596506551	0
RP4-555D20.2	CLDN8	0.366821316	2.20E-15
RP4-555D20.2	UTS2R	0.417200619	6.46E-20
RP4-555D20.2	SCNN1B	0.456318419	0
RP4-555D20.2	TTC30A	0.528902578	0
RP4-555D20.2	CORO2B	0.503639257	0
RP4-555D20.2	TC2N	0.403452883	0
RP4-555D20.2	ALDH2	0.345984307	1.18E-13
RP4-555D20.2	GPR183	0.035149227	0.462441829
RP4-555D20.2	C4orf47	0.644795286	0
RP4-555D20.2	SLC25A42	0.517137046	0
RP4-555D20.2	LGMN	0.414469373	0
RP4-555D20.2	ACSF2	0.514556745	0
RP4-555D20.2	KIAA1467	0.45287518	0
RP4-555D20.2	PRKG1	0.496173802	0
RP4-555D20.2	GNAI1	0.495031303	0
RP4-555D20.2	ABCC4	0.327893548	2.45E-12
RP4-555D20.2	PRPS1	0.381879314	1.99E-17
RP4-555D20.2	TSPAN5	0.523758854	0
RP4-555D20.2	CR2	0.148452862	0.001815502
RP4-555D20.2	CCDC170	0.546812494	0
RP4-555D20.2	RRAD	0.139546178	0.003416158
RP4-555D20.2	SCGB2A1	0.387002613	0
RP4-555D20.2	SESN3	0.376013355	2.35E-16
RP4-555D20.2	SGK223	0.404916926	0
RP4-555D20.2	NDRG2	0.462676835	0
RP4-555D20.2	C3orf52	0.358923116	1.09E-14
RP4-555D20.2	FLRT3	-0.124873694	0.008849932
RP4-555D20.2	MST1R	-0.309148637	4.50E-11
RP4-555D20.2	SDC1	-0.385685229	0
RP4-555D20.2	ST8SIA4	-0.3747537	3.34E-16
RP4-555D20.2	UBTD1	-0.377355135	1.56E-16
RP4-555D20.2	EPHA2	-0.139358669	0.003459952
RP4-555D20.2	TMEM130	-0.116953509	0.014251585
RP4-555D20.2	SPINK2	-0.546931354	0
RP4-555D20.2	MMP16	-0.252357617	9.25E-08
RP4-555D20.2	SIGLEC15	-0.371579243	7.49E-16
RP4-555D20.2	RIN1	-0.454418227	0
RP4-555D20.2	IL1RN	-0.408813476	0
RP4-555D20.2	FCER1G	-0.35807266	1.29E-14
RP4-555D20.2	CD276	-0.496051538	0
RP4-555D20.2	CTSB	-0.557275252	0
RP4-555D20.2	FAM171A2	-0.15379315	0.00124189
RP4-555D20.2	ASPHD1	-0.519696213	0
RP4-555D20.2	C15orf48	-0.370716306	9.19E-16
RP4-555D20.2	DYSF	-0.22962311	1.24E-06
RP4-555D20.2	PDZRN4	-0.132778987	0.005359152
RP4-555D20.2	EFHD2	-0.219188436	3.76E-06
RP4-555D20.2	ASF1B	-0.41872931	0
RP4-555D20.2	AQP1	-0.216613951	4.90E-06

RP4-555D20.2	ARRDC2	-0.176103138	0.000213221
RP4-555D20.2	PRSS1	-0.356423841	1.35E-14
RP4-555D20.2	MAPK13	-0.469421049	0
RP4-555D20.2	CST5	-0.284017733	1.37E-09
RP4-555D20.2	AHR	-0.258190811	4.56E-08
RP4-555D20.2	BAX	-0.340181041	3.21E-13
RP4-555D20.2	C1orf115	-0.259842788	3.72E-08
RP4-555D20.2	PLK3	-0.2057688	1.45E-05
RP4-555D20.2	JAG2	-0.105897304	0.026546836
RP4-555D20.2	RAD23B	-0.507354681	0
RP4-555D20.2	CA12	0.041068516	0.390530989
RP4-555D20.2	ADTRP	-0.296327411	2.92E-10
RP4-555D20.2	UCP2	-0.269579198	1.09E-08
RP4-555D20.2	IGFBP2	-0.136226622	0.004270889
RP4-555D20.2	LOXL2	-0.249774904	1.26E-07
RP4-555D20.2	GPX1	-0.42009052	0
RP4-555D20.2	P3H3	-0.390179481	0
RP4-555D20.2	C2orf81	-0.316544167	1.46E-11
RP4-555D20.2	CDT1	-0.46426683	0
RP4-555D20.2	SNX25	-0.173425821	0.000266507
RP4-555D20.2	MTHFD1L	-0.339880204	3.38E-13
RP4-555D20.2	CDC42BPG	-0.355830441	1.50E-14
RP4-555D20.2	MSN	-0.507766292	0
RP4-555D20.2	SIGLEC6	-0.340826434	2.11E-13
RP4-555D20.2	F2R	0.029572758	0.536438642
RP4-555D20.2	TMEM184A	-0.257978197	4.68E-08
RP4-555D20.2	CKS2	-0.206707194	1.32E-05
RP4-555D20.2	TAX1BP3	-0.400261973	0
RP4-555D20.2	PMEP1	-0.374225782	3.85E-16
RP4-555D20.2	CXCL16	-0.46651353	0
RP4-555D20.2	FAXC	-0.295356962	3.36E-10
RP4-555D20.2	VTCN1	-0.335995742	4.79E-13
RP4-555D20.2	SH2D4A	-0.398360788	0
RP4-555D20.2	RNF24	-0.288623669	8.62E-10
RP4-555D20.2	LY6G6C	-0.32425781	3.32E-12
RP4-555D20.2	NID1	-0.177189611	0.00019459
RP4-555D20.2	STAC	-0.425821875	0
RP4-555D20.2	RAB34	-0.432541126	0
RP4-555D20.2	HES4	-0.111663551	0.019311654
RP4-555D20.2	EPHA10	-0.51274818	0
RP4-555D20.2	ENTPD2	-0.399451799	0
RP4-555D20.2	DDB2	-0.371303795	8.00E-16
RP4-555D20.2	NKAIN4	-0.067068113	0.160616343
RP4-555D20.2	TRIM29	-0.195963315	3.69E-05
RP4-555D20.2	ADCY8	-0.525356425	1.63E-32
RP4-555D20.2	SFTA2	-0.289108327	8.06E-10
RP4-555D20.2	NRIP1	-0.368945895	1.38E-15
RP4-555D20.2	VWA1	-0.117172505	0.014069961
RP4-555D20.2	APLNR	-0.176676444	0.000203191
RP4-555D20.2	REN	-0.488101913	1.17E-27
RP4-555D20.2	EDIL3	-0.218645626	3.98E-06

RP4-555D20.2	AGRN	-0.205163013	1.54E-05
RP4-555D20.2	TREM1	-0.408943398	0
RP4-555D20.2	SRL	-0.288086674	9.29E-10
RP4-555D20.2	RASGRF1	-0.336530721	5.94E-13
RP4-555D20.2	RMI2	-0.459245653	0
RP4-555D20.2	SAMD1	-0.389432283	0
RP4-555D20.2	MGAT4B	-0.452263153	0
RP4-555D20.2	NXN	-0.335992307	6.50E-13
RP4-555D20.2	SH3BGRL3	-0.469244746	0
RP4-555D20.2	CA11	-0.374333578	3.74E-16
RP4-555D20.2	PLD3	-0.304925011	8.42E-11
RP4-555D20.2	LURAP1L	-0.428509122	0
RP4-555D20.2	CARNS1	-0.107589279	0.024214204
RP4-555D20.2	PDLIM7	-0.33286267	1.09E-12
RP4-555D20.2	BCL2L1	-0.441483531	0
RP4-555D20.2	GGT6	-0.274043238	6.13E-09
RP4-555D20.2	DPYSL3	-0.116809402	0.014372221
RP4-555D20.2	FYN	-0.429352201	0
RP4-555D20.2	TK1	-0.429622259	0
RP4-555D20.2	AK1	-0.348419934	7.64E-14
RP4-555D20.2	HIGD1B	-0.140193523	0.003268805
RP4-555D20.2	TMEM59L	-0.118011755	0.013392662
RP4-555D20.2	MEGF9	-0.303017727	1.11E-10
RP4-555D20.2	ZFP36L1	-0.263717636	2.30E-08
RP4-555D20.2	ADRA1B	-0.253812866	7.77E-08
RP4-555D20.2	EPHA4	-0.250892723	1.10E-07
RP4-555D20.2	TCERG1L	0.019144041	0.689038756
RP4-555D20.2	NGFR	-0.290457907	6.68E-10
RP4-555D20.2	EBI3	-0.441166809	0
RP4-555D20.2	S100A10	-0.314653478	1.96E-11
RP4-555D20.2	S100B	-0.389448168	0
RP4-555D20.2	CD44	-0.329447232	1.91E-12
RP4-555D20.2	BHLHE41	-0.31453164	1.99E-11
RP4-555D20.2	FBXO2	-0.400388917	0
RP4-555D20.2	SLC30A2	-0.225440333	1.95E-06
RP4-555D20.2	FRMD5	-0.519858475	0
RP4-555D20.2	SAMD11	-0.126139732	0.008181171
RP4-555D20.2	SIPA1L2	-0.244627635	2.30E-07
RP4-555D20.2	S100A16	-0.470432632	0
RP4-555D20.2	PPL	-0.321246919	7.05E-12
RP4-555D20.2	ARHGD1B	-0.125282469	0.008628865
RP4-555D20.2	CDC42EP3	-0.3481069	8.08E-14
RP4-555D20.2	RUNX2	-0.438110361	0
RP4-555D20.2	LAMC2	-0.404685164	0
RP4-555D20.2	BRINP1	-0.508819858	0
RP4-555D20.2	GPRC5B	-0.426605242	0
RP4-555D20.2	AQP5	0.003296011	0.945077758
RP4-555D20.2	PLAG1	-0.190080904	6.31E-05
RP4-555D20.2	PTPRU	-0.281253812	2.36E-09
RP4-555D20.2	ANGPTL4	-0.369957477	1.10E-15
RP4-555D20.2	PALM3	-0.216435945	4.99E-06

RP4-555D20.2	ACP5	-0.351211005	4.62E-14
RP4-555D20.2	DLG4	-0.263302054	2.42E-08
RP4-555D20.2	ETNK2	-0.435257449	0
RP4-555D20.2	CD109	-0.263906989	2.24E-08
RP4-555D20.2	SNX22	-0.233608166	8.02E-07
RP4-555D20.2	TMEM98	-0.363266594	4.62E-15
RP4-555D20.2	CTHRC1	-0.280009333	2.78E-09
RP4-555D20.2	S100A2	-0.285793451	1.27E-09
RP4-555D20.2	C11orf80	-0.47716252	0
RP4-555D20.2	SREBF1	-0.292808432	4.81E-10
RP4-555D20.2	PRSS22	-0.270146546	1.02E-08
RP4-555D20.2	CMTM3	-0.404471983	0
RP4-555D20.2	RDH5	-0.360674095	7.76E-15
RP4-555D20.2	MYH10	-0.389303211	0
RP4-555D20.2	EVPL	-0.279398299	3.02E-09
RP4-555D20.2	SCD	-0.403748755	0
RP4-555D20.2	CD151	-0.361993464	5.97E-15
RP4-555D20.2	S100A4	-0.378652519	1.00E-16
RP4-555D20.2	BNIP1	-0.250506642	1.15E-07
RP4-555D20.2	MAP3K6	-0.420870625	0
RP4-555D20.2	MANEAL	-0.509820803	0
RP4-555D20.2	CD207	-0.375772499	3.59E-16
RP4-555D20.2	CD1A	-0.391554743	1.55E-17
RP4-555D20.2	C3	-0.288394886	8.90E-10
RP4-555D20.2	NT5E	-0.220196189	3.39E-06
RP4-555D20.2	CACNG4	-0.269973129	9.06E-09
RP4-555D20.2	FHOD1	-0.206821799	1.31E-05
RP4-555D20.2	LEMD1	-0.562480107	0
RP4-555D20.2	ATP11A	-0.150697697	0.001558797
RP4-555D20.2	PPAP2C	-0.252787525	8.79E-08
RP4-555D20.2	DRAM1	-0.285391059	1.34E-09
RP4-555D20.2	CDA	-0.185462687	9.53E-05
RP4-555D20.2	CCND2	-0.289281794	7.87E-10
RP4-555D20.2	LCN6	-0.095264913	0.046057098
RP4-555D20.2	CDH4	-0.347357716	9.23E-14
RP4-555D20.2	MMP11	-0.392671843	0
RP4-555D20.2	B3GAT1	-0.1309873	0.006018195
RP4-555D20.2	SPP1	-0.253578551	7.99E-08
RP4-555D20.2	HLA-DQB1	-0.418347909	0
RP4-555D20.2	SDC3	-0.40181977	0
RP4-555D20.2	CX3CL1	-0.275658763	4.96E-09
RP4-555D20.2	SDK1	-0.227312158	1.59E-06
RP4-555D20.2	DOCK9	-0.344226236	1.60E-13
RP4-555D20.2	CSF2	-0.455154018	7.78E-24
RP4-555D20.2	GRHL3	-0.421375707	0
RP4-555D20.2	TMEM92	-0.528086834	6.78E-33
RP4-555D20.2	BASP1	-0.379988766	5.86E-17
RP4-555D20.2	HRH1	-0.327095715	2.79E-12
RP4-555D20.2	ESM1	0.061130811	0.2010332
RP4-555D20.2	B4GALNT3	-0.388478995	0
RP4-555D20.2	LMO3	-0.114977717	0.015985683

RP4-555D20.2	C9orf16	-0.442573408	0
RP4-555D20.2	SEMA3F	-0.16163646	0.000685301
RP4-555D20.2	PLA2G12B	-0.406181532	7.22E-19
RP4-555D20.2	KLK6	-0.280967178	2.08E-09
RP4-555D20.2	ST3GAL5	-0.335046537	7.61E-13
RP4-555D20.2	FAM132B	-0.086404344	0.070525436
RP4-555D20.2	CDKN1A	-0.161511502	0.000691969
RP4-555D20.2	E2F1	-0.47141769	0
RP4-555D20.2	B3GNT8	-0.378292111	1.14E-16
RP4-555D20.2	MTMR11	-0.362804205	5.07E-15
RP4-555D20.2	MYO1G	-0.238628917	4.57E-07
RP4-555D20.2	TMSB10	-0.393295926	0
RP4-555D20.2	UNC5CL	-0.409004672	0
RP4-555D20.2	ABR	-0.440405144	0
RP4-555D20.2	PLP2	-0.538352902	0
RP4-555D20.2	SRCIN1	-0.436068048	0
RP4-555D20.2	PDE9A	-0.438121708	0
RP4-555D20.2	TREM2	-0.329050656	2.03E-12
RP4-555D20.2	KDEL3	-0.342822616	2.04E-13
RP4-555D20.2	PC	-0.531571385	0
RP4-555D20.2	C2CD4A	-0.465267065	0
RP4-555D20.2	PELI1	-0.293971071	4.08E-10
RP4-555D20.2	SSX1	-0.069802166	0.14420775
RP4-555D20.2	MROH6	-0.381617057	2.41E-17
RP4-555D20.2	ESPN	-0.427121954	0
RP4-555D20.2	BMP1	-0.273984233	6.17E-09
RP4-555D20.2	TM4SF4	-0.300209565	1.36E-10
RP4-555D20.2	CORO2A	-0.474131602	0
RP4-555D20.2	CD164L2	-0.495261735	1.51E-28
RP4-555D20.2	CTSS	-0.392389871	0
RP4-555D20.2	CLU	-0.307117955	6.09E-11
RP4-555D20.2	TMSB4X	-0.376823529	1.84E-16
RP4-555D20.2	WNT10A	-0.289952693	5.96E-10
RP4-555D20.2	NAPSA	-0.189484337	6.66E-05
RP4-555D20.2	PLEKHA4	-0.360705441	7.71E-15
RP4-555D20.2	SFTPA1	-0.10291878	0.03108618
RP4-555D20.2	C1orf116	-0.337047575	5.45E-13
RP4-555D20.2	TM4SF1	-0.231940587	9.64E-07
RP4-555D20.2	SEL1L3	-0.250060848	1.22E-07
RP4-555D20.2	VASN	-0.465213167	0
RP4-555D20.2	NPTXR	-0.552409387	0
RP4-555D20.2	PDE4C	-0.26578321	1.77E-08
RP4-555D20.2	CDC42EP1	-0.409714141	0
RP4-555D20.2	ENDOD1	-0.568565488	0
RP4-555D20.2	RYR1	-0.365668039	2.81E-15
RP4-555D20.2	IL1RAP	-0.356230196	1.83E-14
RP4-555D20.2	SLC35F2	-0.419055479	4.27E-20
RP4-555D20.2	ISYNA1	-0.290254654	6.88E-10
RP4-555D20.2	HLA-G	-0.334333805	8.57E-13
RP4-555D20.2	CDKN2B	-0.361906802	6.07E-15
RP4-555D20.2	ALDH1A3	-0.230002667	1.19E-06

RP4-555D20.2	CLIP3	-0.295585319	3.25E-10
RP4-555D20.2	ULBP2	-0.372117373	6.58E-16
RP4-555D20.2	ETHE1	-0.563215107	0
RP4-555D20.2	XPR1	-0.351906007	4.07E-14
RP4-555D20.2	SPTBN2	-0.549857312	0
RP4-555D20.2	IVL	-0.465955369	4.82E-25
RP4-555D20.2	MARCO	-0.364655038	3.47E-15
RP4-555D20.2	PLXND1	-0.210732107	8.89E-06
RP4-555D20.2	EMILIN2	-0.38525291	0
RP4-555D20.2	PLAUR	-0.390589674	0
RP4-555D20.2	CDC42EP5	-0.356507913	1.73E-14
RP4-555D20.2	TRPC5	-0.328777002	1.59E-12
RP4-555D20.2	TMEM100	-0.289057549	8.12E-10
RP4-555D20.2	QSOX1	-0.462068496	0
RP4-555D20.2	ARHGAP23	-0.27344511	6.62E-09
RP4-555D20.2	MDFI	-0.119715078	0.012105803
RP4-555D20.2	FSTL3	-0.288428643	8.86E-10
RP4-555D20.2	INF2	-0.450015886	0
RP4-555D20.2	TGFBR1	-0.523904946	0
RP4-555D20.2	TGFBI	-0.327600513	2.57E-12
RP4-555D20.2	ERBB3	-0.446189971	0
RP4-555D20.2	CCL18	-0.210526726	9.07E-06
RP4-555D20.2	CCL17	-0.341218804	1.97E-13
RP4-555D20.2	C16orf45	-0.320826797	7.53E-12
RP4-555D20.2	PRDM1	-0.217503128	4.47E-06
RP4-555D20.2	TRIM47	-0.468304082	0
RP4-555D20.2	CNFN	-0.407299648	0
RP4-555D20.2	ARMCX3	-0.382642681	9.18E-18
RP4-555D20.2	RAMP1	-0.298719211	2.08E-10
RP4-555D20.2	GABRD	-0.078496498	0.100467027
RP4-555D20.2	COL13A1	-0.202054795	2.07E-05
RP4-555D20.2	S100A5	-0.417405969	0
RP4-555D20.2	MISP	-0.248938633	1.39E-07
RP4-555D20.2	HES6	-0.183309457	0.00011512
RP4-555D20.2	PSD3	-0.501376246	0
RP4-555D20.2	DOK7	-0.282599988	1.96E-09
RP4-555D20.2	ZMAT3	-0.393570523	0
RP4-555D20.2	MFAP2	-0.260520202	3.42E-08
RP4-555D20.2	TMEM79	-0.514980838	0
RP4-555D20.2	SLC1A5	-0.39433389	0
RP4-555D20.2	BBC3	-0.326580846	3.03E-12
RP4-555D20.2	HLA-DQB2	-0.418971284	0
RP4-555D20.2	C1QL1	-0.292933249	4.73E-10
RP4-555D20.2	TMEM215	-0.193255586	4.58E-05
RP4-555D20.2	PNP	-0.357349575	1.48E-14
RP4-555D20.2	ARNTL	-0.283355413	1.77E-09
RP4-555D20.2	CLDN2	-0.372720761	6.47E-16
RP4-555D20.2	MVP	-0.56804608	0
RP4-555D20.2	LGALS1	-0.414947506	0
RP4-555D20.2	BIRC7	-0.319119021	7.54E-12
RP4-555D20.2	COL8A1	-0.515314013	0

RP4-555D20.2	PERP	-0.400616566	0
RP4-555D20.2	GJA4	-0.101773673	0.033056685
RP4-555D20.2	IGFL2	-0.417634639	5.86E-20
RP4-555D20.2	DAPK2	-0.190562725	6.05E-05
RP4-555D20.2	MAMLD1	-0.417623264	0
RP4-555D20.2	ETV5	-0.346959012	9.90E-14
RP4-555D20.2	RUNX1	-0.438940108	0
RP4-555D20.2	LONRF2	-0.260373684	3.49E-08
RP4-555D20.2	SPOCK1	-0.118752287	0.01281907
RP4-555D20.2	XKRX	-0.259657123	3.81E-08
RP4-555D20.2	TGFB1	-0.250467921	1.16E-07
RP4-555D20.2	ERP27	-0.08577175	0.072614994
RP4-555D20.2	TNFRSF10C	-0.357449853	1.45E-14
RP4-555D20.2	PALM	-0.344003977	1.66E-13
RP4-555D20.2	TSC22D1	-0.305851349	7.34E-11
RP4-555D20.2	TGM2	-0.359226647	1.03E-14
RP4-555D20.2	UBE2QL1	-0.315606481	1.69E-11
RP4-555D20.2	ECE1	-0.411673621	0
RP4-555D20.2	COL8A2	-0.367687232	1.82E-15
RP4-555D20.2	HIST3H2A	-0.329764664	1.81E-12
RP4-555D20.2	TNFRSF21	-0.351324475	4.53E-14
RP4-555D20.2	SOX4	-0.342051163	2.33E-13
RP4-555D20.2	ELF3	-0.380013021	5.80E-17
RP4-555D20.2	TPD52L1	-0.44142935	0
RP4-555D20.2	INHBB	-0.21516168	5.69E-06
RP4-555D20.2	HPN	-0.319758622	8.90E-12
RP4-555D20.2	MMP7	-0.293912934	3.39E-10
RP4-555D20.2	RAB27A	-0.487488121	0
RP4-555D20.2	IGF2BP2	-0.336049609	6.44E-13
RP4-555D20.2	ITGB4	-0.304523612	8.93E-11
RP4-555D20.2	PPP1R1B	-0.409505499	0
RP4-555D20.2	NPDC1	-0.253863218	7.72E-08
RP4-555D20.2	CCL13	-0.467563432	3.16E-25
RP4-555D20.2	SPINT1	-0.626488935	0
RP4-555D20.2	HEY2	-0.309492166	4.27E-11
RP4-555D20.2	CST2	-0.260608241	3.01E-08
RP4-555D20.2	ADM	-0.415396704	0
RP4-555D20.2	VSTM2L	-0.273281572	6.77E-09
RP4-555D20.2	FAM84A	-0.386890561	0
RP4-555D20.2	P4HA2	-0.578805277	0
RP4-555D20.2	LPL	-0.203350193	1.83E-05
RP4-555D20.2	TMEM173	-0.309971576	3.98E-11
RP4-555D20.2	DHRS3	-0.296356488	2.91E-10
RP4-555D20.2	SCN1B	-0.508969497	0
RP4-555D20.2	GLT1D1	-0.282833026	1.90E-09
RP4-555D20.2	PHYHIP	-0.502883407	0
RP4-555D20.2	BHLHE40	-0.448940618	0
RP4-555D20.2	BID	-0.43500739	0
RP4-555D20.2	POSTN	-0.289502918	7.63E-10
RP4-555D20.2	ITGA3	-0.547364099	0
RP4-555D20.2	RSP04	-0.331180482	1.44E-12

RP4-555D20.2	ADAMTS9	-0.219945705	3.47E-06
RP4-555D20.2	ABTB2	-0.464795173	0
RP4-555D20.2	KCNQ3	-0.397579833	0
RP4-555D20.2	ANXA1	-0.32989487	1.77E-12
RP4-555D20.2	S100A11	-0.470057047	0
RP4-555D20.2	CEACAM6	-0.314235119	1.62E-11
RP4-555D20.2	IER5L	-0.407107317	0
RP4-555D20.2	KRT80	-0.380670578	4.23E-17
RP4-555D20.2	CDH6	-0.305602425	7.62E-11
RP4-555D20.2	UNC5B	-0.40597801	0
RP4-555D20.2	PLEKHN1	-0.357469853	1.44E-14
RP4-555D20.2	SYTL1	-0.288358434	8.94E-10
RP4-555D20.2	TMEM163	-0.214739715	5.94E-06
RP4-555D20.2	C4orf48	-0.231188992	1.05E-06
RP4-555D20.2	B3GNT7	-0.366156809	2.53E-15
RP4-555D20.2	BAIAP3	-0.355932905	1.93E-14
RP4-555D20.2	PHLDA2	-0.473154344	0
RP4-555D20.2	GAP43	-0.3625441	4.40E-15
RP4-555D20.2	S100A1	-0.422251125	0
RP4-555D20.2	PTPRE	-0.434910089	0
RP4-555D20.2	CCND1	-0.323864948	4.67E-12
RP4-555D20.2	ST6GALNAC5	-0.353674116	2.22E-14
RP4-555D20.2	KRT17	-0.135502543	0.004481287
RP4-555D20.2	HPCAL4	-0.354082782	2.73E-14
RP4-555D20.2	GABBR2	-0.368429324	1.55E-15
RP4-555D20.2	DIRAS3	-0.385247945	0
RP4-555D20.2	SERINC2	-0.437616342	0
RP4-555D20.2	PTCHD4	-0.199215073	2.72E-05
RP4-555D20.2	EPS8	-0.383562069	0
RP4-555D20.2	LY6E	-0.506471177	0
RP4-555D20.2	UPP1	-0.352830218	3.44E-14
RP4-555D20.2	AHNAK2	-0.390232528	0
RP4-555D20.2	PLXNC1	-0.445397243	0
RP4-555D20.2	TNC	-0.421075154	0
RP4-555D20.2	DUSP4	-0.467029533	0
RP4-555D20.2	NRCAM	-0.358829929	1.11E-14
RP4-555D20.2	NRP2	-0.447140563	0
RP4-555D20.2	CTSC	-0.493463861	0
RP4-555D20.2	AMIGO2	-0.249456055	1.31E-07
RP4-555D20.2	NAB2	-0.358164713	1.26E-14
RP4-555D20.2	TBC1D2	-0.426943665	0
RP4-555D20.2	PHLDA3	-0.404199088	0
RP4-555D20.2	PTP4A3	-0.353818965	2.87E-14
RP4-555D20.2	CRABP2	-0.412522091	0
RP4-555D20.2	GOS2	-0.438988616	0
RP4-555D20.2	S100A6	-0.46690571	0
RP4-555D20.2	FOXQ1	-0.282471342	2.00E-09
RP4-555D20.2	LRG1	-0.40262115	0
RP4-555D20.2	LAMP5	-0.265839803	1.76E-08
RP4-555D20.2	ALDH3B1	-0.351137959	4.68E-14
RP4-555D20.2	CDH2	-0.113850538	0.017055684

RP4-555D20.2	SCG5	-0.312738109	2.62E-11
RP4-555D20.2	ZCCHC16	-0.363703783	3.55E-15
RP4-555D20.2	GRB7	-0.421821643	0
RP4-555D20.2	TIAM1	-0.204729134	1.60E-05
RP4-555D20.2	FXYD5	-0.374095717	3.99E-16
RP4-555D20.2	CLDN9	-0.299741147	1.79E-10
RP4-555D20.2	FAM43A	-0.459082683	0
RP4-555D20.2	CHST2	-0.320205409	8.30E-12
RP4-555D20.2	HMGA2	-0.423456032	0
RP4-555D20.2	GALNT7	-0.517717727	0
RP4-555D20.2	CBLN1	-0.273440855	6.63E-09
RP4-555D20.2	STRA6	-0.360337516	8.29E-15
RP4-555D20.2	MUC21	-0.451947974	1.74E-23
RP4-555D20.2	PRR36	-0.396691223	0
RP4-555D20.2	NFE2L3	-0.380427894	4.78E-17
RP4-555D20.2	NR1D1	-0.33256694	1.15E-12
RP4-555D20.2	MUC1	-0.402274784	0
RP4-555D20.2	NAT8L	-0.24449445	2.34E-07
RP4-555D20.2	APOC1	-0.136892122	0.004085437
RP4-555D20.2	EVA1A	-0.374404355	3.67E-16
RP4-555D20.2	ENTPD1	-0.212718677	7.28E-06
RP4-555D20.2	COL1A1	-0.32128408	7.01E-12
RP4-555D20.2	FNDC4	-0.305846243	7.35E-11
RP4-555D20.2	FRMD3	-0.227812418	1.51E-06
RP4-555D20.2	SHROOM4	-0.36638772	2.41E-15
RP4-555D20.2	NELL2	-0.209792719	9.76E-06
RP4-555D20.2	EPHB3	-0.462255721	0
RP4-555D20.2	TMC6	-0.498597231	0
RP4-555D20.2	NOD1	-0.293497051	4.37E-10
RP4-555D20.2	GGCT	-0.519314104	0
RP4-555D20.2	ICAM1	-0.41372104	0
RP4-555D20.2	PRSS23	-0.363640051	4.28E-15
RP4-555D20.2	CFI	-0.343519603	1.81E-13
RP4-555D20.2	CD55	-0.311712201	3.06E-11
RP4-555D20.2	RASD2	-0.318410176	1.10E-11
RP4-555D20.2	KLK11	-0.249377891	1.20E-07
RP4-555D20.2	ICAM5	-0.172955205	0.000277073
RP4-555D20.2	ADORA1	-0.576830763	0
RP4-555D20.2	ITGA2	-0.36742455	1.93E-15
RP4-555D20.2	ABCC3	-0.240638324	3.64E-07
RP4-555D20.2	MFGE8	-0.472791241	0
RP4-555D20.2	STK32A	-0.214854461	5.87E-06
RP4-555D20.2	CYSLTR2	-0.157903165	0.000912503
RP4-555D20.2	LAD1	-0.585706363	0
RP4-555D20.2	MGAT3	-0.233827163	7.83E-07
RP4-555D20.2	IGFBP6	-0.362037859	5.92E-15
RP4-555D20.2	CYP2S1	-0.356545925	1.72E-14
RP4-555D20.2	KCNJ2	-0.402579308	0
RP4-555D20.2	FAM20A	-0.345684889	1.24E-13
RP4-555D20.2	TGFA	-0.48735366	0
RP4-555D20.2	MXRA8	-0.386399379	0

RP4-555D20.2	C8orf4	-0.246815189	1.78E-07
RP4-555D20.2	CLDN10	-0.435141556	1.04E-21
RP4-555D20.2	PDE5A	-0.472554799	0
RP4-555D20.2	APOE	-0.164580715	0.000544428
RP4-555D20.2	SPOCK2	-0.232489922	9.07E-07
RP4-555D20.2	TENM1	-0.165825194	0.0004934
RP4-555D20.2	SLIT1	-0.26769248	1.39E-08
RP4-555D20.2	CXCL14	-0.066993081	0.161085711
RP4-555D20.2	ECM1	-0.229952173	1.20E-06
RP4-555D20.2	DUSP5	-0.419471401	0
RP4-555D20.2	SEZ6L2	-0.451981323	0
RP4-555D20.2	THRSP	-0.319172267	9.75E-12
RP4-555D20.2	C19orf33	-0.309972285	3.98E-11
RP4-555D20.2	MPZL2	-0.457939901	0
RP4-555D20.2	CTSH	-0.522220489	0
RP4-555D20.2	CYP1B1	-0.5729023	0
RP4-555D20.2	ALOX5	-0.392942894	0
RP4-555D20.2	SYTL5	-0.301959774	1.05E-10
RP4-555D20.2	TNFRSF12A	-0.327638951	2.56E-12
RP4-555D20.2	DUSP6	-0.273539858	6.54E-09
RP4-555D20.2	ALOX15B	-0.438099156	0
RP4-555D20.2	SDC4	-0.477314995	0
RP4-555D20.2	MDK	-0.367106409	2.07E-15
RP4-555D20.2	KRT19	-0.420898283	0
RP4-555D20.2	MET	-0.506242536	0
RP4-555D20.2	TESC	-0.292472136	5.04E-10
RP4-555D20.2	CXCL17	-0.556584738	4.48E-37
RP4-555D20.2	NPC2	-0.527718805	0
RP4-555D20.2	COMP	-0.290185438	6.94E-10
RP4-555D20.2	TUSC3	-0.357920327	1.32E-14
RP4-555D20.2	TMPRSS4	-0.387317633	0
RP4-555D20.2	LGALS3	-0.425846271	0
RP4-555D20.2	CRLF1	-0.173997992	0.000254168
RP4-555D20.2	CTXN1	-0.359223243	1.03E-14
RP4-555D20.2	PCSK1N	-0.109010062	0.022394468
RP4-555D20.2	NMU	-0.338720876	3.02E-13
RP4-555D20.2	GALE	-0.47676027	0
RP4-555D20.2	PCSK2	-0.127683346	0.007427052
RP4-555D20.2	GJB3	-0.465705767	0
RP4-555D20.2	SLPI	-0.315778246	1.65E-11
RP4-555D20.2	AGR2	-0.093718884	0.049749071
RP4-555D20.2	MRC2	-0.34512449	1.37E-13
RP4-555D20.2	GOLT1A	-0.480968577	0
RP4-555D20.2	SLC27A6	-0.230453646	1.06E-06
RP4-555D20.2	KCNN4	-0.495463339	0
RP4-555D20.2	ETV4	-0.212158074	7.34E-06
RP4-555D20.2	SYT12	-0.572569266	0
RP4-555D20.2	PVRL4	-0.584516491	0
RP4-555D20.2	PLCD3	-0.410298227	0
RP4-555D20.2	PLAU	-0.498478088	0
RP4-555D20.2	LRRK2	-0.281825557	2.18E-09

RP4-555D20.2	SFN	-0.44021182	0
RP4-555D20.2	LPAR5	-0.413382759	0
RP4-555D20.2	NGEF	-0.41100415	0
RP4-555D20.2	DTX4	-0.350795139	4.98E-14
RP4-555D20.2	CST6	-0.36354417	4.36E-15
RP4-555D20.2	QPCT	-0.503905344	0
RP4-555D20.2	TIMP1	-0.47384268	0
RP4-555D20.2	CAMK2N1	-0.510409569	0
RP4-555D20.2	KLHDC8A	-0.199471373	2.65E-05
RP4-555D20.2	PDLIM4	-0.508218043	0
RP4-555D20.2	SCEL	-0.352134649	3.91E-14
RP4-555D20.2	LCN2	-0.497188079	0
RP4-555D20.2	PROS1	-0.527417827	0
RP4-555D20.2	GABRB2	-0.462579819	0
RP4-555D20.2	TMPRSS6	-0.433357257	0
RP4-555D20.2	KLK7	-0.342024894	1.72E-13
RP4-555D20.2	PDZK1IP1	-0.482117742	0
RP4-555D20.2	CDH3	-0.428619613	0
RP4-555D20.2	LRP4	-0.316504027	1.47E-11
RP4-555D20.2	IGSF1	-0.106582945	0.025579226
RP4-555D20.2	B3GNT3	-0.400029502	0
RP4-555D20.2	CLDN1	-0.408746245	0
RP4-555D20.2	GDF15	-0.4825546	0
RP4-555D20.2	ARHGAP36	-0.101943461	0.03272599
RP4-555D20.2	LAMB3	-0.450175027	0
RP4-555D20.2	KLK10	-0.406594859	0
RP4-555D20.2	DPP4	-0.422449556	0
RP4-555D20.2	METTL7B	-0.489126482	0
RP4-555D20.2	LIPH	-0.498152571	0
RP4-555D20.2	CLDN16	-0.335163978	7.46E-13
RP4-555D20.2	CHI3L1	-0.550202827	0
RP4-555D20.2	SLC22A31	-0.396850293	5.20E-18
RP4-555D20.2	TACSTD2	-0.501370005	0
RP4-555D20.2	SFTPB	-0.42204688	0
RP4-555D20.2	RXRG	-0.436455547	0
RP4-555D20.2	DCSTAMP	-0.538219747	2.46E-34
RP4-555D20.2	CITED1	-0.537714919	0
RP4-555D20.2	SERPINA1	-0.549057492	0
RP4-555D20.2	PRR15	-0.352901562	3.39E-14
RP4-555D20.2	SLC34A2	-0.505752205	0
RP4-555D20.2	FN1	-0.550615006	0
RP4-555D20.2	ZCCHC12	-0.199038061	2.76E-05
LINC01571	TFF3	0.550858222	3.34E-36
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LINC01571	DPT	0.279493272	2.55E-09
LINC01571	CDH16	0.451971715	1.73E-23
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LINC01571	SLC26A7	0.57798133	1.73E-40

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LINC01571	SLC5A8	0.538494668	2.24E-34
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LINC01571	TFCP2L1	0.470016389	1.65E-25
LINC01571	WSCD2	0.530622677	2.99E-33
LINC01571	IPCEF1	0.442222958	1.91E-22
LINC01571	SLC5A5	0.357253055	1.16E-14
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LINC01571	FOSB	0.30371805	8.05E-11
LINC01571	SEMA3D	0.419156339	4.17E-20
LINC01571	BMP8A	0.456291226	5.83E-24
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LINC01571	MFAP4	0.340487509	2.23E-13
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LINC01571	CPXM1	0.351888385	3.05E-14

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LINC01571	DGKI	0.432446827	1.97E-21
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LINC01571	CA4	0.687857913	8.55E-63
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LINC01571	FAM189A1	0.652480769	1.36E-54
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LINC01571	IL33	0.181409968	0.000132437
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PTCSC3	TPO	0.489475986	7.91E-28
PTCSC3	MT1G	0.392369815	1.31E-17
PTCSC3	DIO1	0.391352984	1.62E-17

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PTCSC3	CDH16	0.556368649	4.84E-37
PTCSC3	CRABP1	0.62672861	2.77E-49
PTCSC3	SLC26A7	0.595095577	2.09E-43
PTCSC3	MT1H	0.366041419	2.30E-15
PTCSC3	SLC26A4	0.588909492	2.48E-42
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PTCSC3	PKHD1L1	0.486493962	1.83E-27
PTCSC3	TFCP2L1	0.518244741	1.53E-31
PTCSC3	WSCD2	0.512808142	8.20E-31
PTCSC3	IPCEF1	0.52442189	2.19E-32
PTCSC3	SLC5A5	0.406220734	7.15E-19
PTCSC3	MT1F	0.399085874	3.26E-18
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PTCSC3	SEMA3D	0.457748595	4.02E-24
PTCSC3	BMP8A	0.449436639	3.26E-23
PTCSC3	MATN2	0.59221529	6.66E-43
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PTCSC3	HGD	0.526898509	9.94E-33
PTCSC3	TCEAL2	0.43689157	6.89E-22
PTCSC3	CHRD1	0.284885926	1.21E-09
PTCSC3	TNFRSF11B	0.437607493	5.81E-22
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PTCSC3	KIT	0.609927061	4.44E-46
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PTCSC3	OTOS	0.445482149	8.65E-23
PTCSC3	IGFBPL1	0.532102305	1.85E-33
PTCSC3	HBB	0.228508562	1.31E-06
PTCSC3	BEX1	0.381737135	1.12E-16
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PTCSC3	SOD3	0.299983558	1.40E-10
PTCSC3	TMEM171	0.500285181	3.50E-29
PTCSC3	PI16	0.333320887	7.50E-13
PTCSC3	ZMAT4	0.450172811	2.72E-23
PTCSC3	MFAP4	0.250405521	1.06E-07
PTCSC3	CWH43	0.454116997	1.01E-23
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PTCSC3	DPP6	0.531076038	2.58E-33
PTCSC3	MMRN1	0.380086789	1.55E-16
PTCSC3	WDR72	0.648927025	7.87E-54
PTCSC3	MPPED2	0.560040103	1.31E-37
PTCSC3	PAPSS2	0.422760265	1.85E-20
PTCSC3	DCN	0.207482129	1.17E-05
PTCSC3	SORBS2	0.548448818	7.69E-36
PTCSC3	EGR2	0.455770518	6.66E-24
PTCSC3	EDN3	0.461383614	1.58E-24

PTCSC3	DIO2	0.544530212	2.94E-35
PTCSC3	ITPR1	0.470484206	1.46E-25
PTCSC3	CFD	0.191161426	5.55E-05
PTCSC3	CPXM1	0.330230043	1.25E-12
PTCSC3	ELM01	0.43609097	8.34E-22
PTCSC3	GPC3	0.349324525	4.81E-14
PTCSC3	MYOC	0.317415365	9.86E-12
PTCSC3	DEPTOR	0.477352315	2.29E-26
PTCSC3	DGKI	0.505053746	8.54E-30
PTCSC3	CARTPT	0.479721678	1.20E-26
PTCSC3	IYD	0.504552493	9.91E-30
PTCSC3	LYVE1	0.362920383	4.11E-15
PTCSC3	CLCNKB	0.543739257	3.85E-35
PTCSC3	NCAM1	0.266421345	1.44E-08
PTCSC3	HBA2	0.158003237	0.000893788
PTCSC3	GLT8D2	0.480730095	9.09E-27
PTCSC3	OGDHL	0.488768431	9.66E-28
PTCSC3	LIFR	0.478115257	1.86E-26
PTCSC3	CSGALNACT1	0.53563362	5.80E-34
PTCSC3	RAP1GAP	0.586997953	5.28E-42
PTCSC3	COL9A3	0.389175997	2.52E-17
PTCSC3	FBLN1	0.13598061	0.004313779
PTCSC3	EFEMP1	0.359246092	8.08E-15
PTCSC3	AOX1	0.384416878	6.56E-17
PTCSC3	GRIN2C	0.461415778	1.57E-24
PTCSC3	C11orf74	0.527143887	9.18E-33
PTCSC3	PPARGC1A	0.528071644	6.82E-33
PTCSC3	ANGPTL1	0.532551711	1.59E-33
PTCSC3	SCARA5	0.285529659	1.11E-09
PTCSC3	LTF	0.367306696	1.81E-15
PTCSC3	CA4	0.473078008	7.28E-26
PTCSC3	TG	0.565500762	1.82E-38
PTCSC3	FCGBP	0.399334514	3.09E-18
PTCSC3	PBX4	0.518411258	1.45E-31
PTCSC3	CYR61	0.374350896	4.73E-16
PTCSC3	FOS	0.314996735	1.44E-11
PTCSC3	KHDRBS2	0.462578488	1.16E-24
PTCSC3	MUM1L1	0.37178336	7.74E-16
PTCSC3	RGS16	0.501006778	2.83E-29
PTCSC3	MT1M	0.276039463	4.06E-09
PTCSC3	LRP2	0.543246232	4.55E-35
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PTCSC3	KCNK2	0.421763504	2.32E-20
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PTCSC3	MIOX	0.480574233	9.49E-27
PTCSC3	TPPP	0.532462212	1.64E-33
PTCSC3	FMOD	0.434439135	1.23E-21
PTCSC3	CITED2	0.376396542	3.18E-16
PTCSC3	RGS8	0.538034114	2.62E-34
PTCSC3	ABI3BP	0.4573364	4.47E-24
PTCSC3	ADH1B	0.290550405	5.48E-10

PTCSC3	OGN	0.249817569	1.14E-07
PTCSC3	NR4A1	0.291603323	4.72E-10
PTCSC3	FOXJ1	0.49688894	9.43E-29
PTCSC3	ALDH1A1	0.559377511	1.66E-37
PTCSC3	OCA2	0.453080153	1.31E-23
PTCSC3	TMEM139	0.412260203	1.93E-19
PTCSC3	ARHGAP24	0.509194114	2.46E-30
PTCSC3	SLC25A15	0.500737642	3.06E-29
PTCSC3	DES	0.214336771	5.88E-06
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PTCSC3	KIAA1324	0.414784337	1.10E-19
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PTCSC3	BCL2	0.553795936	1.20E-36
PTCSC3	HLF	0.500386737	3.40E-29
PTCSC3	EGR1	0.410609077	2.77E-19
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PTCSC3	SCUBE3	0.469196821	2.05E-25
PTCSC3	PKNOX2	0.469083635	2.11E-25
PTCSC3	SMAD9	0.477223669	2.37E-26
PTCSC3	IQGAP2	0.419799131	3.61E-20
PTCSC3	GNA14	0.411708032	2.17E-19
PTCSC3	LAYN	0.417732989	5.74E-20
PTCSC3	AVPR1A	0.554524199	9.28E-37
PTCSC3	PDLIM3	0.327104449	2.09E-12
PTCSC3	GPM6A	0.59315872	4.57E-43
PTCSC3	SDPR	0.506575375	5.42E-30
PTCSC3	CRYAB	0.336888729	4.12E-13
PTCSC3	FOXA2	0.410080768	3.10E-19
PTCSC3	C8orf88	0.57298416	1.14E-39
PTCSC3	ISM1	0.344866785	1.05E-13
PTCSC3	BMP2	0.359461542	7.77E-15
PTCSC3	ID4	0.518627985	1.36E-31
PTCSC3	NUPR1	0.296808675	2.23E-10
PTCSC3	SERTM1	0.368239469	1.52E-15
PTCSC3	IRS1	0.557566038	3.17E-37
PTCSC3	FIBIN	0.311270531	2.56E-11
PTCSC3	PODN	0.204827079	1.52E-05
PTCSC3	TDRD9	0.400732958	2.30E-18
PTCSC3	EPHA3	0.394885438	7.82E-18
PTCSC3	AIF1L	0.425588497	9.68E-21
PTCSC3	EBF4	0.334336867	6.33E-13
PTCSC3	ADM2	0.401829926	1.83E-18
PTCSC3	GSTM3	0.447537865	5.22E-23
PTCSC3	HSD17B6	0.428775861	4.64E-21
PTCSC3	AGR3	0.380419293	1.45E-16
PTCSC3	EPHB1	0.455396281	7.32E-24
PTCSC3	TMOD1	0.380784841	1.35E-16
PTCSC3	WASF3	0.560997291	9.29E-38

PTCSC3	SELV	0.398367217	3.79E-18
PTCSC3	ENPP1	0.490147017	6.54E-28
PTCSC3	SYNE1	0.55631938	4.93E-37
PTCSC3	PLCH1	0.545809654	1.90E-35
PTCSC3	CCDC146	0.558004031	2.71E-37
PTCSC3	SLC16A2	0.535724395	5.62E-34
PTCSC3	IER2	0.316427304	1.15E-11
PTCSC3	KCNAB1	0.442058626	1.99E-22
PTCSC3	SYNDIG1	0.395396761	7.03E-18
PTCSC3	C16orf89	0.488375826	1.08E-27
PTCSC3	CTGF	0.253974285	6.86E-08
PTCSC3	NR4A3	0.211942978	7.50E-06
PTCSC3	KIAA1456	0.585794039	8.46E-42
PTCSC3	AQP4	0.510430366	1.69E-30
PTCSC3	RNF150	0.44517422	9.33E-23
PTCSC3	C1S	0.097254604	0.041677021
PTCSC3	PFKFB2	0.518950452	1.23E-31
PTCSC3	PROX1	0.541668648	7.75E-35
PTCSC3	TCF7L1	0.466652618	4.01E-25
PTCSC3	HSPB6	0.26470696	1.79E-08
PTCSC3	FHDC1	0.563415401	3.88E-38
PTCSC3	PRR15L	0.485316541	2.55E-27
PTCSC3	SLC1A1	0.508609745	2.94E-30
PTCSC3	BTBD11	0.550278729	4.09E-36
PTCSC3	TRIM58	0.497663464	7.53E-29
PTCSC3	LRIG1	0.540548986	1.13E-34
PTCSC3	ROR2	0.329007549	1.53E-12
PTCSC3	GPR125	0.564679099	2.45E-38
PTCSC3	FLRT1	0.474327922	5.20E-26
PTCSC3	PGF	0.337930381	3.45E-13
PTCSC3	DUSP1	0.267373782	1.27E-08
PTCSC3	PLA2G7	0.371585781	8.04E-16
PTCSC3	PLSCR4	0.606742533	1.71E-45
PTCSC3	FAM46B	0.307737156	4.40E-11
PTCSC3	GLDC	0.206218856	1.33E-05
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PTCSC3	HSD11B2	0.511449466	1.24E-30
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PTCSC3	CLCNKA	0.498842219	5.34E-29
PTCSC3	GATM	0.574652378	6.10E-40
PTCSC3	TNS3	0.458328764	3.47E-24
PTCSC3	TOB1	0.318786623	7.95E-12
PTCSC3	MARC2	0.614039912	7.59E-47
PTCSC3	LRRC2	0.532124498	1.83E-33
PTCSC3	SORD	0.561276994	8.40E-38
PTCSC3	RIMS4	0.488303844	1.10E-27
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PTCSC3	SLC39A14	0.520345704	7.94E-32
PTCSC3	FAXDC2	0.5246828	2.02E-32
PTCSC3	HSPB8	0.230968798	9.99E-07

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PTCSC3	SGCD	0.29342359	3.64E-10
PTCSC3	STARD13	0.473746673	6.08E-26
PTCSC3	LDHD	0.541353699	8.61E-35
PTCSC3	RCAN1	0.329989416	1.30E-12
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PTCSC3	SYTL3	0.520292231	8.07E-32
PTCSC3	MT1E	0.258226776	4.06E-08
PTCSC3	CAMK1D	0.474470822	5.00E-26
PTCSC3	PRKCQ	0.611927673	1.89E-46
PTCSC3	NUAK2	0.422190505	2.10E-20
PTCSC3	LIPG	0.545571864	2.06E-35
PTCSC3	SLC25A25	0.391957139	1.43E-17
PTCSC3	PRKX	0.4393784	3.80E-22
PTCSC3	SRPX	0.165189983	0.000510568
PTCSC3	FAM189A1	0.474069211	5.58E-26
PTCSC3	PLEKHH1	0.56473243	2.40E-38
PTCSC3	WNT11	0.347766007	6.33E-14
PTCSC3	SNAI1	0.296085802	2.48E-10
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PTCSC3	MT1X	0.289736675	6.15E-10
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PTCSC3	ARC	0.288785728	7.03E-10
PTCSC3	KLK4	0.247071439	1.58E-07
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PTCSC3	GJB6	0.421566552	2.42E-20
PTCSC3	ERO1LB	0.503355955	1.41E-29
PTCSC3	DNALI1	0.457214065	4.61E-24
PTCSC3	HKDC1	0.367878725	1.63E-15
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PTCSC3	RPS6KA6	0.556932684	3.96E-37
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PTCSC3	TP53INP2	0.47013784	1.60E-25
PTCSC3	KATNAL2	0.524426784	2.19E-32
PTCSC3	SGPP2	0.365439765	2.57E-15
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PTCSC3	SNTA1	0.436522651	7.53E-22
PTCSC3	FRAS1	0.32497363	2.95E-12

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PTCSC3	FBLN5	0.300624023	1.27E-10
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PTCSC3	PKIA	0.484585371	3.13E-27
PTCSC3	DNAJB4	0.540123332	1.30E-34
PTCSC3	SLC25A33	0.383911641	7.26E-17
PTCSC3	EYA2	0.430817323	2.89E-21
PTCSC3	LPAR1	0.297751821	1.94E-10
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PTCSC3	ARHGEF28	0.412611321	1.78E-19
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PTCSC3	ALDH1B1	0.326156457	2.44E-12
PTCSC3	CXCL12	0.202241459	1.96E-05
PTCSC3	OLFM2	0.393116516	1.13E-17
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PTCSC3	SHANK2	0.551241165	2.93E-36
PTCSC3	CNTFR	0.33954489	2.63E-13
PTCSC3	CYTH3	0.569817291	3.71E-39
PTCSC3	PLAC9	0.233167912	7.82E-07
PTCSC3	WVOX	0.535934173	5.25E-34
PTCSC3	NPR3	0.351874036	3.06E-14
PTCSC3	SDC2	0.432567026	1.92E-21
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PTCSC3	SPAG5	0.346122682	8.44E-14
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PTCSC3	KLF9	0.386518962	4.31E-17
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PTCSC3	RARB	0.481882167	6.62E-27
PTCSC3	CDC42EP2	0.3825505	9.51E-17
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PTCSC3	PEBP4	0.368373028	1.48E-15
PTCSC3	CDADC1	0.521109071	6.25E-32
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PTCSC3	FREM2	0.424887042	1.14E-20
PTCSC3	ACKR3	0.433301955	1.61E-21
PTCSC3	DENND6A	0.496736203	9.86E-29
PTCSC3	CLDN8	0.301032798	1.20E-10
PTCSC3	UTS2R	0.245541058	1.89E-07
PTCSC3	SCNN1B	0.432636739	1.89E-21
PTCSC3	TTC30A	0.515936342	3.13E-31
PTCSC3	CORO2B	0.482538944	5.52E-27
PTCSC3	TC2N	0.321408979	5.24E-12
PTCSC3	ALDH2	0.405945614	7.59E-19
PTCSC3	GPR183	0.060012285	0.209499328
PTCSC3	C4orf47	0.525271353	1.67E-32
PTCSC3	SLC25A42	0.447594104	5.15E-23
PTCSC3	LGMN	0.390873787	1.78E-17
PTCSC3	ACSF2	0.395386974	7.04E-18
PTCSC3	KIAA1467	0.491305189	4.70E-28
PTCSC3	PRKG1	0.454871483	8.36E-24
PTCSC3	GNAI1	0.514337341	5.13E-31
PTCSC3	ABCC4	0.303618276	8.17E-11
PTCSC3	PRPS1	0.540779116	1.04E-34
PTCSC3	TSPAN5	0.399327493	3.10E-18
PTCSC3	CR2	0.071797969	0.133101133
PTCSC3	CCDC170	0.528381203	6.17E-33
PTCSC3	RRAD	-0.031552167	0.509657778
PTCSC3	SCGB2A1	0.367113017	1.88E-15
PTCSC3	SESN3	0.344959759	1.03E-13
PTCSC3	SGK223	0.300988119	1.21E-10
PTCSC3	NDRG2	0.487299921	1.46E-27
PTCSC3	C3orf52	0.184050563	0.000105113
PTCSC3	FLRT3	-0.180239257	0.000146574
PTCSC3	MST1R	-0.273758864	5.50E-09
PTCSC3	SDC1	-0.424821797	1.15E-20
PTCSC3	ST8SIA4	-0.42284792	1.81E-20
PTCSC3	UBTD1	-0.305668674	6.01E-11
PTCSC3	EPHA2	-0.319741825	6.83E-12
PTCSC3	TMEM130	-0.20327219	1.77E-05
PTCSC3	SPINK2	-0.383353795	8.11E-17
PTCSC3	MMP16	-0.318595568	8.19E-12
PTCSC3	SIGLEC15	-0.364823341	2.88E-15
PTCSC3	RIN1	-0.418415722	4.92E-20
PTCSC3	IL1RN	-0.364031464	3.34E-15
PTCSC3	FCER1G	-0.337223039	3.89E-13
PTCSC3	CD276	-0.440916198	2.63E-22
PTCSC3	CTSB	-0.201261932	2.15E-05

PTCSC3	FAM171A2	-0.148814247	0.001768757
PTCSC3	ASPHD1	-0.418563517	4.76E-20
PTCSC3	C15orf48	-0.266552119	1.41E-08
PTCSC3	DYSF	-0.174208626	0.000244692
PTCSC3	PDZRN4	-0.066784228	0.162457082
PTCSC3	EFHD2	-0.248505116	1.33E-07
PTCSC3	ASF1B	-0.389923833	2.16E-17
PTCSC3	AQP1	-0.171914056	0.000296079
PTCSC3	ARRDC2	-0.367378678	1.79E-15
PTCSC3	PRSS1	-0.121897158	0.010579598
PTCSC3	MAPK13	-0.345708517	9.07E-14
PTCSC3	CST5	-0.360077629	6.94E-15
PTCSC3	AHR	-0.357218813	1.17E-14
PTCSC3	BAX	-0.54221309	6.45E-35
PTCSC3	C1orf115	-0.025663941	0.591768848
PTCSC3	PLK3	-0.382855734	8.96E-17
PTCSC3	JAG2	-0.317022524	1.05E-11
PTCSC3	RAD23B	-0.164512001	0.000538795
PTCSC3	CA12	0.029802677	0.533420264
PTCSC3	ADTRP	-0.110591621	0.02046788
PTCSC3	UCP2	-0.296689461	2.27E-10
PTCSC3	IGFBP2	-0.327365146	2.00E-12
PTCSC3	LOXL2	-0.318131265	8.81E-12
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PTCSC3	P3H3	-0.4261762	8.46E-21
PTCSC3	C2orf81	-0.202658673	1.88E-05
PTCSC3	CDT1	-0.456332831	5.77E-24
PTCSC3	SNX25	-0.174779166	0.000233277
PTCSC3	MTHFD1L	-0.440620752	2.82E-22
PTCSC3	CDC42BPG	-0.302218567	1.01E-10
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PTCSC3	SIGLEC6	-0.286126917	1.02E-09
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PTCSC3	TMEM184A	-0.457893324	3.88E-24
PTCSC3	CKS2	-0.323808296	3.57E-12
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PTCSC3	PMEP1	-0.362413599	4.51E-15
PTCSC3	CXCL16	-0.436884194	6.91E-22
PTCSC3	FAXC	-0.458243307	3.55E-24
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PTCSC3	LY6G6C	-0.250820448	1.01E-07
PTCSC3	NID1	-0.304271223	7.41E-11
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PTCSC3	RAB34	-0.365286084	2.64E-15
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PTCSC3	EPHA10	-0.305942419	5.77E-11
PTCSC3	ENTPD2	-0.257672121	4.35E-08
PTCSC3	DDB2	-0.419525953	3.84E-20
PTCSC3	NKAIN4	-0.421218566	2.62E-20

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PTCSC3	AGRN	-0.277320678	3.42E-09
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PTCSC3	RMI2	-0.387850883	3.29E-17
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PTCSC3	FYN	-0.460096551	2.21E-24
PTCSC3	TK1	-0.421800027	2.30E-20
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PTCSC3	FRMD5	-0.33482507	5.83E-13
PTCSC3	SAMD11	-0.281845566	1.85E-09
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PTCSC3	S100A16	-0.421442598	2.49E-20
PTCSC3	PPL	-0.307139667	4.81E-11
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PTCSC3	CDC42EP3	-0.440346722	3.01E-22
PTCSC3	RUNX2	-0.253569979	7.20E-08

PTCSC3	LAMC2	-0.409957619	3.19E-19
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PTCSC3	PLAG1	-0.210379861	8.78E-06
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PTCSC3	DLG4	-0.204778784	1.53E-05
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PTCSC3	CMTM3	-0.480362453	1.01E-26
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PTCSC3	MYH10	-0.258774267	3.79E-08
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PTCSC3	CACNG4	-0.392084858	1.39E-17
PTCSC3	FHOD1	-0.259144249	3.62E-08
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PTCSC3	DRAM1	-0.411617539	2.22E-19
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PTCSC3	SPP1	-0.232587302	8.35E-07
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PTCSC3	PELI1	-0.396177432	5.98E-18
PTCSC3	SSX1	-0.295220666	2.81E-10
PTCSC3	MROH6	-0.425243833	1.05E-20
PTCSC3	ESPN	-0.337493026	3.72E-13
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PTCSC3	WNT10A	-0.35748236	1.11E-14
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PTCSC3	CDC42EP1	-0.385194699	5.62E-17

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PTCSC3	TGFBI	-0.269015405	1.03E-08
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PTCSC3	DOK7	-0.364305351	3.17E-15
PTCSC3	ZMAT3	-0.468098364	2.74E-25
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PTCSC3	TMEM79	-0.375889899	3.51E-16
PTCSC3	SLC1A5	-0.326582985	2.28E-12
PTCSC3	BBC3	-0.458988661	2.93E-24
PTCSC3	HLA-DQB2	-0.305421381	6.24E-11
PTCSC3	C1QL1	-0.212817616	6.86E-06

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PTCSC3	ITGB4	-0.463563547	8.99E-25
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PTCSC3	CCL13	-0.384246122	6.79E-17
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PTCSC3	FAM84A	-0.451105849	2.15E-23
PTCSC3	P4HA2	-0.305168201	6.48E-11
PTCSC3	LPL	-0.367860641	1.63E-15
PTCSC3	TMEM173	-0.47427842	5.27E-26
PTCSC3	DHRS3	-0.321577411	5.10E-12

PTCSC3	SCN1B	-0.444090443	1.22E-22
PTCSC3	GLT1D1	-0.245889356	1.81E-07
PTCSC3	PHYHIP	-0.376407889	3.18E-16
PTCSC3	BHLHE40	-0.359195243	8.15E-15
PTCSC3	BID	-0.355660307	1.55E-14
PTCSC3	POSTN	-0.28737842	8.57E-10
PTCSC3	ITGA3	-0.378051852	2.31E-16
PTCSC3	RSP04	-0.244803025	2.06E-07
PTCSC3	ADAMTS9	-0.114070035	0.01680129
PTCSC3	ABTB2	-0.30807487	4.18E-11
PTCSC3	KCNQ3	-0.379085774	1.88E-16
PTCSC3	ANXA1	-0.214895672	5.55E-06
PTCSC3	S100A11	-0.513765808	6.12E-31
PTCSC3	CEACAM6	-0.421415456	2.51E-20
PTCSC3	IER5L	-0.400910821	2.22E-18
PTCSC3	KRT80	-0.371255726	8.57E-16
PTCSC3	CDH6	-0.420275987	3.24E-20
PTCSC3	UNC5B	-0.353569415	2.26E-14
PTCSC3	PLEKHN1	-0.450586725	2.45E-23
PTCSC3	SYTL1	-0.47212051	9.41E-26
PTCSC3	TMEM163	-0.315994275	1.23E-11
PTCSC3	C4orf48	-0.355902707	1.48E-14
PTCSC3	B3GNT7	-0.232501845	8.43E-07
PTCSC3	BAIAP3	-0.355484713	1.60E-14
PTCSC3	PHLDA2	-0.368527701	1.44E-15
PTCSC3	GAP43	-0.25783988	4.26E-08
PTCSC3	S100A1	-0.341485955	1.88E-13
PTCSC3	PTPRE	-0.347024482	7.21E-14
PTCSC3	CCND1	-0.470742917	1.36E-25
PTCSC3	ST6GALNAC5	-0.422318458	2.04E-20
PTCSC3	KRT17	-0.334513312	6.14E-13
PTCSC3	HPCAL4	-0.167452852	0.000425994
PTCSC3	GABBR2	-0.08193598	0.086393095
PTCSC3	DIRAS3	-0.131981016	0.005613379
PTCSC3	SERINC2	-0.467123801	3.54E-25
PTCSC3	PTCHD4	-0.400595446	2.37E-18
PTCSC3	EPS8	-0.172447576	0.000283303
PTCSC3	LY6E	-0.379554404	1.72E-16
PTCSC3	UPP1	-0.479519374	1.27E-26
PTCSC3	AHNAK2	-0.441738499	2.15E-22
PTCSC3	PLXNC1	-0.18274403	0.000117892
PTCSC3	TNC	-0.360724531	6.16E-15
PTCSC3	DUSP4	-0.404101731	1.13E-18
PTCSC3	NRCAM	-0.276212434	3.96E-09
PTCSC3	NRP2	-0.251315974	9.47E-08
PTCSC3	CTSC	-0.360844242	6.03E-15
PTCSC3	AMIGO2	-0.31681069	1.08E-11
PTCSC3	NAB2	-0.191123414	5.57E-05
PTCSC3	TBC1D2	-0.400468715	2.43E-18
PTCSC3	PHLDA3	-0.494007044	2.17E-28
PTCSC3	PTP4A3	-0.373741138	5.32E-16

PTCSC3	CRABP2	-0.282775663	1.62E-09
PTCSC3	GOS2	-0.275934646	4.11E-09
PTCSC3	S100A6	-0.433345925	1.60E-21
PTCSC3	FOXQ1	-0.295063369	2.87E-10
PTCSC3	LRG1	-0.33160253	9.98E-13
PTCSC3	LAMP5	-0.295965595	2.52E-10
PTCSC3	ALDH3B1	-0.466756159	3.90E-25
PTCSC3	CDH2	-0.132406669	0.005460018
PTCSC3	SCG5	-0.141398647	0.002986588
PTCSC3	ZCCHC16	-0.105388739	0.027244571
PTCSC3	GRB7	-0.441788851	2.13E-22
PTCSC3	TIAM1	-0.272552681	6.45E-09
PTCSC3	FXYD5	-0.458507975	3.31E-24
PTCSC3	CLDN9	-0.327422519	1.98E-12
PTCSC3	FAM43A	-0.281449699	1.95E-09
PTCSC3	CHST2	-0.430242457	3.30E-21
PTCSC3	HMGA2	-0.383642079	7.66E-17
PTCSC3	GALNT7	-0.236498532	5.38E-07
PTCSC3	CBLN1	-0.279667161	2.49E-09
PTCSC3	STRA6	-0.447727856	4.98E-23
PTCSC3	MUC21	-0.405883084	7.69E-19
PTCSC3	PRR36	-0.395833619	6.42E-18
PTCSC3	NFE2L3	-0.435939275	8.65E-22
PTCSC3	NR1D1	-0.28815661	7.69E-10
PTCSC3	MUC1	-0.435203779	1.03E-21
PTCSC3	NAT8L	-0.196376777	3.42E-05
PTCSC3	APOC1	-0.317115569	1.03E-11
PTCSC3	EVA1A	-0.410197182	3.03E-19
PTCSC3	ENTPD1	-0.258600304	3.87E-08
PTCSC3	COL1A1	-0.330664561	1.17E-12
PTCSC3	FNDC4	-0.358878592	8.64E-15
PTCSC3	FRMD3	-0.026711833	0.57672218
PTCSC3	SHROOM4	-0.270767022	8.16E-09
PTCSC3	NELL2	-0.242155706	2.81E-07
PTCSC3	EPHB3	-0.503834159	1.23E-29
PTCSC3	TMC6	-0.567061963	1.03E-38
PTCSC3	NOD1	-0.225960387	1.73E-06
PTCSC3	GGCT	-0.284578272	1.27E-09
PTCSC3	ICAM1	-0.354393418	1.95E-14
PTCSC3	PRSS23	-0.364811072	2.89E-15
PTCSC3	CFI	-0.33629195	4.56E-13
PTCSC3	CD55	-0.416820551	7.03E-20
PTCSC3	RASD2	-0.28378448	1.41E-09
PTCSC3	KLK11	-0.236967062	5.10E-07
PTCSC3	ICAM5	-0.285004563	1.19E-09
PTCSC3	ADORA1	-0.251149386	9.67E-08
PTCSC3	ITGA2	-0.39776537	4.29E-18
PTCSC3	ABCC3	-0.194732389	3.99E-05
PTCSC3	MFGE8	-0.297376236	2.05E-10
PTCSC3	STK32A	-0.18088873	0.000138565
PTCSC3	CYSLTR2	-0.265518765	1.61E-08

PTCSC3	LAD1	-0.405643927	8.10E-19
PTCSC3	MGAT3	-0.400343615	2.50E-18
PTCSC3	IGFBP6	-0.298656671	1.70E-10
PTCSC3	CYP2S1	-0.482398667	5.74E-27
PTCSC3	KCNJ2	-0.293166723	3.77E-10
PTCSC3	FAM20A	-0.415418775	9.60E-20
PTCSC3	TGFA	-0.266763456	1.37E-08
PTCSC3	MXRA8	-0.363251927	3.86E-15
PTCSC3	C8orf4	-0.37314684	5.96E-16
PTCSC3	CLDN10	-0.308320697	4.02E-11
PTCSC3	PDE5A	-0.236175923	5.58E-07
PTCSC3	APOE	-0.270838154	8.09E-09
PTCSC3	SPOCK2	-0.447824873	4.86E-23
PTCSC3	TENM1	-0.110017819	0.021135242
PTCSC3	SLIT1	-0.203711105	1.70E-05
PTCSC3	CXCL14	-0.211573563	7.78E-06
PTCSC3	ECM1	-0.229328948	1.20E-06
PTCSC3	DUSP5	-0.434960102	1.09E-21
PTCSC3	SEZ6L2	-0.428969682	4.44E-21
PTCSC3	THRSP	-0.184113326	0.000104533
PTCSC3	C19orf33	-0.481765861	6.83E-27
PTCSC3	MPZL2	-0.323599228	3.69E-12
PTCSC3	CTSH	-0.325131565	2.88E-12
PTCSC3	CYP1B1	-0.257159877	4.63E-08
PTCSC3	ALOX5	-0.400763523	2.29E-18
PTCSC3	SYTL5	-0.378271642	2.21E-16
PTCSC3	TNFRSF12A	-0.300569912	1.29E-10
PTCSC3	DUSP6	-0.310375255	2.94E-11
PTCSC3	ALOX15B	-0.355226853	1.68E-14
PTCSC3	SDC4	-0.32079681	5.78E-12
PTCSC3	MDK	-0.355694915	1.54E-14
PTCSC3	KRT19	-0.493765779	2.33E-28
PTCSC3	MET	-0.378749549	2.01E-16
PTCSC3	TESC	-0.248194138	1.38E-07
PTCSC3	CXCL17	-0.279306904	2.61E-09
PTCSC3	NPC2	-0.234478984	6.75E-07
PTCSC3	COMP	-0.399050698	3.28E-18
PTCSC3	TUSC3	-0.305586905	6.09E-11
PTCSC3	TMPRSS4	-0.475090793	4.23E-26
PTCSC3	LGALS3	-0.419398228	3.95E-20
PTCSC3	CRLF1	-0.386317979	4.48E-17
PTCSC3	CTXN1	-0.396424371	5.68E-18
PTCSC3	PCSK1N	-0.40714194	5.87E-19
PTCSC3	NMU	-0.430491159	3.12E-21
PTCSC3	GALE	-0.447315677	5.51E-23
PTCSC3	PCSK2	-0.199007076	2.67E-05
PTCSC3	GJB3	-0.33849617	3.14E-13
PTCSC3	SLPI	-0.46992402	1.69E-25
PTCSC3	AGR2	-0.358076503	1.00E-14
PTCSC3	MRC2	-0.336669095	4.28E-13
PTCSC3	GOLT1A	-0.301415474	1.13E-10

PTCSC3	SLC27A6	-0.305944806	5.77E-11
PTCSC3	KCNN4	-0.461162457	1.68E-24
PTCSC3	ETV4	-0.390955428	1.75E-17
PTCSC3	SYT12	-0.29728539	2.08E-10
PTCSC3	PVRL4	-0.385791124	4.98E-17
PTCSC3	PLCD3	-0.338599214	3.08E-13
PTCSC3	PLAU	-0.381123193	1.26E-16
PTCSC3	LRRK2	-0.229205905	1.21E-06
PTCSC3	SFN	-0.417904967	5.52E-20
PTCSC3	LPAR5	-0.293235018	3.74E-10
PTCSC3	NGEF	-0.442309394	1.87E-22
PTCSC3	DTX4	-0.217903187	4.06E-06
PTCSC3	CST6	-0.299992777	1.40E-10
PTCSC3	QPCT	-0.30980351	3.21E-11
PTCSC3	TIMP1	-0.335510853	5.20E-13
PTCSC3	CAMK2N1	-0.333709521	7.03E-13
PTCSC3	KLHDC8A	-0.158335348	0.000871399
PTCSC3	PDLIM4	-0.356963578	1.22E-14
PTCSC3	SCEL	-0.335446104	5.25E-13
PTCSC3	LCN2	-0.436712004	7.20E-22
PTCSC3	PROS1	-0.307636948	4.46E-11
PTCSC3	GABRB2	-0.233021678	7.95E-07
PTCSC3	TMPRSS6	-0.392083091	1.39E-17
PTCSC3	KLK7	-0.155670325	0.001066662
PTCSC3	PDZK1IP1	-0.465631107	5.24E-25
PTCSC3	CDH3	-0.362332397	4.58E-15
PTCSC3	LRP4	-0.290368134	5.62E-10
PTCSC3	IGSF1	-0.328520196	1.66E-12
PTCSC3	B3GNT3	-0.466088319	4.65E-25
PTCSC3	CLDN1	-0.416579853	7.42E-20
PTCSC3	GDF15	-0.424575851	1.22E-20
PTCSC3	ARHGAP36	-0.231434938	9.49E-07
PTCSC3	LAMB3	-0.453682888	1.13E-23
PTCSC3	KLK10	-0.233929294	7.18E-07
PTCSC3	DPP4	-0.330716403	1.16E-12
PTCSC3	METTL7B	-0.230520664	1.05E-06
PTCSC3	LIPH	-0.45576066	6.67E-24
PTCSC3	CLDN16	-0.400388364	2.48E-18
PTCSC3	CHI3L1	-0.221787255	2.70E-06
PTCSC3	SLC22A31	-0.402801901	1.49E-18
PTCSC3	TACSTD2	-0.338301214	3.24E-13
PTCSC3	SFTPB	-0.280867528	2.11E-09
PTCSC3	RXRG	-0.179153139	0.000160944
PTCSC3	DCSTAMP	-0.272037831	6.91E-09
PTCSC3	CITED1	-0.140291821	0.003222871
PTCSC3	SERPINA1	-0.405922707	7.63E-19
PTCSC3	PRR15	-0.297754729	1.94E-10
PTCSC3	SLC34A2	-0.312522882	2.11E-11
PTCSC3	FN1	-0.451083439	2.16E-23
PTCSC3	ZCCHC12	-0.19174693	5.26E-05
RP3-340B19.3	TFF3	0.506972572	0

RP3-340B19.3	CCL21	0.33014377	1.27E-12
RP3-340B19.3	TPO	0.550445936	0
RP3-340B19.3	MT1G	0.568349186	0
RP3-340B19.3	DIO1	0.485617289	0
RP3-340B19.3	DPT	0.356249683	1.39E-14
RP3-340B19.3	CDH16	0.566954927	0
RP3-340B19.3	CRABP1	0.563357344	3.96E-38
RP3-340B19.3	SLC26A7	0.56313114	0
RP3-340B19.3	MT1H	0.555929155	5.65E-37
RP3-340B19.3	SLC26A4	0.57913902	0
RP3-340B19.3	SLC5A8	0.63037793	5.25E-50
RP3-340B19.3	PKHD1L1	0.489659112	7.51E-28
RP3-340B19.3	TFCP2L1	0.572299492	0
RP3-340B19.3	WSCD2	0.516417595	2.70E-31
RP3-340B19.3	IPCEF1	0.510921459	0
RP3-340B19.3	SLC5A5	0.455263244	7.57E-24
RP3-340B19.3	MT1F	0.547350057	0
RP3-340B19.3	FOSB	0.261707379	2.96E-08
RP3-340B19.3	SEMA3D	0.440855563	2.67E-22
RP3-340B19.3	BMP8A	0.403327641	0
RP3-340B19.3	MATN2	0.599311948	0
RP3-340B19.3	PLA2R1	0.522094254	0
RP3-340B19.3	COL23A1	0.612707614	0
RP3-340B19.3	HGD	0.591418712	0
RP3-340B19.3	TCEAL2	0.412987175	0
RP3-340B19.3	CHRDL1	0.300919966	1.22E-10
RP3-340B19.3	TNFRSF11B	0.44247242	0
RP3-340B19.3	FAM167A	0.507403473	0
RP3-340B19.3	KIT	0.483449451	0
RP3-340B19.3	SLC4A4	0.546429676	0
RP3-340B19.3	SMOC2	0.355264285	2.19E-14
RP3-340B19.3	FHL1	0.498876083	0
RP3-340B19.3	OTOS	0.567775597	0
RP3-340B19.3	IGFBPL1	0.560404968	1.15E-37
RP3-340B19.3	HBB	0.274169898	6.03E-09
RP3-340B19.3	BEX1	0.363182627	4.70E-15
RP3-340B19.3	FABP4	0.384064936	7.04E-17
RP3-340B19.3	LMOD1	0.519354669	0
RP3-340B19.3	SOD3	0.489284063	0
RP3-340B19.3	TMEM171	0.609559255	0
RP3-340B19.3	PI16	0.348879061	7.04E-14
RP3-340B19.3	ZMAT4	0.501543609	2.42E-29
RP3-340B19.3	MFAP4	0.192029321	5.29E-05
RP3-340B19.3	CWH43	0.516918848	2.31E-31
RP3-340B19.3	SPX	0.514992752	0
RP3-340B19.3	APOD	0.222005464	2.80E-06
RP3-340B19.3	DPP6	0.498743323	0
RP3-340B19.3	MMRN1	0.381430966	2.73E-17
RP3-340B19.3	WDR72	0.564359307	0
RP3-340B19.3	MPPED2	0.514075917	0
RP3-340B19.3	PAPSS2	0.380598241	4.39E-17

RP3-340B19.3	DCN	0.218959227	3.85E-06
RP3-340B19.3	SORBS2	0.521414286	0
RP3-340B19.3	EGR2	0.291975139	5.41E-10
RP3-340B19.3	EDN3	0.354010838	2.09E-14
RP3-340B19.3	DIO2	0.535091783	0
RP3-340B19.3	ITPR1	0.446494921	0
RP3-340B19.3	CFD	0.248644321	1.44E-07
RP3-340B19.3	CPXM1	0.271918376	8.08E-09
RP3-340B19.3	ELMO1	0.435258725	0
RP3-340B19.3	GPC3	0.365161622	2.71E-15
RP3-340B19.3	MYOC	0.18828716	7.21E-05
RP3-340B19.3	DEPTOR	0.454691689	0
RP3-340B19.3	DGKI	0.460942451	0
RP3-340B19.3	CARTPT	0.529041947	4.99E-33
RP3-340B19.3	IYD	0.579203272	0
RP3-340B19.3	LYVE1	0.295832116	3.14E-10
RP3-340B19.3	CLCNKB	0.522137514	0
RP3-340B19.3	NCAM1	0.471830295	0
RP3-340B19.3	HBA2	0.212443372	7.49E-06
RP3-340B19.3	GLT8D2	0.432629065	0
RP3-340B19.3	OGDHL	0.59797953	0
RP3-340B19.3	LIFR	0.428461464	0
RP3-340B19.3	CSGALNACT1	0.510245322	0
RP3-340B19.3	RAP1GAP	0.604029451	0
RP3-340B19.3	COL9A3	0.402826672	0
RP3-340B19.3	FBLN1	0.202581436	1.97E-05
RP3-340B19.3	EFEMP1	0.352428819	3.70E-14
RP3-340B19.3	AOX1	0.422903024	1.79E-20
RP3-340B19.3	GRIN2C	0.551203063	0
RP3-340B19.3	C11orf74	0.542948851	0
RP3-340B19.3	PPARGC1A	0.585585802	0
RP3-340B19.3	ANGPTL1	0.409555284	0
RP3-340B19.3	SCARA5	0.300852379	1.23E-10
RP3-340B19.3	LTF	0.415073316	0
RP3-340B19.3	CA4	0.407159303	5.85E-19
RP3-340B19.3	TG	0.489727446	0
RP3-340B19.3	FCGBP	0.445451567	0
RP3-340B19.3	PBX4	0.465050338	0
RP3-340B19.3	CYR61	0.261764965	2.93E-08
RP3-340B19.3	FOS	0.265447766	1.85E-08
RP3-340B19.3	KHDRBS2	0.418988162	0
RP3-340B19.3	MUM1L1	0.385089088	0
RP3-340B19.3	RGS16	0.540067997	0
RP3-340B19.3	MT1M	0.434720595	0
RP3-340B19.3	LRP2	0.529688355	0
RP3-340B19.3	MAFB	0.472960169	0
RP3-340B19.3	KCNK2	0.400243393	0
RP3-340B19.3	TBC1D4	0.417255196	0
RP3-340B19.3	MIOX	0.499921085	3.89E-29
RP3-340B19.3	TPPP	0.512298698	0
RP3-340B19.3	FMOD	0.51577314	0

RP3-340B19.3	CITED2	0.366129435	2.55E-15
RP3-340B19.3	RGS8	0.490902965	5.27E-28
RP3-340B19.3	ABI3BP	0.412708181	0
RP3-340B19.3	ADH1B	0.321632787	5.05E-12
RP3-340B19.3	OGN	0.252642269	8.07E-08
RP3-340B19.3	NR4A1	0.189566744	6.61E-05
RP3-340B19.3	FOXJ1	0.383959832	7.19E-17
RP3-340B19.3	ALDH1A1	0.505005149	0
RP3-340B19.3	OCA2	0.358614553	9.07E-15
RP3-340B19.3	TMEM139	0.398554112	0
RP3-340B19.3	ARHGAP24	0.552590372	0
RP3-340B19.3	SLC25A15	0.512305931	0
RP3-340B19.3	DES	0.273261512	5.87E-09
RP3-340B19.3	GDF10	0.395003751	7.63E-18
RP3-340B19.3	KIAA1324	0.453999523	0
RP3-340B19.3	JUN	0.311511076	3.15E-11
RP3-340B19.3	C7	0.171251599	0.000318685
RP3-340B19.3	LGI3	0.537727542	0
RP3-340B19.3	CDON	0.469391263	0
RP3-340B19.3	BCL2	0.533637952	0
RP3-340B19.3	HLF	0.458192229	0
RP3-340B19.3	EGR1	0.289380087	7.76E-10
RP3-340B19.3	IP6K3	0.481099209	0
RP3-340B19.3	SCUBE3	0.433365483	0
RP3-340B19.3	PKNOX2	0.357234687	1.51E-14
RP3-340B19.3	SMAD9	0.412655702	0
RP3-340B19.3	IQGAP2	0.503646349	0
RP3-340B19.3	GNA14	0.469393816	0
RP3-340B19.3	LAYN	0.343152954	1.93E-13
RP3-340B19.3	AVPR1A	0.431263031	0
RP3-340B19.3	PDLIM3	0.394880531	0
RP3-340B19.3	GPM6A	0.541995847	0
RP3-340B19.3	SDPR	0.391233047	0
RP3-340B19.3	CRYAB	0.469385306	0
RP3-340B19.3	FOXA2	0.376078922	3.39E-16
RP3-340B19.3	C8orf88	0.447096594	0
RP3-340B19.3	ISM1	0.389650712	0
RP3-340B19.3	BMP2	0.296668388	2.78E-10
RP3-340B19.3	ID4	0.436451859	0
RP3-340B19.3	NUPR1	0.52683289	0
RP3-340B19.3	SERTM1	0.458347248	3.45E-24
RP3-340B19.3	IRS1	0.464757019	0
RP3-340B19.3	FIBIN	0.377680084	1.40E-16
RP3-340B19.3	PODN	0.225133114	2.01E-06
RP3-340B19.3	TDRD9	0.476985365	0
RP3-340B19.3	EPHA3	0.301759206	1.34E-10
RP3-340B19.3	AIF1L	0.40725114	0
RP3-340B19.3	EBF4	0.386561215	0
RP3-340B19.3	ADM2	0.489172153	0
RP3-340B19.3	GSTM3	0.497932582	0
RP3-340B19.3	HSD17B6	0.377891137	1.31E-16

RP3-340B19.3	AGR3	0.294783878	2.99E-10
RP3-340B19.3	EPHB1	0.50225209	0
RP3-340B19.3	TMOD1	0.40754687	0
RP3-340B19.3	WASF3	0.531217643	0
RP3-340B19.3	SELV	0.50947275	2.26E-30
RP3-340B19.3	ENPP1	0.611717733	0
RP3-340B19.3	SYNE1	0.469012149	2.15E-25
RP3-340B19.3	PLCH1	0.461614617	0
RP3-340B19.3	CCDC146	0.444128936	0
RP3-340B19.3	SLC16A2	0.447477994	0
RP3-340B19.3	IER2	0.330275136	1.67E-12
RP3-340B19.3	KCNAB1	0.350476431	5.28E-14
RP3-340B19.3	SYNDIG1	0.381511672	2.59E-17
RP3-340B19.3	C16orf89	0.541679125	0
RP3-340B19.3	CTGF	0.154197528	0.00120519
RP3-340B19.3	NR4A3	0.128916336	0.006870022
RP3-340B19.3	KIAA1456	0.549852631	0
RP3-340B19.3	AQP4	0.507659914	0
RP3-340B19.3	RNF150	0.370134774	1.05E-15
RP3-340B19.3	C1S	0.161912475	0.000670784
RP3-340B19.3	PFKFB2	0.576138456	0
RP3-340B19.3	PROX1	0.464636599	0
RP3-340B19.3	TCF7L1	0.392455967	0
RP3-340B19.3	HSPB6	0.219237086	3.74E-06
RP3-340B19.3	FHDC1	0.531191687	0
RP3-340B19.3	PRR15L	0.565260966	0
RP3-340B19.3	SLC1A1	0.592238672	0
RP3-340B19.3	BTBD11	0.434932074	0
RP3-340B19.3	TRIM58	0.501270861	0
RP3-340B19.3	LRIG1	0.494772167	0
RP3-340B19.3	ROR2	0.343218341	1.90E-13
RP3-340B19.3	GPR125	0.44618217	0
RP3-340B19.3	FLRT1	0.424966597	0
RP3-340B19.3	PGF	0.367274486	1.99E-15
RP3-340B19.3	DUSP1	0.220152361	3.40E-06
RP3-340B19.3	PLA2G7	0.279265113	3.07E-09
RP3-340B19.3	PLSCR4	0.443958873	0
RP3-340B19.3	FAM46B	0.458849928	0
RP3-340B19.3	GLDC	0.363820752	4.12E-15
RP3-340B19.3	ZBTB16	0.391274747	0
RP3-340B19.3	OMD	0.21980175	3.33E-06
RP3-340B19.3	HSD11B2	0.399109263	0
RP3-340B19.3	FGL2	0.213561757	6.69E-06
RP3-340B19.3	CLCNKA	0.51897116	1.22E-31
RP3-340B19.3	GATM	0.544049791	0
RP3-340B19.3	TNS3	0.414810066	0
RP3-340B19.3	TOB1	0.299358045	1.89E-10
RP3-340B19.3	MARC2	0.557336951	0
RP3-340B19.3	LRRC2	0.582535594	0
RP3-340B19.3	SORD	0.447461257	0
RP3-340B19.3	RIMS4	0.413323896	0

RP3-340B19.3	SLC29A4	0.383710289	0
RP3-340B19.3	SLC39A14	0.456317284	0
RP3-340B19.3	FAXDC2	0.497219425	0
RP3-340B19.3	HSPB8	0.40686208	0
RP3-340B19.3	CCL19	0.084075825	0.078462352
RP3-340B19.3	KCNIP3	0.470790345	0
RP3-340B19.3	CGNL1	0.504885864	0
RP3-340B19.3	ATF3	0.083631144	0.080063481
RP3-340B19.3	SGCD	0.375134391	3.01E-16
RP3-340B19.3	STARD13	0.382264543	1.42E-17
RP3-340B19.3	LDHD	0.601968841	0
RP3-340B19.3	RCAN1	0.266024759	1.72E-08
RP3-340B19.3	ID3	0.352076354	3.95E-14
RP3-340B19.3	SYTL3	0.540303305	0
RP3-340B19.3	MT1E	0.439636103	0
RP3-340B19.3	CAMK1D	0.407777214	0
RP3-340B19.3	PRKCQ	0.523097468	0
RP3-340B19.3	NUAK2	0.397213468	0
RP3-340B19.3	LIPG	0.462802503	0
RP3-340B19.3	SLC25A25	0.354101646	2.72E-14
RP3-340B19.3	PRKX	0.317470221	1.27E-11
RP3-340B19.3	SRPX	0.141229926	0.003044879
RP3-340B19.3	FAM189A1	0.377570443	1.45E-16
RP3-340B19.3	PLEKHH1	0.471719804	0
RP3-340B19.3	WNT11	0.31535855	1.76E-11
RP3-340B19.3	SNAI1	0.231102046	1.06E-06
RP3-340B19.3	FDCSP	0.102956026	0.031024978
RP3-340B19.3	MT1X	0.410764304	0
RP3-340B19.3	ACACB	0.515420249	0
RP3-340B19.3	ARC	0.142239523	0.002840252
RP3-340B19.3	KLK4	0.400525936	2.41E-18
RP3-340B19.3	ZFPM2	0.256784637	5.42E-08
RP3-340B19.3	AKAP12	0.273098744	6.93E-09
RP3-340B19.3	GJB6	0.352318236	2.83E-14
RP3-340B19.3	ERO1LB	0.426745802	0
RP3-340B19.3	DNALI1	0.38598791	0
RP3-340B19.3	HKDC1	0.423983666	0
RP3-340B19.3	ZFP36L2	0.385725795	0
RP3-340B19.3	CAPSL	0.432774347	1.83E-21
RP3-340B19.3	CYP7B1	0.417192362	0
RP3-340B19.3	CPQ	0.433415268	0
RP3-340B19.3	RPS6KA6	0.401266549	2.06E-18
RP3-340B19.3	TLE1	0.37864486	1.00E-16
RP3-340B19.3	TP53INP2	0.403898677	0
RP3-340B19.3	KATNAL2	0.518593855	0
RP3-340B19.3	SGPP2	0.373728217	4.39E-16
RP3-340B19.3	CTH	0.527939504	0
RP3-340B19.3	KIF12	0.334663009	8.11E-13
RP3-340B19.3	TMEM220	0.576460852	0
RP3-340B19.3	CENPJ	0.446682997	0
RP3-340B19.3	FAM155B	0.26916943	1.15E-08

RP3-340B19.3	WFS1	0.486522778	0
RP3-340B19.3	SELENBP1	0.502824545	0
RP3-340B19.3	SNTA1	0.620917289	0
RP3-340B19.3	FRAS1	0.319308005	9.55E-12
RP3-340B19.3	FBLN7	0.570893035	0
RP3-340B19.3	AGPAT9	0.46723775	0
RP3-340B19.3	GPR83	0.395083074	0
RP3-340B19.3	PRTG	0.432952595	0
RP3-340B19.3	EGR3	0.078898181	0.098734675
RP3-340B19.3	GRAMD2	0.414586531	0
RP3-340B19.3	HYOU1	0.399091817	0
RP3-340B19.3	FBLN5	0.235566228	6.45E-07
RP3-340B19.3	ITM2A	0.332341135	1.19E-12
RP3-340B19.3	SRF	0.2628208	2.57E-08
RP3-340B19.3	FGFR2	0.308412786	5.02E-11
RP3-340B19.3	MT1A	0.252670022	8.04E-08
RP3-340B19.3	MAMDC2	0.309102114	4.53E-11
RP3-340B19.3	FHL2	0.269644301	1.08E-08
RP3-340B19.3	FTCDNL1	0.588045967	0
RP3-340B19.3	PKIA	0.285680832	1.29E-09
RP3-340B19.3	DNAJB4	0.302217907	1.25E-10
RP3-340B19.3	SLC25A33	0.442911406	0
RP3-340B19.3	EYA2	0.447042412	0
RP3-340B19.3	LPAR1	0.250990307	1.09E-07
RP3-340B19.3	STX11	0.478123325	0
RP3-340B19.3	ARHGEF28	0.539581779	0
RP3-340B19.3	OR2W3	0.514280162	0
RP3-340B19.3	ALDH1B1	0.41757399	5.94E-20
RP3-340B19.3	CXCL12	0.181847117	0.000130704
RP3-340B19.3	OLFM2	0.272033973	7.96E-09
RP3-340B19.3	TUB	0.388624095	0
RP3-340B19.3	HTRA3	0.174071038	0.000252632
RP3-340B19.3	CKB	0.406383806	0
RP3-340B19.3	RGS2	0.105769367	0.026730837
RP3-340B19.3	SHANK2	0.434335649	0
RP3-340B19.3	CNTFR	0.390351009	1.98E-17
RP3-340B19.3	CYTH3	0.445036977	0
RP3-340B19.3	PLAC9	0.213114687	7.00E-06
RP3-340B19.3	WWOX	0.496401876	0
RP3-340B19.3	NPR3	0.304094838	9.51E-11
RP3-340B19.3	SDC2	0.326110088	3.27E-12
RP3-340B19.3	KLF15	0.44754409	0
RP3-340B19.3	TMEM164	0.466249004	0
RP3-340B19.3	LONRF3	0.344432609	1.54E-13
RP3-340B19.3	GBP1	0.230689584	1.11E-06
RP3-340B19.3	ARHGAP6	0.480860923	0
RP3-340B19.3	TMEM119	0.121294434	0.011011548
RP3-340B19.3	SH3RF1	0.4185757	0
RP3-340B19.3	CRELD2	0.394434311	0
RP3-340B19.3	PCP4	0.227358255	1.59E-06
RP3-340B19.3	GCSH	0.548590423	0

RP3-340B19.3	IMPA2	0.407922029	0
RP3-340B19.3	C1R	0.132831892	0.005340721
RP3-340B19.3	SUCNR1	0.263713949	2.30E-08
RP3-340B19.3	SFRP1	0.319675079	9.02E-12
RP3-340B19.3	UGT8	0.471477971	0
RP3-340B19.3	TLE4	0.142770703	0.002737695
RP3-340B19.3	ANTXR1	0.247507071	1.64E-07
RP3-340B19.3	GPX3	0.452069546	0
RP3-340B19.3	DPY19L2	0.472197653	0
RP3-340B19.3	FAM46C	0.424708879	0
RP3-340B19.3	IL33	0.242429877	2.72E-07
RP3-340B19.3	PEG3	0.396312944	0
RP3-340B19.3	FAHD2A	0.542691558	0
RP3-340B19.3	PTGDS	0.050971868	0.286469909
RP3-340B19.3	CHCHD10	0.479728495	0
RP3-340B19.3	CD36	0.337004882	5.49E-13
RP3-340B19.3	ANKRD37	0.334069704	8.95E-13
RP3-340B19.3	TSPAN33	0.430689726	0
RP3-340B19.3	PRDM16	0.401558223	0
RP3-340B19.3	UST	0.467318597	0
RP3-340B19.3	NEXN	0.397745924	0
RP3-340B19.3	NUPR1L	0.270438259	8.52E-09
RP3-340B19.3	SLC24A3	0.443405992	0
RP3-340B19.3	MARC1	0.373081866	5.18E-16
RP3-340B19.3	MYH11	0.221418116	2.98E-06
RP3-340B19.3	APOA1	0.42777903	5.85E-21
RP3-340B19.3	TMEM178B	0.294094469	4.01E-10
RP3-340B19.3	CAPNG	0.222212136	2.58E-06
RP3-340B19.3	PPM1L	0.403926477	0
RP3-340B19.3	FZD8	0.440917317	0
RP3-340B19.3	RCAN2	0.391842521	0
RP3-340B19.3	COPZ2	0.512764065	0
RP3-340B19.3	GAS1	0.242999912	2.78E-07
RP3-340B19.3	DACT1	0.308063299	5.29E-11
RP3-340B19.3	WBSCR17	0.398107609	0
RP3-340B19.3	NCS1	0.337037221	5.46E-13
RP3-340B19.3	SPIRE2	0.414804251	0
RP3-340B19.3	C15orf52	0.502549097	0
RP3-340B19.3	SPAG5	0.471015015	0
RP3-340B19.3	ARL4D	0.398879345	0
RP3-340B19.3	FAM189A2	0.390840016	0
RP3-340B19.3	MAP1LC3A	0.4304808	0
RP3-340B19.3	KLF6	0.089941762	0.059729251
RP3-340B19.3	ADD3	0.339530434	3.58E-13
RP3-340B19.3	TSPAN7	0.308685822	4.82E-11
RP3-340B19.3	KLF9	0.254051578	7.55E-08
RP3-340B19.3	KCNQ1	0.546547684	0
RP3-340B19.3	MAN1A1	0.135457439	0.004494698
RP3-340B19.3	MLF1	0.290848101	6.33E-10
RP3-340B19.3	RARB	0.38648051	0
RP3-340B19.3	CDC42EP2	0.480614552	0

RP3-340B19.3	FAM3B	0.346538607	1.07E-13
RP3-340B19.3	GADD45B	0.201662331	2.15E-05
RP3-340B19.3	TMEM47	0.308134359	5.23E-11
RP3-340B19.3	SDF2L1	0.314765813	1.92E-11
RP3-340B19.3	CCDC85A	0.271032461	9.06E-09
RP3-340B19.3	CRYBG3	0.271098841	8.98E-09
RP3-340B19.3	FBLN2	0.141011214	0.003090938
RP3-340B19.3	PEBP4	0.484212109	0
RP3-340B19.3	CDADC1	0.454258376	0
RP3-340B19.3	FAM63A	0.542719358	0
RP3-340B19.3	GLUL	0.375620325	2.63E-16
RP3-340B19.3	FREM2	0.53041286	0
RP3-340B19.3	ACKR3	0.285661259	1.30E-09
RP3-340B19.3	DENND6A	0.380082663	5.62E-17
RP3-340B19.3	CLDN8	0.299096214	1.97E-10
RP3-340B19.3	UTS2R	0.162939904	0.000609914
RP3-340B19.3	SCNN1B	0.321994826	6.27E-12
RP3-340B19.3	TTC30A	0.486325482	0
RP3-340B19.3	CORO2B	0.394544944	0
RP3-340B19.3	TC2N	0.346106287	1.15E-13
RP3-340B19.3	ALDH2	0.482039448	0
RP3-340B19.3	GPR183	0.085907914	0.072161006
RP3-340B19.3	C4orf47	0.412712295	0
RP3-340B19.3	SLC25A42	0.408992049	0
RP3-340B19.3	LGMN	0.527801354	0
RP3-340B19.3	ACSF2	0.5167382	0
RP3-340B19.3	KIAA1467	0.49954059	0
RP3-340B19.3	PRKG1	0.332972594	1.07E-12
RP3-340B19.3	GNAI1	0.407645872	0
RP3-340B19.3	ABCC4	0.319039224	9.96E-12
RP3-340B19.3	PRPS1	0.542877507	0
RP3-340B19.3	TSPAN5	0.437039207	0
RP3-340B19.3	CR2	0.19383224	4.34E-05
RP3-340B19.3	CCDC170	0.438076462	0
RP3-340B19.3	RRAD	0.056518976	0.237193752
RP3-340B19.3	SCGB2A1	0.487022754	0
RP3-340B19.3	SESN3	0.18807093	7.56E-05
RP3-340B19.3	SGK223	0.289629578	7.50E-10
RP3-340B19.3	NDRG2	0.466940318	0
RP3-340B19.3	C3orf52	0.266875215	1.54E-08
RP3-340B19.3	FLRT3	-0.260414108	3.47E-08
RP3-340B19.3	MST1R	-0.375135809	3.01E-16
RP3-340B19.3	SDC1	-0.208387681	1.12E-05
RP3-340B19.3	ST8SIA4	-0.374758097	3.34E-16
RP3-340B19.3	UBTD1	-0.371846606	7.02E-16
RP3-340B19.3	EPHA2	-0.389912969	0
RP3-340B19.3	TMEM130	-0.467020314	0
RP3-340B19.3	SPINK2	-0.195860058	3.72E-05
RP3-340B19.3	MMP16	-0.408485974	0
RP3-340B19.3	SIGLEC15	-0.450323956	0
RP3-340B19.3	RIN1	-0.511963253	0

RP3-340B19.3	IL1RN	-0.248064774	1.54E-07
RP3-340B19.3	FCER1G	-0.233012309	8.56E-07
RP3-340B19.3	CD276	-0.547638695	0
RP3-340B19.3	CTSB	-0.147194745	0.002005962
RP3-340B19.3	FAM171A2	-0.341803658	2.43E-13
RP3-340B19.3	ASPHD1	-0.358686957	1.14E-14
RP3-340B19.3	C15orf48	-0.111815317	0.019147098
RP3-340B19.3	DYSF	-0.330401513	1.63E-12
RP3-340B19.3	PDZRN4	-0.298686304	2.09E-10
RP3-340B19.3	EFHD2	-0.293767393	4.20E-10
RP3-340B19.3	ASF1B	-0.234509541	7.26E-07
RP3-340B19.3	AQP1	-0.261349665	3.09E-08
RP3-340B19.3	ARRDC2	-0.455118051	0
RP3-340B19.3	PRSS1	-0.304222294	7.47E-11
RP3-340B19.3	MAPK13	-0.300515294	1.60E-10
RP3-340B19.3	CST5	-0.431551225	2.43E-21
RP3-340B19.3	AHR	-0.489109603	0
RP3-340B19.3	BAX	-0.344064542	1.64E-13
RP3-340B19.3	C1orf115	-0.284931365	1.43E-09
RP3-340B19.3	PLK3	-0.415339969	0
RP3-340B19.3	JAG2	-0.379028245	8.70E-17
RP3-340B19.3	RAD23B	-0.397348497	0
RP3-340B19.3	CA12	-0.002185001	0.963575095
RP3-340B19.3	ADTRP	-0.380381939	4.89E-17
RP3-340B19.3	UCP2	-0.36619468	2.51E-15
RP3-340B19.3	IGFBP2	-0.426325823	0
RP3-340B19.3	LOXL2	-0.41637382	0
RP3-340B19.3	GPX1	-0.288731324	8.49E-10
RP3-340B19.3	P3H3	-0.424961491	0
RP3-340B19.3	C2orf81	-0.456195304	0
RP3-340B19.3	CDT1	-0.277413572	3.93E-09
RP3-340B19.3	SNX25	-0.355046423	2.28E-14
RP3-340B19.3	MTHFD1L	-0.430127341	0
RP3-340B19.3	CDC42BPG	-0.404931053	9.43E-19
RP3-340B19.3	MSN	-0.409356428	0
RP3-340B19.3	SIGLEC6	-0.36282282	4.18E-15
RP3-340B19.3	F2R	-0.330421086	1.63E-12
RP3-340B19.3	TMEM184A	-0.453334307	0
RP3-340B19.3	CKS2	-0.202822843	1.93E-05
RP3-340B19.3	TAX1BP3	-0.474022104	0
RP3-340B19.3	PMEPA1	-0.503275445	0
RP3-340B19.3	CXCL16	-0.354351705	2.60E-14
RP3-340B19.3	FAXC	-0.505543988	0
RP3-340B19.3	VTCN1	-0.384875946	5.99E-17
RP3-340B19.3	SH2D4A	-0.434309977	0
RP3-340B19.3	RNF24	-0.463032988	0
RP3-340B19.3	LY6G6C	-0.346740706	7.57E-14
RP3-340B19.3	NID1	-0.399814477	0
RP3-340B19.3	STAC	-0.441542819	0
RP3-340B19.3	RAB34	-0.471131747	0
RP3-340B19.3	HES4	-0.374390171	3.69E-16

RP3-340B19.3	EPHA10	-0.392100665	0
RP3-340B19.3	ENTPD2	-0.483566041	0
RP3-340B19.3	DDB2	-0.366346871	2.43E-15
RP3-340B19.3	NKAIN4	-0.418244368	0
RP3-340B19.3	TRIM29	-0.482880542	0
RP3-340B19.3	ADCY8	-0.370551341	9.80E-16
RP3-340B19.3	SFTA2	-0.087517198	0.066969019
RP3-340B19.3	NRIP1	-0.506431888	0
RP3-340B19.3	VWA1	-0.319522037	9.24E-12
RP3-340B19.3	APLNR	-0.262589606	2.65E-08
RP3-340B19.3	REN	-0.373585652	5.48E-16
RP3-340B19.3	EDIL3	-0.355616892	2.05E-14
RP3-340B19.3	AGRN	-0.422123188	0
RP3-340B19.3	TREM1	-0.315930154	1.61E-11
RP3-340B19.3	SRL	-0.193417197	4.66E-05
RP3-340B19.3	RASGRF1	-0.513272551	0
RP3-340B19.3	RMI2	-0.395287887	0
RP3-340B19.3	SAMD1	-0.46665097	0
RP3-340B19.3	MGAT4B	-0.457260501	0
RP3-340B19.3	NXN	-0.497676282	0
RP3-340B19.3	SH3BGRL3	-0.352721571	3.51E-14
RP3-340B19.3	CA11	-0.320593617	7.81E-12
RP3-340B19.3	PLD3	-0.336345198	6.13E-13
RP3-340B19.3	LURAP1L	-0.25914041	4.06E-08
RP3-340B19.3	CARNS1	-0.283959213	1.63E-09
RP3-340B19.3	PDLIM7	-0.492796659	0
RP3-340B19.3	BCL2L1	-0.426298874	0
RP3-340B19.3	GGT6	-0.317839565	1.20E-11
RP3-340B19.3	DPYSL3	-0.308095496	5.26E-11
RP3-340B19.3	FYN	-0.549506832	0
RP3-340B19.3	TK1	-0.207164052	1.26E-05
RP3-340B19.3	AK1	-0.235036041	6.84E-07
RP3-340B19.3	HIGD1B	-0.232606513	8.96E-07
RP3-340B19.3	TMEM59L	-0.442630852	0
RP3-340B19.3	MEGF9	-0.270033218	1.03E-08
RP3-340B19.3	ZFP36L1	-0.404832391	0
RP3-340B19.3	ADRA1B	-0.302402012	1.22E-10
RP3-340B19.3	EPHA4	-0.369692525	1.16E-15
RP3-340B19.3	TCERG1L	-0.239544334	4.12E-07
RP3-340B19.3	NGFR	-0.316767276	1.42E-11
RP3-340B19.3	EBI3	-0.305931061	7.26E-11
RP3-340B19.3	S100A10	-0.376878704	1.81E-16
RP3-340B19.3	S100B	-0.280917658	2.46E-09
RP3-340B19.3	CD44	-0.38140345	2.78E-17
RP3-340B19.3	BHLHE41	-0.374805187	3.30E-16
RP3-340B19.3	FBXO2	-0.339980625	3.32E-13
RP3-340B19.3	SLC30A2	-0.092740634	0.052189584
RP3-340B19.3	FRMD5	-0.268887883	1.19E-08
RP3-340B19.3	SAMD11	-0.425581603	0
RP3-340B19.3	SIPAIL2	-0.526197744	0
RP3-340B19.3	S100A16	-0.385812599	0

RP3-340B19.3	PPL	-0.356998811	1.58E-14
RP3-340B19.3	ARHGD1B	-0.271699521	8.31E-09
RP3-340B19.3	CDC42EP3	-0.361404131	6.71E-15
RP3-340B19.3	RUNX2	-0.522381474	0
RP3-340B19.3	LAMC2	-0.366733377	2.24E-15
RP3-340B19.3	BRINP1	-0.475789536	0
RP3-340B19.3	GPRC5B	-0.33058661	1.59E-12
RP3-340B19.3	AQP5	-0.283756103	1.68E-09
RP3-340B19.3	PLAG1	-0.486592987	0
RP3-340B19.3	PTPRU	-0.472733655	0
RP3-340B19.3	ANGPTL4	-0.312305364	2.80E-11
RP3-340B19.3	PALM3	-0.264857723	1.99E-08
RP3-340B19.3	ACP5	-0.245116264	2.17E-07
RP3-340B19.3	DLG4	-0.439589155	0
RP3-340B19.3	ETNK2	-0.397861096	0
RP3-340B19.3	CD109	-0.527134862	0
RP3-340B19.3	SNX22	-0.29377718	4.20E-10
RP3-340B19.3	TMEM98	-0.391464241	0
RP3-340B19.3	CTHRC1	-0.369057521	1.34E-15
RP3-340B19.3	S100A2	-0.301154271	1.46E-10
RP3-340B19.3	C11orf80	-0.467626951	0
RP3-340B19.3	SREBF1	-0.364562702	3.54E-15
RP3-340B19.3	PRSS22	-0.464843823	0
RP3-340B19.3	CMTM3	-0.499544135	0
RP3-340B19.3	RDH5	-0.334932358	7.76E-13
RP3-340B19.3	MYH10	-0.385288085	0
RP3-340B19.3	EVPL	-0.439522775	0
RP3-340B19.3	SCD	-0.417061021	0
RP3-340B19.3	CD151	-0.492270869	0
RP3-340B19.3	S100A4	-0.425566285	0
RP3-340B19.3	BNIP1	-0.331781446	1.30E-12
RP3-340B19.3	MAP3K6	-0.381790807	2.13E-17
RP3-340B19.3	MANEAL	-0.244326515	2.38E-07
RP3-340B19.3	CD207	-0.308207341	4.09E-11
RP3-340B19.3	CD1A	-0.323031927	4.04E-12
RP3-340B19.3	C3	-0.397225666	0
RP3-340B19.3	NT5E	-0.393106148	0
RP3-340B19.3	CACNG4	-0.479218931	1.38E-26
RP3-340B19.3	FHOD1	-0.401061651	0
RP3-340B19.3	LEMD1	-0.459128921	0
RP3-340B19.3	ATP11A	-0.302980424	1.12E-10
RP3-340B19.3	PPAP2C	-0.383070036	4.16E-18
RP3-340B19.3	DRAM1	-0.463665298	0
RP3-340B19.3	CDA	-0.325715214	3.48E-12
RP3-340B19.3	CCND2	-0.327837381	2.48E-12
RP3-340B19.3	LCN6	-0.298000533	1.87E-10
RP3-340B19.3	CDH4	-0.368504923	1.52E-15
RP3-340B19.3	MMP11	-0.428957469	0
RP3-340B19.3	B3GAT1	-0.313136955	2.47E-11
RP3-340B19.3	SPP1	-0.173829205	0.000257751
RP3-340B19.3	HLA-DQB1	-0.185357869	9.62E-05

RP3-340B19.3	SDC3	-0.560531265	0
RP3-340B19.3	CX3CL1	-0.278520469	3.39E-09
RP3-340B19.3	SDK1	-0.540283873	0
RP3-340B19.3	DOCK9	-0.42796702	0
RP3-340B19.3	CSF2	-0.443159645	1.53E-22
RP3-340B19.3	GRHL3	-0.46034092	0
RP3-340B19.3	TMEM92	-0.442359552	1.85E-22
RP3-340B19.3	BASP1	-0.452661999	0
RP3-340B19.3	HRH1	-0.481292959	0
RP3-340B19.3	ESM1	-0.218950434	3.85E-06
RP3-340B19.3	B4GALNT3	-0.374212591	3.86E-16
RP3-340B19.3	LMO3	-0.203190626	1.86E-05
RP3-340B19.3	C9orf16	-0.352240317	3.83E-14
RP3-340B19.3	SEMA3F	-0.523129807	0
RP3-340B19.3	PLA2G12B	-0.245056886	2.00E-07
RP3-340B19.3	KLK6	-0.473810186	5.98E-26
RP3-340B19.3	ST3GAL5	-0.460503465	0
RP3-340B19.3	FAM132B	-0.140132674	0.003282405
RP3-340B19.3	CDKN1A	-0.20308666	1.88E-05
RP3-340B19.3	E2F1	-0.251946431	9.72E-08
RP3-340B19.3	B3GNT8	-0.453103538	0
RP3-340B19.3	MTMR11	-0.477269181	0
RP3-340B19.3	MYO1G	-0.355576752	2.07E-14
RP3-340B19.3	TMSB10	-0.424916813	0
RP3-340B19.3	UNC5CL	-0.386737661	0
RP3-340B19.3	ABR	-0.376849769	1.83E-16
RP3-340B19.3	PLP2	-0.456850733	0
RP3-340B19.3	SRCIN1	-0.295816797	3.14E-10
RP3-340B19.3	PDE9A	-0.368204087	1.63E-15
RP3-340B19.3	TREM2	-0.23992233	3.95E-07
RP3-340B19.3	KDEL3	-0.279720552	2.89E-09
RP3-340B19.3	PC	-0.397656992	0
RP3-340B19.3	C2CD4A	-0.334422737	8.44E-13
RP3-340B19.3	PELI1	-0.486444625	0
RP3-340B19.3	SSX1	-0.401729278	0
RP3-340B19.3	MROH6	-0.436796665	0
RP3-340B19.3	ESPN	-0.516876066	0
RP3-340B19.3	BMP1	-0.473374759	0
RP3-340B19.3	TM4SF4	-0.40424377	1.09E-18
RP3-340B19.3	CORO2A	-0.535330637	0
RP3-340B19.3	CD164L2	-0.292399739	4.21E-10
RP3-340B19.3	CTSS	-0.215302241	5.61E-06
RP3-340B19.3	CLU	-0.488705935	0
RP3-340B19.3	TMSB4X	-0.428236652	0
RP3-340B19.3	WNT10A	-0.46528162	5.75E-25
RP3-340B19.3	NAPSA	-0.328617343	2.18E-12
RP3-340B19.3	PLEKHA4	-0.380204926	5.31E-17
RP3-340B19.3	SFTPA1	-0.177819874	0.00018039
RP3-340B19.3	C1orf116	-0.347101984	9.65E-14
RP3-340B19.3	TM4SF1	-0.344280418	1.58E-13
RP3-340B19.3	SEL1L3	-0.444570616	0

RP3-340B19.3	VASN	-0.408406403	0
RP3-340B19.3	NPTXR	-0.409499258	0
RP3-340B19.3	PDE4C	-0.353947186	2.80E-14
RP3-340B19.3	CDC42EP1	-0.517125699	0
RP3-340B19.3	ENDOD1	-0.468531589	0
RP3-340B19.3	RYR1	-0.442325335	0
RP3-340B19.3	IL1RAP	-0.486661778	0
RP3-340B19.3	SLC35F2	-0.468295234	2.60E-25
RP3-340B19.3	ISYNA1	-0.504693533	0
RP3-340B19.3	HLA-G	-0.278002621	3.64E-09
RP3-340B19.3	CDKN2B	-0.44012303	0
RP3-340B19.3	ALDH1A3	-0.369114681	1.33E-15
RP3-340B19.3	CLIP3	-0.519418212	0
RP3-340B19.3	ULBP2	-0.308949356	4.63E-11
RP3-340B19.3	ETHE1	-0.376677862	1.93E-16
RP3-340B19.3	XPR1	-0.495398662	0
RP3-340B19.3	SPTBN2	-0.45202742	0
RP3-340B19.3	IVL	-0.412900425	1.67E-19
RP3-340B19.3	MARCO	-0.261118045	3.18E-08
RP3-340B19.3	PLXND1	-0.505607531	0
RP3-340B19.3	EMILIN2	-0.397917689	0
RP3-340B19.3	PLAUR	-0.396477333	0
RP3-340B19.3	CDC42EP5	-0.512032895	0
RP3-340B19.3	TRPC5	-0.356809876	1.26E-14
RP3-340B19.3	TMEM100	-0.398715239	0
RP3-340B19.3	QSOX1	-0.53000678	0
RP3-340B19.3	ARHGAP23	-0.579743388	0
RP3-340B19.3	MDF1	-0.503144955	0
RP3-340B19.3	FSTL3	-0.468188343	0
RP3-340B19.3	INF2	-0.477318541	0
RP3-340B19.3	TGFBR1	-0.466597072	0
RP3-340B19.3	TGFBI	-0.3733254	4.87E-16
RP3-340B19.3	ERBB3	-0.422468987	0
RP3-340B19.3	CCL18	-0.277362652	3.96E-09
RP3-340B19.3	CCL17	-0.275634093	4.28E-09
RP3-340B19.3	C16orf45	-0.465210614	0
RP3-340B19.3	PRDM1	-0.37530956	2.87E-16
RP3-340B19.3	TRIM47	-0.423065129	0
RP3-340B19.3	CNFN	-0.261947083	2.87E-08
RP3-340B19.3	ARMCX3	-0.302961417	1.12E-10
RP3-340B19.3	RAMP1	-0.389306331	0
RP3-340B19.3	GABRD	-0.2972268	2.57E-10
RP3-340B19.3	COL13A1	-0.242610711	2.91E-07
RP3-340B19.3	S100A5	-0.287019917	1.08E-09
RP3-340B19.3	MISP	-0.417632767	0
RP3-340B19.3	HES6	-0.239895948	3.96E-07
RP3-340B19.3	PSD3	-0.416164611	0
RP3-340B19.3	DOK7	-0.503584082	0
RP3-340B19.3	ZMAT3	-0.468060689	0
RP3-340B19.3	MFAP2	-0.499034515	0
RP3-340B19.3	TMEM79	-0.459363804	0

RP3-340B19.3	SLC1A5	-0.37310612	5.14E-16
RP3-340B19.3	BBC3	-0.445859632	0
RP3-340B19.3	HLA-DQB2	-0.256814281	5.40E-08
RP3-340B19.3	C1QL1	-0.423826085	0
RP3-340B19.3	TMEM215	-0.218642632	3.76E-06
RP3-340B19.3	PNP	-0.343249262	1.89E-13
RP3-340B19.3	ARNTL	-0.416338645	0
RP3-340B19.3	CLDN2	-0.227968801	1.39E-06
RP3-340B19.3	MVP	-0.443500313	0
RP3-340B19.3	LGALS1	-0.423824241	0
RP3-340B19.3	BIRC7	-0.442185655	1.93E-22
RP3-340B19.3	COL8A1	-0.365296851	3.04E-15
RP3-340B19.3	PERP	-0.446028418	0
RP3-340B19.3	GJA4	-0.359133177	1.05E-14
RP3-340B19.3	IGFL2	-0.442895712	1.63E-22
RP3-340B19.3	DAPK2	-0.304013707	9.62E-11
RP3-340B19.3	MAMLD1	-0.450476431	0
RP3-340B19.3	ETV5	-0.38990843	0
RP3-340B19.3	RUNX1	-0.579142566	0
RP3-340B19.3	LONRF2	-0.281758185	2.20E-09
RP3-340B19.3	SPOCK1	-0.41599086	0
RP3-340B19.3	XKRX	-0.408899003	0
RP3-340B19.3	TGFB1	-0.45586298	0
RP3-340B19.3	ERP27	-0.171970146	0.000300469
RP3-340B19.3	TNFRSF10C	-0.320265689	8.22E-12
RP3-340B19.3	PALM	-0.547028228	0
RP3-340B19.3	TSC22D1	-0.4754053	0
RP3-340B19.3	TGM2	-0.383189321	2.88E-18
RP3-340B19.3	UBE2QL1	-0.278458202	3.42E-09
RP3-340B19.3	ECE1	-0.55467325	0
RP3-340B19.3	COL8A2	-0.46785616	0
RP3-340B19.3	HIST3H2A	-0.319005325	1.00E-11
RP3-340B19.3	TNFRSF21	-0.463949824	0
RP3-340B19.3	SOX4	-0.608512781	0
RP3-340B19.3	ELF3	-0.467584684	0
RP3-340B19.3	TPD52L1	-0.331192255	1.44E-12
RP3-340B19.3	INHBB	-0.418976106	0
RP3-340B19.3	HPN	-0.323290508	5.11E-12
RP3-340B19.3	MMP7	-0.357548857	1.10E-14
RP3-340B19.3	RAB27A	-0.42861635	0
RP3-340B19.3	IGF2BP2	-0.524958938	0
RP3-340B19.3	ITGB4	-0.521233444	0
RP3-340B19.3	PPP1R1B	-0.52890584	0
RP3-340B19.3	NPDC1	-0.420154631	0
RP3-340B19.3	CCL13	-0.355920124	1.48E-14
RP3-340B19.3	SPINT1	-0.405122874	0
RP3-340B19.3	HEY2	-0.387398764	0
RP3-340B19.3	CST2	-0.360223596	6.75E-15
RP3-340B19.3	ADM	-0.205398038	1.50E-05
RP3-340B19.3	VSTM2L	-0.314915735	1.88E-11
RP3-340B19.3	FAM84A	-0.501879626	0

RP3-340B19.3	P4HA2	-0.313418785	2.36E-11
RP3-340B19.3	LPL	-0.46654133	0
RP3-340B19.3	TMEM173	-0.453413878	0
RP3-340B19.3	DHRS3	-0.395209876	0
RP3-340B19.3	SCN1B	-0.411067835	0
RP3-340B19.3	GLT1D1	-0.333285487	1.02E-12
RP3-340B19.3	PHYHIP	-0.45258257	0
RP3-340B19.3	BHLHE40	-0.406226083	0
RP3-340B19.3	BID	-0.467706664	0
RP3-340B19.3	POSTN	-0.279745374	2.88E-09
RP3-340B19.3	ITGA3	-0.409066797	0
RP3-340B19.3	RSPO4	-0.360278653	8.38E-15
RP3-340B19.3	ADAMTS9	-0.335569207	6.98E-13
RP3-340B19.3	ABTB2	-0.433407609	0
RP3-340B19.3	KCNQ3	-0.473507377	0
RP3-340B19.3	ANXA1	-0.418375993	0
RP3-340B19.3	S100A11	-0.43526525	0
RP3-340B19.3	CEACAM6	-0.373727964	5.33E-16
RP3-340B19.3	IER5L	-0.488143834	0
RP3-340B19.3	KRT80	-0.364769784	3.39E-15
RP3-340B19.3	CDH6	-0.469512676	0
RP3-340B19.3	UNC5B	-0.502366836	0
RP3-340B19.3	PLEKHN1	-0.492186192	0
RP3-340B19.3	SYTL1	-0.377636965	1.42E-16
RP3-340B19.3	TMEM163	-0.370079883	1.07E-15
RP3-340B19.3	C4orf48	-0.360180786	8.55E-15
RP3-340B19.3	B3GNT7	-0.388856849	0
RP3-340B19.3	BAIAP3	-0.562593861	0
RP3-340B19.3	PHLDA2	-0.345634253	1.25E-13
RP3-340B19.3	GAP43	-0.469820195	1.74E-25
RP3-340B19.3	S100A1	-0.168577544	0.00039593
RP3-340B19.3	PTPRE	-0.467793468	0
RP3-340B19.3	CCND1	-0.460260073	0
RP3-340B19.3	ST6GALNAC5	-0.410239372	3.00E-19
RP3-340B19.3	KRT17	-0.39228562	0
RP3-340B19.3	HPCAL4	-0.414827937	0
RP3-340B19.3	GABBR2	-0.273026407	7.00E-09
RP3-340B19.3	DIRAS3	-0.374748452	3.35E-16
RP3-340B19.3	SERINC2	-0.326494183	3.07E-12
RP3-340B19.3	PTCHD4	-0.408085993	0
RP3-340B19.3	EPS8	-0.445830556	0
RP3-340B19.3	LY6E	-0.463940746	0
RP3-340B19.3	UPP1	-0.422415089	0
RP3-340B19.3	AHNAK2	-0.42584074	0
RP3-340B19.3	PLXNC1	-0.396345424	0
RP3-340B19.3	TNC	-0.390919161	0
RP3-340B19.3	DUSP4	-0.507718493	0
RP3-340B19.3	NRCAM	-0.469525725	0
RP3-340B19.3	NRP2	-0.444400696	0
RP3-340B19.3	CTSC	-0.40081528	0
RP3-340B19.3	AMIGO2	-0.518957951	0

RP3-340B19.3	NAB2	-0.362534005	5.35E-15
RP3-340B19.3	TBC1D2	-0.4357231	0
RP3-340B19.3	PHLDA3	-0.393520029	0
RP3-340B19.3	PTP4A3	-0.378692091	9.87E-17
RP3-340B19.3	CRABP2	-0.261898008	2.89E-08
RP3-340B19.3	GOS2	-0.364245838	3.78E-15
RP3-340B19.3	S100A6	-0.385903659	0
RP3-340B19.3	FOXQ1	-0.32112196	7.19E-12
RP3-340B19.3	LRG1	-0.387378197	0
RP3-340B19.3	LAMP5	-0.399762281	0
RP3-340B19.3	ALDH3B1	-0.463252127	0
RP3-340B19.3	CDH2	-0.351262209	4.58E-14
RP3-340B19.3	SCG5	-0.286932971	1.09E-09
RP3-340B19.3	ZCCHC16	-0.344414106	1.14E-13
RP3-340B19.3	GRB7	-0.579139588	0
RP3-340B19.3	TIAM1	-0.466509984	0
RP3-340B19.3	FXYD5	-0.395811691	0
RP3-340B19.3	CLDN9	-0.397911165	0
RP3-340B19.3	FAM43A	-0.442771838	0
RP3-340B19.3	CHST2	-0.528741734	0
RP3-340B19.3	HMGA2	-0.537995331	0
RP3-340B19.3	GALNT7	-0.428684574	0
RP3-340B19.3	CBLN1	-0.234956754	6.90E-07
RP3-340B19.3	STRA6	-0.512001123	0
RP3-340B19.3	MUC21	-0.351824211	3.09E-14
RP3-340B19.3	PRR36	-0.526545245	0
RP3-340B19.3	NFE2L3	-0.430137979	0
RP3-340B19.3	NR1D1	-0.295286468	3.39E-10
RP3-340B19.3	MUC1	-0.310115824	3.89E-11
RP3-340B19.3	NAT8L	-0.468187066	0
RP3-340B19.3	APOC1	-0.428511533	0
RP3-340B19.3	EVA1A	-0.487958028	0
RP3-340B19.3	ENTPD1	-0.39552745	0
RP3-340B19.3	COL1A1	-0.380250314	5.20E-17
RP3-340B19.3	FNDC4	-0.340911786	2.83E-13
RP3-340B19.3	FRMD3	-0.207879762	1.18E-05
RP3-340B19.3	SHROOM4	-0.482077035	0
RP3-340B19.3	NELL2	-0.483251162	0
RP3-340B19.3	EPHB3	-0.518872139	0
RP3-340B19.3	TMC6	-0.526182851	0
RP3-340B19.3	NOD1	-0.499737318	0
RP3-340B19.3	GGCT	-0.443402446	0
RP3-340B19.3	ICAM1	-0.403277998	0
RP3-340B19.3	PRSS23	-0.418956533	0
RP3-340B19.3	CFI	-0.410315956	0
RP3-340B19.3	CD55	-0.447236162	0
RP3-340B19.3	RASD2	-0.520758573	0
RP3-340B19.3	KLK11	-0.412849065	1.69E-19
RP3-340B19.3	ICAM5	-0.461731065	0
RP3-340B19.3	ADORA1	-0.280033729	2.77E-09
RP3-340B19.3	ITGA2	-0.473247248	0

RP3-340B19.3	ABCC3	-0.422726989	0
RP3-340B19.3	MFGES	-0.380626324	4.33E-17
RP3-340B19.3	STK32A	-0.302620867	1.18E-10
RP3-340B19.3	CYSLTR2	-0.490928664	0
RP3-340B19.3	LAD1	-0.447811453	0
RP3-340B19.3	MGAT3	-0.480724192	0
RP3-340B19.3	IGFBP6	-0.392465895	0
RP3-340B19.3	CYP2S1	-0.469805428	0
RP3-340B19.3	KCNJ2	-0.423257318	0
RP3-340B19.3	FAM20A	-0.428692659	0
RP3-340B19.3	TGFA	-0.389104213	0
RP3-340B19.3	MXRA8	-0.522104608	0
RP3-340B19.3	C8orf4	-0.41672274	0
RP3-340B19.3	CLDN10	-0.498820743	5.37E-29
RP3-340B19.3	PDE5A	-0.45365415	0
RP3-340B19.3	APOE	-0.448622194	0
RP3-340B19.3	SPOCK2	-0.483158401	0
RP3-340B19.3	TENM1	-0.308523135	4.94E-11
RP3-340B19.3	SLIT1	-0.270745099	9.40E-09
RP3-340B19.3	CXCL14	-0.384920585	0
RP3-340B19.3	ECM1	-0.213711963	6.59E-06
RP3-340B19.3	DUSP5	-0.444523243	0
RP3-340B19.3	SEZ6L2	-0.36507984	3.18E-15
RP3-340B19.3	THRSP	-0.082180292	0.085455358
RP3-340B19.3	C19orf33	-0.415969868	0
RP3-340B19.3	MPZL2	-0.466373253	0
RP3-340B19.3	CTSH	-0.408045569	0
RP3-340B19.3	CYP1B1	-0.405833619	0
RP3-340B19.3	ALOX5	-0.286709152	1.12E-09
RP3-340B19.3	SYTL5	-0.515446153	3.65E-31
RP3-340B19.3	TNFRSF12A	-0.393343867	0
RP3-340B19.3	DUSP6	-0.441173617	0
RP3-340B19.3	ALOX15B	-0.290830655	6.34E-10
RP3-340B19.3	SDC4	-0.493892777	0
RP3-340B19.3	MDK	-0.486460795	0
RP3-340B19.3	KRT19	-0.453773577	0
RP3-340B19.3	MET	-0.467062865	0
RP3-340B19.3	TESC	-0.38605202	0
RP3-340B19.3	CXCL17	-0.284715641	1.24E-09
RP3-340B19.3	NPC2	-0.343427693	1.84E-13
RP3-340B19.3	COMP	-0.436128329	0
RP3-340B19.3	TUSC3	-0.52937986	0
RP3-340B19.3	TMPRSS4	-0.480065926	0
RP3-340B19.3	LGALS3	-0.410721894	0
RP3-340B19.3	CRLF1	-0.44880176	0
RP3-340B19.3	CTXN1	-0.533350165	0
RP3-340B19.3	PCSK1N	-0.44742055	0
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RP3-340B19.3	GALE	-0.481074104	0
RP3-340B19.3	PCSK2	-0.154062074	0.001217371
RP3-340B19.3	GJB3	-0.49057166	0

RP3-340B19.3	SLPI	-0.366813657	2.20E-15
RP3-340B19.3	AGR2	-0.382587506	9.87E-18
RP3-340B19.3	MRC2	-0.492123642	0
RP3-340B19.3	GOLT1A	-0.365082251	3.18E-15
RP3-340B19.3	SLC27A6	-0.457209243	4.62E-24
RP3-340B19.3	KCNN4	-0.494243824	0
RP3-340B19.3	ETV4	-0.501920705	2.16E-29
RP3-340B19.3	SYT12	-0.503271899	0
RP3-340B19.3	PVRL4	-0.462290471	0
RP3-340B19.3	PLCD3	-0.468507902	0
RP3-340B19.3	PLAU	-0.362223098	5.70E-15
RP3-340B19.3	LRRK2	-0.345984023	1.18E-13
RP3-340B19.3	SFN	-0.365996817	2.62E-15
RP3-340B19.3	LPAR5	-0.41202637	0
RP3-340B19.3	NGEF	-0.469771529	0
RP3-340B19.3	DTX4	-0.395550002	0
RP3-340B19.3	CST6	-0.371963338	6.83E-16
RP3-340B19.3	QPCT	-0.447129926	0
RP3-340B19.3	TIMP1	-0.451053424	0
RP3-340B19.3	CAMK2N1	-0.563181634	0
RP3-340B19.3	KLHDC8A	-0.263478641	2.37E-08
RP3-340B19.3	PDLIM4	-0.451997209	0
RP3-340B19.3	SCEL	-0.384260617	0
RP3-340B19.3	LCN2	-0.358810355	1.12E-14
RP3-340B19.3	PROS1	-0.370836442	8.94E-16
RP3-340B19.3	GABRB2	-0.426756156	0
RP3-340B19.3	TMPRSS6	-0.437662155	0
RP3-340B19.3	KLK7	-0.328938123	1.55E-12
RP3-340B19.3	PDZK1IP1	-0.330520514	1.60E-12
RP3-340B19.3	CDH3	-0.554808562	0
RP3-340B19.3	LRP4	-0.47604924	0
RP3-340B19.3	IGSF1	-0.321398117	6.89E-12
RP3-340B19.3	B3GNT3	-0.40776147	0
RP3-340B19.3	CLDN1	-0.462096154	0
RP3-340B19.3	GDF15	-0.366167305	2.53E-15
RP3-340B19.3	ARHGAP36	-0.253669129	7.12E-08
RP3-340B19.3	LAMB3	-0.507458789	0
RP3-340B19.3	KLK10	-0.394235455	0
RP3-340B19.3	DPP4	-0.343496058	1.81E-13
RP3-340B19.3	METTL7B	-0.359445076	9.87E-15
RP3-340B19.3	LIPH	-0.431350545	0
RP3-340B19.3	CLDN16	-0.436253996	0
RP3-340B19.3	CHI3L1	-0.265778955	1.77E-08
RP3-340B19.3	SLC22A31	-0.449402032	3.29E-23
RP3-340B19.3	TACSTD2	-0.457143627	0
RP3-340B19.3	SFTPB	-0.322343603	5.94E-12
RP3-340B19.3	RXRG	-0.374859085	3.25E-16
RP3-340B19.3	DCSTAMP	-0.365320778	2.63E-15
RP3-340B19.3	CITED1	-0.211633482	8.12E-06
RP3-340B19.3	SERPINA1	-0.436563627	0
RP3-340B19.3	PRR15	-0.453222965	0

RP3-340B19.3	SLC34A2	-0.35082379	4.96E-14
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MIR22HG	TPO	0.663591543	0
MIR22HG	MT1G	0.583434841	0
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MIR22HG	CDH16	0.588635725	0
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MIR22HG	SLC26A7	0.587448407	0
MIR22HG	MT1H	0.526033855	1.31E-32
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MIR22HG	SLC5A8	0.578839979	1.25E-40
MIR22HG	PKHD1L1	0.638387382	1.26E-51
MIR22HG	TFCP2L1	0.60265051	0
MIR22HG	WSCD2	0.67215009	5.17E-59
MIR22HG	IPCEF1	0.622353674	0
MIR22HG	SLC5A5	0.568508761	6.02E-39
MIR22HG	MT1F	0.600322396	0
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MIR22HG	SEMA3D	0.675922958	6.71E-60
MIR22HG	BMP8A	0.602874897	0
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MIR22HG	CHRD1	0.518678408	1.34E-31
MIR22HG	TNFRSF11B	0.585020297	0
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MIR22HG	SMOC2	0.504298091	0
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MIR22HG	DPP6	0.564793613	0

MIR22HG	MMRN1	0.472287719	0
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MIR22HG	DCN	0.260870823	3.28E-08
MIR22HG	SORBS2	0.659871155	0
MIR22HG	EGR2	0.574519952	0
MIR22HG	EDN3	0.493438845	2.55E-28
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MIR22HG	CPXM1	0.512746761	0
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MIR22HG	DEPTOR	0.589463629	0
MIR22HG	DGKI	0.671800509	0
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MIR22HG	IYD	0.355980279	1.91E-14
MIR22HG	LYVE1	0.536078686	0
MIR22HG	CLCNKB	0.556678259	0
MIR22HG	NCAM1	0.40613942	0
MIR22HG	HBA2	0.428625854	0
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MIR22HG	OGDHL	0.358378603	1.21E-14
MIR22HG	LIFR	0.54538235	0
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MIR22HG	COL9A3	0.54795017	0
MIR22HG	FBLN1	0.280605474	2.57E-09
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MIR22HG	GRIN2C	0.590895191	0
MIR22HG	C11orf74	0.511184709	0
MIR22HG	PPARGC1A	0.535009092	0
MIR22HG	ANGPTL1	0.566101351	0
MIR22HG	SCARA5	0.400718473	2.31E-18
MIR22HG	LTF	0.554314118	0
MIR22HG	CA4	0.624006439	9.44E-49
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MIR22HG	FCGBP	0.592617377	0
MIR22HG	PBX4	0.631960586	0
MIR22HG	CYR61	0.648210725	0
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MIR22HG	KHDRBS2	0.590183594	0
MIR22HG	MUM1L1	0.485953869	0
MIR22HG	RGS16	0.572970523	0
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MIR22HG	TBC1D4	0.564772905	0
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MIR22HG	ABI3BP	0.270916864	9.20E-09
MIR22HG	ADH1B	0.492679062	3.18E-28
MIR22HG	OGN	0.355542081	1.58E-14
MIR22HG	NR4A1	0.697066241	0
MIR22HG	FOXJ1	0.642283013	1.98E-52
MIR22HG	ALDH1A1	0.503733579	0
MIR22HG	OCA2	0.553589774	1.29E-36
MIR22HG	TMEM139	0.408495051	0
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MIR22HG	EGR1	0.589223073	0
MIR22HG	IP6K3	0.423435466	0
MIR22HG	SCUBE3	0.515234868	0
MIR22HG	PKNOX2	0.577168335	0
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MIR22HG	PDLIM3	0.560302766	0
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MIR22HG	FOXA2	0.689395639	3.54E-63
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MIR22HG	EPHB1	0.361830068	6.17E-15
MIR22HG	TMOD1	0.472558345	0
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MIR22HG	ENPP1	0.224106781	2.24E-06
MIR22HG	SYNE1	0.706152991	1.63E-67
MIR22HG	PLCH1	0.608321443	0
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MIR22HG	KCNAB1	0.590100619	0
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MIR22HG	C16orf89	0.503095312	0
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MIR22HG	PFKFB2	0.382816432	7.06E-18
MIR22HG	PROX1	0.573023712	0
MIR22HG	TCF7L1	0.678875061	0
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MIR22HG	PRR15L	0.285524386	1.32E-09
MIR22HG	SLC1A1	0.370012368	1.08E-15
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MIR22HG	PLA2G7	0.47523935	0
MIR22HG	PLSCR4	0.366944857	2.14E-15
MIR22HG	FAM46B	0.506422102	0
MIR22HG	GLDC	0.593927243	0
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MIR22HG	CD1A	-0.362288214	4.62E-15
MIR22HG	C3	-0.25195792	9.71E-08
MIR22HG	NT5E	-0.286668019	1.13E-09
MIR22HG	CACNG4	-0.35514511	1.70E-14
MIR22HG	FHOD1	-0.381602306	2.44E-17
MIR22HG	LEMD1	-0.5098947	0
MIR22HG	ATP11A	-0.102020612	0.032631659
MIR22HG	PPAP2C	-0.329025976	2.04E-12
MIR22HG	DRAM1	-0.345255973	1.34E-13
MIR22HG	CDA	-0.080036566	0.093954105
MIR22HG	CCND2	-0.17448733	0.000244042
MIR22HG	LCN6	-0.149492016	0.001684049
MIR22HG	CDH4	-0.474603636	0

MIR22HG	MMP11	-0.385485381	0
MIR22HG	B3GAT1	-0.315524783	1.71E-11
MIR22HG	SPP1	-0.212578968	7.39E-06
MIR22HG	HLA-DQB1	-0.328837333	2.11E-12
MIR22HG	SDC3	-0.336757518	5.72E-13
MIR22HG	CX3CL1	-0.178689397	0.000171367
MIR22HG	SDK1	-0.214654896	5.99E-06
MIR22HG	DOCK9	-0.392146194	0
MIR22HG	CSF2	-0.406583951	6.62E-19
MIR22HG	GRHL3	-0.391988755	0
MIR22HG	TMEM92	-0.532094133	1.85E-33
MIR22HG	BASP1	-0.413731536	0
MIR22HG	HRH1	-0.365582936	2.86E-15
MIR22HG	ESM1	0.039914387	0.403993883
MIR22HG	B4GALNT3	-0.459261823	0
MIR22HG	LMO3	-0.215049912	5.75E-06
MIR22HG	C9orf16	-0.488763521	0
MIR22HG	SEMA3F	-0.127807879	0.007369012
MIR22HG	PLA2G12B	-0.304398404	7.27E-11
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MIR22HG	ST3GAL5	-0.219021778	3.82E-06
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MIR22HG	CDKN1A	0.027996522	0.55838191
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MIR22HG	MTMR11	-0.45706973	0
MIR22HG	MYO1G	-0.274510733	5.76E-09
MIR22HG	TMSB10	-0.400698264	0
MIR22HG	UNC5CL	-0.527690296	0
MIR22HG	ABR	-0.373978134	4.11E-16
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MIR22HG	SRCIN1	-0.583929853	0
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MIR22HG	MROH6	-0.440789948	0
MIR22HG	ESPN	-0.453208072	0
MIR22HG	BMP1	-0.249089831	1.37E-07
MIR22HG	TM4SF4	-0.295958986	2.52E-10
MIR22HG	CORO2A	-0.466669125	0
MIR22HG	CD164L2	-0.486587189	1.79E-27
MIR22HG	CTSS	-0.345635671	1.25E-13
MIR22HG	CLU	-0.338772598	4.07E-13
MIR22HG	TMSB4X	-0.303819674	9.90E-11
MIR22HG	WNT10A	-0.403104404	1.39E-18
MIR22HG	NAPSA	-0.198523759	2.90E-05
MIR22HG	PLEKHA4	-0.46024674	0

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MIR22HG	NPTXR	-0.618825191	0
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MIR22HG	SLC35F2	-0.584965569	1.17E-41
MIR22HG	ISYNA1	-0.294968186	3.55E-10
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MIR22HG	ETHE1	-0.556802934	0
MIR22HG	XPR1	-0.296364289	2.91E-10
MIR22HG	SPTBN2	-0.599572219	0
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MIR22HG	MARCO	-0.322431542	5.86E-12
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MIR22HG	EMILIN2	-0.316943013	1.38E-11
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MIR22HG	TRPC5	-0.23759628	4.75E-07
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MIR22HG	TGFBR1	-0.480817379	0
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MIR22HG	SLC1A5	-0.364490223	3.59E-15
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MIR22HG	CLDN2	-0.304828289	6.82E-11
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MIR22HG	CCL13	-0.374379028	4.71E-16
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MIR22HG	HEY2	-0.292685034	4.89E-10

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MIR22HG	VSTM2L	-0.275465439	5.08E-09
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MIR22HG	TMEM173	-0.258350236	4.47E-08
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MIR22HG	PLEKHN1	-0.462581379	0
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MIR22HG	PTPRE	-0.458342293	0
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MIR22HG	LGALS3	-0.52949106	0
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MIR22HG	CTXN1	-0.437166718	0
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MIR22HG	GALE	-0.505504415	0
MIR22HG	PCSK2	-0.067850061	0.155785983
MIR22HG	GJB3	-0.511345836	0
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MIR22HG	PDZK1IP1	-0.451502055	0
MIR22HG	CDH3	-0.411790779	0
MIR22HG	LRP4	-0.235818414	6.27E-07
MIR22HG	IGSF1	-0.152323434	0.001384119
MIR22HG	B3GNT3	-0.517460435	0
MIR22HG	CLDN1	-0.311314773	3.25E-11
MIR22HG	GDF15	-0.492468023	0
MIR22HG	ARHGAP36	-0.172102503	0.000291506
MIR22HG	LAMB3	-0.390699739	0
MIR22HG	KLK10	-0.577079261	0
MIR22HG	DPP4	-0.438495307	0
MIR22HG	METTL7B	-0.44201386	0
MIR22HG	LIPH	-0.513165606	0
MIR22HG	CLDN16	-0.334478337	8.36E-13
MIR22HG	CHI3L1	-0.558521007	0
MIR22HG	SLC22A31	-0.381298413	1.22E-16
MIR22HG	TACSTD2	-0.525015673	0
MIR22HG	SFTPB	-0.460236528	0
MIR22HG	RXRG	-0.415977385	0

MIR22HG	DCSTAMP	-0.624749795	6.76E-49
MIR22HG	CITED1	-0.535385244	0
MIR22HG	SERPINA1	-0.590981712	0
MIR22HG	PRR15	-0.314360017	2.05E-11
MIR22HG	SLC34A2	-0.60892808	0
MIR22HG	FN1	-0.570705243	0
MIR22HG	ZCCHC12	-0.182268515	0.000126021
RP11-1100L3.8	TFF3	0.574170689	7.31E-40
RP11-1100L3.8	CCL21	0.436144715	8.23E-22
RP11-1100L3.8	TPO	0.49567035	1.34E-28
RP11-1100L3.8	MT1G	0.404887198	9.52E-19
RP11-1100L3.8	DIO1	0.48486477	2.89E-27
RP11-1100L3.8	DPT	0.385735915	5.04E-17
RP11-1100L3.8	CDH16	0.506307002	5.87E-30
RP11-1100L3.8	CRABP1	0.379401742	1.77E-16
RP11-1100L3.8	SLC26A7	0.454311204	9.63E-24
RP11-1100L3.8	MT1H	0.364136868	3.28E-15
RP11-1100L3.8	SLC26A4	0.435452678	9.70E-22
RP11-1100L3.8	SLC5A8	0.438978568	4.19E-22
RP11-1100L3.8	PKHD1L1	0.505520198	7.43E-30
RP11-1100L3.8	TFCP2L1	0.391240336	1.65E-17
RP11-1100L3.8	WSCD2	0.560695116	1.04E-37
RP11-1100L3.8	IPCEF1	0.460532891	1.97E-24
RP11-1100L3.8	SLC5A5	0.451863599	1.78E-23
RP11-1100L3.8	MT1F	0.45114625	2.13E-23
RP11-1100L3.8	FOSB	0.801796765	9.27E-100
RP11-1100L3.8	SEMA3D	0.544709855	2.77E-35
RP11-1100L3.8	BMP8A	0.508610863	2.94E-30
RP11-1100L3.8	MATN2	0.44219434	1.93E-22
RP11-1100L3.8	PLA2R1	0.500149425	3.64E-29
RP11-1100L3.8	COL23A1	0.395874865	6.37E-18
RP11-1100L3.8	HGD	0.472120135	9.41E-26
RP11-1100L3.8	TCEAL2	0.454359712	9.51E-24
RP11-1100L3.8	CHRDL1	0.425999602	8.81E-21
RP11-1100L3.8	TNFRSF11B	0.421718871	2.34E-20
RP11-1100L3.8	FAM167A	0.462192527	1.28E-24
RP11-1100L3.8	KIT	0.464230018	7.56E-25
RP11-1100L3.8	SLC4A4	0.436586241	7.41E-22
RP11-1100L3.8	SMOC2	0.477634196	2.12E-26
RP11-1100L3.8	FHL1	0.555591299	6.37E-37
RP11-1100L3.8	OTOS	0.411878776	2.10E-19
RP11-1100L3.8	IGFBPL1	0.367816266	1.64E-15
RP11-1100L3.8	HBB	0.461156549	1.68E-24
RP11-1100L3.8	BEX1	0.439664391	3.55E-22
RP11-1100L3.8	FABP4	0.45472827	8.66E-24
RP11-1100L3.8	LMOD1	0.574923277	5.51E-40
RP11-1100L3.8	SOD3	0.475840382	3.46E-26
RP11-1100L3.8	TMEM171	0.418688803	4.63E-20
RP11-1100L3.8	PI16	0.451646368	1.88E-23
RP11-1100L3.8	ZMAT4	0.540460002	1.16E-34
RP11-1100L3.8	MFAP4	0.400801437	2.27E-18

RP11-1100L3.8	CWH43	0.426839491	7.26E-21
RP11-1100L3.8	SPX	0.480079469	1.09E-26
RP11-1100L3.8	APOD	0.359398747	7.86E-15
RP11-1100L3.8	DPP6	0.494689121	1.78E-28
RP11-1100L3.8	MMRN1	0.354157013	2.03E-14
RP11-1100L3.8	WDR72	0.302896641	9.10E-11
RP11-1100L3.8	MPPED2	0.584860529	1.22E-41
RP11-1100L3.8	PAPSS2	0.384128905	6.95E-17
RP11-1100L3.8	DCN	0.277004694	3.56E-09
RP11-1100L3.8	SORBS2	0.510922666	1.46E-30
RP11-1100L3.8	EGR2	0.6347404	6.99E-51
RP11-1100L3.8	EDN3	0.402226085	1.68E-18
RP11-1100L3.8	DIO2	0.363379264	3.77E-15
RP11-1100L3.8	ITPR1	0.548161018	8.49E-36
RP11-1100L3.8	CFD	0.383470497	7.93E-17
RP11-1100L3.8	CPXM1	0.464063785	7.90E-25
RP11-1100L3.8	ELMO1	0.532205898	1.79E-33
RP11-1100L3.8	GPC3	0.530196085	3.43E-33
RP11-1100L3.8	MYOC	0.394159553	9.08E-18
RP11-1100L3.8	DEPTOR	0.508182373	3.34E-30
RP11-1100L3.8	DGKI	0.542179319	6.52E-35
RP11-1100L3.8	CARTPT	0.454110661	1.01E-23
RP11-1100L3.8	IYD	0.229487688	1.18E-06
RP11-1100L3.8	LYVE1	0.441152262	2.48E-22
RP11-1100L3.8	CLCNKB	0.52800837	6.96E-33
RP11-1100L3.8	NCAM1	0.254159977	6.70E-08
RP11-1100L3.8	HBA2	0.497638482	7.59E-29
RP11-1100L3.8	GLT8D2	0.495828073	1.28E-28
RP11-1100L3.8	OGDHL	0.284371858	1.30E-09
RP11-1100L3.8	LIFR	0.42243685	1.99E-20
RP11-1100L3.8	CSGALNACT1	0.362978149	4.06E-15
RP11-1100L3.8	RAP1GAP	0.302923732	9.07E-11
RP11-1100L3.8	COL9A3	0.493898379	2.24E-28
RP11-1100L3.8	FBLN1	0.315423982	1.35E-11
RP11-1100L3.8	EFEMP1	0.509104456	2.53E-30
RP11-1100L3.8	AOX1	0.440478197	2.92E-22
RP11-1100L3.8	GRIN2C	0.476907564	2.59E-26
RP11-1100L3.8	C11orf74	0.501454611	2.48E-29
RP11-1100L3.8	PPARGC1A	0.373749546	5.31E-16
RP11-1100L3.8	ANGPTL1	0.497393813	8.15E-29
RP11-1100L3.8	SCARA5	0.39807047	4.03E-18
RP11-1100L3.8	LTF	0.435881168	8.77E-22
RP11-1100L3.8	CA4	0.517229993	2.10E-31
RP11-1100L3.8	TG	0.384778803	6.10E-17
RP11-1100L3.8	FCGBP	0.53290785	1.42E-33
RP11-1100L3.8	PBX4	0.626383214	3.24E-49
RP11-1100L3.8	CYR61	0.76237554	1.27E-84
RP11-1100L3.8	FOS	0.840055918	3.88E-118
RP11-1100L3.8	KHDRBS2	0.521324719	5.84E-32
RP11-1100L3.8	MUM1L1	0.400645416	2.35E-18
RP11-1100L3.8	RGS16	0.57474598	5.89E-40

RP11-1100L3.8	MT1M	0.440537966	2.88E-22
RP11-1100L3.8	LRP2	0.449275418	3.39E-23
RP11-1100L3.8	MAFB	0.552975112	1.60E-36
RP11-1100L3.8	KCNK2	0.464967146	6.24E-25
RP11-1100L3.8	TBC1D4	0.464388308	7.26E-25
RP11-1100L3.8	MIOX	0.48743048	1.41E-27
RP11-1100L3.8	TPPP	0.465144016	5.96E-25
RP11-1100L3.8	FMOD	0.392578711	1.26E-17
RP11-1100L3.8	CITED2	0.583420173	2.14E-41
RP11-1100L3.8	RGS8	0.526959635	9.74E-33
RP11-1100L3.8	ABI3BP	0.29046504	5.55E-10
RP11-1100L3.8	ADH1B	0.41252226	1.82E-19
RP11-1100L3.8	OGN	0.33819588	3.30E-13
RP11-1100L3.8	NR4A1	0.800585475	3.04E-99
RP11-1100L3.8	FOXJ1	0.589531746	1.94E-42
RP11-1100L3.8	ALDH1A1	0.411290719	2.38E-19
RP11-1100L3.8	OCA2	0.561947986	6.59E-38
RP11-1100L3.8	TMEM139	0.417619068	5.88E-20
RP11-1100L3.8	ARHGAP24	0.43804305	5.24E-22
RP11-1100L3.8	SLC25A15	0.355592972	1.57E-14
RP11-1100L3.8	DES	0.37191291	7.56E-16
RP11-1100L3.8	GDF10	0.442689728	1.71E-22
RP11-1100L3.8	KIAA1324	0.410960664	2.56E-19
RP11-1100L3.8	JUN	0.766104155	6.32E-86
RP11-1100L3.8	C7	0.203732615	1.69E-05
RP11-1100L3.8	LGI3	0.459405853	2.63E-24
RP11-1100L3.8	CDON	0.495814173	1.29E-28
RP11-1100L3.8	BCL2	0.351953573	3.02E-14
RP11-1100L3.8	HLF	0.441380336	2.35E-22
RP11-1100L3.8	EGR1	0.717115447	1.60E-70
RP11-1100L3.8	IP6K3	0.387247762	3.72E-17
RP11-1100L3.8	SCUBE3	0.398523816	3.66E-18
RP11-1100L3.8	PKNOX2	0.537925198	2.71E-34
RP11-1100L3.8	SMAD9	0.369664069	1.16E-15
RP11-1100L3.8	IQGAP2	0.402293705	1.66E-18
RP11-1100L3.8	GNA14	0.561458109	7.87E-38
RP11-1100L3.8	LAYN	0.553887692	1.16E-36
RP11-1100L3.8	AVPR1A	0.49546653	1.42E-28
RP11-1100L3.8	PDLIM3	0.452727167	1.43E-23
RP11-1100L3.8	GPM6A	0.36197224	4.89E-15
RP11-1100L3.8	SDPR	0.485902451	2.16E-27
RP11-1100L3.8	CRYAB	0.199547142	2.54E-05
RP11-1100L3.8	FOXA2	0.636261591	3.43E-51
RP11-1100L3.8	C8orf88	0.412114935	1.99E-19
RP11-1100L3.8	ISM1	0.449288609	3.38E-23
RP11-1100L3.8	BMP2	0.570411437	2.98E-39
RP11-1100L3.8	ID4	0.550271696	4.10E-36
RP11-1100L3.8	NUPR1	0.139019982	0.003515255
RP11-1100L3.8	SERTM1	0.34018593	2.35E-13
RP11-1100L3.8	IRS1	0.407584515	5.33E-19
RP11-1100L3.8	FIBIN	0.203802541	1.68E-05

RP11-1100L3.8	PODN	0.350477473	3.92E-14
RP11-1100L3.8	TDRD9	0.321063711	5.54E-12
RP11-1100L3.8	EPHA3	0.394582445	8.32E-18
RP11-1100L3.8	AIF1L	0.382608127	9.41E-17
RP11-1100L3.8	EBF4	0.538183767	2.49E-34
RP11-1100L3.8	ADM2	0.31389441	1.71E-11
RP11-1100L3.8	GSTM3	0.462450103	1.20E-24
RP11-1100L3.8	HSD17B6	0.368081308	1.56E-15
RP11-1100L3.8	AGR3	0.552409047	1.95E-36
RP11-1100L3.8	EPHB1	0.289491754	6.37E-10
RP11-1100L3.8	TMOD1	0.360540536	6.37E-15
RP11-1100L3.8	WASF3	0.417490989	6.05E-20
RP11-1100L3.8	SELV	0.479066176	1.44E-26
RP11-1100L3.8	ENPP1	0.134361057	0.00480315
RP11-1100L3.8	SYNE1	0.51555537	3.53E-31
RP11-1100L3.8	PLCH1	0.498081723	6.67E-29
RP11-1100L3.8	CCDC146	0.605162532	3.32E-45
RP11-1100L3.8	SLC16A2	0.489653193	7.52E-28
RP11-1100L3.8	IER2	0.795772657	3.12E-97
RP11-1100L3.8	KCNAB1	0.466185952	4.53E-25
RP11-1100L3.8	SYNDIG1	0.49213903	3.71E-28
RP11-1100L3.8	C16orf89	0.402173569	1.70E-18
RP11-1100L3.8	CTGF	0.634854154	6.63E-51
RP11-1100L3.8	NR4A3	0.554083286	1.08E-36
RP11-1100L3.8	KIAA1456	0.400355926	2.49E-18
RP11-1100L3.8	AQP4	0.304794422	6.85E-11
RP11-1100L3.8	RNF150	0.514258676	5.26E-31
RP11-1100L3.8	C1S	0.187095684	8.02E-05
RP11-1100L3.8	PFKFB2	0.218065968	4.00E-06
RP11-1100L3.8	PROX1	0.472535718	8.42E-26
RP11-1100L3.8	TCF7L1	0.586161743	7.33E-42
RP11-1100L3.8	HSPB6	0.494319777	1.98E-28
RP11-1100L3.8	FHDC1	0.256011519	5.34E-08
RP11-1100L3.8	PRR15L	0.216759648	4.58E-06
RP11-1100L3.8	SLC1A1	0.186316857	8.60E-05
RP11-1100L3.8	BTBD11	0.490337982	6.19E-28
RP11-1100L3.8	TRIM58	0.306975168	4.94E-11
RP11-1100L3.8	LRIG1	0.384728592	6.17E-17
RP11-1100L3.8	ROR2	0.41518032	1.01E-19
RP11-1100L3.8	GPR125	0.505164645	8.26E-30
RP11-1100L3.8	FLRT1	0.572013062	1.64E-39
RP11-1100L3.8	PGF	0.579050312	1.15E-40
RP11-1100L3.8	DUSP1	0.770288351	2.04E-87
RP11-1100L3.8	PLA2G7	0.41381996	1.37E-19
RP11-1100L3.8	PLSCR4	0.331443921	1.02E-12
RP11-1100L3.8	FAM46B	0.402527027	1.58E-18
RP11-1100L3.8	GLDC	0.438857337	4.31E-22
RP11-1100L3.8	ZBTB16	0.280514738	2.22E-09
RP11-1100L3.8	OMD	0.259230683	3.58E-08
RP11-1100L3.8	HSD11B2	0.483820565	3.87E-27
RP11-1100L3.8	FGL2	0.26602579	1.51E-08

RP11-1100L3.8	CLCNKA	0.532419524	1.66E-33
RP11-1100L3.8	GATM	0.19531997	3.78E-05
RP11-1100L3.8	TNS3	0.379112125	1.87E-16
RP11-1100L3.8	TOB1	0.657964816	8.58E-56
RP11-1100L3.8	MARC2	0.433706805	1.47E-21
RP11-1100L3.8	LRRC2	0.326339343	2.37E-12
RP11-1100L3.8	SORD	0.250536038	1.04E-07
RP11-1100L3.8	RIMS4	0.380533191	1.42E-16
RP11-1100L3.8	SLC29A4	0.55065494	3.59E-36
RP11-1100L3.8	SLC39A14	0.295299276	2.78E-10
RP11-1100L3.8	FAXDC2	0.396131448	6.04E-18
RP11-1100L3.8	HSPB8	0.364725015	2.94E-15
RP11-1100L3.8	CCL19	0.095536752	0.045436788
RP11-1100L3.8	KCNIP3	0.495099739	1.58E-28
RP11-1100L3.8	CGNL1	0.356341163	1.37E-14
RP11-1100L3.8	ATF3	0.66326683	5.63E-57
RP11-1100L3.8	SGCD	0.329138074	1.50E-12
RP11-1100L3.8	STARD13	0.496776822	9.75E-29
RP11-1100L3.8	LDHD	0.311539204	2.46E-11
RP11-1100L3.8	RCAN1	0.579739925	8.83E-41
RP11-1100L3.8	ID3	0.494451402	1.91E-28
RP11-1100L3.8	SYTL3	0.381201812	1.24E-16
RP11-1100L3.8	MT1E	0.2940504	3.32E-10
RP11-1100L3.8	CAMK1D	0.390297119	2.00E-17
RP11-1100L3.8	PRKCQ	0.339232908	2.77E-13
RP11-1100L3.8	NUAK2	0.35364569	2.23E-14
RP11-1100L3.8	LIPG	0.401691465	1.88E-18
RP11-1100L3.8	SLC25A25	0.460308079	2.09E-24
RP11-1100L3.8	PRKX	0.273052686	6.04E-09
RP11-1100L3.8	SRPX	0.347980998	6.09E-14
RP11-1100L3.8	FAM189A1	0.504556022	9.90E-30
RP11-1100L3.8	PLEKHH1	0.464775665	6.56E-25
RP11-1100L3.8	WNT11	0.564672138	2.46E-38
RP11-1100L3.8	SNAI1	0.52793816	7.12E-33
RP11-1100L3.8	FDCSP	0.050088637	0.29503561
RP11-1100L3.8	MT1X	0.252994643	7.73E-08
RP11-1100L3.8	ACACB	0.487989585	1.20E-27
RP11-1100L3.8	ARC	0.463211202	9.86E-25
RP11-1100L3.8	KLK4	0.202401492	1.93E-05
RP11-1100L3.8	ZFPM2	0.460488354	1.99E-24
RP11-1100L3.8	AKAP12	0.326328422	2.37E-12
RP11-1100L3.8	GJB6	0.369306124	1.24E-15
RP11-1100L3.8	ERO1LB	0.459938877	2.30E-24
RP11-1100L3.8	DNALI1	0.627292532	2.15E-49
RP11-1100L3.8	HKDC1	0.310338127	2.96E-11
RP11-1100L3.8	ZFP36L2	0.454987342	8.12E-24
RP11-1100L3.8	CAPSL	0.529281235	4.61E-33
RP11-1100L3.8	CYP7B1	0.389765088	2.23E-17
RP11-1100L3.8	CPQ	0.48410353	3.57E-27
RP11-1100L3.8	RPS6KA6	0.490334737	6.20E-28
RP11-1100L3.8	TLE1	0.441504444	2.28E-22

RP11-1100L3.8	TP53INP2	0.571669958	1.87E-39
RP11-1100L3.8	KATNAL2	0.524630801	2.05E-32
RP11-1100L3.8	SGPP2	0.144320294	0.002436582
RP11-1100L3.8	CTH	0.338787965	2.99E-13
RP11-1100L3.8	KIF12	0.491864859	4.01E-28
RP11-1100L3.8	TMEM220	0.37309284	6.03E-16
RP11-1100L3.8	CENPJ	0.539287543	1.72E-34
RP11-1100L3.8	FAM155B	0.363720241	3.54E-15
RP11-1100L3.8	WFS1	0.461656383	1.47E-24
RP11-1100L3.8	SELENBP1	0.426054123	8.70E-21
RP11-1100L3.8	SNTA1	0.267897331	1.19E-08
RP11-1100L3.8	FRAS1	0.265554323	1.61E-08
RP11-1100L3.8	FBLN7	0.396431292	5.67E-18
RP11-1100L3.8	AGPAT9	0.389897706	2.17E-17
RP11-1100L3.8	GPR83	0.443050043	1.57E-22
RP11-1100L3.8	PRTG	0.380218455	1.51E-16
RP11-1100L3.8	EGR3	0.602356284	1.07E-44
RP11-1100L3.8	GRAMD2	0.446669869	6.46E-23
RP11-1100L3.8	HYOU1	0.376007877	3.43E-16
RP11-1100L3.8	FBLN5	0.480642278	9.32E-27
RP11-1100L3.8	ITM2A	0.494915635	1.67E-28
RP11-1100L3.8	SRF	0.669853038	1.77E-58
RP11-1100L3.8	FGFR2	0.373590121	5.48E-16
RP11-1100L3.8	MT1A	0.406585428	6.61E-19
RP11-1100L3.8	MAMDC2	0.425325506	1.03E-20
RP11-1100L3.8	FHL2	0.426620337	7.64E-21
RP11-1100L3.8	FTCDNL1	0.209143418	9.94E-06
RP11-1100L3.8	PKIA	0.375458684	3.82E-16
RP11-1100L3.8	DNAJB4	0.517500222	1.93E-31
RP11-1100L3.8	SLC25A33	0.486862688	1.65E-27
RP11-1100L3.8	EYA2	0.249110007	1.24E-07
RP11-1100L3.8	LPAR1	0.27573128	4.23E-09
RP11-1100L3.8	STX11	0.13703951	0.004018658
RP11-1100L3.8	ARHGEF28	0.275104644	4.60E-09
RP11-1100L3.8	OR2W3	0.360189772	6.80E-15
RP11-1100L3.8	ALDH1B1	0.226438623	1.64E-06
RP11-1100L3.8	CXCL12	0.310166788	3.04E-11
RP11-1100L3.8	OLFM2	0.505973968	6.49E-30
RP11-1100L3.8	TUB	0.332342601	8.83E-13
RP11-1100L3.8	HTRA3	0.385821022	4.95E-17
RP11-1100L3.8	CKB	0.367806995	1.65E-15
RP11-1100L3.8	RGS2	0.469607348	1.84E-25
RP11-1100L3.8	SHANK2	0.483556606	4.16E-27
RP11-1100L3.8	CNTFR	0.409028857	3.90E-19
RP11-1100L3.8	CYTH3	0.39721012	4.82E-18
RP11-1100L3.8	PLAC9	0.517217541	2.11E-31
RP11-1100L3.8	WVOX	0.445253767	9.15E-23
RP11-1100L3.8	NPR3	0.518550243	1.39E-31
RP11-1100L3.8	SDC2	0.454620976	8.90E-24
RP11-1100L3.8	KLF15	0.300007844	1.40E-10
RP11-1100L3.8	TMEM164	0.442190936	1.93E-22

RP11-1100L3.8	LONRF3	0.213039401	6.71E-06
RP11-1100L3.8	GBP1	0.260143236	3.19E-08
RP11-1100L3.8	ARHGAP6	0.369882498	1.11E-15
RP11-1100L3.8	TMEM119	0.282679173	1.65E-09
RP11-1100L3.8	SH3RF1	0.307196434	4.77E-11
RP11-1100L3.8	CRELD2	0.469135739	2.08E-25
RP11-1100L3.8	PCP4	0.14752936	0.001940141
RP11-1100L3.8	GCSH	0.435171131	1.04E-21
RP11-1100L3.8	IMPA2	0.390167338	2.06E-17
RP11-1100L3.8	C1R	0.171472038	0.00030707
RP11-1100L3.8	SUCNR1	0.380168244	1.52E-16
RP11-1100L3.8	SFRP1	0.434523503	1.21E-21
RP11-1100L3.8	UGT8	0.263117135	2.19E-08
RP11-1100L3.8	TLE4	0.372822215	6.35E-16
RP11-1100L3.8	ANTXR1	0.39150543	1.57E-17
RP11-1100L3.8	GPX3	0.285476486	1.12E-09
RP11-1100L3.8	DPY19L2	0.550695789	3.54E-36
RP11-1100L3.8	FAM46C	0.232834052	8.12E-07
RP11-1100L3.8	IL33	0.343949005	1.23E-13
RP11-1100L3.8	PEG3	0.435914074	8.70E-22
RP11-1100L3.8	FAHD2A	0.469253464	2.02E-25
RP11-1100L3.8	PTGDS	0.142154583	0.002834384
RP11-1100L3.8	CHCHD10	0.238752349	4.16E-07
RP11-1100L3.8	CD36	0.418563278	4.76E-20
RP11-1100L3.8	ANKRD37	0.701698032	2.48E-66
RP11-1100L3.8	TSPAN33	0.364803309	2.89E-15
RP11-1100L3.8	PRDM16	0.465194085	5.88E-25
RP11-1100L3.8	UST	0.376386724	3.19E-16
RP11-1100L3.8	NEXN	0.51171738	1.14E-30
RP11-1100L3.8	NUPR1L	0.229431319	1.18E-06
RP11-1100L3.8	SLC24A3	0.39332208	1.08E-17
RP11-1100L3.8	MARC1	0.529995508	3.66E-33
RP11-1100L3.8	MYH11	0.43577862	8.98E-22
RP11-1100L3.8	APOA1	0.476635041	2.79E-26
RP11-1100L3.8	TMEM178B	0.453958313	1.05E-23
RP11-1100L3.8	CAPNG	0.452553879	1.50E-23
RP11-1100L3.8	PPM1L	0.446667884	6.47E-23
RP11-1100L3.8	FZD8	0.533696323	1.10E-33
RP11-1100L3.8	RCAN2	0.507349363	4.29E-30
RP11-1100L3.8	COPZ2	0.401405379	2.00E-18
RP11-1100L3.8	GAS1	0.299851681	1.43E-10
RP11-1100L3.8	DACT1	0.389522405	2.35E-17
RP11-1100L3.8	WBSCR17	0.46246216	1.20E-24
RP11-1100L3.8	NCS1	0.403019628	1.42E-18
RP11-1100L3.8	SPIRE2	0.487001122	1.59E-27
RP11-1100L3.8	C15orf52	0.342717705	1.52E-13
RP11-1100L3.8	SPAG5	0.436749353	7.13E-22
RP11-1100L3.8	ARL4D	0.360685351	6.20E-15
RP11-1100L3.8	FAM189A2	0.494307721	1.99E-28
RP11-1100L3.8	MAP1LC3A	0.51975827	9.54E-32
RP11-1100L3.8	KLF6	0.426587998	7.70E-21

RP11-1100L3.8	ADD3	0.27425277	5.15E-09
RP11-1100L3.8	TSPAN7	0.433619859	1.50E-21
RP11-1100L3.8	KLF9	0.40742282	5.52E-19
RP11-1100L3.8	KCNQ1	0.325541651	2.69E-12
RP11-1100L3.8	MAN1A1	0.253366398	7.39E-08
RP11-1100L3.8	MLF1	0.38839253	2.95E-17
RP11-1100L3.8	RARB	0.51497084	4.22E-31
RP11-1100L3.8	CDC42EP2	0.407423246	5.52E-19
RP11-1100L3.8	FAM3B	0.255440909	5.73E-08
RP11-1100L3.8	GADD45B	0.353446976	2.31E-14
RP11-1100L3.8	TMEM47	0.497296797	8.38E-29
RP11-1100L3.8	SDF2L1	0.385880878	4.90E-17
RP11-1100L3.8	CCDC85A	0.315333348	1.37E-11
RP11-1100L3.8	CRYBG3	0.133677969	0.00502416
RP11-1100L3.8	FBLN2	0.24815984	1.38E-07
RP11-1100L3.8	PEBP4	0.099720595	0.036741042
RP11-1100L3.8	CDADC1	0.512972639	7.80E-31
RP11-1100L3.8	FAM63A	0.325219255	2.84E-12
RP11-1100L3.8	GLUL	0.357787193	1.05E-14
RP11-1100L3.8	FREM2	0.245383945	1.92E-07
RP11-1100L3.8	ACKR3	0.555722498	6.08E-37
RP11-1100L3.8	DENND6A	0.497653233	7.55E-29
RP11-1100L3.8	CLDN8	0.148542077	0.001803858
RP11-1100L3.8	UTS2R	0.272793656	6.25E-09
RP11-1100L3.8	SCNN1B	0.359694052	7.44E-15
RP11-1100L3.8	TTC30A	0.394529823	8.41E-18
RP11-1100L3.8	CORO2B	0.528617418	5.72E-33
RP11-1100L3.8	TC2N	0.233551039	7.49E-07
RP11-1100L3.8	ALDH2	0.363465927	3.71E-15
RP11-1100L3.8	GPR183	0.325791001	2.59E-12
RP11-1100L3.8	C4orf47	0.55830209	2.44E-37
RP11-1100L3.8	SLC25A42	0.498424828	6.03E-29
RP11-1100L3.8	LGMN	0.351303675	3.39E-14
RP11-1100L3.8	ACSF2	0.392531196	1.27E-17
RP11-1100L3.8	KIAA1467	0.377177466	2.74E-16
RP11-1100L3.8	PRKG1	0.524345283	2.25E-32
RP11-1100L3.8	GNAI1	0.42595895	8.90E-21
RP11-1100L3.8	ABCC4	0.299797074	1.44E-10
RP11-1100L3.8	PRPS1	0.302950964	9.03E-11
RP11-1100L3.8	TSPAN5	0.312909918	1.99E-11
RP11-1100L3.8	CR2	0.095955258	0.044495527
RP11-1100L3.8	CCDC170	0.392714024	1.22E-17
RP11-1100L3.8	RRAD	0.374242997	4.83E-16
RP11-1100L3.8	SCGB2A1	0.319937665	6.62E-12
RP11-1100L3.8	SESN3	0.325444918	2.74E-12
RP11-1100L3.8	SGK223	0.262543971	2.36E-08
RP11-1100L3.8	NDRG2	0.488288152	1.11E-27
RP11-1100L3.8	C3orf52	0.395665939	6.65E-18
RP11-1100L3.8	FLRT3	-0.100890042	0.034579471
RP11-1100L3.8	MST1R	-0.333921532	6.78E-13
RP11-1100L3.8	SDC1	-0.341044594	2.03E-13

RP11-1100L3.8	ST8SIA4	-0.389153486	2.53E-17
RP11-1100L3.8	UBTD1	-0.24343723	2.42E-07
RP11-1100L3.8	EPHA2	-0.039268041	0.411801424
RP11-1100L3.8	TMEM130	-0.013941599	0.770829334
RP11-1100L3.8	SPINK2	-0.387040396	3.88E-17
RP11-1100L3.8	MMP16	-0.323101059	4.00E-12
RP11-1100L3.8	SIGLEC15	-0.260628319	3.00E-08
RP11-1100L3.8	RIN1	-0.271776719	7.15E-09
RP11-1100L3.8	IL1RN	-0.394042755	9.30E-18
RP11-1100L3.8	FCER1G	-0.218004836	4.02E-06
RP11-1100L3.8	CD276	-0.315279308	1.38E-11
RP11-1100L3.8	CTSB	-0.507854729	3.69E-30
RP11-1100L3.8	FAM171A2	-0.109016035	0.022345711
RP11-1100L3.8	ASPHD1	-0.408700064	4.19E-19
RP11-1100L3.8	C15orf48	-0.386716298	4.14E-17
RP11-1100L3.8	DYSF	-0.088070801	0.065239874
RP11-1100L3.8	PDZRN4	0.00775679	0.871257134
RP11-1100L3.8	EFHD2	-0.072904296	0.1272118
RP11-1100L3.8	ASF1B	-0.387313575	3.67E-17
RP11-1100L3.8	AQP1	-0.033682068	0.48149171
RP11-1100L3.8	ARRDC2	-0.181636089	0.000129859
RP11-1100L3.8	PRSS1	-0.31819478	8.72E-12
RP11-1100L3.8	MAPK13	-0.451754306	1.83E-23
RP11-1100L3.8	CST5	-0.266511578	1.42E-08
RP11-1100L3.8	AHR	-0.26359158	2.06E-08
RP11-1100L3.8	BAX	-0.237950828	4.56E-07
RP11-1100L3.8	C1orf115	-0.246999896	1.59E-07
RP11-1100L3.8	PLK3	0.020541282	0.667773424
RP11-1100L3.8	JAG2	-0.060860336	0.203120959
RP11-1100L3.8	RAD23B	-0.48290685	4.98E-27
RP11-1100L3.8	CA12	0.109287936	0.02201137
RP11-1100L3.8	ADTRP	-0.253874317	6.94E-08
RP11-1100L3.8	UCP2	-0.233596853	7.46E-07
RP11-1100L3.8	IGFBP2	-0.035892459	0.453177544
RP11-1100L3.8	LOXL2	-0.137458922	0.003906906
RP11-1100L3.8	GPX1	-0.284402211	1.30E-09
RP11-1100L3.8	P3H3	-0.233213183	7.78E-07
RP11-1100L3.8	C2orf81	-0.219311157	3.51E-06
RP11-1100L3.8	CDT1	-0.450494508	2.51E-23
RP11-1100L3.8	SNX25	-0.131575659	0.005763015
RP11-1100L3.8	MTHFD1L	-0.361475101	5.36E-15
RP11-1100L3.8	CDC42BPG	-0.355644755	1.55E-14
RP11-1100L3.8	MSN	-0.504040444	1.15E-29
RP11-1100L3.8	SIGLEC6	-0.286923726	9.14E-10
RP11-1100L3.8	F2R	-0.011975453	0.80242713
RP11-1100L3.8	TMEM184A	-0.326634223	2.26E-12
RP11-1100L3.8	CKS2	-0.206977707	1.23E-05
RP11-1100L3.8	TAX1BP3	-0.283919681	1.39E-09
RP11-1100L3.8	PMEPA1	-0.201753277	2.05E-05
RP11-1100L3.8	CXCL16	-0.390326763	1.99E-17
RP11-1100L3.8	FAXC	-0.31429283	1.61E-11

RP11-1100L3.8	VTCN1	-0.330772269	1.14E-12
RP11-1100L3.8	SH2D4A	-0.381827314	1.10E-16
RP11-1100L3.8	RNF24	-0.328955104	1.54E-12
RP11-1100L3.8	LY6G6C	-0.329818158	1.34E-12
RP11-1100L3.8	NID1	-0.159533322	0.000794875
RP11-1100L3.8	STAC	-0.445297595	9.05E-23
RP11-1100L3.8	RAB34	-0.294423857	3.15E-10
RP11-1100L3.8	HES4	-0.026857148	0.57464988
RP11-1100L3.8	EPHA10	-0.472883361	7.67E-26
RP11-1100L3.8	ENTPD2	-0.262145976	2.48E-08
RP11-1100L3.8	DDB2	-0.356801567	1.26E-14
RP11-1100L3.8	NKAIN4	-0.000645217	0.989244635
RP11-1100L3.8	TRIM29	-0.194940272	3.92E-05
RP11-1100L3.8	ADCY8	-0.447365122	5.45E-23
RP11-1100L3.8	SFTA2	-0.309166268	3.54E-11
RP11-1100L3.8	NRIP1	-0.365793191	2.40E-15
RP11-1100L3.8	VWA1	0.073328247	0.125009287
RP11-1100L3.8	APLNR	-0.021696971	0.650290057
RP11-1100L3.8	REN	-0.375136554	4.06E-16
RP11-1100L3.8	EDIL3	-0.105670663	0.026833212
RP11-1100L3.8	AGRN	-0.213608452	6.33E-06
RP11-1100L3.8	TREM1	-0.230075178	1.10E-06
RP11-1100L3.8	SRL	-0.217415645	4.28E-06
RP11-1100L3.8	RASGRF1	-0.233763795	7.32E-07
RP11-1100L3.8	RMI2	-0.39285501	1.19E-17
RP11-1100L3.8	SAMD1	-0.294002033	3.35E-10
RP11-1100L3.8	MGAT4B	-0.45675903	5.18E-24
RP11-1100L3.8	NXN	-0.282818457	1.62E-09
RP11-1100L3.8	SH3BGRL3	-0.375800653	3.57E-16
RP11-1100L3.8	CA11	-0.2524246	8.28E-08
RP11-1100L3.8	PLD3	-0.164081472	0.000557465
RP11-1100L3.8	LURAP1L	-0.399035706	3.29E-18
RP11-1100L3.8	CARNS1	-0.167827533	0.000413318
RP11-1100L3.8	PDLIM7	-0.140359917	0.003207858
RP11-1100L3.8	BCL2L1	-0.375018137	4.16E-16
RP11-1100L3.8	GGT6	-0.201361807	2.13E-05
RP11-1100L3.8	DPYSL3	-0.109168935	0.022157161
RP11-1100L3.8	FYN	-0.301416003	1.13E-10
RP11-1100L3.8	TK1	-0.364923304	2.83E-15
RP11-1100L3.8	AK1	-0.224077594	2.12E-06
RP11-1100L3.8	HIGD1B	0.014852052	0.756321475
RP11-1100L3.8	TMEM59L	-0.057103212	0.232474679
RP11-1100L3.8	MEGF9	-0.362936307	4.09E-15
RP11-1100L3.8	ZFP36L1	-0.125133699	0.008672766
RP11-1100L3.8	ADRA1B	-0.19109691	5.58E-05
RP11-1100L3.8	EPHA4	-0.250476325	1.05E-07
RP11-1100L3.8	TCERG1L	-0.036549306	0.444947758
RP11-1100L3.8	NGFR	-0.139151323	0.003483984
RP11-1100L3.8	EBI3	-0.38635433	4.45E-17
RP11-1100L3.8	S100A10	-0.167302168	0.000431194
RP11-1100L3.8	S100B	-0.266301663	1.46E-08

RP11-1100L3.8	CD44	-0.215151924	5.40E-06
RP11-1100L3.8	BHLHE41	-0.364901177	2.84E-15
RP11-1100L3.8	FBXO2	-0.204989859	1.50E-05
RP11-1100L3.8	SLC30A2	-0.379681459	1.68E-16
RP11-1100L3.8	FRMD5	-0.484157712	3.52E-27
RP11-1100L3.8	SAMD11	-0.163564759	0.000580664
RP11-1100L3.8	SIPA1L2	-0.19701152	3.23E-05
RP11-1100L3.8	S100A16	-0.341670379	1.82E-13
RP11-1100L3.8	PPL	-0.414729278	1.12E-19
RP11-1100L3.8	ARHGDIB	-0.006685494	0.888913743
RP11-1100L3.8	CDC42EP3	-0.372460955	6.80E-16
RP11-1100L3.8	RUNX2	-0.271053491	7.86E-09
RP11-1100L3.8	LAMC2	-0.404354315	1.07E-18
RP11-1100L3.8	BRINP1	-0.356825821	1.26E-14
RP11-1100L3.8	GPRC5B	-0.437675976	5.72E-22
RP11-1100L3.8	AQP5	0.113446318	0.017413033
RP11-1100L3.8	PLAG1	-0.23504118	6.34E-07
RP11-1100L3.8	PTPRU	-0.264444544	1.85E-08
RP11-1100L3.8	ANGPTL4	-0.264173964	1.92E-08
RP11-1100L3.8	PALM3	-0.203140303	1.80E-05
RP11-1100L3.8	ACP5	-0.262002721	2.53E-08
RP11-1100L3.8	DLG4	-0.208198783	1.09E-05
RP11-1100L3.8	ETNK2	-0.312563268	2.10E-11
RP11-1100L3.8	CD109	-0.217555496	4.21E-06
RP11-1100L3.8	SNX22	-0.133851294	0.004967231
RP11-1100L3.8	TMEM98	-0.304039565	7.67E-11
RP11-1100L3.8	CTHRC1	-0.159497295	0.000797083
RP11-1100L3.8	S100A2	-0.230837411	1.01E-06
RP11-1100L3.8	C11orf80	-0.437180255	6.44E-22
RP11-1100L3.8	SREBF1	-0.249526725	1.18E-07
RP11-1100L3.8	PRSS22	-0.298733011	1.68E-10
RP11-1100L3.8	CMTM3	-0.274962665	4.69E-09
RP11-1100L3.8	RDH5	-0.32257229	4.35E-12
RP11-1100L3.8	MYH10	-0.358416241	9.40E-15
RP11-1100L3.8	EVPL	-0.291962557	4.48E-10
RP11-1100L3.8	SCD	-0.347099196	7.11E-14
RP11-1100L3.8	CD151	-0.169420506	0.000363246
RP11-1100L3.8	S100A4	-0.190427297	5.94E-05
RP11-1100L3.8	BNIP1	-0.183842649	0.000107056
RP11-1100L3.8	MAP3K6	-0.36375031	3.52E-15
RP11-1100L3.8	MANEAL	-0.449049046	3.59E-23
RP11-1100L3.8	CD207	-0.235336085	6.13E-07
RP11-1100L3.8	CD1A	-0.277648451	3.27E-09
RP11-1100L3.8	C3	-0.192863492	4.75E-05
RP11-1100L3.8	NT5E	-0.245899523	1.81E-07
RP11-1100L3.8	CACNG4	-0.27706659	3.53E-09
RP11-1100L3.8	FHOD1	-0.265230651	1.67E-08
RP11-1100L3.8	LEMD1	-0.390032735	2.12E-17
RP11-1100L3.8	ATP11A	-0.165345241	0.000504301
RP11-1100L3.8	PPAP2C	-0.124664076	0.008928943
RP11-1100L3.8	DRAM1	-0.293531134	3.58E-10

RP11-1100L3.8	CDA	-0.073166127	0.125848008
RP11-1100L3.8	CCND2	-0.185930634	8.90E-05
RP11-1100L3.8	LCN6	-0.047091142	0.324917854
RP11-1100L3.8	CDH4	-0.377699711	2.47E-16
RP11-1100L3.8	MMP11	-0.259584255	3.42E-08
RP11-1100L3.8	B3GAT1	-0.252356092	8.35E-08
RP11-1100L3.8	SPP1	-0.24505077	2.00E-07
RP11-1100L3.8	HLA-DQB1	-0.34097637	2.06E-13
RP11-1100L3.8	SDC3	-0.258512818	3.91E-08
RP11-1100L3.8	CX3CL1	-0.165177022	0.000511095
RP11-1100L3.8	SDK1	-0.130884345	0.006026499
RP11-1100L3.8	DOCK9	-0.388684289	2.78E-17
RP11-1100L3.8	CSF2	-0.259675938	3.38E-08
RP11-1100L3.8	GRHL3	-0.373172269	5.94E-16
RP11-1100L3.8	TMEM92	-0.407925097	4.95E-19
RP11-1100L3.8	BASP1	-0.271819554	7.11E-09
RP11-1100L3.8	HRH1	-0.30603422	5.69E-11
RP11-1100L3.8	ESM1	0.050792026	0.288298141
RP11-1100L3.8	B4GALNT3	-0.359375911	7.89E-15
RP11-1100L3.8	LMO3	-0.199161771	2.63E-05
RP11-1100L3.8	C9orf16	-0.378797956	1.99E-16
RP11-1100L3.8	SEMA3F	-0.031558766	0.509569207
RP11-1100L3.8	PLA2G12B	-0.269950551	9.08E-09
RP11-1100L3.8	KLK6	-0.233719923	7.35E-07
RP11-1100L3.8	ST3GAL5	-0.195161254	3.84E-05
RP11-1100L3.8	FAM132B	-0.150350075	0.001582146
RP11-1100L3.8	CDKN1A	-0.034772512	0.467405091
RP11-1100L3.8	E2F1	-0.397448548	4.59E-18
RP11-1100L3.8	B3GNT8	-0.260946885	2.89E-08
RP11-1100L3.8	MTMR11	-0.334719791	5.94E-13
RP11-1100L3.8	MYO1G	-0.201349751	2.13E-05
RP11-1100L3.8	TMSB10	-0.264593376	1.82E-08
RP11-1100L3.8	UNC5CL	-0.376054258	3.40E-16
RP11-1100L3.8	ABR	-0.405165624	8.97E-19
RP11-1100L3.8	PLP2	-0.368470509	1.45E-15
RP11-1100L3.8	SRCIN1	-0.476939478	2.56E-26
RP11-1100L3.8	PDE9A	-0.375507334	3.78E-16
RP11-1100L3.8	TREM2	-0.224137733	2.10E-06
RP11-1100L3.8	KDEL3	-0.281538803	1.93E-09
RP11-1100L3.8	PC	-0.416187647	8.09E-20
RP11-1100L3.8	C2CD4A	-0.491725008	4.17E-28
RP11-1100L3.8	PELI1	-0.134866281	0.004645369
RP11-1100L3.8	SSX1	-0.09535967	0.045840069
RP11-1100L3.8	MROH6	-0.276845553	3.64E-09
RP11-1100L3.8	ESPN	-0.27416015	5.21E-09
RP11-1100L3.8	BMP1	-0.155996187	0.001040791
RP11-1100L3.8	TM4SF4	-0.243687037	2.35E-07
RP11-1100L3.8	CORO2A	-0.435717063	9.11E-22
RP11-1100L3.8	CD164L2	-0.365589242	2.50E-15
RP11-1100L3.8	CTSS	-0.387877377	3.28E-17
RP11-1100L3.8	CLU	-0.228227749	1.35E-06

RP11-1100L3.8	TMSB4X	-0.228017121	1.38E-06
RP11-1100L3.8	WNT10A	-0.227701329	1.43E-06
RP11-1100L3.8	NAPSA	-0.117364995	0.013871734
RP11-1100L3.8	PLEKHA4	-0.299271425	1.56E-10
RP11-1100L3.8	SFTPA1	0.028197292	0.555705919
RP11-1100L3.8	C1orf116	-0.297186419	2.11E-10
RP11-1100L3.8	TM4SF1	-0.144121439	0.002470861
RP11-1100L3.8	SEL1L3	-0.325683914	2.63E-12
RP11-1100L3.8	VASN	-0.346757511	7.55E-14
RP11-1100L3.8	NPTXR	-0.51425045	5.27E-31
RP11-1100L3.8	PDE4C	-0.313613005	1.79E-11
RP11-1100L3.8	CDC42EP1	-0.274373899	5.07E-09
RP11-1100L3.8	ENDOD1	-0.455074288	7.94E-24
RP11-1100L3.8	RYR1	-0.272388888	6.59E-09
RP11-1100L3.8	IL1RAP	-0.305715938	5.97E-11
RP11-1100L3.8	SLC35F2	-0.463273981	9.70E-25
RP11-1100L3.8	ISYNA1	-0.125955362	0.008240261
RP11-1100L3.8	HLA-G	-0.322687037	4.27E-12
RP11-1100L3.8	CDKN2B	-0.317341336	9.98E-12
RP11-1100L3.8	ALDH1A3	-0.210398819	8.76E-06
RP11-1100L3.8	CLIP3	-0.209911609	9.20E-06
RP11-1100L3.8	ULBP2	-0.304070485	7.64E-11
RP11-1100L3.8	ETHE1	-0.477157056	2.42E-26
RP11-1100L3.8	XPR1	-0.28415428	1.34E-09
RP11-1100L3.8	SPTBN2	-0.522581396	3.93E-32
RP11-1100L3.8	IVL	-0.355753737	1.52E-14
RP11-1100L3.8	MARCO	-0.273947111	5.36E-09
RP11-1100L3.8	PLXND1	-0.077696689	0.104004256
RP11-1100L3.8	EMILIN2	-0.30836886	4.00E-11
RP11-1100L3.8	PLAUR	-0.211540608	7.81E-06
RP11-1100L3.8	CDC42EP5	-0.236745212	5.23E-07
RP11-1100L3.8	TRPC5	-0.228286229	1.34E-06
RP11-1100L3.8	TMEM100	-0.138554189	0.003628216
RP11-1100L3.8	QSOX1	-0.343684183	1.29E-13
RP11-1100L3.8	ARHGAP23	-0.200763538	2.26E-05
RP11-1100L3.8	MDF1	-0.028792658	0.547388542
RP11-1100L3.8	FSTL3	-0.253539156	7.23E-08
RP11-1100L3.8	INF2	-0.352857217	2.57E-14
RP11-1100L3.8	TGFBR1	-0.432676074	1.87E-21
RP11-1100L3.8	TGFBI	-0.211425862	7.90E-06
RP11-1100L3.8	ERBB3	-0.474506687	4.96E-26
RP11-1100L3.8	CCL18	-0.106472894	0.025691785
RP11-1100L3.8	CCL17	-0.219776107	3.34E-06
RP11-1100L3.8	C16orf45	-0.198600238	2.78E-05
RP11-1100L3.8	PRDM1	-0.068692583	0.15075675
RP11-1100L3.8	TRIM47	-0.413000141	1.64E-19
RP11-1100L3.8	CNFN	-0.352209305	2.88E-14
RP11-1100L3.8	ARMCX3	-0.309311652	3.46E-11
RP11-1100L3.8	RAMP1	-0.156856429	0.000975248
RP11-1100L3.8	GABRD	0.031905416	0.504927669
RP11-1100L3.8	COL13A1	-0.159581972	0.000791903

RP11-1100L3.8	S100A5	-0.32082897	5.75E-12
RP11-1100L3.8	MISP	-0.262583828	2.35E-08
RP11-1100L3.8	HES6	-0.185430516	9.30E-05
RP11-1100L3.8	PSD3	-0.440998085	2.57E-22
RP11-1100L3.8	DOK7	-0.2841018	1.35E-09
RP11-1100L3.8	ZMAT3	-0.382635927	9.35E-17
RP11-1100L3.8	MFAP2	-0.131457083	0.00580746
RP11-1100L3.8	TMEM79	-0.417638641	5.86E-20
RP11-1100L3.8	SLC1A5	-0.328043375	1.79E-12
RP11-1100L3.8	BBC3	-0.319960076	6.60E-12
RP11-1100L3.8	HLA-DQB2	-0.324595739	3.14E-12
RP11-1100L3.8	C1QL1	-0.22753686	1.46E-06
RP11-1100L3.8	TMEM215	-0.172487833	0.00028236
RP11-1100L3.8	PNP	-0.297968509	1.88E-10
RP11-1100L3.8	ARNTL	-0.292007519	4.45E-10
RP11-1100L3.8	CLDN2	-0.253109753	7.62E-08
RP11-1100L3.8	MVP	-0.426661753	7.57E-21
RP11-1100L3.8	LGALS1	-0.19037042	5.97E-05
RP11-1100L3.8	BIRC7	-0.253184743	7.55E-08
RP11-1100L3.8	COL8A1	-0.417238802	6.40E-20
RP11-1100L3.8	PERP	-0.43437429	1.25E-21
RP11-1100L3.8	GJA4	-0.037241046	0.436373369
RP11-1100L3.8	IGFL2	-0.261019541	2.86E-08
RP11-1100L3.8	DAPK2	-0.306783972	5.08E-11
RP11-1100L3.8	MAMLD1	-0.377104987	2.77E-16
RP11-1100L3.8	ETV5	-0.266413714	1.44E-08
RP11-1100L3.8	RUNX1	-0.363213031	3.89E-15
RP11-1100L3.8	LONRF2	-0.232285852	8.63E-07
RP11-1100L3.8	SPOCK1	-0.014875455	0.755949653
RP11-1100L3.8	XKRX	-0.249784301	1.14E-07
RP11-1100L3.8	TGFB1	-0.126506399	0.007961087
RP11-1100L3.8	ERP27	-0.130265084	0.006271651
RP11-1100L3.8	TNFRSF10C	-0.30476648	6.88E-11
RP11-1100L3.8	PALM	-0.281343777	1.98E-09
RP11-1100L3.8	TSC22D1	-0.139968021	0.003295136
RP11-1100L3.8	TGM2	-0.363194876	3.90E-15
RP11-1100L3.8	UBE2QL1	-0.278711279	2.83E-09
RP11-1100L3.8	ECE1	-0.311509702	2.47E-11
RP11-1100L3.8	COL8A2	-0.242774851	2.61E-07
RP11-1100L3.8	HIST3H2A	-0.339474882	2.66E-13
RP11-1100L3.8	TNFRSF21	-0.281625181	1.90E-09
RP11-1100L3.8	SOX4	-0.276852787	3.64E-09
RP11-1100L3.8	ELF3	-0.312717303	2.05E-11
RP11-1100L3.8	TPD52L1	-0.428872569	4.54E-21
RP11-1100L3.8	INHBB	-0.169661204	0.000356191
RP11-1100L3.8	HPN	-0.293919909	3.39E-10
RP11-1100L3.8	MMP7	-0.260316652	3.12E-08
RP11-1100L3.8	RAB27A	-0.40762891	5.28E-19
RP11-1100L3.8	IGF2BP2	-0.354946195	1.76E-14
RP11-1100L3.8	ITGB4	-0.246828699	1.62E-07
RP11-1100L3.8	PPP1R1B	-0.267300906	1.28E-08

RP11-1100L3.8	NPDC1	-0.135457884	0.004466567
RP11-1100L3.8	CCL13	-0.313891755	1.71E-11
RP11-1100L3.8	SPINT1	-0.518010978	1.65E-31
RP11-1100L3.8	HEY2	-0.202001209	2.00E-05
RP11-1100L3.8	CST2	-0.292325462	4.26E-10
RP11-1100L3.8	ADM	-0.371666384	7.92E-16
RP11-1100L3.8	VSTM2L	-0.286775147	9.33E-10
RP11-1100L3.8	FAM84A	-0.280407084	2.25E-09
RP11-1100L3.8	P4HA2	-0.43716522	6.46E-22
RP11-1100L3.8	LPL	-0.130342101	0.006240682
RP11-1100L3.8	TMEM173	-0.200316042	2.36E-05
RP11-1100L3.8	DHRS3	-0.319530025	7.06E-12
RP11-1100L3.8	SCN1B	-0.37155802	8.09E-16
RP11-1100L3.8	GLT1D1	-0.232844123	8.11E-07
RP11-1100L3.8	PHYHIP	-0.300433639	1.31E-10
RP11-1100L3.8	BHLHE40	-0.266431444	1.43E-08
RP11-1100L3.8	BID	-0.353196917	2.41E-14
RP11-1100L3.8	POSTN	-0.255000079	6.05E-08
RP11-1100L3.8	ITGA3	-0.526165479	1.26E-32
RP11-1100L3.8	RSPO4	-0.305250145	6.40E-11
RP11-1100L3.8	ADAMTS9	-0.102255225	0.032193973
RP11-1100L3.8	ABTB2	-0.451468788	1.97E-23
RP11-1100L3.8	KCNQ3	-0.423832102	1.45E-20
RP11-1100L3.8	ANXA1	-0.244262581	2.20E-07
RP11-1100L3.8	S100A11	-0.353318755	2.36E-14
RP11-1100L3.8	CEACAM6	-0.288632739	7.19E-10
RP11-1100L3.8	IER5L	-0.334718657	5.94E-13
RP11-1100L3.8	KRT80	-0.371640428	7.96E-16
RP11-1100L3.8	CDH6	-0.269433002	9.72E-09
RP11-1100L3.8	UNC5B	-0.315200446	1.40E-11
RP11-1100L3.8	PLEKHN1	-0.355912389	1.48E-14
RP11-1100L3.8	SYTL1	-0.184978198	9.68E-05
RP11-1100L3.8	TMEM163	-0.234158386	7.00E-07
RP11-1100L3.8	C4orf48	-0.073109392	0.126142553
RP11-1100L3.8	B3GNT7	-0.287702194	8.19E-10
RP11-1100L3.8	BAIAP3	-0.259473339	3.47E-08
RP11-1100L3.8	PHLDA2	-0.310752433	2.78E-11
RP11-1100L3.8	GAP43	-0.296315481	2.40E-10
RP11-1100L3.8	S100A1	-0.406820438	6.29E-19
RP11-1100L3.8	PTPRE	-0.385081909	5.75E-17
RP11-1100L3.8	CCND1	-0.311441053	2.50E-11
RP11-1100L3.8	ST6GALNAC5	-0.376126152	3.36E-16
RP11-1100L3.8	KRT17	0.021071753	0.65972537
RP11-1100L3.8	HPCAL4	-0.26156799	2.67E-08
RP11-1100L3.8	GABBR2	-0.299034983	1.61E-10
RP11-1100L3.8	DIRAS3	-0.255078089	5.99E-08
RP11-1100L3.8	SERINC2	-0.423538783	1.55E-20
RP11-1100L3.8	PTCHD4	-0.166783328	0.000449551
RP11-1100L3.8	EPS8	-0.358530136	9.21E-15
RP11-1100L3.8	LY6E	-0.33519835	5.48E-13
RP11-1100L3.8	UPP1	-0.336479281	4.42E-13

RP11-1100L3.8	AHNAK2	-0.41055189	2.80E-19
RP11-1100L3.8	PLXNC1	-0.366771584	2.00E-15
RP11-1100L3.8	TNC	-0.341638182	1.83E-13
RP11-1100L3.8	DUSP4	-0.178057254	0.000176774
RP11-1100L3.8	NRCAM	-0.346177397	8.36E-14
RP11-1100L3.8	NRP2	-0.289998112	5.93E-10
RP11-1100L3.8	CTSC	-0.387621503	3.45E-17
RP11-1100L3.8	AMIGO2	-0.130500533	0.006177407
RP11-1100L3.8	NAB2	-0.289620116	6.25E-10
RP11-1100L3.8	TBC1D2	-0.463101136	1.01E-24
RP11-1100L3.8	PHLDA3	-0.343307605	1.38E-13
RP11-1100L3.8	PTP4A3	-0.231838214	9.07E-07
RP11-1100L3.8	CRABP2	-0.279696338	2.48E-09
RP11-1100L3.8	GOS2	-0.23323148	7.77E-07
RP11-1100L3.8	S100A6	-0.391459475	1.58E-17
RP11-1100L3.8	FOXQ1	-0.215479284	5.22E-06
RP11-1100L3.8	LRG1	-0.341176786	1.99E-13
RP11-1100L3.8	LAMP5	-0.153960824	0.001212367
RP11-1100L3.8	ALDH3B1	-0.368155205	1.54E-15
RP11-1100L3.8	CDH2	0.002728805	0.95453571
RP11-1100L3.8	SCG5	-0.176912912	0.000194854
RP11-1100L3.8	ZCCHC16	-0.247929518	1.42E-07
RP11-1100L3.8	GRB7	-0.356870925	1.25E-14
RP11-1100L3.8	TIAM1	-0.235941846	5.73E-07
RP11-1100L3.8	FXYD5	-0.191118186	5.57E-05
RP11-1100L3.8	CLDN9	-0.250626672	1.03E-07
RP11-1100L3.8	FAM43A	-0.37218877	7.17E-16
RP11-1100L3.8	CHST2	-0.235424992	6.07E-07
RP11-1100L3.8	HMGA2	-0.286674442	9.46E-10
RP11-1100L3.8	GALNT7	-0.429121919	4.29E-21
RP11-1100L3.8	CBLN1	-0.260155292	3.19E-08
RP11-1100L3.8	STRA6	-0.264012411	1.96E-08
RP11-1100L3.8	MUC21	-0.394119578	9.16E-18
RP11-1100L3.8	PRR36	-0.307374156	4.65E-11
RP11-1100L3.8	NFE2L3	-0.29111976	5.05E-10
RP11-1100L3.8	NR1D1	-0.401976416	1.77E-18
RP11-1100L3.8	MUC1	-0.414078245	1.29E-19
RP11-1100L3.8	NAT8L	-0.15154945	0.001449173
RP11-1100L3.8	APOC1	-0.002909647	0.951526299
RP11-1100L3.8	EVA1A	-0.299985717	1.40E-10
RP11-1100L3.8	ENTPD1	-0.204390172	1.59E-05
RP11-1100L3.8	COL1A1	-0.208568553	1.05E-05
RP11-1100L3.8	FNDC4	-0.235870786	5.77E-07
RP11-1100L3.8	FRMD3	-0.235729941	5.87E-07
RP11-1100L3.8	SHROOM4	-0.297003165	2.17E-10
RP11-1100L3.8	NELL2	-0.112009933	0.018896355
RP11-1100L3.8	EPHB3	-0.393115565	1.13E-17
RP11-1100L3.8	TMC6	-0.389703105	2.26E-17
RP11-1100L3.8	NOD1	-0.273510394	5.68E-09
RP11-1100L3.8	GGCT	-0.449468742	3.24E-23
RP11-1100L3.8	ICAM1	-0.364255818	3.20E-15

RP11-1100L3.8	PRSS23	-0.217456919	4.26E-06
RP11-1100L3.8	CFI	-0.28048864	2.22E-09
RP11-1100L3.8	CD55	-0.325354568	2.78E-12
RP11-1100L3.8	RASD2	-0.279553224	2.53E-09
RP11-1100L3.8	KLK11	-0.243342471	2.45E-07
RP11-1100L3.8	ICAM5	-0.178113138	0.000175933
RP11-1100L3.8	ADORA1	-0.455542351	7.05E-24
RP11-1100L3.8	ITGA2	-0.385362605	5.43E-17
RP11-1100L3.8	ABCC3	-0.24939198	1.19E-07
RP11-1100L3.8	MFGE8	-0.377350791	2.64E-16
RP11-1100L3.8	STK32A	-0.283528778	1.46E-09
RP11-1100L3.8	CYSLTR2	-0.112164252	0.018731881
RP11-1100L3.8	LAD1	-0.518658323	1.35E-31
RP11-1100L3.8	MGAT3	-0.279356922	2.59E-09
RP11-1100L3.8	IGFBP6	-0.207302089	1.19E-05
RP11-1100L3.8	CYP2S1	-0.336042707	4.75E-13
RP11-1100L3.8	KCNJ2	-0.269790431	9.28E-09
RP11-1100L3.8	FAM20A	-0.261368141	2.74E-08
RP11-1100L3.8	TGFA	-0.358464749	9.32E-15
RP11-1100L3.8	MXRA8	-0.27218521	6.77E-09
RP11-1100L3.8	C8orf4	0.00120207	0.979963745
RP11-1100L3.8	CLDN10	-0.276572051	3.78E-09
RP11-1100L3.8	PDE5A	-0.411670276	2.19E-19
RP11-1100L3.8	APOE	-0.016261488	0.734031965
RP11-1100L3.8	SPOCK2	-0.239263672	3.92E-07
RP11-1100L3.8	TENM1	-0.155675635	0.001066236
RP11-1100L3.8	SLIT1	-0.156074765	0.00103464
RP11-1100L3.8	CXCL14	0.028742022	0.548093539
RP11-1100L3.8	ECM1	-0.119171433	0.012464623
RP11-1100L3.8	DUSP5	-0.221485662	2.79E-06
RP11-1100L3.8	SEZ6L2	-0.371715601	7.85E-16
RP11-1100L3.8	THRSP	-0.298395581	1.77E-10
RP11-1100L3.8	C19orf33	-0.265190085	1.68E-08
RP11-1100L3.8	MPZL2	-0.336980676	4.06E-13
RP11-1100L3.8	CTSH	-0.385620039	5.16E-17
RP11-1100L3.8	CYP1B1	-0.456922142	4.97E-24
RP11-1100L3.8	ALOX5	-0.381191599	1.25E-16
RP11-1100L3.8	SYTL5	-0.306631011	5.20E-11
RP11-1100L3.8	TNFRSF12A	-0.212460564	7.12E-06
RP11-1100L3.8	DUSP6	-0.131528569	0.005780629
RP11-1100L3.8	ALOX15B	-0.405189169	8.93E-19
RP11-1100L3.8	SDC4	-0.323333814	3.85E-12
RP11-1100L3.8	MDK	-0.240745729	3.31E-07
RP11-1100L3.8	KRT19	-0.346870129	7.40E-14
RP11-1100L3.8	MET	-0.490962491	5.18E-28
RP11-1100L3.8	TESC	-0.135862829	0.004347787
RP11-1100L3.8	CXCL17	-0.560762275	1.01E-37
RP11-1100L3.8	NPC2	-0.395988335	6.22E-18
RP11-1100L3.8	COMP	-0.16928108	0.000367391
RP11-1100L3.8	TUSC3	-0.214806834	5.60E-06
RP11-1100L3.8	TMPRSS4	-0.379198504	1.84E-16

RP11-1100L3.8	LGALS3	-0.374630213	4.48E-16
RP11-1100L3.8	CRLF1	-0.133264798	0.005162247
RP11-1100L3.8	CTXN1	-0.254010055	6.83E-08
RP11-1100L3.8	PCSK1N	-0.013765863	0.773639051
RP11-1100L3.8	NMU	-0.335634547	5.09E-13
RP11-1100L3.8	GALE	-0.35796378	1.02E-14
RP11-1100L3.8	PCSK2	-0.126587672	0.007920634
RP11-1100L3.8	GJB3	-0.381482224	1.18E-16
RP11-1100L3.8	SLPI	-0.263021111	2.22E-08
RP11-1100L3.8	AGR2	-0.089609308	0.060662705
RP11-1100L3.8	MRC2	-0.262565247	2.35E-08
RP11-1100L3.8	GOLT1A	-0.32246109	4.43E-12
RP11-1100L3.8	SLC27A6	-0.224653177	1.99E-06
RP11-1100L3.8	KCNN4	-0.352595386	2.69E-14
RP11-1100L3.8	ETV4	-0.183491041	0.000110418
RP11-1100L3.8	SYT12	-0.403498045	1.28E-18
RP11-1100L3.8	PVRL4	-0.498639285	5.67E-29
RP11-1100L3.8	PLCD3	-0.415796177	8.83E-20
RP11-1100L3.8	PLAU	-0.358333266	9.54E-15
RP11-1100L3.8	LRRK2	-0.176868375	0.000195592
RP11-1100L3.8	SFN	-0.348211625	5.85E-14
RP11-1100L3.8	LPAR5	-0.41502983	1.05E-19
RP11-1100L3.8	NGEF	-0.397493936	4.54E-18
RP11-1100L3.8	DTX4	-0.46682195	3.84E-25
RP11-1100L3.8	CST6	-0.292275166	4.29E-10
RP11-1100L3.8	QPCT	-0.327867497	1.85E-12
RP11-1100L3.8	TIMP1	-0.344747962	1.07E-13
RP11-1100L3.8	CAMK2N1	-0.354802797	1.81E-14
RP11-1100L3.8	KLHDC8A	-0.126652491	0.007888502
RP11-1100L3.8	PDLIM4	-0.430310514	3.25E-21
RP11-1100L3.8	SCEL	-0.32810479	1.78E-12
RP11-1100L3.8	LCN2	-0.501549216	2.41E-29
RP11-1100L3.8	PROS1	-0.519418144	1.06E-31
RP11-1100L3.8	GABRB2	-0.427379024	6.41E-21
RP11-1100L3.8	TMPRSS6	-0.40348145	1.29E-18
RP11-1100L3.8	KLK7	-0.339343222	2.72E-13
RP11-1100L3.8	PDZK1IP1	-0.397406139	4.63E-18
RP11-1100L3.8	CDH3	-0.300591787	1.28E-10
RP11-1100L3.8	LRP4	-0.202420479	1.93E-05
RP11-1100L3.8	IGSF1	-0.143933079	0.002503737
RP11-1100L3.8	B3GNT3	-0.41185438	2.11E-19
RP11-1100L3.8	CLDN1	-0.313340819	1.86E-11
RP11-1100L3.8	GDF15	-0.411819063	2.12E-19
RP11-1100L3.8	ARHGAP36	-0.169776672	0.000352852
RP11-1100L3.8	LAMB3	-0.324734172	3.07E-12
RP11-1100L3.8	KLK10	-0.411185476	2.44E-19
RP11-1100L3.8	DPP4	-0.447002052	5.95E-23
RP11-1100L3.8	METTL7B	-0.371331081	8.44E-16
RP11-1100L3.8	LIPH	-0.430735742	2.94E-21
RP11-1100L3.8	CLDN16	-0.351742803	3.13E-14
RP11-1100L3.8	CHI3L1	-0.492147257	3.70E-28

RP11-1100L3.8	SLC22A31	-0.258591345	3.88E-08
RP11-1100L3.8	TACSTD2	-0.432765573	1.83E-21
RP11-1100L3.8	SFTPB	-0.402064071	1.74E-18
RP11-1100L3.8	RXRG	-0.317433105	9.84E-12
RP11-1100L3.8	DCSTAMP	-0.51391465	5.84E-31
RP11-1100L3.8	CITED1	-0.439887359	3.37E-22
RP11-1100L3.8	SERPINA1	-0.452658659	1.46E-23
RP11-1100L3.8	PRR15	-0.212573183	7.03E-06
RP11-1100L3.8	SLC34A2	-0.551119457	3.05E-36
RP11-1100L3.8	FN1	-0.511085921	1.39E-30
RP11-1100L3.8	ZCCHC12	-0.169846301	0.000350853
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LINC00092	DIO1	0.631416499	0
LINC00092	DPT	0.546698438	1.40E-35
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LINC00092	CRABP1	0.546107809	1.72E-35
LINC00092	SLC26A7	0.491748058	0
LINC00092	MT1H	0.585652548	8.94E-42
LINC00092	SLC26A4	0.569197656	0
LINC00092	SLC5A8	0.62285664	1.58E-48
LINC00092	PKHD1L1	0.645349247	4.51E-53
LINC00092	TFCP2L1	0.61014405	0
LINC00092	WSCD2	0.638738793	1.07E-51
LINC00092	IPCEF1	0.665194161	0
LINC00092	SLC5A5	0.638317606	1.30E-51
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LINC00092	FOSB	0.309499826	4.27E-11
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LINC00092	TCEAL2	0.505123866	0
LINC00092	CHRD1	0.452089419	1.68E-23
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LINC00092	SMOC2	0.565880653	0
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LINC00092	OTOS	0.65793905	0
LINC00092	IGFBPL1	0.645623565	3.95E-53
LINC00092	HBB	0.302471512	1.21E-10
LINC00092	BEX1	0.381138782	3.27E-17
LINC00092	FABP4	0.470501206	1.45E-25
LINC00092	LMOD1	0.542053717	0
LINC00092	SOD3	0.544203258	0

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LINC00092	PAPSS2	0.612553153	0
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LINC00092	CA4	0.373445739	5.63E-16
LINC00092	TG	0.363915215	4.04E-15
LINC00092	FCGBP	0.534462735	0
LINC00092	PBX4	0.632048383	0
LINC00092	CYR61	0.338782527	4.07E-13

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LINC00092	MIOX	0.582193149	3.43E-41
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LINC00092	HKDC1	0.528409268	0
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LINC00092	CAPSL	0.450248136	2.67E-23

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LINC00092	FRAS1	0.450748191	0
LINC00092	FBLN7	0.566252833	0
LINC00092	AGPAT9	0.32643291	3.10E-12
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LINC00092	GRAMD2	0.606234735	0
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LINC00092	FBLN5	0.404320926	0
LINC00092	ITM2A	0.415654281	0
LINC00092	SRF	0.411663267	0
LINC00092	FGFR2	0.381328986	2.92E-17
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LINC00092	PKIA	0.287455499	1.01E-09
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LINC00092	EYA2	0.456510892	0
LINC00092	LPAR1	0.447310201	0
LINC00092	STX11	0.39842575	0
LINC00092	ARHGEF28	0.421345921	0
LINC00092	OR2W3	0.45034509	0
LINC00092	ALDH1B1	0.459534663	2.55E-24
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LINC00092	OLFM2	0.474565624	0
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LINC00092	RGS2	0.314339167	2.05E-11
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LINC00092	CNTFR	0.337910032	3.47E-13
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LINC00092	PLAC9	0.402687104	0
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LINC00092	PCP4	0.393595061	0
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LINC00092	IMPA2	0.455979995	0
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LINC00092	C15orf52	0.392868429	0
LINC00092	SPAG5	0.631073253	0

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LINC00092	BAX	-0.220511635	3.28E-06
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LINC00092	IGFBP2	-0.341751178	2.45E-13
LINC00092	LOXL2	-0.249758026	1.26E-07
LINC00092	GPX1	-0.302407543	1.22E-10
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LINC00092	SIGLEC6	-0.32053859	6.02E-12
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LINC00092	HES4	-0.206054034	1.41E-05
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LINC00092	ENTPD2	-0.484898317	0
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LINC00092	EDIL3	-0.324070045	4.52E-12
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LINC00092	CDH4	-0.382972878	5.25E-18
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LINC00092	XPR1	-0.40217564	0
LINC00092	SPTBN2	-0.495617658	0
LINC00092	IVL	-0.326702566	2.23E-12
LINC00092	MARCO	-0.147863649	0.001912424
LINC00092	PLXND1	-0.35699172	1.58E-14
LINC00092	EMILIN2	-0.3969071	0
LINC00092	PLAUR	-0.229181855	1.30E-06
LINC00092	CDC42EP5	-0.332894158	1.09E-12
LINC00092	TRPC5	-0.481726087	6.91E-27
LINC00092	TMEM100	-0.319186309	9.73E-12
LINC00092	QSOX1	-0.401688146	0
LINC00092	ARHGAP23	-0.495805025	0
LINC00092	MDFI	-0.2197338	3.55E-06
LINC00092	FSTL3	-0.348651696	7.33E-14
LINC00092	INF2	-0.459220265	0
LINC00092	TGFBR1	-0.448675383	0
LINC00092	TGFBI	-0.13132161	0.005889958
LINC00092	ERBB3	-0.403903358	0
LINC00092	CCL18	-0.168340818	0.000403549
LINC00092	CCL17	-0.138653956	0.003603748
LINC00092	C16orf45	-0.451169022	0
LINC00092	PRDM1	-0.410177807	0
LINC00092	TRIM47	-0.374846745	3.26E-16
LINC00092	CNFN	-0.240895758	3.54E-07

LINC00092	ARMCX3	-0.442354979	0
LINC00092	RAMP1	-0.309522519	4.25E-11
LINC00092	GABRD	-0.234702724	7.10E-07
LINC00092	COL13A1	-0.259548759	3.86E-08
LINC00092	S100A5	-0.350749751	5.03E-14
LINC00092	MISP	-0.255441865	6.38E-08
LINC00092	HES6	-0.407327306	0
LINC00092	PSD3	-0.548398091	0
LINC00092	DOK7	-0.429905366	0
LINC00092	ZMAT3	-0.468091326	0
LINC00092	MFAP2	-0.319457927	9.33E-12
LINC00092	TMEM79	-0.42175271	0
LINC00092	SLC1A5	-0.285016893	1.41E-09
LINC00092	BBC3	-0.318549744	1.07E-11
LINC00092	HLA-DQB2	-0.094845213	0.047058099
LINC00092	C1QL1	-0.419539909	0
LINC00092	TMEM215	-0.362219263	4.68E-15
LINC00092	PNP	-0.279645521	2.92E-09
LINC00092	ARNTL	-0.317773044	1.21E-11
LINC00092	CLDN2	-0.366078316	2.28E-15
LINC00092	MVP	-0.36565811	2.81E-15
LINC00092	LGALS1	-0.26426683	2.15E-08
LINC00092	BIRC7	-0.472542652	8.40E-26
LINC00092	COL8A1	-0.472901449	0
LINC00092	PERP	-0.393596479	0
LINC00092	GJA4	-0.283004649	1.86E-09
LINC00092	IGFL2	-0.285302156	1.15E-09
LINC00092	DAPK2	-0.396457476	0
LINC00092	MAMLD1	-0.406032191	0
LINC00092	ETV5	-0.578009429	0
LINC00092	RUNX1	-0.384130127	0
LINC00092	LONRF2	-0.386873683	0
LINC00092	SPOCK1	-0.340432802	3.07E-13
LINC00092	XKRX	-0.445281079	0
LINC00092	TGFB1	-0.297629618	2.43E-10
LINC00092	ERP27	-0.132054199	0.005617498
LINC00092	TNFRSF10C	-0.403951724	0
LINC00092	PALM	-0.405732064	0
LINC00092	TSC22D1	-0.447909604	0
LINC00092	TGM2	-0.251395961	1.04E-07
LINC00092	UBE2QL1	-0.416293399	0
LINC00092	ECE1	-0.513547857	0
LINC00092	COL8A2	-0.31336815	2.38E-11
LINC00092	HIST3H2A	-0.30493806	8.40E-11
LINC00092	TNFRSF21	-0.337135089	5.37E-13
LINC00092	SOX4	-0.318263233	1.12E-11
LINC00092	ELF3	-0.325510401	3.59E-12
LINC00092	TPD52L1	-0.505269249	0
LINC00092	INHBB	-0.386087338	0
LINC00092	HPN	-0.474460522	0
LINC00092	MMP7	-0.167793092	0.000414469

LINC00092	RAB27A	-0.587646128	0
LINC00092	IGF2BP2	-0.570637019	0
LINC00092	ITGB4	-0.330911133	1.50E-12
LINC00092	PPP1R1B	-0.391174185	0
LINC00092	NPDC1	-0.444416723	0
LINC00092	CCL13	-0.249356077	1.20E-07
LINC00092	SPINT1	-0.444515158	0
LINC00092	HEY2	-0.465054451	0
LINC00092	CST2	-0.213692211	6.28E-06
LINC00092	ADM	-0.482059305	0
LINC00092	VSTM2L	-0.294485089	3.80E-10
LINC00092	FAM84A	-0.344689334	1.47E-13
LINC00092	P4HA2	-0.567140734	0
LINC00092	LPL	-0.370620282	9.40E-16
LINC00092	TMEM173	-0.384821016	0
LINC00092	DHRS3	-0.466923723	0
LINC00092	SCN1B	-0.4601927	0
LINC00092	GLT1D1	-0.536194567	0
LINC00092	PHYHIP	-0.441817841	0
LINC00092	BHLHE40	-0.373861261	4.24E-16
LINC00092	BID	-0.468865189	0
LINC00092	POSTN	-0.120909914	0.011269564
LINC00092	ITGA3	-0.454528434	0
LINC00092	RSPO4	-0.363323896	4.56E-15
LINC00092	ADAMTS9	-0.454445743	0
LINC00092	ABTB2	-0.429401135	0
LINC00092	KCNQ3	-0.431368842	0
LINC00092	ANXA1	-0.487289265	0
LINC00092	S100A11	-0.330318822	1.66E-12
LINC00092	CEACAM6	-0.285963312	1.04E-09
LINC00092	IER5L	-0.421697961	0
LINC00092	KRT80	-0.382511134	1.08E-17
LINC00092	CDH6	-0.304910543	8.44E-11
LINC00092	UNC5B	-0.466118372	0
LINC00092	PLEKHN1	-0.428263176	0
LINC00092	SYTL1	-0.315866043	1.63E-11
LINC00092	TMEM163	-0.270485679	9.72E-09
LINC00092	C4orf48	-0.2773679	3.96E-09
LINC00092	B3GNT7	-0.427505198	0
LINC00092	BAIAP3	-0.475101059	0
LINC00092	PHLDA2	-0.419058939	0
LINC00092	GAP43	-0.362618139	4.34E-15
LINC00092	S100A1	-0.375009858	3.12E-16
LINC00092	PTPRE	-0.473578154	0
LINC00092	CCND1	-0.54596062	0
LINC00092	ST6GALNAC5	-0.275089198	4.61E-09
LINC00092	KRT17	-0.163773946	0.000580083
LINC00092	HPCAL4	-0.468933129	0
LINC00092	GABBR2	-0.275346012	5.16E-09
LINC00092	DIRAS3	-0.419276092	0
LINC00092	SERINC2	-0.496962558	0

LINC00092	PTCHD4	-0.355363429	2.15E-14
LINC00092	EPS8	-0.587730521	0
LINC00092	LY6E	-0.3691856	1.31E-15
LINC00092	UPP1	-0.412890158	0
LINC00092	AHNAK2	-0.431295796	0
LINC00092	PLXNC1	-0.427824616	0
LINC00092	TNC	-0.357342625	1.48E-14
LINC00092	DUSP4	-0.536713407	0
LINC00092	NRCAM	-0.53114715	0
LINC00092	NRP2	-0.418698247	0
LINC00092	CTSC	-0.342026058	2.34E-13
LINC00092	AMIGO2	-0.46909837	0
LINC00092	NAB2	-0.501737221	0
LINC00092	TBC1D2	-0.422018087	0
LINC00092	PHLDA3	-0.310150716	3.87E-11
LINC00092	PTP4A3	-0.312843494	2.58E-11
LINC00092	CRABP2	-0.289968002	7.15E-10
LINC00092	GOS2	-0.35458914	2.48E-14
LINC00092	S100A6	-0.350331615	5.42E-14
LINC00092	FOXQ1	-0.272151981	7.84E-09
LINC00092	LRG1	-0.370024283	1.08E-15
LINC00092	LAMP5	-0.17975431	0.000156485
LINC00092	ALDH3B1	-0.470339019	0
LINC00092	CDH2	-0.317192362	1.33E-11
LINC00092	SCG5	-0.374309466	3.77E-16
LINC00092	ZCCHC16	-0.46878827	2.28E-25
LINC00092	GRB7	-0.436891838	0
LINC00092	TIAM1	-0.362462661	5.43E-15
LINC00092	FXYS5	-0.351118244	4.70E-14
LINC00092	CLDN9	-0.431190411	0
LINC00092	FAM43A	-0.488833872	0
LINC00092	CHST2	-0.447319704	0
LINC00092	HMGA2	-0.531019213	0
LINC00092	GALNT7	-0.605076067	0
LINC00092	CBLN1	-0.237037505	5.47E-07
LINC00092	STRA6	-0.409090058	0
LINC00092	MUC21	-0.414637511	1.14E-19
LINC00092	PRR36	-0.45995186	0
LINC00092	NFE2L3	-0.251871257	9.81E-08
LINC00092	NR1D1	-0.310190714	3.85E-11
LINC00092	MUC1	-0.240271817	3.80E-07
LINC00092	NAT8L	-0.474609451	0
LINC00092	APOC1	-0.251396528	1.04E-07
LINC00092	EVA1A	-0.389748012	0
LINC00092	ENTPD1	-0.499598175	0
LINC00092	COL1A1	-0.179136184	0.000164968
LINC00092	FNDC4	-0.308785534	4.75E-11
LINC00092	FRMD3	-0.436916092	0
LINC00092	SHROOM4	-0.48717764	0
LINC00092	NELL2	-0.415701796	0
LINC00092	EPHB3	-0.440787111	0

LINC00092	TMC6	-0.512174448	0
LINC00092	NOD1	-0.446783276	0
LINC00092	GGCT	-0.4672725	0
LINC00092	ICAM1	-0.364211088	3.80E-15
LINC00092	PRSS23	-0.410428008	0
LINC00092	CFI	-0.307618923	5.65E-11
LINC00092	CD55	-0.39973519	0
LINC00092	RASD2	-0.417491639	0
LINC00092	KLK11	-0.309820664	3.20E-11
LINC00092	ICAM5	-0.434004743	0
LINC00092	ADORA1	-0.402212517	0
LINC00092	ITGA2	-0.365546059	2.88E-15
LINC00092	ABCC3	-0.481595639	0
LINC00092	MFGE8	-0.432454605	0
LINC00092	STK32A	-0.498482059	0
LINC00092	CYSLTR2	-0.361601143	6.45E-15
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LINC00092	MGAT3	-0.312064099	2.90E-11
LINC00092	IGFBP6	-0.336453419	6.02E-13
LINC00092	CYP2S1	-0.348483052	7.55E-14
LINC00092	KCNJ2	-0.403394163	0
LINC00092	FAM20A	-0.273409793	6.65E-09
LINC00092	TGFA	-0.589555823	0
LINC00092	MXRA8	-0.363299784	4.59E-15
LINC00092	C8orf4	-0.299786677	1.78E-10
LINC00092	CLDN10	-0.330865082	1.13E-12
LINC00092	PDE5A	-0.540955755	0
LINC00092	APOE	-0.300429341	1.62E-10
LINC00092	SPOCK2	-0.361023866	7.24E-15
LINC00092	TENM1	-0.430408746	0
LINC00092	SLIT1	-0.446768666	0
LINC00092	CXCL14	-0.11288179	0.018024851
LINC00092	ECM1	-0.313419211	2.36E-11
LINC00092	DUSP5	-0.439622061	0
LINC00092	SEZ6L2	-0.390907247	0
LINC00092	THRSP	-0.440631516	0
LINC00092	C19orf33	-0.323583685	4.88E-12
LINC00092	MPZL2	-0.472522885	0
LINC00092	CTSH	-0.522272259	0
LINC00092	CYP1B1	-0.454337663	0
LINC00092	ALOX5	-0.17778632	0.000185018
LINC00092	SYTL5	-0.488547024	1.03E-27
LINC00092	TNFRSF12A	-0.459911295	0
LINC00092	DUSP6	-0.470556172	0
LINC00092	ALOX15B	-0.307191143	6.02E-11
LINC00092	SDC4	-0.499573212	0
LINC00092	MDK	-0.283976801	1.63E-09
LINC00092	KRT19	-0.36282775	5.05E-15
LINC00092	MET	-0.546661438	0
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LINC00092	CXCL17	-0.296542589	2.32E-10

LINC00092	NPC2	-0.476873314	0
LINC00092	COMP	-0.261113223	3.18E-08
LINC00092	TUSC3	-0.47100225	0
LINC00092	TMPRSS4	-0.352426124	3.70E-14
LINC00092	LGALS3	-0.460913091	0
LINC00092	CRLF1	-0.262633575	2.63E-08
LINC00092	CTXN1	-0.321243514	7.06E-12
LINC00092	PCSK1N	-0.261524692	3.02E-08
LINC00092	NMU	-0.325683347	2.63E-12
LINC00092	GALE	-0.566595795	0
LINC00092	PCSK2	-0.235799408	6.29E-07
LINC00092	GJB3	-0.481217076	0
LINC00092	SLPI	-0.266522324	1.61E-08
LINC00092	AGR2	-0.365881787	2.68E-15
LINC00092	MRC2	-0.378217788	1.17E-16
LINC00092	GOLT1A	-0.502938724	0
LINC00092	SLC27A6	-0.30490332	6.74E-11
LINC00092	KCNN4	-0.348800058	7.14E-14
LINC00092	ETV4	-0.461502369	1.53E-24
LINC00092	SYT12	-0.476621127	0
LINC00092	PVRL4	-0.428597202	0
LINC00092	PLCD3	-0.516926418	0
LINC00092	PLAU	-0.334328841	8.57E-13
LINC00092	LRRK2	-0.574400951	0
LINC00092	SFN	-0.260527861	3.42E-08
LINC00092	LPAR5	-0.496778595	0
LINC00092	NGEF	-0.367095913	2.07E-15
LINC00092	DTX4	-0.373184556	5.04E-16
LINC00092	CST6	-0.330035715	1.73E-12
LINC00092	QPCT	-0.458738444	0
LINC00092	TIMP1	-0.422988537	0
LINC00092	CAMK2N1	-0.501951821	0
LINC00092	KLHDC8A	-0.301544039	1.38E-10
LINC00092	PDLIM4	-0.412494291	0
LINC00092	SCEL	-0.472218645	0
LINC00092	LCN2	-0.339553128	3.57E-13
LINC00092	PROS1	-0.515077287	0
LINC00092	GABRB2	-0.4715157	0
LINC00092	TMPRSS6	-0.312900087	2.56E-11
LINC00092	KLK7	-0.352996301	2.50E-14
LINC00092	PDZK1IP1	-0.327589166	2.58E-12
LINC00092	CDH3	-0.472300059	0
LINC00092	LRP4	-0.533216129	0
LINC00092	IGSF1	-0.289412993	7.73E-10
LINC00092	B3GNT3	-0.387030129	0
LINC00092	CLDN1	-0.501067892	0
LINC00092	GDF15	-0.443241461	0
LINC00092	ARHGAP36	-0.256011721	5.34E-08
LINC00092	LAMB3	-0.422721174	0
LINC00092	KLK10	-0.32707217	2.80E-12
LINC00092	DPP4	-0.45880142	0

LINC00092	METTL7B	-0.59122326	0
LINC00092	LIPH	-0.502815325	0
LINC00092	CLDN16	-0.505988931	0
LINC00092	CHI3L1	-0.37883407	9.36E-17
LINC00092	SLC22A31	-0.370647221	9.62E-16
LINC00092	TACSTD2	-0.371180539	8.24E-16
LINC00092	SFTPB	-0.181236508	0.00013778
LINC00092	RXRG	-0.444749615	0
LINC00092	DCSTAMP	-0.4127277	1.74E-19
LINC00092	CITED1	-0.460544456	0
LINC00092	SERPINA1	-0.423252637	0
LINC00092	PRR15	-0.457581195	0
LINC00092	SLC34A2	-0.420009815	0
LINC00092	FN1	-0.432821254	0
LINC00092	ZCCHC12	-0.462209198	0
RP11-423H2.3	TFF3	0.681839174	0
RP11-423H2.3	CCL21	0.396299326	5.83E-18
RP11-423H2.3	TPO	0.72380566	0
RP11-423H2.3	MT1G	0.698931825	0
RP11-423H2.3	DIO1	0.634083037	0
RP11-423H2.3	DPT	0.322162024	4.64E-12
RP11-423H2.3	CDH16	0.633410162	0
RP11-423H2.3	CRABP1	0.583873958	1.79E-41
RP11-423H2.3	SLC26A7	0.674569453	0
RP11-423H2.3	MT1H	0.662379497	8.92E-57
RP11-423H2.3	SLC26A4	0.63680475	0
RP11-423H2.3	SLC5A8	0.66225046	9.53E-57
RP11-423H2.3	PKHD1L1	0.636949224	2.49E-51
RP11-423H2.3	TFCP2L1	0.688055753	0
RP11-423H2.3	WSCD2	0.635740072	4.38E-51
RP11-423H2.3	IPCEF1	0.564619437	0
RP11-423H2.3	SLC5A5	0.558056171	2.66E-37
RP11-423H2.3	MT1F	0.736785602	0
RP11-423H2.3	FOSB	0.40373599	0
RP11-423H2.3	SEMA3D	0.59243613	6.10E-43
RP11-423H2.3	BMP8A	0.517719287	0
RP11-423H2.3	MATN2	0.651192708	0
RP11-423H2.3	PLA2R1	0.535815294	0
RP11-423H2.3	COL23A1	0.645638508	0
RP11-423H2.3	HGD	0.698777931	0
RP11-423H2.3	TCEAL2	0.468321953	0
RP11-423H2.3	CHRDL1	0.280164867	2.32E-09
RP11-423H2.3	TNFRSF11B	0.51788935	0
RP11-423H2.3	FAM167A	0.605300879	0
RP11-423H2.3	KIT	0.50972563	0
RP11-423H2.3	SLC4A4	0.67128564	0
RP11-423H2.3	SMOC2	0.369375945	1.25E-15
RP11-423H2.3	FHL1	0.631571953	0
RP11-423H2.3	OTOS	0.67547948	0
RP11-423H2.3	IGFBPL1	0.604475189	4.43E-45
RP11-423H2.3	HBB	0.36347084	4.43E-15

RP11-423H2.3	BEX1	0.464726808	0
RP11-423H2.3	FABP4	0.525980524	1.33E-32
RP11-423H2.3	LMOD1	0.552067702	0
RP11-423H2.3	SOD3	0.682676438	0
RP11-423H2.3	TMEM171	0.660835789	0
RP11-423H2.3	PI16	0.336328461	6.15E-13
RP11-423H2.3	ZMAT4	0.667500968	6.14E-58
RP11-423H2.3	MFAP4	0.184202748	0.000106478
RP11-423H2.3	CWH43	0.654752064	4.35E-55
RP11-423H2.3	SPX	0.640786969	0
RP11-423H2.3	APOD	0.196832919	3.40E-05
RP11-423H2.3	DPP6	0.580996661	0
RP11-423H2.3	MMRN1	0.38229901	1.37E-17
RP11-423H2.3	WDR72	0.544791741	0
RP11-423H2.3	MPPED2	0.664731204	0
RP11-423H2.3	PAPSS2	0.458563133	0
RP11-423H2.3	DCN	0.121695691	0.010747895
RP11-423H2.3	SORBS2	0.583153295	0
RP11-423H2.3	EGR2	0.31738441	1.29E-11
RP11-423H2.3	EDN3	0.493038291	2.86E-28
RP11-423H2.3	DI02	0.540550385	0
RP11-423H2.3	ITPR1	0.574254859	0
RP11-423H2.3	CFD	0.343234085	1.90E-13
RP11-423H2.3	CPXM1	0.386544762	0
RP11-423H2.3	ELM01	0.614594899	0
RP11-423H2.3	GPC3	0.493301759	2.66E-28
RP11-423H2.3	MYOC	0.213567724	6.36E-06
RP11-423H2.3	DEPTOR	0.615067217	0
RP11-423H2.3	DGKI	0.581807544	0
RP11-423H2.3	CARTPT	0.548533721	7.47E-36
RP11-423H2.3	IYD	0.562568897	0
RP11-423H2.3	LYVE1	0.371334716	7.94E-16
RP11-423H2.3	CLCNKB	0.64370229	0
RP11-423H2.3	NCAM1	0.541626361	0
RP11-423H2.3	HBA2	0.371132172	8.34E-16
RP11-423H2.3	GLT8D2	0.452070113	0
RP11-423H2.3	OGDHL	0.654276531	0
RP11-423H2.3	LIFR	0.533193435	0
RP11-423H2.3	CSGALNACT1	0.449991348	0
RP11-423H2.3	RAP1GAP	0.613838907	0
RP11-423H2.3	COL9A3	0.58646661	0
RP11-423H2.3	FBLN1	0.189365052	6.74E-05
RP11-423H2.3	EFEMP1	0.461682983	0
RP11-423H2.3	AOX1	0.481293614	7.79E-27
RP11-423H2.3	GRIN2C	0.641546649	0
RP11-423H2.3	C11orf74	0.669323323	0
RP11-423H2.3	PPARGC1A	0.709490039	0
RP11-423H2.3	ANGPTL1	0.44788223	0
RP11-423H2.3	SCARA5	0.257585937	4.39E-08
RP11-423H2.3	LTF	0.526196325	0
RP11-423H2.3	CA4	0.560576214	1.08E-37

RP11-423H2.3	TG	0.548677652	0
RP11-423H2.3	FCGBP	0.679312913	0
RP11-423H2.3	PBX4	0.657696083	0
RP11-423H2.3	CYR61	0.43495108	0
RP11-423H2.3	FOS	0.415936536	0
RP11-423H2.3	KHDRBS2	0.637920866	0
RP11-423H2.3	MUM1L1	0.509614146	0
RP11-423H2.3	RGS16	0.568715551	0
RP11-423H2.3	MT1M	0.643156358	0
RP11-423H2.3	LRP2	0.5927056	0
RP11-423H2.3	MAFB	0.509787046	0
RP11-423H2.3	KCNK2	0.534833781	0
RP11-423H2.3	TBC1D4	0.476300576	0
RP11-423H2.3	MIOX	0.682542497	1.73E-61
RP11-423H2.3	TPPP	0.611145562	0
RP11-423H2.3	FMOD	0.504544036	0
RP11-423H2.3	CITED2	0.547836842	0
RP11-423H2.3	RGS8	0.563027432	4.46E-38
RP11-423H2.3	ABI3BP	0.389151587	0
RP11-423H2.3	ADH1B	0.347743778	6.35E-14
RP11-423H2.3	OGN	0.213012382	6.73E-06
RP11-423H2.3	NR4A1	0.364223428	3.80E-15
RP11-423H2.3	FOXJ1	0.58087214	5.72E-41
RP11-423H2.3	ALDH1A1	0.534428411	0
RP11-423H2.3	OCA2	0.484712819	3.02E-27
RP11-423H2.3	TMEM139	0.414269383	0
RP11-423H2.3	ARHGAP24	0.594256305	0
RP11-423H2.3	SLC25A15	0.594079009	0
RP11-423H2.3	DES	0.290736415	5.34E-10
RP11-423H2.3	GDF10	0.415437228	9.56E-20
RP11-423H2.3	KIAA1324	0.437223595	0
RP11-423H2.3	JUN	0.441229501	0
RP11-423H2.3	C7	0.090065869	0.059376804
RP11-423H2.3	LGI3	0.729552334	0
RP11-423H2.3	CDON	0.605849505	0
RP11-423H2.3	BCL2	0.576778992	0
RP11-423H2.3	HLF	0.625151695	0
RP11-423H2.3	EGR1	0.377108764	1.69E-16
RP11-423H2.3	IP6K3	0.667762689	0
RP11-423H2.3	SCUBE3	0.463873515	0
RP11-423H2.3	PKNOX2	0.470063146	0
RP11-423H2.3	SMAD9	0.488108233	0
RP11-423H2.3	IQGAP2	0.659599679	0
RP11-423H2.3	GNA14	0.678099496	0
RP11-423H2.3	LAYN	0.474816534	0
RP11-423H2.3	AVPR1A	0.519863014	0
RP11-423H2.3	PDLIM3	0.502849933	0
RP11-423H2.3	GPM6A	0.62783497	0
RP11-423H2.3	SDPR	0.423381567	0
RP11-423H2.3	CRYAB	0.442392849	0
RP11-423H2.3	FOXA2	0.514559327	4.79E-31

RP11-423H2.3	C8orf88	0.425259633	0
RP11-423H2.3	ISM1	0.430946025	0
RP11-423H2.3	BMP2	0.432347234	0
RP11-423H2.3	ID4	0.576540848	0
RP11-423H2.3	NUPR1	0.532047532	0
RP11-423H2.3	SERTM1	0.606828246	1.65E-45
RP11-423H2.3	IRS1	0.453539262	0
RP11-423H2.3	FIBIN	0.285791324	1.27E-09
RP11-423H2.3	PODN	0.187615207	7.88E-05
RP11-423H2.3	TDRD9	0.541176738	0
RP11-423H2.3	EPHA3	0.283094007	1.84E-09
RP11-423H2.3	AIF1L	0.549539029	0
RP11-423H2.3	EBF4	0.698249021	0
RP11-423H2.3	ADM2	0.680215848	0
RP11-423H2.3	GSTM3	0.614074357	0
RP11-423H2.3	HSD17B6	0.502089545	0
RP11-423H2.3	AGR3	0.469431424	1.93E-25
RP11-423H2.3	EPHB1	0.484761302	0
RP11-423H2.3	TMOD1	0.372214957	6.42E-16
RP11-423H2.3	WASF3	0.594693306	0
RP11-423H2.3	SELV	0.684181304	6.89E-62
RP11-423H2.3	ENPP1	0.42603761	0
RP11-423H2.3	SYNE1	0.537973081	2.67E-34
RP11-423H2.3	PLCH1	0.464751345	0
RP11-423H2.3	CCDC146	0.590743992	0
RP11-423H2.3	SLC16A2	0.461890916	0
RP11-423H2.3	IER2	0.558667525	0
RP11-423H2.3	KCNAB1	0.486419662	0
RP11-423H2.3	SYNDIG1	0.48850481	0
RP11-423H2.3	C16orf89	0.666204609	0
RP11-423H2.3	CTGF	0.303794285	9.94E-11
RP11-423H2.3	NR4A3	0.221646616	2.91E-06
RP11-423H2.3	KIAA1456	0.656399833	0
RP11-423H2.3	AQP4	0.470777154	0
RP11-423H2.3	RNF150	0.527105643	0
RP11-423H2.3	C1S	0.0457012	0.3392807
RP11-423H2.3	PFKFB2	0.573667227	0
RP11-423H2.3	PROX1	0.48925527	0
RP11-423H2.3	TCF7L1	0.596637467	0
RP11-423H2.3	HSPB6	0.312795979	2.60E-11
RP11-423H2.3	FHDC1	0.467291648	0
RP11-423H2.3	PRR15L	0.50459141	0
RP11-423H2.3	SLC1A1	0.48243957	0
RP11-423H2.3	BTBD11	0.570841832	0
RP11-423H2.3	TRIM58	0.483304068	0
RP11-423H2.3	LRIG1	0.535816996	0
RP11-423H2.3	ROR2	0.396301739	0
RP11-423H2.3	GPR125	0.559024104	0
RP11-423H2.3	FLRT1	0.637777469	0
RP11-423H2.3	PGF	0.66442824	0
RP11-423H2.3	DUSP1	0.389485897	0

RP11-423H2.3	PLA2G7	0.403685922	0
RP11-423H2.3	PLSCR4	0.354299367	2.62E-14
RP11-423H2.3	FAM46B	0.607589421	0
RP11-423H2.3	GLDC	0.600201409	0
RP11-423H2.3	ZBTB16	0.421629311	0
RP11-423H2.3	OMD	0.134518413	0.004753497
RP11-423H2.3	HSD11B2	0.488163266	0
RP11-423H2.3	FGL2	0.134737332	0.004713775
RP11-423H2.3	CLCNKA	0.667882282	5.02E-58
RP11-423H2.3	GATM	0.511551358	0
RP11-423H2.3	TNS3	0.386403493	0
RP11-423H2.3	TOB1	0.434122326	0
RP11-423H2.3	MARC2	0.68743706	0
RP11-423H2.3	LRRC2	0.640920722	0
RP11-423H2.3	SORD	0.349684838	6.09E-14
RP11-423H2.3	RIMS4	0.44008913	0
RP11-423H2.3	SLC29A4	0.663918052	0
RP11-423H2.3	SLC39A14	0.537627405	0
RP11-423H2.3	FAXDC2	0.576135335	0
RP11-423H2.3	HSPB8	0.488491903	0
RP11-423H2.3	CCL19	0.024392437	0.610263743
RP11-423H2.3	KCNIP3	0.666076671	0
RP11-423H2.3	CGNL1	0.516859329	0
RP11-423H2.3	ATF3	0.216554237	4.93E-06
RP11-423H2.3	SGCD	0.4083969	0
RP11-423H2.3	STARD13	0.541143973	0
RP11-423H2.3	LDHD	0.646629666	0
RP11-423H2.3	RCAN1	0.449661293	0
RP11-423H2.3	ID3	0.594801953	0
RP11-423H2.3	SYTL3	0.647496149	0
RP11-423H2.3	MT1E	0.58185591	0
RP11-423H2.3	CAMK1D	0.504183628	0
RP11-423H2.3	PRKCQ	0.545282213	0
RP11-423H2.3	NUAK2	0.455610935	0
RP11-423H2.3	LIPG	0.477468037	0
RP11-423H2.3	SLC25A25	0.411680004	0
RP11-423H2.3	PRKX	0.24803201	1.55E-07
RP11-423H2.3	SRPX	0.171699805	0.000307205
RP11-423H2.3	FAM189A1	0.483527036	0
RP11-423H2.3	PLEKHH1	0.557658354	0
RP11-423H2.3	WNT11	0.50062153	0
RP11-423H2.3	SNAI1	0.418256708	0
RP11-423H2.3	FDCSP	0.056619613	0.236460486
RP11-423H2.3	MT1X	0.518777818	0
RP11-423H2.3	ACACB	0.639812832	0
RP11-423H2.3	ARC	0.184097646	0.000107462
RP11-423H2.3	KLK4	0.350152937	4.15E-14
RP11-423H2.3	ZFPM2	0.220345685	3.33E-06
RP11-423H2.3	AKAP12	0.271438257	8.60E-09
RP11-423H2.3	GJB6	0.461146904	1.68E-24
RP11-423H2.3	ERO1LB	0.590137639	0

RP11-423H2.3	DNALI1	0.532151357	0
RP11-423H2.3	HKDC1	0.415817677	0
RP11-423H2.3	ZFP36L2	0.483685609	0
RP11-423H2.3	CAPSL	0.496405116	1.09E-28
RP11-423H2.3	CYP7B1	0.4001251	0
RP11-423H2.3	CPQ	0.476208665	0
RP11-423H2.3	RPS6KA6	0.520871636	6.73E-32
RP11-423H2.3	TLE1	0.550512741	0
RP11-423H2.3	TP53INP2	0.600864923	0
RP11-423H2.3	KATNAL2	0.678927967	0
RP11-423H2.3	SGPP2	0.20558895	1.48E-05
RP11-423H2.3	CTH	0.535915573	0
RP11-423H2.3	KIF12	0.527078694	0
RP11-423H2.3	TMEM220	0.579868347	0
RP11-423H2.3	CENPJ	0.55866554	0
RP11-423H2.3	FAM155B	0.365218841	3.09E-15
RP11-423H2.3	WFS1	0.642500645	0
RP11-423H2.3	SELENBP1	0.475693513	0
RP11-423H2.3	SNTA1	0.684268418	0
RP11-423H2.3	FRAS1	0.332215184	1.21E-12
RP11-423H2.3	FBLN7	0.660772956	0
RP11-423H2.3	AGPAT9	0.516517501	0
RP11-423H2.3	GPR83	0.452331944	0
RP11-423H2.3	PRTG	0.491873583	0
RP11-423H2.3	EGR3	0.13813348	0.003758875
RP11-423H2.3	GRAMD2	0.545147043	0
RP11-423H2.3	HYOU1	0.500087514	0
RP11-423H2.3	FBLN5	0.296771361	2.74E-10
RP11-423H2.3	ITM2A	0.481166724	0
RP11-423H2.3	SRF	0.476814593	0
RP11-423H2.3	FGFR2	0.367175909	2.04E-15
RP11-423H2.3	MT1A	0.357897291	1.03E-14
RP11-423H2.3	MAMDC2	0.262121685	2.81E-08
RP11-423H2.3	FHL2	0.395306467	0
RP11-423H2.3	FTCDNL1	0.561621567	0
RP11-423H2.3	PKIA	0.254109305	7.50E-08
RP11-423H2.3	DNAJB4	0.383067767	4.19E-18
RP11-423H2.3	SLC25A33	0.654852532	0
RP11-423H2.3	EYA2	0.437415642	0
RP11-423H2.3	LPAR1	0.2970739	2.63E-10
RP11-423H2.3	STX11	0.425536215	0
RP11-423H2.3	ARHGEF28	0.589255412	0
RP11-423H2.3	OR2W3	0.55130944	0
RP11-423H2.3	ALDH1B1	0.49910999	4.94E-29
RP11-423H2.3	CXCL12	0.169461898	0.000368637
RP11-423H2.3	OLFM2	0.396503431	0
RP11-423H2.3	TUB	0.408822979	0
RP11-423H2.3	HTRA3	0.29677278	2.74E-10
RP11-423H2.3	CKB	0.684174522	0
RP11-423H2.3	RGS2	0.144176309	0.002482377
RP11-423H2.3	SHANK2	0.560721185	0

RP11-423H2.3	CNTRF	0.479510181	1.27E-26
RP11-423H2.3	CYTH3	0.463233688	0
RP11-423H2.3	PLAC9	0.384671236	0
RP11-423H2.3	WVOX	0.574963051	0
RP11-423H2.3	NPR3	0.416182907	0
RP11-423H2.3	SDC2	0.356647055	1.69E-14
RP11-423H2.3	KLF15	0.542911689	0
RP11-423H2.3	TMEM164	0.511269244	0
RP11-423H2.3	LONRF3	0.168507334	0.000398175
RP11-423H2.3	GBP1	0.186372856	8.80E-05
RP11-423H2.3	ARHGAP6	0.492749995	0
RP11-423H2.3	TMEM119	0.117052511	0.014169224
RP11-423H2.3	SH3RF1	0.402337192	0
RP11-423H2.3	CRELD2	0.590378336	0
RP11-423H2.3	PCP4	0.175183892	0.000230277
RP11-423H2.3	GCSH	0.630790004	0
RP11-423H2.3	IMPA2	0.562004244	0
RP11-423H2.3	C1R	0.036407748	0.446564038
RP11-423H2.3	SUCNR1	0.271324078	8.72E-09
RP11-423H2.3	SFRP1	0.349181458	6.67E-14
RP11-423H2.3	UGT8	0.595902042	0
RP11-423H2.3	TLE4	0.168990715	0.000382952
RP11-423H2.3	ANTXR1	0.260703739	3.35E-08
RP11-423H2.3	GPX3	0.488726076	0
RP11-423H2.3	DPY19L2	0.644265525	0
RP11-423H2.3	FAM46C	0.373243844	4.97E-16
RP11-423H2.3	IL33	0.244000369	2.26E-07
RP11-423H2.3	PEG3	0.467331505	0
RP11-423H2.3	FAHD2A	0.750544371	0
RP11-423H2.3	PTGDS	0.106470894	0.025735247
RP11-423H2.3	CHCHD10	0.619094398	0
RP11-423H2.3	CD36	0.49779117	0
RP11-423H2.3	ANKRD37	0.529373477	0
RP11-423H2.3	TSPAN33	0.526767078	0
RP11-423H2.3	PRDM16	0.466567144	0
RP11-423H2.3	UST	0.46493857	0
RP11-423H2.3	NEXN	0.511346829	0
RP11-423H2.3	NUPR1L	0.28681088	9.28E-10
RP11-423H2.3	SLC24A3	0.576203417	0
RP11-423H2.3	MARC1	0.510952096	0
RP11-423H2.3	MYH11	0.294649762	3.71E-10
RP11-423H2.3	APOA1	0.573786036	8.45E-40
RP11-423H2.3	TMEM178B	0.473196612	0
RP11-423H2.3	CAPN6	0.244087834	2.24E-07
RP11-423H2.3	PPM1L	0.525217224	0
RP11-423H2.3	FZD8	0.628678475	0
RP11-423H2.3	RCAN2	0.518254155	0
RP11-423H2.3	COPZ2	0.656764922	0
RP11-423H2.3	GAS1	0.247751314	1.60E-07
RP11-423H2.3	DACT1	0.430710434	0
RP11-423H2.3	WBSCR17	0.494383391	0

RP11-423H2.3	NCS1	0.506245514	0
RP11-423H2.3	SPIRE2	0.615442943	0
RP11-423H2.3	C15orf52	0.545263633	0
RP11-423H2.3	SPAG5	0.54345989	0
RP11-423H2.3	ARL4D	0.508871629	0
RP11-423H2.3	FAM189A2	0.40632778	0
RP11-423H2.3	MAP1LC3A	0.657937631	0
RP11-423H2.3	KLF6	0.132850756	0.005334162
RP11-423H2.3	ADD3	0.229707078	1.23E-06
RP11-423H2.3	TSPAN7	0.388155039	0
RP11-423H2.3	KLF9	0.315468899	1.73E-11
RP11-423H2.3	KCNQ1	0.620033502	0
RP11-423H2.3	MAN1A1	0.115766474	0.015272384
RP11-423H2.3	MLF1	0.342847863	2.03E-13
RP11-423H2.3	RARB	0.520142858	0
RP11-423H2.3	CDC42EP2	0.491064119	0
RP11-423H2.3	FAM3B	0.324805754	4.02E-12
RP11-423H2.3	GADD45B	0.359538547	9.69E-15
RP11-423H2.3	TMEM47	0.372149428	6.53E-16
RP11-423H2.3	SDF2L1	0.543540879	0
RP11-423H2.3	CCDC85A	0.313042492	2.50E-11
RP11-423H2.3	CRYBG3	0.181005881	0.000140546
RP11-423H2.3	FBLN2	0.092617235	0.052504411
RP11-423H2.3	PEBP4	0.365386918	2.98E-15
RP11-423H2.3	CDADC1	0.58372192	0
RP11-423H2.3	FAM63A	0.44170423	0
RP11-423H2.3	GLUL	0.40862157	0
RP11-423H2.3	FREM2	0.560925147	0
RP11-423H2.3	ACKR3	0.42453059	0
RP11-423H2.3	DENND6A	0.551730555	0
RP11-423H2.3	CLDN8	0.299039337	1.98E-10
RP11-423H2.3	UTS2R	0.268383379	1.11E-08
RP11-423H2.3	SCNN1B	0.454800903	0
RP11-423H2.3	TTC30A	0.514916018	0
RP11-423H2.3	CORO2B	0.478393524	0
RP11-423H2.3	TC2N	0.393695623	0
RP11-423H2.3	ALDH2	0.562277706	0
RP11-423H2.3	GPR183	0.093817178	0.049509218
RP11-423H2.3	C4orf47	0.467489369	0
RP11-423H2.3	SLC25A42	0.595030452	0
RP11-423H2.3	LGMN	0.57117756	0
RP11-423H2.3	ACSF2	0.677090892	0
RP11-423H2.3	KIAA1467	0.530114292	0
RP11-423H2.3	PRKG1	0.487761583	0
RP11-423H2.3	GNAI1	0.568128629	0
RP11-423H2.3	ABCC4	0.289705887	7.42E-10
RP11-423H2.3	PRPS1	0.535594454	0
RP11-423H2.3	TSPAN5	0.420253066	0
RP11-423H2.3	CR2	0.192965757	4.70E-05
RP11-423H2.3	CCDC170	0.468139267	0
RP11-423H2.3	RRAD	0.157517652	0.000939561

RP11-423H2.3	SCGB2A1	0.547167371	0
RP11-423H2.3	SESN3	0.164933181	0.000529499
RP11-423H2.3	SGK223	0.201815232	2.12E-05
RP11-423H2.3	NDRG2	0.600083258	0
RP11-423H2.3	C3orf52	0.476557726	0
RP11-423H2.3	FLRT3	-0.275866412	4.82E-09
RP11-423H2.3	MST1R	-0.593735763	0
RP11-423H2.3	SDC1	-0.107485313	0.024352247
RP11-423H2.3	ST8SIA4	-0.519825711	0
RP11-423H2.3	UBTD1	-0.334075236	8.94E-13
RP11-423H2.3	EPHA2	-0.330374422	1.64E-12
RP11-423H2.3	TMEM130	-0.477400097	0
RP11-423H2.3	SPINK2	-0.339679647	3.49E-13
RP11-423H2.3	MMP16	-0.479366385	0
RP11-423H2.3	SIGLEC15	-0.521609454	0
RP11-423H2.3	RIN1	-0.565320112	0
RP11-423H2.3	IL1RN	-0.362048639	5.90E-15
RP11-423H2.3	FCER1G	-0.318676972	1.05E-11
RP11-423H2.3	CD276	-0.656210906	0
RP11-423H2.3	CTSB	-0.407391842	0
RP11-423H2.3	FAM171A2	-0.345291433	1.33E-13
RP11-423H2.3	ASPHD1	-0.480491437	0
RP11-423H2.3	C15orf48	-0.30144603	1.40E-10
RP11-423H2.3	DYSF	-0.33567445	6.85E-13
RP11-423H2.3	PDZRN4	-0.36720456	2.02E-15
RP11-423H2.3	EFHD2	-0.283126913	1.83E-09
RP11-423H2.3	ASF1B	-0.257596371	4.91E-08
RP11-423H2.3	AQP1	-0.199469671	2.65E-05
RP11-423H2.3	ARRDC2	-0.388714729	0
RP11-423H2.3	PRSS1	-0.54694005	1.29E-35
RP11-423H2.3	MAPK13	-0.546632503	0
RP11-423H2.3	CST5	-0.458301259	3.49E-24
RP11-423H2.3	AHR	-0.503072618	0
RP11-423H2.3	BAX	-0.257457229	4.99E-08
RP11-423H2.3	C1orf115	-0.368084518	1.67E-15
RP11-423H2.3	PLK3	-0.336077835	6.41E-13
RP11-423H2.3	JAG2	-0.169918188	0.000355251
RP11-423H2.3	RAD23B	-0.629203272	0
RP11-423H2.3	CA12	0.013670972	0.775070792
RP11-423H2.3	ADTRP	-0.451169022	0
RP11-423H2.3	UCP2	-0.338101567	4.56E-13
RP11-423H2.3	IGFBP2	-0.148739635	0.001795969
RP11-423H2.3	LOXL2	-0.323833461	4.69E-12
RP11-423H2.3	GPX1	-0.235672039	6.38E-07
RP11-423H2.3	P3H3	-0.419731105	0
RP11-423H2.3	C2orf81	-0.509980653	0
RP11-423H2.3	CDT1	-0.276393904	4.50E-09
RP11-423H2.3	SNX25	-0.379298162	7.83E-17
RP11-423H2.3	MTHFD1L	-0.402131103	0
RP11-423H2.3	CDC42BPG	-0.503619134	1.31E-29
RP11-423H2.3	MSN	-0.582182561	0

RP11-423H2.3	SIGLEC6	-0.494191658	2.06E-28
RP11-423H2.3	F2R	-0.169710113	0.000361298
RP11-423H2.3	TMEM184A	-0.41872704	0
RP11-423H2.3	CKS2	-0.106626347	0.025519012
RP11-423H2.3	TAX1BP3	-0.437651943	0
RP11-423H2.3	PMEPA1	-0.527458534	0
RP11-423H2.3	CXCL16	-0.506105521	0
RP11-423H2.3	FAXC	-0.544675292	0
RP11-423H2.3	VTCN1	-0.409644017	3.41E-19
RP11-423H2.3	SH2D4A	-0.52512432	0
RP11-423H2.3	RNF24	-0.556647055	0
RP11-423H2.3	LY6G6C	-0.464132107	7.76E-25
RP11-423H2.3	NID1	-0.386142229	0
RP11-423H2.3	STAC	-0.638843091	0
RP11-423H2.3	RAB34	-0.55438064	0
RP11-423H2.3	HES4	-0.132418011	0.005486451
RP11-423H2.3	EPHA10	-0.653036733	0
RP11-423H2.3	ENTPD2	-0.585747496	0
RP11-423H2.3	DDB2	-0.440293801	0
RP11-423H2.3	NKAIN4	-0.212371035	7.54E-06
RP11-423H2.3	TRIM29	-0.374035578	4.05E-16
RP11-423H2.3	ADCY8	-0.668670018	3.31E-58
RP11-423H2.3	SFTA2	-0.195491423	3.85E-05
RP11-423H2.3	NRIP1	-0.690179339	0
RP11-423H2.3	VWA1	-0.14825285	0.001859854
RP11-423H2.3	APLNR	-0.201848138	2.12E-05
RP11-423H2.3	REN	-0.536829101	3.90E-34
RP11-423H2.3	EDIL3	-0.284078215	1.61E-09
RP11-423H2.3	AGRN	-0.42660666	0
RP11-423H2.3	TREM1	-0.443290395	0
RP11-423H2.3	SRL	-0.272502035	7.49E-09
RP11-423H2.3	RASGRF1	-0.624034586	0
RP11-423H2.3	RMI2	-0.478691808	0
RP11-423H2.3	SAMD1	-0.413781605	0
RP11-423H2.3	MGAT4B	-0.577035859	0
RP11-423H2.3	NXN	-0.473222994	0
RP11-423H2.3	SH3BGRL3	-0.428585288	0
RP11-423H2.3	CA11	-0.447554019	0
RP11-423H2.3	PLD3	-0.347874854	8.42E-14
RP11-423H2.3	LURAP1L	-0.394508775	0
RP11-423H2.3	CARNS1	-0.276519005	4.43E-09
RP11-423H2.3	PDLIM7	-0.466883016	0
RP11-423H2.3	BCL2L1	-0.495127895	0
RP11-423H2.3	GGT6	-0.210351274	9.23E-06
RP11-423H2.3	DPYSL3	-0.408895316	0
RP11-423H2.3	FYN	-0.557554246	0
RP11-423H2.3	TK1	-0.20205366	2.07E-05
RP11-423H2.3	AK1	-0.190528258	6.06E-05
RP11-423H2.3	HIGD1B	-0.103930023	0.029500084
RP11-423H2.3	TMEM59L	-0.375321048	2.86E-16
RP11-423H2.3	MEGF9	-0.497772306	0

RP11-423H2.3	ZFP36L1	-0.492423911	0
RP11-423H2.3	ADRA1B	-0.405192374	0
RP11-423H2.3	EPHA4	-0.501277669	0
RP11-423H2.3	TCERG1L	-0.230383925	1.14E-06
RP11-423H2.3	NGFR	-0.405752205	0
RP11-423H2.3	EBI3	-0.465751155	0
RP11-423H2.3	S100A10	-0.427891705	0
RP11-423H2.3	S100B	-0.426402273	0
RP11-423H2.3	CD44	-0.461371366	0
RP11-423H2.3	BHLHE41	-0.577196277	0
RP11-423H2.3	FBXO2	-0.448295685	0
RP11-423H2.3	SLC30A2	-0.112832005	0.018075931
RP11-423H2.3	FRMD5	-0.465560952	0
RP11-423H2.3	SAMD11	-0.302053518	1.28E-10
RP11-423H2.3	SIPA1L2	-0.605201309	0
RP11-423H2.3	S100A16	-0.450533591	0
RP11-423H2.3	PPL	-0.548308167	0
RP11-423H2.3	ARHGDIB	-0.182607931	0.000122364
RP11-423H2.3	CDC42EP3	-0.44925422	0
RP11-423H2.3	RUNX2	-0.686343779	0
RP11-423H2.3	LAMC2	-0.482648922	0
RP11-423H2.3	BRINP1	-0.605800855	0
RP11-423H2.3	GPRC5B	-0.565093173	0
RP11-423H2.3	AQP5	-0.205571504	1.48E-05
RP11-423H2.3	PLAG1	-0.528480754	0
RP11-423H2.3	PTPRU	-0.483449734	0
RP11-423H2.3	ANGPTL4	-0.326687082	2.98E-12
RP11-423H2.3	PALM3	-0.361312362	6.84E-15
RP11-423H2.3	ACP5	-0.347309917	9.30E-14
RP11-423H2.3	DLG4	-0.472049717	0
RP11-423H2.3	ETNK2	-0.580410448	0
RP11-423H2.3	CD109	-0.55190544	0
RP11-423H2.3	SNX22	-0.360957486	7.33E-15
RP11-423H2.3	TMEM98	-0.602395913	0
RP11-423H2.3	CTHRC1	-0.404163345	0
RP11-423H2.3	S100A2	-0.267960552	1.34E-08
RP11-423H2.3	C11orf80	-0.565629033	0
RP11-423H2.3	SREBF1	-0.437659602	0
RP11-423H2.3	PRSS22	-0.46877952	0
RP11-423H2.3	CMTM3	-0.492653404	0
RP11-423H2.3	RDH5	-0.532771469	0
RP11-423H2.3	MYH10	-0.618280679	0
RP11-423H2.3	EVPL	-0.447447073	0
RP11-423H2.3	SCD	-0.48273062	0
RP11-423H2.3	CD151	-0.472330412	0
RP11-423H2.3	S100A4	-0.373255191	4.95E-16
RP11-423H2.3	BNIP1	-0.442774391	0
RP11-423H2.3	MAP3K6	-0.449088413	0
RP11-423H2.3	MANEAL	-0.4043405	0
RP11-423H2.3	CD207	-0.450752624	2.35E-23
RP11-423H2.3	CD1A	-0.454752651	8.61E-24

RP11-423H2.3	C3	-0.474568177	0
RP11-423H2.3	NT5E	-0.493791363	0
RP11-423H2.3	CACNG4	-0.512445437	9.17E-31
RP11-423H2.3	FHOD1	-0.371885753	6.96E-16
RP11-423H2.3	LEMD1	-0.645454262	0
RP11-423H2.3	ATP11A	-0.41306093	0
RP11-423H2.3	PPAP2C	-0.408152515	0
RP11-423H2.3	DRAM1	-0.541500977	0
RP11-423H2.3	CDA	-0.188115892	7.53E-05
RP11-423H2.3	CCND2	-0.428478627	0
RP11-423H2.3	LCN6	-0.352915333	2.54E-14
RP11-423H2.3	CDH4	-0.479505386	0
RP11-423H2.3	MMP11	-0.458570225	0
RP11-423H2.3	B3GAT1	-0.380853122	3.84E-17
RP11-423H2.3	SPP1	-0.248903599	1.40E-07
RP11-423H2.3	HLA-DQB1	-0.299863978	1.76E-10
RP11-423H2.3	SDC3	-0.655000043	0
RP11-423H2.3	CX3CL1	-0.319180777	9.74E-12
RP11-423H2.3	SDK1	-0.54861723	0
RP11-423H2.3	DOCK9	-0.613505306	0
RP11-423H2.3	CSF2	-0.525317065	1.65E-32
RP11-423H2.3	GRHL3	-0.538950604	0
RP11-423H2.3	TMEM92	-0.632124544	2.35E-50
RP11-423H2.3	BASP1	-0.465599957	0
RP11-423H2.3	HRH1	-0.570033927	0
RP11-423H2.3	ESM1	-0.057360354	0.230275897
RP11-423H2.3	B4GALNT3	-0.537874627	0
RP11-423H2.3	LMO3	-0.247116593	1.72E-07
RP11-423H2.3	C9orf16	-0.380528031	4.55E-17
RP11-423H2.3	SEMA3F	-0.340887957	2.84E-13
RP11-423H2.3	PLA2G12B	-0.342616243	1.55E-13
RP11-423H2.3	KLK6	-0.54215413	6.58E-35
RP11-423H2.3	ST3GAL5	-0.448713821	0
RP11-423H2.3	FAM132B	-0.15724575	0.000959089
RP11-423H2.3	CDKN1A	-0.148235546	0.001862163
RP11-423H2.3	E2F1	-0.250688052	1.13E-07
RP11-423H2.3	B3GNT8	-0.375976478	2.37E-16
RP11-423H2.3	MTMR11	-0.680340097	0
RP11-423H2.3	MYO1G	-0.377231169	1.62E-16
RP11-423H2.3	TMSB10	-0.410680903	0
RP11-423H2.3	UNC5CL	-0.581667551	0
RP11-423H2.3	ABR	-0.529358159	0
RP11-423H2.3	PLP2	-0.52998593	0
RP11-423H2.3	SRCIN1	-0.479229654	0
RP11-423H2.3	PDE9A	-0.430207054	0
RP11-423H2.3	TREM2	-0.276790765	4.27E-09
RP11-423H2.3	KDEL3	-0.409049918	0
RP11-423H2.3	PC	-0.586149179	0
RP11-423H2.3	C2CD4A	-0.545802897	0
RP11-423H2.3	PELI1	-0.486972259	0
RP11-423H2.3	SSX1	-0.198572693	2.89E-05

RP11-423H2.3	MROH6	-0.459700525	0
RP11-423H2.3	ESPN	-0.527908867	0
RP11-423H2.3	BMP1	-0.454811683	0
RP11-423H2.3	TM4SF4	-0.518423876	1.45E-31
RP11-423H2.3	CORO2A	-0.649748806	0
RP11-423H2.3	CD164L2	-0.465256373	5.78E-25
RP11-423H2.3	CTSS	-0.4235539	0
RP11-423H2.3	CLU	-0.609240547	0
RP11-423H2.3	TMSB4X	-0.393772783	0
RP11-423H2.3	WNT10A	-0.498438604	6.01E-29
RP11-423H2.3	NAPSA	-0.325333105	3.70E-12
RP11-423H2.3	PLEKHA4	-0.570996009	0
RP11-423H2.3	SFTPA1	-0.15740017	0.000935807
RP11-423H2.3	Clorf116	-0.481794353	0
RP11-423H2.3	TM4SF1	-0.372713231	5.68E-16
RP11-423H2.3	SEL1L3	-0.542688012	0
RP11-423H2.3	VASN	-0.574619238	0
RP11-423H2.3	NPTXR	-0.643878735	0
RP11-423H2.3	PDE4C	-0.308262722	5.13E-11
RP11-423H2.3	CDC42EP1	-0.55931175	0
RP11-423H2.3	ENDOD1	-0.683048761	0
RP11-423H2.3	RYR1	-0.523654037	0
RP11-423H2.3	IL1RAP	-0.632875152	0
RP11-423H2.3	SLC35F2	-0.652996616	1.05E-54
RP11-423H2.3	ISYNA1	-0.440960152	0
RP11-423H2.3	HLA-G	-0.351991393	4.01E-14
RP11-423H2.3	CDKN2B	-0.469396228	0
RP11-423H2.3	ALDH1A3	-0.35548626	2.10E-14
RP11-423H2.3	CLIP3	-0.60446092	0
RP11-423H2.3	ULBP2	-0.450175169	0
RP11-423H2.3	ETHE1	-0.523198172	0
RP11-423H2.3	XPR1	-0.629356031	0
RP11-423H2.3	SPTBN2	-0.620375613	0
RP11-423H2.3	IVL	-0.494324028	1.98E-28
RP11-423H2.3	MARCO	-0.358893614	1.10E-14
RP11-423H2.3	PLXND1	-0.42289535	0
RP11-423H2.3	EMILIN2	-0.421816962	0
RP11-423H2.3	PLAUR	-0.459059847	0
RP11-423H2.3	CDC42EP5	-0.471792992	0
RP11-423H2.3	TRPC5	-0.500744476	3.06E-29
RP11-423H2.3	TMEM100	-0.544684654	0
RP11-423H2.3	QSOX1	-0.665073599	0
RP11-423H2.3	ARHGAP23	-0.526116613	0
RP11-423H2.3	MDF1	-0.340233804	3.18E-13
RP11-423H2.3	FSTL3	-0.4854668	0
RP11-423H2.3	INF2	-0.545196402	0
RP11-423H2.3	TGFBR1	-0.656875555	0
RP11-423H2.3	TGFBI	-0.462945333	0
RP11-423H2.3	ERBB3	-0.61160554	0
RP11-423H2.3	CCL18	-0.282655021	1.95E-09
RP11-423H2.3	CCL17	-0.383137919	8.47E-17

RP11-423H2.3	C16orf45	-0.585458006	0
RP11-423H2.3	PRDM1	-0.416637212	0
RP11-423H2.3	TRIM47	-0.472753654	0
RP11-423H2.3	CNFN	-0.350676705	5.09E-14
RP11-423H2.3	ARMCX3	-0.526144838	0
RP11-423H2.3	RAMP1	-0.441657707	0
RP11-423H2.3	GABRD	-0.133421225	0.005139227
RP11-423H2.3	COL13A1	-0.299508393	1.85E-10
RP11-423H2.3	S100A5	-0.430331445	0
RP11-423H2.3	MISP	-0.424382087	0
RP11-423H2.3	HES6	-0.15753836	0.000938089
RP11-423H2.3	PSD3	-0.632899548	0
RP11-423H2.3	DOK7	-0.493492654	0
RP11-423H2.3	ZMAT3	-0.526826791	0
RP11-423H2.3	MFAP2	-0.492352284	0
RP11-423H2.3	TMEM79	-0.619820179	0
RP11-423H2.3	SLC1A5	-0.515057146	0
RP11-423H2.3	BBC3	-0.440575632	0
RP11-423H2.3	HLA-DQB2	-0.402785114	0
RP11-423H2.3	C1QL1	-0.520739142	0
RP11-423H2.3	TMEM215	-0.374073597	4.99E-16
RP11-423H2.3	PNP	-0.43664107	0
RP11-423H2.3	ARNTL	-0.665223663	0
RP11-423H2.3	CLDN2	-0.474666274	4.75E-26
RP11-423H2.3	MVP	-0.584188422	0
RP11-423H2.3	LGALS1	-0.487815907	0
RP11-423H2.3	BIRC7	-0.370330062	1.02E-15
RP11-423H2.3	COL8A1	-0.695978208	0
RP11-423H2.3	PERP	-0.485342835	0
RP11-423H2.3	GJA4	-0.265856115	1.76E-08
RP11-423H2.3	IGFL2	-0.517644908	1.85E-31
RP11-423H2.3	DAPK2	-0.403284239	0
RP11-423H2.3	MAMLD1	-0.686707308	0
RP11-423H2.3	ETV5	-0.480164786	0
RP11-423H2.3	RUNX1	-0.620679428	0
RP11-423H2.3	LONRF2	-0.458393354	0
RP11-423H2.3	SPOCK1	-0.327928866	2.44E-12
RP11-423H2.3	XKRX	-0.46799048	0
RP11-423H2.3	TGFB1	-0.40451652	0
RP11-423H2.3	ERP27	-0.295534683	3.27E-10
RP11-423H2.3	TNFRSF10C	-0.414216194	0
RP11-423H2.3	PALM	-0.543990503	0
RP11-423H2.3	TSC22D1	-0.597180845	0
RP11-423H2.3	TGM2	-0.452627817	0
RP11-423H2.3	UBE2QL1	-0.419436368	0
RP11-423H2.3	ECE1	-0.650358848	0
RP11-423H2.3	COL8A2	-0.602085431	0
RP11-423H2.3	HIST3H2A	-0.315960365	1.60E-11
RP11-423H2.3	TNFRSF21	-0.520182289	0
RP11-423H2.3	SOX4	-0.58592153	0
RP11-423H2.3	ELF3	-0.508425267	0

RP11-423H2.3	TPD52L1	-0.512026796	0
RP11-423H2.3	INHBB	-0.527923618	0
RP11-423H2.3	HPN	-0.381283598	3.00E-17
RP11-423H2.3	MMP7	-0.369581634	1.18E-15
RP11-423H2.3	RAB27A	-0.598811121	0
RP11-423H2.3	IGF2BP2	-0.61378203	0
RP11-423H2.3	ITGB4	-0.537471384	0
RP11-423H2.3	PPP1R1B	-0.551814664	0
RP11-423H2.3	NPDC1	-0.318804058	1.03E-11
RP11-423H2.3	CCL13	-0.507946464	3.59E-30
RP11-423H2.3	SPINT1	-0.58896422	0
RP11-423H2.3	HEY2	-0.467346823	0
RP11-423H2.3	CST2	-0.424308615	1.30E-20
RP11-423H2.3	ADM	-0.338969468	3.94E-13
RP11-423H2.3	VSTM2L	-0.248754103	1.42E-07
RP11-423H2.3	FAM84A	-0.519330983	0
RP11-423H2.3	P4HA2	-0.531782155	0
RP11-423H2.3	LPL	-0.435037885	0
RP11-423H2.3	TMEM173	-0.457839622	0
RP11-423H2.3	DHRS3	-0.434165161	0
RP11-423H2.3	SCN1B	-0.516707847	0
RP11-423H2.3	GLT1D1	-0.378208427	1.17E-16
RP11-423H2.3	PHYHIP	-0.55656252	0
RP11-423H2.3	BHLHE40	-0.51237997	0
RP11-423H2.3	BID	-0.496851925	0
RP11-423H2.3	POSTN	-0.342235268	2.26E-13
RP11-423H2.3	ITGA3	-0.651387025	0
RP11-423H2.3	RSP04	-0.595069883	0
RP11-423H2.3	ADAMTS9	-0.396875186	0
RP11-423H2.3	ABTB2	-0.698390432	0
RP11-423H2.3	KCNQ3	-0.665058423	0
RP11-423H2.3	ANXA1	-0.505881135	0
RP11-423H2.3	S100A11	-0.494238434	0
RP11-423H2.3	CEACAM6	-0.39854744	3.65E-18
RP11-423H2.3	IER5L	-0.492662765	0
RP11-423H2.3	KRT80	-0.444667633	0
RP11-423H2.3	CDH6	-0.526110797	0
RP11-423H2.3	UNC5B	-0.583853403	0
RP11-423H2.3	PLEKHN1	-0.571532295	0
RP11-423H2.3	SYTL1	-0.317103572	1.34E-11
RP11-423H2.3	TMEM163	-0.48095255	0
RP11-423H2.3	C4orf48	-0.209345081	1.02E-05
RP11-423H2.3	B3GNT7	-0.511831344	0
RP11-423H2.3	BAIAP3	-0.586882335	0
RP11-423H2.3	PHLDA2	-0.425327147	0
RP11-423H2.3	GAP43	-0.645372514	4.46E-53
RP11-423H2.3	S100A1	-0.308991056	4.61E-11
RP11-423H2.3	PTPRE	-0.672629263	0
RP11-423H2.3	CCND1	-0.454612118	0
RP11-423H2.3	ST6GALNAC5	-0.530502451	3.11E-33
RP11-423H2.3	KRT17	-0.20301489	1.89E-05

RP11-423H2.3	HPCAL4	-0.54215669	0
RP11-423H2.3	GABBR2	-0.461810069	0
RP11-423H2.3	DIRAS3	-0.53186513	0
RP11-423H2.3	SERINC2	-0.303841091	9.87E-11
RP11-423H2.3	PTCHD4	-0.423169237	0
RP11-423H2.3	EPS8	-0.63174003	0
RP11-423H2.3	LY6E	-0.53158954	0
RP11-423H2.3	UPP1	-0.449605551	0
RP11-423H2.3	AHNAK2	-0.569763586	0
RP11-423H2.3	PLXNC1	-0.622655645	0
RP11-423H2.3	TNC	-0.506494722	0
RP11-423H2.3	DUSP4	-0.562008641	0
RP11-423H2.3	NRCAM	-0.620506529	0
RP11-423H2.3	NRP2	-0.653237007	0
RP11-423H2.3	CTSC	-0.521996953	0
RP11-423H2.3	AMIGO2	-0.545535534	0
RP11-423H2.3	NAB2	-0.45132405	0
RP11-423H2.3	TBC1D2	-0.568625059	0
RP11-423H2.3	PHLDA3	-0.402706962	0
RP11-423H2.3	PTP4A3	-0.379934301	6.00E-17
RP11-423H2.3	CRABP2	-0.342697373	2.08E-13
RP11-423H2.3	GOS2	-0.521546053	0
RP11-423H2.3	S100A6	-0.474471018	0
RP11-423H2.3	FOXQ1	-0.44431843	0
RP11-423H2.3	LRG1	-0.545502061	0
RP11-423H2.3	LAMP5	-0.498164911	0
RP11-423H2.3	ALDH3B1	-0.496794339	0
RP11-423H2.3	CDH2	-0.218100829	4.21E-06
RP11-423H2.3	SCG5	-0.431651381	0
RP11-423H2.3	ZCCHC16	-0.481509311	7.34E-27
RP11-423H2.3	GRB7	-0.599680583	0
RP11-423H2.3	TIAM1	-0.594016601	0
RP11-423H2.3	FXD5	-0.411016064	0
RP11-423H2.3	CLDN9	-0.421129052	0
RP11-423H2.3	FAM43A	-0.553290621	0
RP11-423H2.3	CHST2	-0.557714947	0
RP11-423H2.3	HMGA2	-0.617709075	0
RP11-423H2.3	GALNT7	-0.662417983	0
RP11-423H2.3	CBLN1	-0.324741927	4.06E-12
RP11-423H2.3	STRA6	-0.543647824	0
RP11-423H2.3	MUC21	-0.469784384	1.75E-25
RP11-423H2.3	PRR36	-0.607551834	0
RP11-423H2.3	NFE2L3	-0.552772207	0
RP11-423H2.3	NR1D1	-0.28222185	2.07E-09
RP11-423H2.3	MUC1	-0.440926679	0
RP11-423H2.3	NAT8L	-0.445151156	0
RP11-423H2.3	APOC1	-0.271002108	9.09E-09
RP11-423H2.3	EVA1A	-0.554527867	0
RP11-423H2.3	ENTPD1	-0.331689394	1.32E-12
RP11-423H2.3	COL1A1	-0.461707946	0
RP11-423H2.3	FNDC4	-0.415306496	0

RP11-423H2.3	FRMD3	-0.359760097	9.28E-15
RP11-423H2.3	SHROOM4	-0.652810361	0
RP11-423H2.3	NELL2	-0.457522332	0
RP11-423H2.3	EPHB3	-0.582992877	0
RP11-423H2.3	TMC6	-0.510498359	0
RP11-423H2.3	NOD1	-0.647979956	0
RP11-423H2.3	GGCT	-0.627227765	0
RP11-423H2.3	ICAM1	-0.55675471	0
RP11-423H2.3	PRSS23	-0.483669582	0
RP11-423H2.3	CFI	-0.562471739	0
RP11-423H2.3	CD55	-0.497117728	0
RP11-423H2.3	RASD2	-0.609901508	0
RP11-423H2.3	KLK11	-0.50345216	1.37E-29
RP11-423H2.3	ICAM5	-0.467214063	0
RP11-423H2.3	ADORA1	-0.522856486	0
RP11-423H2.3	ITGA2	-0.594436297	0
RP11-423H2.3	ABCC3	-0.504453119	0
RP11-423H2.3	MFGE8	-0.641060573	0
RP11-423H2.3	STK32A	-0.490917459	0
RP11-423H2.3	CYSLTR2	-0.55012198	0
RP11-423H2.3	LAD1	-0.548241787	0
RP11-423H2.3	MGAT3	-0.494407646	0
RP11-423H2.3	IGFBP6	-0.496454072	0
RP11-423H2.3	CYP2S1	-0.543981992	0
RP11-423H2.3	KCNJ2	-0.56606575	0
RP11-423H2.3	FAM20A	-0.539211017	0
RP11-423H2.3	TGFA	-0.572690537	0
RP11-423H2.3	MXRA8	-0.60406562	0
RP11-423H2.3	C8orf4	-0.386128329	0
RP11-423H2.3	CLDN10	-0.642936229	1.45E-52
RP11-423H2.3	PDE5A	-0.652500163	0
RP11-423H2.3	APOE	-0.301355679	1.42E-10
RP11-423H2.3	SPOCK2	-0.428222611	0
RP11-423H2.3	TENM1	-0.373931612	4.16E-16
RP11-423H2.3	SLIT1	-0.372783866	5.58E-16
RP11-423H2.3	CXCL14	-0.3907291	0
RP11-423H2.3	ECM1	-0.276815161	4.26E-09
RP11-423H2.3	DUSP5	-0.478752372	0
RP11-423H2.3	SEZ6L2	-0.436235274	0
RP11-423H2.3	THRSP	-0.192314839	5.16E-05
RP11-423H2.3	C19orf33	-0.403802653	0
RP11-423H2.3	MPZL2	-0.55823861	0
RP11-423H2.3	CTSH	-0.576248238	0
RP11-423H2.3	CYP1B1	-0.667102863	0
RP11-423H2.3	ALOX5	-0.454722467	0
RP11-423H2.3	SYTL5	-0.595675336	1.65E-43
RP11-423H2.3	TNFRSF12A	-0.433684758	0
RP11-423H2.3	DUSP6	-0.496732356	0
RP11-423H2.3	ALOX15B	-0.473138884	0
RP11-423H2.3	SDC4	-0.634751232	0
RP11-423H2.3	MDK	-0.548883174	0

RP11-423H2.3	KRT19	-0.472484589	0
RP11-423H2.3	MET	-0.641337865	0
RP11-423H2.3	TESC	-0.358446685	1.20E-14
RP11-423H2.3	CXCL17	-0.531311488	2.39E-33
RP11-423H2.3	NPC2	-0.518867884	0
RP11-423H2.3	COMP	-0.459766763	0
RP11-423H2.3	TUSC3	-0.637347135	0
RP11-423H2.3	TMPRSS4	-0.537911363	0
RP11-423H2.3	LGALS3	-0.473698148	0
RP11-423H2.3	CRLF1	-0.378657341	9.99E-17
RP11-423H2.3	CTXN1	-0.551100231	0
RP11-423H2.3	PCSK1N	-0.331602022	1.34E-12
RP11-423H2.3	NMU	-0.308166884	4.12E-11
RP11-423H2.3	GALE	-0.495944593	0
RP11-423H2.3	PCSK2	-0.1814104	0.000135729
RP11-423H2.3	GJB3	-0.62310924	0
RP11-423H2.3	SLPI	-0.395714249	0
RP11-423H2.3	AGR2	-0.252883265	8.69E-08
RP11-423H2.3	MRC2	-0.643079483	0
RP11-423H2.3	GOLT1A	-0.528175662	0
RP11-423H2.3	SLC27A6	-0.571484091	2.00E-39
RP11-423H2.3	KCNN4	-0.597878968	0
RP11-423H2.3	ETV4	-0.423148828	1.69E-20
RP11-423H2.3	SYT12	-0.671723066	0
RP11-423H2.3	PVRL4	-0.661130102	0
RP11-423H2.3	PLCD3	-0.593010408	0
RP11-423H2.3	PLAU	-0.574147488	0
RP11-423H2.3	LRRK2	-0.389186479	0
RP11-423H2.3	SFN	-0.454318373	0
RP11-423H2.3	LPAR5	-0.590494785	0
RP11-423H2.3	NGEF	-0.557112707	0
RP11-423H2.3	DTX4	-0.593942136	0
RP11-423H2.3	CST6	-0.510974506	0
RP11-423H2.3	QPCT	-0.594138439	0
RP11-423H2.3	TIMP1	-0.619364598	0
RP11-423H2.3	CAMK2N1	-0.724878942	0
RP11-423H2.3	KLHDC8A	-0.422587989	0
RP11-423H2.3	PDLIM4	-0.613376518	0
RP11-423H2.3	SCEL	-0.511934034	0
RP11-423H2.3	LCN2	-0.504068314	0
RP11-423H2.3	PROS1	-0.63441834	0
RP11-423H2.3	GABRB2	-0.672856345	0
RP11-423H2.3	TMPRSS6	-0.570101158	0
RP11-423H2.3	KLK7	-0.551846681	2.37E-36
RP11-423H2.3	PDZK1IP1	-0.490597049	0
RP11-423H2.3	CDH3	-0.672666141	0
RP11-423H2.3	LRP4	-0.551452838	0
RP11-423H2.3	IGSF1	-0.320945657	7.40E-12
RP11-423H2.3	B3GNT3	-0.493831503	0
RP11-423H2.3	CLDN1	-0.57484249	0
RP11-423H2.3	GDF15	-0.413443181	0

RP11-423H2.3	ARHGAP36	-0.291485055	4.80E-10
RP11-423H2.3	LAMB3	-0.591348219	0
RP11-423H2.3	KLK10	-0.592689856	0
RP11-423H2.3	DPP4	-0.518552297	0
RP11-423H2.3	METTL7B	-0.552650794	0
RP11-423H2.3	LIPH	-0.588987056	0
RP11-423H2.3	CLDN16	-0.49541015	0
RP11-423H2.3	CHI3L1	-0.574823626	0
RP11-423H2.3	SLC22A31	-0.491668945	4.24E-28
RP11-423H2.3	TACSTD2	-0.601423761	0
RP11-423H2.3	SFTPB	-0.516199928	0
RP11-423H2.3	RXRG	-0.55012581	0
RP11-423H2.3	DCSTAMP	-0.633059404	1.53E-50
RP11-423H2.3	CITED1	-0.493849942	0
RP11-423H2.3	SERPINA1	-0.654529001	0
RP11-423H2.3	PRR15	-0.559331323	0
RP11-423H2.3	SLC34A2	-0.549979434	0
RP11-423H2.3	FN1	-0.65607531	0
RP11-423H2.3	ZCCHC12	-0.408398177	0
RP11-192H23.8	TFF3	0.630376691	0
RP11-192H23.8	CCL21	0.422587358	1.92E-20
RP11-192H23.8	TPO	0.584888105	0
RP11-192H23.8	MT1G	0.533195846	0
RP11-192H23.8	DI01	0.596415918	0
RP11-192H23.8	DPT	0.360725639	6.16E-15
RP11-192H23.8	CDH16	0.579414752	0
RP11-192H23.8	CRABP1	0.417230812	6.42E-20
RP11-192H23.8	SLC26A7	0.491922092	0
RP11-192H23.8	MT1H	0.513276596	7.11E-31
RP11-192H23.8	SLC26A4	0.516130002	0
RP11-192H23.8	SLC5A8	0.484020652	3.66E-27
RP11-192H23.8	PKHD1L1	0.562443926	5.51E-38
RP11-192H23.8	TFCP2L1	0.479308232	0
RP11-192H23.8	WSCD2	0.554309954	1.00E-36
RP11-192H23.8	IPCEF1	0.519392682	0
RP11-192H23.8	SLC5A5	0.550852658	3.35E-36
RP11-192H23.8	MT1F	0.610561193	0
RP11-192H23.8	FOSB	0.332428081	1.17E-12
RP11-192H23.8	SEMA3D	0.539892492	1.41E-34
RP11-192H23.8	BMP8A	0.497242119	0
RP11-192H23.8	MATN2	0.475969953	0
RP11-192H23.8	PLA2R1	0.459753288	0
RP11-192H23.8	COL23A1	0.50095428	0
RP11-192H23.8	HGD	0.547444662	0
RP11-192H23.8	TCEAL2	0.407013562	0
RP11-192H23.8	CHRDL1	0.328226381	1.74E-12
RP11-192H23.8	TNFRSF11B	0.393934193	0
RP11-192H23.8	FAM167A	0.45431809	0
RP11-192H23.8	KIT	0.525151837	0
RP11-192H23.8	SLC4A4	0.525733794	0
RP11-192H23.8	SMOC2	0.437920441	0

RP11-192H23.8	FHL1	0.530529875	0
RP11-192H23.8	OTOS	0.605616892	0
RP11-192H23.8	IGFBPL1	0.416206228	8.06E-20
RP11-192H23.8	HBB	0.329766224	1.81E-12
RP11-192H23.8	BEX1	0.416769546	0
RP11-192H23.8	FABP4	0.436090804	8.34E-22
RP11-192H23.8	LMOD1	0.532910044	0
RP11-192H23.8	SOD3	0.521673139	0
RP11-192H23.8	TMEM171	0.51901653	0
RP11-192H23.8	PI16	0.377423926	1.52E-16
RP11-192H23.8	ZMAT4	0.61568116	3.73E-47
RP11-192H23.8	MFAP4	0.248101226	1.53E-07
RP11-192H23.8	CWH43	0.508780446	2.79E-30
RP11-192H23.8	SPX	0.475563874	0
RP11-192H23.8	APOD	0.340734348	2.92E-13
RP11-192H23.8	DPP6	0.524329749	0
RP11-192H23.8	MMRN1	0.387291819	0
RP11-192H23.8	WDR72	0.389669293	0
RP11-192H23.8	MPPED2	0.566914929	0
RP11-192H23.8	PAPSS2	0.416507147	0
RP11-192H23.8	DCN	0.203143678	1.87E-05
RP11-192H23.8	SORBS2	0.545044636	0
RP11-192H23.8	EGR2	0.239341081	4.22E-07
RP11-192H23.8	EDN3	0.427835915	5.77E-21
RP11-192H23.8	DIO2	0.372330838	6.24E-16
RP11-192H23.8	ITPR1	0.534678186	0
RP11-192H23.8	CFD	0.371091891	8.42E-16
RP11-192H23.8	CPXM1	0.422496787	0
RP11-192H23.8	ELMO1	0.574866744	0
RP11-192H23.8	GPC3	0.47320755	7.03E-26
RP11-192H23.8	MYOC	0.260151395	3.19E-08
RP11-192H23.8	DEPTOR	0.555778728	0
RP11-192H23.8	DGKI	0.518886181	0
RP11-192H23.8	CARTPT	0.499938977	3.87E-29
RP11-192H23.8	IYD	0.355969074	1.92E-14
RP11-192H23.8	LYVE1	0.396432938	0
RP11-192H23.8	CLCNKB	0.553089071	0
RP11-192H23.8	NCAM1	0.352267834	3.81E-14
RP11-192H23.8	HBA2	0.38227121	1.41E-17
RP11-192H23.8	GLT8D2	0.431502311	0
RP11-192H23.8	OGDHL	0.412667474	0
RP11-192H23.8	LIFR	0.367189384	2.03E-15
RP11-192H23.8	CSGALNACT1	0.472577351	0
RP11-192H23.8	RAP1GAP	0.385120576	0
RP11-192H23.8	COL9A3	0.522538346	0
RP11-192H23.8	FBLN1	0.26099947	3.23E-08
RP11-192H23.8	EFEMP1	0.45026637	0
RP11-192H23.8	AOX1	0.451029754	2.19E-23
RP11-192H23.8	GRIN2C	0.589017976	0
RP11-192H23.8	C11orf74	0.613562183	0
RP11-192H23.8	PPARGC1A	0.46239926	0

RP11-192H23.8	ANGPTL1	0.447201128	0
RP11-192H23.8	SCARA5	0.337158515	3.94E-13
RP11-192H23.8	LTF	0.463378929	0
RP11-192H23.8	CA4	0.44779452	4.90E-23
RP11-192H23.8	TG	0.356952431	1.59E-14
RP11-192H23.8	FCGBP	0.560245322	0
RP11-192H23.8	PBX4	0.715270753	0
RP11-192H23.8	CYR61	0.352980424	3.35E-14
RP11-192H23.8	FOS	0.362123671	5.81E-15
RP11-192H23.8	KHDRBS2	0.552367262	0
RP11-192H23.8	MUM1L1	0.470859278	0
RP11-192H23.8	RGS16	0.512426635	0
RP11-192H23.8	MT1M	0.515739241	0
RP11-192H23.8	LRP2	0.419066315	0
RP11-192H23.8	MAFB	0.446743703	0
RP11-192H23.8	KCNK2	0.45702576	0
RP11-192H23.8	TBC1D4	0.454945719	0
RP11-192H23.8	MIOX	0.593849821	3.46E-43
RP11-192H23.8	TPPP	0.465988874	0
RP11-192H23.8	FMOD	0.473285827	0
RP11-192H23.8	CITED2	0.36520338	3.10E-15
RP11-192H23.8	RGS8	0.515826305	3.24E-31
RP11-192H23.8	ABI3BP	0.32572188	3.47E-12
RP11-192H23.8	ADH1B	0.368442254	1.46E-15
RP11-192H23.8	OGN	0.264544625	1.83E-08
RP11-192H23.8	NR4A1	0.32327987	5.12E-12
RP11-192H23.8	FOXJ1	0.547696252	9.96E-36
RP11-192H23.8	ALDH1A1	0.513049016	0
RP11-192H23.8	OCA2	0.52983787	3.85E-33
RP11-192H23.8	TMEM139	0.443679879	0
RP11-192H23.8	ARHGAP24	0.486039822	0
RP11-192H23.8	SLC25A15	0.37856458	1.03E-16
RP11-192H23.8	DES	0.323122301	3.98E-12
RP11-192H23.8	GDF10	0.417994719	5.41E-20
RP11-192H23.8	KIAA1324	0.539049464	0
RP11-192H23.8	JUN	0.374114582	3.97E-16
RP11-192H23.8	C7	0.154356102	0.001191073
RP11-192H23.8	LGI3	0.512524928	0
RP11-192H23.8	CDON	0.518379255	0
RP11-192H23.8	BCL2	0.481824706	0
RP11-192H23.8	HLF	0.514308246	0
RP11-192H23.8	EGR1	0.291093196	6.12E-10
RP11-192H23.8	IP6K3	0.444532888	0
RP11-192H23.8	SCUBE3	0.475330693	0
RP11-192H23.8	PKNOX2	0.558757734	0
RP11-192H23.8	SMAD9	0.469226449	0
RP11-192H23.8	IQGAP2	0.433633555	0
RP11-192H23.8	GNA14	0.560771537	0
RP11-192H23.8	LAYN	0.524965179	0
RP11-192H23.8	AVPR1A	0.441801672	0
RP11-192H23.8	PDLIM3	0.490889092	0

RP11-192H23.8	GPM6A	0.368968021	1.37E-15
RP11-192H23.8	SDPR	0.323377454	5.04E-12
RP11-192H23.8	CRYAB	0.258890351	4.19E-08
RP11-192H23.8	FOXA2	0.569030425	4.97E-39
RP11-192H23.8	C8orf88	0.405342863	0
RP11-192H23.8	ISM1	0.422252118	0
RP11-192H23.8	BMP2	0.378803292	9.47E-17
RP11-192H23.8	ID4	0.557313264	0
RP11-192H23.8	NUPR1	0.33781463	4.79E-13
RP11-192H23.8	SERTM1	0.409545528	3.49E-19
RP11-192H23.8	IRS1	0.430032027	0
RP11-192H23.8	FIBIN	0.233995807	7.68E-07
RP11-192H23.8	PODN	0.257290429	5.10E-08
RP11-192H23.8	TDRD9	0.385539704	0
RP11-192H23.8	EPHA3	0.322795638	5.53E-12
RP11-192H23.8	AIF1L	0.37256033	5.90E-16
RP11-192H23.8	EBF4	0.604961321	0
RP11-192H23.8	ADM2	0.482455456	0
RP11-192H23.8	GSTM3	0.471928446	0
RP11-192H23.8	HSD17B6	0.542116267	0
RP11-192H23.8	AGR3	0.424082655	1.37E-20
RP11-192H23.8	EPHB1	0.280313006	2.67E-09
RP11-192H23.8	TMOD1	0.299625266	1.82E-10
RP11-192H23.8	WASF3	0.407315959	0
RP11-192H23.8	SELV	0.642714077	1.61E-52
RP11-192H23.8	ENPP1	0.243921853	2.50E-07
RP11-192H23.8	SYNE1	0.486112247	2.04E-27
RP11-192H23.8	PLCH1	0.488065115	0
RP11-192H23.8	CCDC146	0.607889832	0
RP11-192H23.8	SLC16A2	0.494708198	0
RP11-192H23.8	IER2	0.514368952	0
RP11-192H23.8	KCNAB1	0.481095663	0
RP11-192H23.8	SYNDIG1	0.501909837	0
RP11-192H23.8	C16orf89	0.507483753	0
RP11-192H23.8	CTGF	0.252091105	9.55E-08
RP11-192H23.8	NR4A3	0.201698783	2.15E-05
RP11-192H23.8	KIAA1456	0.478643583	0
RP11-192H23.8	AQP4	0.340107569	3.25E-13
RP11-192H23.8	RNF150	0.506465362	0
RP11-192H23.8	C1S	0.158011529	0.000905029
RP11-192H23.8	PFKFB2	0.312907037	2.55E-11
RP11-192H23.8	PROX1	0.438016181	0
RP11-192H23.8	TCF7L1	0.603040421	0
RP11-192H23.8	HSPB6	0.333370731	1.00E-12
RP11-192H23.8	FHDC1	0.399196209	0
RP11-192H23.8	PRR15L	0.359636982	9.50E-15
RP11-192H23.8	SLC1A1	0.306080274	7.10E-11
RP11-192H23.8	BTBD11	0.512373588	0
RP11-192H23.8	TRIM58	0.343861714	1.70E-13
RP11-192H23.8	LRIG1	0.420839704	0
RP11-192H23.8	ROR2	0.419104752	0

RP11-192H23.8	GPR125	0.518219263	0
RP11-192H23.8	FLRT1	0.595130448	0
RP11-192H23.8	PGF	0.545147184	0
RP11-192H23.8	DUSP1	0.336454696	6.02E-13
RP11-192H23.8	PLA2G7	0.425749113	0
RP11-192H23.8	PLSCR4	0.357547721	1.42E-14
RP11-192H23.8	FAM46B	0.449405986	0
RP11-192H23.8	GLDC	0.500577561	0
RP11-192H23.8	ZBTB16	0.284407702	1.54E-09
RP11-192H23.8	OMD	0.217985869	4.03E-06
RP11-192H23.8	HSD11B2	0.542106905	0
RP11-192H23.8	FGL2	0.21867839	3.96E-06
RP11-192H23.8	CLCNKA	0.601531153	1.51E-44
RP11-192H23.8	GATM	0.314185131	2.10E-11
RP11-192H23.8	TNS3	0.361391224	6.73E-15
RP11-192H23.8	TOB1	0.433917088	0
RP11-192H23.8	MARC2	0.495774388	0
RP11-192H23.8	LRRC2	0.459474295	0
RP11-192H23.8	SORD	0.275145312	5.30E-09
RP11-192H23.8	RIMS4	0.359819668	9.17E-15
RP11-192H23.8	SLC29A4	0.611299313	0
RP11-192H23.8	SLC39A14	0.277529452	3.87E-09
RP11-192H23.8	FAXDC2	0.557147882	0
RP11-192H23.8	HSPB8	0.382087956	1.67E-17
RP11-192H23.8	CCL19	0.096987491	0.042243803
RP11-192H23.8	KCNIP3	0.534657336	0
RP11-192H23.8	CGNL1	0.374059833	4.02E-16
RP11-192H23.8	ATF3	0.180838655	0.000142583
RP11-192H23.8	SGCD	0.431482737	0
RP11-192H23.8	STARD13	0.450018439	0
RP11-192H23.8	LDHD	0.522194816	0
RP11-192H23.8	RCAN1	0.361225416	6.96E-15
RP11-192H23.8	ID3	0.519613239	0
RP11-192H23.8	SYTL3	0.438021287	0
RP11-192H23.8	MT1E	0.471833557	0
RP11-192H23.8	CAMK1D	0.411643836	0
RP11-192H23.8	PRKCQ	0.465272455	0
RP11-192H23.8	NUAK2	0.403422955	0
RP11-192H23.8	LIPG	0.370384833	9.93E-16
RP11-192H23.8	SLC25A25	0.227865181	1.50E-06
RP11-192H23.8	PRKX	0.237354369	5.28E-07
RP11-192H23.8	SRPX	0.277849579	3.71E-09
RP11-192H23.8	FAM189A1	0.396038773	0
RP11-192H23.8	PLEKHH1	0.509862645	0
RP11-192H23.8	WNT11	0.525187296	0
RP11-192H23.8	SNAI1	0.448794526	0
RP11-192H23.8	FDCSP	0.085147734	0.074717536
RP11-192H23.8	MT1X	0.377893548	1.31E-16
RP11-192H23.8	ACACB	0.496498609	0
RP11-192H23.8	ARC	0.179757005	0.000156449
RP11-192H23.8	KLK4	0.29858722	1.72E-10

RP11-192H23.8	ZFPM2	0.349902842	5.86E-14
RP11-192H23.8	AKAP12	0.214090668	6.34E-06
RP11-192H23.8	GJB6	0.347283017	6.89E-14
RP11-192H23.8	ERO1LB	0.508758727	0
RP11-192H23.8	DNALI1	0.592972396	0
RP11-192H23.8	HKDC1	0.351244337	4.59E-14
RP11-192H23.8	ZFP36L2	0.46046914	0
RP11-192H23.8	CAPSL	0.531041361	2.61E-33
RP11-192H23.8	CYP7B1	0.315432022	1.74E-11
RP11-192H23.8	CPQ	0.4679241	0
RP11-192H23.8	RPS6KA6	0.505934129	6.56E-30
RP11-192H23.8	TLE1	0.481464582	0
RP11-192H23.8	TP53INP2	0.474246774	0
RP11-192H23.8	KATNAL2	0.560990817	0
RP11-192H23.8	SGPP2	0.15956039	0.000804193
RP11-192H23.8	CTH	0.515422519	0
RP11-192H23.8	KIF12	0.56918872	0
RP11-192H23.8	TMEM220	0.496061892	0
RP11-192H23.8	CENPJ	0.589809428	0
RP11-192H23.8	FAM155B	0.385076039	0
RP11-192H23.8	WFS1	0.53640789	0
RP11-192H23.8	SELENBP1	0.544304672	0
RP11-192H23.8	SNTA1	0.452531084	0
RP11-192H23.8	FRAS1	0.312522658	2.71E-11
RP11-192H23.8	FBLN7	0.556299838	0
RP11-192H23.8	AGPAT9	0.351219657	4.62E-14
RP11-192H23.8	GPR83	0.481172114	0
RP11-192H23.8	PRTG	0.359292885	1.02E-14
RP11-192H23.8	EGR3	0.178699183	0.000171224
RP11-192H23.8	GRAMD2	0.537350681	0
RP11-192H23.8	HYOU1	0.34869524	7.27E-14
RP11-192H23.8	FBLN5	0.340560313	3.01E-13
RP11-192H23.8	ITM2A	0.389583339	0
RP11-192H23.8	SRF	0.450997541	0
RP11-192H23.8	FGFR2	0.318815688	1.03E-11
RP11-192H23.8	MT1A	0.308620872	3.85E-11
RP11-192H23.8	MAMDC2	0.334214946	8.74E-13
RP11-192H23.8	FHL2	0.399935039	0
RP11-192H23.8	FTCDNL1	0.371795261	7.11E-16
RP11-192H23.8	PKIA	0.275245733	5.23E-09
RP11-192H23.8	DNAJB4	0.297325945	2.54E-10
RP11-192H23.8	SLC25A33	0.561341723	0
RP11-192H23.8	EYA2	0.302495341	1.20E-10
RP11-192H23.8	LPAR1	0.249488252	1.30E-07
RP11-192H23.8	STX11	0.224187486	2.23E-06
RP11-192H23.8	ARHGEF28	0.376292065	2.16E-16
RP11-192H23.8	OR2W3	0.467662127	0
RP11-192H23.8	ALDH1B1	0.26145818	2.70E-08
RP11-192H23.8	CXCL12	0.208924534	1.06E-05
RP11-192H23.8	OLFM2	0.533341371	0
RP11-192H23.8	TUB	0.311262719	3.27E-11

RP11-192H23.8	HTRA3	0.39664229	0
RP11-192H23.8	CKB	0.540513223	0
RP11-192H23.8	RGS2	0.170737581	0.000332344
RP11-192H23.8	SHANK2	0.48941895	0
RP11-192H23.8	CNTFR	0.431122809	2.69E-21
RP11-192H23.8	CYTH3	0.395745453	0
RP11-192H23.8	PLAC9	0.421381097	0
RP11-192H23.8	WVOX	0.486560648	0
RP11-192H23.8	NPR3	0.387703714	0
RP11-192H23.8	SDC2	0.391454171	0
RP11-192H23.8	KLF15	0.430444631	0
RP11-192H23.8	TMEM164	0.476480851	0
RP11-192H23.8	LONRF3	0.175930948	0.000216323
RP11-192H23.8	GBP1	0.205843264	1.44E-05
RP11-192H23.8	ARHGAP6	0.342362212	2.21E-13
RP11-192H23.8	TMEM119	0.183224355	0.000115976
RP11-192H23.8	SH3RF1	0.279767784	2.87E-09
RP11-192H23.8	CRELD2	0.517209666	0
RP11-192H23.8	PCP4	0.144228222	0.002473378
RP11-192H23.8	GCSH	0.516947835	0
RP11-192H23.8	IMPA2	0.452269536	0
RP11-192H23.8	C1R	0.184276928	0.000105789
RP11-192H23.8	SUCNR1	0.296569669	2.82E-10
RP11-192H23.8	SFRP1	0.32673871	2.95E-12
RP11-192H23.8	UGT8	0.343950788	1.68E-13
RP11-192H23.8	TLE4	0.303006238	1.12E-10
RP11-192H23.8	ANTXR1	0.261863825	2.90E-08
RP11-192H23.8	GPX3	0.444712454	0
RP11-192H23.8	DPY19L2	0.647190632	0
RP11-192H23.8	FAM46C	0.285909332	1.25E-09
RP11-192H23.8	IL33	0.283576263	1.46E-09
RP11-192H23.8	PEG3	0.358747521	1.13E-14
RP11-192H23.8	FAHD2A	0.60236485	0
RP11-192H23.8	PTGDS	0.081658615	0.087464219
RP11-192H23.8	CHCHD10	0.441784793	0
RP11-192H23.8	CD36	0.387260898	0
RP11-192H23.8	ANKRD37	0.60847874	0
RP11-192H23.8	TSPAN33	0.493652363	0
RP11-192H23.8	PRDM16	0.502429812	0
RP11-192H23.8	UST	0.384895906	0
RP11-192H23.8	NEXN	0.410129299	0
RP11-192H23.8	NUPR1L	0.245530586	1.89E-07
RP11-192H23.8	SLC24A3	0.443639739	0
RP11-192H23.8	MARC1	0.425290412	0
RP11-192H23.8	MYH11	0.334272957	8.65E-13
RP11-192H23.8	APOA1	0.646681389	2.36E-53
RP11-192H23.8	TMEM178B	0.402102594	0
RP11-192H23.8	CAPNG	0.361239572	5.60E-15
RP11-192H23.8	PPM1L	0.391999393	0
RP11-192H23.8	FZD8	0.552782135	0
RP11-192H23.8	RCAN2	0.448437097	0

RP11-192H23.8	COPZ2	0.483400091	0
RP11-192H23.8	GAS1	0.273593614	6.50E-09
RP11-192H23.8	DACT1	0.501613823	0
RP11-192H23.8	WBSCR17	0.525293106	0
RP11-192H23.8	NCS1	0.384034671	0
RP11-192H23.8	SPIRE2	0.688973865	0
RP11-192H23.8	C15orf52	0.408662703	0
RP11-192H23.8	SPAG5	0.822951234	0
RP11-192H23.8	ARL4D	0.465533577	0
RP11-192H23.8	FAM189A2	0.429849908	0
RP11-192H23.8	MAP1LC3A	0.575678762	0
RP11-192H23.8	KLF6	0.113867274	0.017039349
RP11-192H23.8	ADD3	0.193249262	4.73E-05
RP11-192H23.8	TSPAN7	0.331281612	1.42E-12
RP11-192H23.8	KLF9	0.276844521	4.24E-09
RP11-192H23.8	KCNQ1	0.428928676	0
RP11-192H23.8	MAN1A1	0.194708766	4.14E-05
RP11-192H23.8	MLF1	0.309979093	3.97E-11
RP11-192H23.8	RARB	0.465270327	0
RP11-192H23.8	CDC42EP2	0.563611684	0
RP11-192H23.8	FAM3B	0.29826363	2.22E-10
RP11-192H23.8	GADD45B	0.345615105	1.25E-13
RP11-192H23.8	TMEM47	0.358626676	1.16E-14
RP11-192H23.8	SDF2L1	0.425347288	0
RP11-192H23.8	CCDC85A	0.19586715	3.72E-05
RP11-192H23.8	CRYBG3	0.028404871	0.552655615
RP11-192H23.8	FBLN2	0.110689555	0.020397359
RP11-192H23.8	PEBP4	0.198332421	2.95E-05
RP11-192H23.8	CDADC1	0.483555261	0
RP11-192H23.8	FAM63A	0.40121214	0
RP11-192H23.8	GLUL	0.351575243	4.33E-14
RP11-192H23.8	FREM2	0.300307787	1.65E-10
RP11-192H23.8	ACKR3	0.427859791	0
RP11-192H23.8	DENND6A	0.489932542	0
RP11-192H23.8	CLDN8	0.231073679	1.06E-06
RP11-192H23.8	UTS2R	0.226142261	1.69E-06
RP11-192H23.8	SCNN1B	0.413325457	0
RP11-192H23.8	TTC30A	0.433284069	0
RP11-192H23.8	CORO2B	0.455296908	0
RP11-192H23.8	TC2N	0.304727006	8.67E-11
RP11-192H23.8	ALDH2	0.501266038	0
RP11-192H23.8	GPR183	0.069241767	0.147462106
RP11-192H23.8	C4orf47	0.603808469	0
RP11-192H23.8	SLC25A42	0.513997623	0
RP11-192H23.8	LGMN	0.407879478	0
RP11-192H23.8	ACSF2	0.547696707	0
RP11-192H23.8	KIAA1467	0.358760003	1.13E-14
RP11-192H23.8	PRKG1	0.427048625	0
RP11-192H23.8	GNAI1	0.449536902	0
RP11-192H23.8	ABCC4	0.25017063	1.20E-07
RP11-192H23.8	PRPS1	0.385161709	0

RP11-192H23.8	TSPAN5	0.433572423	0
RP11-192H23.8	CR2	0.185102021	9.58E-05
RP11-192H23.8	CCDC170	0.422656212	0
RP11-192H23.8	RRAD	0.217126692	4.65E-06
RP11-192H23.8	SCGB2A1	0.501284335	0
RP11-192H23.8	SESN3	0.268329896	1.28E-08
RP11-192H23.8	SGK223	0.31429775	2.07E-11
RP11-192H23.8	NDRG2	0.486192439	0
RP11-192H23.8	C3orf52	0.301005909	1.49E-10
RP11-192H23.8	FLRT3	-0.279276177	3.07E-09
RP11-192H23.8	MST1R	-0.398708857	0
RP11-192H23.8	SDC1	-0.308396049	5.03E-11
RP11-192H23.8	ST8SIA4	-0.408057909	0
RP11-192H23.8	UBTD1	-0.24669789	1.81E-07
RP11-192H23.8	EPHA2	-0.327441088	2.64E-12
RP11-192H23.8	TMEM130	-0.243673497	2.57E-07
RP11-192H23.8	SPINK2	-0.386154427	0
RP11-192H23.8	MMP16	-0.373869345	4.23E-16
RP11-192H23.8	SIGLEC15	-0.481238919	0
RP11-192H23.8	RIN1	-0.353306649	3.15E-14
RP11-192H23.8	IL1RN	-0.422977473	0
RP11-192H23.8	FCER1G	-0.241652885	3.24E-07
RP11-192H23.8	CD276	-0.433403212	0
RP11-192H23.8	CTSB	-0.478758188	0
RP11-192H23.8	FAM171A2	-0.2951808	3.44E-10
RP11-192H23.8	ASPHD1	-0.40919672	0
RP11-192H23.8	C15orf48	-0.223492059	2.40E-06
RP11-192H23.8	DYSF	-0.284665137	1.48E-09
RP11-192H23.8	PDZRN4	-0.187792362	7.75E-05
RP11-192H23.8	EFHD2	-0.144517002	0.002423857
RP11-192H23.8	ASF1B	-0.309518548	4.26E-11
RP11-192H23.8	AQP1	-0.255946096	6.00E-08
RP11-192H23.8	ARRDC2	-0.215023956	5.77E-06
RP11-192H23.8	PRSS1	-0.371816579	7.70E-16
RP11-192H23.8	MAPK13	-0.458957299	0
RP11-192H23.8	CST5	-0.32809878	1.78E-12
RP11-192H23.8	AHR	-0.443757606	0
RP11-192H23.8	BAX	-0.195871121	3.72E-05
RP11-192H23.8	C1orf115	-0.351966714	4.03E-14
RP11-192H23.8	PLK3	-0.329982951	1.75E-12
RP11-192H23.8	JAG2	-0.206691876	1.32E-05
RP11-192H23.8	RAD23B	-0.617549792	0
RP11-192H23.8	CA12	0.059580247	0.212713942
RP11-192H23.8	ADTRP	-0.402004726	0
RP11-192H23.8	UCP2	-0.254839483	6.86E-08
RP11-192H23.8	IGFBP2	-0.244519555	2.33E-07
RP11-192H23.8	LOXL2	-0.223269232	2.45E-06
RP11-192H23.8	GPX1	-0.236971976	5.51E-07
RP11-192H23.8	P3H3	-0.245954521	1.97E-07
RP11-192H23.8	C2orf81	-0.277037419	4.13E-09
RP11-192H23.8	CDT1	-0.356973706	1.59E-14

RP11-192H23.8	SNX25	-0.271068913	9.02E-09
RP11-192H23.8	MTHFD1L	-0.437447556	0
RP11-192H23.8	CDC42BPG	-0.499495007	4.41E-29
RP11-192H23.8	MSN	-0.683129608	0
RP11-192H23.8	SIGLEC6	-0.336482515	4.41E-13
RP11-192H23.8	F2R	-0.164197755	0.000561091
RP11-192H23.8	TMEM184A	-0.312347631	2.78E-11
RP11-192H23.8	CKS2	-0.090192672	0.059018483
RP11-192H23.8	TAX1BP3	-0.269425304	1.11E-08
RP11-192H23.8	PMEPA1	-0.391345524	0
RP11-192H23.8	CXCL16	-0.430570015	0
RP11-192H23.8	FAXC	-0.412227212	0
RP11-192H23.8	VTCN1	-0.371018873	8.96E-16
RP11-192H23.8	SH2D4A	-0.42224531	0
RP11-192H23.8	RNF24	-0.469532108	0
RP11-192H23.8	LY6G6C	-0.330414891	1.21E-12
RP11-192H23.8	NID1	-0.292462775	5.05E-10
RP11-192H23.8	STAC	-0.486966302	0
RP11-192H23.8	RAB34	-0.326356034	3.14E-12
RP11-192H23.8	HES4	-0.14397561	0.002517451
RP11-192H23.8	EPHA10	-0.533791845	0
RP11-192H23.8	ENTPD2	-0.440541733	0
RP11-192H23.8	DDB2	-0.33373582	9.46E-13
RP11-192H23.8	NKAIN4	-0.107029023	0.024966169
RP11-192H23.8	TRIM29	-0.329943095	1.76E-12
RP11-192H23.8	ADCY8	-0.509824982	2.03E-30
RP11-192H23.8	SFTA2	-0.20274696	1.94E-05
RP11-192H23.8	NRIP1	-0.49254036	0
RP11-192H23.8	VWA1	-0.057915505	0.225790497
RP11-192H23.8	APLNR	-0.238916988	4.43E-07
RP11-192H23.8	REN	-0.362104496	4.78E-15
RP11-192H23.8	EDIL3	-0.266301625	1.66E-08
RP11-192H23.8	AGRN	-0.419788124	0
RP11-192H23.8	TREM1	-0.354078385	2.73E-14
RP11-192H23.8	SRL	-0.307294258	5.93E-11
RP11-192H23.8	RASGRF1	-0.394601111	0
RP11-192H23.8	RMI2	-0.346051963	1.16E-13
RP11-192H23.8	SAMD1	-0.199215499	2.72E-05
RP11-192H23.8	MGAT4B	-0.545533974	0
RP11-192H23.8	NXN	-0.314641989	1.96E-11
RP11-192H23.8	SH3BGR13	-0.269731531	1.07E-08
RP11-192H23.8	CA11	-0.267012513	1.52E-08
RP11-192H23.8	PLD3	-0.243960149	2.49E-07
RP11-192H23.8	LURAP1L	-0.461729222	0
RP11-192H23.8	CARNS1	-0.243249971	2.70E-07
RP11-192H23.8	PDLIM7	-0.275132405	5.31E-09
RP11-192H23.8	BCL2L1	-0.372757342	5.62E-16
RP11-192H23.8	GGT6	-0.348982602	6.91E-14
RP11-192H23.8	DPYSL3	-0.185031077	9.90E-05
RP11-192H23.8	FYN	-0.404705305	0
RP11-192H23.8	TK1	-0.225924991	1.85E-06

RP11-192H23.8	AK1	-0.217091658	4.67E-06
RP11-192H23.8	HIGD1B	-0.115321956	0.01567086
RP11-192H23.8	TMEM59L	-0.207676793	1.20E-05
RP11-192H23.8	MEGF9	-0.546850932	0
RP11-192H23.8	ZFP36L1	-0.408383567	0
RP11-192H23.8	ADRA1B	-0.361607525	6.45E-15
RP11-192H23.8	EPHA4	-0.406290051	0
RP11-192H23.8	TCERG1L	-0.080616538	0.091590738
RP11-192H23.8	NGFR	-0.327817098	2.48E-12
RP11-192H23.8	EBI3	-0.342834388	2.03E-13
RP11-192H23.8	S100A10	-0.229943946	1.20E-06
RP11-192H23.8	S100B	-0.27464179	5.66E-09
RP11-192H23.8	CD44	-0.321680515	6.59E-12
RP11-192H23.8	BHLHE41	-0.480413285	0
RP11-192H23.8	FBXO2	-0.289354414	7.79E-10
RP11-192H23.8	SLC30A2	-0.247772873	1.59E-07
RP11-192H23.8	FRMD5	-0.492859919	0
RP11-192H23.8	SAMD11	-0.309456849	4.30E-11
RP11-192H23.8	SIPA1L2	-0.419274531	0
RP11-192H23.8	S100A16	-0.332060156	1.25E-12
RP11-192H23.8	PPL	-0.49834703	0
RP11-192H23.8	ARHGD1B	-0.110075684	0.021108592
RP11-192H23.8	CDC42EP3	-0.403574863	0
RP11-192H23.8	RUNX2	-0.412858387	0
RP11-192H23.8	LAMC2	-0.480069188	0
RP11-192H23.8	BRINP1	-0.548007472	0
RP11-192H23.8	GPRC5B	-0.581792509	0
RP11-192H23.8	AQP5	0.013687283	0.77480964
RP11-192H23.8	PLAG1	-0.377619519	1.43E-16
RP11-192H23.8	PTPRU	-0.368088773	1.67E-15
RP11-192H23.8	ANGPTL4	-0.31182482	3.01E-11
RP11-192H23.8	PALM3	-0.264667661	2.04E-08
RP11-192H23.8	ACP5	-0.241544238	3.28E-07
RP11-192H23.8	DLG4	-0.318372022	1.10E-11
RP11-192H23.8	ETNK2	-0.369610118	1.19E-15
RP11-192H23.8	CD109	-0.424796535	0
RP11-192H23.8	SNX22	-0.274085931	6.09E-09
RP11-192H23.8	TMEM98	-0.405042736	0
RP11-192H23.8	CTHRC1	-0.239824037	3.99E-07
RP11-192H23.8	S100A2	-0.254613253	7.05E-08
RP11-192H23.8	C11orf80	-0.378815064	9.43E-17
RP11-192H23.8	SREBF1	-0.249653776	1.28E-07
RP11-192H23.8	PRSS22	-0.354244051	2.65E-14
RP11-192H23.8	CMTM3	-0.289029323	8.15E-10
RP11-192H23.8	RDH5	-0.453643087	0
RP11-192H23.8	MYH10	-0.497636001	0
RP11-192H23.8	EVPL	-0.363710686	4.22E-15
RP11-192H23.8	SCD	-0.458722984	0
RP11-192H23.8	CD151	-0.338169223	4.51E-13
RP11-192H23.8	S100A4	-0.28437976	1.54E-09
RP11-192H23.8	BNIPL	-0.292553834	4.99E-10

RP11-192H23.8	MAP3K6	-0.415714845	0
RP11-192H23.8	MANEAL	-0.466609979	0
RP11-192H23.8	CD207	-0.312305869	2.19E-11
RP11-192H23.8	CD1A	-0.324426007	3.23E-12
RP11-192H23.8	C3	-0.301577796	1.37E-10
RP11-192H23.8	NT5E	-0.334258773	8.67E-13
RP11-192H23.8	CACNG4	-0.364218296	3.23E-15
RP11-192H23.8	FHOD1	-0.239598516	4.10E-07
RP11-192H23.8	LEMD1	-0.469922302	0
RP11-192H23.8	ATP11A	-0.239810137	4.00E-07
RP11-192H23.8	PPAP2C	-0.219363605	3.69E-06
RP11-192H23.8	DRAM1	-0.37136436	7.89E-16
RP11-192H23.8	CDA	-0.200428915	2.42E-05
RP11-192H23.8	CCND2	-0.327827452	2.48E-12
RP11-192H23.8	LCN6	-0.216684451	4.61E-06
RP11-192H23.8	CDH4	-0.378963851	8.92E-17
RP11-192H23.8	MMP11	-0.319457927	9.33E-12
RP11-192H23.8	B3GAT1	-0.319592956	9.13E-12
RP11-192H23.8	SPP1	-0.285172346	1.39E-09
RP11-192H23.8	HLA-DQB1	-0.326103422	3.27E-12
RP11-192H23.8	SDC3	-0.407125472	0
RP11-192H23.8	CX3CL1	-0.33531858	7.27E-13
RP11-192H23.8	SDK1	-0.308509235	4.95E-11
RP11-192H23.8	DOCK9	-0.579720127	0
RP11-192H23.8	CSF2	-0.356959054	1.23E-14
RP11-192H23.8	GRHL3	-0.443415069	0
RP11-192H23.8	TMEM92	-0.472823078	7.79E-26
RP11-192H23.8	BASP1	-0.374530874	3.55E-16
RP11-192H23.8	HRH1	-0.439073718	0
RP11-192H23.8	ESM1	0.009404369	0.844168372
RP11-192H23.8	B4GALNT3	-0.455096208	0
RP11-192H23.8	LMO3	-0.167504546	0.000431572
RP11-192H23.8	C9orf16	-0.311527955	3.15E-11
RP11-192H23.8	SEMA3F	-0.295467311	3.30E-10
RP11-192H23.8	PLA2G12B	-0.327984176	1.81E-12
RP11-192H23.8	KLK6	-0.349660749	4.53E-14
RP11-192H23.8	ST3GAL5	-0.346910504	9.99E-14
RP11-192H23.8	FAM132B	-0.182684949	0.000121548
RP11-192H23.8	CDKN1A	-0.22133656	3.01E-06
RP11-192H23.8	E2F1	-0.38322549	2.50E-18
RP11-192H23.8	B3GNT8	-0.276667225	4.34E-09
RP11-192H23.8	MTMR11	-0.37749144	1.49E-16
RP11-192H23.8	MYO1G	-0.219990242	3.46E-06
RP11-192H23.8	TMSB10	-0.214469231	6.10E-06
RP11-192H23.8	UNC5CL	-0.447903931	0
RP11-192H23.8	ABR	-0.463141778	0
RP11-192H23.8	PLP2	-0.351799913	4.15E-14
RP11-192H23.8	SRCIN1	-0.44750934	0
RP11-192H23.8	PDE9A	-0.366848691	2.18E-15
RP11-192H23.8	TREM2	-0.255410094	6.41E-08
RP11-192H23.8	KDEL3	-0.312627618	2.66E-11

RP11-192H23.8	PC	-0.55633856	0
RP11-192H23.8	C2CD4A	-0.511614759	0
RP11-192H23.8	PELI1	-0.338625513	4.18E-13
RP11-192H23.8	SSX1	-0.209305225	1.02E-05
RP11-192H23.8	MROH6	-0.382208376	1.50E-17
RP11-192H23.8	ESPN	-0.378917896	9.07E-17
RP11-192H23.8	BMP1	-0.316032844	1.58E-11
RP11-192H23.8	TM4SF4	-0.365731416	2.43E-15
RP11-192H23.8	CORO2A	-0.594591325	0
RP11-192H23.8	CD164L2	-0.397325533	4.71E-18
RP11-192H23.8	CTSS	-0.337459612	5.08E-13
RP11-192H23.8	CLU	-0.392088467	0
RP11-192H23.8	TMSB4X	-0.294556433	3.76E-10
RP11-192H23.8	WNT10A	-0.325246879	2.83E-12
RP11-192H23.8	NAPSA	-0.195316822	3.91E-05
RP11-192H23.8	PLEKHA4	-0.445645316	0
RP11-192H23.8	SFTPA1	0.007625576	0.873416496
RP11-192H23.8	Clorf116	-0.369500336	1.22E-15
RP11-192H23.8	TM4SF1	-0.236622631	5.73E-07
RP11-192H23.8	SEL1L3	-0.395697512	0
RP11-192H23.8	VASN	-0.452685828	0
RP11-192H23.8	NPTXR	-0.595179949	0
RP11-192H23.8	PDE4C	-0.331749107	1.31E-12
RP11-192H23.8	CDC42EP1	-0.401733108	0
RP11-192H23.8	ENDOD1	-0.644974285	0
RP11-192H23.8	RYR1	-0.353949171	2.80E-14
RP11-192H23.8	IL1RAP	-0.520682123	0
RP11-192H23.8	SLC35F2	-0.510883678	1.48E-30
RP11-192H23.8	ISYNA1	-0.271963622	8.03E-09
RP11-192H23.8	HLA-G	-0.33953086	3.58E-13
RP11-192H23.8	CDKN2B	-0.432217312	0
RP11-192H23.8	ALDH1A3	-0.346773631	1.02E-13
RP11-192H23.8	CLIP3	-0.348378802	7.69E-14
RP11-192H23.8	ULBP2	-0.420609077	0
RP11-192H23.8	ETHE1	-0.470689782	0
RP11-192H23.8	XPR1	-0.418041116	0
RP11-192H23.8	SPTBN2	-0.625269136	0
RP11-192H23.8	IVL	-0.420495211	3.08E-20
RP11-192H23.8	MARCO	-0.302883265	1.14E-10
RP11-192H23.8	PLXND1	-0.321716258	6.55E-12
RP11-192H23.8	EMILIN2	-0.344183259	1.61E-13
RP11-192H23.8	PLAUR	-0.313915783	2.19E-11
RP11-192H23.8	CDC42EP5	-0.321854407	6.41E-12
RP11-192H23.8	TRPC5	-0.413531926	1.46E-19
RP11-192H23.8	TMEM100	-0.329920543	1.77E-12
RP11-192H23.8	QSOX1	-0.453048505	0
RP11-192H23.8	ARHGAP23	-0.448346463	0
RP11-192H23.8	MDFI	-0.116822309	0.014361379
RP11-192H23.8	FSTL3	-0.373764102	4.35E-16
RP11-192H23.8	INF2	-0.485292624	0
RP11-192H23.8	TGFBR1	-0.604064769	0

RP11-192H23.8	TGFBI	-0.322713373	5.60E-12
RP11-192H23.8	ERBB3	-0.447464519	0
RP11-192H23.8	CCL18	-0.25110945	1.07E-07
RP11-192H23.8	CCL17	-0.255089622	5.98E-08
RP11-192H23.8	C16orf45	-0.366842876	2.19E-15
RP11-192H23.8	PRDM1	-0.354670413	2.45E-14
RP11-192H23.8	TRIM47	-0.386722626	0
RP11-192H23.8	CNFN	-0.253025528	8.54E-08
RP11-192H23.8	ARMCX3	-0.459737545	0
RP11-192H23.8	RAMP1	-0.312331178	2.79E-11
RP11-192H23.8	GABRD	-0.081084175	0.089720039
RP11-192H23.8	COL13A1	-0.167040597	0.00044789
RP11-192H23.8	S100A5	-0.330902623	1.51E-12
RP11-192H23.8	MISP	-0.238889046	4.44E-07
RP11-192H23.8	HES6	-0.232856997	8.71E-07
RP11-192H23.8	PSD3	-0.632518715	0
RP11-192H23.8	DOK7	-0.382632043	9.31E-18
RP11-192H23.8	ZMAT3	-0.502479171	0
RP11-192H23.8	MFAP2	-0.238298153	4.75E-07
RP11-192H23.8	TMEM79	-0.412635135	0
RP11-192H23.8	SLC1A5	-0.327772419	2.50E-12
RP11-192H23.8	BBC3	-0.287026441	1.07E-09
RP11-192H23.8	HLA-DQB2	-0.28474953	1.47E-09
RP11-192H23.8	C1QL1	-0.404905154	0
RP11-192H23.8	TMEM215	-0.306892565	5.00E-11
RP11-192H23.8	PNP	-0.345165623	1.36E-13
RP11-192H23.8	ARNTL	-0.428676773	0
RP11-192H23.8	CLDN2	-0.401427038	1.99E-18
RP11-192H23.8	MVP	-0.43966759	0
RP11-192H23.8	LGALS1	-0.276952743	4.18E-09
RP11-192H23.8	BIRC7	-0.364174326	3.25E-15
RP11-192H23.8	COL8A1	-0.567881691	0
RP11-192H23.8	PERP	-0.454323196	0
RP11-192H23.8	GJA4	-0.190135795	6.28E-05
RP11-192H23.8	IGFL2	-0.344481014	1.12E-13
RP11-192H23.8	DAPK2	-0.347502106	8.99E-14
RP11-192H23.8	MAMLD1	-0.459893707	0
RP11-192H23.8	ETV5	-0.432647787	0
RP11-192H23.8	RUNX1	-0.487885832	0
RP11-192H23.8	LONRF2	-0.389484621	0
RP11-192H23.8	SPOCK1	-0.238527787	4.63E-07
RP11-192H23.8	XKRX	-0.350568341	5.19E-14
RP11-192H23.8	TGFB1	-0.234753785	7.06E-07
RP11-192H23.8	ERP27	-0.199079903	2.75E-05
RP11-192H23.8	TNFRSF10C	-0.406239132	0
RP11-192H23.8	PALM	-0.424494989	0
RP11-192H23.8	TSC22D1	-0.397741244	0
RP11-192H23.8	TGM2	-0.434146013	0
RP11-192H23.8	UBE2QL1	-0.33081823	1.53E-12
RP11-192H23.8	ECE1	-0.481001625	0
RP11-192H23.8	COL8A2	-0.401381635	0

RP11-192H23.8	HIST3H2A	-0.299911352	1.75E-10
RP11-192H23.8	TNFRSF21	-0.457731258	0
RP11-192H23.8	SOX4	-0.392499227	0
RP11-192H23.8	ELF3	-0.407805155	0
RP11-192H23.8	TPD52L1	-0.542276117	0
RP11-192H23.8	INHBB	-0.372098225	6.61E-16
RP11-192H23.8	HPN	-0.284725701	1.47E-09
RP11-192H23.8	MMP7	-0.354430845	1.93E-14
RP11-192H23.8	RAB27A	-0.59934996	0
RP11-192H23.8	IGF2BP2	-0.435013772	0
RP11-192H23.8	ITGB4	-0.306936545	6.25E-11
RP11-192H23.8	PPP1R1B	-0.394286517	0
RP11-192H23.8	NPDC1	-0.230645472	1.11E-06
RP11-192H23.8	CCL13	-0.387035585	3.88E-17
RP11-192H23.8	SPINT1	-0.517593903	0
RP11-192H23.8	HEY2	-0.334456069	8.39E-13
RP11-192H23.8	CST2	-0.296205685	2.43E-10
RP11-192H23.8	ADM	-0.408337187	0
RP11-192H23.8	VSTM2L	-0.29538306	3.34E-10
RP11-192H23.8	FAM84A	-0.377673133	1.41E-16
RP11-192H23.8	P4HA2	-0.4991121	0
RP11-192H23.8	LPL	-0.265993839	1.73E-08
RP11-192H23.8	TMEM173	-0.283249318	1.80E-09
RP11-192H23.8	DHRS3	-0.338850041	4.02E-13
RP11-192H23.8	SCN1B	-0.441241983	0
RP11-192H23.8	GLT1D1	-0.390103598	0
RP11-192H23.8	PHYHIP	-0.473878139	0
RP11-192H23.8	BHLHE40	-0.460340778	0
RP11-192H23.8	BID	-0.398185761	0
RP11-192H23.8	POSTN	-0.27995586	2.80E-09
RP11-192H23.8	ITGA3	-0.568524497	0
RP11-192H23.8	RSP04	-0.43713523	0
RP11-192H23.8	ADAMTS9	-0.331894207	1.28E-12
RP11-192H23.8	ABTB2	-0.587116508	0
RP11-192H23.8	KCNQ3	-0.572136805	0
RP11-192H23.8	ANXA1	-0.432431769	0
RP11-192H23.8	S100A11	-0.337272954	5.25E-13
RP11-192H23.8	CEACAM6	-0.357875186	1.04E-14
RP11-192H23.8	IER5L	-0.457531835	0
RP11-192H23.8	KRT80	-0.460889262	0
RP11-192H23.8	CDH6	-0.377748733	1.37E-16
RP11-192H23.8	UNC5B	-0.483661214	0
RP11-192H23.8	PLEKHN1	-0.414479302	0
RP11-192H23.8	SYTL1	-0.185920679	9.15E-05
RP11-192H23.8	TMEM163	-0.2794617	2.99E-09
RP11-192H23.8	C4orf48	-0.159451459	0.00081093
RP11-192H23.8	B3GNT7	-0.345320509	1.32E-13
RP11-192H23.8	BAIAP3	-0.398288026	0
RP11-192H23.8	PHLDA2	-0.386604192	0
RP11-192H23.8	GAP43	-0.402084654	1.73E-18
RP11-192H23.8	S100A1	-0.374890147	3.22E-16

RP11-192H23.8	PTPRE	-0.538309358	0
RP11-192H23.8	CCND1	-0.490885546	0
RP11-192H23.8	ST6GALNAC5	-0.440100506	3.20E-22
RP11-192H23.8	KRT17	-0.169597353	0.000364615
RP11-192H23.8	HPCAL4	-0.359403802	9.95E-15
RP11-192H23.8	GABBR2	-0.334169132	8.80E-13
RP11-192H23.8	DIRAS3	-0.379999688	5.83E-17
RP11-192H23.8	SERINC2	-0.380304921	5.07E-17
RP11-192H23.8	PTCHD4	-0.315670734	1.67E-11
RP11-192H23.8	EPS8	-0.575950522	0
RP11-192H23.8	LY6E	-0.431829529	0
RP11-192H23.8	UPP1	-0.361126556	7.09E-15
RP11-192H23.8	AHNAK2	-0.491189219	0
RP11-192H23.8	PLXNC1	-0.510018808	0
RP11-192H23.8	TNC	-0.473130941	0
RP11-192H23.8	DUSP4	-0.485944508	0
RP11-192H23.8	NRCAM	-0.580699654	0
RP11-192H23.8	NRP2	-0.42066567	0
RP11-192H23.8	CTSC	-0.403944207	0
RP11-192H23.8	AMIGO2	-0.348489576	7.54E-14
RP11-192H23.8	NAB2	-0.385058167	0
RP11-192H23.8	TBC1D2	-0.528113538	0
RP11-192H23.8	PHLDA3	-0.297208078	2.58E-10
RP11-192H23.8	PTP4A3	-0.309775699	4.10E-11
RP11-192H23.8	CRABP2	-0.182774731	0.000120604
RP11-192H23.8	GOS2	-0.341376728	2.61E-13
RP11-192H23.8	S100A6	-0.343528539	1.80E-13
RP11-192H23.8	FOXQ1	-0.351479361	4.40E-14
RP11-192H23.8	LRG1	-0.42426039	0
RP11-192H23.8	LAMP5	-0.274485911	5.78E-09
RP11-192H23.8	ALDH3B1	-0.399624273	0
RP11-192H23.8	CDH2	-0.216193687	5.12E-06
RP11-192H23.8	SCG5	-0.250984208	1.09E-07
RP11-192H23.8	ZCCHC16	-0.390152223	2.06E-17
RP11-192H23.8	GRB7	-0.488262552	0
RP11-192H23.8	TIAM1	-0.357867848	1.34E-14
RP11-192H23.8	FXYS5	-0.201011724	2.29E-05
RP11-192H23.8	CLDN9	-0.405000043	0
RP11-192H23.8	FAM43A	-0.562929589	0
RP11-192H23.8	CHST2	-0.358745536	1.13E-14
RP11-192H23.8	HMGA2	-0.412915122	0
RP11-192H23.8	GALNT7	-0.561503842	0
RP11-192H23.8	CBLN1	-0.218603074	3.99E-06
RP11-192H23.8	STRA6	-0.365309616	3.03E-15
RP11-192H23.8	MUC21	-0.420359829	3.18E-20
RP11-192H23.8	PRR36	-0.376190226	2.23E-16
RP11-192H23.8	NFE2L3	-0.29065194	6.51E-10
RP11-192H23.8	NR1D1	-0.232905505	8.67E-07
RP11-192H23.8	MUC1	-0.367424408	1.93E-15
RP11-192H23.8	NAT8L	-0.325369415	3.68E-12
RP11-192H23.8	APOC1	-0.159703787	0.000795404

RP11-192H23.8	EVA1A	-0.436954246	0
RP11-192H23.8	ENTPD1	-0.387623434	0
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RP11-192H23.8	FNDC4	-0.248056831	1.54E-07
RP11-192H23.8	FRMD3	-0.301134555	1.46E-10
RP11-192H23.8	SHROOM4	-0.514790634	0
RP11-192H23.8	NELL2	-0.363563176	4.35E-15
RP11-192H23.8	EPHB3	-0.468216143	0
RP11-192H23.8	TMC6	-0.461633056	0
RP11-192H23.8	NOD1	-0.433085638	0
RP11-192H23.8	GGCT	-0.485154617	0
RP11-192H23.8	ICAM1	-0.480709299	0
RP11-192H23.8	PRSS23	-0.364577879	3.53E-15
RP11-192H23.8	CFI	-0.341745646	2.45E-13
RP11-192H23.8	CD55	-0.418634562	0
RP11-192H23.8	RASD2	-0.434281467	0
RP11-192H23.8	KLK11	-0.275149495	4.57E-09
RP11-192H23.8	ICAM5	-0.318097141	1.15E-11
RP11-192H23.8	ADORA1	-0.506696273	0
RP11-192H23.8	ITGA2	-0.475877901	0
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RP11-192H23.8	MFGE8	-0.495297815	0
RP11-192H23.8	STK32A	-0.357105615	1.55E-14
RP11-192H23.8	CYSLTR2	-0.322080779	6.19E-12
RP11-192H23.8	LAD1	-0.563852523	0
RP11-192H23.8	MGAT3	-0.422452676	0
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RP11-192H23.8	CYP2S1	-0.378351399	1.12E-16
RP11-192H23.8	KCNJ2	-0.353061413	3.30E-14
RP11-192H23.8	FAM20A	-0.286830564	1.10E-09
RP11-192H23.8	TGFA	-0.511089394	0
RP11-192H23.8	MXRA8	-0.322944	5.40E-12
RP11-192H23.8	C8orf4	-0.317322569	1.30E-11
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RP11-192H23.8	PDE5A	-0.594516718	0
RP11-192H23.8	APOE	-0.233646179	7.99E-07
RP11-192H23.8	SPOCK2	-0.399066995	0
RP11-192H23.8	TENM1	-0.218689028	3.96E-06
RP11-192H23.8	SLIT1	-0.236131307	6.06E-07
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RP11-192H23.8	ECM1	-0.158632775	0.000863256
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RP11-192H23.8	SEZ6L2	-0.36014178	8.61E-15
RP11-192H23.8	THRSP	-0.329001438	2.05E-12
RP11-192H23.8	C19orf33	-0.268682361	1.23E-08
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RP11-192H23.8	CYP1B1	-0.610096109	0
RP11-192H23.8	ALOX5	-0.365886468	2.68E-15
RP11-192H23.8	SYTL5	-0.460128535	2.19E-24
RP11-192H23.8	TNFRSF12A	-0.381551244	2.52E-17

RP11-192H23.8	DUSP6	-0.370413058	9.87E-16
RP11-192H23.8	ALOX15B	-0.368057853	1.68E-15
RP11-192H23.8	SDC4	-0.484999731	0
RP11-192H23.8	MDK	-0.313403893	2.37E-11
RP11-192H23.8	KRT19	-0.380566469	4.46E-17
RP11-192H23.8	MET	-0.578169989	0
RP11-192H23.8	TESC	-0.275045459	5.37E-09
RP11-192H23.8	CXCL17	-0.516407525	2.71E-31
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RP11-192H23.8	COMP	-0.29490365	3.58E-10
RP11-192H23.8	TUSC3	-0.386625184	0
RP11-192H23.8	TMPRSS4	-0.434557199	0
RP11-192H23.8	LGALS3	-0.40404094	0
RP11-192H23.8	CRLF1	-0.283059257	1.85E-09
RP11-192H23.8	CTXN1	-0.35735922	1.47E-14
RP11-192H23.8	PCSK1N	-0.137731372	0.00386197
RP11-192H23.8	NMU	-0.285425282	1.13E-09
RP11-192H23.8	GALE	-0.398868423	0
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RP11-192H23.8	GJB3	-0.477380807	0
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RP11-192H23.8	AGR2	-0.230073585	1.18E-06
RP11-192H23.8	MRC2	-0.370163141	1.05E-15
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RP11-192H23.8	SLC27A6	-0.401146484	2.11E-18
RP11-192H23.8	KCNN4	-0.369715361	1.16E-15
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RP11-192H23.8	CAMK2N1	-0.508361583	0
RP11-192H23.8	KLHDC8A	-0.192208603	5.21E-05
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RP11-192H23.8	TMPRSS6	-0.458898862	0
RP11-192H23.8	KLK7	-0.420768486	2.90E-20
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RP11-192H23.8	LRP4	-0.366525444	2.34E-15

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RP11-192H23.8	ARHGAP36	-0.145315312	0.002271482
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RP11-192H23.8	SFTPB	-0.374573141	3.51E-16
RP11-192H23.8	RXRG	-0.367560004	1.87E-15
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RP11-192H23.8	CITED1	-0.427921348	0
RP11-192H23.8	SERPINA1	-0.522783015	0
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LINC00982	ZMAT4	0.662170075	9.94E-57
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LINC00982	CITED2	0.423460713	0
LINC00982	RGS8	0.640318119	5.05E-52
LINC00982	ABI3BP	0.286065211	1.23E-09
LINC00982	ADH1B	0.406913382	6.16E-19
LINC00982	OGN	0.231073779	9.87E-07
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LINC00982	DES	0.293963706	3.36E-10
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LINC00982	AVPRIA	0.57179753	0
LINC00982	PDLIM3	0.461483843	0
LINC00982	GPM6A	0.478137934	0
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LINC00982	PLCD3	-0.488377014	0
LINC00982	PLAU	-0.617909491	0
LINC00982	LRRK2	-0.235167098	6.74E-07
LINC00982	SFN	-0.581395365	0
LINC00982	LPAR5	-0.475931799	0
LINC00982	NGEF	-0.562352312	0
LINC00982	DTX4	-0.546865116	0
LINC00982	CST6	-0.382799269	7.26E-18
LINC00982	QPCT	-0.390461169	0
LINC00982	TIMP1	-0.349600161	6.18E-14
LINC00982	CAMK2N1	-0.425539478	0
LINC00982	KLHDC8A	-0.154941464	0.00114027
LINC00982	PDLIM4	-0.50195409	0
LINC00982	SCEL	-0.633024365	0
LINC00982	LCN2	-0.705023162	0
LINC00982	PROS1	-0.742798929	0
LINC00982	GABRB2	-0.582344114	0
LINC00982	TMPRSS6	-0.564720567	0

LINC00982	KLK7	-0.442694565	1.71E-22
LINC00982	PDZK1IP1	-0.620274625	0
LINC00982	CDH3	-0.389708298	0
LINC00982	LRP4	-0.233033726	8.54E-07
LINC00982	IGSF1	-0.213753663	6.56E-06
LINC00982	B3GNT3	-0.654394965	0
LINC00982	CLDN1	-0.600532315	0
LINC00982	GDF15	-0.631163887	0
LINC00982	ARHGAP36	-0.22926155	1.21E-06
LINC00982	LAMB3	-0.566467291	0
LINC00982	KLK10	-0.438700687	0
LINC00982	DPP4	-0.674708454	0
LINC00982	METTL7B	-0.347240133	9.42E-14
LINC00982	LIPH	-0.648459649	0
LINC00982	CLDN16	-0.584293665	0
LINC00982	CHI3L1	-0.651836365	0
LINC00982	SLC22A31	-0.351732736	3.14E-14
LINC00982	TACSTD2	-0.587517056	0
LINC00982	SFTPB	-0.601142782	0
LINC00982	RXRG	-0.261870633	2.90E-08
LINC00982	DCSTAMP	-0.635687649	4.49E-51
LINC00982	CITED1	-0.445092861	0
LINC00982	SERPINA1	-0.568738245	0
LINC00982	PRR15	-0.205213082	1.53E-05
LINC00982	SLC34A2	-0.76313653	0
LINC00982	FN1	-0.773348519	0
LINC00982	ZCCHC12	-0.158759719	0.000854943
RP1-167F1.2	TFF3	0.588922095	0
RP1-167F1.2	CCL21	0.258400821	3.97E-08
RP1-167F1.2	TPO	0.559320969	0
RP1-167F1.2	MT1G	0.494128368	0
RP1-167F1.2	DIO1	0.644950598	0
RP1-167F1.2	DPT	0.21217502	7.32E-06
RP1-167F1.2	CDH16	0.56398656	0
RP1-167F1.2	CRABP1	0.421879528	2.26E-20
RP1-167F1.2	SLC26A7	0.591971309	0
RP1-167F1.2	MT1H	0.446762489	6.32E-23
RP1-167F1.2	SLC26A4	0.519025749	0
RP1-167F1.2	SLC5A8	0.562152152	6.13E-38
RP1-167F1.2	PKHD1L1	0.634018584	9.78E-51
RP1-167F1.2	TFCP2L1	0.561807799	0
RP1-167F1.2	WSCD2	0.57615883	3.45E-40
RP1-167F1.2	IPCEF1	0.549905536	0
RP1-167F1.2	SLC5A5	0.423114586	1.70E-20
RP1-167F1.2	MT1F	0.521746753	0
RP1-167F1.2	FOSB	0.482276883	0
RP1-167F1.2	SEMA3D	0.61673347	2.36E-47
RP1-167F1.2	BMP8A	0.599799868	0
RP1-167F1.2	MATN2	0.627868585	0
RP1-167F1.2	PLA2R1	0.651115691	0
RP1-167F1.2	COL23A1	0.470719568	0

RP1-167F1.2	HGD	0.537157073	0
RP1-167F1.2	TCEAL2	0.451031298	0
RP1-167F1.2	CHRDL1	0.332052012	9.26E-13
RP1-167F1.2	TNFRSF11B	0.578115807	0
RP1-167F1.2	FAM167A	0.560014552	0
RP1-167F1.2	KIT	0.604702043	0
RP1-167F1.2	SLC4A4	0.603417566	0
RP1-167F1.2	SMOC2	0.411483418	0
RP1-167F1.2	FHL1	0.66449618	0
RP1-167F1.2	OTOS	0.432370496	0
RP1-167F1.2	IGFBPL1	0.551136335	3.03E-36
RP1-167F1.2	HBB	0.273512767	6.57E-09
RP1-167F1.2	BEX1	0.472705146	0
RP1-167F1.2	FABP4	0.376368427	3.20E-16
RP1-167F1.2	LMOD1	0.545698363	0
RP1-167F1.2	SOD3	0.47998054	0
RP1-167F1.2	TMEM171	0.514689079	0
RP1-167F1.2	PI16	0.29064031	6.52E-10
RP1-167F1.2	ZMAT4	0.566071706	1.47E-38
RP1-167F1.2	MFAP4	0.2163985	5.01E-06
RP1-167F1.2	CWH43	0.526586609	1.10E-32
RP1-167F1.2	SPX	0.585135185	0
RP1-167F1.2	APOD	0.162267493	0.00065253
RP1-167F1.2	DPP6	0.553913854	0
RP1-167F1.2	MMRN1	0.393790796	0
RP1-167F1.2	WDR72	0.547749328	0
RP1-167F1.2	MPPED2	0.63049399	0
RP1-167F1.2	PAPSS2	0.410986279	0
RP1-167F1.2	DCN	0.09355251	0.050157272
RP1-167F1.2	SORBS2	0.650446361	0
RP1-167F1.2	EGR2	0.484954484	0
RP1-167F1.2	EDN3	0.418238706	5.12E-20
RP1-167F1.2	DIO2	0.470827081	0
RP1-167F1.2	ITPR1	0.669452963	0
RP1-167F1.2	CFD	0.229364967	1.28E-06
RP1-167F1.2	CPXM1	0.381365012	2.85E-17
RP1-167F1.2	ELMO1	0.556847897	0
RP1-167F1.2	GPC3	0.412288429	1.92E-19
RP1-167F1.2	MYOC	0.267882255	1.19E-08
RP1-167F1.2	DEPTOR	0.622588982	0
RP1-167F1.2	DGKI	0.681897611	0
RP1-167F1.2	CARTPT	0.437522362	5.93E-22
RP1-167F1.2	IYD	0.409324657	0
RP1-167F1.2	LYVE1	0.382383119	1.25E-17
RP1-167F1.2	CLCNKB	0.60510713	0
RP1-167F1.2	NCAM1	0.41124811	0
RP1-167F1.2	HBA2	0.253477705	8.09E-08
RP1-167F1.2	GLT8D2	0.445526741	0
RP1-167F1.2	OGDHL	0.448009741	0
RP1-167F1.2	LIFR	0.546504991	0
RP1-167F1.2	CSGALNACT1	0.623191222	0

RP1-167F1.2	RAP1GAP	0.515588184	0
RP1-167F1.2	COL9A3	0.490752077	0
RP1-167F1.2	FBLN1	0.138690049	0.003620295
RP1-167F1.2	EFEMP1	0.489902756	0
RP1-167F1.2	AOX1	0.44206437	1.99E-22
RP1-167F1.2	GRIN2C	0.582513184	0
RP1-167F1.2	C11orf74	0.481376501	0
RP1-167F1.2	PPARGC1A	0.511949778	0
RP1-167F1.2	ANGPTL1	0.596224721	0
RP1-167F1.2	SCARA5	0.25962702	3.41E-08
RP1-167F1.2	LTF	0.371185645	8.23E-16
RP1-167F1.2	CA4	0.530082071	3.56E-33
RP1-167F1.2	TG	0.557253976	0
RP1-167F1.2	FCGBP	0.563997481	0
RP1-167F1.2	PBX4	0.620956152	0
RP1-167F1.2	CYR61	0.486665466	0
RP1-167F1.2	FOS	0.538808057	0
RP1-167F1.2	KHDRBS2	0.539084356	0
RP1-167F1.2	MUM1L1	0.530226627	0
RP1-167F1.2	RGS16	0.491904362	0
RP1-167F1.2	MT1M	0.401606731	0
RP1-167F1.2	LRP2	0.612400253	0
RP1-167F1.2	MAFB	0.443000621	0
RP1-167F1.2	KCNK2	0.581421463	0
RP1-167F1.2	TBC1D4	0.543621301	0
RP1-167F1.2	MIOX	0.562675224	5.07E-38
RP1-167F1.2	TPPP	0.5306893	0
RP1-167F1.2	FMOD	0.512358695	0
RP1-167F1.2	CITED2	0.55748049	0
RP1-167F1.2	RGS8	0.53733824	3.30E-34
RP1-167F1.2	ABI3BP	0.322847267	5.48E-12
RP1-167F1.2	ADH1B	0.320805024	5.77E-12
RP1-167F1.2	OGN	0.224684109	1.98E-06
RP1-167F1.2	NR4A1	0.488944788	0
RP1-167F1.2	FOXJ1	0.545250835	2.30E-35
RP1-167F1.2	ALDH1A1	0.562057433	0
RP1-167F1.2	OCA2	0.634732272	7.02E-51
RP1-167F1.2	TMEM139	0.418209476	0
RP1-167F1.2	ARHGAP24	0.485947344	0
RP1-167F1.2	SLC25A15	0.593433792	0
RP1-167F1.2	DES	0.232182428	8.73E-07
RP1-167F1.2	GDF10	0.448062865	4.58E-23
RP1-167F1.2	KIAA1324	0.467790631	0
RP1-167F1.2	JUN	0.528333669	0
RP1-167F1.2	C7	0.085078876	0.074961386
RP1-167F1.2	LGI3	0.483459947	0
RP1-167F1.2	CDON	0.630884893	0
RP1-167F1.2	BCL2	0.65782714	0
RP1-167F1.2	HLF	0.52873138	0
RP1-167F1.2	EGR1	0.54146722	0
RP1-167F1.2	IP6K3	0.417094211	0

RP1-167F1.2	SCUBE3	0.55234783	0
RP1-167F1.2	PKNOX2	0.626849911	0
RP1-167F1.2	SMAD9	0.740998306	0
RP1-167F1.2	IQGAP2	0.560866426	0
RP1-167F1.2	GNA14	0.625784856	0
RP1-167F1.2	LAYN	0.532811184	0
RP1-167F1.2	AVPR1A	0.494693164	0
RP1-167F1.2	PDLIM3	0.423923243	0
RP1-167F1.2	GPM6A	0.464494478	0
RP1-167F1.2	SDPR	0.461622276	0
RP1-167F1.2	CRYAB	0.254087179	7.52E-08
RP1-167F1.2	FOXA2	0.510404767	1.71E-30
RP1-167F1.2	C8orf88	0.533086631	0
RP1-167F1.2	ISM1	0.513229149	0
RP1-167F1.2	BMP2	0.48181109	0
RP1-167F1.2	ID4	0.82164775	0
RP1-167F1.2	NUPR1	0.227372581	1.58E-06
RP1-167F1.2	SERTM1	0.44749287	5.28E-23
RP1-167F1.2	IRS1	0.576564109	0
RP1-167F1.2	FIBIN	0.218624066	3.99E-06
RP1-167F1.2	PODN	0.184790237	0.000101132
RP1-167F1.2	TDRD9	0.4386909	0
RP1-167F1.2	EPHA3	0.354675945	2.44E-14
RP1-167F1.2	AIF1L	0.497140989	0
RP1-167F1.2	EBF4	0.595866157	0
RP1-167F1.2	ADM2	0.470256186	0
RP1-167F1.2	GSTM3	0.500089641	0
RP1-167F1.2	HSD17B6	0.454409716	0
RP1-167F1.2	AGR3	0.448906818	3.72E-23
RP1-167F1.2	EPHB1	0.410267448	0
RP1-167F1.2	TMOD1	0.364030104	3.95E-15
RP1-167F1.2	WASF3	0.649818448	0
RP1-167F1.2	SELV	0.574133532	7.42E-40
RP1-167F1.2	ENPP1	0.240572511	3.67E-07
RP1-167F1.2	SYNE1	0.664733852	2.62E-57
RP1-167F1.2	PLCH1	0.579110085	0
RP1-167F1.2	CCDC146	0.710075684	0
RP1-167F1.2	SLC16A2	0.586323071	0
RP1-167F1.2	IER2	0.541087238	0
RP1-167F1.2	KCNAB1	0.55234471	0
RP1-167F1.2	SYNDIG1	0.495624041	0
RP1-167F1.2	C16orf89	0.417919987	0
RP1-167F1.2	CTGF	0.392290017	0
RP1-167F1.2	NR4A3	0.253073469	8.49E-08
RP1-167F1.2	KIAA1456	0.602012527	0
RP1-167F1.2	AQP4	0.363385737	4.51E-15
RP1-167F1.2	RNF150	0.603808327	0
RP1-167F1.2	C1S	0.012871152	0.787906919
RP1-167F1.2	PFKFB2	0.45735156	0
RP1-167F1.2	PROX1	0.568671156	0
RP1-167F1.2	TCF7L1	0.646735051	0

RP1-167F1.2	HSPB6	0.284066159	1.61E-09
RP1-167F1.2	FHDC1	0.381400613	2.79E-17
RP1-167F1.2	PRR15L	0.312634142	2.66E-11
RP1-167F1.2	SLC1A1	0.392154137	0
RP1-167F1.2	BTBD11	0.596323014	0
RP1-167F1.2	TRIM58	0.598393836	0
RP1-167F1.2	LRIG1	0.509627337	0
RP1-167F1.2	ROR2	0.516588845	0
RP1-167F1.2	GPR125	0.655747099	0
RP1-167F1.2	FLRT1	0.691067239	0
RP1-167F1.2	PGF	0.552550373	0
RP1-167F1.2	DUSP1	0.488211491	0
RP1-167F1.2	PLA2G7	0.483653412	0
RP1-167F1.2	PLSCR4	0.48321003	0
RP1-167F1.2	FAM46B	0.315465353	1.73E-11
RP1-167F1.2	GLDC	0.511248536	0
RP1-167F1.2	ZBTB16	0.448437522	0
RP1-167F1.2	OMD	0.139544725	0.003391824
RP1-167F1.2	HSD11B2	0.538152061	0
RP1-167F1.2	FGL2	0.158672773	0.000860629
RP1-167F1.2	CLCNKA	0.615319212	4.36E-47
RP1-167F1.2	GATM	0.380930707	3.68E-17
RP1-167F1.2	TNS3	0.54274035	0
RP1-167F1.2	TOB1	0.577416834	0
RP1-167F1.2	MARC2	0.551620489	0
RP1-167F1.2	LRRC2	0.541785928	0
RP1-167F1.2	SORD	0.429029806	0
RP1-167F1.2	RIMS4	0.55263888	0
RP1-167F1.2	SLC29A4	0.603781945	0
RP1-167F1.2	SLC39A14	0.501059098	0
RP1-167F1.2	FAXDC2	0.606881938	0
RP1-167F1.2	HSPB8	0.351711832	4.22E-14
RP1-167F1.2	CCL19	-0.105987459	0.02637736
RP1-167F1.2	KCNIP3	0.566431832	0
RP1-167F1.2	CGNL1	0.529442694	0
RP1-167F1.2	ATF3	0.301720343	1.35E-10
RP1-167F1.2	SGCD	0.412415713	0
RP1-167F1.2	STARD13	0.666775787	0
RP1-167F1.2	LDHD	0.432134904	0
RP1-167F1.2	RCAN1	0.497579408	0
RP1-167F1.2	ID3	0.64523328	0
RP1-167F1.2	SYTL3	0.466884859	0
RP1-167F1.2	MT1E	0.295613261	3.24E-10
RP1-167F1.2	CAMK1D	0.41103351	0
RP1-167F1.2	PRKCQ	0.502249253	0
RP1-167F1.2	NUAK2	0.445261363	0
RP1-167F1.2	LIPG	0.603040988	0
RP1-167F1.2	SLC25A25	0.468144231	0
RP1-167F1.2	PRKX	0.426553329	0
RP1-167F1.2	SRPX	0.224356272	2.19E-06
RP1-167F1.2	FAM189A1	0.523633896	0

RP1-167F1.2	PLEKHH1	0.729678994	0
RP1-167F1.2	WNT11	0.465308623	0
RP1-167F1.2	SNAI1	0.541989039	0
RP1-167F1.2	FDCSP	-0.096208573	0.043933802
RP1-167F1.2	MT1X	0.256851301	5.38E-08
RP1-167F1.2	ACACB	0.667326824	0
RP1-167F1.2	ARC	0.344962087	1.41E-13
RP1-167F1.2	KLK4	0.238462842	4.30E-07
RP1-167F1.2	ZFPM2	0.531149987	0
RP1-167F1.2	AKAP12	0.503530468	0
RP1-167F1.2	GJB6	0.469595434	1.84E-25
RP1-167F1.2	ERO1LB	0.658140458	0
RP1-167F1.2	DNALI1	0.586700783	0
RP1-167F1.2	HKDC1	0.435852455	0
RP1-167F1.2	ZFP36L2	0.573701268	0
RP1-167F1.2	CAPSL	0.510782454	1.52E-30
RP1-167F1.2	CYP7B1	0.544418567	0
RP1-167F1.2	CPQ	0.65511337	0
RP1-167F1.2	RPS6KA6	0.664552584	2.88E-57
RP1-167F1.2	TLE1	0.478933215	0
RP1-167F1.2	TP53INP2	0.635268654	0
RP1-167F1.2	KATNAL2	0.67032441	0
RP1-167F1.2	SGPP2	0.307388012	5.85E-11
RP1-167F1.2	CTH	0.542779497	0
RP1-167F1.2	KIF12	0.57004953	0
RP1-167F1.2	TMEM220	0.553139707	0
RP1-167F1.2	CENPJ	0.636669295	0
RP1-167F1.2	FAM155B	0.397513879	0
RP1-167F1.2	WFS1	0.615526343	0
RP1-167F1.2	SELENBP1	0.428652093	0
RP1-167F1.2	SNTA1	0.339883041	3.37E-13
RP1-167F1.2	FRAS1	0.479735162	0
RP1-167F1.2	FBLN7	0.486483205	0
RP1-167F1.2	AGPAT9	0.566283754	0
RP1-167F1.2	GPR83	0.520857292	0
RP1-167F1.2	PRTG	0.650078152	0
RP1-167F1.2	EGR3	0.305007844	8.32E-11
RP1-167F1.2	GRAMD2	0.638064973	0
RP1-167F1.2	HYOU1	0.571872846	0
RP1-167F1.2	FBLN5	0.343812355	1.72E-13
RP1-167F1.2	ITM2A	0.544597707	0
RP1-167F1.2	SRF	0.485372904	0
RP1-167F1.2	FGFR2	0.558328676	0
RP1-167F1.2	MT1A	0.163862529	0.000567187
RP1-167F1.2	MAMDC2	0.394749899	0
RP1-167F1.2	FHL2	0.335715724	6.81E-13
RP1-167F1.2	FTCDNL1	0.353894706	2.83E-14
RP1-167F1.2	PKIA	0.507945291	0
RP1-167F1.2	DNAJB4	0.584316359	0
RP1-167F1.2	SLC25A33	0.45833279	0
RP1-167F1.2	EYA2	0.31593682	1.61E-11

RP1-167F1.2	LPAR1	0.240913488	3.53E-07
RP1-167F1.2	STX11	0.232788348	8.78E-07
RP1-167F1.2	ARHGEF28	0.445363202	0
RP1-167F1.2	OR2W3	0.572083332	0
RP1-167F1.2	ALDH1B1	0.30858215	3.87E-11
RP1-167F1.2	CXCL12	0.155839718	0.001066185
RP1-167F1.2	OLFM2	0.519027593	0
RP1-167F1.2	TUB	0.615079556	0
RP1-167F1.2	HTRA3	0.288918549	8.28E-10
RP1-167F1.2	CKB	0.305422434	7.82E-11
RP1-167F1.2	RGS2	0.093202881	0.051024213
RP1-167F1.2	SHANK2	0.684429262	0
RP1-167F1.2	CNTFR	0.410652085	2.74E-19
RP1-167F1.2	CYTH3	0.584018218	0
RP1-167F1.2	PLAC9	0.307308726	5.92E-11
RP1-167F1.2	WVOX	0.600832442	0
RP1-167F1.2	NPR3	0.605874185	0
RP1-167F1.2	SDC2	0.652760718	0
RP1-167F1.2	KLF15	0.490719029	0
RP1-167F1.2	TMEM164	0.6395788	0
RP1-167F1.2	LONRF3	0.434370967	0
RP1-167F1.2	GBP1	0.117966651	0.013428318
RP1-167F1.2	ARHGAP6	0.539026629	0
RP1-167F1.2	TMEM119	0.091787205	0.054663473
RP1-167F1.2	SH3RF1	0.555687527	0
RP1-167F1.2	CRELD2	0.477576117	0
RP1-167F1.2	PCP4	0.152151527	0.001401699
RP1-167F1.2	GCSH	0.601056687	0
RP1-167F1.2	IMPA2	0.509315721	0
RP1-167F1.2	C1R	-0.034556206	0.47003104
RP1-167F1.2	SUCNR1	0.347002272	9.82E-14
RP1-167F1.2	SFRP1	0.375744574	2.54E-16
RP1-167F1.2	UGT8	0.438931881	0
RP1-167F1.2	TLE4	0.332070085	1.24E-12
RP1-167F1.2	ANTXR1	0.471423931	0
RP1-167F1.2	GPX3	0.454763884	0
RP1-167F1.2	DPY19L2	0.680340664	0
RP1-167F1.2	FAM46C	0.316831954	1.40E-11
RP1-167F1.2	IL33	0.282673115	1.65E-09
RP1-167F1.2	PEG3	0.668647469	0
RP1-167F1.2	FAHD2A	0.572476647	0
RP1-167F1.2	PTGDS	-0.053409906	0.264022214
RP1-167F1.2	CHCHD10	0.219541043	3.62E-06
RP1-167F1.2	CD36	0.432221567	0
RP1-167F1.2	ANKRD37	0.559447913	0
RP1-167F1.2	TSPAN33	0.364538164	3.56E-15
RP1-167F1.2	PRDM16	0.679503116	0
RP1-167F1.2	UST	0.471377125	0
RP1-167F1.2	NEXN	0.490627402	0
RP1-167F1.2	NUPR1L	0.291205634	4.99E-10
RP1-167F1.2	SLC24A3	0.398883742	0

RP1-167F1.2	MARC1	0.593710516	0
RP1-167F1.2	MYH11	0.371701507	7.28E-16
RP1-167F1.2	APOA1	0.551728092	2.47E-36
RP1-167F1.2	TMEM178B	0.57632951	0
RP1-167F1.2	CAPN6	0.319817853	6.75E-12
RP1-167F1.2	PPM1L	0.588764797	0
RP1-167F1.2	FZD8	0.635549349	0
RP1-167F1.2	RCAN2	0.569162764	0
RP1-167F1.2	COPZ2	0.403826624	0
RP1-167F1.2	GAS1	0.200766772	2.35E-05
RP1-167F1.2	DACT1	0.521431307	0
RP1-167F1.2	WBSCR17	0.536418102	0
RP1-167F1.2	NCS1	0.524573709	0
RP1-167F1.2	SPIRE2	0.504475103	0
RP1-167F1.2	C15orf52	0.488835148	0
RP1-167F1.2	SPAG5	0.46846762	0
RP1-167F1.2	ARL4D	0.357387587	1.47E-14
RP1-167F1.2	FAM189A2	0.577013449	0
RP1-167F1.2	MAP1LC3A	0.475836768	0
RP1-167F1.2	KLF6	0.227228332	1.61E-06
RP1-167F1.2	ADD3	0.499838448	0
RP1-167F1.2	TSPAN7	0.418332591	0
RP1-167F1.2	KLF9	0.400909034	0
RP1-167F1.2	KCNQ1	0.43498966	0
RP1-167F1.2	MAN1A1	0.22589095	1.86E-06
RP1-167F1.2	MLF1	0.405159042	0
RP1-167F1.2	RARB	0.557004627	0
RP1-167F1.2	CDC42EP2	0.307947702	5.38E-11
RP1-167F1.2	FAM3B	0.22712082	1.63E-06
RP1-167F1.2	GADD45B	0.210576795	9.02E-06
RP1-167F1.2	TMEM47	0.522464874	0
RP1-167F1.2	SDF2L1	0.380373429	4.91E-17
RP1-167F1.2	CCDC85A	0.554358939	0
RP1-167F1.2	CRYBG3	0.429965363	0
RP1-167F1.2	FBLN2	0.103045101	0.030917827
RP1-167F1.2	PEBP4	0.022277365	0.641454481
RP1-167F1.2	CDADC1	0.608733054	0
RP1-167F1.2	FAM63A	0.512423514	0
RP1-167F1.2	GLUL	0.398740344	0
RP1-167F1.2	FREM2	0.437528403	0
RP1-167F1.2	ACKR3	0.598182925	0
RP1-167F1.2	DENND6A	0.638845502	0
RP1-167F1.2	CLDN8	0.26981025	1.06E-08
RP1-167F1.2	UTS2R	0.435632462	9.30E-22
RP1-167F1.2	SCNN1B	0.374283368	3.79E-16
RP1-167F1.2	TTC30A	0.597059716	0
RP1-167F1.2	CORO2B	0.544448778	0
RP1-167F1.2	TC2N	0.381315511	2.94E-17
RP1-167F1.2	ALDH2	0.324128907	4.48E-12
RP1-167F1.2	GPR183	-0.013246737	0.781871853
RP1-167F1.2	C4orf47	0.591496722	0

RP1-167F1.2	SLC25A42	0.561129534	0
RP1-167F1.2	LGMN	0.43765095	0
RP1-167F1.2	ACSF2	0.424888161	0
RP1-167F1.2	KIAA1467	0.525666564	0
RP1-167F1.2	PRKG1	0.543689382	0
RP1-167F1.2	GNAI1	0.504436098	0
RP1-167F1.2	ABCC4	0.389919777	0
RP1-167F1.2	PRPS1	0.477590584	0
RP1-167F1.2	TSPAN5	0.476393763	0
RP1-167F1.2	CR2	0.015181114	0.751098634
RP1-167F1.2	CCDC170	0.602944964	0
RP1-167F1.2	RRAD	0.046529529	0.33059231
RP1-167F1.2	SCGB2A1	0.290585844	6.57E-10
RP1-167F1.2	SESN3	0.384174097	0
RP1-167F1.2	SGK223	0.426182	0
RP1-167F1.2	NDRG2	0.471727888	0
RP1-167F1.2	C3orf52	0.393327414	0
RP1-167F1.2	FLRT3	-0.202168264	2.05E-05
RP1-167F1.2	MST1R	-0.333938931	9.14E-13
RP1-167F1.2	SDC1	-0.458381298	0
RP1-167F1.2	ST8SIA4	-0.401455391	0
RP1-167F1.2	UBTD1	-0.409923777	0
RP1-167F1.2	EPHA2	-0.124545199	0.009031227
RP1-167F1.2	TMEM130	-0.152293223	0.001387194
RP1-167F1.2	SPINK2	-0.55044622	0
RP1-167F1.2	MMP16	-0.290968379	6.22E-10
RP1-167F1.2	SIGLEC15	-0.392802191	0
RP1-167F1.2	RIN1	-0.495526315	0
RP1-167F1.2	IL1RN	-0.526767503	0
RP1-167F1.2	FCER1G	-0.448571984	0
RP1-167F1.2	CD276	-0.468525631	0
RP1-167F1.2	CTSB	-0.525749396	0
RP1-167F1.2	FAM171A2	-0.076302703	0.110358567
RP1-167F1.2	ASPHD1	-0.546221601	0
RP1-167F1.2	C15orf48	-0.508695042	0
RP1-167F1.2	DYSF	-0.123988772	0.009345871
RP1-167F1.2	PDZRN4	-0.059237285	0.215362284
RP1-167F1.2	EFHD2	-0.229989618	1.19E-06
RP1-167F1.2	ASF1B	-0.45874894	0
RP1-167F1.2	AQP1	-0.21182099	7.97E-06
RP1-167F1.2	ARRDC2	-0.326356743	3.14E-12
RP1-167F1.2	PRSS1	-0.377584191	2.53E-16
RP1-167F1.2	MAPK13	-0.437363304	0
RP1-167F1.2	CST5	-0.403850377	1.19E-18
RP1-167F1.2	AHR	-0.321985465	6.28E-12
RP1-167F1.2	BAX	-0.433113864	0
RP1-167F1.2	C1orf115	-0.247210489	1.70E-07
RP1-167F1.2	PLK3	-0.261903114	2.88E-08
RP1-167F1.2	JAG2	-0.134757615	0.004707475
RP1-167F1.2	RAD23B	-0.390795054	0
RP1-167F1.2	CA12	0.099343294	0.037497918

RP1-167F1.2	ADTRP	-0.272539906	7.45E-09
RP1-167F1.2	UCP2	-0.327636398	2.56E-12
RP1-167F1.2	IGFBP2	-0.221393011	2.99E-06
RP1-167F1.2	LOXL2	-0.238759266	4.51E-07
RP1-167F1.2	GPX1	-0.514603267	0
RP1-167F1.2	P3H3	-0.440514926	0
RP1-167F1.2	C2orf81	-0.306701946	6.48E-11
RP1-167F1.2	CDT1	-0.491799686	0
RP1-167F1.2	SNX25	-0.094206237	0.048569315
RP1-167F1.2	MTHFD1L	-0.367898853	1.74E-15
RP1-167F1.2	CDC42BPG	-0.31122025	2.58E-11
RP1-167F1.2	MSN	-0.444718269	0
RP1-167F1.2	SIGLEC6	-0.376863132	2.91E-16
RP1-167F1.2	F2R	0.004213981	0.929816188
RP1-167F1.2	TMEM184A	-0.358846098	1.11E-14
RP1-167F1.2	CKS2	-0.346437902	1.09E-13
RP1-167F1.2	TAX1BP3	-0.524329749	0
RP1-167F1.2	PMEPA1	-0.428537631	0
RP1-167F1.2	CXCL16	-0.548490427	0
RP1-167F1.2	FAXC	-0.33385397	9.27E-13
RP1-167F1.2	VTCN1	-0.446537585	6.68E-23
RP1-167F1.2	SH2D4A	-0.394317579	0
RP1-167F1.2	RNF24	-0.263069582	2.49E-08
RP1-167F1.2	LY6G6C	-0.379617855	1.70E-16
RP1-167F1.2	NID1	-0.154954938	0.001139125
RP1-167F1.2	STAC	-0.511207261	0
RP1-167F1.2	RAB34	-0.455411654	0
RP1-167F1.2	HES4	-0.186897937	8.40E-05
RP1-167F1.2	EPHA10	-0.467178179	0
RP1-167F1.2	ENTPD2	-0.376636446	1.95E-16
RP1-167F1.2	DDB2	-0.430029048	0
RP1-167F1.2	NKAIN4	-0.204431559	1.65E-05
RP1-167F1.2	TRIM29	-0.259330898	3.97E-08
RP1-167F1.2	ADCY8	-0.423140308	1.69E-20
RP1-167F1.2	SFTA2	-0.448555105	0
RP1-167F1.2	NRIP1	-0.277415841	3.93E-09
RP1-167F1.2	VWA1	-0.103872863	0.029589946
RP1-167F1.2	APLNR	-0.166074402	0.000483732
RP1-167F1.2	REN	-0.48436124	3.33E-27
RP1-167F1.2	EDIL3	-0.165560384	0.000503871
RP1-167F1.2	AGRN	-0.142852685	0.002722171
RP1-167F1.2	TREM1	-0.460355103	0
RP1-167F1.2	SRL	-0.209914699	9.64E-06
RP1-167F1.2	RASGRF1	-0.325358919	3.68E-12
RP1-167F1.2	RMI2	-0.46406769	0
RP1-167F1.2	SAMD1	-0.449665832	0
RP1-167F1.2	MGAT4B	-0.423580423	0
RP1-167F1.2	NXN	-0.375497352	2.72E-16
RP1-167F1.2	SH3BGR13	-0.634889807	0
RP1-167F1.2	CA11	-0.392662623	0
RP1-167F1.2	PLD3	-0.275712093	4.92E-09

RP1-167F1.2	LURAP1L	-0.48763237	0
RP1-167F1.2	CARNS1	-0.053272892	0.265250721
RP1-167F1.2	PDLIM7	-0.357747002	1.37E-14
RP1-167F1.2	BCL2L1	-0.510479069	0
RP1-167F1.2	GGT6	-0.312295435	2.80E-11
RP1-167F1.2	DPYSL3	-0.190610098	6.02E-05
RP1-167F1.2	FYN	-0.426465958	0
RP1-167F1.2	TK1	-0.50813365	0
RP1-167F1.2	AK1	-0.444961378	0
RP1-167F1.2	HIGD1B	-0.143386276	0.002623072
RP1-167F1.2	TMEM59L	-0.112688182	0.018224209
RP1-167F1.2	MEGF9	-0.237801156	5.02E-07
RP1-167F1.2	ZFP36L1	-0.22204688	2.79E-06
RP1-167F1.2	ADRA1B	-0.225650252	1.90E-06
RP1-167F1.2	EPHA4	-0.249792209	1.26E-07
RP1-167F1.2	TCERG1L	-0.003452316	0.942477565
RP1-167F1.2	NGFR	-0.233003089	8.57E-07
RP1-167F1.2	EBI3	-0.57274018	0
RP1-167F1.2	S100A10	-0.4505204	0
RP1-167F1.2	S100B	-0.488984645	0
RP1-167F1.2	CD44	-0.301683039	1.35E-10
RP1-167F1.2	BHLHE41	-0.253133182	8.43E-08
RP1-167F1.2	FBXO2	-0.386093437	0
RP1-167F1.2	SLC30A2	-0.318951285	1.01E-11
RP1-167F1.2	FRMD5	-0.571390458	0
RP1-167F1.2	SAMD11	-0.116854223	0.014334604
RP1-167F1.2	SIPA1L2	-0.203212895	1.86E-05
RP1-167F1.2	S100A16	-0.500288213	0
RP1-167F1.2	PPL	-0.346163447	1.14E-13
RP1-167F1.2	ARHGD1B	-0.263673383	2.31E-08
RP1-167F1.2	CDC42EP3	-0.457400778	0
RP1-167F1.2	RUNX2	-0.401633255	0
RP1-167F1.2	LAMC2	-0.416353254	0
RP1-167F1.2	BRINP1	-0.454471557	0
RP1-167F1.2	GPRC5B	-0.357341064	1.48E-14
RP1-167F1.2	AQP5	-0.044879112	0.348046726
RP1-167F1.2	PLAG1	-0.193143168	4.78E-05
RP1-167F1.2	PTPRU	-0.33132544	1.41E-12
RP1-167F1.2	ANGPTL4	-0.374783627	3.32E-16
RP1-167F1.2	PALM3	-0.242415969	2.97E-07
RP1-167F1.2	ACP5	-0.455979995	0
RP1-167F1.2	DLG4	-0.198548864	2.89E-05
RP1-167F1.2	ETNK2	-0.397732592	0
RP1-167F1.2	CD109	-0.271577399	8.44E-09
RP1-167F1.2	SNX22	-0.243115651	2.74E-07
RP1-167F1.2	TMEM98	-0.289899352	7.22E-10
RP1-167F1.2	CTHRC1	-0.317436606	1.28E-11
RP1-167F1.2	S100A2	-0.448499363	0
RP1-167F1.2	C11orf80	-0.564844816	0
RP1-167F1.2	SREBF1	-0.300644508	1.57E-10
RP1-167F1.2	PRSS22	-0.381162752	3.23E-17

RP1-167F1.2	CMTM3	-0.506118286	0
RP1-167F1.2	RDH5	-0.357905576	1.33E-14
RP1-167F1.2	MYH10	-0.301338659	1.42E-10
RP1-167F1.2	EVPL	-0.308683837	4.82E-11
RP1-167F1.2	SCD	-0.427393573	0
RP1-167F1.2	CD151	-0.388211207	0
RP1-167F1.2	S100A4	-0.484253384	0
RP1-167F1.2	BNIP1	-0.298119665	2.26E-10
RP1-167F1.2	MAP3K6	-0.469849114	0
RP1-167F1.2	MANEAL	-0.466478354	0
RP1-167F1.2	CD207	-0.439417701	3.77E-22
RP1-167F1.2	CD1A	-0.46428923	7.45E-25
RP1-167F1.2	C3	-0.391071636	0
RP1-167F1.2	NT5E	-0.287280046	1.04E-09
RP1-167F1.2	CACNG4	-0.339902998	2.47E-13
RP1-167F1.2	FHOD1	-0.329488932	1.90E-12
RP1-167F1.2	LEMD1	-0.507518786	0
RP1-167F1.2	ATP11A	-0.068979652	0.149003352
RP1-167F1.2	PPAP2C	-0.29388838	4.13E-10
RP1-167F1.2	DRAM1	-0.384651804	0
RP1-167F1.2	CDA	-0.236459376	5.84E-07
RP1-167F1.2	CCND2	-0.253751308	7.83E-08
RP1-167F1.2	LCN6	-0.122213472	0.010378103
RP1-167F1.2	CDH4	-0.348595387	7.40E-14
RP1-167F1.2	MMP11	-0.493087142	0
RP1-167F1.2	B3GAT1	-0.116288434	0.014815867
RP1-167F1.2	SPP1	-0.347963219	8.29E-14
RP1-167F1.2	HLA-DQB1	-0.498840481	0
RP1-167F1.2	SDC3	-0.370259165	1.02E-15
RP1-167F1.2	CX3CL1	-0.368031896	1.69E-15
RP1-167F1.2	SDK1	-0.25538201	6.43E-08
RP1-167F1.2	DOCK9	-0.271054304	9.03E-09
RP1-167F1.2	CSF2	-0.538023123	2.63E-34
RP1-167F1.2	GRHL3	-0.460643175	0
RP1-167F1.2	TMEM92	-0.551918715	2.31E-36
RP1-167F1.2	BASP1	-0.4488002	0
RP1-167F1.2	HRH1	-0.345136547	1.36E-13
RP1-167F1.2	ESM1	0.064927791	0.174414497
RP1-167F1.2	B4GALNT3	-0.358700715	1.14E-14
RP1-167F1.2	LMO3	-0.222640752	2.62E-06
RP1-167F1.2	C9orf16	-0.549443431	0
RP1-167F1.2	SEMA3F	-0.11499105	0.015973387
RP1-167F1.2	PLA2G12B	-0.361610235	5.23E-15
RP1-167F1.2	KLK6	-0.304935124	6.71E-11
RP1-167F1.2	ST3GAL5	-0.289378668	7.77E-10
RP1-167F1.2	FAM132B	-0.144097873	0.002496031
RP1-167F1.2	CDKN1A	-0.186185205	8.94E-05
RP1-167F1.2	E2F1	-0.499332798	0
RP1-167F1.2	B3GNT8	-0.436283215	0
RP1-167F1.2	MTMR11	-0.387746407	0
RP1-167F1.2	MYO1G	-0.399432226	0

RP1-167F1.2	TMSB10	-0.581477915	0
RP1-167F1.2	UNC5CL	-0.479837426	0
RP1-167F1.2	ABR	-0.419431261	0
RP1-167F1.2	PLP2	-0.611329383	0
RP1-167F1.2	SRCIN1	-0.413566012	0
RP1-167F1.2	PDE9A	-0.530179963	0
RP1-167F1.2	TREM2	-0.450710462	0
RP1-167F1.2	KDELR3	-0.366096671	2.57E-15
RP1-167F1.2	PC	-0.412683927	0
RP1-167F1.2	C2CD4A	-0.557263905	0
RP1-167F1.2	PELI1	-0.340531662	3.02E-13
RP1-167F1.2	SSX1	-0.183397255	0.000114242
RP1-167F1.2	MROH6	-0.519744863	0
RP1-167F1.2	ESPN	-0.441012065	0
RP1-167F1.2	BMP1	-0.30447638	8.99E-11
RP1-167F1.2	TM4SF4	-0.31768533	9.45E-12
RP1-167F1.2	CORO2A	-0.396539316	0
RP1-167F1.2	CD164L2	-0.517129476	2.17E-31
RP1-167F1.2	CTSS	-0.444970313	0
RP1-167F1.2	CLU	-0.357364751	1.47E-14
RP1-167F1.2	TMSB4X	-0.538518142	0
RP1-167F1.2	WNT10A	-0.349782789	4.43E-14
RP1-167F1.2	NAPSA	-0.329365818	1.93E-12
RP1-167F1.2	PLEKHA4	-0.36730257	1.98E-15
RP1-167F1.2	SFTPA1	-0.124775644	0.008867481
RP1-167F1.2	C1orf116	-0.412025661	0
RP1-167F1.2	TM4SF1	-0.353646774	2.96E-14
RP1-167F1.2	SEL1L3	-0.282400565	2.02E-09
RP1-167F1.2	VASN	-0.42756633	0
RP1-167F1.2	NPTXR	-0.535179013	0
RP1-167F1.2	PDE4C	-0.385565944	0
RP1-167F1.2	CDC42EP1	-0.432995146	0
RP1-167F1.2	ENDOD1	-0.490503295	0
RP1-167F1.2	RYR1	-0.373760414	4.35E-16
RP1-167F1.2	IL1RAP	-0.298888422	2.03E-10
RP1-167F1.2	SLC35F2	-0.372319008	6.99E-16
RP1-167F1.2	ISYNA1	-0.307730124	5.56E-11
RP1-167F1.2	HLA-G	-0.440037218	0
RP1-167F1.2	CDKN2B	-0.40432504	0
RP1-167F1.2	ALDH1A3	-0.294373747	3.86E-10
RP1-167F1.2	CLIP3	-0.300663372	1.57E-10
RP1-167F1.2	ULBP2	-0.367583407	1.86E-15
RP1-167F1.2	ETHE1	-0.583324067	0
RP1-167F1.2	XPR1	-0.300219422	1.67E-10
RP1-167F1.2	SPTBN2	-0.521815118	0
RP1-167F1.2	IVL	-0.537402734	3.23E-34
RP1-167F1.2	MARCO	-0.472991657	0
RP1-167F1.2	PLXND1	-0.200373599	2.44E-05
RP1-167F1.2	EMILIN2	-0.43849715	0
RP1-167F1.2	PLAUR	-0.499864404	0
RP1-167F1.2	CDC42EP5	-0.458467393	0

RP1-167F1.2	TRPC5	-0.212789177	6.88E-06
RP1-167F1.2	TMEM100	-0.343854764	1.71E-13
RP1-167F1.2	QSOX1	-0.413016677	0
RP1-167F1.2	ARHGAP23	-0.258695183	4.29E-08
RP1-167F1.2	MDF1	-0.216209573	5.11E-06
RP1-167F1.2	FSTL3	-0.368261814	1.61E-15
RP1-167F1.2	INF2	-0.435181991	0
RP1-167F1.2	TGFBR1	-0.459314444	0
RP1-167F1.2	TGFBI	-0.34090441	2.84E-13
RP1-167F1.2	ERBB3	-0.500986619	0
RP1-167F1.2	CCL18	-0.311953041	2.95E-11
RP1-167F1.2	CCL17	-0.463680562	8.72E-25
RP1-167F1.2	C16orf45	-0.209468338	1.01E-05
RP1-167F1.2	PRDM1	-0.219737346	3.55E-06
RP1-167F1.2	TRIM47	-0.585199579	0
RP1-167F1.2	CNFN	-0.457310002	0
RP1-167F1.2	ARMCX3	-0.261842833	2.91E-08
RP1-167F1.2	RAMP1	-0.341462681	2.58E-13
RP1-167F1.2	GABRD	-0.042039533	0.379417431
RP1-167F1.2	COL13A1	-0.231802012	9.78E-07
RP1-167F1.2	S100A5	-0.442732833	0
RP1-167F1.2	MISP	-0.385982662	0
RP1-167F1.2	HES6	-0.249237625	1.34E-07
RP1-167F1.2	PSD3	-0.35362791	2.97E-14
RP1-167F1.2	DOK7	-0.306236437	6.94E-11
RP1-167F1.2	ZMAT3	-0.319490549	9.28E-12
RP1-167F1.2	MFAP2	-0.335347373	7.24E-13
RP1-167F1.2	TMEM79	-0.52101388	0
RP1-167F1.2	SLC1A5	-0.470609786	0
RP1-167F1.2	BBC3	-0.368658533	1.47E-15
RP1-167F1.2	HLA-DQB2	-0.527349036	0
RP1-167F1.2	C1QL1	-0.271859088	8.14E-09
RP1-167F1.2	TMEM215	-0.108367236	0.023161325
RP1-167F1.2	PNP	-0.412545211	0
RP1-167F1.2	ARNTL	-0.258564977	4.36E-08
RP1-167F1.2	CLDN2	-0.381865427	1.09E-16
RP1-167F1.2	MVP	-0.632923802	0
RP1-167F1.2	LGALS1	-0.504354258	0
RP1-167F1.2	BIRC7	-0.407396386	5.55E-19
RP1-167F1.2	COL8A1	-0.430337402	0
RP1-167F1.2	PERP	-0.483360944	0
RP1-167F1.2	GJA4	-0.108039754	0.023623866
RP1-167F1.2	IGFL2	-0.444976097	9.79E-23
RP1-167F1.2	DAPK2	-0.309351748	4.36E-11
RP1-167F1.2	MAMLD1	-0.385698988	0
RP1-167F1.2	ETV5	-0.231686415	9.91E-07
RP1-167F1.2	RUNX1	-0.485511053	0
RP1-167F1.2	LONRF2	-0.097218716	0.041785654
RP1-167F1.2	SPOCK1	-0.041927482	0.380689897
RP1-167F1.2	XKRX	-0.298422346	2.17E-10
RP1-167F1.2	TGFBI	-0.268374433	1.27E-08

RP1-167F1.2	ERP27	-0.154883027	0.00114525
RP1-167F1.2	TNFRSF10C	-0.293513221	4.36E-10
RP1-167F1.2	PALM	-0.371524778	7.59E-16
RP1-167F1.2	TSC22D1	-0.223114914	2.49E-06
RP1-167F1.2	TGM2	-0.449330671	0
RP1-167F1.2	UBE2QL1	-0.258085142	4.62E-08
RP1-167F1.2	ECE1	-0.375952365	2.39E-16
RP1-167F1.2	COL8A2	-0.376447519	2.06E-16
RP1-167F1.2	HIST3H2A	-0.393203448	0
RP1-167F1.2	TNFRSF21	-0.373614889	4.52E-16
RP1-167F1.2	SOX4	-0.346907667	9.99E-14
RP1-167F1.2	ELF3	-0.473012933	0
RP1-167F1.2	TPD52L1	-0.404125333	0
RP1-167F1.2	INHBB	-0.268837531	1.20E-08
RP1-167F1.2	HPN	-0.382103416	1.65E-17
RP1-167F1.2	MMP7	-0.417014334	6.73E-20
RP1-167F1.2	RAB27A	-0.397453456	0
RP1-167F1.2	IGF2BP2	-0.342806304	2.04E-13
RP1-167F1.2	ITGB4	-0.392107615	0
RP1-167F1.2	PPP1R1B	-0.406336858	0
RP1-167F1.2	NPDC1	-0.314779855	1.92E-11
RP1-167F1.2	CCL13	-0.511611962	1.18E-30
RP1-167F1.2	SPINT1	-0.618923059	0
RP1-167F1.2	HEY2	-0.282686367	1.94E-09
RP1-167F1.2	CST2	-0.386905753	3.98E-17
RP1-167F1.2	ADM	-0.354248022	2.65E-14
RP1-167F1.2	VSTM2L	-0.433384915	0
RP1-167F1.2	FAM84A	-0.374472295	3.61E-16
RP1-167F1.2	P4HA2	-0.506899809	0
RP1-167F1.2	LPL	-0.1638955	0.000574576
RP1-167F1.2	TMEM173	-0.413445876	0
RP1-167F1.2	DHRS3	-0.413739905	0
RP1-167F1.2	SCN1B	-0.540568965	0
RP1-167F1.2	GLT1D1	-0.213747848	6.56E-06
RP1-167F1.2	PHYHIP	-0.505810358	0
RP1-167F1.2	BHLHE40	-0.41248805	0
RP1-167F1.2	BID	-0.517768505	0
RP1-167F1.2	POSTN	-0.333184073	1.04E-12
RP1-167F1.2	ITGA3	-0.551127747	0
RP1-167F1.2	RSP04	-0.293320889	4.48E-10
RP1-167F1.2	ADAMTS9	-0.16174298	0.000679665
RP1-167F1.2	ABTB2	-0.405979002	0
RP1-167F1.2	KCNQ3	-0.387712933	0
RP1-167F1.2	ANXA1	-0.36249656	5.40E-15
RP1-167F1.2	S100A11	-0.612284372	0
RP1-167F1.2	CEACAM6	-0.438522561	4.67E-22
RP1-167F1.2	IER5L	-0.421310603	0
RP1-167F1.2	KRT80	-0.413501618	0
RP1-167F1.2	CDH6	-0.391098585	0
RP1-167F1.2	UNC5B	-0.297696139	2.40E-10
RP1-167F1.2	PLEKHN1	-0.403915698	0

RP1-167F1.2	SYTL1	-0.370694037	9.24E-16
RP1-167F1.2	TMEM163	-0.312052043	2.91E-11
RP1-167F1.2	C4orf48	-0.237133528	5.41E-07
RP1-167F1.2	B3GNT7	-0.371448185	7.73E-16
RP1-167F1.2	BAIAP3	-0.370478587	9.72E-16
RP1-167F1.2	PHLDA2	-0.507708139	0
RP1-167F1.2	GAP43	-0.377872245	2.39E-16
RP1-167F1.2	S100A1	-0.489467742	0
RP1-167F1.2	PTPRE	-0.399626401	0
RP1-167F1.2	CCND1	-0.298696659	2.08E-10
RP1-167F1.2	ST6GALNAC5	-0.42421431	1.33E-20
RP1-167F1.2	KRT17	-0.233061101	8.52E-07
RP1-167F1.2	HPCAL4	-0.313794938	2.23E-11
RP1-167F1.2	GABBR2	-0.366701748	2.25E-15
RP1-167F1.2	DIRAS3	-0.284337918	1.55E-09
RP1-167F1.2	SERINC2	-0.494684937	0
RP1-167F1.2	PTCHD4	-0.179734169	0.000156755
RP1-167F1.2	EPS8	-0.272656922	7.34E-09
RP1-167F1.2	LY6E	-0.525574369	0
RP1-167F1.2	UPP1	-0.466264889	0
RP1-167F1.2	AHNAK2	-0.466066601	0
RP1-167F1.2	PLXNC1	-0.439870701	0
RP1-167F1.2	TNC	-0.414973037	0
RP1-167F1.2	DUSP4	-0.419146736	0
RP1-167F1.2	NRCAM	-0.284167714	1.59E-09
RP1-167F1.2	NRP2	-0.413369994	0
RP1-167F1.2	CTSC	-0.554862461	0
RP1-167F1.2	AMIGO2	-0.263540624	2.35E-08
RP1-167F1.2	NAB2	-0.348318379	7.78E-14
RP1-167F1.2	TBC1D2	-0.461082444	0
RP1-167F1.2	PHLDA3	-0.464212506	0
RP1-167F1.2	PTP4A3	-0.405771778	0
RP1-167F1.2	CRABP2	-0.504297523	0
RP1-167F1.2	GOS2	-0.398515391	0
RP1-167F1.2	S100A6	-0.584602303	0
RP1-167F1.2	FOXQ1	-0.321189049	7.12E-12
RP1-167F1.2	LRG1	-0.441279711	0
RP1-167F1.2	LAMP5	-0.307424181	5.82E-11
RP1-167F1.2	ALDH3B1	-0.457207312	0
RP1-167F1.2	CDH2	0.038091638	0.425811826
RP1-167F1.2	SCG5	-0.232818134	8.75E-07
RP1-167F1.2	ZCCHC16	-0.270784109	8.14E-09
RP1-167F1.2	GRB7	-0.436829146	0
RP1-167F1.2	TIAM1	-0.169422609	0.000369811
RP1-167F1.2	FXD5	-0.51366076	0
RP1-167F1.2	CLDN9	-0.42401175	0
RP1-167F1.2	FAM43A	-0.447335164	0
RP1-167F1.2	CHST2	-0.328322606	2.29E-12
RP1-167F1.2	HMGA2	-0.422365446	0
RP1-167F1.2	GALNT7	-0.379830334	6.28E-17
RP1-167F1.2	CBLN1	-0.385851037	0

RP1-167F1.2	STRA6	-0.390034665	0
RP1-167F1.2	MUC21	-0.531421262	2.31E-33
RP1-167F1.2	PRR36	-0.411246266	0
RP1-167F1.2	NFE2L3	-0.395997072	0
RP1-167F1.2	NR1D1	-0.373326676	4.86E-16
RP1-167F1.2	MUC1	-0.535367231	0
RP1-167F1.2	NAT8L	-0.176836294	0.000200475
RP1-167F1.2	APOC1	-0.247238715	1.70E-07
RP1-167F1.2	EVA1A	-0.413812809	0
RP1-167F1.2	ENTPD1	-0.156198566	0.00103785
RP1-167F1.2	COL1A1	-0.409155729	0
RP1-167F1.2	FNDC4	-0.419565865	0
RP1-167F1.2	FRMD3	-0.163498782	0.000592732
RP1-167F1.2	SHROOM4	-0.328764428	2.13E-12
RP1-167F1.2	NELL2	-0.190928239	5.85E-05
RP1-167F1.2	EPHB3	-0.499257057	0
RP1-167F1.2	TMC6	-0.500934139	0
RP1-167F1.2	NOD1	-0.327348185	2.68E-12
RP1-167F1.2	GGCT	-0.559794705	0
RP1-167F1.2	ICAM1	-0.47740648	0
RP1-167F1.2	PRSS23	-0.380338679	4.99E-17
RP1-167F1.2	CFI	-0.353528199	3.02E-14
RP1-167F1.2	CD55	-0.410453822	0
RP1-167F1.2	RASD2	-0.284839171	1.45E-09
RP1-167F1.2	KLK11	-0.283405444	1.49E-09
RP1-167F1.2	ICAM5	-0.240624991	3.65E-07
RP1-167F1.2	ADORA1	-0.561627808	0
RP1-167F1.2	ITGA2	-0.392579507	0
RP1-167F1.2	ABCC3	-0.239953392	3.94E-07
RP1-167F1.2	MFGE8	-0.45626835	0
RP1-167F1.2	STK32A	-0.225125739	2.01E-06
RP1-167F1.2	CYSLTR2	-0.152691218	0.001347186
RP1-167F1.2	LAD1	-0.592820772	0
RP1-167F1.2	MGAT3	-0.300838825	1.53E-10
RP1-167F1.2	IGFBP6	-0.420084989	0
RP1-167F1.2	CYP2S1	-0.466491403	0
RP1-167F1.2	KCNJ2	-0.401811118	0
RP1-167F1.2	FAM20A	-0.372700182	5.70E-16
RP1-167F1.2	TGFA	-0.395952536	0
RP1-167F1.2	MXRA8	-0.432672609	0
RP1-167F1.2	C8orf4	-0.302440024	1.21E-10
RP1-167F1.2	CLDN10	-0.459170095	2.80E-24
RP1-167F1.2	PDE5A	-0.394568914	0
RP1-167F1.2	APOE	-0.210173268	9.39E-06
RP1-167F1.2	SPOCK2	-0.336186482	6.29E-13
RP1-167F1.2	TENM1	-0.160261916	0.000762034
RP1-167F1.2	SLIT1	-0.214145417	6.30E-06
RP1-167F1.2	CXCL14	-0.153976404	0.001225133
RP1-167F1.2	ECM1	-0.262549891	2.66E-08
RP1-167F1.2	DUSP5	-0.446862846	0
RP1-167F1.2	SEZ6L2	-0.459105518	0

RP1-167F1.2	THRSP	-0.306541103	6.63E-11
RP1-167F1.2	C19orf33	-0.45612552	0
RP1-167F1.2	MPZL2	-0.432037604	0
RP1-167F1.2	CTSH	-0.532116607	0
RP1-167F1.2	CYP1B1	-0.506188354	0
RP1-167F1.2	ALOX5	-0.490799593	0
RP1-167F1.2	SYTL5	-0.335960831	4.82E-13
RP1-167F1.2	TNFRSF12A	-0.366807984	2.20E-15
RP1-167F1.2	DUSP6	-0.26436413	2.12E-08
RP1-167F1.2	ALOX15B	-0.537856188	0
RP1-167F1.2	SDC4	-0.43812497	0
RP1-167F1.2	MDK	-0.393907386	0
RP1-167F1.2	KRT19	-0.533651852	0
RP1-167F1.2	MET	-0.496219615	0
RP1-167F1.2	TESC	-0.257273692	5.11E-08
RP1-167F1.2	CXCL17	-0.626816672	2.66E-49
RP1-167F1.2	NPC2	-0.55737468	0
RP1-167F1.2	COMP	-0.362659248	5.22E-15
RP1-167F1.2	TUSC3	-0.247642383	1.62E-07
RP1-167F1.2	TMPRSS4	-0.456157575	0
RP1-167F1.2	LGALS3	-0.542518942	0
RP1-167F1.2	CRLF1	-0.16143264	0.000696208
RP1-167F1.2	CTXN1	-0.361552634	6.52E-15
RP1-167F1.2	PCSK1N	-0.113933796	0.016974558
RP1-167F1.2	NMU	-0.475898677	3.40E-26
RP1-167F1.2	GALE	-0.537931646	0
RP1-167F1.2	PCSK2	-0.172410692	0.000289786
RP1-167F1.2	GJB3	-0.461618305	0
RP1-167F1.2	SLPI	-0.443475776	0
RP1-167F1.2	AGR2	-0.150217011	0.001614195
RP1-167F1.2	MRC2	-0.307312981	5.91E-11
RP1-167F1.2	GOLT1A	-0.504315537	0
RP1-167F1.2	SLC27A6	-0.274602724	4.92E-09
RP1-167F1.2	KCNN4	-0.548770839	0
RP1-167F1.2	ETV4	-0.246491455	1.69E-07
RP1-167F1.2	SYT12	-0.513624733	0
RP1-167F1.2	PVRL4	-0.598524752	0
RP1-167F1.2	PLCD3	-0.415767608	0
RP1-167F1.2	PLAU	-0.522881308	0
RP1-167F1.2	LRRK2	-0.224314856	2.20E-06
RP1-167F1.2	SFN	-0.536969281	0
RP1-167F1.2	LPAR5	-0.340153383	3.22E-13
RP1-167F1.2	NGEF	-0.436730569	0
RP1-167F1.2	DTX4	-0.432136323	0
RP1-167F1.2	CST6	-0.39637053	0
RP1-167F1.2	QPCT	-0.411586108	0
RP1-167F1.2	TIMP1	-0.517576457	0
RP1-167F1.2	CAMK2N1	-0.460884298	0
RP1-167F1.2	KLHDC8A	-0.153580962	0.001261557
RP1-167F1.2	PDLIM4	-0.510258654	0
RP1-167F1.2	SCEL	-0.394315877	0

RP1-167F1.2	LCN2	-0.583530582	0
RP1-167F1.2	PROS1	-0.476004987	0
RP1-167F1.2	GABRB2	-0.408489661	0
RP1-167F1.2	TMPRSS6	-0.493130686	0
RP1-167F1.2	KLK7	-0.37481898	4.32E-16
RP1-167F1.2	PDZK1IP1	-0.584318203	0
RP1-167F1.2	CDH3	-0.390547548	0
RP1-167F1.2	LRP4	-0.211177759	8.50E-06
RP1-167F1.2	IGSF1	-0.099346698	0.037491359
RP1-167F1.2	B3GNT3	-0.47028966	0
RP1-167F1.2	CLDN1	-0.37985544	6.21E-17
RP1-167F1.2	GDF15	-0.470925941	0
RP1-167F1.2	ARHGAP36	-0.161163977	0.000700676
RP1-167F1.2	LAMB3	-0.439497811	0
RP1-167F1.2	KLK10	-0.426353623	0
RP1-167F1.2	DPP4	-0.462836686	0
RP1-167F1.2	METTL7B	-0.447340979	0
RP1-167F1.2	LIPH	-0.51455717	0
RP1-167F1.2	CLDN16	-0.357537225	1.43E-14
RP1-167F1.2	CHI3L1	-0.597462108	0
RP1-167F1.2	SLC22A31	-0.451836951	1.79E-23
RP1-167F1.2	TACSTD2	-0.489857085	0
RP1-167F1.2	SFTPB	-0.559147644	0
RP1-167F1.2	RXRG	-0.394894998	0
RP1-167F1.2	DCSTAMP	-0.50755523	4.04E-30
RP1-167F1.2	CITED1	-0.522617207	0
RP1-167F1.2	SERPINA1	-0.577812276	0
RP1-167F1.2	PRR15	-0.290620169	6.53E-10
RP1-167F1.2	SLC34A2	-0.55227294	0
RP1-167F1.2	FN1	-0.54388455	0
RP1-167F1.2	ZCCHC12	-0.208038336	1.16E-05
RP11-367F23.1	TFF3	0.677653863	2.60E-60
RP11-367F23.1	CCL21	0.45265663	1.46E-23
RP11-367F23.1	TPO	0.65786267	9.04E-56
RP11-367F23.1	MT1G	0.51425684	5.26E-31
RP11-367F23.1	DIO1	0.656262398	2.03E-55
RP11-367F23.1	DPT	0.400968929	2.19E-18
RP11-367F23.1	CDH16	0.671864688	6.03E-59
RP11-367F23.1	CRABP1	0.45706683	4.79E-24
RP11-367F23.1	SLC26A7	0.490049085	6.72E-28
RP11-367F23.1	MT1H	0.485144086	2.67E-27
RP11-367F23.1	SLC26A4	0.483077366	4.75E-27
RP11-367F23.1	SLC5A8	0.574554393	6.33E-40
RP11-367F23.1	PKHD1L1	0.700519323	5.05E-66
RP11-367F23.1	TFCP2L1	0.581151211	5.13E-41
RP11-367F23.1	WSCD2	0.666861417	8.61E-58
RP11-367F23.1	IPCEF1	0.629885016	6.59E-50
RP11-367F23.1	SLC5A5	0.583287577	2.25E-41
RP11-367F23.1	MT1F	0.604770176	3.91E-45
RP11-367F23.1	FOSB	0.474280556	5.27E-26
RP11-367F23.1	SEMA3D	0.696439628	5.78E-65

RP11-367F23.1	BMP8A	0.548253028	8.23E-36
RP11-367F23.1	MATN2	0.544431356	3.04E-35
RP11-367F23.1	PLA2R1	0.69816505	2.07E-65
RP11-367F23.1	COL23A1	0.457694586	4.08E-24
RP11-367F23.1	HGD	0.578298609	1.53E-40
RP11-367F23.1	TCEAL2	0.487798606	1.27E-27
RP11-367F23.1	CHRD1	0.432181396	2.10E-21
RP11-367F23.1	TNFRSF11B	0.603191465	7.56E-45
RP11-367F23.1	FAM167A	0.572387875	1.43E-39
RP11-367F23.1	KIT	0.676668622	4.46E-60
RP11-367F23.1	SLC4A4	0.593431967	4.09E-43
RP11-367F23.1	SMOC2	0.484407994	3.28E-27
RP11-367F23.1	FHL1	0.612982736	1.20E-46
RP11-367F23.1	OTOS	0.549793725	4.83E-36
RP11-367F23.1	IGFBPL1	0.591024835	1.07E-42
RP11-367F23.1	HBB	0.327699855	1.90E-12
RP11-367F23.1	BEX1	0.372469435	6.79E-16
RP11-367F23.1	FABP4	0.429102671	4.30E-21
RP11-367F23.1	LMOD1	0.534540227	8.31E-34
RP11-367F23.1	SOD3	0.524176904	2.37E-32
RP11-367F23.1	TMEM171	0.610508004	3.46E-46
RP11-367F23.1	PI16	0.420491614	3.09E-20
RP11-367F23.1	ZMAT4	0.649331418	6.45E-54
RP11-367F23.1	MFAP4	0.250461592	1.05E-07
RP11-367F23.1	CWH43	0.649815805	5.08E-54
RP11-367F23.1	SPX	0.501512116	2.44E-29
RP11-367F23.1	APOD	0.355899919	1.48E-14
RP11-367F23.1	DPP6	0.629703031	7.16E-50
RP11-367F23.1	MMRN1	0.417075328	6.64E-20
RP11-367F23.1	WDR72	0.485782168	2.24E-27
RP11-367F23.1	MPPED2	0.572909006	1.17E-39
RP11-367F23.1	PAPSS2	0.550996269	3.19E-36
RP11-367F23.1	DCN	0.303060898	8.88E-11
RP11-367F23.1	SORBS2	0.648513381	9.64E-54
RP11-367F23.1	EGR2	0.411957779	2.06E-19
RP11-367F23.1	EDN3	0.226894302	1.56E-06
RP11-367F23.1	DIO2	0.441423933	2.32E-22
RP11-367F23.1	ITPR1	0.590718654	1.21E-42
RP11-367F23.1	CFD	0.301345876	1.15E-10
RP11-367F23.1	CPXM1	0.482484321	5.60E-27
RP11-367F23.1	ELMO1	0.585038415	1.14E-41
RP11-367F23.1	GPC3	0.498230032	6.39E-29
RP11-367F23.1	MYOC	0.236897586	5.14E-07
RP11-367F23.1	DEPTOR	0.663862765	4.13E-57
RP11-367F23.1	DGKI	0.76349291	5.19E-85
RP11-367F23.1	CARTPT	0.512575514	8.81E-31
RP11-367F23.1	IYD	0.393877495	9.62E-18
RP11-367F23.1	LYVE1	0.433460874	1.55E-21
RP11-367F23.1	CLCNKB	0.524851225	1.91E-32
RP11-367F23.1	NCAM1	0.510208219	1.81E-30
RP11-367F23.1	HBA2	0.284589553	1.26E-09

RP11-367F23.1	GLT8D2	0.517306177	2.05E-31
RP11-367F23.1	OGDHL	0.452601434	1.48E-23
RP11-367F23.1	LIFR	0.460340806	2.07E-24
RP11-367F23.1	CSGALNACT1	0.639102958	9.00E-52
RP11-367F23.1	RAP1GAP	0.485400043	2.49E-27
RP11-367F23.1	COL9A3	0.527397446	8.47E-33
RP11-367F23.1	FBLN1	0.358964008	8.51E-15
RP11-367F23.1	EFEMP1	0.544627383	2.85E-35
RP11-367F23.1	AOX1	0.595148499	2.05E-43
RP11-367F23.1	GRIN2C	0.610481053	3.50E-46
RP11-367F23.1	C11orf74	0.549062667	6.22E-36
RP11-367F23.1	PPARGC1A	0.562764263	4.91E-38
RP11-367F23.1	ANGPTL1	0.537715664	2.91E-34
RP11-367F23.1	SCARA5	0.404261637	1.09E-18
RP11-367F23.1	LTF	0.503313521	1.43E-29
RP11-367F23.1	CA4	0.401163467	2.10E-18
RP11-367F23.1	TG	0.434781289	1.14E-21
RP11-367F23.1	FCGBP	0.550037979	4.44E-36
RP11-367F23.1	PBX4	0.559038476	1.87E-37
RP11-367F23.1	CYR61	0.50396075	1.18E-29
RP11-367F23.1	FOS	0.458948619	2.96E-24
RP11-367F23.1	KHDRBS2	0.55678899	4.17E-37
RP11-367F23.1	MUM1L1	0.587902932	3.70E-42
RP11-367F23.1	RGS16	0.503289266	1.44E-29
RP11-367F23.1	MT1M	0.526525113	1.12E-32
RP11-367F23.1	LRP2	0.570934412	2.45E-39
RP11-367F23.1	MAFB	0.577528828	2.05E-40
RP11-367F23.1	KCNK2	0.62045204	4.60E-48
RP11-367F23.1	TBC1D4	0.478470878	1.69E-26
RP11-367F23.1	MIOX	0.558015029	2.70E-37
RP11-367F23.1	TPPP	0.545529503	2.09E-35
RP11-367F23.1	FMOD	0.621008489	3.59E-48
RP11-367F23.1	CITED2	0.575990259	3.68E-40
RP11-367F23.1	RGS8	0.634534742	7.69E-51
RP11-367F23.1	ABI3BP	0.283198784	1.53E-09
RP11-367F23.1	ADH1B	0.390182696	2.05E-17
RP11-367F23.1	OGN	0.358191915	9.79E-15
RP11-367F23.1	NR4A1	0.457230334	4.59E-24
RP11-367F23.1	FOXJ1	0.523297206	3.13E-32
RP11-367F23.1	ALDH1A1	0.501429564	2.50E-29
RP11-367F23.1	OCA2	0.662698223	7.56E-57
RP11-367F23.1	TMEM139	0.538616508	2.15E-34
RP11-367F23.1	ARHGAP24	0.513018268	7.69E-31
RP11-367F23.1	SLC25A15	0.597318887	8.48E-44
RP11-367F23.1	DES	0.332314441	8.87E-13
RP11-367F23.1	GDF10	0.546122555	1.71E-35
RP11-367F23.1	KIAA1324	0.50016773	3.62E-29
RP11-367F23.1	JUN	0.487785557	1.27E-27
RP11-367F23.1	C7	0.247011123	1.59E-07
RP11-367F23.1	LGI3	0.411216083	2.42E-19
RP11-367F23.1	CDON	0.516213278	2.88E-31

RP11-367F23.1	BCL2	0.584611468	1.34E-41
RP11-367F23.1	HLF	0.384105231	6.98E-17
RP11-367F23.1	EGR1	0.391368436	1.61E-17
RP11-367F23.1	IP6K3	0.561908666	6.69E-38
RP11-367F23.1	SCUBE3	0.624268747	8.39E-49
RP11-367F23.1	PKNOX2	0.611575229	2.19E-46
RP11-367F23.1	SMAD9	0.633835765	1.06E-50
RP11-367F23.1	IQGAP2	0.550094574	4.36E-36
RP11-367F23.1	GNA14	0.6108402	3.00E-46
RP11-367F23.1	LAYN	0.56173193	7.13E-38
RP11-367F23.1	AVPR1A	0.477028761	2.50E-26
RP11-367F23.1	PDLIM3	0.565235307	2.00E-38
RP11-367F23.1	GPM6A	0.452000729	1.72E-23
RP11-367F23.1	SDPR	0.292512044	4.14E-10
RP11-367F23.1	CRYAB	0.350545351	3.87E-14
RP11-367F23.1	FOXA2	0.581403428	4.66E-41
RP11-367F23.1	C8orf88	0.485973514	2.12E-27
RP11-367F23.1	ISM1	0.431175218	2.66E-21
RP11-367F23.1	BMP2	0.585655006	8.94E-42
RP11-367F23.1	ID4	0.655709353	2.69E-55
RP11-367F23.1	NUPR1	0.267908265	1.19E-08
RP11-367F23.1	SERTM1	0.577913598	1.77E-40
RP11-367F23.1	IRS1	0.4354271	9.76E-22
RP11-367F23.1	FIBIN	0.363338159	3.80E-15
RP11-367F23.1	PODN	0.338471544	3.15E-13
RP11-367F23.1	TDRD9	0.454914891	8.27E-24
RP11-367F23.1	EPHA3	0.419487082	3.87E-20
RP11-367F23.1	AIF1L	0.512315578	9.54E-31
RP11-367F23.1	EBF4	0.566798557	1.13E-38
RP11-367F23.1	ADM2	0.5213426	5.80E-32
RP11-367F23.1	GSTM3	0.462936673	1.06E-24
RP11-367F23.1	HSD17B6	0.455483823	7.16E-24
RP11-367F23.1	AGR3	0.529909784	3.77E-33
RP11-367F23.1	EPHB1	0.402607923	1.55E-18
RP11-367F23.1	TMOD1	0.450341168	2.60E-23
RP11-367F23.1	WASF3	0.4946899	1.78E-28
RP11-367F23.1	SELV	0.570006177	3.46E-39
RP11-367F23.1	ENPP1	0.234084983	7.06E-07
RP11-367F23.1	SYNE1	0.602211352	1.14E-44
RP11-367F23.1	PLCH1	0.589025902	2.37E-42
RP11-367F23.1	CCDC146	0.572292132	1.48E-39
RP11-367F23.1	SLC16A2	0.588232575	3.25E-42
RP11-367F23.1	IER2	0.423828467	1.45E-20
RP11-367F23.1	KCNAB1	0.419598713	3.78E-20
RP11-367F23.1	SYNDIG1	0.534554837	8.27E-34
RP11-367F23.1	C16orf89	0.352162359	2.90E-14
RP11-367F23.1	CTGF	0.43234684	2.02E-21
RP11-367F23.1	NR4A3	0.404607624	1.01E-18
RP11-367F23.1	KIAA1456	0.393567143	1.03E-17
RP11-367F23.1	AQP4	0.350621804	3.82E-14
RP11-367F23.1	RNF150	0.628795237	1.08E-49

RP11-367F23.1	C1S	0.270521578	8.43E-09
RP11-367F23.1	PFKFB2	0.365507503	2.54E-15
RP11-367F23.1	PROX1	0.564715028	2.42E-38
RP11-367F23.1	TCF7L1	0.608305893	8.83E-46
RP11-367F23.1	HSPB6	0.316404057	1.16E-11
RP11-367F23.1	FHDC1	0.303971813	7.75E-11
RP11-367F23.1	PRR15L	0.307569941	4.51E-11
RP11-367F23.1	SLC1A1	0.45708452	4.77E-24
RP11-367F23.1	BTBD11	0.472738156	7.97E-26
RP11-367F23.1	TRIM58	0.508120859	3.40E-30
RP11-367F23.1	LRIG1	0.530919405	2.71E-33
RP11-367F23.1	ROR2	0.680213843	6.33E-61
RP11-367F23.1	GPR125	0.633318464	1.35E-50
RP11-367F23.1	FLRT1	0.604623794	4.16E-45
RP11-367F23.1	PGF	0.600188226	2.62E-44
RP11-367F23.1	DUSP1	0.469818463	1.74E-25
RP11-367F23.1	PLA2G7	0.649944434	4.77E-54
RP11-367F23.1	PLSCR4	0.455764814	6.67E-24
RP11-367F23.1	FAM46B	0.49953738	4.36E-29
RP11-367F23.1	GLDC	0.542388961	6.08E-35
RP11-367F23.1	ZBTB16	0.336647587	4.29E-13
RP11-367F23.1	OMD	0.316578886	1.12E-11
RP11-367F23.1	HSD11B2	0.418270071	5.09E-20
RP11-367F23.1	FGL2	0.309891483	3.17E-11
RP11-367F23.1	CLCNKA	0.544087974	3.42E-35
RP11-367F23.1	GATM	0.270136332	8.87E-09
RP11-367F23.1	TNS3	0.580135191	7.59E-41
RP11-367F23.1	TOB1	0.635038592	6.08E-51
RP11-367F23.1	MARC2	0.485262881	2.59E-27
RP11-367F23.1	LRRC2	0.448659195	3.95E-23
RP11-367F23.1	SORD	0.48060774	9.40E-27
RP11-367F23.1	RIMS4	0.463732837	8.61E-25
RP11-367F23.1	SLC29A4	0.636690778	2.81E-51
RP11-367F23.1	SLC39A14	0.465967996	4.80E-25
RP11-367F23.1	FAXDC2	0.490053482	6.71E-28
RP11-367F23.1	HSPB8	0.576845004	2.66E-40
RP11-367F23.1	CCL19	0.151555544	0.001448524
RP11-367F23.1	KCNIP3	0.430131822	3.39E-21
RP11-367F23.1	CGNL1	0.430488557	3.12E-21
RP11-367F23.1	ATF3	0.382327656	9.94E-17
RP11-367F23.1	SGCD	0.545640283	2.02E-35
RP11-367F23.1	STARD13	0.605583645	2.78E-45
RP11-367F23.1	LDHD	0.387241235	3.72E-17
RP11-367F23.1	RCAN1	0.590185893	1.50E-42
RP11-367F23.1	ID3	0.5985976	5.03E-44
RP11-367F23.1	SYTL3	0.4446449	1.06E-22
RP11-367F23.1	MT1E	0.411882177	2.09E-19
RP11-367F23.1	CAMK1D	0.366923095	1.95E-15
RP11-367F23.1	PRKCQ	0.432509676	1.94E-21
RP11-367F23.1	NUAK2	0.627518935	1.94E-49
RP11-367F23.1	LIPG	0.365950904	2.33E-15

RP11-367F23.1	SLC25A25	0.559461451	1.61E-37
RP11-367F23.1	PRKX	0.515525766	3.56E-31
RP11-367F23.1	SRPX	0.291450209	4.82E-10
RP11-367F23.1	FAM189A1	0.409023051	3.91E-19
RP11-367F23.1	PLEKHH1	0.474115876	5.51E-26
RP11-367F23.1	WNT11	0.56187278	6.78E-38
RP11-367F23.1	SNAI1	0.635420717	5.09E-51
RP11-367F23.1	FDCSP	0.129769365	0.006474302
RP11-367F23.1	MT1X	0.311512605	2.47E-11
RP11-367F23.1	ACACB	0.523310528	3.12E-32
RP11-367F23.1	ARC	0.253113487	7.62E-08
RP11-367F23.1	KLK4	0.385255461	5.55E-17
RP11-367F23.1	ZFPM2	0.502785865	1.67E-29
RP11-367F23.1	AKAP12	0.476735572	2.71E-26
RP11-367F23.1	GJB6	0.621907152	2.41E-48
RP11-367F23.1	ERO1LB	0.627383617	2.06E-49
RP11-367F23.1	DNALI1	0.521967134	4.77E-32
RP11-367F23.1	HKDC1	0.536045748	5.06E-34
RP11-367F23.1	ZFP36L2	0.599417736	3.60E-44
RP11-367F23.1	CAPSL	0.487590986	1.35E-27
RP11-367F23.1	CYP7B1	0.542506974	5.84E-35
RP11-367F23.1	CPQ	0.608467878	8.25E-46
RP11-367F23.1	RPS6KA6	0.559339345	1.68E-37
RP11-367F23.1	TLE1	0.642510591	1.77E-52
RP11-367F23.1	TP53INP2	0.602315302	1.09E-44
RP11-367F23.1	KATNAL2	0.538353673	2.35E-34
RP11-367F23.1	SGPP2	0.47715954	2.42E-26
RP11-367F23.1	CTH	0.631728122	2.82E-50
RP11-367F23.1	KIF12	0.514964352	4.23E-31
RP11-367F23.1	TMEM220	0.44556234	8.48E-23
RP11-367F23.1	CENPJ	0.61176615	2.02E-46
RP11-367F23.1	FAM155B	0.160042865	0.000764251
RP11-367F23.1	WFS1	0.636450213	3.14E-51
RP11-367F23.1	SELENBP1	0.352626044	2.67E-14
RP11-367F23.1	SNTA1	0.363790921	3.49E-15
RP11-367F23.1	FRAS1	0.532246628	1.76E-33
RP11-367F23.1	FBLN7	0.557075229	3.77E-37
RP11-367F23.1	AGPAT9	0.457411893	4.39E-24
RP11-367F23.1	GPR83	0.410429706	2.88E-19
RP11-367F23.1	PRTG	0.470060447	1.63E-25
RP11-367F23.1	EGR3	0.300279076	1.34E-10
RP11-367F23.1	GRAMD2	0.61296458	1.21E-46
RP11-367F23.1	HYOU1	0.588044491	3.50E-42
RP11-367F23.1	FBLN5	0.390829859	1.80E-17
RP11-367F23.1	ITM2A	0.445540638	8.53E-23
RP11-367F23.1	SRF	0.561205835	8.61E-38
RP11-367F23.1	FGFR2	0.447704167	5.01E-23
RP11-367F23.1	MT1A	0.337335891	3.82E-13
RP11-367F23.1	MAMDC2	0.386200108	4.59E-17
RP11-367F23.1	FHL2	0.530282246	3.34E-33
RP11-367F23.1	FTCDNL1	0.44117514	2.47E-22

RP11-367F23.1	PKIA	0.384304662	6.71E-17
RP11-367F23.1	DNAJB4	0.464852828	6.43E-25
RP11-367F23.1	SLC25A33	0.580530081	6.52E-41
RP11-367F23.1	EYA2	0.462210437	1.28E-24
RP11-367F23.1	LPAR1	0.473981835	5.71E-26
RP11-367F23.1	STX11	0.2515274	9.23E-08
RP11-367F23.1	ARHGEF28	0.428751124	4.67E-21
RP11-367F23.1	OR2W3	0.495585638	1.38E-28
RP11-367F23.1	ALDH1B1	0.44917325	3.48E-23
RP11-367F23.1	CXCL12	0.282433967	1.70E-09
RP11-367F23.1	OLFM2	0.502327287	1.92E-29
RP11-367F23.1	TUB	0.420594875	3.02E-20
RP11-367F23.1	HTRA3	0.459141099	2.82E-24
RP11-367F23.1	CKB	0.475256718	4.05E-26
RP11-367F23.1	RGS2	0.325230371	2.83E-12
RP11-367F23.1	SHANK2	0.576668551	2.85E-40
RP11-367F23.1	CNTFR	0.356158738	1.42E-14
RP11-367F23.1	CYTH3	0.549974575	4.54E-36
RP11-367F23.1	PLAC9	0.312078984	2.26E-11
RP11-367F23.1	WVOX	0.484112678	3.57E-27
RP11-367F23.1	NPR3	0.563308655	4.03E-38
RP11-367F23.1	SDC2	0.535368306	6.33E-34
RP11-367F23.1	KLF15	0.312258557	2.20E-11
RP11-367F23.1	TMEM164	0.660863781	1.95E-56
RP11-367F23.1	LONRF3	0.298794265	1.67E-10
RP11-367F23.1	GBP1	0.316293277	1.18E-11
RP11-367F23.1	ARHGAP6	0.516078953	3.00E-31
RP11-367F23.1	TMEM119	0.252790652	7.92E-08
RP11-367F23.1	SH3RF1	0.552783064	1.71E-36
RP11-367F23.1	CRELD2	0.546303256	1.61E-35
RP11-367F23.1	PCP4	0.253371499	7.38E-08
RP11-367F23.1	GCSH	0.482596661	5.43E-27
RP11-367F23.1	IMPA2	0.531247629	2.44E-33
RP11-367F23.1	C1R	0.255900983	5.41E-08
RP11-367F23.1	SUCNR1	0.358743443	8.86E-15
RP11-367F23.1	SFRP1	0.429124596	4.28E-21
RP11-367F23.1	UGT8	0.451881014	1.77E-23
RP11-367F23.1	TLE4	0.458875711	3.02E-24
RP11-367F23.1	ANTXR1	0.484123032	3.55E-27
RP11-367F23.1	GPX3	0.565804806	1.63E-38
RP11-367F23.1	DPY19L2	0.485047138	2.75E-27
RP11-367F23.1	FAM46C	0.380925397	1.31E-16
RP11-367F23.1	IL33	0.341154585	1.99E-13
RP11-367F23.1	PEG3	0.508629366	2.92E-30
RP11-367F23.1	FAHD2A	0.504271527	1.08E-29
RP11-367F23.1	PTGDS	0.081609151	0.087659318
RP11-367F23.1	CHCHD10	0.302169416	1.01E-10
RP11-367F23.1	CD36	0.349517274	4.65E-14
RP11-367F23.1	ANKRD37	0.595778048	1.59E-43
RP11-367F23.1	TSPAN33	0.435854047	8.82E-22
RP11-367F23.1	PRDM16	0.516008457	3.07E-31

RP11-367F23.1	UST	0.270588244	8.36E-09
RP11-367F23.1	NEXN	0.447228143	5.63E-23
RP11-367F23.1	NUPR1L	0.180432486	0.000144147
RP11-367F23.1	SLC24A3	0.526242136	1.23E-32
RP11-367F23.1	MARC1	0.478542366	1.66E-26
RP11-367F23.1	MYH11	0.310390061	2.94E-11
RP11-367F23.1	APOA1	0.511308796	1.30E-30
RP11-367F23.1	TMEM178B	0.545619857	2.03E-35
RP11-367F23.1	CAPN6	0.394306424	8.81E-18
RP11-367F23.1	PPM1L	0.522518619	4.01E-32
RP11-367F23.1	FZD8	0.607760791	1.11E-45
RP11-367F23.1	RCAN2	0.469300878	1.99E-25
RP11-367F23.1	COPZ2	0.510078149	1.88E-30
RP11-367F23.1	GAS1	0.34248357	1.59E-13
RP11-367F23.1	DACT1	0.532876836	1.43E-33
RP11-367F23.1	WBSCR17	0.526994187	9.64E-33
RP11-367F23.1	NCS1	0.54900281	6.35E-36
RP11-367F23.1	SPIRE2	0.561271934	8.41E-38
RP11-367F23.1	C15orf52	0.454928224	8.24E-24
RP11-367F23.1	SPAG5	0.559605564	1.53E-37
RP11-367F23.1	ARL4D	0.431699469	2.35E-21
RP11-367F23.1	FAM189A2	0.451744703	1.83E-23
RP11-367F23.1	MAP1LC3A	0.442594704	1.75E-22
RP11-367F23.1	KLF6	0.329221971	1.48E-12
RP11-367F23.1	ADD3	0.398892066	3.39E-18
RP11-367F23.1	TSPAN7	0.371959368	7.49E-16
RP11-367F23.1	KLF9	0.316802351	1.09E-11
RP11-367F23.1	KCNQ1	0.312341819	2.17E-11
RP11-367F23.1	MAN1A1	0.337510842	3.71E-13
RP11-367F23.1	MLF1	0.41139977	2.33E-19
RP11-367F23.1	RARB	0.491322125	4.68E-28
RP11-367F23.1	CDC42EP2	0.434315619	1.27E-21
RP11-367F23.1	FAM3B	0.263097238	2.20E-08
RP11-367F23.1	GADD45B	0.309463402	3.38E-11
RP11-367F23.1	TMEM47	0.410895234	2.60E-19
RP11-367F23.1	SDF2L1	0.414073366	1.29E-19
RP11-367F23.1	CCDC85A	0.51497116	4.22E-31
RP11-367F23.1	CRYBG3	0.379680159	1.68E-16
RP11-367F23.1	FBLN2	0.232592086	8.34E-07
RP11-367F23.1	PEBP4	0.011859482	0.804301535
RP11-367F23.1	CDADC1	0.428349283	5.13E-21
RP11-367F23.1	FAM63A	0.447622891	5.11E-23
RP11-367F23.1	GLUL	0.456831046	5.08E-24
RP11-367F23.1	FREM2	0.342068254	1.70E-13
RP11-367F23.1	ACKR3	0.540493089	1.15E-34
RP11-367F23.1	DENND6A	0.559048263	1.87E-37
RP11-367F23.1	CLDN8	0.451754065	1.83E-23
RP11-367F23.1	UTS2R	0.428310583	5.17E-21
RP11-367F23.1	SCNN1B	0.377577338	2.53E-16
RP11-367F23.1	TTC30A	0.595590815	1.71E-43
RP11-367F23.1	CORO2B	0.480602918	9.42E-27

RP11-367F23.1	TC2N	0.591114254	1.03E-42
RP11-367F23.1	ALDH2	0.402372039	1.63E-18
RP11-367F23.1	GPR183	0.2605374	3.04E-08
RP11-367F23.1	C4orf47	0.500671697	3.12E-29
RP11-367F23.1	SLC25A42	0.391623328	1.53E-17
RP11-367F23.1	LGMN	0.508774329	2.80E-30
RP11-367F23.1	ACSF2	0.527008655	9.59E-33
RP11-367F23.1	KIAA1467	0.513352591	6.94E-31
RP11-367F23.1	PRKG1	0.409460636	3.55E-19
RP11-367F23.1	GNAI1	0.506976329	4.80E-30
RP11-367F23.1	ABCC4	0.435106535	1.05E-21
RP11-367F23.1	PRPS1	0.518718507	1.32E-31
RP11-367F23.1	TSPAN5	0.687504992	1.05E-62
RP11-367F23.1	CR2	0.153101664	0.001292319
RP11-367F23.1	CCDC170	0.522579044	3.93E-32
RP11-367F23.1	RRAD	0.240879823	3.26E-07
RP11-367F23.1	SCGB2A1	0.444977664	9.79E-23
RP11-367F23.1	SESN3	0.392471407	1.29E-17
RP11-367F23.1	SGK223	0.488432076	1.06E-27
RP11-367F23.1	NDRG2	0.42109246	2.70E-20
RP11-367F23.1	C3orf52	0.55266959	1.78E-36
RP11-367F23.1	FLRT3	-0.220454309	3.11E-06
RP11-367F23.1	MST1R	-0.328523395	1.66E-12
RP11-367F23.1	SDC1	-0.239346218	3.89E-07
RP11-367F23.1	ST8SIA4	-0.320330976	6.22E-12
RP11-367F23.1	UBTD1	-0.401919702	1.79E-18
RP11-367F23.1	EPHA2	-0.1367256	0.004104182
RP11-367F23.1	TMEM130	-0.279281651	2.62E-09
RP11-367F23.1	SPINK2	-0.506056194	6.33E-30
RP11-367F23.1	MMP16	-0.217616317	4.19E-06
RP11-367F23.1	SIGLEC15	-0.421901815	2.24E-20
RP11-367F23.1	RIN1	-0.428023753	5.53E-21
RP11-367F23.1	IL1RN	-0.284652389	1.25E-09
RP11-367F23.1	FCER1G	-0.270978454	7.94E-09
RP11-367F23.1	CD276	-0.336874393	4.13E-13
RP11-367F23.1	CTSB	-0.469259886	2.02E-25
RP11-367F23.1	FAM171A2	-0.339052532	2.86E-13
RP11-367F23.1	ASPHD1	-0.462431286	1.21E-24
RP11-367F23.1	C15orf48	-0.188997391	6.76E-05
RP11-367F23.1	DYSF	-0.250722725	1.02E-07
RP11-367F23.1	PDZRN4	-0.273728503	5.52E-09
RP11-367F23.1	EFHD2	-0.229546436	1.17E-06
RP11-367F23.1	ASF1B	-0.375247853	3.98E-16
RP11-367F23.1	AQP1	-0.270833206	8.09E-09
RP11-367F23.1	ARRDC2	-0.433448676	1.56E-21
RP11-367F23.1	PRSS1	-0.40896913	3.95E-19
RP11-367F23.1	MAPK13	-0.459516983	2.56E-24
RP11-367F23.1	CST5	-0.207636228	1.15E-05
RP11-367F23.1	AHR	-0.210490982	8.68E-06
RP11-367F23.1	BAX	-0.276440964	3.84E-09
RP11-367F23.1	C1orf115	-0.47924846	1.37E-26

RP11-367F23.1	PLK3	-0.222715851	2.45E-06
RP11-367F23.1	JAG2	-0.257238986	4.59E-08
RP11-367F23.1	RAD23B	-0.460733711	1.87E-24
RP11-367F23.1	CA12	-0.030415082	0.525039207
RP11-367F23.1	ADTRP	-0.341899602	1.75E-13
RP11-367F23.1	UCP2	-0.273827935	5.45E-09
RP11-367F23.1	IGFBP2	-0.214288258	5.91E-06
RP11-367F23.1	LOXL2	-0.206313284	1.32E-05
RP11-367F23.1	GPX1	-0.40783228	5.05E-19
RP11-367F23.1	P3H3	-0.432460031	1.97E-21
RP11-367F23.1	C2orf81	-0.43982664	3.41E-22
RP11-367F23.1	CDT1	-0.463881204	8.28E-25
RP11-367F23.1	SNX25	-0.257421396	4.48E-08
RP11-367F23.1	MTHFD1L	-0.295085925	2.86E-10
RP11-367F23.1	CDC42BPG	-0.324222589	3.34E-12
RP11-367F23.1	MSN	-0.536645459	4.15E-34
RP11-367F23.1	SIGLEC6	-0.358797006	8.77E-15
RP11-367F23.1	F2R	0.069418607	0.146477518
RP11-367F23.1	TMEM184A	-0.388201653	3.07E-17
RP11-367F23.1	CKS2	-0.196597332	3.35E-05
RP11-367F23.1	TAX1BP3	-0.347417148	6.73E-14
RP11-367F23.1	PMEPA1	-0.330102673	1.28E-12
RP11-367F23.1	CXCL16	-0.358233092	9.72E-15
RP11-367F23.1	FAXC	-0.322529966	4.38E-12
RP11-367F23.1	VTCN1	-0.202063386	1.99E-05
RP11-367F23.1	SH2D4A	-0.386514715	4.31E-17
RP11-367F23.1	RNF24	-0.362693341	4.28E-15
RP11-367F23.1	LY6G6C	-0.338572231	3.10E-13
RP11-367F23.1	NID1	-0.119929277	0.011912851
RP11-367F23.1	STAC	-0.302439343	9.74E-11
RP11-367F23.1	RAB34	-0.48014746	1.07E-26
RP11-367F23.1	HES4	-0.215777324	5.07E-06
RP11-367F23.1	EPHA10	-0.464856374	6.42E-25
RP11-367F23.1	ENTPD2	-0.503544441	1.34E-29
RP11-367F23.1	DDB2	-0.357927279	1.03E-14
RP11-367F23.1	NKAIN4	-0.258546636	3.90E-08
RP11-367F23.1	TRIM29	-0.150837121	0.001526853
RP11-367F23.1	ADCY8	-0.463267963	9.71E-25
RP11-367F23.1	SFTA2	-0.259512727	3.45E-08
RP11-367F23.1	NRIP1	-0.284859055	1.22E-09
RP11-367F23.1	VWA1	-0.183596015	0.000109404
RP11-367F23.1	APLNR	-0.158428977	0.000865182
RP11-367F23.1	REN	-0.556708393	4.29E-37
RP11-367F23.1	EDIL3	-0.196768962	3.30E-05
RP11-367F23.1	AGRN	-0.285799615	1.07E-09
RP11-367F23.1	TREM1	-0.272627377	6.39E-09
RP11-367F23.1	SRL	-0.274451476	5.02E-09
RP11-367F23.1	RASGRF1	-0.421725646	2.34E-20
RP11-367F23.1	RMI2	-0.366088066	2.28E-15
RP11-367F23.1	SAMD1	-0.43952111	3.68E-22
RP11-367F23.1	MGAT4B	-0.499364048	4.59E-29

RP11-367F23.1	NXN	-0.258877555	3.74E-08
RP11-367F23.1	SH3BGRL3	-0.41046233	2.86E-19
RP11-367F23.1	CA11	-0.507276752	4.39E-30
RP11-367F23.1	PLD3	-0.418377304	4.97E-20
RP11-367F23.1	LURAP1L	-0.370811576	9.32E-16
RP11-367F23.1	CARNS1	-0.324702999	3.09E-12
RP11-367F23.1	PDLIM7	-0.403969757	1.16E-18
RP11-367F23.1	BCL2L1	-0.303669972	8.11E-11
RP11-367F23.1	GGT6	-0.391573825	1.54E-17
RP11-367F23.1	DPYSL3	-0.105872933	0.026541381
RP11-367F23.1	FYN	-0.424081231	1.37E-20
RP11-367F23.1	TK1	-0.344207528	1.18E-13
RP11-367F23.1	AK1	-0.451045276	2.19E-23
RP11-367F23.1	HIGD1B	-0.298779655	1.67E-10
RP11-367F23.1	TMEM59L	-0.063254968	0.185873579
RP11-367F23.1	MEGF9	-0.310088645	3.07E-11
RP11-367F23.1	ZFP36L1	-0.193985721	4.28E-05
RP11-367F23.1	ADRA1B	-0.288753067	7.07E-10
RP11-367F23.1	EPHA4	-0.201749065	2.05E-05
RP11-367F23.1	TCERG1L	-0.085664722	0.072964113
RP11-367F23.1	NGFR	-0.345201704	9.91E-14
RP11-367F23.1	EBI3	-0.353546462	2.27E-14
RP11-367F23.1	S100A10	-0.131716561	0.0057106
RP11-367F23.1	S100B	-0.260510734	3.05E-08
RP11-367F23.1	CD44	-0.423442087	1.58E-20
RP11-367F23.1	BHLHE41	-0.356939627	1.23E-14
RP11-367F23.1	FBXO2	-0.441463365	2.30E-22
RP11-367F23.1	SLC30A2	-0.199945816	2.44E-05
RP11-367F23.1	FRMD5	-0.462762206	1.11E-24
RP11-367F23.1	SAMD11	-0.172668724	0.00027816
RP11-367F23.1	SIPA1L2	-0.321186998	5.43E-12
RP11-367F23.1	S100A16	-0.310619705	2.83E-11
RP11-367F23.1	PPL	-0.239546926	3.80E-07
RP11-367F23.1	ARHGD1B	-0.236523261	5.36E-07
RP11-367F23.1	CDC42EP3	-0.278925484	2.75E-09
RP11-367F23.1	RUNX2	-0.493011757	2.89E-28
RP11-367F23.1	LAMC2	-0.243195975	2.49E-07
RP11-367F23.1	BRINP1	-0.451684562	1.86E-23
RP11-367F23.1	GPRC5B	-0.455181556	7.73E-24
RP11-367F23.1	AQP5	-0.128486657	0.007026189
RP11-367F23.1	PLAG1	-0.487011095	1.59E-27
RP11-367F23.1	PTPRU	-0.215498177	5.21E-06
RP11-367F23.1	ANGPTL4	-0.20475897	1.53E-05
RP11-367F23.1	PALM3	-0.336009436	4.78E-13
RP11-367F23.1	ACP5	-0.292495874	4.15E-10
RP11-367F23.1	DLG4	-0.492408925	3.43E-28
RP11-367F23.1	ETNK2	-0.520306438	8.04E-32
RP11-367F23.1	CD109	-0.244083202	2.24E-07
RP11-367F23.1	SNX22	-0.318359502	8.50E-12
RP11-367F23.1	TMEM98	-0.30643534	5.35E-11
RP11-367F23.1	CTHRC1	-0.125203846	0.008635068

RP11-367F23.1	S100A2	-0.141976907	0.00286951
RP11-367F23.1	C11orf80	-0.456194739	5.98E-24
RP11-367F23.1	SREBF1	-0.356879202	1.24E-14
RP11-367F23.1	PRSS22	-0.354809573	1.81E-14
RP11-367F23.1	CMTM3	-0.351661796	3.18E-14
RP11-367F23.1	RDH5	-0.492038715	3.81E-28
RP11-367F23.1	MYH10	-0.359158191	8.21E-15
RP11-367F23.1	EVPL	-0.282891268	1.60E-09
RP11-367F23.1	SCD	-0.358296354	9.61E-15
RP11-367F23.1	CD151	-0.386218406	4.58E-17
RP11-367F23.1	S100A4	-0.364655879	2.97E-15
RP11-367F23.1	BNIP1	-0.421605789	2.40E-20
RP11-367F23.1	MAP3K6	-0.488725266	9.78E-28
RP11-367F23.1	MANEAL	-0.531985496	1.92E-33
RP11-367F23.1	CD207	-0.315859888	1.26E-11
RP11-367F23.1	CD1A	-0.308864542	3.71E-11
RP11-367F23.1	C3	-0.205470879	1.43E-05
RP11-367F23.1	NT5E	-0.178069249	0.000176593
RP11-367F23.1	CACNG4	-0.209811704	9.30E-06
RP11-367F23.1	FHOD1	-0.468716627	2.33E-25
RP11-367F23.1	LEMD1	-0.412613944	1.78E-19
RP11-367F23.1	ATP11A	-0.256701118	4.90E-08
RP11-367F23.1	PPAP2C	-0.311084949	2.64E-11
RP11-367F23.1	DRAM1	-0.23687106	5.15E-07
RP11-367F23.1	CDA	-0.222217132	2.58E-06
RP11-367F23.1	CCND2	-0.371051999	8.90E-16
RP11-367F23.1	LCN6	-0.221542677	2.77E-06
RP11-367F23.1	CDH4	-0.344046962	1.21E-13
RP11-367F23.1	MMP11	-0.326465397	2.32E-12
RP11-367F23.1	B3GAT1	-0.245721062	1.85E-07
RP11-367F23.1	SPP1	-0.222516988	2.50E-06
RP11-367F23.1	HLA-DQB1	-0.296241519	2.42E-10
RP11-367F23.1	SDC3	-0.406575694	6.63E-19
RP11-367F23.1	CX3CL1	-0.164081699	0.000557455
RP11-367F23.1	SDK1	-0.204979394	1.50E-05
RP11-367F23.1	DOCK9	-0.383956721	7.19E-17
RP11-367F23.1	CSF2	-0.391536899	1.56E-17
RP11-367F23.1	GRHL3	-0.285469121	1.12E-09
RP11-367F23.1	TMEM92	-0.417268393	6.36E-20
RP11-367F23.1	BASP1	-0.329617712	1.38E-12
RP11-367F23.1	HRH1	-0.184895295	9.76E-05
RP11-367F23.1	ESM1	-0.013535214	0.777331217
RP11-367F23.1	B4GALNT3	-0.348058562	6.01E-14
RP11-367F23.1	LMO3	-0.284660616	1.25E-09
RP11-367F23.1	C9orf16	-0.436264966	8.00E-22
RP11-367F23.1	SEMA3F	-0.289415757	6.44E-10
RP11-367F23.1	PLA2G12B	-0.578790763	1.27E-40
RP11-367F23.1	KLK6	-0.313316129	1.87E-11
RP11-367F23.1	ST3GAL5	-0.514292868	5.20E-31
RP11-367F23.1	FAM132B	-0.299609436	1.48E-10
RP11-367F23.1	CDKN1A	0.006828032	0.886561135

RP11-367F23.1	E2F1	-0.441473578	2.30E-22
RP11-367F23.1	B3GNT8	-0.411661611	2.20E-19
RP11-367F23.1	MTMR11	-0.418812761	4.50E-20
RP11-367F23.1	MYO1G	-0.192653391	4.84E-05
RP11-367F23.1	TMSB10	-0.36285646	4.16E-15
RP11-367F23.1	UNC5CL	-0.421700682	2.35E-20
RP11-367F23.1	ABR	-0.403236287	1.35E-18
RP11-367F23.1	PLP2	-0.497712288	7.43E-29
RP11-367F23.1	SRCIN1	-0.623720808	1.07E-48
RP11-367F23.1	PDE9A	-0.387446623	3.57E-17
RP11-367F23.1	TREM2	-0.29578521	2.59E-10
RP11-367F23.1	KDEL3	-0.202351329	1.94E-05
RP11-367F23.1	PC	-0.435886813	8.75E-22
RP11-367F23.1	C2CD4A	-0.374953671	4.21E-16
RP11-367F23.1	PELI1	-0.198918448	2.69E-05
RP11-367F23.1	SSX1	-0.144628375	0.002384329
RP11-367F23.1	MROH6	-0.453839155	1.08E-23
RP11-367F23.1	ESPN	-0.510624102	1.60E-30
RP11-367F23.1	BMP1	-0.449759896	3.01E-23
RP11-367F23.1	TM4SF4	-0.350963894	3.60E-14
RP11-367F23.1	CORO2A	-0.401397011	2.00E-18
RP11-367F23.1	CD164L2	-0.526232935	1.23E-32
RP11-367F23.1	CTSS	-0.299979078	1.40E-10
RP11-367F23.1	CLU	-0.290763973	5.32E-10
RP11-367F23.1	TMSB4X	-0.349118411	4.99E-14
RP11-367F23.1	WNT10A	-0.30647911	5.32E-11
RP11-367F23.1	NAPSA	-0.234897033	6.44E-07
RP11-367F23.1	PLEKHA4	-0.460634279	1.92E-24
RP11-367F23.1	SFTPA1	-0.151615671	0.001442139
RP11-367F23.1	C1orf116	-0.355439213	1.61E-14
RP11-367F23.1	TM4SF1	-0.164926089	0.000521388
RP11-367F23.1	SEL1L3	-0.161144275	0.00070175
RP11-367F23.1	VASN	-0.469559883	1.86E-25
RP11-367F23.1	NPTXR	-0.46076137	1.86E-24
RP11-367F23.1	PDE4C	-0.379660017	1.68E-16
RP11-367F23.1	CDC42EP1	-0.331480677	1.02E-12
RP11-367F23.1	ENDOD1	-0.471102708	1.23E-25
RP11-367F23.1	RYR1	-0.427006456	6.99E-21
RP11-367F23.1	IL1RAP	-0.334286187	6.38E-13
RP11-367F23.1	SLC35F2	-0.445924552	7.76E-23
RP11-367F23.1	ISYNA1	-0.435352065	9.94E-22
RP11-367F23.1	HLA-G	-0.248454374	1.34E-07
RP11-367F23.1	CDKN2B	-0.228293964	1.34E-06
RP11-367F23.1	ALDH1A3	-0.137560487	0.003880271
RP11-367F23.1	CLIP3	-0.398659302	3.56E-18
RP11-367F23.1	ULBP2	-0.313333726	1.87E-11
RP11-367F23.1	ETHE1	-0.432775915	1.83E-21
RP11-367F23.1	XPR1	-0.234202003	6.97E-07
RP11-367F23.1	SPTBN2	-0.465885728	4.90E-25
RP11-367F23.1	IVL	-0.367948432	1.60E-15
RP11-367F23.1	MARCO	-0.270898171	8.02E-09

RP11-367F23.1	PLXND1	-0.294921246	2.93E-10
RP11-367F23.1	EMILIN2	-0.434335477	1.26E-21
RP11-367F23.1	PLAUR	-0.226365185	1.65E-06
RP11-367F23.1	CDC42EP5	-0.383131196	8.48E-17
RP11-367F23.1	TRPC5	-0.473806698	5.98E-26
RP11-367F23.1	TMEM100	-0.256076158	5.30E-08
RP11-367F23.1	QSOX1	-0.351102651	3.51E-14
RP11-367F23.1	ARHGAP23	-0.354574255	1.89E-14
RP11-367F23.1	MDFI	-0.108749648	0.022677528
RP11-367F23.1	FSTL3	-0.288593635	7.23E-10
RP11-367F23.1	INF2	-0.513653582	6.33E-31
RP11-367F23.1	TGFBR1	-0.455447086	7.22E-24
RP11-367F23.1	TGFBI	-0.186453014	8.49E-05
RP11-367F23.1	ERBB3	-0.427425886	6.35E-21
RP11-367F23.1	CCL18	-0.187065917	8.04E-05
RP11-367F23.1	CCL17	-0.233818681	7.27E-07
RP11-367F23.1	C16orf45	-0.358756067	8.83E-15
RP11-367F23.1	PRDM1	-0.298958661	1.63E-10
RP11-367F23.1	TRIM47	-0.439432317	3.75E-22
RP11-367F23.1	CNFN	-0.3514235	3.31E-14
RP11-367F23.1	ARMCX3	-0.465675233	5.18E-25
RP11-367F23.1	RAMP1	-0.355809707	1.51E-14
RP11-367F23.1	GABRD	-0.180234197	0.000146638
RP11-367F23.1	COL13A1	-0.331848192	9.58E-13
RP11-367F23.1	S100A5	-0.442065913	1.99E-22
RP11-367F23.1	MISP	-0.190446741	5.93E-05
RP11-367F23.1	HES6	-0.380134198	1.53E-16
RP11-367F23.1	PSD3	-0.472321706	8.91E-26
RP11-367F23.1	DOK7	-0.339993093	2.43E-13
RP11-367F23.1	ZMAT3	-0.320619485	5.94E-12
RP11-367F23.1	MFAP2	-0.316273136	1.18E-11
RP11-367F23.1	TMEM79	-0.521102602	6.26E-32
RP11-367F23.1	SLC1A5	-0.384898558	5.96E-17
RP11-367F23.1	BBC3	-0.33914473	2.81E-13
RP11-367F23.1	HLA-DQB2	-0.294229478	3.24E-10
RP11-367F23.1	C1QL1	-0.393360619	1.07E-17
RP11-367F23.1	TMEM215	-0.301354021	1.14E-10
RP11-367F23.1	PNP	-0.291808078	4.58E-10
RP11-367F23.1	ARNTL	-0.245770707	1.84E-07
RP11-367F23.1	CLDN2	-0.464200367	7.62E-25
RP11-367F23.1	MVP	-0.471748235	1.04E-25
RP11-367F23.1	LGALS1	-0.32927885	1.46E-12
RP11-367F23.1	BIRC7	-0.532706577	1.52E-33
RP11-367F23.1	COL8A1	-0.442919666	1.62E-22
RP11-367F23.1	PERP	-0.301146729	1.18E-10
RP11-367F23.1	GJA4	-0.241540669	3.02E-07
RP11-367F23.1	IGFL2	-0.285518375	1.11E-09
RP11-367F23.1	DAPK2	-0.352952708	2.52E-14
RP11-367F23.1	MAMLD1	-0.390426742	1.95E-17
RP11-367F23.1	ETV5	-0.433106409	1.69E-21
RP11-367F23.1	RUNX1	-0.300269573	1.34E-10

RP11-367F23.1	LONRF2	-0.307210086	4.76E-11
RP11-367F23.1	SPOCK1	-0.174544738	0.000237905
RP11-367F23.1	XKRX	-0.355992117	1.46E-14
RP11-367F23.1	TGFB1	-0.246421198	1.70E-07
RP11-367F23.1	ERP27	-0.098574692	0.038969292
RP11-367F23.1	TNFRSF10C	-0.311231331	2.58E-11
RP11-367F23.1	PALM	-0.401631335	1.90E-18
RP11-367F23.1	TSC22D1	-0.363897587	3.43E-15
RP11-367F23.1	TGM2	-0.226020081	1.72E-06
RP11-367F23.1	UBE2QL1	-0.449873938	2.93E-23
RP11-367F23.1	ECE1	-0.398207816	3.92E-18
RP11-367F23.1	COL8A2	-0.289149659	6.68E-10
RP11-367F23.1	HIST3H2A	-0.376318199	3.23E-16
RP11-367F23.1	TNFRSF21	-0.194655219	4.02E-05
RP11-367F23.1	SOX4	-0.245359079	1.93E-07
RP11-367F23.1	ELF3	-0.27442098	5.04E-09
RP11-367F23.1	TPD52L1	-0.502401329	1.88E-29
RP11-367F23.1	INHBB	-0.316070017	1.22E-11
RP11-367F23.1	HPN	-0.54544993	2.15E-35
RP11-367F23.1	MMP7	-0.200069759	2.41E-05
RP11-367F23.1	RAB27A	-0.476718125	2.72E-26
RP11-367F23.1	IGF2BP2	-0.493323953	2.64E-28
RP11-367F23.1	ITGB4	-0.228045881	1.38E-06
RP11-367F23.1	PPP1R1B	-0.493113458	2.80E-28
RP11-367F23.1	NPDC1	-0.439931178	3.33E-22
RP11-367F23.1	CCL13	-0.305612973	6.06E-11
RP11-367F23.1	SPINT1	-0.482362904	5.79E-27
RP11-367F23.1	HEY2	-0.484932813	2.84E-27
RP11-367F23.1	CST2	-0.162069352	0.000652948
RP11-367F23.1	ADM	-0.543358882	4.38E-35
RP11-367F23.1	VSTM2L	-0.250451663	1.05E-07
RP11-367F23.1	FAM84A	-0.23262471	8.31E-07
RP11-367F23.1	P4HA2	-0.52629788	1.20E-32
RP11-367F23.1	LPL	-0.295749182	2.60E-10
RP11-367F23.1	TMEM173	-0.361086971	5.76E-15
RP11-367F23.1	DHRS3	-0.51451088	4.87E-31
RP11-367F23.1	SCN1B	-0.580142992	7.56E-41
RP11-367F23.1	GLT1D1	-0.449964433	2.86E-23
RP11-367F23.1	PHYHIP	-0.512588767	8.77E-31
RP11-367F23.1	BHLHE40	-0.315985195	1.23E-11
RP11-367F23.1	BID	-0.467938761	2.86E-25
RP11-367F23.1	POSTN	-0.114922366	0.015995762
RP11-367F23.1	ITGA3	-0.41700696	6.74E-20
RP11-367F23.1	RSP04	-0.36799798	1.59E-15
RP11-367F23.1	ADAMTS9	-0.422751454	1.85E-20
RP11-367F23.1	ABTB2	-0.353880502	2.14E-14
RP11-367F23.1	KCNQ3	-0.334026472	6.67E-13
RP11-367F23.1	ANXA1	-0.367462382	1.76E-15
RP11-367F23.1	S100A11	-0.404840246	9.62E-19
RP11-367F23.1	CEACAM6	-0.228782877	1.27E-06
RP11-367F23.1	IER5L	-0.457019981	4.85E-24

RP11-367F23.1	KRT80	-0.293723524	3.48E-10
RP11-367F23.1	CDH6	-0.18620564	8.68E-05
RP11-367F23.1	UNC5B	-0.421206927	2.63E-20
RP11-367F23.1	PLEKHN1	-0.404173443	1.11E-18
RP11-367F23.1	SYTL1	-0.364048366	3.33E-15
RP11-367F23.1	TMEM163	-0.161281153	0.000694322
RP11-367F23.1	C4orf48	-0.284398916	1.30E-09
RP11-367F23.1	B3GNT7	-0.456762536	5.17E-24
RP11-367F23.1	BAIAP3	-0.465028713	6.14E-25
RP11-367F23.1	PHLDA2	-0.415536191	9.35E-20
RP11-367F23.1	GAP43	-0.324866451	3.01E-12
RP11-367F23.1	S100A1	-0.476685785	2.75E-26
RP11-367F23.1	PTPRE	-0.40437103	1.06E-18
RP11-367F23.1	CCND1	-0.347625799	6.48E-14
RP11-367F23.1	ST6GALNAC5	-0.245366345	1.93E-07
RP11-367F23.1	KRT17	-0.091094183	0.056499845
RP11-367F23.1	HPCAL4	-0.493005232	2.89E-28
RP11-367F23.1	GABBR2	-0.354423051	1.94E-14
RP11-367F23.1	DIRAS3	-0.456265235	5.87E-24
RP11-367F23.1	SERINC2	-0.499529295	4.37E-29
RP11-367F23.1	PTCHD4	-0.170322359	0.000337464
RP11-367F23.1	EPS8	-0.456182541	6.00E-24
RP11-367F23.1	LY6E	-0.49818661	6.47E-29
RP11-367F23.1	UPP1	-0.386496701	4.33E-17
RP11-367F23.1	AHNAK2	-0.362538732	4.41E-15
RP11-367F23.1	PLXNC1	-0.511899695	1.08E-30
RP11-367F23.1	TNC	-0.3023914	9.81E-11
RP11-367F23.1	DUSP4	-0.4307182	2.96E-21
RP11-367F23.1	NRCAM	-0.406713423	6.43E-19
RP11-367F23.1	NRP2	-0.43661163	7.37E-22
RP11-367F23.1	CTSC	-0.397994626	4.09E-18
RP11-367F23.1	AMIGO2	-0.313683227	1.77E-11
RP11-367F23.1	NAB2	-0.494876707	1.69E-28
RP11-367F23.1	TBC1D2	-0.318755528	7.98E-12
RP11-367F23.1	PHLDA3	-0.393111402	1.13E-17
RP11-367F23.1	PTP4A3	-0.42968218	3.76E-21
RP11-367F23.1	CRABP2	-0.444459086	1.11E-22
RP11-367F23.1	GOS2	-0.465994095	4.77E-25
RP11-367F23.1	S100A6	-0.421281536	2.58E-20
RP11-367F23.1	FOXQ1	-0.249201318	1.22E-07
RP11-367F23.1	LRG1	-0.402832602	1.48E-18
RP11-367F23.1	LAMP5	-0.183888778	0.000106622
RP11-367F23.1	ALDH3B1	-0.414537476	1.17E-19
RP11-367F23.1	CDH2	-0.108103696	0.023499911
RP11-367F23.1	SCG5	-0.377467836	2.58E-16
RP11-367F23.1	ZCCHC16	-0.508971068	2.63E-30
RP11-367F23.1	GRB7	-0.40299402	1.43E-18
RP11-367F23.1	TIAM1	-0.186849464	8.20E-05
RP11-367F23.1	FXYD5	-0.434988522	1.08E-21
RP11-367F23.1	CLDN9	-0.364242691	3.21E-15
RP11-367F23.1	FAM43A	-0.520601187	7.33E-32

RP11-367F23.1	CHST2	-0.321022602	5.57E-12
RP11-367F23.1	HMG2	-0.484403881	3.29E-27
RP11-367F23.1	GALNT7	-0.601831334	1.33E-44
RP11-367F23.1	CBLN1	-0.267010541	1.33E-08
RP11-367F23.1	STRA6	-0.379784413	1.64E-16
RP11-367F23.1	MUC21	-0.470124393	1.60E-25
RP11-367F23.1	PRR36	-0.528494317	5.95E-33
RP11-367F23.1	NFE2L3	-0.26584587	1.55E-08
RP11-367F23.1	NR1D1	-0.395625566	6.70E-18
RP11-367F23.1	MUC1	-0.355129854	1.71E-14
RP11-367F23.1	NAT8L	-0.437918995	5.40E-22
RP11-367F23.1	APOC1	-0.313374009	1.85E-11
RP11-367F23.1	EVA1A	-0.277054576	3.54E-09
RP11-367F23.1	ENTPD1	-0.316762635	1.09E-11
RP11-367F23.1	COL1A1	-0.205291732	1.46E-05
RP11-367F23.1	FNDC4	-0.285296923	1.15E-09
RP11-367F23.1	FRMD3	-0.363828509	3.47E-15
RP11-367F23.1	SHROOM4	-0.440499401	2.90E-22
RP11-367F23.1	NELL2	-0.402659554	1.53E-18
RP11-367F23.1	EPHB3	-0.468091242	2.75E-25
RP11-367F23.1	TMC6	-0.551911156	2.32E-36
RP11-367F23.1	NOD1	-0.434264698	1.29E-21
RP11-367F23.1	GGCT	-0.53116919	2.50E-33
RP11-367F23.1	ICAM1	-0.366702246	2.03E-15
RP11-367F23.1	PRSS23	-0.341913645	1.75E-13
RP11-367F23.1	CFI	-0.322109119	4.68E-12
RP11-367F23.1	CD55	-0.254860707	6.15E-08
RP11-367F23.1	RASD2	-0.331018836	1.10E-12
RP11-367F23.1	KLK11	-0.332558906	8.51E-13
RP11-367F23.1	ICAM5	-0.402581966	1.56E-18
RP11-367F23.1	ADORA1	-0.560370097	1.16E-37
RP11-367F23.1	ITGA2	-0.227934818	1.39E-06
RP11-367F23.1	ABCC3	-0.39155113	1.55E-17
RP11-367F23.1	MFGE8	-0.439111326	4.06E-22
RP11-367F23.1	STK32A	-0.338805442	2.98E-13
RP11-367F23.1	CYSLTR2	-0.233256904	7.75E-07
RP11-367F23.1	LAD1	-0.535571851	5.91E-34
RP11-367F23.1	MGAT3	-0.2209909	2.94E-06
RP11-367F23.1	IGFBP6	-0.429803881	3.66E-21
RP11-367F23.1	CYP2S1	-0.313783368	1.74E-11
RP11-367F23.1	KCNJ2	-0.445993826	7.63E-23
RP11-367F23.1	FAM20A	-0.369110454	1.29E-15
RP11-367F23.1	TGFA	-0.536581914	4.24E-34
RP11-367F23.1	MXRA8	-0.355649141	1.55E-14
RP11-367F23.1	C8orf4	-0.154706878	0.001146662
RP11-367F23.1	CLDN10	-0.352743969	2.62E-14
RP11-367F23.1	PDE5A	-0.53823339	2.45E-34
RP11-367F23.1	APOE	-0.35075925	3.73E-14
RP11-367F23.1	SPOCK2	-0.244166748	2.22E-07
RP11-367F23.1	TENM1	-0.465894805	4.89E-25
RP11-367F23.1	SLIT1	-0.39343452	1.05E-17

RP11-367F23.1	CXCL14	-0.084911536	0.075529966
RP11-367F23.1	ECM1	-0.297041513	2.16E-10
RP11-367F23.1	DUSP5	-0.305016628	6.63E-11
RP11-367F23.1	SEZ6L2	-0.417078023	6.64E-20
RP11-367F23.1	THRSP	-0.470150233	1.59E-25
RP11-367F23.1	C19orf33	-0.312261678	2.20E-11
RP11-367F23.1	MPZL2	-0.414579745	1.16E-19
RP11-367F23.1	CTSH	-0.609244326	5.93E-46
RP11-367F23.1	CYP1B1	-0.529950192	3.72E-33
RP11-367F23.1	ALOX5	-0.287875059	8.00E-10
RP11-367F23.1	SYTL5	-0.324397765	3.24E-12
RP11-367F23.1	TNFRSF12A	-0.337416091	3.77E-13
RP11-367F23.1	DUSP6	-0.267159618	1.31E-08
RP11-367F23.1	ALOX15B	-0.375773381	3.59E-16
RP11-367F23.1	SDC4	-0.4724044	8.72E-26
RP11-367F23.1	MDK	-0.361066971	5.78E-15
RP11-367F23.1	KRT19	-0.319341197	7.28E-12
RP11-367F23.1	MET	-0.463193834	9.90E-25
RP11-367F23.1	TESC	-0.433963707	1.38E-21
RP11-367F23.1	CXCL17	-0.468838062	2.25E-25
RP11-367F23.1	NPC2	-0.577671664	1.95E-40
RP11-367F23.1	COMP	-0.24003061	3.59E-07
RP11-367F23.1	TUSC3	-0.358919186	8.58E-15
RP11-367F23.1	TMPRSS4	-0.296074286	2.48E-10
RP11-367F23.1	LGALS3	-0.512044658	1.04E-30
RP11-367F23.1	CRLF1	-0.10880596	0.022607031
RP11-367F23.1	CTXN1	-0.309777867	3.22E-11
RP11-367F23.1	PCSK1N	-0.138806293	0.003566675
RP11-367F23.1	NMU	-0.366255351	2.21E-15
RP11-367F23.1	GALE	-0.616755756	2.33E-47
RP11-367F23.1	PCSK2	-0.168000675	0.00040758
RP11-367F23.1	GJB3	-0.484129273	3.55E-27
RP11-367F23.1	SLPI	-0.209665315	9.43E-06
RP11-367F23.1	AGR2	-0.106647395	0.025449121
RP11-367F23.1	MRC2	-0.324984983	2.95E-12
RP11-367F23.1	GOLT1A	-0.564615312	2.51E-38
RP11-367F23.1	SLC27A6	-0.214115359	6.01E-06
RP11-367F23.1	KCNN4	-0.382031914	1.05E-16
RP11-367F23.1	ETV4	-0.341215861	1.97E-13
RP11-367F23.1	SYT12	-0.51528208	3.84E-31
RP11-367F23.1	PVRL4	-0.474155592	5.45E-26
RP11-367F23.1	PLCD3	-0.491841553	4.03E-28
RP11-367F23.1	PLAU	-0.375203172	4.01E-16
RP11-367F23.1	LRRK2	-0.470205978	1.57E-25
RP11-367F23.1	SFN	-0.29601457	2.50E-10
RP11-367F23.1	LPAR5	-0.522789539	3.68E-32
RP11-367F23.1	NGEF	-0.425386469	1.01E-20
RP11-367F23.1	DTX4	-0.406489879	6.75E-19
RP11-367F23.1	CST6	-0.373116522	6.00E-16
RP11-367F23.1	QPCT	-0.517087314	2.19E-31
RP11-367F23.1	TIMP1	-0.525379873	1.61E-32

RP11-367F23.1	CAMK2N1	-0.506986116	4.79E-30
RP11-367F23.1	KLHDC8A	-0.234322853	6.87E-07
RP11-367F23.1	PDLIM4	-0.491529499	4.41E-28
RP11-367F23.1	SCEL	-0.328843818	1.57E-12
RP11-367F23.1	LCN2	-0.402301684	1.65E-18
RP11-367F23.1	PROS1	-0.498087746	6.66E-29
RP11-367F23.1	GABRB2	-0.431969822	2.21E-21
RP11-367F23.1	TMPRSS6	-0.371841355	7.66E-16
RP11-367F23.1	KLK7	-0.39349601	1.04E-17
RP11-367F23.1	PDZK1IP1	-0.453457456	1.19E-23
RP11-367F23.1	CDH3	-0.38329162	8.21E-17
RP11-367F23.1	LRP4	-0.437919279	5.39E-22
RP11-367F23.1	IGSF1	-0.150142091	0.001606313
RP11-367F23.1	B3GNT3	-0.335743764	5.00E-13
RP11-367F23.1	CLDN1	-0.344266393	1.17E-13
RP11-367F23.1	GDF15	-0.409690138	3.38E-19
RP11-367F23.1	ARHGAP36	-0.131285918	0.005872159
RP11-367F23.1	LAMB3	-0.343553916	1.32E-13
RP11-367F23.1	KLK10	-0.422552023	1.94E-20
RP11-367F23.1	DPP4	-0.40329884	1.34E-18
RP11-367F23.1	METTL7B	-0.586533155	6.33E-42
RP11-367F23.1	LIPH	-0.463478229	9.20E-25
RP11-367F23.1	CLDN16	-0.417942555	5.47E-20
RP11-367F23.1	CHI3L1	-0.56102995	9.18E-38
RP11-367F23.1	SLC22A31	-0.469892742	1.70E-25
RP11-367F23.1	TACSTD2	-0.384729765	6.17E-17
RP11-367F23.1	SFTPB	-0.280540932	2.21E-09
RP11-367F23.1	RXRG	-0.537161342	3.50E-34
RP11-367F23.1	DCSTAMP	-0.480853583	8.79E-27
RP11-367F23.1	CITED1	-0.609893398	4.50E-46
RP11-367F23.1	SERPINA1	-0.537992825	2.65E-34
RP11-367F23.1	PRR15	-0.452480016	1.53E-23
RP11-367F23.1	SLC34A2	-0.473438009	6.61E-26
RP11-367F23.1	FN1	-0.419858853	3.56E-20
RP11-367F23.1	ZCCHC12	-0.358312666	9.58E-15
AC131097.4	TFF3	0.628692933	1.14E-49
AC131097.4	CCL21	0.338616551	3.07E-13
AC131097.4	TPO	0.606246225	2.11E-45
AC131097.4	MT1G	0.626787836	2.70E-49
AC131097.4	DIO1	0.578570731	1.38E-40
AC131097.4	DPT	0.283202568	1.53E-09
AC131097.4	CDH16	0.549874996	4.70E-36
AC131097.4	CRABP1	0.562778962	4.88E-38
AC131097.4	SLC26A7	0.566555424	1.24E-38
AC131097.4	MT1H	0.573553294	9.22E-40
AC131097.4	SLC26A4	0.556174375	5.18E-37
AC131097.4	SLC5A8	0.599561344	3.39E-44
AC131097.4	PKHD1L1	0.53099563	2.65E-33
AC131097.4	TFCP2L1	0.571580956	1.93E-39
AC131097.4	WSCD2	0.576175604	3.43E-40
AC131097.4	IPCEF1	0.551558897	2.62E-36

AC131097.4	SLC5A5	0.48987012	7.07E-28
AC131097.4	MT1F	0.646784649	2.24E-53
AC131097.4	FOSB	0.34314553	1.41E-13
AC131097.4	SEMA3D	0.525485623	1.56E-32
AC131097.4	BMP8A	0.496872562	9.48E-29
AC131097.4	MATN2	0.57294487	1.16E-39
AC131097.4	PLA2R1	0.515814667	3.25E-31
AC131097.4	COL23A1	0.586409973	6.65E-42
AC131097.4	HGD	0.64381754	9.46E-53
AC131097.4	TCEAL2	0.499164734	4.86E-29
AC131097.4	CHRD1	0.292536089	4.13E-10
AC131097.4	TNFRSF11B	0.458459296	3.36E-24
AC131097.4	FAM167A	0.605346192	3.07E-45
AC131097.4	KIT	0.49038461	6.11E-28
AC131097.4	SLC4A4	0.591062258	1.06E-42
AC131097.4	SMOC2	0.349418668	4.73E-14
AC131097.4	FHL1	0.645885183	3.48E-53
AC131097.4	OTOS	0.606605287	1.81E-45
AC131097.4	IGFBPL1	0.565404986	1.88E-38
AC131097.4	HBB	0.316794944	1.09E-11
AC131097.4	BEX1	0.5208241	6.83E-32
AC131097.4	FABP4	0.499711448	4.14E-29
AC131097.4	LMOD1	0.548050251	8.82E-36
AC131097.4	SOD3	0.595021807	2.16E-43
AC131097.4	TMEM171	0.547744732	9.80E-36
AC131097.4	PI16	0.343986558	1.22E-13
AC131097.4	ZMAT4	0.621005473	3.60E-48
AC131097.4	MFAP4	0.264127034	1.93E-08
AC131097.4	CWH43	0.516454091	2.67E-31
AC131097.4	SPX	0.610280593	3.82E-46
AC131097.4	APOD	0.1591829	0.000816591
AC131097.4	DPP6	0.547847848	9.46E-36
AC131097.4	MMRN1	0.349623411	4.56E-14
AC131097.4	WDR72	0.462926411	1.06E-24
AC131097.4	MPPED2	0.629296312	8.62E-50
AC131097.4	PAPSS2	0.363371836	3.78E-15
AC131097.4	DCN	0.08891609	0.062691151
AC131097.4	SORBS2	0.628568683	1.20E-49
AC131097.4	EGR2	0.296308366	2.40E-10
AC131097.4	EDN3	0.476888621	2.60E-26
AC131097.4	DIO2	0.535045128	7.04E-34
AC131097.4	ITPR1	0.559333319	1.69E-37
AC131097.4	CFD	0.307700294	4.42E-11
AC131097.4	CPXM1	0.401431925	1.99E-18
AC131097.4	ELMO1	0.57557022	4.32E-40
AC131097.4	GPC3	0.415373477	9.70E-20
AC131097.4	MYOC	0.227207778	1.51E-06
AC131097.4	DEPTOR	0.554942229	8.01E-37
AC131097.4	DGKI	0.511515771	1.22E-30
AC131097.4	CARTPT	0.52685039	1.01E-32
AC131097.4	IYD	0.409276628	3.70E-19

AC131097.4	LYVE1	0.322138051	4.66E-12
AC131097.4	CLCNKB	0.633535636	1.22E-50
AC131097.4	NCAM1	0.439911926	3.35E-22
AC131097.4	HBA2	0.316016892	1.23E-11
AC131097.4	GLT8D2	0.455710051	6.76E-24
AC131097.4	OGDHL	0.521358616	5.77E-32
AC131097.4	LIFR	0.424997664	1.11E-20
AC131097.4	CSGALNACT1	0.398160645	3.95E-18
AC131097.4	RAP1GAP	0.550134985	4.29E-36
AC131097.4	COL9A3	0.563627818	3.59E-38
AC131097.4	FBLN1	0.167219935	0.000434056
AC131097.4	EFEMP1	0.370365724	1.01E-15
AC131097.4	AOX1	0.472099302	9.46E-26
AC131097.4	GRIN2C	0.586924278	5.43E-42
AC131097.4	C11orf74	0.638842928	1.02E-51
AC131097.4	PPARGC1A	0.570066765	3.39E-39
AC131097.4	ANGPTL1	0.516629384	2.53E-31
AC131097.4	SCARA5	0.251456997	9.31E-08
AC131097.4	LTF	0.472925917	7.58E-26
AC131097.4	CA4	0.55876191	2.07E-37
AC131097.4	TG	0.539674578	1.51E-34
AC131097.4	FCGBP	0.607183064	1.42E-45
AC131097.4	PBX4	0.589391691	2.05E-42
AC131097.4	CYR61	0.376166045	3.33E-16
AC131097.4	FOS	0.366430784	2.13E-15
AC131097.4	KHDRBS2	0.520987994	6.49E-32
AC131097.4	MUM1L1	0.466883265	3.77E-25
AC131097.4	RGS16	0.501176705	2.69E-29
AC131097.4	MT1M	0.536995542	3.69E-34
AC131097.4	LRP2	0.511711224	1.15E-30
AC131097.4	MAFB	0.45251437	1.51E-23
AC131097.4	KCNK2	0.457875845	3.90E-24
AC131097.4	TBC1D4	0.470145538	1.59E-25
AC131097.4	MIOX	0.620814601	3.92E-48
AC131097.4	TPPP	0.534044178	9.78E-34
AC131097.4	FMOD	0.513728301	6.19E-31
AC131097.4	CITED2	0.375822372	3.56E-16
AC131097.4	RGS8	0.570245974	3.17E-39
AC131097.4	ABI3BP	0.257343776	4.53E-08
AC131097.4	ADH1B	0.308498604	3.92E-11
AC131097.4	OGN	0.195371472	3.76E-05
AC131097.4	NR4A1	0.298544016	1.73E-10
AC131097.4	FOXJ1	0.586300209	6.94E-42
AC131097.4	ALDH1A1	0.581210193	5.02E-41
AC131097.4	OCA2	0.504096417	1.14E-29
AC131097.4	TMEM139	0.391347813	1.62E-17
AC131097.4	ARHGAP24	0.555824673	5.87E-37
AC131097.4	SLC25A15	0.459597616	2.51E-24
AC131097.4	DES	0.243477138	2.41E-07
AC131097.4	GDF10	0.421019088	2.74E-20
AC131097.4	KIAA1324	0.50415353	1.12E-29

AC131097.4	JUN	0.382285573	1.00E-16
AC131097.4	C7	0.092733375	0.052182407
AC131097.4	LGI3	0.646545864	2.52E-53
AC131097.4	CDON	0.606822087	1.65E-45
AC131097.4	BCL2	0.535278239	6.52E-34
AC131097.4	HLF	0.597628079	7.48E-44
AC131097.4	EGR1	0.37222373	7.12E-16
AC131097.4	IP6K3	0.464308906	7.41E-25
AC131097.4	SCUBE3	0.441769719	2.14E-22
AC131097.4	PKNOX2	0.51658584	2.56E-31
AC131097.4	SMAD9	0.401388594	2.00E-18
AC131097.4	IQGAP2	0.520904664	6.66E-32
AC131097.4	GNA14	0.628813283	1.07E-49
AC131097.4	LAYN	0.506335565	5.82E-30
AC131097.4	AVPR1A	0.500676159	3.12E-29
AC131097.4	PDLIM3	0.423557938	1.54E-20
AC131097.4	GPM6A	0.499513655	4.39E-29
AC131097.4	SDPR	0.425317367	1.03E-20
AC131097.4	CRYAB	0.373620692	5.44E-16
AC131097.4	FOXA2	0.470518797	1.44E-25
AC131097.4	C8orf88	0.437245088	6.34E-22
AC131097.4	ISM1	0.472461468	8.59E-26
AC131097.4	BMP2	0.327116635	2.09E-12
AC131097.4	ID4	0.545050024	2.46E-35
AC131097.4	NUPR1	0.416960558	6.81E-20
AC131097.4	SERTM1	0.465085585	6.05E-25
AC131097.4	IRS1	0.535969983	5.19E-34
AC131097.4	FIBIN	0.222212924	2.58E-06
AC131097.4	PODN	0.160010666	0.000766154
AC131097.4	TDRD9	0.446840639	6.20E-23
AC131097.4	EPHA3	0.318728976	8.02E-12
AC131097.4	AIF1L	0.430979042	2.78E-21
AC131097.4	EBF4	0.630758165	4.41E-50
AC131097.4	ADM2	0.527356731	8.58E-33
AC131097.4	GSTM3	0.612886653	1.25E-46
AC131097.4	HSD17B6	0.321884374	4.86E-12
AC131097.4	AGR3	0.428600349	4.84E-21
AC131097.4	EPHB1	0.425054045	1.09E-20
AC131097.4	TMOD1	0.430602178	3.04E-21
AC131097.4	WASF3	0.546432235	1.54E-35
AC131097.4	SELV	0.624468064	7.68E-49
AC131097.4	ENPP1	0.322342085	4.51E-12
AC131097.4	SYNE1	0.553657834	1.26E-36
AC131097.4	PLCH1	0.553522714	1.32E-36
AC131097.4	CCDC146	0.541608255	7.91E-35
AC131097.4	SLC16A2	0.529247856	4.66E-33
AC131097.4	IER2	0.50692788	4.87E-30
AC131097.4	KCNAB1	0.555699998	6.13E-37
AC131097.4	SYNDIG1	0.547038875	1.25E-35
AC131097.4	C16orf89	0.624895293	6.34E-49
AC131097.4	CTGF	0.266900747	1.35E-08

AC131097.4	NR4A3	0.161658327	0.00067423
AC131097.4	KIAA1456	0.485320923	2.55E-27
AC131097.4	AQP4	0.457713512	4.06E-24
AC131097.4	RNF150	0.537746645	2.88E-34
AC131097.4	C1S	0.034184012	0.474979041
AC131097.4	PFKFB2	0.438773534	4.40E-22
AC131097.4	PROX1	0.448529504	4.08E-23
AC131097.4	TCF7L1	0.608820584	7.10E-46
AC131097.4	HSPB6	0.321385175	5.26E-12
AC131097.4	FHDC1	0.384639445	6.28E-17
AC131097.4	PRR15L	0.473910698	5.82E-26
AC131097.4	SLC1A1	0.397614073	4.43E-18
AC131097.4	BTBD11	0.618037782	1.33E-47
AC131097.4	TRIM58	0.412736836	1.74E-19
AC131097.4	LRIG1	0.440131916	3.17E-22
AC131097.4	ROR2	0.352243939	2.86E-14
AC131097.4	GPR125	0.506108411	6.23E-30
AC131097.4	FLRT1	0.650383787	3.84E-54
AC131097.4	PGF	0.625943333	3.95E-49
AC131097.4	DUSP1	0.32280391	4.19E-12
AC131097.4	PLA2G7	0.316108236	1.21E-11
AC131097.4	PLSCR4	0.315060479	1.43E-11
AC131097.4	FAM46B	0.447930309	4.74E-23
AC131097.4	GLDC	0.506058201	6.32E-30
AC131097.4	ZBTB16	0.362181532	4.71E-15
AC131097.4	OMD	0.120939235	0.011211115
AC131097.4	HSD11B2	0.575692129	4.12E-40
AC131097.4	FGL2	0.126471591	0.007978469
AC131097.4	CLCNKA	0.677829137	2.36E-60
AC131097.4	GATM	0.417483869	6.06E-20
AC131097.4	TNS3	0.341740412	1.80E-13
AC131097.4	TOB1	0.368796641	1.37E-15
AC131097.4	MARC2	0.573755261	8.55E-40
AC131097.4	LRRC2	0.468766164	2.30E-25
AC131097.4	SORD	0.312223932	2.21E-11
AC131097.4	RIMS4	0.514474298	4.92E-31
AC131097.4	SLC29A4	0.587053634	5.16E-42
AC131097.4	SLC39A14	0.471612923	1.08E-25
AC131097.4	FAXDC2	0.544627417	2.85E-35
AC131097.4	HSPB8	0.405015603	9.27E-19
AC131097.4	CCL19	-0.003797396	0.936764008
AC131097.4	KCNIP3	0.63320565	1.43E-50
AC131097.4	CGNL1	0.534852158	7.50E-34
AC131097.4	ATF3	0.144625148	0.002384871
AC131097.4	SGCD	0.393358508	1.07E-17
AC131097.4	STARD13	0.466025216	4.73E-25
AC131097.4	LDHD	0.608666406	7.58E-46
AC131097.4	RCAN1	0.356935867	1.23E-14
AC131097.4	ID3	0.492931665	2.95E-28
AC131097.4	SYTL3	0.525889275	1.37E-32
AC131097.4	MT1E	0.490189157	6.46E-28

AC131097.4	CAMK1D	0.469749172	1.77E-25
AC131097.4	PRKCQ	0.494279125	2.01E-28
AC131097.4	NUAK2	0.323062977	4.02E-12
AC131097.4	LIPG	0.49384581	2.27E-28
AC131097.4	SLC25A25	0.312171381	2.23E-11
AC131097.4	PRKX	0.241062196	3.19E-07
AC131097.4	SRPX	0.236865353	5.16E-07
AC131097.4	FAM189A1	0.551792149	2.41E-36
AC131097.4	PLEKHH1	0.437831305	5.51E-22
AC131097.4	WNT11	0.503790424	1.24E-29
AC131097.4	SNAI1	0.398108378	4.00E-18
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AC131097.4	MT1X	0.475377799	3.92E-26
AC131097.4	ACACB	0.577825301	1.83E-40
AC131097.4	ARC	0.229578144	1.16E-06
AC131097.4	KLK4	0.275303318	4.48E-09
AC131097.4	ZFPM2	0.323646853	3.66E-12
AC131097.4	AKAP12	0.318366154	8.49E-12
AC131097.4	GJB6	0.375226919	3.99E-16
AC131097.4	ERO1LB	0.508213074	3.31E-30
AC131097.4	DNALI1	0.52579857	1.41E-32
AC131097.4	HKDC1	0.399181808	3.19E-18
AC131097.4	ZFP36L2	0.396662553	5.40E-18
AC131097.4	CAPSL	0.622570703	1.79E-48
AC131097.4	CYP7B1	0.398611265	3.60E-18
AC131097.4	CPQ	0.513076272	7.56E-31
AC131097.4	RPS6KA6	0.502163135	2.01E-29
AC131097.4	TLE1	0.472558627	8.37E-26
AC131097.4	TP53INP2	0.582738568	2.78E-41
AC131097.4	KATNAL2	0.655487968	3.01E-55
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AC131097.4	TMEM220	0.558304781	2.43E-37
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AC131097.4	FAM155B	0.482067941	6.29E-27
AC131097.4	WFS1	0.617220724	1.90E-47
AC131097.4	SELENBP1	0.52347569	2.96E-32
AC131097.4	SNTA1	0.555010169	7.82E-37
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AC131097.4	FBLN7	0.515720983	3.35E-31
AC131097.4	AGPAT9	0.471325275	1.16E-25
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AC131097.4	PRTG	0.430251129	3.30E-21
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AC131097.4	GRAMD2	0.408195397	4.67E-19
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AC131097.4	FBLN5	0.295983557	2.51E-10
AC131097.4	ITM2A	0.505049165	8.55E-30
AC131097.4	SRF	0.42102074	2.74E-20
AC131097.4	FGFR2	0.33756449	3.68E-13

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AC131097.4	FHL2	0.372564567	6.67E-16
AC131097.4	FTCDNL1	0.441248961	2.42E-22
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AC131097.4	EYA2	0.306997203	4.92E-11
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AC131097.4	ALDH1B1	0.439627131	3.58E-22
AC131097.4	CXCL12	0.1827958	0.000117359
AC131097.4	OLFM2	0.451004789	2.21E-23
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AC131097.4	HTRA3	0.25924639	3.57E-08
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AC131097.4	SHANK2	0.52452061	2.12E-32
AC131097.4	CNTFR	0.522250101	4.36E-32
AC131097.4	CYTH3	0.457644224	4.13E-24
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AC131097.4	WVOX	0.598954335	4.35E-44
AC131097.4	NPR3	0.450318081	2.62E-23
AC131097.4	SDC2	0.396378026	5.73E-18
AC131097.4	KLF15	0.495164974	1.55E-28
AC131097.4	TMEM164	0.537022988	3.66E-34
AC131097.4	LONRF3	0.191838608	5.22E-05
AC131097.4	GBP1	0.115189303	0.01575054
AC131097.4	ARHGAP6	0.37782484	2.41E-16
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AC131097.4	SH3RF1	0.361005979	5.85E-15
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AC131097.4	PEG3	0.481015929	8.40E-27
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AC131097.4	CHCHD10	0.525341001	1.64E-32

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AC131097.4	ANKRD37	0.491363504	4.62E-28
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AC131097.4	PRDM16	0.452252041	1.62E-23
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AC131097.4	MARC1	0.557665234	3.06E-37
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AC131097.4	COPZ2	0.583626403	1.97E-41
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AC131097.4	DACT1	0.365703936	2.45E-15
AC131097.4	WBSCR17	0.537006747	3.68E-34
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AC131097.4	SPIRE2	0.427665991	6.00E-21
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AC131097.4	SPAG5	0.423076398	1.72E-20
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AC131097.4	MAN1A1	0.090864447	0.057127973
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AC131097.4	CDC42EP2	0.500498294	3.29E-29
AC131097.4	FAM3B	0.215559518	5.18E-06
AC131097.4	GADD45B	0.242649647	2.65E-07
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AC131097.4	PEBP4	0.328594444	1.64E-12
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AC131097.4	GLUL	0.237961264	4.55E-07
AC131097.4	FREM2	0.346909342	7.35E-14
AC131097.4	ACKR3	0.404748097	9.81E-19
AC131097.4	DENND6A	0.489626131	7.58E-28
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AC131097.4	CORO2B	0.515602052	3.48E-31
AC131097.4	TC2N	0.26081377	2.93E-08
AC131097.4	ALDH2	0.539064178	1.86E-34
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AC131097.4	C4orf47	0.515959341	3.11E-31
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AC131097.4	LGMN	0.537231702	3.41E-34
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AC131097.4	KIAA1467	0.489539114	7.77E-28
AC131097.4	PRKG1	0.514761378	4.50E-31
AC131097.4	GNAI1	0.509248491	2.42E-30
AC131097.4	ABCC4	0.321775088	4.94E-12
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AC131097.4	TSPAN5	0.362763918	4.23E-15
AC131097.4	CR2	0.144978416	0.002326202
AC131097.4	CCDC170	0.399203013	3.18E-18
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AC131097.4	UBTD1	-0.23204889	8.86E-07
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AC131097.4	MMP16	-0.509781944	2.06E-30
AC131097.4	SIGLEC15	-0.496468749	1.07E-28
AC131097.4	RIN1	-0.438276534	4.95E-22
AC131097.4	IL1RN	-0.444286918	1.16E-22
AC131097.4	FCER1G	-0.273993496	5.33E-09
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AC131097.4	CTSB	-0.394968866	7.68E-18
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AC131097.4	AQP1	-0.086669306	0.069652918
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AC131097.4	VTCN1	-0.531891823	1.98E-33
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AC131097.4	ENTPD2	-0.404532219	1.03E-18
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AC131097.4	NKAIN4	-0.244043063	2.25E-07
AC131097.4	TRIM29	-0.395866913	6.38E-18
AC131097.4	ADCY8	-0.479843179	1.16E-26
AC131097.4	SFTA2	-0.340037222	2.41E-13
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AC131097.4	RUNX2	-0.499261964	4.72E-29
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AC131097.4	PLAG1	-0.352335424	2.82E-14
AC131097.4	PTPRU	-0.524048148	2.47E-32
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AC131097.4	PALM3	-0.294377738	3.17E-10
AC131097.4	ACP5	-0.31021267	3.02E-11
AC131097.4	DLG4	-0.286790187	9.31E-10
AC131097.4	ETNK2	-0.453207533	1.27E-23

AC131097.4	CD109	-0.521017141	6.43E-32
AC131097.4	SNX22	-0.280212168	2.31E-09
AC131097.4	TMEM98	-0.482796846	5.14E-27
AC131097.4	CTHRC1	-0.367701865	1.68E-15
AC131097.4	S100A2	-0.370471393	9.95E-16
AC131097.4	C11orf80	-0.525779351	1.42E-32
AC131097.4	SREBF1	-0.442629612	1.73E-22
AC131097.4	PRSS22	-0.509073534	2.55E-30
AC131097.4	CMTM3	-0.377718675	2.46E-16
AC131097.4	RDH5	-0.407429969	5.51E-19
AC131097.4	MYH10	-0.443903884	1.27E-22
AC131097.4	EVPL	-0.462350124	1.23E-24
AC131097.4	SCD	-0.485865298	2.19E-27
AC131097.4	CD151	-0.340111403	2.38E-13
AC131097.4	S100A4	-0.401459158	1.98E-18
AC131097.4	BNIP1	-0.343000571	1.45E-13
AC131097.4	MAP3K6	-0.476371586	2.99E-26
AC131097.4	MANEAL	-0.376700704	3.00E-16
AC131097.4	CD207	-0.389363847	2.42E-17
AC131097.4	CD1A	-0.425226171	1.05E-20
AC131097.4	C3	-0.428448014	5.01E-21
AC131097.4	NT5E	-0.448060658	4.59E-23
AC131097.4	CACNG4	-0.502984432	1.58E-29
AC131097.4	FHOD1	-0.423623042	1.52E-20
AC131097.4	LEMD1	-0.500716299	3.08E-29
AC131097.4	ATP11A	-0.346703393	7.62E-14
AC131097.4	PPAP2C	-0.30555769	6.11E-11
AC131097.4	DRAM1	-0.534418559	8.65E-34
AC131097.4	CDA	-0.140317813	0.003217133
AC131097.4	CCND2	-0.223630665	2.22E-06
AC131097.4	LCN6	-0.200779088	2.25E-05
AC131097.4	CDH4	-0.429603285	3.83E-21
AC131097.4	MMP11	-0.458553618	3.28E-24
AC131097.4	B3GAT1	-0.348921739	5.16E-14
AC131097.4	SPP1	-0.310323304	2.97E-11
AC131097.4	HLA-DQB1	-0.289152073	6.68E-10
AC131097.4	SDC3	-0.456479734	5.56E-24
AC131097.4	CX3CL1	-0.328642811	1.63E-12
AC131097.4	SDK1	-0.39203204	1.41E-17
AC131097.4	DOCK9	-0.577937353	1.76E-40
AC131097.4	CSF2	-0.526025904	1.31E-32
AC131097.4	GRHL3	-0.535196753	6.69E-34
AC131097.4	TMEM92	-0.575741908	4.05E-40
AC131097.4	BASP1	-0.528887943	5.24E-33
AC131097.4	HRH1	-0.519109917	1.17E-31
AC131097.4	ESM1	-0.038979838	0.415244396
AC131097.4	B4GALNT3	-0.486632712	1.76E-27
AC131097.4	LMO3	-0.269436455	9.71E-09
AC131097.4	C9orf16	-0.303824714	7.93E-11
AC131097.4	SEMA3F	-0.171800025	0.000298879
AC131097.4	PLA2G12B	-0.280584347	2.19E-09

AC131097.4	KLK6	-0.438744559	4.43E-22
AC131097.4	ST3GAL5	-0.296092772	2.47E-10
AC131097.4	FAM132B	-0.148460021	0.001814565
AC131097.4	CDKN1A	-0.182174337	0.00012391
AC131097.4	E2F1	-0.301131778	1.18E-10
AC131097.4	B3GNT8	-0.280315143	2.28E-09
AC131097.4	MTMR11	-0.567833952	7.73E-39
AC131097.4	MYO1G	-0.473782476	6.02E-26
AC131097.4	TMSB10	-0.373691824	5.37E-16
AC131097.4	UNC5CL	-0.585022301	1.14E-41
AC131097.4	ABR	-0.46757047	3.15E-25
AC131097.4	PLP2	-0.426417604	8.00E-21
AC131097.4	SRCIN1	-0.405951166	7.58E-19
AC131097.4	PDE9A	-0.515905727	3.16E-31
AC131097.4	TREM2	-0.248415005	1.34E-07
AC131097.4	KDEL3	-0.350639893	3.81E-14
AC131097.4	PC	-0.458593829	3.24E-24
AC131097.4	C2CD4A	-0.571087147	2.32E-39
AC131097.4	PELI1	-0.520479292	7.61E-32
AC131097.4	SSX1	-0.2483382	1.36E-07
AC131097.4	MROH6	-0.455642607	6.88E-24
AC131097.4	ESPN	-0.406686667	6.47E-19
AC131097.4	BMP1	-0.381431851	1.19E-16
AC131097.4	TM4SF4	-0.385029276	5.81E-17
AC131097.4	CORO2A	-0.543066491	4.83E-35
AC131097.4	CD164L2	-0.337299194	3.84E-13
AC131097.4	CTSS	-0.421018613	2.74E-20
AC131097.4	CLU	-0.395730677	6.56E-18
AC131097.4	TMSB4X	-0.386656097	4.19E-17
AC131097.4	WNT10A	-0.444788047	1.03E-22
AC131097.4	NAPSA	-0.356080797	1.44E-14
AC131097.4	PLEKHA4	-0.408646513	4.24E-19
AC131097.4	SFTPA1	-0.102229314	0.032237906
AC131097.4	C1orf116	-0.534430403	8.61E-34
AC131097.4	TM4SF1	-0.38931407	2.45E-17
AC131097.4	SEL1L3	-0.504085731	1.14E-29
AC131097.4	VASN	-0.446416402	6.88E-23
AC131097.4	NPTXR	-0.548839579	6.72E-36
AC131097.4	PDE4C	-0.456438389	5.62E-24
AC131097.4	CDC42EP1	-0.492095175	3.75E-28
AC131097.4	ENDOD1	-0.600847163	2.00E-44
AC131097.4	RYR1	-0.351678927	3.17E-14
AC131097.4	IL1RAP	-0.532393184	1.68E-33
AC131097.4	SLC35F2	-0.565832993	1.61E-38
AC131097.4	ISYNA1	-0.278094811	3.08E-09
AC131097.4	HLA-G	-0.441856099	2.09E-22
AC131097.4	CDKN2B	-0.499821373	4.01E-29
AC131097.4	ALDH1A3	-0.387911221	3.25E-17
AC131097.4	CLIP3	-0.406024709	7.46E-19
AC131097.4	ULBP2	-0.354770924	1.82E-14
AC131097.4	ETHE1	-0.517522538	1.92E-31

AC131097.4	XPR1	-0.513729932	6.18E-31
AC131097.4	SPTBN2	-0.585397676	9.88E-42
AC131097.4	IVL	-0.513427033	6.79E-31
AC131097.4	MARCO	-0.410149144	3.06E-19
AC131097.4	PLXND1	-0.253571524	7.20E-08
AC131097.4	EMILIN2	-0.369923119	1.10E-15
AC131097.4	PLAUR	-0.482317221	5.87E-27
AC131097.4	CDC42EP5	-0.416383703	7.75E-20
AC131097.4	TRPC5	-0.312440262	2.14E-11
AC131097.4	TMEM100	-0.359158397	8.21E-15
AC131097.4	QSOX1	-0.523566608	2.87E-32
AC131097.4	ARHGAP23	-0.482878048	5.02E-27
AC131097.4	MDFI	-0.318083259	8.88E-12
AC131097.4	FSTL3	-0.471811496	1.02E-25
AC131097.4	INF2	-0.430083477	3.43E-21
AC131097.4	TGFBR1	-0.584635864	1.33E-41
AC131097.4	TGFBI	-0.306424887	5.36E-11
AC131097.4	ERBB3	-0.622251149	2.07E-48
AC131097.4	CCL18	-0.353705579	2.20E-14
AC131097.4	CCL17	-0.421115645	2.68E-20
AC131097.4	C16orf45	-0.342838025	1.49E-13
AC131097.4	PRDM1	-0.313437569	1.84E-11
AC131097.4	TRIM47	-0.467744292	3.01E-25
AC131097.4	CNFN	-0.293876341	3.41E-10
AC131097.4	ARMCX3	-0.392341601	1.32E-17
AC131097.4	RAMP1	-0.302459311	9.71E-11
AC131097.4	GABRD	0.002395856	0.960077997
AC131097.4	COL13A1	-0.21799211	4.03E-06
AC131097.4	S100A5	-0.294380717	3.17E-10
AC131097.4	MISP	-0.446530652	6.69E-23
AC131097.4	HES6	-0.15127905	0.001478222
AC131097.4	PSD3	-0.542719697	5.43E-35
AC131097.4	DOK7	-0.437437137	6.05E-22
AC131097.4	ZMAT3	-0.479165014	1.40E-26
AC131097.4	MFAP2	-0.370675143	9.57E-16
AC131097.4	TMEM79	-0.510060017	1.89E-30
AC131097.4	SLC1A5	-0.411228248	2.42E-19
AC131097.4	BBC3	-0.377102034	2.78E-16
AC131097.4	HLA-DQB2	-0.352475347	2.75E-14
AC131097.4	C1QL1	-0.344666671	1.09E-13
AC131097.4	TMEM215	-0.139421707	0.003420402
AC131097.4	PNP	-0.408336526	4.53E-19
AC131097.4	ARNTL	-0.492391262	3.45E-28
AC131097.4	CLDN2	-0.291329934	4.91E-10
AC131097.4	MVP	-0.50315804	1.50E-29
AC131097.4	LGALS1	-0.331341704	1.04E-12
AC131097.4	BIRC7	-0.410450841	2.86E-19
AC131097.4	COL8A1	-0.559633164	1.51E-37
AC131097.4	PERP	-0.594938619	2.23E-43
AC131097.4	GJA4	-0.138227476	0.003709401
AC131097.4	IGFL2	-0.421179233	2.64E-20

AC131097.4	DAPK2	-0.426445901	7.95E-21
AC131097.4	MAMLD1	-0.53154783	2.21E-33
AC131097.4	ETV5	-0.265576618	1.60E-08
AC131097.4	RUNX1	-0.629320424	8.53E-50
AC131097.4	LONRF2	-0.331990683	9.36E-13
AC131097.4	SPOCK1	-0.19854953	2.79E-05
AC131097.4	XKRX	-0.41347567	1.48E-19
AC131097.4	TGFB1	-0.24356826	2.38E-07
AC131097.4	ERP27	-0.247277961	1.54E-07
AC131097.4	TNFRSF10C	-0.34083194	2.11E-13
AC131097.4	PALM	-0.478966441	1.48E-26
AC131097.4	TSC22D1	-0.315914414	1.25E-11
AC131097.4	TGM2	-0.505174692	8.23E-30
AC131097.4	UBE2QL1	-0.24086958	3.26E-07
AC131097.4	ECE1	-0.503964247	1.18E-29
AC131097.4	COL8A2	-0.532053128	1.88E-33
AC131097.4	HIST3H2A	-0.356130653	1.42E-14
AC131097.4	TNFRSF21	-0.496627537	1.02E-28
AC131097.4	SOX4	-0.563382296	3.93E-38
AC131097.4	ELF3	-0.599143405	4.02E-44
AC131097.4	TPD52L1	-0.445203829	9.26E-23
AC131097.4	INHBB	-0.350992715	3.58E-14
AC131097.4	HPN	-0.347637609	6.47E-14
AC131097.4	MMP7	-0.455852439	6.52E-24
AC131097.4	RAB27A	-0.505404611	7.69E-30
AC131097.4	IGF2BP2	-0.533139748	1.32E-33
AC131097.4	ITGB4	-0.505326175	7.87E-30
AC131097.4	PPP1R1B	-0.482338709	5.83E-27
AC131097.4	NPDC1	-0.199971739	2.44E-05
AC131097.4	CCL13	-0.474808984	4.57E-26
AC131097.4	SPINT1	-0.550020877	4.47E-36
AC131097.4	HEY2	-0.314862828	1.47E-11
AC131097.4	CST2	-0.469406934	1.94E-25
AC131097.4	ADM	-0.24612106	1.76E-07
AC131097.4	VSTM2L	-0.34497141	1.03E-13
AC131097.4	FAM84A	-0.5104083	1.70E-30
AC131097.4	P4HA2	-0.398837993	3.43E-18
AC131097.4	LPL	-0.329695816	1.37E-12
AC131097.4	TMEM173	-0.392368976	1.31E-17
AC131097.4	DHRS3	-0.405327647	8.67E-19
AC131097.4	SCN1B	-0.389318751	2.45E-17
AC131097.4	GLT1D1	-0.230302156	1.08E-06
AC131097.4	PHYHIP	-0.414298259	1.23E-19
AC131097.4	BHLHE40	-0.566515568	1.25E-38
AC131097.4	BID	-0.483027262	4.82E-27
AC131097.4	POSTN	-0.37954576	1.72E-16
AC131097.4	ITGA3	-0.640240174	5.24E-52
AC131097.4	RSP04	-0.476373005	2.99E-26
AC131097.4	ADAMTS9	-0.208521944	1.06E-05
AC131097.4	ABTB2	-0.620421085	4.66E-48
AC131097.4	KCNQ3	-0.640660724	4.29E-52

AC131097.4	ANXA1	-0.454654989	8.83E-24
AC131097.4	S100A11	-0.476970994	2.54E-26
AC131097.4	CEACAM6	-0.500083064	3.71E-29
AC131097.4	IER5L	-0.406942968	6.12E-19
AC131097.4	KRT80	-0.512732102	8.40E-31
AC131097.4	CDH6	-0.456268183	5.87E-24
AC131097.4	UNC5B	-0.376146046	3.34E-16
AC131097.4	PLEKHN1	-0.529544369	4.24E-33
AC131097.4	SYTL1	-0.270536195	8.41E-09
AC131097.4	TMEM163	-0.425841884	9.14E-21
AC131097.4	C4orf48	-0.092284174	0.053337269
AC131097.4	B3GNT7	-0.340796126	2.12E-13
AC131097.4	BAIAP3	-0.458799281	3.08E-24
AC131097.4	PHLDA2	-0.347225782	6.96E-14
AC131097.4	GAP43	-0.473187131	7.07E-26
AC131097.4	S100A1	-0.318932939	7.76E-12
AC131097.4	PTPRE	-0.648835838	8.23E-54
AC131097.4	CCND1	-0.41584557	8.73E-20
AC131097.4	ST6GALNAC5	-0.568879985	5.25E-39
AC131097.4	KRT17	-0.282459945	1.70E-09
AC131097.4	HPCAL4	-0.377735837	2.45E-16
AC131097.4	GABBR2	-0.356316036	1.38E-14
AC131097.4	DIRAS3	-0.335367136	5.33E-13
AC131097.4	SERINC2	-0.352125929	2.92E-14
AC131097.4	PTCHD4	-0.310488474	2.89E-11
AC131097.4	EPS8	-0.457876625	3.89E-24
AC131097.4	LY6E	-0.421298601	2.57E-20
AC131097.4	UPP1	-0.496670655	1.01E-28
AC131097.4	AHNAK2	-0.598076004	6.23E-44
AC131097.4	PLXNC1	-0.443470498	1.41E-22
AC131097.4	TNC	-0.450210496	2.69E-23
AC131097.4	DUSP4	-0.411372071	2.34E-19
AC131097.4	NRCAM	-0.497661606	7.54E-29
AC131097.4	NRP2	-0.456921205	4.97E-24
AC131097.4	CTSC	-0.527218368	8.97E-33
AC131097.4	AMIGO2	-0.383343472	8.13E-17
AC131097.4	NAB2	-0.343430128	1.35E-13
AC131097.4	TBC1D2	-0.623868811	1.00E-48
AC131097.4	PHLDA3	-0.361531701	5.31E-15
AC131097.4	PTP4A3	-0.326061431	2.48E-12
AC131097.4	CRABP2	-0.291223688	4.98E-10
AC131097.4	GOS2	-0.2852755	1.15E-09
AC131097.4	S100A6	-0.484604287	3.11E-27
AC131097.4	FOXQ1	-0.542588	5.68E-35
AC131097.4	LRG1	-0.463687585	8.71E-25
AC131097.4	LAMP5	-0.350605214	3.83E-14
AC131097.4	ALDH3B1	-0.504430965	1.03E-29
AC131097.4	CDH2	-0.044115081	0.356462202
AC131097.4	SCG5	-0.180110169	0.000148216
AC131097.4	ZCCHC16	-0.300697487	1.26E-10
AC131097.4	GRB7	-0.579458636	9.83E-41

AC131097.4	TIAM1	-0.367039624	1.90E-15
AC131097.4	FXD5	-0.296887986	2.20E-10
AC131097.4	CLDN9	-0.311261349	2.57E-11
AC131097.4	FAM43A	-0.48727389	1.47E-27
AC131097.4	CHST2	-0.443477307	1.41E-22
AC131097.4	HMGA2	-0.426749008	7.42E-21
AC131097.4	GALNT7	-0.538252156	2.43E-34
AC131097.4	CBLN1	-0.416969565	6.80E-20
AC131097.4	STRA6	-0.503095277	1.53E-29
AC131097.4	MUC21	-0.530648951	2.96E-33
AC131097.4	PRR36	-0.495481486	1.42E-28
AC131097.4	NFE2L3	-0.489527979	7.79E-28
AC131097.4	NR1D1	-0.350542592	3.88E-14
AC131097.4	MUC1	-0.546266922	1.63E-35
AC131097.4	NAT8L	-0.177182846	0.00019044
AC131097.4	APOC1	-0.186542875	8.43E-05
AC131097.4	EVA1A	-0.558697814	2.12E-37
AC131097.4	ENTPD1	-0.29539805	2.74E-10
AC131097.4	COL1A1	-0.436050671	8.42E-22
AC131097.4	FNDC4	-0.33953235	2.63E-13
AC131097.4	FRMD3	-0.175639649	0.000217
AC131097.4	SHROOM4	-0.554251619	1.02E-36
AC131097.4	NELL2	-0.299197534	1.57E-10
AC131097.4	EPHB3	-0.591524792	8.78E-43
AC131097.4	TMC6	-0.508129319	3.40E-30
AC131097.4	NOD1	-0.533682988	1.10E-33
AC131097.4	GGCT	-0.516241812	2.85E-31
AC131097.4	ICAM1	-0.56607814	1.47E-38
AC131097.4	PRSS23	-0.424076143	1.37E-20
AC131097.4	CFI	-0.49246367	3.38E-28
AC131097.4	CD55	-0.589101419	2.30E-42
AC131097.4	RASD2	-0.466012947	4.74E-25
AC131097.4	KLK11	-0.420929675	2.80E-20
AC131097.4	ICAM5	-0.457522243	4.26E-24
AC131097.4	ADORA1	-0.379293643	1.81E-16
AC131097.4	ITGA2	-0.587572761	4.21E-42
AC131097.4	ABCC3	-0.441697524	2.17E-22
AC131097.4	MFGE8	-0.449749098	3.02E-23
AC131097.4	STK32A	-0.316483255	1.14E-11
AC131097.4	CYSLTR2	-0.380984494	1.30E-16
AC131097.4	LAD1	-0.56301444	4.49E-38
AC131097.4	MGAT3	-0.539317713	1.70E-34
AC131097.4	IGFBP6	-0.358582961	9.12E-15
AC131097.4	CYP2S1	-0.561137923	8.83E-38
AC131097.4	KCNJ2	-0.412391744	1.87E-19
AC131097.4	FAM20A	-0.477885139	1.98E-26
AC131097.4	TGFA	-0.428310006	5.17E-21
AC131097.4	MXRA8	-0.489214659	8.51E-28
AC131097.4	C8orf4	-0.372265572	7.06E-16
AC131097.4	CLDN10	-0.493201731	2.73E-28
AC131097.4	PDE5A	-0.562955222	4.58E-38

AC131097.4	APOE	-0.161076649	0.000705447
AC131097.4	SPOCK2	-0.509519756	2.23E-30
AC131097.4	TENM1	-0.259878633	3.30E-08
AC131097.4	SLIT1	-0.162448648	0.000633864
AC131097.4	CXCL14	-0.308940384	3.66E-11
AC131097.4	ECM1	-0.159646568	0.000787973
AC131097.4	DUSP5	-0.537970536	2.67E-34
AC131097.4	SEZ6L2	-0.412621593	1.78E-19
AC131097.4	THRSP	-0.134341896	0.004809228
AC131097.4	C19orf33	-0.452771877	1.42E-23
AC131097.4	MPZL2	-0.541570738	8.01E-35
AC131097.4	CTSH	-0.493988854	2.18E-28
AC131097.4	CYP1B1	-0.546703712	1.40E-35
AC131097.4	ALOX5	-0.531045582	2.60E-33
AC131097.4	SYTL5	-0.502898494	1.62E-29
AC131097.4	TNFRSF12A	-0.358015042	1.01E-14
AC131097.4	DUSP6	-0.413182775	1.57E-19
AC131097.4	ALOX15B	-0.504239058	1.09E-29
AC131097.4	SDC4	-0.51509803	4.06E-31
AC131097.4	MDK	-0.419091886	4.23E-20
AC131097.4	KRT19	-0.530930409	2.70E-33
AC131097.4	MET	-0.637704395	1.74E-51
AC131097.4	TESC	-0.207718999	1.15E-05
AC131097.4	CXCL17	-0.582089893	3.57E-41
AC131097.4	NPC2	-0.347704273	6.40E-14
AC131097.4	COMP	-0.418841471	4.48E-20
AC131097.4	TUSC3	-0.415340839	9.77E-20
AC131097.4	TMPRSS4	-0.631234811	3.54E-50
AC131097.4	LGALS3	-0.508987438	2.62E-30
AC131097.4	CRLF1	-0.286127379	1.02E-09
AC131097.4	CTXN1	-0.418843315	4.47E-20
AC131097.4	PCSK1N	-0.181214023	0.000134711
AC131097.4	NMU	-0.458227598	3.56E-24
AC131097.4	GALE	-0.438662191	4.52E-22
AC131097.4	PCSK2	-0.182499359	0.000120442
AC131097.4	GJB3	-0.470123979	1.60E-25
AC131097.4	SLPI	-0.450741041	2.36E-23
AC131097.4	AGR2	-0.224591688	2.00E-06
AC131097.4	MRC2	-0.389038833	2.59E-17
AC131097.4	GOLT1A	-0.397877182	4.20E-18
AC131097.4	SLC27A6	-0.537616102	3.01E-34
AC131097.4	KCNN4	-0.522118088	4.55E-32
AC131097.4	ETV4	-0.383042151	8.63E-17
AC131097.4	SYT12	-0.573801571	8.40E-40
AC131097.4	PVRL4	-0.62710839	2.33E-49
AC131097.4	PLCD3	-0.502873017	1.63E-29
AC131097.4	PLAU	-0.44639314	6.92E-23
AC131097.4	LRRK2	-0.266497501	1.42E-08
AC131097.4	SFN	-0.508873684	2.71E-30
AC131097.4	LPAR5	-0.541009273	9.67E-35
AC131097.4	NGEF	-0.554762874	8.53E-37

AC131097.4	DTX4	-0.570152151	3.28E-39
AC131097.4	CST6	-0.425019223	1.10E-20
AC131097.4	QPCT	-0.456395553	5.68E-24
AC131097.4	TIMP1	-0.432525217	1.94E-21
AC131097.4	CAMK2N1	-0.532134897	1.83E-33
AC131097.4	KLHDC8A	-0.217703895	4.15E-06
AC131097.4	PDLIM4	-0.541264085	8.88E-35
AC131097.4	SCEL	-0.520824242	6.83E-32
AC131097.4	LCN2	-0.542876073	5.15E-35
AC131097.4	PROS1	-0.617305401	1.84E-47
AC131097.4	GABRB2	-0.579648699	9.14E-41
AC131097.4	TMPRSS6	-0.606289343	2.07E-45
AC131097.4	KLK7	-0.456936509	4.95E-24
AC131097.4	PDZK1IP1	-0.466551719	4.12E-25
AC131097.4	CDH3	-0.47155945	1.09E-25
AC131097.4	LRP4	-0.304000877	7.72E-11
AC131097.4	IGSF1	-0.295214228	2.81E-10
AC131097.4	B3GNT3	-0.545352351	2.22E-35
AC131097.4	CLDN1	-0.515518651	3.57E-31
AC131097.4	GDF15	-0.47436699	5.15E-26
AC131097.4	ARHGAP36	-0.246314511	1.72E-07
AC131097.4	LAMB3	-0.5158736	3.20E-31
AC131097.4	KLK10	-0.509120199	2.52E-30
AC131097.4	DPP4	-0.522805222	3.66E-32
AC131097.4	METTL7B	-0.359473065	7.75E-15
AC131097.4	LIPH	-0.556750521	4.23E-37
AC131097.4	CLDN16	-0.478603123	1.63E-26
AC131097.4	CHI3L1	-0.503914178	1.20E-29
AC131097.4	SLC22A31	-0.441077139	2.53E-22
AC131097.4	TACSTD2	-0.56975614	3.80E-39
AC131097.4	SFTPB	-0.533757452	1.07E-33
AC131097.4	RXRG	-0.317794122	9.29E-12
AC131097.4	DCSTAMP	-0.588018862	3.53E-42
AC131097.4	CITED1	-0.363252125	3.86E-15
AC131097.4	SERPINA1	-0.56492372	2.24E-38
AC131097.4	PRR15	-0.320400394	6.15E-12
AC131097.4	SLC34A2	-0.627612837	1.86E-49
AC131097.4	FN1	-0.648635492	9.08E-54
AC131097.4	ZCCHC12	-0.265498182	1.62E-08
RP11-65I12.1	TFF3	0.454048599	0
RP11-65I12.1	CCL21	0.241397805	3.07E-07
RP11-65I12.1	TPO	0.498984304	0
RP11-65I12.1	MT1G	0.407492263	0
RP11-65I12.1	DI01	0.528067441	0
RP11-65I12.1	DPT	0.2123526	7.19E-06
RP11-65I12.1	CDH16	0.479084413	0
RP11-65I12.1	CRABP1	0.355918265	1.48E-14
RP11-65I12.1	SLC26A7	0.572418351	0
RP11-65I12.1	MT1H	0.372560241	6.67E-16
RP11-65I12.1	SLC26A4	0.508350236	0
RP11-65I12.1	SLC5A8	0.513364218	6.92E-31

RP11-65I12.1	PKHD1L1	0.580491005	6.62E-41
RP11-65I12.1	TFCP2L1	0.553971014	0
RP11-65I12.1	WSCD2	0.528864017	5.28E-33
RP11-65I12.1	IPCEF1	0.531575782	0
RP11-65I12.1	SLC5A5	0.387392469	3.61E-17
RP11-65I12.1	MT1F	0.404076825	0
RP11-65I12.1	FOSB	0.358962121	1.08E-14
RP11-65I12.1	SEMA3D	0.564103808	3.02E-38
RP11-65I12.1	BMP8A	0.569947265	0
RP11-65I12.1	MATN2	0.548963029	0
RP11-65I12.1	PLA2R1	0.606820097	0
RP11-65I12.1	COL23A1	0.422927405	0
RP11-65I12.1	HGD	0.485573036	0
RP11-65I12.1	TCEAL2	0.331851514	1.29E-12
RP11-65I12.1	CHRD1	0.336527257	4.38E-13
RP11-65I12.1	TNFRSF11B	0.521344361	0
RP11-65I12.1	FAM167A	0.496850507	0
RP11-65I12.1	KIT	0.554770976	0
RP11-65I12.1	SLC4A4	0.588454316	0
RP11-65I12.1	SMOC2	0.351736938	4.20E-14
RP11-65I12.1	FHL1	0.556096727	0
RP11-65I12.1	OTOS	0.336271017	6.20E-13
RP11-65I12.1	IGFBPL1	0.542391791	6.07E-35
RP11-65I12.1	HBB	0.193976461	4.43E-05
RP11-65I12.1	BEX1	0.3093743	4.35E-11
RP11-65I12.1	FABP4	0.345553739	9.32E-14
RP11-65I12.1	LMOD1	0.474676824	0
RP11-65I12.1	SOD3	0.362237282	5.68E-15
RP11-65I12.1	TMEM171	0.463355952	0
RP11-65I12.1	PI16	0.250361401	1.17E-07
RP11-65I12.1	ZMAT4	0.464366664	7.30E-25
RP11-65I12.1	MFAP4	0.167157754	0.000443716
RP11-65I12.1	CWH43	0.470508957	1.45E-25
RP11-65I12.1	SPX	0.514864106	0
RP11-65I12.1	APOD	0.130836527	0.006076846
RP11-65I12.1	DPP6	0.494991305	0
RP11-65I12.1	MMRN1	0.404607721	0
RP11-65I12.1	WDR72	0.530972123	0
RP11-65I12.1	MPPED2	0.542405189	0
RP11-65I12.1	PAPSS2	0.454083207	0
RP11-65I12.1	DCN	0.134513796	0.004783716
RP11-65I12.1	SORBS2	0.592514829	0
RP11-65I12.1	EGR2	0.402453499	0
RP11-65I12.1	EDN3	0.326738947	2.22E-12
RP11-65I12.1	DIO2	0.445561065	0
RP11-65I12.1	ITPR1	0.63520426	0
RP11-65I12.1	CFD	0.107592683	0.024209695
RP11-65I12.1	CPXM1	0.314443133	2.02E-11
RP11-65I12.1	ELMO1	0.505797309	0
RP11-65I12.1	GPC3	0.383600946	7.72E-17
RP11-65I12.1	MYOC	0.224779975	1.96E-06

RP11-65I12.1	DEPTOR	0.503268069	0
RP11-65I12.1	DGKI	0.614002871	0
RP11-65I12.1	CARTPT	0.376596961	3.06E-16
RP11-65I12.1	IYD	0.504004204	0
RP11-65I12.1	LYVE1	0.360650408	7.79E-15
RP11-65I12.1	CLCNKB	0.457036682	0
RP11-65I12.1	NCAM1	0.384687831	0
RP11-65I12.1	HBA2	0.132514177	0.005452275
RP11-65I12.1	GLT8D2	0.384367137	0
RP11-65I12.1	OGDHL	0.402379318	0
RP11-65I12.1	LIFR	0.55659415	0
RP11-65I12.1	CSGALNACT1	0.565200118	0
RP11-65I12.1	RAP1GAP	0.445259094	0
RP11-65I12.1	COL9A3	0.393054803	0
RP11-65I12.1	FBLN1	0.124457686	0.009080079
RP11-65I12.1	EFEMP1	0.414488663	0
RP11-65I12.1	AOX1	0.418625712	4.70E-20
RP11-65I12.1	GRIN2C	0.49483883	0
RP11-65I12.1	C11orf74	0.309798818	4.08E-11
RP11-65I12.1	PPARGC1A	0.487225722	0
RP11-65I12.1	ANGPTL1	0.543190257	0
RP11-65I12.1	SCARA5	0.234474283	6.76E-07
RP11-65I12.1	LTF	0.365058281	3.19E-15
RP11-65I12.1	CA4	0.406041555	7.44E-19
RP11-65I12.1	TG	0.501147179	0
RP11-65I12.1	FCGBP	0.413147309	0
RP11-65I12.1	PBX4	0.496899298	0
RP11-65I12.1	CYR61	0.330242797	1.68E-12
RP11-65I12.1	FOS	0.398061654	0
RP11-65I12.1	KHDRBS2	0.4858343	0
RP11-65I12.1	MUM1L1	0.453049356	0
RP11-65I12.1	RGS16	0.457960467	0
RP11-65I12.1	MT1M	0.320667939	7.72E-12
RP11-65I12.1	LRP2	0.593559601	0
RP11-65I12.1	MAFB	0.434672512	0
RP11-65I12.1	KCNK2	0.497531183	0
RP11-65I12.1	TBC1D4	0.583573842	0
RP11-65I12.1	MIOX	0.428836639	4.58E-21
RP11-65I12.1	TPPP	0.496804409	0
RP11-65I12.1	FMOD	0.477683913	0
RP11-65I12.1	CITED2	0.470870767	0
RP11-65I12.1	RGS8	0.490362351	6.15E-28
RP11-65I12.1	ABI3BP	0.367725528	1.81E-15
RP11-65I12.1	ADH1B	0.293852086	3.42E-10
RP11-65I12.1	OGN	0.203712616	1.70E-05
RP11-65I12.1	NR4A1	0.355373216	2.15E-14
RP11-65I12.1	FOXJ1	0.426343301	8.14E-21
RP11-65I12.1	ALDH1A1	0.440379471	0
RP11-65I12.1	OCA2	0.463127271	1.01E-24
RP11-65I12.1	TMEM139	0.349597183	6.19E-14
RP11-65I12.1	ARHGAP24	0.469683164	0

RP11-65I12.1	SLC25A15	0.654528718	0
RP11-65I12.1	DES	0.181321687	0.000133457
RP11-65I12.1	GDF10	0.382029635	1.05E-16
RP11-65I12.1	KIAA1324	0.416963863	0
RP11-65I12.1	JUN	0.392512276	0
RP11-65I12.1	C7	0.125471679	0.008528215
RP11-65I12.1	LGI3	0.388350633	0
RP11-65I12.1	CDON	0.572673942	0
RP11-65I12.1	BCL2	0.589901622	0
RP11-65I12.1	HLF	0.458297898	0
RP11-65I12.1	EGR1	0.434175089	0
RP11-65I12.1	IP6K3	0.445038963	0
RP11-65I12.1	SCUBE3	0.536196978	0
RP11-65I12.1	PKNOX2	0.471743065	0
RP11-65I12.1	SMAD9	0.634387278	0
RP11-65I12.1	IQGAP2	0.569735644	0
RP11-65I12.1	GNA14	0.537618753	0
RP11-65I12.1	LAYN	0.429847355	0
RP11-65I12.1	AVPR1A	0.494220704	0
RP11-65I12.1	PDLIM3	0.369859184	1.12E-15
RP11-65I12.1	GPM6A	0.452311094	0
RP11-65I12.1	SDPR	0.395116831	0
RP11-65I12.1	CRYAB	0.166902873	0.000452843
RP11-65I12.1	FOXA2	0.379131972	1.87E-16
RP11-65I12.1	C8orf88	0.480673414	0
RP11-65I12.1	ISM1	0.450377145	0
RP11-65I12.1	BMP2	0.363204753	4.67E-15
RP11-65I12.1	ID4	0.565375854	0
RP11-65I12.1	NUPR1	0.123314762	0.009740044
RP11-65I12.1	SERTM1	0.393322403	1.08E-17
RP11-65I12.1	IRS1	0.539914103	0
RP11-65I12.1	FIBIN	0.214955307	5.81E-06
RP11-65I12.1	PODN	0.189382356	6.72E-05
RP11-65I12.1	TDRD9	0.401389862	0
RP11-65I12.1	EPHA3	0.380234287	5.24E-17
RP11-65I12.1	AIF1L	0.431099209	0
RP11-65I12.1	EBF4	0.446186283	0
RP11-65I12.1	ADM2	0.41366232	0
RP11-65I12.1	GSTM3	0.370671485	9.29E-16
RP11-65I12.1	HSD17B6	0.418738671	0
RP11-65I12.1	AGR3	0.374217707	4.85E-16
RP11-65I12.1	EPHB1	0.390035942	0
RP11-65I12.1	TMOD1	0.313672532	2.27E-11
RP11-65I12.1	WASF3	0.637810375	0
RP11-65I12.1	SELV	0.44924633	3.42E-23
RP11-65I12.1	ENPP1	0.297061986	2.63E-10
RP11-65I12.1	SYNE1	0.645556975	4.08E-53
RP11-65I12.1	PLCH1	0.506433023	0
RP11-65I12.1	CCDC146	0.638127665	0
RP11-65I12.1	SLC16A2	0.53613542	0
RP11-65I12.1	IER2	0.315719951	1.66E-11

RP11-65I12.1	KCNAB1	0.438217164	0
RP11-65I12.1	SYNDIG1	0.353411892	3.09E-14
RP11-65I12.1	C16orf89	0.313019798	2.51E-11
RP11-65I12.1	CTGF	0.301234409	1.44E-10
RP11-65I12.1	NR4A3	0.187095658	8.25E-05
RP11-65I12.1	KIAA1456	0.61349013	0
RP11-65I12.1	AQP4	0.390277916	0
RP11-65I12.1	RNF150	0.550079003	0
RP11-65I12.1	C1S	0.080450163	0.092263784
RP11-65I12.1	PFKFB2	0.510170715	0
RP11-65I12.1	PROX1	0.586123648	0
RP11-65I12.1	TCF7L1	0.548994942	0
RP11-65I12.1	HSPB6	0.219534661	3.63E-06
RP11-65I12.1	FHDC1	0.43518497	0
RP11-65I12.1	PRR15L	0.266069012	1.71E-08
RP11-65I12.1	SLC1A1	0.420882965	0
RP11-65I12.1	BTBD11	0.461000746	0
RP11-65I12.1	TRIM58	0.609081548	0
RP11-65I12.1	LRIG1	0.503382957	0
RP11-65I12.1	ROR2	0.432632469	0
RP11-65I12.1	GPR125	0.615577547	0
RP11-65I12.1	FLRT1	0.564511782	0
RP11-65I12.1	PGF	0.38939271	0
RP11-65I12.1	DUSP1	0.352259324	3.82E-14
RP11-65I12.1	PLA2G7	0.450027091	0
RP11-65I12.1	PLSCR4	0.522088155	0
RP11-65I12.1	FAM46B	0.226688642	1.70E-06
RP11-65I12.1	GLDC	0.474507329	0
RP11-65I12.1	ZBTB16	0.480335275	0
RP11-65I12.1	OMD	0.152369713	0.001364228
RP11-65I12.1	HSD11B2	0.385397158	0
RP11-65I12.1	FGL2	0.195828854	3.73E-05
RP11-65I12.1	CLCNKA	0.486784272	1.69E-27
RP11-65I12.1	GATM	0.372368567	6.18E-16
RP11-65I12.1	TNS3	0.575079642	0
RP11-65I12.1	TOB1	0.470793182	0
RP11-65I12.1	MARC2	0.512817112	0
RP11-65I12.1	LRRC2	0.56668033	0
RP11-65I12.1	SORD	0.439830561	0
RP11-65I12.1	RIMS4	0.436642914	0
RP11-65I12.1	SLC29A4	0.467561706	0
RP11-65I12.1	SLC39A14	0.523238879	0
RP11-65I12.1	FAXDC2	0.510663174	0
RP11-65I12.1	HSPB8	0.287248842	1.04E-09
RP11-65I12.1	CCL19	-0.037323535	0.435357254
RP11-65I12.1	KCNIP3	0.43162656	0
RP11-65I12.1	CGNL1	0.519794506	0
RP11-65I12.1	ATF3	0.190715058	5.96E-05
RP11-65I12.1	SGCD	0.410721611	0
RP11-65I12.1	STARD13	0.651787432	0
RP11-65I12.1	LDHD	0.349698454	6.08E-14

RP11-65I12.1	RCAN1	0.408097482	0
RP11-65I12.1	ID3	0.403184527	0
RP11-65I12.1	SYTL3	0.412422947	0
RP11-65I12.1	MT1E	0.195095556	3.99E-05
RP11-65I12.1	CAMK1D	0.420327672	0
RP11-65I12.1	PRKCQ	0.461746809	0
RP11-65I12.1	NUAK2	0.44034231	0
RP11-65I12.1	LIPG	0.548359795	0
RP11-65I12.1	SLC25A25	0.425532386	0
RP11-65I12.1	PRKX	0.413606862	0
RP11-65I12.1	SRPX	0.202884542	1.92E-05
RP11-65I12.1	FAM189A1	0.40972024	0
RP11-65I12.1	PLEKHH1	0.784429403	0
RP11-65I12.1	WNT11	0.355715753	2.01E-14
RP11-65I12.1	SNAI1	0.41074629	0
RP11-65I12.1	FDCSP	0.011375362	0.812138253
RP11-65I12.1	MT1X	0.122223609	0.010409553
RP11-65I12.1	ACACB	0.652650085	0
RP11-65I12.1	ARC	0.210136107	9.43E-06
RP11-65I12.1	KLK4	0.221384951	2.82E-06
RP11-65I12.1	ZFPM2	0.448291714	0
RP11-65I12.1	AKAP12	0.492708153	0
RP11-65I12.1	GJB6	0.415133372	1.02E-19
RP11-65I12.1	ERO1LB	0.615824911	0
RP11-65I12.1	DNALI1	0.450680818	0
RP11-65I12.1	HKDC1	0.374410879	3.67E-16
RP11-65I12.1	ZFP36L2	0.529335465	0
RP11-65I12.1	CAPSL	0.352684067	2.65E-14
RP11-65I12.1	CYP7B1	0.625766701	0
RP11-65I12.1	CPQ	0.523556169	0
RP11-65I12.1	RPS6KA6	0.588328953	3.12E-42
RP11-65I12.1	TLE1	0.421303653	0
RP11-65I12.1	TP53INP2	0.539432283	0
RP11-65I12.1	KATNAL2	0.559358272	0
RP11-65I12.1	SGPP2	0.432290925	0
RP11-65I12.1	CTH	0.540876043	0
RP11-65I12.1	KIF12	0.40146149	0
RP11-65I12.1	TMEM220	0.502670935	0
RP11-65I12.1	CENPJ	0.656643084	0
RP11-65I12.1	FAM155B	0.264783542	2.01E-08
RP11-65I12.1	WFS1	0.456617411	0
RP11-65I12.1	SELENBP1	0.323053356	5.31E-12
RP11-65I12.1	SNTA1	0.207279365	1.25E-05
RP11-65I12.1	FRAS1	0.515479537	0
RP11-65I12.1	FBLN7	0.428213533	0
RP11-65I12.1	AGPAT9	0.490710519	0
RP11-65I12.1	GPR83	0.417141726	0
RP11-65I12.1	PRTG	0.680767594	0
RP11-65I12.1	EGR3	0.225134674	2.01E-06
RP11-65I12.1	GRAMD2	0.525931232	0
RP11-65I12.1	HYOU1	0.552908938	0

RP11-65I12.1	FBLN5	0.314159459	2.11E-11
RP11-65I12.1	ITM2A	0.47725287	0
RP11-65I12.1	SRF	0.359138566	1.05E-14
RP11-65I12.1	FGFR2	0.505941841	0
RP11-65I12.1	MT1A	0.06159384	0.197718788
RP11-65I12.1	MAMDC2	0.416515232	0
RP11-65I12.1	FHL2	0.24743133	1.66E-07
RP11-65I12.1	FTCDNL1	0.3427473	2.07E-13
RP11-65I12.1	PKIA	0.394809754	0
RP11-65I12.1	DNAJB4	0.552538459	0
RP11-65I12.1	SLC25A33	0.318734416	1.04E-11
RP11-65I12.1	EYA2	0.278970801	3.20E-09
RP11-65I12.1	LPAR1	0.26554308	1.83E-08
RP11-65I12.1	STX11	0.292212149	5.23E-10
RP11-65I12.1	ARHGEF28	0.461546252	0
RP11-65I12.1	OR2W3	0.462267635	0
RP11-65I12.1	ALDH1B1	0.311785967	2.37E-11
RP11-65I12.1	CXCL12	0.211653339	8.10E-06
RP11-65I12.1	OLFM2	0.351841897	4.12E-14
RP11-65I12.1	TUB	0.596124584	0
RP11-65I12.1	HTRA3	0.226549925	1.73E-06
RP11-65I12.1	CKB	0.165229195	0.000517256
RP11-65I12.1	RGS2	0.064223711	0.179141235
RP11-65I12.1	SHANK2	0.652166846	0
RP11-65I12.1	CNTFR	0.358254797	9.68E-15
RP11-65I12.1	CYTH3	0.585707923	0
RP11-65I12.1	PLAC9	0.131674359	0.005757317
RP11-65I12.1	WVOX	0.450062834	0
RP11-65I12.1	NPR3	0.524499244	0
RP11-65I12.1	SDC2	0.517573053	0
RP11-65I12.1	KLF15	0.390191111	0
RP11-65I12.1	TMEM164	0.604822888	0
RP11-65I12.1	LONRF3	0.523931754	0
RP11-65I12.1	GBP1	0.207612541	1.21E-05
RP11-65I12.1	ARHGAP6	0.535494458	0
RP11-65I12.1	TMEM119	0.096106571	0.044190561
RP11-65I12.1	SH3RF1	0.587743995	0
RP11-65I12.1	CRELD2	0.313224894	2.43E-11
RP11-65I12.1	PCP4	0.07723046	0.106085629
RP11-65I12.1	GCSH	0.428123183	0
RP11-65I12.1	IMPA2	0.434315792	0
RP11-65I12.1	C1R	0.008763407	0.854667012
RP11-65I12.1	SUCNR1	0.393560027	0
RP11-65I12.1	SFRP1	0.361196623	7.00E-15
RP11-65I12.1	UGT8	0.463613102	0
RP11-65I12.1	TLE4	0.322997614	5.36E-12
RP11-65I12.1	ANTXR1	0.495490288	0
RP11-65I12.1	GPX3	0.383435692	3.67E-19
RP11-65I12.1	DPY19L2	0.622913363	0
RP11-65I12.1	FAM46C	0.343156926	1.92E-13
RP11-65I12.1	IL33	0.316319508	1.17E-11

RP11-65I12.1	PEG3	0.630992832	0
RP11-65I12.1	FAHD2A	0.450765637	0
RP11-65I12.1	PTGDS	-0.03845233	0.421440807
RP11-65I12.1	CHCHD10	0.062243381	0.192944395
RP11-65I12.1	CD36	0.421381948	0
RP11-65I12.1	ANKRD37	0.361138895	7.08E-15
RP11-65I12.1	TSPAN33	0.242644468	2.89E-07
RP11-65I12.1	PRDM16	0.640837038	0
RP11-65I12.1	UST	0.408538595	0
RP11-65I12.1	NEXN	0.486679649	0
RP11-65I12.1	NUPR1L	0.124575526	0.008977995
RP11-65I12.1	SLC24A3	0.392594542	0
RP11-65I12.1	MARC1	0.499615621	0
RP11-65I12.1	MYH11	0.351594959	4.31E-14
RP11-65I12.1	APOA1	0.344248587	1.17E-13
RP11-65I12.1	TMEM178B	0.52616427	0
RP11-65I12.1	CAPN6	0.295154627	2.83E-10
RP11-65I12.1	PPM1L	0.575341047	0
RP11-65I12.1	FZD8	0.493068845	0
RP11-65I12.1	RCAN2	0.467645674	0
RP11-65I12.1	COPZ2	0.281902291	2.16E-09
RP11-65I12.1	GAS1	0.252699302	8.88E-08
RP11-65I12.1	DACT1	0.501586165	0
RP11-65I12.1	WBSCR17	0.453102545	0
RP11-65I12.1	NCS1	0.387453797	0
RP11-65I12.1	SPIRE2	0.398852538	0
RP11-65I12.1	C15orf52	0.511137193	0
RP11-65I12.1	SPAG5	0.445826442	0
RP11-65I12.1	ARL4D	0.227696253	1.53E-06
RP11-65I12.1	FAM189A2	0.490648962	0
RP11-65I12.1	MAP1LC3A	0.249451799	1.31E-07
RP11-65I12.1	KLF6	0.239693263	4.05E-07
RP11-65I12.1	ADD3	0.532930894	0
RP11-65I12.1	TSPAN7	0.326173064	3.23E-12
RP11-65I12.1	KLF9	0.367783965	1.78E-15
RP11-65I12.1	KCNQ1	0.324054159	4.53E-12
RP11-65I12.1	MAN1A1	0.319607565	9.11E-12
RP11-65I12.1	MLF1	0.27403728	6.13E-09
RP11-65I12.1	RARB	0.556585498	0
RP11-65I12.1	CDC42EP2	0.212913136	7.14E-06
RP11-65I12.1	FAM3B	0.220035488	3.44E-06
RP11-65I12.1	GADD45B	0.117400863	0.013882747
RP11-65I12.1	TMEM47	0.477177129	0
RP11-65I12.1	SDF2L1	0.189301225	6.77E-05
RP11-65I12.1	CCDC85A	0.61897412	0
RP11-65I12.1	CRYBG3	0.586922191	0
RP11-65I12.1	FBLN2	0.122376368	0.01031343
RP11-65I12.1	PEBP4	0.010066039	0.833359451
RP11-65I12.1	CDADC1	0.499630656	0
RP11-65I12.1	FAM63A	0.548102645	0
RP11-65I12.1	GLUL	0.476015057	0

RP11-65I12.1	FREM2	0.538816568	0
RP11-65I12.1	ACKR3	0.494032628	0
RP11-65I12.1	DENND6A	0.593481733	0
RP11-65I12.1	CLDN8	0.301949693	1.30E-10
RP11-65I12.1	UTS2R	0.435030572	1.07E-21
RP11-65I12.1	SCNN1B	0.285165964	1.39E-09
RP11-65I12.1	TTC30A	0.590405711	0
RP11-65I12.1	CORO2B	0.476003569	0
RP11-65I12.1	TC2N	0.438475166	0
RP11-65I12.1	ALDH2	0.2468315	1.78E-07
RP11-65I12.1	GPR183	0.001183347	0.980268804
RP11-65I12.1	C4orf47	0.428154103	0
RP11-65I12.1	SLC25A42	0.410488856	0
RP11-65I12.1	LGMN	0.381136087	3.28E-17
RP11-65I12.1	ACSF2	0.345418661	1.30E-13
RP11-65I12.1	KIAA1467	0.498291714	0
RP11-65I12.1	PRKG1	0.483708729	0
RP11-65I12.1	GNAI1	0.500017446	0
RP11-65I12.1	ABCC4	0.392464335	0
RP11-65I12.1	PRPS1	0.442295549	0
RP11-65I12.1	TSPAN5	0.39802818	0
RP11-65I12.1	CR2	0.14996825	0.001626772
RP11-65I12.1	CCDC170	0.558718303	0
RP11-65I12.1	RRAD	-0.03292905	0.491202825
RP11-65I12.1	SCGB2A1	0.21888604	3.88E-06
RP11-65I12.1	SESN3	0.392657943	0
RP11-65I12.1	SGK223	0.405606396	0
RP11-65I12.1	NDRG2	0.401958487	0
RP11-65I12.1	C3orf52	0.39309012	0
RP11-65I12.1	FLRT3	-0.061706669	0.196816208
RP11-65I12.1	MST1R	-0.229947634	1.20E-06
RP11-65I12.1	SDC1	-0.365866611	2.69E-15
RP11-65I12.1	ST8SIA4	-0.232879407	8.69E-07
RP11-65I12.1	UBTD1	-0.557340497	0
RP11-65I12.1	EPHA2	-0.117244417	0.014010768
RP11-65I12.1	TMEM130	-0.201493829	2.19E-05
RP11-65I12.1	SPINK2	-0.517637447	0
RP11-65I12.1	MMP16	-0.147432606	0.00197223
RP11-65I12.1	SIGLEC15	-0.315964478	1.60E-11
RP11-65I12.1	RIN1	-0.519874077	0
RP11-65I12.1	IL1RN	-0.37050582	9.66E-16
RP11-65I12.1	FCER1G	-0.331634503	1.34E-12
RP11-65I12.1	CD276	-0.418044094	0
RP11-65I12.1	CTSB	-0.420120448	0
RP11-65I12.1	FAM171A2	-0.132928767	0.005307118
RP11-65I12.1	ASPHD1	-0.47803652	0
RP11-65I12.1	C15orf48	-0.387602726	0
RP11-65I12.1	DYSF	-0.072167158	0.131075785
RP11-65I12.1	PDZRN4	-0.128324308	0.007132633
RP11-65I12.1	EFHD2	-0.268543645	1.25E-08
RP11-65I12.1	ASF1B	-0.360912098	7.40E-15

RP11-65I12.1	AQP1	-0.205768516	1.45E-05
RP11-65I12.1	ARRDC2	-0.357840331	1.34E-14
RP11-65I12.1	PRSS1	-0.352488586	2.74E-14
RP11-65I12.1	MAPK13	-0.289485613	7.65E-10
RP11-65I12.1	CST5	-0.375676181	3.66E-16
RP11-65I12.1	AHR	-0.190186289	6.25E-05
RP11-65I12.1	BAX	-0.488914152	0
RP11-65I12.1	C1orf115	-0.197540119	3.18E-05
RP11-65I12.1	PLK3	-0.319562461	9.18E-12
RP11-65I12.1	JAG2	-0.163667851	0.00058493
RP11-65I12.1	RAD23B	-0.298056831	2.28E-10
RP11-65I12.1	CA12	0.082276458	0.085089139
RP11-65I12.1	ADTRP	-0.254104057	7.50E-08
RP11-65I12.1	UCP2	-0.343131537	1.93E-13
RP11-65I12.1	IGFBP2	-0.302085573	1.28E-10
RP11-65I12.1	LOXL2	-0.164385406	0.000552868
RP11-65I12.1	GPX1	-0.600520259	0
RP11-65I12.1	P3H3	-0.529993022	0
RP11-65I12.1	C2orf81	-0.395844172	0
RP11-65I12.1	CDT1	-0.468135863	0
RP11-65I12.1	SNX25	-0.057981459	0.225261775
RP11-65I12.1	MTHFD1L	-0.285943515	1.25E-09
RP11-65I12.1	CDC42BPG	-0.199055159	2.66E-05
RP11-65I12.1	MSN	-0.253725494	7.85E-08
RP11-65I12.1	SIGLEC6	-0.255688367	5.56E-08
RP11-65I12.1	F2R	0.103303529	0.030497889
RP11-65I12.1	TMEM184A	-0.277653844	3.81E-09
RP11-65I12.1	CKS2	-0.314774465	1.92E-11
RP11-65I12.1	TAX1BP3	-0.604837214	0
RP11-65I12.1	PMEPA1	-0.399746253	0
RP11-65I12.1	CXCL16	-0.40648607	0
RP11-65I12.1	FAXC	-0.306034177	7.15E-11
RP11-65I12.1	VTCN1	-0.31617964	1.20E-11
RP11-65I12.1	SH2D4A	-0.254752962	6.94E-08
RP11-65I12.1	RNF24	-0.154347166	0.001191864
RP11-65I12.1	LY6G6C	-0.342387439	1.61E-13
RP11-65I12.1	NID1	-0.006832436	0.88644344
RP11-65I12.1	STAC	-0.349104582	6.76E-14
RP11-65I12.1	RAB34	-0.576070374	0
RP11-65I12.1	HES4	-0.294693873	3.69E-10
RP11-65I12.1	EPHA10	-0.38662717	0
RP11-65I12.1	ENTPD2	-0.410064195	0
RP11-65I12.1	DDB2	-0.388509348	0
RP11-65I12.1	NKAIN4	-0.220463978	3.29E-06
RP11-65I12.1	TRIM29	-0.230634267	1.11E-06
RP11-65I12.1	ADCY8	-0.408085301	4.79E-19
RP11-65I12.1	SFTA2	-0.360448007	8.11E-15
RP11-65I12.1	NRIP1	-0.134428411	0.004810678
RP11-65I12.1	VWA1	-0.230169325	1.17E-06
RP11-65I12.1	APLNR	-0.104910118	0.027995311
RP11-65I12.1	REN	-0.464508566	7.03E-25

RP11-65I12.1	EDIL3	-0.085339998	0.074069956
RP11-65I12.1	AGRN	-0.1494179	0.001710305
RP11-65I12.1	TREM1	-0.357008031	1.58E-14
RP11-65I12.1	SRL	-0.101125194	0.0341954
RP11-65I12.1	RASGRF1	-0.325359486	3.68E-12
RP11-65I12.1	RMI2	-0.493270537	0
RP11-65I12.1	SAMD1	-0.556523941	0
RP11-65I12.1	MGAT4B	-0.430395555	0
RP11-65I12.1	NXN	-0.356668189	1.68E-14
RP11-65I12.1	SH3BGRL3	-0.620348097	0
RP11-65I12.1	CA11	-0.463593671	0
RP11-65I12.1	PLD3	-0.343249262	1.89E-13
RP11-65I12.1	LURAP1L	-0.350154035	5.60E-14
RP11-65I12.1	CARNS1	-0.083486186	0.080589481
RP11-65I12.1	PDLIM7	-0.432907491	0
RP11-65I12.1	BCL2L1	-0.467193923	0
RP11-65I12.1	GGT6	-0.278759606	3.29E-09
RP11-65I12.1	DPYSL3	-0.114518591	0.0164142
RP11-65I12.1	FYN	-0.383713551	0
RP11-65I12.1	TK1	-0.436410443	0
RP11-65I12.1	AK1	-0.456073466	0
RP11-65I12.1	HIGD1B	-0.220139171	3.41E-06
RP11-65I12.1	TMEM59L	-0.213823163	6.51E-06
RP11-65I12.1	MEGF9	-0.09402043	0.049016312
RP11-65I12.1	ZFP36L1	-0.124936812	0.008815472
RP11-65I12.1	ADRA1B	-0.172879038	0.000278819
RP11-65I12.1	EPHA4	-0.09706	0.042121951
RP11-65I12.1	TCERG1L	-0.010635515	0.824081605
RP11-65I12.1	NGFR	-0.280225067	2.70E-09
RP11-65I12.1	EBI3	-0.474319253	0
RP11-65I12.1	S100A10	-0.423444827	0
RP11-65I12.1	S100B	-0.397918682	0
RP11-65I12.1	CD44	-0.168738671	0.000390821
RP11-65I12.1	BHLHE41	-0.193150259	4.78E-05
RP11-65I12.1	FBXO2	-0.498344761	0
RP11-65I12.1	SLC30A2	-0.253289061	8.28E-08
RP11-65I12.1	FRMD5	-0.399026288	0
RP11-65I12.1	SAMD11	-0.194895565	4.07E-05
RP11-65I12.1	SIPA1L2	-0.123289799	0.009754923
RP11-65I12.1	S100A16	-0.538729338	0
RP11-65I12.1	PPL	-0.205171382	1.54E-05
RP11-65I12.1	ARHGD1B	-0.267867933	1.36E-08
RP11-65I12.1	CDC42EP3	-0.321712144	6.56E-12
RP11-65I12.1	RUNX2	-0.326939552	2.86E-12
RP11-65I12.1	LAMC2	-0.251279087	1.05E-07
RP11-65I12.1	BRINP1	-0.417248955	0
RP11-65I12.1	GPRC5B	-0.216244465	5.09E-06
RP11-65I12.1	AQP5	-0.101362487	0.033774898
RP11-65I12.1	PLAG1	-0.089926869	0.059771661
RP11-65I12.1	PTPRU	-0.282666084	1.95E-09
RP11-65I12.1	ANGPTL4	-0.322949106	5.40E-12

RP11-65I12.1	PALM3	-0.286656814	1.13E-09
RP11-65I12.1	ACP5	-0.359886615	9.05E-15
RP11-65I12.1	DLG4	-0.194358854	4.27E-05
RP11-65I12.1	ETNK2	-0.433442217	0
RP11-65I12.1	CD109	-0.175270129	0.000228624
RP11-65I12.1	SNX22	-0.26261698	2.64E-08
RP11-65I12.1	TMEM98	-0.322180207	6.09E-12
RP11-65I12.1	CTHRC1	-0.276098316	4.68E-09
RP11-65I12.1	S100A2	-0.415592298	0
RP11-65I12.1	C11orf80	-0.51747164	0
RP11-65I12.1	SREBF1	-0.277678665	3.80E-09
RP11-65I12.1	PRSS22	-0.358727806	1.13E-14
RP11-65I12.1	CMTM3	-0.46513232	0
RP11-65I12.1	RDH5	-0.304511981	8.95E-11
RP11-65I12.1	MYH10	-0.141712882	0.002945376
RP11-65I12.1	EVPL	-0.239989561	3.92E-07
RP11-65I12.1	SCD	-0.252496192	9.10E-08
RP11-65I12.1	CD151	-0.464263	0
RP11-65I12.1	S100A4	-0.463952802	0
RP11-65I12.1	BNIP1	-0.284600459	1.50E-09
RP11-65I12.1	MAP3K6	-0.411425123	0
RP11-65I12.1	MANEAL	-0.416930247	0
RP11-65I12.1	CD207	-0.351103316	3.51E-14
RP11-65I12.1	CD1A	-0.35024581	4.08E-14
RP11-65I12.1	C3	-0.26735817	1.45E-08
RP11-65I12.1	NT5E	-0.235371486	6.59E-07
RP11-65I12.1	CACNG4	-0.323441368	3.78E-12
RP11-65I12.1	FHOD1	-0.27834686	3.47E-09
RP11-65I12.1	LEMD1	-0.445285476	0
RP11-65I12.1	ATP11A	0.073397595	0.124619655
RP11-65I12.1	PPAP2C	-0.376286392	2.17E-16
RP11-65I12.1	DRAM1	-0.270535038	9.66E-09
RP11-65I12.1	CDA	-0.274267766	5.95E-09
RP11-65I12.1	CCND2	-0.27141996	8.62E-09
RP11-65I12.1	LCN6	-0.206620539	1.28E-05
RP11-65I12.1	CDH4	-0.343105581	1.94E-13
RP11-65I12.1	MMP11	-0.422366439	0
RP11-65I12.1	B3GAT1	-0.082581124	0.083937255
RP11-65I12.1	SPP1	-0.185100435	9.84E-05
RP11-65I12.1	HLA-DQB1	-0.3812436	3.07E-17
RP11-65I12.1	SDC3	-0.35250995	3.65E-14
RP11-65I12.1	CX3CL1	-0.266795502	1.56E-08
RP11-65I12.1	SDK1	-0.210655373	8.95E-06
RP11-65I12.1	DOCK9	-0.080513848	0.092005689
RP11-65I12.1	CSF2	-0.466384493	4.30E-25
RP11-65I12.1	GRHL3	-0.334822576	7.90E-13
RP11-65I12.1	TMEM92	-0.458014853	3.76E-24
RP11-65I12.1	BASP1	-0.427979218	0
RP11-65I12.1	HRH1	-0.249760721	1.26E-07
RP11-65I12.1	ESM1	0.043808951	0.359671084
RP11-65I12.1	B4GALNT3	-0.312154307	2.86E-11

RP11-65I12.1	LMO3	-0.106246507	0.026050153
RP11-65I12.1	C9orf16	-0.641234749	0
RP11-65I12.1	SEMA3F	-0.207164335	1.26E-05
RP11-65I12.1	PLA2G12B	-0.288735075	7.08E-10
RP11-65I12.1	KLK6	-0.297425659	2.04E-10
RP11-65I12.1	ST3GAL5	-0.315324084	1.77E-11
RP11-65I12.1	FAM132B	-0.147552884	0.001955372
RP11-65I12.1	CDKN1A	-0.182125117	0.000127596
RP11-65I12.1	E2F1	-0.452743272	0
RP11-65I12.1	B3GNT8	-0.451357807	0
RP11-65I12.1	MTMR11	-0.286773546	1.11E-09
RP11-65I12.1	MYO1G	-0.268991283	1.18E-08
RP11-65I12.1	TMSB10	-0.598686021	0
RP11-65I12.1	UNC5CL	-0.346772212	1.02E-13
RP11-65I12.1	ABR	-0.268925187	1.19E-08
RP11-65I12.1	PLP2	-0.593908663	0
RP11-65I12.1	SRCIN1	-0.334536632	8.28E-13
RP11-65I12.1	PDE9A	-0.471417265	0
RP11-65I12.1	TREM2	-0.363644307	4.27E-15
RP11-65I12.1	KDEL3	-0.267930908	1.35E-08
RP11-65I12.1	PC	-0.400233606	0
RP11-65I12.1	C2CD4A	-0.394983221	0
RP11-65I12.1	PELI1	-0.227657248	1.54E-06
RP11-65I12.1	SSX1	-0.171593001	0.000309905
RP11-65I12.1	MROH6	-0.457237523	0
RP11-65I12.1	ESPN	-0.451700485	0
RP11-65I12.1	BMP1	-0.266855074	1.55E-08
RP11-65I12.1	TM4SF4	-0.307901114	4.29E-11
RP11-65I12.1	CORO2A	-0.280309886	2.67E-09
RP11-65I12.1	CD164L2	-0.519178242	1.14E-31
RP11-65I12.1	CTSS	-0.257007322	5.27E-08
RP11-65I12.1	CLU	-0.392712834	0
RP11-65I12.1	TMSB4X	-0.496913766	0
RP11-65I12.1	WNT10A	-0.348863401	5.22E-14
RP11-65I12.1	NAPSA	-0.270585958	9.60E-09
RP11-65I12.1	PLEKHA4	-0.359875127	9.07E-15
RP11-65I12.1	SFTPA1	-0.094879882	0.046947848
RP11-65I12.1	C1orf116	-0.310382194	3.74E-11
RP11-65I12.1	TM4SF1	-0.310342905	3.76E-11
RP11-65I12.1	SEL1L3	-0.168704062	0.000391913
RP11-65I12.1	VASN	-0.477140251	0
RP11-65I12.1	NPTXR	-0.394644514	0
RP11-65I12.1	PDE4C	-0.265523365	1.83E-08
RP11-65I12.1	CDC42EP1	-0.450772587	0
RP11-65I12.1	ENDOD1	-0.377358539	1.56E-16
RP11-65I12.1	RYR1	-0.426999833	0
RP11-65I12.1	IL1RAP	-0.193348122	4.69E-05
RP11-65I12.1	SLC35F2	-0.309196872	3.52E-11
RP11-65I12.1	ISYNA1	-0.394052911	0
RP11-65I12.1	HLA-G	-0.340490671	3.04E-13
RP11-65I12.1	CDKN2B	-0.320620282	7.78E-12

RP11-65I12.1	ALDH1A3	-0.223201434	2.47E-06
RP11-65I12.1	CLIP3	-0.310788416	3.52E-11
RP11-65I12.1	ULBP2	-0.320006837	8.56E-12
RP11-65I12.1	ETHE1	-0.537205014	0
RP11-65I12.1	XPR1	-0.165562796	0.000503774
RP11-65I12.1	SPTBN2	-0.359205939	1.03E-14
RP11-65I12.1	IVL	-0.414172537	1.26E-19
RP11-65I12.1	MARCO	-0.345559221	1.27E-13
RP11-65I12.1	PLXND1	-0.175409413	0.000225978
RP11-65I12.1	EMILIN2	-0.353109637	3.27E-14
RP11-65I12.1	PLAUR	-0.419040784	0
RP11-65I12.1	CDC42EP5	-0.499829512	0
RP11-65I12.1	TRPC5	-0.155234869	0.001102161
RP11-65I12.1	TMEM100	-0.3006516	1.57E-10
RP11-65I12.1	QSOX1	-0.386787729	0
RP11-65I12.1	ARHGAP23	-0.221127917	3.07E-06
RP11-65I12.1	MDF1	-0.237365858	5.27E-07
RP11-65I12.1	FSTL3	-0.422618058	0
RP11-65I12.1	INF2	-0.415592581	0
RP11-65I12.1	TGFBR1	-0.32421018	4.42E-12
RP11-65I12.1	TGFBI	-0.230934962	1.08E-06
RP11-65I12.1	ERBB3	-0.37918767	8.18E-17
RP11-65I12.1	CCL18	-0.207842317	1.18E-05
RP11-65I12.1	CCL17	-0.381090216	1.27E-16
RP11-65I12.1	C16orf45	-0.29922103	1.93E-10
RP11-65I12.1	PRDM1	-0.115666762	0.015360985
RP11-65I12.1	TRIM47	-0.542642482	0
RP11-65I12.1	CNFN	-0.512221822	0
RP11-65I12.1	ARMCX3	-0.230735539	1.10E-06
RP11-65I12.1	RAMP1	-0.403404091	0
RP11-65I12.1	GABRD	-0.116890817	0.014303956
RP11-65I12.1	COL13A1	-0.172853082	0.000279417
RP11-65I12.1	S100A5	-0.470837435	0
RP11-65I12.1	MISP	-0.341948473	2.37E-13
RP11-65I12.1	HES6	-0.30428802	9.24E-11
RP11-65I12.1	PSD3	-0.145881192	0.002201936
RP11-65I12.1	DOK7	-0.356596987	1.70E-14
RP11-65I12.1	ZMAT3	-0.208543134	1.10E-05
RP11-65I12.1	MFAP2	-0.331106443	1.46E-12
RP11-65I12.1	TMEM79	-0.466080359	0
RP11-65I12.1	SLC1A5	-0.438963653	0
RP11-65I12.1	BBC3	-0.428084745	0
RP11-65I12.1	HLA-DQB2	-0.412695416	0
RP11-65I12.1	C1QL1	-0.342545324	2.14E-13
RP11-65I12.1	TMEM215	-0.072243406	0.130705123
RP11-65I12.1	PNP	-0.306866194	6.32E-11
RP11-65I12.1	ARNTL	-0.180087911	0.000152078
RP11-65I12.1	CLDN2	-0.352672011	2.65E-14
RP11-65I12.1	MVP	-0.56976387	0
RP11-65I12.1	LGALS1	-0.531769532	0
RP11-65I12.1	BIRC7	-0.364607781	3.00E-15

RP11-65I12.1	COL8A1	-0.289288744	7.86E-10
RP11-65I12.1	PERP	-0.395122363	0
RP11-65I12.1	GJA4	-0.153169493	0.001300514
RP11-65I12.1	IGFL2	-0.423205453	1.67E-20
RP11-65I12.1	DAPK2	-0.224992554	2.04E-06
RP11-65I12.1	MAMLD1	-0.25308127	8.49E-08
RP11-65I12.1	ETV5	-0.197565791	3.17E-05
RP11-65I12.1	RUNX1	-0.332916001	1.08E-12
RP11-65I12.1	LONRF2	-0.057582897	0.228470311
RP11-65I12.1	SPOCK1	-0.080081244	0.093770324
RP11-65I12.1	XKRX	-0.206250479	1.38E-05
RP11-65I12.1	TGFB1	-0.274124368	6.06E-09
RP11-65I12.1	ERP27	-0.143584281	0.002587143
RP11-65I12.1	TNFRSF10C	-0.191069083	5.77E-05
RP11-65I12.1	PALM	-0.416561187	0
RP11-65I12.1	TSC22D1	-0.261906092	2.88E-08
RP11-65I12.1	TGM2	-0.291688344	5.63E-10
RP11-65I12.1	UBE2QL1	-0.300872866	1.52E-10
RP11-65I12.1	ECE1	-0.341481404	2.57E-13
RP11-65I12.1	COL8A2	-0.328796767	2.12E-12
RP11-65I12.1	HIST3H2A	-0.397096736	0
RP11-65I12.1	TNFRSF21	-0.237877039	4.98E-07
RP11-65I12.1	SOX4	-0.260880043	3.27E-08
RP11-65I12.1	ELF3	-0.38935484	0
RP11-65I12.1	TPD52L1	-0.388421551	0
RP11-65I12.1	INHBB	-0.245431426	2.10E-07
RP11-65I12.1	HPN	-0.39379959	0
RP11-65I12.1	MMP7	-0.289003374	6.82E-10
RP11-65I12.1	RAB27A	-0.283822482	1.66E-09
RP11-65I12.1	IGF2BP2	-0.210682605	8.93E-06
RP11-65I12.1	ITGB4	-0.310246598	3.82E-11
RP11-65I12.1	PPP1R1B	-0.423268523	0
RP11-65I12.1	NPDC1	-0.427407331	0
RP11-65I12.1	CCL13	-0.416097314	8.26E-20
RP11-65I12.1	SPINT1	-0.57578287	0
RP11-65I12.1	HEY2	-0.273704672	6.40E-09
RP11-65I12.1	CST2	-0.33574043	5.00E-13
RP11-65I12.1	ADM	-0.327668878	2.54E-12
RP11-65I12.1	VSTM2L	-0.385942238	0
RP11-65I12.1	FAM84A	-0.290464148	6.68E-10
RP11-65I12.1	P4HA2	-0.414535753	0
RP11-65I12.1	LPL	-0.143466698	0.002608424
RP11-65I12.1	TMEM173	-0.369403178	1.24E-15
RP11-65I12.1	DHRS3	-0.462169342	0
RP11-65I12.1	SCN1B	-0.570844385	0
RP11-65I12.1	GLT1D1	-0.197064397	3.33E-05
RP11-65I12.1	PHYHIP	-0.479165827	0
RP11-65I12.1	BHLHE40	-0.300847051	1.53E-10
RP11-65I12.1	BID	-0.520373202	0
RP11-65I12.1	POSTN	-0.197076879	3.32E-05
RP11-65I12.1	ITGA3	-0.422957049	0

RP11-65I12.1	RSP04	-0.300545364	1.60E-10
RP11-65I12.1	ADAMTS9	-0.092281223	0.053369717
RP11-65I12.1	ABTB2	-0.296498325	2.85E-10
RP11-65I12.1	KCNQ3	-0.240956465	3.51E-07
RP11-65I12.1	ANXA1	-0.34547341	1.29E-13
RP11-65I12.1	S100A11	-0.59201386	0
RP11-65I12.1	CEACAM6	-0.320757243	5.81E-12
RP11-65I12.1	IER5L	-0.461467248	0
RP11-65I12.1	KRT80	-0.317106976	1.34E-11
RP11-65I12.1	CDH6	-0.30759396	5.67E-11
RP11-65I12.1	UNC5B	-0.260330849	3.51E-08
RP11-65I12.1	PLEKHN1	-0.35127469	4.57E-14
RP11-65I12.1	SYTL1	-0.417181299	0
RP11-65I12.1	TMEM163	-0.279200719	3.10E-09
RP11-65I12.1	C4orf48	-0.381684997	2.30E-17
RP11-65I12.1	B3GNT7	-0.292460222	5.05E-10
RP11-65I12.1	BAIAP3	-0.376484396	2.04E-16
RP11-65I12.1	PHLDA2	-0.525139639	0
RP11-65I12.1	GAP43	-0.376543868	3.09E-16
RP11-65I12.1	S100A1	-0.473957001	0
RP11-65I12.1	PTPRE	-0.270957145	9.15E-09
RP11-65I12.1	CCND1	-0.231033822	1.06E-06
RP11-65I12.1	ST6GALNAC5	-0.315850665	1.26E-11
RP11-65I12.1	KRT17	-0.265596411	1.81E-08
RP11-65I12.1	HPCAL4	-0.308984815	4.61E-11
RP11-65I12.1	GABBR2	-0.253513306	8.06E-08
RP11-65I12.1	DIRAS3	-0.308985808	4.61E-11
RP11-65I12.1	SERINC2	-0.49254575	0
RP11-65I12.1	PTCHD4	-0.152033803	0.001413857
RP11-65I12.1	EPS8	-0.14662612	0.00208875
RP11-65I12.1	LY6E	-0.549052528	0
RP11-65I12.1	UPP1	-0.457131571	0
RP11-65I12.1	AHNAK2	-0.302729656	1.16E-10
RP11-65I12.1	PLXNC1	-0.304529852	8.92E-11
RP11-65I12.1	TNC	-0.300630041	1.58E-10
RP11-65I12.1	DUSP4	-0.341657849	2.49E-13
RP11-65I12.1	NRCAM	-0.151492127	0.001471055
RP11-65I12.1	NRP2	-0.284048145	1.61E-09
RP11-65I12.1	CTSC	-0.423797859	0
RP11-65I12.1	AMIGO2	-0.237814347	5.01E-07
RP11-65I12.1	NAB2	-0.386495119	0
RP11-65I12.1	TBC1D2	-0.368634137	1.48E-15
RP11-65I12.1	PHLDA3	-0.524679093	0
RP11-65I12.1	PTP4A3	-0.417323136	0
RP11-65I12.1	CRABP2	-0.44382895	0
RP11-65I12.1	GOS2	-0.432301279	0
RP11-65I12.1	S100A6	-0.597626497	0
RP11-65I12.1	FOXQ1	-0.230365344	1.14E-06
RP11-65I12.1	LRG1	-0.374841355	3.26E-16
RP11-65I12.1	LAMP5	-0.33727182	5.25E-13
RP11-65I12.1	ALDH3B1	-0.416873229	0

RP11-65I12.1	CDH2	-0.04473302	0.349619423
RP11-65I12.1	SCG5	-0.295965868	3.08E-10
RP11-65I12.1	ZCCHC16	-0.226325606	1.66E-06
RP11-65I12.1	GRB7	-0.408059328	0
RP11-65I12.1	TIAM1	-0.123382986	0.009699484
RP11-65I12.1	FXYD5	-0.501467589	0
RP11-65I12.1	CLDN9	-0.440762289	0
RP11-65I12.1	FAM43A	-0.420796728	0
RP11-65I12.1	CHST2	-0.322591676	5.71E-12
RP11-65I12.1	HMGA2	-0.339222222	3.78E-13
RP11-65I12.1	GALNT7	-0.241835571	3.18E-07
RP11-65I12.1	CBLN1	-0.306525785	6.65E-11
RP11-65I12.1	STRA6	-0.375344593	2.84E-16
RP11-65I12.1	MUC21	-0.390766006	1.82E-17
RP11-65I12.1	PRR36	-0.362487483	5.40E-15
RP11-65I12.1	NFE2L3	-0.297326228	2.54E-10
RP11-65I12.1	NR1D1	-0.323961965	4.60E-12
RP11-65I12.1	MUC1	-0.405577603	0
RP11-65I12.1	NAT8L	-0.219639053	3.59E-06
RP11-65I12.1	APOC1	-0.283317826	1.78E-09
RP11-65I12.1	EVA1A	-0.389058826	0
RP11-65I12.1	ENTPD1	-0.089420085	0.061229717
RP11-65I12.1	COL1A1	-0.286295838	1.19E-09
RP11-65I12.1	FNDC4	-0.369750253	1.15E-15
RP11-65I12.1	FRMD3	-0.096568392	0.043178128
RP11-65I12.1	SHROOM4	-0.153597841	0.001259982
RP11-65I12.1	NELL2	-0.202840289	1.92E-05
RP11-65I12.1	EPHB3	-0.406170766	0
RP11-65I12.1	TMC6	-0.452065007	0
RP11-65I12.1	NOD1	-0.255056068	6.69E-08
RP11-65I12.1	GGCT	-0.537972495	0
RP11-65I12.1	ICAM1	-0.291286803	5.95E-10
RP11-65I12.1	PRSS23	-0.298428586	2.16E-10
RP11-65I12.1	CFI	-0.260463325	3.45E-08
RP11-65I12.1	CD55	-0.334434084	8.42E-13
RP11-65I12.1	RASD2	-0.280259817	2.69E-09
RP11-65I12.1	KLK11	-0.29287827	3.93E-10
RP11-65I12.1	ICAM5	-0.227296272	1.60E-06
RP11-65I12.1	ADORA1	-0.471701223	0
RP11-65I12.1	ITGA2	-0.225111697	2.02E-06
RP11-65I12.1	ABCC3	-0.140654919	0.003167329
RP11-65I12.1	MFGE8	-0.414186834	0
RP11-65I12.1	STK32A	-0.110701328	0.020383926
RP11-65I12.1	CYSLTR2	-0.123401708	0.00968838
RP11-65I12.1	LAD1	-0.50730674	0
RP11-65I12.1	MGAT3	-0.222284032	2.72E-06
RP11-65I12.1	IGFBP6	-0.474201102	0
RP11-65I12.1	CYP2S1	-0.400028226	0
RP11-65I12.1	KCNJ2	-0.31330716	2.40E-11
RP11-65I12.1	FAM20A	-0.314679008	1.95E-11
RP11-65I12.1	TGFA	-0.301233841	1.44E-10

RP11-65I12.1	MXRA8	-0.466275102	0
RP11-65I12.1	C8orf4	-0.247439131	1.66E-07
RP11-65I12.1	CLDN10	-0.415861252	8.70E-20
RP11-65I12.1	PDE5A	-0.244005679	2.47E-07
RP11-65I12.1	APOE	-0.265395853	1.86E-08
RP11-65I12.1	SPOCK2	-0.299589949	1.83E-10
RP11-65I12.1	TENM1	-0.055113654	0.249072562
RP11-65I12.1	SLIT1	-0.209016445	1.05E-05
RP11-65I12.1	CXCL14	-0.182908484	0.000119209
RP11-65I12.1	ECM1	-0.215094875	5.73E-06
RP11-65I12.1	DUSP5	-0.411085139	0
RP11-65I12.1	SEZ6L2	-0.386034432	0
RP11-65I12.1	THRSP	-0.237952638	4.94E-07
RP11-65I12.1	C19orf33	-0.470361429	0
RP11-65I12.1	MPZL2	-0.296636332	2.80E-10
RP11-65I12.1	CTSH	-0.554798776	0
RP11-65I12.1	CYP1B1	-0.352707245	3.52E-14
RP11-65I12.1	ALOX5	-0.316880463	1.39E-11
RP11-65I12.1	SYTL5	-0.264226557	1.90E-08
RP11-65I12.1	TNFRSF12A	-0.427744761	0
RP11-65I12.1	DUSP6	-0.260817776	3.30E-08
RP11-65I12.1	ALOX15B	-0.409330898	0
RP11-65I12.1	SDC4	-0.41528749	0
RP11-65I12.1	MDK	-0.398783747	0
RP11-65I12.1	KRT19	-0.495282213	0
RP11-65I12.1	MET	-0.325363032	3.68E-12
RP11-65I12.1	TESC	-0.323678574	4.81E-12
RP11-65I12.1	CXCL17	-0.481081993	8.25E-27
RP11-65I12.1	NPC2	-0.566774085	0
RP11-65I12.1	COMP	-0.353959384	2.79E-14
RP11-65I12.1	TUSC3	-0.28645966	1.16E-09
RP11-65I12.1	TMPRSS4	-0.361302575	6.85E-15
RP11-65I12.1	LGALS3	-0.520175055	0
RP11-65I12.1	CRLF1	-0.255903687	6.03E-08
RP11-65I12.1	CTXN1	-0.457113983	0
RP11-65I12.1	PCSK1N	-0.235092634	6.80E-07
RP11-65I12.1	NMU	-0.371095631	8.83E-16
RP11-65I12.1	GALE	-0.548456954	0
RP11-65I12.1	PCSK2	-0.104590417	0.028478739
RP11-65I12.1	GJB3	-0.421381664	0
RP11-65I12.1	SLPI	-0.385585518	0
RP11-65I12.1	AGR2	-0.170934168	0.000327057
RP11-65I12.1	MRC2	-0.334614785	8.18E-13
RP11-65I12.1	GOLT1A	-0.525497777	0
RP11-65I12.1	SLC27A6	-0.217030888	4.45E-06
RP11-65I12.1	KCNN4	-0.516687848	0
RP11-65I12.1	ETV4	-0.296098993	2.47E-10
RP11-65I12.1	SYT12	-0.485445099	0
RP11-65I12.1	PVRL4	-0.498414261	0
RP11-65I12.1	PLCD3	-0.412263806	0
RP11-65I12.1	PLAU	-0.430382365	0

RP11-65I12.1	LRRK2	-0.10228684	0.03217867
RP11-65I12.1	SFN	-0.469386015	0
RP11-65I12.1	LPAR5	-0.28903755	8.14E-10
RP11-65I12.1	NGEF	-0.396239047	0
RP11-65I12.1	DTX4	-0.280906453	2.47E-09
RP11-65I12.1	CST6	-0.435031644	0
RP11-65I12.1	QPCT	-0.35753141	1.43E-14
RP11-65I12.1	TIMP1	-0.5511442	0
RP11-65I12.1	CAMK2N1	-0.427257551	0
RP11-65I12.1	KLHDC8A	-0.153528482	0.001266465
RP11-65I12.1	PDLIM4	-0.529195755	0
RP11-65I12.1	SCEL	-0.260410987	3.47E-08
RP11-65I12.1	LCN2	-0.468608748	0
RP11-65I12.1	PROS1	-0.354112142	2.71E-14
RP11-65I12.1	GABRB2	-0.276034915	4.72E-09
RP11-65I12.1	TMPRSS6	-0.399930358	0
RP11-65I12.1	KLK7	-0.3385069	3.13E-13
RP11-65I12.1	PDZK1IP1	-0.469827554	0
RP11-65I12.1	CDH3	-0.359651166	9.48E-15
RP11-65I12.1	LRP4	-0.170630211	0.000335265
RP11-65I12.1	IGSF1	-0.103178854	0.030699869
RP11-65I12.1	B3GNT3	-0.380586043	4.42E-17
RP11-65I12.1	CLDN1	-0.284481741	1.52E-09
RP11-65I12.1	GDF15	-0.43795902	0
RP11-65I12.1	ARHGAP36	-0.136515132	0.004162442
RP11-65I12.1	LAMB3	-0.368221674	1.62E-15
RP11-65I12.1	KLK10	-0.411481432	0
RP11-65I12.1	DPP4	-0.29236278	5.12E-10
RP11-65I12.1	METTL7B	-0.452246133	0
RP11-65I12.1	LIPH	-0.393818312	0
RP11-65I12.1	CLDN16	-0.253804356	7.78E-08
RP11-65I12.1	CHI3L1	-0.458005288	0
RP11-65I12.1	SLC22A31	-0.419698844	3.69E-20
RP11-65I12.1	TACSTD2	-0.439561071	0
RP11-65I12.1	SFTPB	-0.408282012	0
RP11-65I12.1	RXRG	-0.373820837	4.28E-16
RP11-65I12.1	DCSTAMP	-0.393944043	9.49E-18
RP11-65I12.1	CITED1	-0.477441655	0
RP11-65I12.1	SERPINA1	-0.520078464	0
RP11-65I12.1	PRR15	-0.336271726	6.20E-13
RP11-65I12.1	SLC34A2	-0.366773659	2.22E-15
RP11-65I12.1	FN1	-0.378232965	1.16E-16
RP11-65I12.1	ZCCHC12	-0.218424218	4.07E-06
INAFM2	TFF3	0.671586193	0
INAFM2	CCL21	0.372309056	7.00E-16
INAFM2	TPO	0.694732169	0
INAFM2	MT1G	0.674432013	0
INAFM2	DIO1	0.60096279	0
INAFM2	DPT	0.30330165	8.57E-11
INAFM2	CDH16	0.552264146	0
INAFM2	CRABP1	0.623647954	1.11E-48

INAFM2	SLC26A7	0.680509734	0
INAFM2	MT1H	0.62545957	4.91E-49
INAFM2	SLC26A4	0.691460837	0
INAFM2	SLC5A8	0.61254661	1.45E-46
INAFM2	PKHD1L1	0.536822741	3.91E-34
INAFM2	TFCP2L1	0.583395553	0
INAFM2	WSCD2	0.667320252	6.76E-58
INAFM2	IPCEF1	0.554265326	0
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INAFM2	MT1F	0.687577337	0
INAFM2	FOSB	0.46886448	0
INAFM2	SEMA3D	0.590992228	1.09E-42
INAFM2	BMP8A	0.586508878	0
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INAFM2	LMOD1	0.656989308	0
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INAFM2	PI16	0.368953838	1.38E-15
INAFM2	ZMAT4	0.679881698	7.61E-61
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INAFM2	GPC3	0.466151082	4.58E-25
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INAFM2	DEPTOR	0.57569025	0
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INAFM2	GRIN2C	0.632008385	0
INAFM2	C11orf74	0.710927984	0
INAFM2	PPARGC1A	0.584991504	0
INAFM2	ANGPTL1	0.550792302	0
INAFM2	SCARA5	0.267349346	1.27E-08
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INAFM2	MUM1L1	0.444268929	0
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INAFM2	MIOX	0.720301671	2.02E-71
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INAFM2	ALDH1A1	0.628328563	0
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INAFM2	C8orf88	0.524237271	0
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INAFM2	ENPP1	0.350852441	4.93E-14
INAFM2	SYNE1	0.620483219	4.53E-48

INAFM2	PLCH1	0.541418712	0
INAFM2	CCDC146	0.625109002	0
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INAFM2	KIAA1456	0.577351021	0
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INAFM2	GPR125	0.551603469	0
INAFM2	FLRT1	0.700822939	0
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INAFM2	PLA2G7	0.313046037	2.50E-11
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INAFM2	KATNAL2	0.698720771	0
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INAFM2	MDF1	-0.320382989	8.08E-12
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INAFM2	INF2	-0.465334863	0
INAFM2	TGFBR1	-0.607499496	0
INAFM2	TGFBI	-0.367501142	1.90E-15
INAFM2	ERBB3	-0.71786538	0
INAFM2	CCL18	-0.38397439	0
INAFM2	CCL17	-0.453550129	1.17E-23
INAFM2	C16orf45	-0.393720019	0
INAFM2	PRDM1	-0.257714947	4.84E-08
INAFM2	TRIM47	-0.567393629	0
INAFM2	CNFN	-0.42021789	0
INAFM2	ARMCX3	-0.394133474	0
INAFM2	RAMP1	-0.309362102	4.36E-11
INAFM2	GABRD	0.048717225	0.308342502
INAFM2	COL13A1	-0.124279396	0.009180335
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INAFM2	MISP	-0.594929464	0
INAFM2	HES6	-0.144774011	0.002380548
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INAFM2	DOK7	-0.604883452	0
INAFM2	ZMAT3	-0.593770939	0
INAFM2	MFAP2	-0.372980878	5.31E-16
INAFM2	TMEM79	-0.550548059	0
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INAFM2	BBC3	-0.490930934	0
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INAFM2	CLDN2	-0.230816749	1.02E-06
INAFM2	MVP	-0.577765611	0
INAFM2	LGALS1	-0.425761453	0
INAFM2	BIRC7	-0.378683708	2.04E-16
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INAFM2	DAPK2	-0.510357089	0
INAFM2	MAMLD1	-0.629983235	0
INAFM2	ETV5	-0.198939626	2.79E-05
INAFM2	RUNX1	-0.750614297	0
INAFM2	LONRF2	-0.348980617	6.91E-14
INAFM2	SPOCK1	-0.173298451	0.000269329
INAFM2	XKRX	-0.394709617	0
INAFM2	TGFB1	-0.266487715	1.62E-08
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INAFM2	TGM2	-0.624418539	0
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INAFM2	HEY2	-0.20196799	2.09E-05
INAFM2	CST2	-0.631181526	3.63E-50
INAFM2	ADM	-0.241752454	3.21E-07
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INAFM2	PHYHIP	-0.407134266	0

INAFM2	BHLHE40	-0.574348187	0
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INAFM2	ANXA1	-0.463336804	0
INAFM2	S100A11	-0.543108559	0
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INAFM2	UNC5B	-0.489088328	0
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INAFM2	SYTL1	-0.328401325	2.26E-12
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INAFM2	B3GNT7	-0.317777724	1.21E-11
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INAFM2	PHLDA2	-0.372273678	6.33E-16
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INAFM2	S100A1	-0.426199446	0
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INAFM2	HPCAL4	-0.309277567	4.41E-11
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INAFM2	EPS8	-0.464903537	0
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INAFM2	CHST2	-0.499462154	0
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INAFM2	PRR36	-0.509765061	0
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INAFM2	EPHB3	-0.645248172	0
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INAFM2	GGCT	-0.547259281	0
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INAFM2	MXRA8	-0.566018802	0
INAFM2	C8orf4	-0.394862092	0
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INAFM2	APOE	-0.120647373	0.011448793
INAFM2	SPOCK2	-0.626777999	0
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INAFM2	ECM1	-0.045226046	0.34432996
INAFM2	DUSP5	-0.607873095	0
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INAFM2	THRSP	-0.101894944	0.032847369
INAFM2	C19orf33	-0.583702346	0
INAFM2	MPZL2	-0.550684648	0
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INAFM2	ALOX5	-0.67221212	0
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INAFM2	SERPINA1	-0.645097258	0
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ST7-AS1	TFF3	0.658520582	0
ST7-AS1	CCL21	0.417882477	5.55E-20
ST7-AS1	TPO	0.592697657	0
ST7-AS1	MT1G	0.573968206	0

ST7-AS1	DIO1	0.538342123	0
ST7-AS1	DPT	0.381007292	1.29E-16
ST7-AS1	CDH16	0.630062522	0
ST7-AS1	CRABP1	0.59966569	3.25E-44
ST7-AS1	SLC26A7	0.593441593	0
ST7-AS1	MT1H	0.559181339	1.78E-37
ST7-AS1	SLC26A4	0.608534198	0
ST7-AS1	SLC5A8	0.579232514	1.07E-40
ST7-AS1	PKHD1L1	0.52713441	9.21E-33
ST7-AS1	TFCP2L1	0.590777892	0
ST7-AS1	WSCD2	0.572718286	1.26E-39
ST7-AS1	IPCEF1	0.526217885	0
ST7-AS1	SLC5A5	0.505686984	7.07E-30
ST7-AS1	MT1F	0.61720683	0
ST7-AS1	FOSB	0.41489148	0
ST7-AS1	SEMA3D	0.509947907	1.96E-30
ST7-AS1	BMP8A	0.467407104	0
ST7-AS1	MATN2	0.612614427	0
ST7-AS1	PLA2R1	0.476315327	0
ST7-AS1	COL23A1	0.681725562	0
ST7-AS1	HGD	0.58583274	0
ST7-AS1	TCEAL2	0.513846708	0
ST7-AS1	CHRD1	0.276368667	3.88E-09
ST7-AS1	TNFRSF11B	0.428178216	0
ST7-AS1	FAM167A	0.535807493	0
ST7-AS1	KIT	0.546559599	0
ST7-AS1	SLC4A4	0.574366201	0
ST7-AS1	SMOC2	0.466171561	0
ST7-AS1	FHL1	0.561583555	0
ST7-AS1	OTOS	0.64513527	0
ST7-AS1	IGFBPL1	0.548041591	8.85E-36
ST7-AS1	HBB	0.391410911	0
ST7-AS1	BEX1	0.53342009	0
ST7-AS1	FABP4	0.541806288	7.40E-35
ST7-AS1	LMOD1	0.569784294	0
ST7-AS1	SOD3	0.588190073	0
ST7-AS1	TMEM171	0.567787653	0
ST7-AS1	PI16	0.417830346	0
ST7-AS1	ZMAT4	0.60034289	2.46E-44
ST7-AS1	MFAP4	0.297750889	2.39E-10
ST7-AS1	CWH43	0.552055311	2.20E-36
ST7-AS1	SPX	0.603389198	0
ST7-AS1	APOD	0.273763109	6.35E-09
ST7-AS1	DPP6	0.597297293	0
ST7-AS1	MMRN1	0.378262892	1.15E-16
ST7-AS1	WDR72	0.561774751	0
ST7-AS1	MPPED2	0.609670881	0
ST7-AS1	PAPSS2	0.42190405	0
ST7-AS1	DCN	0.193638463	4.57E-05
ST7-AS1	SORBS2	0.511093082	0
ST7-AS1	EGR2	0.359710028	9.37E-15

ST7-AS1	EDN3	0.520739246	7.02E-32
ST7-AS1	DIO2	0.518159266	0
ST7-AS1	ITPR1	0.513625726	0
ST7-AS1	CFD	0.429747785	0
ST7-AS1	CPXM1	0.466716499	0
ST7-AS1	ELM01	0.545238953	0
ST7-AS1	GPC3	0.465577492	5.32E-25
ST7-AS1	MYOC	0.347980226	6.09E-14
ST7-AS1	DEPTOR	0.533786739	0
ST7-AS1	DGKI	0.477763058	0
ST7-AS1	CARTPT	0.541942274	7.06E-35
ST7-AS1	IYD	0.38675383	0
ST7-AS1	LYVE1	0.384870375	0
ST7-AS1	CLCNKB	0.653085525	0
ST7-AS1	NCAM1	0.401699634	0
ST7-AS1	HBA2	0.437239055	0
ST7-AS1	GLT8D2	0.483437962	0
ST7-AS1	OGDHL	0.542118678	0
ST7-AS1	LIFR	0.496136215	0
ST7-AS1	CSGALNACT1	0.414553908	0
ST7-AS1	RAP1GAP	0.552519595	0
ST7-AS1	COL9A3	0.58920818	0
ST7-AS1	FBLN1	0.229834022	1.21E-06
ST7-AS1	EFEMP1	0.371227912	8.15E-16
ST7-AS1	AOX1	0.438454048	4.75E-22
ST7-AS1	GRIN2C	0.572147017	0
ST7-AS1	C11orf74	0.696209261	0
ST7-AS1	PPARGC1A	0.568546481	0
ST7-AS1	ANGPTL1	0.507608569	0
ST7-AS1	SCARA5	0.327634266	1.92E-12
ST7-AS1	LTF	0.473559573	0
ST7-AS1	CA4	0.596127561	1.38E-43
ST7-AS1	TG	0.494982653	0
ST7-AS1	FCGBP	0.60427795	0
ST7-AS1	PBX4	0.714020175	0
ST7-AS1	CYR61	0.447626497	0
ST7-AS1	FOS	0.361449802	6.65E-15
ST7-AS1	KHDRBS2	0.60478828	0
ST7-AS1	MUM1L1	0.490088279	0
ST7-AS1	RGS16	0.533278395	0
ST7-AS1	MT1M	0.586032588	0
ST7-AS1	LRP2	0.437190405	0
ST7-AS1	MAFB	0.469581183	0
ST7-AS1	KCNK2	0.48160727	0
ST7-AS1	TBC1D4	0.461803828	0
ST7-AS1	MIOX	0.676399744	5.17E-60
ST7-AS1	TPPP	0.591131633	0
ST7-AS1	FMOD	0.444510761	0
ST7-AS1	CITED2	0.466923014	0
ST7-AS1	RGS8	0.562346257	5.71E-38
ST7-AS1	ABI3BP	0.398191577	0

ST7-AS1	ADH1B	0.351680901	3.17E-14
ST7-AS1	OGN	0.271152585	7.76E-09
ST7-AS1	NR4A1	0.389398242	0
ST7-AS1	FOXJ1	0.625786271	4.24E-49
ST7-AS1	ALDH1A1	0.525723866	0
ST7-AS1	OCA2	0.507719722	3.84E-30
ST7-AS1	TMEM139	0.391931453	0
ST7-AS1	ARHGAP24	0.50902765	0
ST7-AS1	SLC25A15	0.427252728	0
ST7-AS1	DES	0.296558545	2.31E-10
ST7-AS1	GDF10	0.459752703	2.41E-24
ST7-AS1	KIAA1324	0.463490981	0
ST7-AS1	JUN	0.443455209	0
ST7-AS1	C7	0.128675355	0.006975853
ST7-AS1	LGI3	0.614576744	0
ST7-AS1	CDON	0.571988301	0
ST7-AS1	BCL2	0.531860875	0
ST7-AS1	HLF	0.600553448	0
ST7-AS1	EGR1	0.390518471	0
ST7-AS1	IP6K3	0.509537838	0
ST7-AS1	SCUBE3	0.445839066	0
ST7-AS1	PKNOX2	0.543377766	0
ST7-AS1	SMAD9	0.425347288	0
ST7-AS1	IQGAP2	0.446972061	0
ST7-AS1	GNA14	0.505970776	0
ST7-AS1	LAYN	0.529282134	0
ST7-AS1	AVPR1A	0.544734297	0
ST7-AS1	PDLIM3	0.448686588	0
ST7-AS1	GPM6A	0.581796906	0
ST7-AS1	SDPR	0.508319031	0
ST7-AS1	CRYAB	0.433481506	0
ST7-AS1	FOXA2	0.482445493	5.66E-27
ST7-AS1	C8orf88	0.482122848	0
ST7-AS1	ISM1	0.373238879	4.97E-16
ST7-AS1	BMP2	0.413410559	0
ST7-AS1	ID4	0.597520403	0
ST7-AS1	NUPR1	0.47473824	0
ST7-AS1	SERTM1	0.472120195	9.41E-26
ST7-AS1	IRS1	0.492240658	0
ST7-AS1	FIBIN	0.261642559	2.98E-08
ST7-AS1	PODN	0.260537932	3.42E-08
ST7-AS1	TDRD9	0.398331853	0
ST7-AS1	EPHA3	0.293431239	4.41E-10
ST7-AS1	AIF1L	0.447935135	0
ST7-AS1	EBF4	0.606624787	0
ST7-AS1	ADM2	0.507150435	0
ST7-AS1	GSTM3	0.591370203	0
ST7-AS1	HSD17B6	0.418489605	0
ST7-AS1	AGR3	0.45218213	1.64E-23
ST7-AS1	EPHB1	0.479025976	0
ST7-AS1	TMOD1	0.381151405	3.25E-17

ST7-AS1	WASF3	0.488051924	0
ST7-AS1	SELV	0.590906602	1.12E-42
ST7-AS1	ENPP1	0.401829841	0
ST7-AS1	SYNE1	0.477870233	1.99E-26
ST7-AS1	PLCH1	0.494045677	0
ST7-AS1	CCDC146	0.609447346	0
ST7-AS1	SLC16A2	0.503961369	0
ST7-AS1	IER2	0.536658374	0
ST7-AS1	KCNAB1	0.517349234	0
ST7-AS1	SYNDIG1	0.509866475	0
ST7-AS1	C16orf89	0.628042903	0
ST7-AS1	CTGF	0.321029908	7.30E-12
ST7-AS1	NR4A3	0.280923757	2.46E-09
ST7-AS1	KIAA1456	0.587864841	0
ST7-AS1	AQP4	0.488295884	0
ST7-AS1	RNF150	0.504152991	0
ST7-AS1	C1S	0.093135508	0.051192701
ST7-AS1	PFKFB2	0.47611945	0
ST7-AS1	PROX1	0.480286483	0
ST7-AS1	TCF7L1	0.593743706	0
ST7-AS1	HSPB6	0.391841386	0
ST7-AS1	FHDC1	0.500092336	0
ST7-AS1	PRR15L	0.545350153	0
ST7-AS1	SLC1A1	0.431533657	0
ST7-AS1	BTBD11	0.646615482	0
ST7-AS1	TRIM58	0.345870128	1.20E-13
ST7-AS1	LRIG1	0.533265204	0
ST7-AS1	ROR2	0.386327468	0
ST7-AS1	GPR125	0.544579552	0
ST7-AS1	FLRT1	0.60744801	0
ST7-AS1	PGF	0.550437	0
ST7-AS1	DUSP1	0.359767189	9.27E-15
ST7-AS1	PLA2G7	0.433540085	0
ST7-AS1	PLSCR4	0.428042761	0
ST7-AS1	FAM46B	0.506296576	0
ST7-AS1	GLDC	0.416091423	0
ST7-AS1	ZBTB16	0.398406318	0
ST7-AS1	OMD	0.197416173	3.11E-05
ST7-AS1	HSD11B2	0.58838822	0
ST7-AS1	FGL2	0.180706746	0.00014421
ST7-AS1	CLCNKA	0.646042412	3.22E-53
ST7-AS1	GATM	0.520113498	0
ST7-AS1	TNS3	0.347729188	8.64E-14
ST7-AS1	TOB1	0.354968697	2.31E-14
ST7-AS1	MARC2	0.632491625	0
ST7-AS1	LRRC2	0.513392829	0
ST7-AS1	SORD	0.394795003	0
ST7-AS1	RIMS4	0.485027105	0
ST7-AS1	SLC29A4	0.596248408	0
ST7-AS1	SLC39A14	0.417977715	0
ST7-AS1	FAXDC2	0.568729877	0

ST7-AS1	HSPB8	0.330115427	1.71E-12
ST7-AS1	CCL19	0.051153907	0.284872425
ST7-AS1	KCNIP3	0.571006221	0
ST7-AS1	CGNL1	0.418703353	0
ST7-AS1	ATF3	0.22084864	3.16E-06
ST7-AS1	SGCD	0.313107595	2.48E-11
ST7-AS1	STARD13	0.440123739	0
ST7-AS1	LDHD	0.65139355	0
ST7-AS1	RCAN1	0.377039547	1.72E-16
ST7-AS1	ID3	0.418820936	0
ST7-AS1	SYTL3	0.60576341	0
ST7-AS1	MT1E	0.45475353	0
ST7-AS1	CAMK1D	0.467092084	0
ST7-AS1	PRKCQ	0.614932471	0
ST7-AS1	NUAK2	0.411265556	0
ST7-AS1	LIPG	0.451932105	0
ST7-AS1	SLC25A25	0.373871189	4.23E-16
ST7-AS1	PRKX	0.288227376	9.11E-10
ST7-AS1	SRPX	0.198328449	2.95E-05
ST7-AS1	FAM189A1	0.539264348	0
ST7-AS1	PLEKHH1	0.514396894	0
ST7-AS1	WNT11	0.538886068	0
ST7-AS1	SNAI1	0.386143789	0
ST7-AS1	FDCSP	0.043833361	0.359544782
ST7-AS1	MT1X	0.55112491	0
ST7-AS1	ACACB	0.555013375	0
ST7-AS1	ARC	0.308923967	4.65E-11
ST7-AS1	KLK4	0.273642839	5.59E-09
ST7-AS1	ZFPM2	0.332477724	1.16E-12
ST7-AS1	AKAP12	0.298747436	2.07E-10
ST7-AS1	GJB6	0.394216363	8.97E-18
ST7-AS1	ERO1LB	0.487625845	0
ST7-AS1	DNALI1	0.561344701	0
ST7-AS1	HKDC1	0.344275028	1.59E-13
ST7-AS1	ZFP36L2	0.428310266	0
ST7-AS1	CAPSL	0.541928934	7.10E-35
ST7-AS1	CYP7B1	0.317662836	1.23E-11
ST7-AS1	CPQ	0.434187855	0
ST7-AS1	RPS6KA6	0.51939114	1.07E-31
ST7-AS1	TLE1	0.502812347	0
ST7-AS1	TP53INP2	0.530402505	0
ST7-AS1	KATNAL2	0.61037028	0
ST7-AS1	SGPP2	0.168602223	0.000395143
ST7-AS1	CTH	0.476903809	0
ST7-AS1	KIF12	0.577428606	0
ST7-AS1	TMEM220	0.581815345	0
ST7-AS1	CENPJ	0.435271207	0
ST7-AS1	FAM155B	0.403469194	0
ST7-AS1	WFS1	0.540239052	0
ST7-AS1	SELENBP1	0.642745882	0
ST7-AS1	SNTA1	0.635117313	0

ST7-AS1	FRAS1	0.247438421	1.66E-07
ST7-AS1	FBLN7	0.493679879	0
ST7-AS1	AGPAT9	0.495944593	0
ST7-AS1	GPR83	0.502333079	0
ST7-AS1	PRTG	0.437032115	0
ST7-AS1	EGR3	0.214280021	6.22E-06
ST7-AS1	GRAMD2	0.45945231	0
ST7-AS1	HYOU1	0.326593611	3.02E-12
ST7-AS1	FBLN5	0.306765489	6.41E-11
ST7-AS1	ITM2A	0.432301988	0
ST7-AS1	SRF	0.5028149	0
ST7-AS1	FGFR2	0.457947134	0
ST7-AS1	MT1A	0.424887964	1.14E-20
ST7-AS1	MAMDC2	0.225293674	1.98E-06
ST7-AS1	FHL2	0.398434118	0
ST7-AS1	FTCDNL1	0.574251738	0
ST7-AS1	PKIA	0.376083848	2.30E-16
ST7-AS1	DNAJB4	0.365219408	3.09E-15
ST7-AS1	SLC25A33	0.636216835	0
ST7-AS1	EYA2	0.398021372	0
ST7-AS1	LPAR1	0.222724861	2.60E-06
ST7-AS1	STX11	0.285022992	1.41E-09
ST7-AS1	ARHGEF28	0.468233731	0
ST7-AS1	OR2W3	0.466299214	0
ST7-AS1	ALDH1B1	0.390723865	1.84E-17
ST7-AS1	CXCL12	0.196659026	3.45E-05
ST7-AS1	OLFM2	0.465182388	0
ST7-AS1	TUB	0.45796146	0
ST7-AS1	HTRA3	0.317396466	1.28E-11
ST7-AS1	CKB	0.598483477	0
ST7-AS1	RGS2	0.22556203	1.92E-06
ST7-AS1	SHANK2	0.49725999	0
ST7-AS1	CNTFR	0.448190505	4.44E-23
ST7-AS1	CYTH3	0.476959551	0
ST7-AS1	PLAC9	0.470685527	0
ST7-AS1	WVOX	0.629007537	0
ST7-AS1	NPR3	0.337083602	5.42E-13
ST7-AS1	SDC2	0.376866222	1.82E-16
ST7-AS1	KLF15	0.574564915	0
ST7-AS1	TMEM164	0.440921998	0
ST7-AS1	LONRF3	0.258152515	4.58E-08
ST7-AS1	GBP1	0.162967318	0.00061789
ST7-AS1	ARHGAP6	0.441230919	0
ST7-AS1	TMEM119	0.156254876	0.001033467
ST7-AS1	SH3RF1	0.38970461	0
ST7-AS1	CRELD2	0.548234837	0
ST7-AS1	PCP4	0.281305299	2.34E-09
ST7-AS1	GCSH	0.645614963	0
ST7-AS1	IMPA2	0.548966007	0
ST7-AS1	C1R	0.111226976	0.01979191
ST7-AS1	SUCNR1	0.28912946	8.04E-10

ST7-AS1	SFRP1	0.308926378	4.65E-11
ST7-AS1	UGT8	0.413968972	0
ST7-AS1	TLE4	0.247904073	1.57E-07
ST7-AS1	ANTXR1	0.230742064	1.10E-06
ST7-AS1	GPX3	0.441206807	0
ST7-AS1	DPY19L2	0.593417055	0
ST7-AS1	FAM46C	0.374836816	3.27E-16
ST7-AS1	IL33	0.182331497	0.000122221
ST7-AS1	PEG3	0.427279677	0
ST7-AS1	FAHD2A	0.731075523	0
ST7-AS1	PTGDS	0.185242981	9.72E-05
ST7-AS1	CHCHD10	0.577966311	0
ST7-AS1	CD36	0.466266024	0
ST7-AS1	ANKRD37	0.606625638	0
ST7-AS1	TSPAN33	0.495624608	0
ST7-AS1	PRDM16	0.498364192	0
ST7-AS1	UST	0.49764905	0
ST7-AS1	NEXN	0.416395096	0
ST7-AS1	NUPR1L	0.392525181	1.27E-17
ST7-AS1	SLC24A3	0.434237498	0
ST7-AS1	MARC1	0.501443335	0
ST7-AS1	MYH11	0.25400463	7.59E-08
ST7-AS1	APOA1	0.601899859	1.29E-44
ST7-AS1	TMEM178B	0.256568619	5.56E-08
ST7-AS1	CAPN6	0.200793154	2.25E-05
ST7-AS1	PPM1L	0.421763631	0
ST7-AS1	FZD8	0.560259789	0
ST7-AS1	RCAN2	0.463183336	0
ST7-AS1	COPZ2	0.582549352	0
ST7-AS1	GAS1	0.265540669	1.83E-08
ST7-AS1	DACT1	0.383346619	1.25E-18
ST7-AS1	WBSCR17	0.480244641	0
ST7-AS1	NCS1	0.446639169	0
ST7-AS1	SPIRE2	0.564889069	0
ST7-AS1	C15orf52	0.312094736	2.89E-11
ST7-AS1	SPAG5	0.491239004	0
ST7-AS1	ARL4D	0.448496243	0
ST7-AS1	FAM189A2	0.531211686	0
ST7-AS1	MAP1LC3A	0.66558861	0
ST7-AS1	KLF6	0.174074158	0.000252567
ST7-AS1	ADD3	0.321473432	6.81E-12
ST7-AS1	TSPAN7	0.449130822	0
ST7-AS1	KLF9	0.440150688	0
ST7-AS1	KCNQ1	0.603200839	0
ST7-AS1	MAN1A1	0.080548881	0.091863956
ST7-AS1	MLF1	0.457638639	0
ST7-AS1	RARB	0.516867272	0
ST7-AS1	CDC42EP2	0.514182295	0
ST7-AS1	FAM3B	0.308882834	4.68E-11
ST7-AS1	GADD45B	0.415468758	0
ST7-AS1	TMEM47	0.333672986	9.55E-13

ST7-AS1	SDF2L1	0.475554654	0
ST7-AS1	CCDC85A	0.252415061	9.19E-08
ST7-AS1	CRYBG3	0.024326486	0.611096779
ST7-AS1	FBLN2	0.089261227	0.061692765
ST7-AS1	PEBP4	0.420266966	0
ST7-AS1	CDADC1	0.611710357	0
ST7-AS1	FAM63A	0.431431676	0
ST7-AS1	GLUL	0.388070788	0
ST7-AS1	FREM2	0.394205811	0
ST7-AS1	ACKR3	0.455168829	0
ST7-AS1	DENND6A	0.523864948	0
ST7-AS1	CLDN8	0.192696664	4.98E-05
ST7-AS1	UTS2R	0.163387473	0.000588828
ST7-AS1	SCNN1B	0.572623022	0
ST7-AS1	TTC30A	0.439819214	0
ST7-AS1	CORO2B	0.477878372	0
ST7-AS1	TC2N	0.239692554	4.05E-07
ST7-AS1	ALDH2	0.567754179	0
ST7-AS1	GPR183	0.142484618	0.002792504
ST7-AS1	C4orf47	0.614243143	0
ST7-AS1	SLC25A42	0.601566733	0
ST7-AS1	LGMN	0.492001662	0
ST7-AS1	ACSF2	0.621969153	0
ST7-AS1	KIAA1467	0.45733071	0
ST7-AS1	PRKG1	0.482792887	0
ST7-AS1	GNAI1	0.468383227	0
ST7-AS1	ABCC4	0.22772845	1.52E-06
ST7-AS1	PRPS1	0.496177631	0
ST7-AS1	TSPAN5	0.356333028	1.79E-14
ST7-AS1	CR2	0.104985306	0.027842651
ST7-AS1	CCDC170	0.401767007	0
ST7-AS1	RRAD	0.215447624	5.52E-06
ST7-AS1	SCGB2A1	0.516698344	0
ST7-AS1	SESN3	0.206485077	1.35E-05
ST7-AS1	SGK223	0.201165759	2.26E-05
ST7-AS1	NDRG2	0.608125991	0
ST7-AS1	C3orf52	0.255378464	6.43E-08
ST7-AS1	FLRT3	-0.361867796	6.12E-15
ST7-AS1	MST1R	-0.533254425	0
ST7-AS1	SDC1	-0.380470445	4.68E-17
ST7-AS1	ST8SIA4	-0.549070967	0
ST7-AS1	UBTD1	-0.207689984	1.20E-05
ST7-AS1	EPHA2	-0.442550288	0
ST7-AS1	TMEM130	-0.309846759	4.05E-11
ST7-AS1	SPINK2	-0.361174213	7.03E-15
ST7-AS1	MMP16	-0.555575901	0
ST7-AS1	SIGLEC15	-0.449539029	0
ST7-AS1	RIN1	-0.417870628	0
ST7-AS1	IL1RN	-0.462778391	0
ST7-AS1	FCER1G	-0.314783684	1.92E-11
ST7-AS1	CD276	-0.548554821	0

ST7-AS1	CTSB	-0.392896513	0
ST7-AS1	FAM171A2	-0.242756378	2.86E-07
ST7-AS1	ASPHD1	-0.468462088	0
ST7-AS1	C15orf48	-0.286748015	1.12E-09
ST7-AS1	DYSF	-0.340072536	3.27E-13
ST7-AS1	PDZRN4	-0.158573204	0.000867183
ST7-AS1	EFHD2	-0.260395102	3.48E-08
ST7-AS1	ASF1B	-0.414288389	0
ST7-AS1	AQP1	-0.193240042	4.74E-05
ST7-AS1	ARRDC2	-0.283104786	1.83E-09
ST7-AS1	PRSS1	-0.341477986	1.89E-13
ST7-AS1	MAPK13	-0.628055668	0
ST7-AS1	CST5	-0.472961047	7.51E-26
ST7-AS1	AHR	-0.555851065	0
ST7-AS1	BAX	-0.330284922	1.67E-12
ST7-AS1	C1orf115	-0.220202997	3.38E-06
ST7-AS1	PLK3	-0.355357614	2.15E-14
ST7-AS1	JAG2	-0.294990738	3.54E-10
ST7-AS1	RAD23B	-0.524798095	0
ST7-AS1	CA12	-0.062424507	0.191650441
ST7-AS1	ADTRP	-0.279088384	3.15E-09
ST7-AS1	UCP2	-0.264243852	2.15E-08
ST7-AS1	IGFBP2	-0.152691501	0.001347158
ST7-AS1	LOXL2	-0.342530857	2.14E-13
ST7-AS1	GPX1	-0.308749649	4.77E-11
ST7-AS1	P3H3	-0.326842819	2.90E-12
ST7-AS1	C2orf81	-0.250001986	1.23E-07
ST7-AS1	CDT1	-0.372802588	5.55E-16
ST7-AS1	SNX25	-0.369387292	1.25E-15
ST7-AS1	MTHFD1L	-0.521446909	0
ST7-AS1	CDC42BPG	-0.568697984	5.62E-39
ST7-AS1	MSN	-0.609135304	0
ST7-AS1	SIGLEC6	-0.433435805	1.56E-21
ST7-AS1	F2R	-0.372449556	6.06E-16
ST7-AS1	TMEM184A	-0.489340514	0
ST7-AS1	CKS2	-0.293248269	4.52E-10
ST7-AS1	TAX1BP3	-0.406988174	0
ST7-AS1	PMEPA1	-0.465047359	0
ST7-AS1	CXCL16	-0.531432527	0
ST7-AS1	FAXC	-0.584955052	0
ST7-AS1	VTCN1	-0.488799491	9.57E-28
ST7-AS1	SH2D4A	-0.560256527	0
ST7-AS1	RNF24	-0.559078995	0
ST7-AS1	LY6G6C	-0.375337564	3.91E-16
ST7-AS1	NID1	-0.510614665	0
ST7-AS1	STAC	-0.604170721	0
ST7-AS1	RAB34	-0.340607545	2.98E-13
ST7-AS1	HES4	-0.141335737	0.003022821
ST7-AS1	EPHA10	-0.489927011	0
ST7-AS1	ENTPD2	-0.371262237	8.08E-16
ST7-AS1	DDB2	-0.400094605	0

ST7-AS1	NKAIN4	-0.272486291	7.50E-09
ST7-AS1	TRIM29	-0.428403878	0
ST7-AS1	ADCY8	-0.491536424	4.40E-28
ST7-AS1	SFTA2	-0.297878968	2.34E-10
ST7-AS1	NRIP1	-0.580916381	0
ST7-AS1	VWA1	-0.107828133	0.023899622
ST7-AS1	APLNR	-0.237940298	4.94E-07
ST7-AS1	REN	-0.359967434	7.08E-15
ST7-AS1	EDIL3	-0.37805198	1.24E-16
ST7-AS1	AGR	-0.452545977	0
ST7-AS1	TREM1	-0.454312842	0
ST7-AS1	SRL	-0.463644732	0
ST7-AS1	RASGRF1	-0.484628259	0
ST7-AS1	RMI2	-0.392384339	0
ST7-AS1	SAMD1	-0.306919241	6.27E-11
ST7-AS1	MGAT4B	-0.52053518	0
ST7-AS1	NXN	-0.47193341	0
ST7-AS1	SH3BGRL3	-0.371839089	7.04E-16
ST7-AS1	CA11	-0.195231719	3.94E-05
ST7-AS1	PLD3	-0.30501068	8.31E-11
ST7-AS1	LURAP1L	-0.44589963	0
ST7-AS1	CARNS1	-0.231721023	9.87E-07
ST7-AS1	PDLIM7	-0.332684665	1.12E-12
ST7-AS1	BCL2L1	-0.526640559	0
ST7-AS1	GGT6	-0.251922177	9.75E-08
ST7-AS1	DPYSL3	-0.418348619	0
ST7-AS1	FYN	-0.462278557	0
ST7-AS1	TK1	-0.329493329	1.89E-12
ST7-AS1	AK1	-0.174884474	0.000236102
ST7-AS1	HIGD1B	-0.094826491	0.047101811
ST7-AS1	TMEM59L	-0.350039573	5.71E-14
ST7-AS1	MEGF9	-0.512185228	0
ST7-AS1	ZFP36L1	-0.412307208	0
ST7-AS1	ADRA1B	-0.378767123	9.60E-17
ST7-AS1	EPHA4	-0.559850589	0
ST7-AS1	TCERG1L	-0.192422351	5.11E-05
ST7-AS1	NGFR	-0.198199519	2.99E-05
ST7-AS1	EBI3	-0.449076073	0
ST7-AS1	S100A10	-0.414869779	0
ST7-AS1	S100B	-0.27818474	3.55E-09
ST7-AS1	CD44	-0.349750225	6.02E-14
ST7-AS1	BHLHE41	-0.400593305	0
ST7-AS1	FBXO2	-0.264460721	2.09E-08
ST7-AS1	SLC30A2	-0.273530071	6.55E-09
ST7-AS1	FRMD5	-0.486850989	0
ST7-AS1	SAMD11	-0.223624251	2.36E-06
ST7-AS1	SIP1L2	-0.522292542	0
ST7-AS1	S100A16	-0.415876965	0
ST7-AS1	PPL	-0.582153768	0
ST7-AS1	ARHGD1B	-0.251492978	1.03E-07
ST7-AS1	CDC42EP3	-0.528927683	0

ST7-AS1	RUNX2	-0.455592638	0
ST7-AS1	LAMC2	-0.557919334	0
ST7-AS1	BRINP1	-0.424019409	0
ST7-AS1	GPRC5B	-0.520300723	0
ST7-AS1	AQP5	-0.140514216	0.003197966
ST7-AS1	PLAG1	-0.430563065	0
ST7-AS1	PTPRU	-0.481311965	0
ST7-AS1	ANGPTL4	-0.354868134	2.36E-14
ST7-AS1	PALM3	-0.233814256	7.84E-07
ST7-AS1	ACP5	-0.309783783	4.09E-11
ST7-AS1	DLG4	-0.311592491	3.12E-11
ST7-AS1	ETNK2	-0.307841749	5.47E-11
ST7-AS1	CD109	-0.571780368	0
ST7-AS1	SNX22	-0.191035326	5.79E-05
ST7-AS1	TMEM98	-0.379500705	7.22E-17
ST7-AS1	CTHRC1	-0.33844226	4.31E-13
ST7-AS1	S100A2	-0.305151525	8.14E-11
ST7-AS1	C11orf80	-0.448546879	0
ST7-AS1	SREBF1	-0.403095454	0
ST7-AS1	PRSS22	-0.422151698	0
ST7-AS1	CMTM3	-0.472044327	0
ST7-AS1	RDH5	-0.357928837	1.32E-14
ST7-AS1	MYH10	-0.616295101	0
ST7-AS1	EVPL	-0.496569385	0
ST7-AS1	SCD	-0.51330645	0
ST7-AS1	CD151	-0.384855908	0
ST7-AS1	S100A4	-0.336574974	5.90E-13
ST7-AS1	BNIP1	-0.289780493	7.34E-10
ST7-AS1	MAP3K6	-0.405202728	0
ST7-AS1	MANEAL	-0.468008919	0
ST7-AS1	CD207	-0.311756534	2.38E-11
ST7-AS1	CD1A	-0.334111022	6.57E-13
ST7-AS1	C3	-0.392855096	0
ST7-AS1	NT5E	-0.477459669	0
ST7-AS1	CACNG4	-0.499589878	4.29E-29
ST7-AS1	FHOD1	-0.333778938	9.39E-13
ST7-AS1	LEMD1	-0.454838206	0
ST7-AS1	ATP11A	-0.463955781	0
ST7-AS1	PPAP2C	-0.34495613	1.41E-13
ST7-AS1	DRAM1	-0.578034393	0
ST7-AS1	CDA	-0.236744185	5.66E-07
ST7-AS1	CCND2	-0.403403666	0
ST7-AS1	LCN6	-0.147480765	0.001946912
ST7-AS1	CDH4	-0.396117918	0
ST7-AS1	MMP11	-0.435888907	0
ST7-AS1	B3GAT1	-0.387847536	0
ST7-AS1	SPP1	-0.301603894	1.37E-10
ST7-AS1	HLA-DQB1	-0.285639274	1.30E-09
ST7-AS1	SDC3	-0.558281445	0
ST7-AS1	CX3CL1	-0.408007841	0
ST7-AS1	SDK1	-0.438096461	0

ST7-AS1	DOCK9	-0.616955069	0
ST7-AS1	CSF2	-0.510236379	1.80E-30
ST7-AS1	GRHL3	-0.621723491	0
ST7-AS1	TMEM92	-0.526915226	9.88E-33
ST7-AS1	BASP1	-0.451036404	0
ST7-AS1	HRH1	-0.604430425	0
ST7-AS1	ESM1	-0.135532187	0.004472492
ST7-AS1	B4GALNT3	-0.434320756	0
ST7-AS1	LMO3	-0.306669466	6.51E-11
ST7-AS1	C9orf16	-0.331743434	1.31E-12
ST7-AS1	SEMA3F	-0.326426527	3.10E-12
ST7-AS1	PLA2G12B	-0.275066115	4.62E-09
ST7-AS1	KLK6	-0.392877948	1.18E-17
ST7-AS1	ST3GAL5	-0.377153726	1.66E-16
ST7-AS1	FAM132B	-0.20825024	1.14E-05
ST7-AS1	CDKN1A	-0.299785259	1.78E-10
ST7-AS1	E2F1	-0.382738279	8.00E-18
ST7-AS1	B3GNT8	-0.355050253	2.28E-14
ST7-AS1	MTMR11	-0.58092631	0
ST7-AS1	MYO1G	-0.415861505	0
ST7-AS1	TMSB10	-0.334542022	8.27E-13
ST7-AS1	UNC5CL	-0.483007061	0
ST7-AS1	ABR	-0.634368413	0
ST7-AS1	PLP2	-0.462327065	0
ST7-AS1	SRCIN1	-0.406956402	0
ST7-AS1	PDE9A	-0.399310955	0
ST7-AS1	TREM2	-0.300532882	1.60E-10
ST7-AS1	KDEL3	-0.540245293	0
ST7-AS1	PC	-0.410232414	0
ST7-AS1	C2CD4A	-0.47544161	0
ST7-AS1	PELI1	-0.488673454	0
ST7-AS1	SSX1	-0.348221079	7.91E-14
ST7-AS1	MROH6	-0.44614898	0
ST7-AS1	ESPN	-0.361188964	7.01E-15
ST7-AS1	BMP1	-0.399798449	0
ST7-AS1	TM4SF4	-0.454966892	8.16E-24
ST7-AS1	CORO2A	-0.582785653	0
ST7-AS1	CD164L2	-0.298636459	1.71E-10
ST7-AS1	CTSS	-0.483956377	0
ST7-AS1	CLU	-0.371816537	7.08E-16
ST7-AS1	TMSB4X	-0.425409413	0
ST7-AS1	WNT10A	-0.389013381	2.60E-17
ST7-AS1	NAPSA	-0.363597217	4.32E-15
ST7-AS1	PLEKHA4	-0.332417018	1.18E-12
ST7-AS1	SFTPA1	-0.185923604	8.90E-05
ST7-AS1	C1orf116	-0.491069083	0
ST7-AS1	TM4SF1	-0.383619372	0
ST7-AS1	SEL1L3	-0.535624523	0
ST7-AS1	VASN	-0.417567096	0
ST7-AS1	NPTXR	-0.546573782	0
ST7-AS1	PDE4C	-0.458870352	0

ST7-AS1	CDC42EP1	-0.436831273	0
ST7-AS1	ENDOD1	-0.556511743	0
ST7-AS1	RYR1	-0.471118414	0
ST7-AS1	IL1RAP	-0.621500523	0
ST7-AS1	SLC35F2	-0.562909468	4.66E-38
ST7-AS1	ISYNA1	-0.288329215	8.98E-10
ST7-AS1	HLA-G	-0.430312439	0
ST7-AS1	CDKN2B	-0.540187282	0
ST7-AS1	ALDH1A3	-0.558153366	0
ST7-AS1	CLIP3	-0.493214795	0
ST7-AS1	ULBP2	-0.528220625	0
ST7-AS1	ETHE1	-0.445511564	0
ST7-AS1	XPR1	-0.660619346	0
ST7-AS1	SPTBN2	-0.613912379	0
ST7-AS1	IVL	-0.533472297	1.18E-33
ST7-AS1	MARCO	-0.379596303	6.94E-17
ST7-AS1	PLXND1	-0.37833835	1.12E-16
ST7-AS1	EMILIN2	-0.485106108	0
ST7-AS1	PLAUR	-0.454520633	0
ST7-AS1	CDC42EP5	-0.356122825	1.86E-14
ST7-AS1	TRPC5	-0.357207317	1.17E-14
ST7-AS1	TMEM100	-0.405866667	0
ST7-AS1	QSOX1	-0.54482876	0
ST7-AS1	ARHGAP23	-0.518538113	0
ST7-AS1	MDFI	-0.379192777	8.16E-17
ST7-AS1	FSTL3	-0.386581924	0
ST7-AS1	INF2	-0.377243509	1.62E-16
ST7-AS1	TGFBR1	-0.531431534	0
ST7-AS1	TGFBI	-0.342073432	2.32E-13
ST7-AS1	ERBB3	-0.511899001	0
ST7-AS1	CCL18	-0.36039269	8.20E-15
ST7-AS1	CCL17	-0.332404619	8.74E-13
ST7-AS1	C16orf45	-0.415038424	0
ST7-AS1	PRDM1	-0.35640111	1.77E-14
ST7-AS1	TRIM47	-0.485746929	0
ST7-AS1	CNFN	-0.289986157	7.14E-10
ST7-AS1	ARMCX3	-0.35379542	2.88E-14
ST7-AS1	RAMP1	-0.23313287	8.45E-07
ST7-AS1	GABRD	-0.129720552	0.006527173
ST7-AS1	COL13A1	-0.197572316	3.17E-05
ST7-AS1	S100A5	-0.346919014	9.97E-14
ST7-AS1	MISP	-0.421758383	0
ST7-AS1	HES6	-0.263994077	2.22E-08
ST7-AS1	PSD3	-0.633512426	0
ST7-AS1	DOK7	-0.42608243	0
ST7-AS1	ZMAT3	-0.662272883	0
ST7-AS1	MFAP2	-0.327876386	2.46E-12
ST7-AS1	TMEM79	-0.487973346	0
ST7-AS1	SLC1A5	-0.329687646	1.84E-12
ST7-AS1	BBC3	-0.432725372	0
ST7-AS1	HLA-DQB2	-0.287289407	1.04E-09

ST7-AS1	C1QL1	-0.326149519	3.25E-12
ST7-AS1	TMEM215	-0.320278617	6.27E-12
ST7-AS1	PNP	-0.413535376	0
ST7-AS1	ARNTL	-0.49868361	0
ST7-AS1	CLDN2	-0.289512644	6.35E-10
ST7-AS1	MVP	-0.501177106	0
ST7-AS1	LGALS1	-0.392054142	0
ST7-AS1	BIRC7	-0.378793915	1.99E-16
ST7-AS1	COL8A1	-0.617573621	0
ST7-AS1	PERP	-0.54793088	0
ST7-AS1	GJA4	-0.301419932	1.41E-10
ST7-AS1	IGFL2	-0.45510498	7.88E-24
ST7-AS1	DAPK2	-0.376230934	2.20E-16
ST7-AS1	MAMLD1	-0.59685618	0
ST7-AS1	ETV5	-0.441591328	0
ST7-AS1	RUNX1	-0.631904419	0
ST7-AS1	LONRF2	-0.354879765	2.35E-14
ST7-AS1	SPOCK1	-0.26383139	2.27E-08
ST7-AS1	XKRX	-0.45069869	0
ST7-AS1	TGFB1	-0.354629138	2.47E-14
ST7-AS1	ERP27	-0.237640312	5.11E-07
ST7-AS1	TNFRSF10C	-0.559461104	0
ST7-AS1	PALM	-0.382409359	1.22E-17
ST7-AS1	TSC22D1	-0.352759583	3.48E-14
ST7-AS1	TGM2	-0.55015829	0
ST7-AS1	UBE2QL1	-0.248583473	1.45E-07
ST7-AS1	ECE1	-0.569151133	0
ST7-AS1	COL8A2	-0.521618957	0
ST7-AS1	HIST3H2A	-0.366302051	2.46E-15
ST7-AS1	TNFRSF21	-0.567150095	0
ST7-AS1	SOX4	-0.536653835	0
ST7-AS1	ELF3	-0.446608674	0
ST7-AS1	TPD52L1	-0.407127174	0
ST7-AS1	INHBB	-0.406343382	0
ST7-AS1	HPN	-0.270630778	9.54E-09
ST7-AS1	MMP7	-0.409694956	3.38E-19
ST7-AS1	RAB27A	-0.563440061	0
ST7-AS1	IGF2BP2	-0.52713245	0
ST7-AS1	ITGB4	-0.527796532	0
ST7-AS1	PPP1R1B	-0.374973122	3.15E-16
ST7-AS1	NPDC1	-0.239395689	4.19E-07
ST7-AS1	CCL13	-0.470258268	1.55E-25
ST7-AS1	SPINT1	-0.513971667	0
ST7-AS1	HEY2	-0.369920741	1.11E-15
ST7-AS1	CST2	-0.476827327	2.64E-26
ST7-AS1	ADM	-0.353194456	3.22E-14
ST7-AS1	VSTM2L	-0.389611707	0
ST7-AS1	FAM84A	-0.57489809	0
ST7-AS1	P4HA2	-0.512431599	0
ST7-AS1	LPL	-0.462798248	0
ST7-AS1	TMEM173	-0.450486076	0

ST7-AS1	DHRS3	-0.320072082	8.48E-12
ST7-AS1	SCN1B	-0.408065143	0
ST7-AS1	GLT1D1	-0.370853321	8.90E-16
ST7-AS1	PHYHIP	-0.391106103	0
ST7-AS1	BHLHE40	-0.467817864	0
ST7-AS1	BID	-0.426925794	0
ST7-AS1	POSTN	-0.381990514	1.82E-17
ST7-AS1	ITGA3	-0.631609681	0
ST7-AS1	RSP04	-0.474404213	0
ST7-AS1	ADAMTS9	-0.31255599	2.69E-11
ST7-AS1	ABTB2	-0.625279916	0
ST7-AS1	KCNQ3	-0.662425784	0
ST7-AS1	ANXA1	-0.42203454	0
ST7-AS1	S100A11	-0.495925445	0
ST7-AS1	CEACAM6	-0.524423323	2.19E-32
ST7-AS1	IER5L	-0.391710471	0
ST7-AS1	KRT80	-0.485985499	0
ST7-AS1	CDH6	-0.587625845	0
ST7-AS1	UNC5B	-0.543181889	0
ST7-AS1	PLEKHN1	-0.536547741	0
ST7-AS1	SYTL1	-0.347604655	8.83E-14
ST7-AS1	TMEM163	-0.486826735	0
ST7-AS1	C4orf48	-0.166942871	0.000451399
ST7-AS1	B3GNT7	-0.406873995	0
ST7-AS1	BAIAP3	-0.377530729	1.47E-16
ST7-AS1	PHLDA2	-0.438425948	0
ST7-AS1	GAP43	-0.466732042	3.93E-25
ST7-AS1	S100A1	-0.3710092	8.58E-16
ST7-AS1	PTPRE	-0.64971122	0
ST7-AS1	CCND1	-0.636034149	0
ST7-AS1	ST6GALNAC5	-0.548554076	7.42E-36
ST7-AS1	KRT17	-0.201926006	2.10E-05
ST7-AS1	HPCAL4	-0.341823231	2.42E-13
ST7-AS1	GABBR2	-0.300196303	1.68E-10
ST7-AS1	DIRAS3	-0.313658774	2.28E-11
ST7-AS1	SERINC2	-0.404582332	0
ST7-AS1	PTCHD4	-0.538488782	0
ST7-AS1	EPS8	-0.560963727	0
ST7-AS1	LY6E	-0.370674038	9.28E-16
ST7-AS1	UPP1	-0.441664799	0
ST7-AS1	AHNAK2	-0.616337368	0
ST7-AS1	PLXNC1	-0.471527898	0
ST7-AS1	TNC	-0.52520843	0
ST7-AS1	DUSP4	-0.498489435	0
ST7-AS1	NRCAM	-0.606376997	0
ST7-AS1	NRP2	-0.50538584	0
ST7-AS1	CTSC	-0.530243648	0
ST7-AS1	AMIGO2	-0.47566316	0
ST7-AS1	NAB2	-0.387342171	0
ST7-AS1	TBC1D2	-0.583194428	0
ST7-AS1	PHLDA3	-0.430314141	0

ST7-AS1	PTP4A3	-0.338480697	4.28E-13
ST7-AS1	CRABP2	-0.259722226	3.78E-08
ST7-AS1	GOS2	-0.359655988	9.47E-15
ST7-AS1	S100A6	-0.437758179	0
ST7-AS1	FOXQ1	-0.453810313	0
ST7-AS1	LRG1	-0.461810636	0
ST7-AS1	LAMP5	-0.375687839	2.58E-16
ST7-AS1	ALDH3B1	-0.531860449	0
ST7-AS1	CDH2	-0.190700732	5.97E-05
ST7-AS1	SCG5	-0.261985663	2.85E-08
ST7-AS1	ZCCHC16	-0.300277582	1.34E-10
ST7-AS1	GRB7	-0.473077327	0
ST7-AS1	TIAM1	-0.5256416	0
ST7-AS1	FXD5	-0.353106801	3.27E-14
ST7-AS1	CLDN9	-0.365009347	3.22E-15
ST7-AS1	FAM43A	-0.415164517	0
ST7-AS1	CHST2	-0.482737854	0
ST7-AS1	HMGA2	-0.493605982	0
ST7-AS1	GALNT7	-0.595292	0
ST7-AS1	CBLN1	-0.380656252	4.26E-17
ST7-AS1	STRA6	-0.482224545	0
ST7-AS1	MUC21	-0.533539559	1.15E-33
ST7-AS1	PRR36	-0.450026382	0
ST7-AS1	NFE2L3	-0.561853896	0
ST7-AS1	NR1D1	-0.301271428	1.44E-10
ST7-AS1	MUC1	-0.455663131	0
ST7-AS1	NAT8L	-0.292895662	4.75E-10
ST7-AS1	APOC1	-0.203481818	1.81E-05
ST7-AS1	EVA1A	-0.534029139	0
ST7-AS1	ENTPD1	-0.412419259	0
ST7-AS1	COL1A1	-0.424316416	0
ST7-AS1	FNDC4	-0.453044392	0
ST7-AS1	FRMD3	-0.303173889	1.09E-10
ST7-AS1	SHROOM4	-0.613232553	0
ST7-AS1	NELL2	-0.326672189	2.98E-12
ST7-AS1	EPHB3	-0.612434152	0
ST7-AS1	TMC6	-0.510151142	0
ST7-AS1	NOD1	-0.436055992	0
ST7-AS1	GGCT	-0.403120417	0
ST7-AS1	ICAM1	-0.583362788	0
ST7-AS1	PRSS23	-0.523450217	0
ST7-AS1	CFI	-0.519314955	0
ST7-AS1	CD55	-0.549608246	0
ST7-AS1	RASD2	-0.487369403	0
ST7-AS1	KLK11	-0.328253481	1.73E-12
ST7-AS1	ICAM5	-0.418318549	0
ST7-AS1	ADORA1	-0.467719145	0
ST7-AS1	ITGA2	-0.646855471	0
ST7-AS1	ABCC3	-0.424181103	0
ST7-AS1	MFGE8	-0.506657551	0
ST7-AS1	STK32A	-0.493753776	0

ST7-AS1	CYSLTR2	-0.471440952	0
ST7-AS1	LAD1	-0.492017974	0
ST7-AS1	MGAT3	-0.50659103	0
ST7-AS1	IGFBP6	-0.299557752	1.84E-10
ST7-AS1	CYP2S1	-0.574096427	0
ST7-AS1	KCNJ2	-0.487335646	0
ST7-AS1	FAM20A	-0.458502852	0
ST7-AS1	TGFA	-0.556901795	0
ST7-AS1	MXRA8	-0.400820528	0
ST7-AS1	C8orf4	-0.423242851	0
ST7-AS1	CLDN10	-0.492973958	2.92E-28
ST7-AS1	PDE5A	-0.578508129	0
ST7-AS1	APOE	-0.209796265	9.75E-06
ST7-AS1	SPOCK2	-0.490342452	0
ST7-AS1	TENM1	-0.298171294	2.25E-10
ST7-AS1	SLIT1	-0.336320518	6.15E-13
ST7-AS1	CXCL14	-0.293841148	4.16E-10
ST7-AS1	ECM1	-0.308278182	5.12E-11
ST7-AS1	DUSP5	-0.470229237	0
ST7-AS1	SEZ6L2	-0.486319809	0
ST7-AS1	THRSP	-0.306128924	7.05E-11
ST7-AS1	C19orf33	-0.413869969	0
ST7-AS1	MPZL2	-0.591273754	0
ST7-AS1	CTSH	-0.430898652	0
ST7-AS1	CYP1B1	-0.545774956	0
ST7-AS1	ALOX5	-0.515132745	0
ST7-AS1	SYTL5	-0.579988078	8.03E-41
ST7-AS1	TNFRSF12A	-0.38135097	2.88E-17
ST7-AS1	DUSP6	-0.494823512	0
ST7-AS1	ALOX15B	-0.485363968	0
ST7-AS1	SDC4	-0.466349282	0
ST7-AS1	MDK	-0.393973908	0
ST7-AS1	KRT19	-0.481233671	0
ST7-AS1	MET	-0.649261312	0
ST7-AS1	TESC	-0.238637427	4.57E-07
ST7-AS1	CXCL17	-0.435542982	9.50E-22
ST7-AS1	NPC2	-0.335603248	6.94E-13
ST7-AS1	COMP	-0.391205814	0
ST7-AS1	TUSC3	-0.505736177	0
ST7-AS1	TMPRSS4	-0.56982259	0
ST7-AS1	LGALS3	-0.455472928	0
ST7-AS1	CRLF1	-0.388899117	0
ST7-AS1	CTXN1	-0.390901148	0
ST7-AS1	PCSK1N	-0.299516619	1.85E-10
ST7-AS1	NMU	-0.401635439	1.90E-18
ST7-AS1	GALE	-0.411896448	0
ST7-AS1	PCSK2	-0.303806058	9.92E-11
ST7-AS1	GJB3	-0.528781733	0
ST7-AS1	SLPI	-0.478317358	0
ST7-AS1	AGR2	-0.371883767	6.96E-16
ST7-AS1	MRC2	-0.497158009	0

ST7-AS1	GOLT1A	-0.337040483	5.45E-13
ST7-AS1	SLC27A6	-0.523348325	3.08E-32
ST7-AS1	KCNN4	-0.515343657	0
ST7-AS1	ETV4	-0.346157644	8.39E-14
ST7-AS1	SYT12	-0.465709881	0
ST7-AS1	PVRL4	-0.553974702	0
ST7-AS1	PLCD3	-0.478003472	0
ST7-AS1	PLAU	-0.565549321	0
ST7-AS1	LRRK2	-0.43946065	0
ST7-AS1	SFN	-0.438741678	0
ST7-AS1	LPAR5	-0.511303001	0
ST7-AS1	NGEF	-0.513367299	0
ST7-AS1	DTX4	-0.552360879	0
ST7-AS1	CST6	-0.413778343	0
ST7-AS1	QPCT	-0.442714252	0
ST7-AS1	TIMP1	-0.401039099	0
ST7-AS1	CAMK2N1	-0.484855057	0
ST7-AS1	KLHDC8A	-0.352424564	3.70E-14
ST7-AS1	PDLIM4	-0.436893398	0
ST7-AS1	SCEL	-0.58532397	0
ST7-AS1	LCN2	-0.527463356	0
ST7-AS1	PROS1	-0.582406097	0
ST7-AS1	GABRB2	-0.588863658	0
ST7-AS1	TMPRSS6	-0.465174587	0
ST7-AS1	KLK7	-0.404539733	1.03E-18
ST7-AS1	PDZK1IP1	-0.481827969	0
ST7-AS1	CDH3	-0.536477673	0
ST7-AS1	LRP4	-0.470003716	0
ST7-AS1	IGSF1	-0.420748219	0
ST7-AS1	B3GNT3	-0.585598425	0
ST7-AS1	CLDN1	-0.64340897	0
ST7-AS1	GDF15	-0.449860716	0
ST7-AS1	ARHGAP36	-0.376221755	3.29E-16
ST7-AS1	LAMB3	-0.576794169	0
ST7-AS1	KLK10	-0.419392965	0
ST7-AS1	DPP4	-0.582405955	0
ST7-AS1	METTL7B	-0.423707084	0
ST7-AS1	LIPH	-0.642455967	0
ST7-AS1	CLDN16	-0.595140234	0
ST7-AS1	CHI3L1	-0.443040903	0
ST7-AS1	SLC22A31	-0.418314939	5.04E-20
ST7-AS1	TACSTD2	-0.488464953	0
ST7-AS1	SFTPB	-0.464715319	0
ST7-AS1	RXRG	-0.314460296	2.02E-11
ST7-AS1	DCSTAMP	-0.511846305	1.10E-30
ST7-AS1	CITED1	-0.319996199	8.58E-12
ST7-AS1	SERPINA1	-0.508687666	0
ST7-AS1	PRR15	-0.425272398	0
ST7-AS1	SLC34A2	-0.545377953	0
ST7-AS1	FN1	-0.677974112	0
ST7-AS1	ZCCHC12	-0.331663438	1.33E-12

ATP6VOE2-AS1	TFF3	0.68358221	0
ATP6VOE2-AS1	CCL21	0.460971336	1.76E-24
ATP6VOE2-AS1	TPO	0.662627902	0
ATP6VOE2-AS1	MT1G	0.628856906	0
ATP6VOE2-AS1	DI01	0.631584576	0
ATP6VOE2-AS1	DPT	0.418880727	4.44E-20
ATP6VOE2-AS1	CDH16	0.670386251	0
ATP6VOE2-AS1	CRABP1	0.571122649	2.29E-39
ATP6VOE2-AS1	SLC26A7	0.618583501	0
ATP6VOE2-AS1	MT1H	0.616330647	2.81E-47
ATP6VOE2-AS1	SLC26A4	0.642140521	0
ATP6VOE2-AS1	SLC5A8	0.653569009	7.88E-55
ATP6VOE2-AS1	PKHD1L1	0.597959388	6.53E-44
ATP6VOE2-AS1	TFCP2L1	0.66393947	0
ATP6VOE2-AS1	WSCD2	0.639551236	7.28E-52
ATP6VOE2-AS1	IPCEF1	0.599913338	0
ATP6VOE2-AS1	SLC5A5	0.565302235	1.95E-38
ATP6VOE2-AS1	MT1F	0.660806571	0
ATP6VOE2-AS1	FOSB	0.294004544	4.06E-10
ATP6VOE2-AS1	SEMA3D	0.597224552	8.82E-44
ATP6VOE2-AS1	BMP8A	0.579616586	0
ATP6VOE2-AS1	MATN2	0.686948715	0
ATP6VOE2-AS1	PLA2R1	0.606262251	0
ATP6VOE2-AS1	COL23A1	0.717688367	0
ATP6VOE2-AS1	HGD	0.681454086	0
ATP6VOE2-AS1	TCEAL2	0.556849173	0
ATP6VOE2-AS1	CHRD1	0.352994053	2.50E-14
ATP6VOE2-AS1	TNFRSF11B	0.507660765	0
ATP6VOE2-AS1	FAM167A	0.642120096	0
ATP6VOE2-AS1	KIT	0.584665137	0
ATP6VOE2-AS1	SLC4A4	0.67366822	0
ATP6VOE2-AS1	SMOC2	0.463288721	0
ATP6VOE2-AS1	FHL1	0.629564106	0
ATP6VOE2-AS1	OTOS	0.658810923	0
ATP6VOE2-AS1	IGFBPL1	0.659798344	3.37E-56
ATP6VOE2-AS1	HBB	0.307247736	5.97E-11
ATP6VOE2-AS1	BEX1	0.573216043	0
ATP6VOE2-AS1	FABP4	0.541181637	9.13E-35
ATP6VOE2-AS1	LMOD1	0.592626313	0
ATP6VOE2-AS1	SOD3	0.640552654	0
ATP6VOE2-AS1	TMEM171	0.626318589	0
ATP6VOE2-AS1	PI16	0.413734515	0
ATP6VOE2-AS1	ZMAT4	0.674895813	1.17E-59
ATP6VOE2-AS1	MFAP4	0.305838584	7.36E-11
ATP6VOE2-AS1	CWH43	0.61900946	8.69E-48
ATP6VOE2-AS1	SPX	0.636851556	0
ATP6VOE2-AS1	APOD	0.250331899	1.18E-07
ATP6VOE2-AS1	DPP6	0.665077854	0
ATP6VOE2-AS1	MMRN1	0.447087091	0
ATP6VOE2-AS1	WDR72	0.61250734	0
ATP6VOE2-AS1	MPPED2	0.687054951	0

ATP6VOE2-AS1	PAPSS2	0.494734155	0
ATP6VOE2-AS1	DCN	0.24094143	3.52E-07
ATP6VOE2-AS1	SORBS2	0.626742966	0
ATP6VOE2-AS1	EGR2	0.287634497	9.88E-10
ATP6VOE2-AS1	EDN3	0.439908081	3.35E-22
ATP6VOE2-AS1	DIO2	0.608826099	0
ATP6VOE2-AS1	ITPR1	0.613197236	0
ATP6VOE2-AS1	CFD	0.403785491	0
ATP6VOE2-AS1	CPXM1	0.463738061	0
ATP6VOE2-AS1	ELM01	0.627963332	0
ATP6VOE2-AS1	GPC3	0.495726394	1.32E-28
ATP6VOE2-AS1	MYOC	0.275372603	4.44E-09
ATP6VOE2-AS1	DEPTOR	0.571272024	0
ATP6VOE2-AS1	DGKI	0.56622404	0
ATP6VOE2-AS1	CARTPT	0.584315313	1.51E-41
ATP6VOE2-AS1	IYD	0.492890414	0
ATP6VOE2-AS1	LYVE1	0.372792943	5.57E-16
ATP6VOE2-AS1	CLCNKB	0.665981215	0
ATP6VOE2-AS1	NCAM1	0.573169805	0
ATP6VOE2-AS1	HBA2	0.319490266	9.28E-12
ATP6VOE2-AS1	GLT8D2	0.540057926	0
ATP6VOE2-AS1	OGDHL	0.687333093	0
ATP6VOE2-AS1	LIFR	0.553756273	0
ATP6VOE2-AS1	CSGALNACT1	0.461637169	0
ATP6VOE2-AS1	RAP1GAP	0.653572026	0
ATP6VOE2-AS1	COL9A3	0.632586939	0
ATP6VOE2-AS1	FBLN1	0.295462346	3.31E-10
ATP6VOE2-AS1	EFEMP1	0.406060842	0
ATP6VOE2-AS1	AOX1	0.556182771	5.17E-37
ATP6VOE2-AS1	GRIN2C	0.629605381	0
ATP6VOE2-AS1	C11orf74	0.681841869	0
ATP6VOE2-AS1	PPARGC1A	0.677156563	0
ATP6VOE2-AS1	ANGPTL1	0.541169078	0
ATP6VOE2-AS1	SCARA5	0.38848985	2.89E-17
ATP6VOE2-AS1	LTF	0.570146121	0
ATP6VOE2-AS1	CA4	0.542715083	5.44E-35
ATP6VOE2-AS1	TG	0.554239512	0
ATP6VOE2-AS1	FCGBP	0.605442716	0
ATP6VOE2-AS1	PBX4	0.686369877	0
ATP6VOE2-AS1	CYR61	0.33616393	6.32E-13
ATP6VOE2-AS1	FOS	0.352567961	3.61E-14
ATP6VOE2-AS1	KHDRBS2	0.625623871	0
ATP6VOE2-AS1	MUM1L1	0.52756789	0
ATP6VOE2-AS1	RGS16	0.60499139	0
ATP6VOE2-AS1	MT1M	0.536393422	0
ATP6VOE2-AS1	LRP2	0.536146767	0
ATP6VOE2-AS1	MAFB	0.503979241	0
ATP6VOE2-AS1	KCNK2	0.523806086	0
ATP6VOE2-AS1	TBC1D4	0.564453629	0
ATP6VOE2-AS1	MIOX	0.681652186	2.85E-61
ATP6VOE2-AS1	TPPP	0.582493752	0

ATP6VOE2-AS1	FMOD	0.596054658	0
ATP6VOE2-AS1	CITED2	0.412826474	0
ATP6VOE2-AS1	RGS8	0.645141021	4.99E-53
ATP6VOE2-AS1	ABI3BP	0.411064573	0
ATP6VOE2-AS1	ADH1B	0.446520345	6.70E-23
ATP6VOE2-AS1	OGN	0.314393532	1.58E-11
ATP6VOE2-AS1	NR4A1	0.258563559	4.36E-08
ATP6VOE2-AS1	FOXJ1	0.565823343	1.61E-38
ATP6VOE2-AS1	ALDH1A1	0.577723911	0
ATP6VOE2-AS1	OCA2	0.554246978	1.02E-36
ATP6VOE2-AS1	TMEM139	0.461802551	0
ATP6VOE2-AS1	ARHGAP24	0.598998063	0
ATP6VOE2-AS1	SLC25A15	0.556978812	0
ATP6VOE2-AS1	DES	0.322047813	4.73E-12
ATP6VOE2-AS1	GDF10	0.534625951	8.08E-34
ATP6VOE2-AS1	KIAA1324	0.579726793	0
ATP6VOE2-AS1	JUN	0.349036926	6.84E-14
ATP6VOE2-AS1	C7	0.204589424	1.63E-05
ATP6VOE2-AS1	LGI3	0.652809084	0
ATP6VOE2-AS1	CDON	0.644567496	0
ATP6VOE2-AS1	BCL2	0.61436101	0
ATP6VOE2-AS1	HLF	0.588475308	0
ATP6VOE2-AS1	EGR1	0.345871405	1.20E-13
ATP6VOE2-AS1	IP6K3	0.617225836	0
ATP6VOE2-AS1	SCUBE3	0.497331334	0
ATP6VOE2-AS1	PKNOX2	0.563728841	0
ATP6VOE2-AS1	SMAD9	0.471238408	0
ATP6VOE2-AS1	IQGAP2	0.595111725	0
ATP6VOE2-AS1	GNA14	0.60513805	0
ATP6VOE2-AS1	LAYN	0.541301554	0
ATP6VOE2-AS1	AVPR1A	0.525557491	0
ATP6VOE2-AS1	PDLIM3	0.508957299	0
ATP6VOE2-AS1	GPM6A	0.60427795	0
ATP6VOE2-AS1	SDPR	0.390882851	0
ATP6VOE2-AS1	CRYAB	0.430133866	0
ATP6VOE2-AS1	FOXA2	0.417498283	6.04E-20
ATP6VOE2-AS1	C8orf88	0.511887654	0
ATP6VOE2-AS1	ISM1	0.510034693	0
ATP6VOE2-AS1	BMP2	0.298441777	2.16E-10
ATP6VOE2-AS1	ID4	0.564811201	0
ATP6VOE2-AS1	NUPR1	0.540446276	0
ATP6VOE2-AS1	SERTM1	0.593145091	4.59E-43
ATP6VOE2-AS1	IRS1	0.579626514	0
ATP6VOE2-AS1	FIBIN	0.358489094	1.19E-14
ATP6VOE2-AS1	PODN	0.302240034	1.25E-10
ATP6VOE2-AS1	TDRD9	0.529192918	0
ATP6VOE2-AS1	EPHA3	0.38819603	0
ATP6VOE2-AS1	AIF1L	0.449632216	0
ATP6VOE2-AS1	EBF4	0.672961588	0
ATP6VOE2-AS1	ADM2	0.621896674	0
ATP6VOE2-AS1	GSTM3	0.652998437	0

ATP6VOE2-AS1	HSD17B6	0.346459462	1.08E-13
ATP6VOE2-AS1	AGR3	0.365293164	2.64E-15
ATP6VOE2-AS1	EPHB1	0.553489052	0
ATP6VOE2-AS1	TMOD1	0.42218659	0
ATP6VOE2-AS1	WASF3	0.599797031	0
ATP6VOE2-AS1	SELV	0.659118433	4.77E-56
ATP6VOE2-AS1	ENPP1	0.424111319	0
ATP6VOE2-AS1	SYNE1	0.598953121	4.35E-44
ATP6VOE2-AS1	PLCH1	0.547510475	0
ATP6VOE2-AS1	CCDC146	0.62576741	0
ATP6VOE2-AS1	SLC16A2	0.577649447	0
ATP6VOE2-AS1	IER2	0.484415503	0
ATP6VOE2-AS1	KCNAB1	0.551442909	0
ATP6VOE2-AS1	SYNDIG1	0.555109115	0
ATP6VOE2-AS1	C16orf89	0.609847185	0
ATP6VOE2-AS1	CTGF	0.205560441	1.48E-05
ATP6VOE2-AS1	NR4A3	0.123553474	0.009598782
ATP6VOE2-AS1	KIAA1456	0.617250657	0
ATP6VOE2-AS1	AQP4	0.496154654	0
ATP6VOE2-AS1	RNF150	0.59621692	0
ATP6VOE2-AS1	C1S	0.190610807	6.02E-05
ATP6VOE2-AS1	PFKFB2	0.569875779	0
ATP6VOE2-AS1	PROX1	0.552073801	0
ATP6VOE2-AS1	TCF7L1	0.641502963	0
ATP6VOE2-AS1	HSPB6	0.379791755	6.39E-17
ATP6VOE2-AS1	FHDC1	0.46654984	0
ATP6VOE2-AS1	PRR15L	0.569945705	0
ATP6VOE2-AS1	SLC1A1	0.532307236	0
ATP6VOE2-AS1	BTBD11	0.626211644	0
ATP6VOE2-AS1	TRIM58	0.473039314	0
ATP6VOE2-AS1	LRIG1	0.583719509	0
ATP6VOE2-AS1	ROR2	0.479289368	0
ATP6VOE2-AS1	GPR125	0.602618455	0
ATP6VOE2-AS1	FLRT1	0.69519782	0
ATP6VOE2-AS1	PGF	0.619586148	0
ATP6VOE2-AS1	DUSP1	0.273592196	6.50E-09
ATP6VOE2-AS1	PLA2G7	0.466142768	0
ATP6VOE2-AS1	PLSCR4	0.465786473	0
ATP6VOE2-AS1	FAM46B	0.489279808	0
ATP6VOE2-AS1	GLDC	0.520765098	0
ATP6VOE2-AS1	ZBTB16	0.380485055	4.65E-17
ATP6VOE2-AS1	OMD	0.239930967	3.63E-07
ATP6VOE2-AS1	HSD11B2	0.546589384	0
ATP6VOE2-AS1	FGL2	0.261243146	3.13E-08
ATP6VOE2-AS1	CLCNKA	0.720582792	1.68E-71
ATP6VOE2-AS1	GATM	0.504552972	0
ATP6VOE2-AS1	TNS3	0.48223646	0
ATP6VOE2-AS1	TOB1	0.344209499	1.60E-13
ATP6VOE2-AS1	MARC2	0.678708403	0
ATP6VOE2-AS1	LRRC2	0.552423004	0
ATP6VOE2-AS1	SORD	0.427225496	0

ATP6VOE2-AS1	RIMS4	0.514706383	0
ATP6VOE2-AS1	SLC29A4	0.617466534	0
ATP6VOE2-AS1	SLC39A14	0.554292559	0
ATP6VOE2-AS1	FAXDC2	0.630181239	0
ATP6VOE2-AS1	HSPB8	0.407409004	0
ATP6VOE2-AS1	CCL19	0.094842851	0.047034274
ATP6VOE2-AS1	KCNIP3	0.633571147	0
ATP6VOE2-AS1	CGNL1	0.514079037	0
ATP6VOE2-AS1	ATF3	0.054298091	0.256153484
ATP6VOE2-AS1	SGCD	0.383529589	0
ATP6VOE2-AS1	STARD13	0.489607168	0
ATP6VOE2-AS1	LDHD	0.680743766	0
ATP6VOE2-AS1	RCAN1	0.335365528	7.22E-13
ATP6VOE2-AS1	ID3	0.527693984	0
ATP6VOE2-AS1	SYTL3	0.591545798	0
ATP6VOE2-AS1	MT1E	0.494047379	0
ATP6VOE2-AS1	CAMK1D	0.523107254	0
ATP6VOE2-AS1	PRKCQ	0.628939314	0
ATP6VOE2-AS1	NUAK2	0.486261372	0
ATP6VOE2-AS1	LIPG	0.504953094	0
ATP6VOE2-AS1	SLC25A25	0.324670583	4.11E-12
ATP6VOE2-AS1	PRKX	0.33430714	8.60E-13
ATP6VOE2-AS1	SRPX	0.279018317	3.18E-09
ATP6VOE2-AS1	FAM189A1	0.569843582	0
ATP6VOE2-AS1	PLEKHH1	0.50867022	0
ATP6VOE2-AS1	WNT11	0.558294777	0
ATP6VOE2-AS1	SNAI1	0.398521632	0
ATP6VOE2-AS1	FDCSP	0.14203502	0.002857977
ATP6VOE2-AS1	MT1X	0.493309968	0
ATP6VOE2-AS1	ACACB	0.683255843	0
ATP6VOE2-AS1	ARC	0.15468715	0.001162091
ATP6VOE2-AS1	KLK4	0.393877694	9.62E-18
ATP6VOE2-AS1	ZFPM2	0.387191256	0
ATP6VOE2-AS1	AKAP12	0.340282454	3.15E-13
ATP6VOE2-AS1	GJB6	0.419004675	4.31E-20
ATP6VOE2-AS1	ERO1LB	0.56363296	0
ATP6VOE2-AS1	DNALI1	0.502346695	0
ATP6VOE2-AS1	HKDC1	0.510625445	0
ATP6VOE2-AS1	ZFP36L2	0.484905692	0
ATP6VOE2-AS1	CAPSL	0.616248634	2.91E-47
ATP6VOE2-AS1	CYP7B1	0.435994009	0
ATP6VOE2-AS1	CPQ	0.455525975	0
ATP6VOE2-AS1	RPS6KA6	0.584832171	1.23E-41
ATP6VOE2-AS1	TLE1	0.524239398	0
ATP6VOE2-AS1	TP53INP2	0.533290026	0
ATP6VOE2-AS1	KATNAL2	0.710530556	0
ATP6VOE2-AS1	SGPP2	0.297553735	2.45E-10
ATP6VOE2-AS1	CTH	0.530839506	0
ATP6VOE2-AS1	KIF12	0.47973346	0
ATP6VOE2-AS1	TMEM220	0.610060508	0
ATP6VOE2-AS1	CENPJ	0.505663273	0

ATP6VOE2-AS1	FAM155B	0.410141922	0
ATP6VOE2-AS1	WFS1	0.672962155	0
ATP6VOE2-AS1	SELENBP1	0.557912668	0
ATP6VOE2-AS1	SNTA1	0.657445315	0
ATP6VOE2-AS1	FRAS1	0.281900731	2.16E-09
ATP6VOE2-AS1	FBLN7	0.636790566	0
ATP6VOE2-AS1	AGPAT9	0.45397839	0
ATP6VOE2-AS1	GPR83	0.504672541	0
ATP6VOE2-AS1	PRTG	0.49268787	0
ATP6VOE2-AS1	EGR3	0.1192134	0.012472961
ATP6VOE2-AS1	GRAMD2	0.488006961	0
ATP6VOE2-AS1	HYOU1	0.536691564	0
ATP6VOE2-AS1	FBLN5	0.349950499	5.81E-14
ATP6VOE2-AS1	ITM2A	0.498153848	0
ATP6VOE2-AS1	SRF	0.434951222	0
ATP6VOE2-AS1	FGFR2	0.377957659	1.28E-16
ATP6VOE2-AS1	MT1A	0.294051787	3.32E-10
ATP6VOE2-AS1	MAMDC2	0.274051464	6.12E-09
ATP6VOE2-AS1	FHL2	0.423665242	0
ATP6VOE2-AS1	FTCDNL1	0.599145573	0
ATP6VOE2-AS1	PKIA	0.376686798	1.92E-16
ATP6VOE2-AS1	DNAJB4	0.319596785	9.13E-12
ATP6VOE2-AS1	SLC25A33	0.602310952	0
ATP6VOE2-AS1	EYA2	0.44176366	0
ATP6VOE2-AS1	LPAR1	0.332576727	1.14E-12
ATP6VOE2-AS1	STX11	0.333493278	9.84E-13
ATP6VOE2-AS1	ARHGEF28	0.51544422	0
ATP6VOE2-AS1	OR2W3	0.552524559	0
ATP6VOE2-AS1	ALDH1B1	0.575152779	5.05E-40
ATP6VOE2-AS1	CXCL12	0.289304204	7.85E-10
ATP6VOE2-AS1	OLFM2	0.51310646	0
ATP6VOE2-AS1	TUB	0.459522519	0
ATP6VOE2-AS1	HTRA3	0.312353872	2.78E-11
ATP6VOE2-AS1	CKB	0.570077188	0
ATP6VOE2-AS1	RGS2	0.123087823	0.009876049
ATP6VOE2-AS1	SHANK2	0.532848345	0
ATP6VOE2-AS1	CNTFR	0.576306911	3.27E-40
ATP6VOE2-AS1	CYTH3	0.577638242	0
ATP6VOE2-AS1	PLAC9	0.44321905	0
ATP6VOE2-AS1	WWOX	0.650090918	0
ATP6VOE2-AS1	NPR3	0.420496033	0
ATP6VOE2-AS1	SDC2	0.335339147	7.25E-13
ATP6VOE2-AS1	KLF15	0.552818729	0
ATP6VOE2-AS1	TMEM164	0.593926676	0
ATP6VOE2-AS1	LONRF3	0.147183256	0.002007604
ATP6VOE2-AS1	GBP1	0.161116343	0.000713452
ATP6VOE2-AS1	ARHGAP6	0.45731213	0
ATP6VOE2-AS1	TMEM119	0.229231214	1.30E-06
ATP6VOE2-AS1	SH3RF1	0.403429338	0
ATP6VOE2-AS1	CRELD2	0.616756213	0
ATP6VOE2-AS1	PCP4	0.267309803	1.46E-08

ATP6VOE2-AS1	GCSH	0.662720238	0
ATP6VOE2-AS1	IMPA2	0.502331802	0
ATP6VOE2-AS1	C1R	0.179608217	0.000158452
ATP6VOE2-AS1	SUCNR1	0.327184363	2.75E-12
ATP6VOE2-AS1	SFRP1	0.428953781	0
ATP6VOE2-AS1	UGT8	0.533819504	0
ATP6VOE2-AS1	TLE4	0.261880845	2.89E-08
ATP6VOE2-AS1	ANTXR1	0.338501406	4.27E-13
ATP6VOE2-AS1	GPX3	0.468945327	0
ATP6VOE2-AS1	DPY19L2	0.590420462	0
ATP6VOE2-AS1	FAM46C	0.476745235	0
ATP6VOE2-AS1	IL33	0.324331391	3.28E-12
ATP6VOE2-AS1	PEG3	0.511501289	0
ATP6VOE2-AS1	FAHD2A	0.727693842	0
ATP6VOE2-AS1	PTGDS	0.187345007	8.07E-05
ATP6VOE2-AS1	CHCHD10	0.593322592	0
ATP6VOE2-AS1	CD36	0.492701912	0
ATP6VOE2-AS1	ANKRD37	0.483788016	0
ATP6VOE2-AS1	TSPAN33	0.624749587	0
ATP6VOE2-AS1	PRDM16	0.509180834	0
ATP6VOE2-AS1	UST	0.488693028	0
ATP6VOE2-AS1	NEXN	0.466463036	0
ATP6VOE2-AS1	NUPR1L	0.301647687	1.10E-10
ATP6VOE2-AS1	SLC24A3	0.575048721	0
ATP6VOE2-AS1	MARC1	0.544073052	0
ATP6VOE2-AS1	MYH11	0.298462485	2.15E-10
ATP6VOE2-AS1	APOA1	0.584516583	1.39E-41
ATP6VOE2-AS1	TMEM178B	0.370620566	9.40E-16
ATP6VOE2-AS1	CAPN6	0.285765712	1.07E-09
ATP6VOE2-AS1	PPM1L	0.553913003	0
ATP6VOE2-AS1	FZD8	0.615575419	0
ATP6VOE2-AS1	RCAN2	0.558587245	0
ATP6VOE2-AS1	COPZ2	0.676074629	0
ATP6VOE2-AS1	GAS1	0.337921434	4.70E-13
ATP6VOE2-AS1	DACT1	0.436546323	0
ATP6VOE2-AS1	WBSCR17	0.46220083	0
ATP6VOE2-AS1	NCS1	0.485482402	0
ATP6VOE2-AS1	SPIRE2	0.561891058	0
ATP6VOE2-AS1	C15orf52	0.512145514	0
ATP6VOE2-AS1	SPAG5	0.558613343	0
ATP6VOE2-AS1	ARL4D	0.531562024	0
ATP6VOE2-AS1	FAM189A2	0.424212166	0
ATP6VOE2-AS1	MAP1LC3A	0.699239753	0
ATP6VOE2-AS1	KLF6	-0.010369145	0.828418312
ATP6VOE2-AS1	ADD3	0.332392906	1.18E-12
ATP6VOE2-AS1	TSPAN7	0.465412732	0
ATP6VOE2-AS1	KLF9	0.329535739	1.88E-12
ATP6VOE2-AS1	KCNQ1	0.628608266	0
ATP6VOE2-AS1	MAN1A1	0.20143213	2.20E-05
ATP6VOE2-AS1	MLF1	0.36843826	1.54E-15
ATP6VOE2-AS1	RARB	0.532262558	0

ATP6VOE2-AS1	CDC42EP2	0.511456469	0
ATP6VOE2-AS1	FAM3B	0.257745868	4.82E-08
ATP6VOE2-AS1	GADD45B	0.288411481	8.88E-10
ATP6VOE2-AS1	TMEM47	0.389339238	0
ATP6VOE2-AS1	SDF2L1	0.529155899	0
ATP6VOE2-AS1	CCDC85A	0.267345121	1.45E-08
ATP6VOE2-AS1	CRYBG3	0.147620824	0.001945908
ATP6VOE2-AS1	FBLN2	0.168753989	0.000390338
ATP6VOE2-AS1	PEBP4	0.365796118	2.73E-15
ATP6VOE2-AS1	CDADC1	0.623505959	0
ATP6VOE2-AS1	FAM63A	0.517355475	0
ATP6VOE2-AS1	GLUL	0.326743107	2.95E-12
ATP6VOE2-AS1	FREM2	0.441350772	0
ATP6VOE2-AS1	ACKR3	0.464138183	0
ATP6VOE2-AS1	DENND6A	0.589772692	0
ATP6VOE2-AS1	CLDN8	0.221906603	2.83E-06
ATP6VOE2-AS1	UTS2R	0.213554567	6.37E-06
ATP6VOE2-AS1	SCNN1B	0.486674969	0
ATP6VOE2-AS1	TTC30A	0.577461371	0
ATP6VOE2-AS1	CORO2B	0.53229901	0
ATP6VOE2-AS1	TC2N	0.358826383	1.11E-14
ATP6VOE2-AS1	ALDH2	0.624942201	0
ATP6VOE2-AS1	GPR183	0.010767708	0.821931394
ATP6VOE2-AS1	C4orf47	0.555364422	0
ATP6VOE2-AS1	SLC25A42	0.613934789	0
ATP6VOE2-AS1	LGMN	0.588107949	0
ATP6VOE2-AS1	ACSF2	0.728257219	0
ATP6VOE2-AS1	KIAA1467	0.561320163	0
ATP6VOE2-AS1	PRKG1	0.482003847	0
ATP6VOE2-AS1	GNAI1	0.528404446	0
ATP6VOE2-AS1	ABCC4	0.375497068	2.72E-16
ATP6VOE2-AS1	PRPS1	0.663716218	0
ATP6VOE2-AS1	TSPAN5	0.447643518	0
ATP6VOE2-AS1	CR2	0.247742272	1.45E-07
ATP6VOE2-AS1	CCDC170	0.434752792	0
ATP6VOE2-AS1	RRAD	0.096562152	0.043191679
ATP6VOE2-AS1	SCGB2A1	0.602065007	0
ATP6VOE2-AS1	SESN3	0.252206986	9.42E-08
ATP6VOE2-AS1	SGK223	0.336912121	5.57E-13
ATP6VOE2-AS1	NDRG2	0.650648338	0
ATP6VOE2-AS1	C3orf52	0.268764627	1.21E-08
ATP6VOE2-AS1	FLRT3	-0.387430819	0
ATP6VOE2-AS1	MST1R	-0.544245951	0
ATP6VOE2-AS1	SDC1	-0.261354772	3.09E-08
ATP6VOE2-AS1	ST8SIA4	-0.461086274	0
ATP6VOE2-AS1	UBTD1	-0.306768752	6.41E-11
ATP6VOE2-AS1	EPHA2	-0.462431457	0
ATP6VOE2-AS1	TMEM130	-0.371254436	8.10E-16
ATP6VOE2-AS1	SPINK2	-0.340104874	3.25E-13
ATP6VOE2-AS1	MMP16	-0.569255242	0
ATP6VOE2-AS1	SIGLEC15	-0.595332849	0

ATP6VOE2-AS1	RIN1	-0.51462738	0
ATP6VOE2-AS1	IL1RN	-0.421615411	0
ATP6VOE2-AS1	FCER1G	-0.256381394	5.69E-08
ATP6VOE2-AS1	CD276	-0.596284718	0
ATP6VOE2-AS1	CTSB	-0.376120301	2.27E-16
ATP6VOE2-AS1	FAM171A2	-0.27143542	8.60E-09
ATP6VOE2-AS1	ASPHD1	-0.447483951	0
ATP6VOE2-AS1	C15orf48	-0.290636622	6.52E-10
ATP6VOE2-AS1	DYSF	-0.279223981	3.09E-09
ATP6VOE2-AS1	PDZRN4	-0.264791202	2.01E-08
ATP6VOE2-AS1	EFHD2	-0.279442694	3.00E-09
ATP6VOE2-AS1	ASF1B	-0.264603551	2.06E-08
ATP6VOE2-AS1	AQP1	-0.191870747	5.37E-05
ATP6VOE2-AS1	ARRDC2	-0.419032132	0
ATP6VOE2-AS1	PRSS1	-0.416136471	8.19E-20
ATP6VOE2-AS1	MAPK13	-0.582892598	0
ATP6VOE2-AS1	CST5	-0.512125343	1.01E-30
ATP6VOE2-AS1	AHR	-0.572764718	0
ATP6VOE2-AS1	BAX	-0.279879836	2.83E-09
ATP6VOE2-AS1	C1orf115	-0.358760003	1.13E-14
ATP6VOE2-AS1	PLK3	-0.480999072	0
ATP6VOE2-AS1	JAG2	-0.228092971	1.47E-06
ATP6VOE2-AS1	RAD23B	-0.613345598	0
ATP6VOE2-AS1	CA12	-0.010392123	0.828044011
ATP6VOE2-AS1	ADTRP	-0.395962464	0
ATP6VOE2-AS1	UCP2	-0.41960331	0
ATP6VOE2-AS1	IGFBP2	-0.269073123	1.17E-08
ATP6VOE2-AS1	LOXL2	-0.332349078	1.19E-12
ATP6VOE2-AS1	GPX1	-0.274941209	5.45E-09
ATP6VOE2-AS1	P3H3	-0.385555307	0
ATP6VOE2-AS1	C2orf81	-0.394045535	0
ATP6VOE2-AS1	CDT1	-0.289086909	8.09E-10
ATP6VOE2-AS1	SNX25	-0.488478144	0
ATP6VOE2-AS1	MTHFD1L	-0.476630489	0
ATP6VOE2-AS1	CDC42BPG	-0.593985063	3.27E-43
ATP6VOE2-AS1	MSN	-0.634128141	0
ATP6VOE2-AS1	SIGLEC6	-0.463826783	8.40E-25
ATP6VOE2-AS1	F2R	-0.25441851	7.22E-08
ATP6VOE2-AS1	TMEM184A	-0.520358734	0
ATP6VOE2-AS1	CKS2	-0.215435142	5.53E-06
ATP6VOE2-AS1	TAX1BP3	-0.46966969	0
ATP6VOE2-AS1	PMEPA1	-0.463689978	0
ATP6VOE2-AS1	CXCL16	-0.499202733	0
ATP6VOE2-AS1	FAXC	-0.603646491	0
ATP6VOE2-AS1	VTCN1	-0.500490747	3.30E-29
ATP6VOE2-AS1	SH2D4A	-0.640713356	0
ATP6VOE2-AS1	RNF24	-0.524190465	0
ATP6VOE2-AS1	LY6G6C	-0.461584357	1.50E-24
ATP6VOE2-AS1	NID1	-0.4063031	0
ATP6VOE2-AS1	STAC	-0.603307784	0
ATP6VOE2-AS1	RAB34	-0.480110888	0

ATP6VOE2-AS1	HES4	-0.254551554	7.11E-08
ATP6VOE2-AS1	EPHA10	-0.519927124	0
ATP6VOE2-AS1	ENTPD2	-0.497116877	0
ATP6VOE2-AS1	DDB2	-0.40144376	0
ATP6VOE2-AS1	NKAIN4	-0.259811158	3.74E-08
ATP6VOE2-AS1	TRIM29	-0.491273754	0
ATP6VOE2-AS1	ADCY8	-0.545430997	2.16E-35
ATP6VOE2-AS1	SFTA2	-0.325758616	3.45E-12
ATP6VOE2-AS1	NRIP1	-0.616287158	0
ATP6VOE2-AS1	VWA1	-0.145279377	0.002297442
ATP6VOE2-AS1	APLNR	-0.173887359	0.000256512
ATP6VOE2-AS1	REN	-0.510371777	1.72E-30
ATP6VOE2-AS1	EDIL3	-0.293427409	4.41E-10
ATP6VOE2-AS1	AGRN	-0.477147627	0
ATP6VOE2-AS1	TREM1	-0.486380089	0
ATP6VOE2-AS1	SRL	-0.346897455	1.00E-13
ATP6VOE2-AS1	RASGRF1	-0.589583623	0
ATP6VOE2-AS1	RMI2	-0.377018555	1.73E-16
ATP6VOE2-AS1	SAMD1	-0.420570781	0
ATP6VOE2-AS1	MGAT4B	-0.558872905	0
ATP6VOE2-AS1	NXN	-0.516815927	0
ATP6VOE2-AS1	SH3BGRL3	-0.385613176	0
ATP6VOE2-AS1	CA11	-0.305846527	7.35E-11
ATP6VOE2-AS1	PLD3	-0.313132558	2.47E-11
ATP6VOE2-AS1	LURAP1L	-0.432972027	0
ATP6VOE2-AS1	CARNS1	-0.309888601	4.03E-11
ATP6VOE2-AS1	PDLIM7	-0.388527929	0
ATP6VOE2-AS1	BCL2L1	-0.565348196	0
ATP6VOE2-AS1	GGT6	-0.351814948	4.14E-14
ATP6VOE2-AS1	DPYSL3	-0.394123829	0
ATP6VOE2-AS1	FYN	-0.620083854	0
ATP6VOE2-AS1	TK1	-0.211436753	8.28E-06
ATP6VOE2-AS1	AK1	-0.243205009	2.71E-07
ATP6VOE2-AS1	HIGD1B	-0.105815748	0.026664005
ATP6VOE2-AS1	TMEM59L	-0.342931972	2.00E-13
ATP6VOE2-AS1	MEGF9	-0.489821342	0
ATP6VOE2-AS1	ZFP36L1	-0.569902444	0
ATP6VOE2-AS1	ADRA1B	-0.405087131	0
ATP6VOE2-AS1	EPHA4	-0.586633836	0
ATP6VOE2-AS1	TCERG1L	-0.310064195	3.92E-11
ATP6VOE2-AS1	NGFR	-0.325504018	3.60E-12
ATP6VOE2-AS1	EBI3	-0.39715886	0
ATP6VOE2-AS1	S100A10	-0.44706383	0
ATP6VOE2-AS1	S100B	-0.363882167	4.07E-15
ATP6VOE2-AS1	CD44	-0.42092892	0
ATP6VOE2-AS1	BHLHE41	-0.50215252	0
ATP6VOE2-AS1	FBXO2	-0.360221493	8.48E-15
ATP6VOE2-AS1	SLC30A2	-0.254793244	6.90E-08
ATP6VOE2-AS1	FRMD5	-0.453029925	0
ATP6VOE2-AS1	SAMD11	-0.301195545	1.45E-10
ATP6VOE2-AS1	SIPA1L2	-0.58627357	0

ATP6VOE2-AS1	S100A16	-0.488502398	0
ATP6VOE2-AS1	PPL	-0.569621323	0
ATP6VOE2-AS1	ARHGDIB	-0.247345093	1.68E-07
ATP6VOE2-AS1	CDC42EP3	-0.482132918	0
ATP6VOE2-AS1	RUNX2	-0.56998159	0
ATP6VOE2-AS1	LAMC2	-0.537201752	0
ATP6VOE2-AS1	BRINP1	-0.480525195	0
ATP6VOE2-AS1	GPRC5B	-0.507297379	0
ATP6VOE2-AS1	AQP5	-0.241016462	3.49E-07
ATP6VOE2-AS1	PLAG1	-0.48730813	0
ATP6VOE2-AS1	PTPRU	-0.542331008	0
ATP6VOE2-AS1	ANGPTL4	-0.435628211	0
ATP6VOE2-AS1	PALM3	-0.345274129	1.33E-13
ATP6VOE2-AS1	ACP5	-0.30187608	1.32E-10
ATP6VOE2-AS1	DLG4	-0.384165728	0
ATP6VOE2-AS1	ETNK2	-0.503483094	0
ATP6VOE2-AS1	CD109	-0.586263499	0
ATP6VOE2-AS1	SNX22	-0.357708423	1.38E-14
ATP6VOE2-AS1	TMEM98	-0.535676577	0
ATP6VOE2-AS1	CTHRC1	-0.320028821	8.53E-12
ATP6VOE2-AS1	S100A2	-0.403659114	0
ATP6VOE2-AS1	C11orf80	-0.550016311	0
ATP6VOE2-AS1	SREBF1	-0.436489304	0
ATP6VOE2-AS1	PRSS22	-0.492940766	0
ATP6VOE2-AS1	CMTM3	-0.453239418	0
ATP6VOE2-AS1	RDH5	-0.49007523	0
ATP6VOE2-AS1	MYH10	-0.564657024	0
ATP6VOE2-AS1	EVPL	-0.523984092	0
ATP6VOE2-AS1	SCD	-0.438104403	0
ATP6VOE2-AS1	CD151	-0.489808151	0
ATP6VOE2-AS1	S100A4	-0.460912665	0
ATP6VOE2-AS1	BNIP1	-0.417895591	0
ATP6VOE2-AS1	MAP3K6	-0.463696361	0
ATP6VOE2-AS1	MANEAL	-0.397128791	0
ATP6VOE2-AS1	CD207	-0.418922931	4.39E-20
ATP6VOE2-AS1	CD1A	-0.429135042	4.27E-21
ATP6VOE2-AS1	C3	-0.40233081	0
ATP6VOE2-AS1	NT5E	-0.529867921	0
ATP6VOE2-AS1	CACNG4	-0.480818004	8.88E-27
ATP6VOE2-AS1	FHOD1	-0.404219371	0
ATP6VOE2-AS1	LEMD1	-0.53934406	0
ATP6VOE2-AS1	ATP11A	-0.425114533	0
ATP6VOE2-AS1	PPAP2C	-0.388718275	0
ATP6VOE2-AS1	DRAM1	-0.558955455	0
ATP6VOE2-AS1	CDA	-0.231872222	9.71E-07
ATP6VOE2-AS1	CCND2	-0.403736699	0
ATP6VOE2-AS1	LCN6	-0.26735669	1.27E-08
ATP6VOE2-AS1	CDH4	-0.44341975	0
ATP6VOE2-AS1	MMP11	-0.423440713	0
ATP6VOE2-AS1	B3GAT1	-0.350126944	5.62E-14
ATP6VOE2-AS1	SPP1	-0.240596056	3.66E-07

ATP6VOE2-AS1	HLA-DQB1	-0.287993345	9.41E-10
ATP6VOE2-AS1	SDC3	-0.5797397	0
ATP6VOE2-AS1	CX3CL1	-0.390708959	0
ATP6VOE2-AS1	SDK1	-0.469427999	0
ATP6VOE2-AS1	DOCK9	-0.652164576	0
ATP6VOE2-AS1	CSF2	-0.562319827	5.77E-38
ATP6VOE2-AS1	GRHL3	-0.643691226	0
ATP6VOE2-AS1	TMEM92	-0.585350127	1.01E-41
ATP6VOE2-AS1	BASP1	-0.564236051	0
ATP6VOE2-AS1	HRH1	-0.534579467	0
ATP6VOE2-AS1	ESM1	-0.128774073	0.006932324
ATP6VOE2-AS1	B4GALNT3	-0.521354289	0
ATP6VOE2-AS1	LMO3	-0.376263414	2.18E-16
ATP6VOE2-AS1	C9orf16	-0.365168063	3.12E-15
ATP6VOE2-AS1	SEMA3F	-0.358636463	1.15E-14
ATP6VOE2-AS1	PLA2G12B	-0.395430333	6.98E-18
ATP6VOE2-AS1	KLK6	-0.487612947	1.34E-27
ATP6VOE2-AS1	ST3GAL5	-0.55387726	0
ATP6VOE2-AS1	FAM132B	-0.201964586	2.09E-05
ATP6VOE2-AS1	CDKN1A	-0.309056301	4.56E-11
ATP6VOE2-AS1	E2F1	-0.300439695	1.62E-10
ATP6VOE2-AS1	B3GNT8	-0.380691144	4.19E-17
ATP6VOE2-AS1	MTMR11	-0.536976798	0
ATP6VOE2-AS1	MYO1G	-0.424969718	0
ATP6VOE2-AS1	TMSB10	-0.450775991	0
ATP6VOE2-AS1	UNC5CL	-0.525045033	0
ATP6VOE2-AS1	ABR	-0.496289966	0
ATP6VOE2-AS1	PLP2	-0.512229623	0
ATP6VOE2-AS1	SRCIN1	-0.389145488	0
ATP6VOE2-AS1	PDE9A	-0.545203919	0
ATP6VOE2-AS1	TREM2	-0.235376166	6.59E-07
ATP6VOE2-AS1	KDEL3	-0.458558311	0
ATP6VOE2-AS1	PC	-0.546276492	0
ATP6VOE2-AS1	C2CD4A	-0.502680722	0
ATP6VOE2-AS1	PELI1	-0.591512324	0
ATP6VOE2-AS1	SSX1	-0.345622339	1.25E-13
ATP6VOE2-AS1	MROH6	-0.544007098	0
ATP6VOE2-AS1	ESPN	-0.515151184	0
ATP6VOE2-AS1	BMP1	-0.468895968	0
ATP6VOE2-AS1	TM4SF4	-0.524723151	1.99E-32
ATP6VOE2-AS1	CORO2A	-0.650074039	0
ATP6VOE2-AS1	CD164L2	-0.389890643	2.18E-17
ATP6VOE2-AS1	CTSS	-0.393430813	0
ATP6VOE2-AS1	CLU	-0.472339348	0
ATP6VOE2-AS1	TMSB4X	-0.467137471	0
ATP6VOE2-AS1	WNT10A	-0.46749357	3.21E-25
ATP6VOE2-AS1	NAPSA	-0.440875759	0
ATP6VOE2-AS1	PLEKHA4	-0.47511581	0
ATP6VOE2-AS1	SFTPA1	-0.185749891	9.04E-05
ATP6VOE2-AS1	C1orf116	-0.58793193	0
ATP6VOE2-AS1	TM4SF1	-0.475864143	0

ATP6VOE2-AS1	SEL1L3	-0.516994783	0
ATP6VOE2-AS1	VASN	-0.543067852	0
ATP6VOE2-AS1	NPTXR	-0.577689161	0
ATP6VOE2-AS1	PDE4C	-0.461495758	0
ATP6VOE2-AS1	CDC42EP1	-0.588395028	0
ATP6VOE2-AS1	ENDOD1	-0.674184791	0
ATP6VOE2-AS1	RYR1	-0.575754077	0
ATP6VOE2-AS1	IL1RAP	-0.659611451	0
ATP6VOE2-AS1	SLC35F2	-0.625043992	5.93E-49
ATP6VOE2-AS1	ISYNA1	-0.419842447	0
ATP6VOE2-AS1	HLA-G	-0.42358099	0
ATP6VOE2-AS1	CDKN2B	-0.517149669	0
ATP6VOE2-AS1	ALDH1A3	-0.455975882	0
ATP6VOE2-AS1	CLIP3	-0.432946496	0
ATP6VOE2-AS1	ULBP2	-0.445738503	0
ATP6VOE2-AS1	ETHE1	-0.536578378	0
ATP6VOE2-AS1	XPR1	-0.57669772	0
ATP6VOE2-AS1	SPTBN2	-0.578684858	0
ATP6VOE2-AS1	IVL	-0.550051772	4.42E-36
ATP6VOE2-AS1	MARCO	-0.383836241	0
ATP6VOE2-AS1	PLXND1	-0.384249838	0
ATP6VOE2-AS1	EMILIN2	-0.480575547	0
ATP6VOE2-AS1	PLAUR	-0.517603832	0
ATP6VOE2-AS1	CDC42EP5	-0.503187648	0
ATP6VOE2-AS1	TRPC5	-0.471131624	1.23E-25
ATP6VOE2-AS1	TMEM100	-0.445687442	0
ATP6VOE2-AS1	QSOX1	-0.605469382	0
ATP6VOE2-AS1	ARHGAP23	-0.566134967	0
ATP6VOE2-AS1	MDF1	-0.392619789	0
ATP6VOE2-AS1	FSTL3	-0.512038994	0
ATP6VOE2-AS1	INF2	-0.52214262	0
ATP6VOE2-AS1	TGFBR1	-0.634071406	0
ATP6VOE2-AS1	TGFBI	-0.324707177	4.08E-12
ATP6VOE2-AS1	ERBB3	-0.65381939	0
ATP6VOE2-AS1	CCL18	-0.341507218	2.56E-13
ATP6VOE2-AS1	CCL17	-0.420349672	3.19E-20
ATP6VOE2-AS1	C16orf45	-0.48610989	0
ATP6VOE2-AS1	PRDM1	-0.435945075	0
ATP6VOE2-AS1	TRIM47	-0.447149641	0
ATP6VOE2-AS1	CNFN	-0.362546345	5.34E-15
ATP6VOE2-AS1	ARMCX3	-0.475691527	0
ATP6VOE2-AS1	RAMP1	-0.356777829	1.65E-14
ATP6VOE2-AS1	GABRD	-0.188719835	7.14E-05
ATP6VOE2-AS1	COL13A1	-0.294538703	3.77E-10
ATP6VOE2-AS1	S100A5	-0.427082098	0
ATP6VOE2-AS1	MISP	-0.435957415	0
ATP6VOE2-AS1	HES6	-0.252621718	8.97E-08
ATP6VOE2-AS1	PSD3	-0.650910311	0
ATP6VOE2-AS1	DOK7	-0.522354667	0
ATP6VOE2-AS1	ZMAT3	-0.565381244	0
ATP6VOE2-AS1	MFAP2	-0.433873969	0

ATP6VOE2-AS1	TMEM79	-0.520906084	0
ATP6VOE2-AS1	SLC1A5	-0.422334242	0
ATP6VOE2-AS1	BBC3	-0.421678529	0
ATP6VOE2-AS1	HLA-DQB2	-0.308598592	4.88E-11
ATP6VOE2-AS1	C1QL1	-0.426680841	0
ATP6VOE2-AS1	TMEM215	-0.294523215	3.10E-10
ATP6VOE2-AS1	PNP	-0.435071358	0
ATP6VOE2-AS1	ARNTL	-0.565519252	0
ATP6VOE2-AS1	CLDN2	-0.341549781	1.86E-13
ATP6VOE2-AS1	MVP	-0.546020759	0
ATP6VOE2-AS1	LGALS1	-0.439263638	0
ATP6VOE2-AS1	BIRC7	-0.431609136	2.40E-21
ATP6VOE2-AS1	COL8A1	-0.657018385	0
ATP6VOE2-AS1	PERP	-0.613811674	0
ATP6VOE2-AS1	GJA4	-0.294598842	3.74E-10
ATP6VOE2-AS1	IGFL2	-0.475561181	3.73E-26
ATP6VOE2-AS1	DAPK2	-0.497870315	0
ATP6VOE2-AS1	MAMLD1	-0.611202722	0
ATP6VOE2-AS1	ETV5	-0.441092486	0
ATP6VOE2-AS1	RUNX1	-0.655536329	0
ATP6VOE2-AS1	LONRF2	-0.43131849	0
ATP6VOE2-AS1	SPOCK1	-0.331220906	1.43E-12
ATP6VOE2-AS1	XKRX	-0.561242578	0
ATP6VOE2-AS1	TGFB1	-0.363607003	4.31E-15
ATP6VOE2-AS1	ERP27	-0.328124317	2.36E-12
ATP6VOE2-AS1	TNFRSF10C	-0.477859933	0
ATP6VOE2-AS1	PALM	-0.553732586	0
ATP6VOE2-AS1	TSC22D1	-0.497508773	0
ATP6VOE2-AS1	TGM2	-0.458764684	0
ATP6VOE2-AS1	UBE2QL1	-0.379337309	7.71E-17
ATP6VOE2-AS1	ECE1	-0.648428586	0
ATP6VOE2-AS1	COL8A2	-0.647346369	0
ATP6VOE2-AS1	HIST3H2A	-0.39612657	0
ATP6VOE2-AS1	TNFRSF21	-0.561428385	0
ATP6VOE2-AS1	SOX4	-0.62323661	0
ATP6VOE2-AS1	ELF3	-0.603264665	0
ATP6VOE2-AS1	TPD52L1	-0.510008595	0
ATP6VOE2-AS1	INHBB	-0.491139434	0
ATP6VOE2-AS1	HPN	-0.41254904	0
ATP6VOE2-AS1	MMP7	-0.395737445	6.55E-18
ATP6VOE2-AS1	RAB27A	-0.655308255	0
ATP6VOE2-AS1	IGF2BP2	-0.617445542	0
ATP6VOE2-AS1	ITGB4	-0.546050545	0
ATP6VOE2-AS1	PPP1R1B	-0.555787664	0
ATP6VOE2-AS1	NPDC1	-0.267769923	1.38E-08
ATP6VOE2-AS1	CCL13	-0.507788953	3.76E-30
ATP6VOE2-AS1	SPINT1	-0.605739581	0
ATP6VOE2-AS1	HEY2	-0.445771835	0
ATP6VOE2-AS1	CST2	-0.447047371	5.89E-23
ATP6VOE2-AS1	ADM	-0.354969689	2.31E-14
ATP6VOE2-AS1	VSTM2L	-0.410551973	0

ATP6VOE2-AS1	FAM84A	-0.532430918	0
ATP6VOE2-AS1	P4HA2	-0.507148733	0
ATP6VOE2-AS1	LPL	-0.459165799	0
ATP6VOE2-AS1	TMEM173	-0.476079877	0
ATP6VOE2-AS1	DHRS3	-0.533690574	0
ATP6VOE2-AS1	SCN1B	-0.487882712	0
ATP6VOE2-AS1	GLT1D1	-0.426089238	0
ATP6VOE2-AS1	PHYHIP	-0.496682713	0
ATP6VOE2-AS1	BHLHE40	-0.582314754	0
ATP6VOE2-AS1	BID	-0.561259599	0
ATP6VOE2-AS1	POSTN	-0.31697677	1.37E-11
ATP6VOE2-AS1	ITGA3	-0.628818468	0
ATP6VOE2-AS1	RSP04	-0.484024884	0
ATP6VOE2-AS1	ADAMTS9	-0.398226185	0
ATP6VOE2-AS1	ABTB2	-0.642064071	0
ATP6VOE2-AS1	KCNQ3	-0.656996968	0
ATP6VOE2-AS1	ANXA1	-0.612124522	0
ATP6VOE2-AS1	S100A11	-0.522279918	0
ATP6VOE2-AS1	CEACAM6	-0.543839633	3.72E-35
ATP6VOE2-AS1	IER5L	-0.469171274	0
ATP6VOE2-AS1	KRT80	-0.563034832	0
ATP6VOE2-AS1	CDH6	-0.543179194	0
ATP6VOE2-AS1	UNC5B	-0.475974776	0
ATP6VOE2-AS1	PLEKHN1	-0.575464588	0
ATP6VOE2-AS1	SYTL1	-0.397003832	0
ATP6VOE2-AS1	TMEM163	-0.480967301	0
ATP6VOE2-AS1	C4orf48	-0.22842487	1.41E-06
ATP6VOE2-AS1	B3GNT7	-0.538632889	0
ATP6VOE2-AS1	BAIAP3	-0.55437369	0
ATP6VOE2-AS1	PHLDA2	-0.490702718	0
ATP6VOE2-AS1	GAP43	-0.534881818	7.43E-34
ATP6VOE2-AS1	S100A1	-0.367510078	1.89E-15
ATP6VOE2-AS1	PTPRE	-0.712155868	0
ATP6VOE2-AS1	CCND1	-0.565000553	0
ATP6VOE2-AS1	ST6GALNAC5	-0.56230321	5.80E-38
ATP6VOE2-AS1	KRT17	-0.339740778	3.46E-13
ATP6VOE2-AS1	HPCAL4	-0.495072294	0
ATP6VOE2-AS1	GABBR2	-0.418097709	0
ATP6VOE2-AS1	DIRAS3	-0.443468542	0
ATP6VOE2-AS1	SERINC2	-0.410592255	0
ATP6VOE2-AS1	PTCHD4	-0.443319613	0
ATP6VOE2-AS1	EPS8	-0.593311245	0
ATP6VOE2-AS1	LY6E	-0.511772907	0
ATP6VOE2-AS1	UPP1	-0.530824045	0
ATP6VOE2-AS1	AHNAK2	-0.600940948	0
ATP6VOE2-AS1	PLXNC1	-0.501459504	0
ATP6VOE2-AS1	TNC	-0.517489511	0
ATP6VOE2-AS1	DUSP4	-0.530267476	0
ATP6VOE2-AS1	NRCAM	-0.576811898	0
ATP6VOE2-AS1	NRP2	-0.556328489	0
ATP6VOE2-AS1	CTSC	-0.593165294	0

ATP6VOE2-AS1	AMIG02	-0.540010836	0
ATP6VOE2-AS1	NAB2	-0.475139922	0
ATP6VOE2-AS1	TBC1D2	-0.593213093	0
ATP6VOE2-AS1	PHLDA3	-0.381996046	1.81E-17
ATP6VOE2-AS1	PTP4A3	-0.35270994	3.52E-14
ATP6VOE2-AS1	CRABP2	-0.302993614	1.12E-10
ATP6VOE2-AS1	GOS2	-0.393018776	0
ATP6VOE2-AS1	S100A6	-0.528768258	0
ATP6VOE2-AS1	FOXQ1	-0.558330095	0
ATP6VOE2-AS1	LRG1	-0.52557749	0
ATP6VOE2-AS1	LAMP5	-0.352548246	3.62E-14
ATP6VOE2-AS1	ALDH3B1	-0.542477668	0
ATP6VOE2-AS1	CDH2	-0.153822369	0.001239204
ATP6VOE2-AS1	SCG5	-0.286581924	1.14E-09
ATP6VOE2-AS1	ZCCHC16	-0.440230519	3.10E-22
ATP6VOE2-AS1	GRB7	-0.618640236	0
ATP6VOE2-AS1	TIAM1	-0.511439874	0
ATP6VOE2-AS1	FXYD5	-0.360416944	8.16E-15
ATP6VOE2-AS1	CLDN9	-0.416544734	0
ATP6VOE2-AS1	FAM43A	-0.515646479	0
ATP6VOE2-AS1	CHST2	-0.569605296	0
ATP6VOE2-AS1	HMGA2	-0.548317386	0
ATP6VOE2-AS1	GALNT7	-0.648097255	0
ATP6VOE2-AS1	CBLN1	-0.478410119	0
ATP6VOE2-AS1	STRA6	-0.531426853	0
ATP6VOE2-AS1	MUC21	-0.588901618	2.49E-42
ATP6VOE2-AS1	PRR36	-0.552181171	0
ATP6VOE2-AS1	NFE2L3	-0.560147028	0
ATP6VOE2-AS1	NR1D1	-0.368477265	1.53E-15
ATP6VOE2-AS1	MUC1	-0.471960501	0
ATP6VOE2-AS1	NAT8L	-0.327081247	2.80E-12
ATP6VOE2-AS1	APOC1	-0.293328549	4.47E-10
ATP6VOE2-AS1	EVA1A	-0.608432359	0
ATP6VOE2-AS1	ENTPD1	-0.442424053	0
ATP6VOE2-AS1	COL1A1	-0.397859961	0
ATP6VOE2-AS1	FNDC4	-0.449259894	0
ATP6VOE2-AS1	FRMD3	-0.351037539	4.77E-14
ATP6VOE2-AS1	SHROOM4	-0.631124173	0
ATP6VOE2-AS1	NELL2	-0.510253264	0
ATP6VOE2-AS1	EPHB3	-0.57120068	0
ATP6VOE2-AS1	TMC6	-0.547723798	0
ATP6VOE2-AS1	NOD1	-0.596608391	0
ATP6VOE2-AS1	GGCT	-0.576013214	0
ATP6VOE2-AS1	ICAM1	-0.592726734	0
ATP6VOE2-AS1	PRSS23	-0.611420584	0
ATP6VOE2-AS1	CFI	-0.541933864	0
ATP6VOE2-AS1	CD55	-0.627297691	0
ATP6VOE2-AS1	RASD2	-0.54545951	0
ATP6VOE2-AS1	KLK11	-0.473734745	6.10E-26
ATP6VOE2-AS1	ICAM5	-0.51530834	0
ATP6VOE2-AS1	ADORA1	-0.453663937	0

ATP6VOE2-AS1	ITGA2	-0.619572531	0
ATP6VOE2-AS1	ABCC3	-0.51107053	0
ATP6VOE2-AS1	MFGE8	-0.559792436	0
ATP6VOE2-AS1	STK32A	-0.415766332	0
ATP6VOE2-AS1	CYSLTR2	-0.554747005	0
ATP6VOE2-AS1	LAD1	-0.585545803	0
ATP6VOE2-AS1	MGAT3	-0.544275595	0
ATP6VOE2-AS1	IGFBP6	-0.461594334	0
ATP6VOE2-AS1	CYP2S1	-0.546167419	0
ATP6VOE2-AS1	KCNJ2	-0.550393173	0
ATP6VOE2-AS1	FAM20A	-0.521397975	0
ATP6VOE2-AS1	TGFA	-0.634096512	0
ATP6VOE2-AS1	MXRA8	-0.596825118	0
ATP6VOE2-AS1	C8orf4	-0.487286571	0
ATP6VOE2-AS1	CLDN10	-0.583668407	1.94E-41
ATP6VOE2-AS1	PDE5A	-0.652300456	0
ATP6VOE2-AS1	APOE	-0.293285288	4.50E-10
ATP6VOE2-AS1	SPOCK2	-0.508107978	0
ATP6VOE2-AS1	TENM1	-0.368764627	1.44E-15
ATP6VOE2-AS1	SLIT1	-0.357199795	1.52E-14
ATP6VOE2-AS1	CXCL14	-0.34732254	9.28E-14
ATP6VOE2-AS1	ECM1	-0.281265726	2.35E-09
ATP6VOE2-AS1	DUSP5	-0.63256694	0
ATP6VOE2-AS1	SEZ6L2	-0.423532908	0
ATP6VOE2-AS1	THRSP	-0.252264146	9.36E-08
ATP6VOE2-AS1	C19orf33	-0.508821844	0
ATP6VOE2-AS1	MPZL2	-0.675998462	0
ATP6VOE2-AS1	CTSH	-0.56188581	0
ATP6VOE2-AS1	CYP1B1	-0.587360184	0
ATP6VOE2-AS1	ALOX5	-0.482007251	0
ATP6VOE2-AS1	SYTL5	-0.630411747	5.17E-50
ATP6VOE2-AS1	TNFRSF12A	-0.531439619	0
ATP6VOE2-AS1	DUSP6	-0.599412936	0
ATP6VOE2-AS1	ALOX15B	-0.544667349	0
ATP6VOE2-AS1	SDC4	-0.690187282	0
ATP6VOE2-AS1	MDK	-0.502266699	0
ATP6VOE2-AS1	KRT19	-0.57224687	0
ATP6VOE2-AS1	MET	-0.739096412	0
ATP6VOE2-AS1	TESC	-0.404529852	0
ATP6VOE2-AS1	CXCL17	-0.504883258	8.98E-30
ATP6VOE2-AS1	NPC2	-0.468482655	0
ATP6VOE2-AS1	COMP	-0.425143185	0
ATP6VOE2-AS1	TUSC3	-0.570588227	0
ATP6VOE2-AS1	TMPRSS4	-0.624482791	0
ATP6VOE2-AS1	LGALS3	-0.591465802	0
ATP6VOE2-AS1	CRLF1	-0.414780564	0
ATP6VOE2-AS1	CTXN1	-0.509790308	0
ATP6VOE2-AS1	PCSK1N	-0.298814242	2.05E-10
ATP6VOE2-AS1	NMU	-0.442470355	1.80E-22
ATP6VOE2-AS1	GALE	-0.526635169	0
ATP6VOE2-AS1	PCSK2	-0.220315049	3.34E-06

ATP6VOE2-AS1	GJB3	-0.558992616	0
ATP6VOE2-AS1	SLPI	-0.476041297	0
ATP6VOE2-AS1	AGR2	-0.378060491	1.23E-16
ATP6VOE2-AS1	MRC2	-0.53047314	0
ATP6VOE2-AS1	GOLT1A	-0.471885044	0
ATP6VOE2-AS1	SLC27A6	-0.581765014	4.05E-41
ATP6VOE2-AS1	KCNN4	-0.5885241	0
ATP6VOE2-AS1	ETV4	-0.461321385	1.61E-24
ATP6VOE2-AS1	SYT12	-0.649408114	0
ATP6VOE2-AS1	PVRL4	-0.626028532	0
ATP6VOE2-AS1	PLCD3	-0.563091425	0
ATP6VOE2-AS1	PLAU	-0.517418876	0
ATP6VOE2-AS1	LRRK2	-0.424575411	0
ATP6VOE2-AS1	SFN	-0.510608566	0
ATP6VOE2-AS1	LPAR5	-0.612495284	0
ATP6VOE2-AS1	NGEF	-0.558150671	0
ATP6VOE2-AS1	DTX4	-0.575949954	0
ATP6VOE2-AS1	CST6	-0.519254958	0
ATP6VOE2-AS1	QPCT	-0.535872029	0
ATP6VOE2-AS1	TIMP1	-0.52738336	0
ATP6VOE2-AS1	CAMK2N1	-0.595561632	0
ATP6VOE2-AS1	KLHDC8A	-0.343520596	1.81E-13
ATP6VOE2-AS1	PDLIM4	-0.574157558	0
ATP6VOE2-AS1	SCEL	-0.629165402	0
ATP6VOE2-AS1	LCN2	-0.532232772	0
ATP6VOE2-AS1	PROS1	-0.64344599	0
ATP6VOE2-AS1	GABRB2	-0.691045113	0
ATP6VOE2-AS1	TMPRSS6	-0.57976282	0
ATP6VOE2-AS1	KLK7	-0.467890279	2.90E-25
ATP6VOE2-AS1	PDZK1IP1	-0.471319965	0
ATP6VOE2-AS1	CDH3	-0.612331888	0
ATP6VOE2-AS1	LRP4	-0.508802554	0
ATP6VOE2-AS1	IGSF1	-0.419742168	0
ATP6VOE2-AS1	B3GNT3	-0.591885356	0
ATP6VOE2-AS1	CLDN1	-0.620317602	0
ATP6VOE2-AS1	GDF15	-0.531186723	0
ATP6VOE2-AS1	ARHGAP36	-0.38943706	2.39E-17
ATP6VOE2-AS1	LAMB3	-0.608538312	0
ATP6VOE2-AS1	KLK10	-0.550492033	0
ATP6VOE2-AS1	DPP4	-0.629939265	0
ATP6VOE2-AS1	METTL7B	-0.501825302	0
ATP6VOE2-AS1	LIPH	-0.69063265	0
ATP6VOE2-AS1	CLDN16	-0.572467143	0
ATP6VOE2-AS1	CHI3L1	-0.500699683	0
ATP6VOE2-AS1	SLC22A31	-0.544403654	3.07E-35
ATP6VOE2-AS1	TACSTD2	-0.628676631	0
ATP6VOE2-AS1	SFTPB	-0.507814091	0
ATP6VOE2-AS1	RXRG	-0.497183824	0
ATP6VOE2-AS1	DCSTAMP	-0.582010597	3.69E-41
ATP6VOE2-AS1	CITED1	-0.438757847	0
ATP6VOE2-AS1	SERPINA1	-0.610514387	0

ATP6VOE2-AS1	PRR15	-0.502865961	0
ATP6VOE2-AS1	SLC34A2	-0.603226795	0
ATP6VOE2-AS1	FN1	-0.655180743	0
ATP6VOE2-AS1	ZCCHC12	-0.479528505	0
RP11-395N3.2	TFF3	0.679184834	0
RP11-395N3.2	CCL21	0.404443192	1.05E-18
RP11-395N3.2	TPO	0.658253077	0
RP11-395N3.2	MT1G	0.609718538	0
RP11-395N3.2	DI01	0.609987745	0
RP11-395N3.2	DPT	0.340382429	2.28E-13
RP11-395N3.2	CDH16	0.604430425	0
RP11-395N3.2	CRABP1	0.54486574	2.62E-35
RP11-395N3.2	SLC26A7	0.692394835	0
RP11-395N3.2	MT1H	0.553004614	1.58E-36
RP11-395N3.2	SLC26A4	0.691938828	0
RP11-395N3.2	SLC5A8	0.612942124	1.22E-46
RP11-395N3.2	PKHD1L1	0.600827691	2.01E-44
RP11-395N3.2	TFCP2L1	0.623164557	0
RP11-395N3.2	WSCD2	0.680394587	5.73E-61
RP11-395N3.2	IPCEF1	0.64370541	0
RP11-395N3.2	SLC5A5	0.505428839	7.63E-30
RP11-395N3.2	MT1F	0.615082393	0
RP11-395N3.2	FOSB	0.431076799	0
RP11-395N3.2	SEMA3D	0.674744717	1.27E-59
RP11-395N3.2	BMP8A	0.668647044	0
RP11-395N3.2	MATN2	0.660152276	0
RP11-395N3.2	PLA2R1	0.587362312	0
RP11-395N3.2	COL23A1	0.678002054	0
RP11-395N3.2	HGD	0.714019891	0
RP11-395N3.2	TCEAL2	0.58049782	0
RP11-395N3.2	CHRD1	0.380198486	1.51E-16
RP11-395N3.2	TNFRSF11B	0.559159558	0
RP11-395N3.2	FAM167A	0.676804665	0
RP11-395N3.2	KIT	0.615100123	0
RP11-395N3.2	SLC4A4	0.719509839	0
RP11-395N3.2	SMOC2	0.478385581	0
RP11-395N3.2	FHL1	0.735049941	0
RP11-395N3.2	OTOS	0.622049291	0
RP11-395N3.2	IGFBPL1	0.612728126	1.34E-46
RP11-395N3.2	HBB	0.365179268	3.11E-15
RP11-395N3.2	BEX1	0.630770147	0
RP11-395N3.2	FABP4	0.562091128	6.26E-38
RP11-395N3.2	LMOD1	0.662059702	0
RP11-395N3.2	SOD3	0.578612804	0
RP11-395N3.2	TMEM171	0.502185568	0
RP11-395N3.2	PI16	0.374311452	3.76E-16
RP11-395N3.2	ZMAT4	0.701405013	2.96E-66
RP11-395N3.2	MFAP4	0.357607718	1.41E-14
RP11-395N3.2	CWH43	0.553272982	1.44E-36
RP11-395N3.2	SPX	0.755303007	0
RP11-395N3.2	APOD	0.168715126	0.000391564

RP11-395N3.2	DPP6	0.666385876	0
RP11-395N3.2	MMRN1	0.45579504	0
RP11-395N3.2	WDR72	0.595008184	0
RP11-395N3.2	MPPED2	0.753573728	0
RP11-395N3.2	PAPSS2	0.462527055	0
RP11-395N3.2	DCN	0.149877169	0.001654446
RP11-395N3.2	SORBS2	0.719089008	0
RP11-395N3.2	EGR2	0.421274151	0
RP11-395N3.2	EDN3	0.700998142	3.79E-66
RP11-395N3.2	DIO2	0.629704383	0
RP11-395N3.2	ITPR1	0.752811637	0
RP11-395N3.2	CFD	0.312719954	2.63E-11
RP11-395N3.2	CPXM1	0.511672912	0
RP11-395N3.2	ELMO1	0.718880224	0
RP11-395N3.2	GPC3	0.50130421	2.59E-29
RP11-395N3.2	MYOC	0.368407416	1.47E-15
RP11-395N3.2	DEPTOR	0.636044786	0
RP11-395N3.2	DGKI	0.592659077	0
RP11-395N3.2	CARTPT	0.656482463	1.82E-55
RP11-395N3.2	IYD	0.434710099	0
RP11-395N3.2	LYVE1	0.423439153	0
RP11-395N3.2	CLCNKB	0.688114616	0
RP11-395N3.2	NCAM1	0.404423475	0
RP11-395N3.2	HBA2	0.350875702	4.91E-14
RP11-395N3.2	GLT8D2	0.577039689	0
RP11-395N3.2	OGDHL	0.482931036	0
RP11-395N3.2	LIFR	0.598486881	0
RP11-395N3.2	CSGALNACT1	0.454518789	0
RP11-395N3.2	RAP1GAP	0.51041198	0
RP11-395N3.2	COL9A3	0.661557173	0
RP11-395N3.2	FBLN1	0.179314047	0.000162484
RP11-395N3.2	EFEMP1	0.429215187	0
RP11-395N3.2	AOX1	0.521225236	6.02E-32
RP11-395N3.2	GRIN2C	0.625420193	0
RP11-395N3.2	C11orf74	0.683188754	0
RP11-395N3.2	PPARGC1A	0.58464996	0
RP11-395N3.2	ANGPTL1	0.680754403	0
RP11-395N3.2	SCARA5	0.329838902	1.34E-12
RP11-395N3.2	LTF	0.536393848	0
RP11-395N3.2	CA4	0.67876474	1.41E-60
RP11-395N3.2	TG	0.660010014	0
RP11-395N3.2	FCGBP	0.665317417	0
RP11-395N3.2	PBX4	0.709363804	0
RP11-395N3.2	CYR61	0.449296488	0
RP11-395N3.2	FOS	0.447411189	0
RP11-395N3.2	KHDRBS2	0.682368652	0
RP11-395N3.2	MUM1L1	0.547478845	0
RP11-395N3.2	RGS16	0.597459413	0
RP11-395N3.2	MT1M	0.508640293	0
RP11-395N3.2	LRP2	0.611459731	0
RP11-395N3.2	MAFB	0.517662269	0

RP11-395N3.2	KCNK2	0.539329734	0
RP11-395N3.2	TBC1D4	0.71586505	0
RP11-395N3.2	MIOX	0.710019187	1.47E-68
RP11-395N3.2	TPPP	0.548769563	0
RP11-395N3.2	FMOD	0.528006876	0
RP11-395N3.2	CITED2	0.430145638	0
RP11-395N3.2	RGS8	0.653659572	7.53E-55
RP11-395N3.2	ABI3BP	0.428687553	0
RP11-395N3.2	ADH1B	0.389328238	2.44E-17
RP11-395N3.2	OGN	0.255869373	5.43E-08
RP11-395N3.2	NR4A1	0.384696766	0
RP11-395N3.2	FOXJ1	0.726309065	3.73E-73
RP11-395N3.2	ALDH1A1	0.680458389	0
RP11-395N3.2	OCA2	0.568265635	6.59E-39
RP11-395N3.2	TMEM139	0.379421134	7.45E-17
RP11-395N3.2	ARHGAP24	0.661852194	0
RP11-395N3.2	SLC25A15	0.541064403	0
RP11-395N3.2	DES	0.265578052	1.60E-08
RP11-395N3.2	GDF10	0.521609851	5.34E-32
RP11-395N3.2	KIAA1324	0.710269576	0
RP11-395N3.2	JUN	0.465225791	0
RP11-395N3.2	C7	0.137317066	0.003970864
RP11-395N3.2	LGI3	0.691719123	0
RP11-395N3.2	CDON	0.790443581	0
RP11-395N3.2	BCL2	0.620414902	0
RP11-395N3.2	HLF	0.776091649	0
RP11-395N3.2	EGR1	0.495119668	0
RP11-395N3.2	IP6K3	0.527337405	0
RP11-395N3.2	SCUBE3	0.538395311	0
RP11-395N3.2	PKNOX2	0.708770357	0
RP11-395N3.2	SMAD9	0.496261882	0
RP11-395N3.2	IQGAP2	0.568559105	0
RP11-395N3.2	GNA14	0.684404724	0
RP11-395N3.2	LAYN	0.589828859	0
RP11-395N3.2	AVPR1A	0.628448557	0
RP11-395N3.2	PDLIM3	0.478665001	0
RP11-395N3.2	GPM6A	0.55197026	0
RP11-395N3.2	SDPR	0.600617701	0
RP11-395N3.2	CRYAB	0.200913289	2.31E-05
RP11-395N3.2	FOXA2	0.551274367	2.89E-36
RP11-395N3.2	C8orf88	0.629173487	0
RP11-395N3.2	ISM1	0.646905397	0
RP11-395N3.2	BMP2	0.340198203	3.20E-13
RP11-395N3.2	ID4	0.6233532	0
RP11-395N3.2	NUPR1	0.326784382	2.93E-12
RP11-395N3.2	SERTM1	0.463848909	8.35E-25
RP11-395N3.2	IRS1	0.873032364	0
RP11-395N3.2	FIBIN	0.257817921	4.78E-08
RP11-395N3.2	PODN	0.216553953	4.93E-06
RP11-395N3.2	TDRD9	0.406701521	0
RP11-395N3.2	EPHA3	0.443407268	0

RP11-395N3.2	AIF1L	0.419231838	0
RP11-395N3.2	EBF4	0.736509445	0
RP11-395N3.2	ADM2	0.517867082	0
RP11-395N3.2	GSTM3	0.637509964	0
RP11-395N3.2	HSD17B6	0.395074422	0
RP11-395N3.2	AGR3	0.406532613	6.69E-19
RP11-395N3.2	EPHB1	0.487762009	0
RP11-395N3.2	TMOD1	0.453792158	0
RP11-395N3.2	WASF3	0.714686384	0
RP11-395N3.2	SELV	0.689521742	3.29E-63
RP11-395N3.2	ENPP1	0.337324583	5.20E-13
RP11-395N3.2	SYNE1	0.714588683	8.14E-70
RP11-395N3.2	PLCH1	0.680558101	0
RP11-395N3.2	CCDC146	0.742428167	0
RP11-395N3.2	SLC16A2	0.740828102	0
RP11-395N3.2	IER2	0.586120953	0
RP11-395N3.2	KCNAB1	0.747665361	0
RP11-395N3.2	SYNDIG1	0.567329235	0
RP11-395N3.2	C16orf89	0.696268123	0
RP11-395N3.2	CTGF	0.350573731	5.19E-14
RP11-395N3.2	NR4A3	0.202759725	1.94E-05
RP11-395N3.2	KIAA1456	0.626158455	0
RP11-395N3.2	AQP4	0.622604016	0
RP11-395N3.2	RNF150	0.685765793	0
RP11-395N3.2	C1S	0.084523441	0.076886621
RP11-395N3.2	PFKFB2	0.533144501	0
RP11-395N3.2	PROX1	0.60638877	0
RP11-395N3.2	TCF7L1	0.742193284	0
RP11-395N3.2	HSPB6	0.418300961	0
RP11-395N3.2	FHDC1	0.526621411	0
RP11-395N3.2	PRR15L	0.495930409	0
RP11-395N3.2	SLC1A1	0.421071041	0
RP11-395N3.2	BTBD11	0.792679786	0
RP11-395N3.2	TRIM58	0.53497732	0
RP11-395N3.2	LRIG1	0.561221303	0
RP11-395N3.2	ROR2	0.37833991	1.12E-16
RP11-395N3.2	GPR125	0.699907522	0
RP11-395N3.2	FLRT1	0.762219694	0
RP11-395N3.2	PGF	0.610127455	0
RP11-395N3.2	DUSP1	0.39514605	0
RP11-395N3.2	PLA2G7	0.41594221	0
RP11-395N3.2	PLSCR4	0.52263366	0
RP11-395N3.2	FAM46B	0.366286165	2.46E-15
RP11-395N3.2	GLDC	0.526521983	0
RP11-395N3.2	ZBTB16	0.53986517	0
RP11-395N3.2	OMD	0.178608602	0.000168636
RP11-395N3.2	HSD11B2	0.67408508	0
RP11-395N3.2	FGL2	0.210314822	9.26E-06
RP11-395N3.2	CLCNKA	0.7416405	8.53E-78
RP11-395N3.2	GATM	0.530562498	0
RP11-395N3.2	TNS3	0.448356249	0

RP11-395N3.2	TOB1	0.381196226	3.16E-17
RP11-395N3.2	MARC2	0.640209125	0
RP11-395N3.2	LRRC2	0.558287544	0
RP11-395N3.2	SORD	0.361881555	6.10E-15
RP11-395N3.2	RIMS4	0.583921768	0
RP11-395N3.2	SLC29A4	0.635523819	0
RP11-395N3.2	SLC39A14	0.576444682	0
RP11-395N3.2	FAXDC2	0.678305869	0
RP11-395N3.2	HSPB8	0.19145871	5.57E-05
RP11-395N3.2	CCL19	-0.017342644	0.71708303
RP11-395N3.2	KCNIP3	0.724054868	0
RP11-395N3.2	CGNL1	0.652206135	0
RP11-395N3.2	ATF3	0.129133489	0.006775892
RP11-395N3.2	SGCD	0.371152313	8.30E-16
RP11-395N3.2	STARD13	0.62870585	0
RP11-395N3.2	LDHD	0.622480192	0
RP11-395N3.2	RCAN1	0.357601477	1.41E-14
RP11-395N3.2	ID3	0.386795814	0
RP11-395N3.2	SYTL3	0.622646	0
RP11-395N3.2	MT1E	0.425121484	0
RP11-395N3.2	CAMK1D	0.651158809	0
RP11-395N3.2	PRKCQ	0.65086393	0
RP11-395N3.2	NUAK2	0.345179807	1.35E-13
RP11-395N3.2	LIPG	0.677515269	0
RP11-395N3.2	SLC25A25	0.309774706	4.10E-11
RP11-395N3.2	PRKX	0.296236919	2.96E-10
RP11-395N3.2	SRPX	0.33034804	1.65E-12
RP11-395N3.2	FAM189A1	0.685553463	0
RP11-395N3.2	PLEKHH1	0.669015253	0
RP11-395N3.2	WNT11	0.517656028	0
RP11-395N3.2	SNAI1	0.392122791	0
RP11-395N3.2	FDCSP	0.048665271	0.308988675
RP11-395N3.2	MT1X	0.490028992	0
RP11-395N3.2	ACACB	0.752318186	0
RP11-395N3.2	ARC	0.263240071	2.44E-08
RP11-395N3.2	KLK4	0.174276501	0.000243307
RP11-395N3.2	ZFPM2	0.519224179	0
RP11-395N3.2	AKAP12	0.42789525	0
RP11-395N3.2	GJB6	0.332420328	8.71E-13
RP11-395N3.2	ERO1LB	0.656133605	0
RP11-395N3.2	DNALI1	0.713170712	0
RP11-395N3.2	HKDC1	0.396378331	0
RP11-395N3.2	ZFP36L2	0.487201752	0
RP11-395N3.2	CAPSL	0.749505209	2.63E-80
RP11-395N3.2	CYP7B1	0.551730697	0
RP11-395N3.2	CPQ	0.623120587	0
RP11-395N3.2	RPS6KA6	0.71311684	2.08E-69
RP11-395N3.2	TLE1	0.51051694	0
RP11-395N3.2	TP53INP2	0.623389794	0
RP11-395N3.2	KATNAL2	0.751136966	0
RP11-395N3.2	SGPP2	0.206799672	1.31E-05

RP11-395N3.2	CTH	0.536670856	0
RP11-395N3.2	KIF12	0.463076249	0
RP11-395N3.2	TMEM220	0.680293291	0
RP11-395N3.2	CENPJ	0.58598408	0
RP11-395N3.2	FAM155B	0.692574543	0
RP11-395N3.2	WFS1	0.584480465	0
RP11-395N3.2	SELENBP1	0.685906921	0
RP11-395N3.2	SNTA1	0.516459206	0
RP11-395N3.2	FRAS1	0.249272801	1.34E-07
RP11-395N3.2	FBLN7	0.552588102	0
RP11-395N3.2	AGPAT9	0.56117705	0
RP11-395N3.2	GPR83	0.6309317	0
RP11-395N3.2	PRTG	0.605517464	0
RP11-395N3.2	EGR3	0.283069327	1.84E-09
RP11-395N3.2	GRAMD2	0.429846788	0
RP11-395N3.2	HYOU1	0.593035655	0
RP11-395N3.2	FBLN5	0.326426527	3.10E-12
RP11-395N3.2	ITM2A	0.567723117	0
RP11-395N3.2	SRF	0.551876363	0
RP11-395N3.2	FGFR2	0.510875078	0
RP11-395N3.2	MT1A	0.272484103	6.51E-09
RP11-395N3.2	MAMDC2	0.358185421	1.26E-14
RP11-395N3.2	FHL2	0.379089661	8.50E-17
RP11-395N3.2	FTCDNL1	0.485177311	0
RP11-395N3.2	PKIA	0.496020759	0
RP11-395N3.2	DNAJB4	0.492372992	0
RP11-395N3.2	SLC25A33	0.598455677	0
RP11-395N3.2	EYA2	0.308331088	5.08E-11
RP11-395N3.2	LPAR1	0.203239844	1.85E-05
RP11-395N3.2	STX11	0.227354567	1.59E-06
RP11-395N3.2	ARHGEF28	0.535789905	0
RP11-395N3.2	OR2W3	0.563480059	0
RP11-395N3.2	ALDH1B1	0.412016953	2.03E-19
RP11-395N3.2	CXCL12	0.251364757	1.04E-07
RP11-395N3.2	OLFM2	0.6060051	0
RP11-395N3.2	TUB	0.517645106	0
RP11-395N3.2	HTRA3	0.257315392	5.08E-08
RP11-395N3.2	CKB	0.471592434	0
RP11-395N3.2	RGS2	0.061414201	0.198949797
RP11-395N3.2	SHANK2	0.72431287	0
RP11-395N3.2	CNTFR	0.645200043	4.85E-53
RP11-395N3.2	CYTH3	0.598231575	0
RP11-395N3.2	PLAC9	0.44271255	0
RP11-395N3.2	WVOX	0.722178789	0
RP11-395N3.2	NPR3	0.498189591	0
RP11-395N3.2	SDC2	0.52808205	0
RP11-395N3.2	KLF15	0.615799947	0
RP11-395N3.2	TMEM164	0.657606725	0
RP11-395N3.2	LONRF3	0.394512321	0
RP11-395N3.2	GBP1	0.167594329	0.000428479
RP11-395N3.2	ARHGAP6	0.396500736	0

RP11-395N3.2	TMEM119	0.15571249	0.001076401
RP11-395N3.2	SH3RF1	0.511070246	0
RP11-395N3.2	CRELD2	0.564942825	0
RP11-395N3.2	PCP4	0.079643819	0.095582055
RP11-395N3.2	GCSH	0.703242113	0
RP11-395N3.2	IMPA2	0.542443769	0
RP11-395N3.2	C1R	0.071906887	0.132474012
RP11-395N3.2	SUCNR1	0.398805448	0
RP11-395N3.2	SFRP1	0.46897951	0
RP11-395N3.2	UGT8	0.45419767	0
RP11-395N3.2	TLE4	0.361593625	6.46E-15
RP11-395N3.2	ANTXR1	0.471845329	0
RP11-395N3.2	GPX3	0.428289132	0
RP11-395N3.2	DPY19L2	0.67450591	0
RP11-395N3.2	FAM46C	0.468387482	0
RP11-395N3.2	IL33	0.234310552	6.88E-07
RP11-395N3.2	PEG3	0.685985357	0
RP11-395N3.2	FAHD2A	0.636459802	0
RP11-395N3.2	PTGDS	0.113402616	0.017497981
RP11-395N3.2	CHCHD10	0.379545384	7.08E-17
RP11-395N3.2	CD36	0.594173331	0
RP11-395N3.2	ANKRD37	0.572357929	0
RP11-395N3.2	TSPAN33	0.526898135	0
RP11-395N3.2	PRDM16	0.669764437	0
RP11-395N3.2	UST	0.698694247	0
RP11-395N3.2	NEXN	0.571176	0
RP11-395N3.2	NUPR1L	0.346145344	8.40E-14
RP11-395N3.2	SLC24A3	0.577929575	0
RP11-395N3.2	MARC1	0.712499681	0
RP11-395N3.2	MYH11	0.32998749	1.75E-12
RP11-395N3.2	APOA1	0.612163832	1.70E-46
RP11-395N3.2	TMEM178B	0.482496589	0
RP11-395N3.2	CAPN6	0.359359378	7.91E-15
RP11-395N3.2	PPM1L	0.675633799	0
RP11-395N3.2	FZD8	0.662673857	0
RP11-395N3.2	RCAN2	0.647025817	0
RP11-395N3.2	COPZ2	0.53667043	0
RP11-395N3.2	GAS1	0.254769415	6.92E-08
RP11-395N3.2	DACT1	0.474878233	0
RP11-395N3.2	WBSCR17	0.647724932	0
RP11-395N3.2	NCS1	0.455175637	0
RP11-395N3.2	SPIRE2	0.476611624	0
RP11-395N3.2	C15orf52	0.466211559	0
RP11-395N3.2	SPAG5	0.518961497	0
RP11-395N3.2	ARL4D	0.494764082	0
RP11-395N3.2	FAM189A2	0.597330767	0
RP11-395N3.2	MAP1LC3A	0.638943512	0
RP11-395N3.2	KLF6	0.083833971	0.079332165
RP11-395N3.2	ADD3	0.474596828	0
RP11-395N3.2	TSPAN7	0.510029304	0
RP11-395N3.2	KLF9	0.505997158	0

RP11-395N3.2	KCNQ1	0.663708984	0
RP11-395N3.2	MAN1A1	0.199090398	2.75E-05
RP11-395N3.2	MLF1	0.372787128	5.57E-16
RP11-395N3.2	RARB	0.672408707	0
RP11-395N3.2	CDC42EP2	0.486506183	0
RP11-395N3.2	FAM3B	0.211322149	8.38E-06
RP11-395N3.2	GADD45B	0.298268027	2.22E-10
RP11-395N3.2	TMEM47	0.588042846	0
RP11-395N3.2	SDF2L1	0.503787619	0
RP11-395N3.2	CCDC85A	0.347717415	8.66E-14
RP11-395N3.2	CRYBG3	0.192896229	4.89E-05
RP11-395N3.2	FBLN2	0.03146132	0.510729938
RP11-395N3.2	PEBP4	0.371075154	8.45E-16
RP11-395N3.2	CDADC1	0.762352312	0
RP11-395N3.2	FAM63A	0.660183764	0
RP11-395N3.2	GLUL	0.383952263	0
RP11-395N3.2	FREM2	0.444271198	0
RP11-395N3.2	ACKR3	0.551084912	0
RP11-395N3.2	DENND6A	0.683162798	0
RP11-395N3.2	CLDN8	0.040245151	0.400107482
RP11-395N3.2	UTS2R	0.200357822	2.35E-05
RP11-395N3.2	SCNN1B	0.445468304	0
RP11-395N3.2	TTC30A	0.592324767	0
RP11-395N3.2	CORO2B	0.716555372	0
RP11-395N3.2	TC2N	0.234192252	7.52E-07
RP11-395N3.2	ALDH2	0.616307866	0
RP11-395N3.2	GPR183	0.01768553	0.711628865
RP11-395N3.2	C4orf47	0.68121197	0
RP11-395N3.2	SLC25A42	0.756056304	0
RP11-395N3.2	LGMN	0.531930942	0
RP11-395N3.2	ACSF2	0.625398208	0
RP11-395N3.2	KIAA1467	0.598278806	0
RP11-395N3.2	PRKG1	0.70932721	0
RP11-395N3.2	GNAI1	0.624038557	0
RP11-395N3.2	ABCC4	0.403864494	0
RP11-395N3.2	PRPS1	0.601625454	0
RP11-395N3.2	TSPAN5	0.338947625	3.96E-13
RP11-395N3.2	CR2	0.217262177	4.34E-06
RP11-395N3.2	CCDC170	0.477971275	0
RP11-395N3.2	RRAD	0.000864072	0.985592054
RP11-395N3.2	SCGB2A1	0.450264952	0
RP11-395N3.2	SESN3	0.39983093	0
RP11-395N3.2	SGK223	0.285827634	1.27E-09
RP11-395N3.2	NDRG2	0.727658099	0
RP11-395N3.2	C3orf52	0.259557837	3.86E-08
RP11-395N3.2	FLRT3	-0.238349782	4.72E-07
RP11-395N3.2	MST1R	-0.602643419	0
RP11-395N3.2	SDC1	-0.504475671	0
RP11-395N3.2	ST8SIA4	-0.563631683	0
RP11-395N3.2	UBTD1	-0.348495534	7.54E-14
RP11-395N3.2	EPHA2	-0.40668833	0

RP11-395N3.2	TMEM130	-0.138345101	0.003705627
RP11-395N3.2	SPINK2	-0.478714076	0
RP11-395N3.2	MMP16	-0.581627836	0
RP11-395N3.2	SIGLEC15	-0.50756233	0
RP11-395N3.2	RIN1	-0.515333587	0
RP11-395N3.2	IL1RN	-0.680191877	0
RP11-395N3.2	FCER1G	-0.335050225	7.61E-13
RP11-395N3.2	CD276	-0.580364777	0
RP11-395N3.2	CTSB	-0.535072635	0
RP11-395N3.2	FAM171A2	-0.040013673	0.402824936
RP11-395N3.2	ASPHD1	-0.622354667	0
RP11-395N3.2	C15orf48	-0.515625771	0
RP11-395N3.2	DYSF	-0.135428362	0.004503362
RP11-395N3.2	PDZRN4	0.007685019	0.872387586
RP11-395N3.2	EFHD2	-0.136956941	0.004067769
RP11-395N3.2	ASF1B	-0.468144373	0
RP11-395N3.2	AQP1	-0.141018164	0.003089465
RP11-395N3.2	ARRDC2	-0.418308621	0
RP11-395N3.2	PRSS1	-0.348980351	5.11E-14
RP11-395N3.2	MAPK13	-0.483865033	0
RP11-395N3.2	CST5	-0.679129215	1.15E-60
RP11-395N3.2	AHR	-0.549393363	0
RP11-395N3.2	BAX	-0.511589654	0
RP11-395N3.2	C1orf115	-0.266883441	1.54E-08
RP11-395N3.2	PLK3	-0.458146983	0
RP11-395N3.2	JAG2	-0.264121447	2.19E-08
RP11-395N3.2	RAD23B	-0.515290185	0
RP11-395N3.2	CA12	0.269450551	1.11E-08
RP11-395N3.2	ADTRP	-0.395472133	0
RP11-395N3.2	UCP2	-0.45440149	0
RP11-395N3.2	IGFBP2	-0.280776955	2.51E-09
RP11-395N3.2	LOXL2	-0.303673865	1.01E-10
RP11-395N3.2	GPX1	-0.414288673	0
RP11-395N3.2	P3H3	-0.437172534	0
RP11-395N3.2	C2orf81	-0.284584431	1.50E-09
RP11-395N3.2	CDT1	-0.531162894	0
RP11-395N3.2	SNX25	-0.211714329	8.05E-06
RP11-395N3.2	MTHFD1L	-0.609426921	0
RP11-395N3.2	CDC42BPG	-0.642350179	1.91E-52
RP11-395N3.2	MSN	-0.61471773	0
RP11-395N3.2	SIGLEC6	-0.499659401	4.21E-29
RP11-395N3.2	F2R	-0.232757144	8.81E-07
RP11-395N3.2	TMEM184A	-0.585248513	0
RP11-395N3.2	CKS2	-0.379373903	7.60E-17
RP11-395N3.2	TAX1BP3	-0.60696009	0
RP11-395N3.2	PMEP1	-0.4714323	0
RP11-395N3.2	CXCL16	-0.690479041	0
RP11-395N3.2	FAXC	-0.625869249	0
RP11-395N3.2	VTCN1	-0.669135831	2.59E-58
RP11-395N3.2	SH2D4A	-0.492660354	0
RP11-395N3.2	RNF24	-0.37059234	9.46E-16

RP11-395N3.2	LY6G6C	-0.613335603	1.03E-46
RP11-395N3.2	NID1	-0.371529316	7.58E-16
RP11-395N3.2	STAC	-0.685242698	0
RP11-395N3.2	RAB34	-0.461903398	0
RP11-395N3.2	HES4	-0.325973074	3.34E-12
RP11-395N3.2	EPHA10	-0.63132856	0
RP11-395N3.2	ENTPD2	-0.380329034	5.01E-17
RP11-395N3.2	DDB2	-0.587900584	0
RP11-395N3.2	NKAIN4	-0.264718297	2.03E-08
RP11-395N3.2	TRIM29	-0.552070538	0
RP11-395N3.2	ADCY8	-0.514547634	4.81E-31
RP11-395N3.2	SFTA2	-0.550489622	0
RP11-395N3.2	NRIP1	-0.433854112	0
RP11-395N3.2	VWA1	-0.032697572	0.494255677
RP11-395N3.2	APLNR	-0.18137253	0.000136174
RP11-395N3.2	REN	-0.45265693	1.46E-23
RP11-395N3.2	EDIL3	-0.195231719	3.94E-05
RP11-395N3.2	AGR	-0.412717117	0
RP11-395N3.2	TREM1	-0.439113575	0
RP11-395N3.2	SRL	-0.349435346	6.37E-14
RP11-395N3.2	RASGRF1	-0.491064686	0
RP11-395N3.2	RMI2	-0.528573657	0
RP11-395N3.2	SAMD1	-0.498395538	0
RP11-395N3.2	MGAT4B	-0.642894811	0
RP11-395N3.2	NXN	-0.606824777	0
RP11-395N3.2	SH3BGRL3	-0.56021199	0
RP11-395N3.2	CA11	-0.140538754	0.003192604
RP11-395N3.2	PLD3	-0.141684656	0.002951109
RP11-395N3.2	LURAP1L	-0.567507383	0
RP11-395N3.2	CARNS1	-0.220338026	3.34E-06
RP11-395N3.2	PDLIM7	-0.349284999	6.54E-14
RP11-395N3.2	BCL2L1	-0.693510809	0
RP11-395N3.2	GGT6	-0.381450824	2.70E-17
RP11-395N3.2	DPYSL3	-0.299775472	1.78E-10
RP11-395N3.2	FYN	-0.513448429	0
RP11-395N3.2	TK1	-0.45741099	0
RP11-395N3.2	AK1	-0.180797522	0.000143089
RP11-395N3.2	HIGD1B	0.018126218	0.704775529
RP11-395N3.2	TMEM59L	-0.389061804	0
RP11-395N3.2	MEGF9	-0.455482714	0
RP11-395N3.2	ZFP36L1	-0.473153635	0
RP11-395N3.2	ADRA1B	-0.284803144	1.46E-09
RP11-395N3.2	EPHA4	-0.510769126	0
RP11-395N3.2	TCERG1L	-0.194655151	4.16E-05
RP11-395N3.2	NGFR	-0.218774414	3.92E-06
RP11-395N3.2	EBI3	-0.597030072	0
RP11-395N3.2	S100A10	-0.558767237	0
RP11-395N3.2	S100B	-0.414994454	0
RP11-395N3.2	CD44	-0.096945112	0.042366806
RP11-395N3.2	BHLHE41	-0.442846444	0
RP11-395N3.2	FBXO2	-0.310137525	3.88E-11

RP11-395N3.2	SLC30A2	-0.544790038	0
RP11-395N3.2	FRMD5	-0.655256342	0
RP11-395N3.2	SAMD11	-0.335366663	7.22E-13
RP11-395N3.2	SIPA1L2	-0.334520888	8.30E-13
RP11-395N3.2	S100A16	-0.65975726	0
RP11-395N3.2	PPL	-0.680924608	0
RP11-395N3.2	ARHGDIB	-0.20539052	1.50E-05
RP11-395N3.2	CDC42EP3	-0.625813507	0
RP11-395N3.2	RUNX2	-0.337377063	5.15E-13
RP11-395N3.2	LAMC2	-0.638281274	0
RP11-395N3.2	BRINP1	-0.469299069	0
RP11-395N3.2	GPRC5B	-0.499591367	0
RP11-395N3.2	AQP5	-0.080227904	0.093169075
RP11-395N3.2	PLAG1	-0.210525166	9.07E-06
RP11-395N3.2	PTPRU	-0.595729426	0
RP11-395N3.2	ANGPTL4	-0.515161396	0
RP11-395N3.2	PALM3	-0.411539585	0
RP11-395N3.2	ACP5	-0.419447856	0
RP11-395N3.2	DLG4	-0.138007671	0.00379086
RP11-395N3.2	ETNK2	-0.43383851	0
RP11-395N3.2	CD109	-0.53688276	0
RP11-395N3.2	SNX22	-0.292939915	4.72E-10
RP11-395N3.2	TMEM98	-0.54107887	0
RP11-395N3.2	CTHRC1	-0.442273139	0
RP11-395N3.2	S100A2	-0.562336852	0
RP11-395N3.2	C11orf80	-0.647672736	0
RP11-395N3.2	SREBF1	-0.470398733	0
RP11-395N3.2	PRSS22	-0.596051822	0
RP11-395N3.2	CMTM3	-0.488808341	0
RP11-395N3.2	RDH5	-0.433561502	0
RP11-395N3.2	MYH10	-0.434528264	0
RP11-395N3.2	EVPL	-0.546823416	0
RP11-395N3.2	SCD	-0.513556367	0
RP11-395N3.2	CD151	-0.470308666	0
RP11-395N3.2	S100A4	-0.537549962	0
RP11-395N3.2	BNIP1	-0.320993597	7.34E-12
RP11-395N3.2	MAP3K6	-0.562532729	0
RP11-395N3.2	MANEAL	-0.509367633	0
RP11-395N3.2	CD207	-0.403635005	1.24E-18
RP11-395N3.2	CD1A	-0.43416719	1.32E-21
RP11-395N3.2	C3	-0.410524031	0
RP11-395N3.2	NT5E	-0.4507628	0
RP11-395N3.2	CACNG4	-0.589179805	2.23E-42
RP11-395N3.2	FHOD1	-0.416886561	0
RP11-395N3.2	LEMD1	-0.547286088	0
RP11-395N3.2	ATP11A	-0.204077959	1.71E-05
RP11-395N3.2	PPAP2C	-0.306877115	6.31E-11
RP11-395N3.2	DRAM1	-0.621732285	0
RP11-395N3.2	CDA	-0.197042128	3.33E-05
RP11-395N3.2	CCND2	-0.194323394	4.29E-05
RP11-395N3.2	LCN6	-0.19275681	4.80E-05

RP11-395N3.2	CDH4	-0.430675258	0
RP11-395N3.2	MMP11	-0.540870511	0
RP11-395N3.2	B3GAT1	-0.396143023	0
RP11-395N3.2	SPP1	-0.361010391	7.26E-15
RP11-395N3.2	HLA-DQB1	-0.411667097	0
RP11-395N3.2	SDC3	-0.476052928	0
RP11-395N3.2	CX3CL1	-0.476789488	0
RP11-395N3.2	SDK1	-0.354840476	2.37E-14
RP11-395N3.2	DOCK9	-0.508920137	0
RP11-395N3.2	CSF2	-0.575192386	4.98E-40
RP11-395N3.2	GRHL3	-0.675910382	0
RP11-395N3.2	TMEM92	-0.647109361	1.92E-53
RP11-395N3.2	BASP1	-0.649883694	0
RP11-395N3.2	HRH1	-0.650664507	0
RP11-395N3.2	ESM1	-0.029357591	0.539408358
RP11-395N3.2	B4GALNT3	-0.485979116	0
RP11-395N3.2	LMO3	-0.230483069	1.13E-06
RP11-395N3.2	C9orf16	-0.592010173	0
RP11-395N3.2	SEMA3F	-0.1468037	0.002062566
RP11-395N3.2	PLA2G12B	-0.239142004	3.98E-07
RP11-395N3.2	KLK6	-0.491600149	4.32E-28
RP11-395N3.2	ST3GAL5	-0.270867079	9.25E-09
RP11-395N3.2	FAM132B	-0.177098409	0.000196093
RP11-395N3.2	CDKN1A	-0.407437655	0
RP11-395N3.2	E2F1	-0.543071682	0
RP11-395N3.2	B3GNT8	-0.358649228	1.15E-14
RP11-395N3.2	MTMR11	-0.542871691	0
RP11-395N3.2	MYO1G	-0.553621669	0
RP11-395N3.2	TMSB10	-0.527491156	0
RP11-395N3.2	UNC5CL	-0.622624015	0
RP11-395N3.2	ABR	-0.513297373	0
RP11-395N3.2	PLP2	-0.545510287	0
RP11-395N3.2	SRCIN1	-0.418345782	0
RP11-395N3.2	PDE9A	-0.692254558	0
RP11-395N3.2	TREM2	-0.345726447	1.23E-13
RP11-395N3.2	KDEL3	-0.474974398	0
RP11-395N3.2	PC	-0.551296675	0
RP11-395N3.2	C2CD4A	-0.687495071	0
RP11-395N3.2	PELI1	-0.577074013	0
RP11-395N3.2	SSX1	-0.397625505	0
RP11-395N3.2	MROH6	-0.567572911	0
RP11-395N3.2	ESPN	-0.425658053	0
RP11-395N3.2	BMP1	-0.326976997	2.84E-12
RP11-395N3.2	TM4SF4	-0.472176996	9.27E-26
RP11-395N3.2	CORO2A	-0.532438861	0
RP11-395N3.2	CD164L2	-0.490988892	5.14E-28
RP11-395N3.2	CTSS	-0.517729358	0
RP11-395N3.2	CLU	-0.432683956	0
RP11-395N3.2	TMSB4X	-0.530670578	0
RP11-395N3.2	WNT10A	-0.532298532	1.73E-33
RP11-395N3.2	NAPSA	-0.437822289	0

RP11-395N3.2	PLEKHA4	-0.459547625	0
RP11-395N3.2	SFTPA1	-0.055495225	0.245913137
RP11-395N3.2	C1orf116	-0.577401232	0
RP11-395N3.2	TM4SF1	-0.549590658	0
RP11-395N3.2	SEL1L3	-0.582151783	0
RP11-395N3.2	VASN	-0.570051657	0
RP11-395N3.2	NPTXR	-0.635130788	0
RP11-395N3.2	PDE4C	-0.601034276	0
RP11-395N3.2	CDC42EP1	-0.603347356	0
RP11-395N3.2	ENDOD1	-0.639381079	0
RP11-395N3.2	RYR1	-0.475912793	0
RP11-395N3.2	IL1RAP	-0.541422683	0
RP11-395N3.2	SLC35F2	-0.61214128	1.72E-46
RP11-395N3.2	ISYNA1	-0.312137571	2.87E-11
RP11-395N3.2	HLA-G	-0.620329942	0
RP11-395N3.2	CDKN2B	-0.60029261	0
RP11-395N3.2	ALDH1A3	-0.596029128	0
RP11-395N3.2	CLIP3	-0.360545165	7.96E-15
RP11-395N3.2	ULBP2	-0.523481846	0
RP11-395N3.2	ETHE1	-0.730767878	0
RP11-395N3.2	XPR1	-0.495043076	0
RP11-395N3.2	SPTBN2	-0.67762037	0
RP11-395N3.2	IVL	-0.594354057	2.82E-43
RP11-395N3.2	MARCO	-0.539512704	0
RP11-395N3.2	PLXND1	-0.23887387	4.45E-07
RP11-395N3.2	EMILIN2	-0.421097139	0
RP11-395N3.2	PLAUR	-0.583417537	0
RP11-395N3.2	CDC42EP5	-0.542244913	0
RP11-395N3.2	TRPC5	-0.228466407	1.32E-06
RP11-395N3.2	TMEM100	-0.284269837	1.57E-09
RP11-395N3.2	QSOX1	-0.637841437	0
RP11-395N3.2	ARHGAP23	-0.479930471	0
RP11-395N3.2	MDF1	-0.317171654	1.33E-11
RP11-395N3.2	FSTL3	-0.597665503	0
RP11-395N3.2	INF2	-0.524872134	0
RP11-395N3.2	TGFBR1	-0.592196547	0
RP11-395N3.2	TGFBI	-0.304558078	8.89E-11
RP11-395N3.2	ERBB3	-0.685294326	0
RP11-395N3.2	CCL18	-0.422517354	0
RP11-395N3.2	CCL17	-0.472119659	9.41E-26
RP11-395N3.2	C16orf45	-0.362220829	5.70E-15
RP11-395N3.2	PRDM1	-0.251043212	1.08E-07
RP11-395N3.2	TRIM47	-0.675231124	0
RP11-395N3.2	CNFN	-0.541320135	0
RP11-395N3.2	ARMCX3	-0.384620316	0
RP11-395N3.2	RAMP1	-0.35704349	1.57E-14
RP11-395N3.2	GABRD	-0.047203114	0.323633877
RP11-395N3.2	COL13A1	-0.179026685	0.000166515
RP11-395N3.2	S100A5	-0.496417478	0
RP11-395N3.2	MISP	-0.565172176	0
RP11-395N3.2	HES6	-0.273435891	6.63E-09

RP11-395N3.2	PSD3	-0.496531515	0
RP11-395N3.2	DOK7	-0.595512557	0
RP11-395N3.2	ZMAT3	-0.581533373	0
RP11-395N3.2	MFAP2	-0.299169827	1.95E-10
RP11-395N3.2	TMEM79	-0.560546584	0
RP11-395N3.2	SLC1A5	-0.433533986	0
RP11-395N3.2	BBC3	-0.576719562	0
RP11-395N3.2	HLA-DQB2	-0.433503774	0
RP11-395N3.2	C1QL1	-0.385347799	0
RP11-395N3.2	TMEM215	-0.112974875	0.017888255
RP11-395N3.2	PNP	-0.513599344	0
RP11-395N3.2	ARNTL	-0.515845051	0
RP11-395N3.2	CLDN2	-0.246708394	1.65E-07
RP11-395N3.2	MVP	-0.614534618	0
RP11-395N3.2	LGALS1	-0.457822034	0
RP11-395N3.2	BIRC7	-0.461534807	1.52E-24
RP11-395N3.2	COL8A1	-0.523439153	0
RP11-395N3.2	PERP	-0.739649152	0
RP11-395N3.2	GJA4	-0.235102562	6.79E-07
RP11-395N3.2	IGFL2	-0.529697016	4.03E-33
RP11-395N3.2	DAPK2	-0.532683105	0
RP11-395N3.2	MAMLD1	-0.549575765	0
RP11-395N3.2	ETV5	-0.181308987	0.000136922
RP11-395N3.2	RUNX1	-0.7103595	0
RP11-395N3.2	LONRF2	-0.304594672	8.84E-11
RP11-395N3.2	SPOCK1	-0.128609542	0.007005008
RP11-395N3.2	XKRX	-0.367540856	1.88E-15
RP11-395N3.2	TGFB1	-0.25833747	4.48E-08
RP11-395N3.2	ERP27	-0.282276883	2.05E-09
RP11-395N3.2	TNFRSF10C	-0.450346224	0
RP11-395N3.2	PALM	-0.58514483	0
RP11-395N3.2	TSC22D1	-0.224204365	2.22E-06
RP11-395N3.2	TGM2	-0.62641135	0
RP11-395N3.2	UBE2QL1	-0.227718805	1.53E-06
RP11-395N3.2	ECE1	-0.493877033	0
RP11-395N3.2	COL8A2	-0.563441054	0
RP11-395N3.2	HIST3H2A	-0.55263888	0
RP11-395N3.2	TNFRSF21	-0.636449873	0
RP11-395N3.2	SOX4	-0.613203051	0
RP11-395N3.2	ELF3	-0.738695439	0
RP11-395N3.2	TPD52L1	-0.570748787	0
RP11-395N3.2	INHBB	-0.347970878	8.27E-14
RP11-395N3.2	HPN	-0.373562835	4.58E-16
RP11-395N3.2	MMP7	-0.574467479	6.54E-40
RP11-395N3.2	RAB27A	-0.506755561	0
RP11-395N3.2	IGF2BP2	-0.383877231	0
RP11-395N3.2	ITGB4	-0.552830927	0
RP11-395N3.2	PPP1R1B	-0.461860705	0
RP11-395N3.2	NPDC1	-0.28096418	2.45E-09
RP11-395N3.2	CCL13	-0.566961227	1.06E-38
RP11-395N3.2	SPINT1	-0.724988724	0

RP11-395N3.2	HEY2	-0.234741729	7.07E-07
RP11-395N3.2	CST2	-0.638477542	1.21E-51
RP11-395N3.2	ADM	-0.313603174	2.30E-11
RP11-395N3.2	VSTM2L	-0.563318223	0
RP11-395N3.2	FAM84A	-0.574093732	0
RP11-395N3.2	P4HA2	-0.402215354	0
RP11-395N3.2	LPL	-0.336067197	6.42E-13
RP11-395N3.2	TMEM173	-0.461084004	0
RP11-395N3.2	DHRS3	-0.491430342	0
RP11-395N3.2	SCN1B	-0.50618807	0
RP11-395N3.2	GLT1D1	-0.208112375	1.15E-05
RP11-395N3.2	PHYHIP	-0.476229373	0
RP11-395N3.2	BHLHE40	-0.619015111	0
RP11-395N3.2	BID	-0.635194473	0
RP11-395N3.2	POSTN	-0.412175299	0
RP11-395N3.2	ITGA3	-0.738887203	0
RP11-395N3.2	RSP04	-0.556728328	0
RP11-395N3.2	ADAMTS9	-0.087022612	0.068530989
RP11-395N3.2	ABTB2	-0.671142385	0
RP11-395N3.2	KCNQ3	-0.731489687	0
RP11-395N3.2	ANXA1	-0.486941197	0
RP11-395N3.2	S100A11	-0.645092293	0
RP11-395N3.2	CEACAM6	-0.653073978	1.01E-54
RP11-395N3.2	IER5L	-0.505864682	0
RP11-395N3.2	KRT80	-0.700911304	0
RP11-395N3.2	CDH6	-0.598782612	0
RP11-395N3.2	UNC5B	-0.382385814	1.25E-17
RP11-395N3.2	PLEKHN1	-0.614049535	0
RP11-395N3.2	SYTL1	-0.466115251	0
RP11-395N3.2	TMEM163	-0.584349407	0
RP11-395N3.2	C4orf48	-0.182976849	0.000118502
RP11-395N3.2	B3GNT7	-0.310392548	3.73E-11
RP11-395N3.2	BAIAP3	-0.41495247	0
RP11-395N3.2	PHLDA2	-0.513584877	0
RP11-395N3.2	GAP43	-0.483453029	4.28E-27
RP11-395N3.2	S100A1	-0.56513927	0
RP11-395N3.2	PTPRE	-0.699288119	0
RP11-395N3.2	CCND1	-0.469396653	0
RP11-395N3.2	ST6GALNAC5	-0.763093385	7.15E-85
RP11-395N3.2	KRT17	-0.310645019	3.59E-11
RP11-395N3.2	HPCAL4	-0.292686594	4.89E-10
RP11-395N3.2	GABBR2	-0.273246538	6.80E-09
RP11-395N3.2	DIRAS3	-0.249765969	1.26E-07
RP11-395N3.2	SERINC2	-0.533569303	0
RP11-395N3.2	PTCHD4	-0.404443048	0
RP11-395N3.2	EPS8	-0.387523722	0
RP11-395N3.2	LY6E	-0.551871399	0
RP11-395N3.2	UPP1	-0.645285334	0
RP11-395N3.2	AHNAK2	-0.671338829	0
RP11-395N3.2	PLXNC1	-0.370722121	9.18E-16
RP11-395N3.2	TNC	-0.533436969	0

RP11-395N3.2	DUSP4	-0.390843846	0
RP11-395N3.2	NRCAM	-0.438189364	0
RP11-395N3.2	NRP2	-0.397701529	0
RP11-395N3.2	CTSC	-0.632752179	0
RP11-395N3.2	AMIG02	-0.304014416	9.62E-11
RP11-395N3.2	NAB2	-0.404217669	0
RP11-395N3.2	TBC1D2	-0.744139715	0
RP11-395N3.2	PHLDA3	-0.572025746	0
RP11-395N3.2	PTP4A3	-0.471987167	0
RP11-395N3.2	CRABP2	-0.314483557	2.01E-11
RP11-395N3.2	GOS2	-0.318584919	1.07E-11
RP11-395N3.2	S100A6	-0.713878054	0
RP11-395N3.2	FOXQ1	-0.568414857	0
RP11-395N3.2	LRG1	-0.57321576	0
RP11-395N3.2	LAMP5	-0.402379318	0
RP11-395N3.2	ALDH3B1	-0.68919428	0
RP11-395N3.2	CDH2	0.011698585	0.80682858
RP11-395N3.2	SCG5	-0.139869425	0.00334184
RP11-395N3.2	ZCCHC16	-0.208847163	1.02E-05
RP11-395N3.2	GRB7	-0.640743992	0
RP11-395N3.2	TIAM1	-0.367743683	1.80E-15
RP11-395N3.2	FXYD5	-0.330854399	1.52E-12
RP11-395N3.2	CLDN9	-0.461664118	0
RP11-395N3.2	FAM43A	-0.564937294	0
RP11-395N3.2	CHST2	-0.490070975	0
RP11-395N3.2	HMGA2	-0.287639603	9.88E-10
RP11-395N3.2	GALNT7	-0.430951699	0
RP11-395N3.2	CBLN1	-0.523226539	0
RP11-395N3.2	STRA6	-0.546624985	0
RP11-395N3.2	MUC21	-0.686183797	2.22E-62
RP11-395N3.2	PRR36	-0.438943512	0
RP11-395N3.2	NFE2L3	-0.570613616	0
RP11-395N3.2	NR1D1	-0.425715781	0
RP11-395N3.2	MUC1	-0.72429897	0
RP11-395N3.2	NAT8L	-0.085515734	0.0734749
RP11-395N3.2	APOC1	-0.146672501	0.002081882
RP11-395N3.2	EVA1A	-0.665429469	0
RP11-395N3.2	ENTPD1	-0.309913423	4.01E-11
RP11-395N3.2	COL1A1	-0.471397975	0
RP11-395N3.2	FNDC4	-0.513571686	0
RP11-395N3.2	FRMD3	-0.087650666	0.066552552
RP11-395N3.2	SHROOM4	-0.452517893	0
RP11-395N3.2	NELL2	-0.225345161	1.97E-06
RP11-395N3.2	EPHB3	-0.663779477	0
RP11-395N3.2	TMC6	-0.584045876	0
RP11-395N3.2	NOD1	-0.434167147	0
RP11-395N3.2	GGCT	-0.588669766	0
RP11-395N3.2	ICAM1	-0.633144926	0
RP11-395N3.2	PRSS23	-0.512601945	0
RP11-395N3.2	CFI	-0.536679791	0
RP11-395N3.2	CD55	-0.711834465	0

RP11-395N3.2	RASD2	-0.499974186	0
RP11-395N3.2	KLK11	-0.416867429	6.96E-20
RP11-395N3.2	ICAM5	-0.46769248	0
RP11-395N3.2	ADORA1	-0.497989601	0
RP11-395N3.2	ITGA2	-0.627326484	0
RP11-395N3.2	ABCC3	-0.365207352	3.09E-15
RP11-395N3.2	MFGE8	-0.535962663	0
RP11-395N3.2	STK32A	-0.260314964	3.51E-08
RP11-395N3.2	CYSLTR2	-0.373020166	5.26E-16
RP11-395N3.2	LAD1	-0.689587736	0
RP11-395N3.2	MGAT3	-0.643285714	0
RP11-395N3.2	IGFBP6	-0.403352888	0
RP11-395N3.2	CYP2S1	-0.675732802	0
RP11-395N3.2	KCNJ2	-0.392760633	0
RP11-395N3.2	FAM20A	-0.486465334	0
RP11-395N3.2	TGFA	-0.425879319	0
RP11-395N3.2	MXRA8	-0.547111061	0
RP11-395N3.2	C8orf4	-0.424804761	0
RP11-395N3.2	CLDN10	-0.514627954	4.69E-31
RP11-395N3.2	PDE5A	-0.546052673	0
RP11-395N3.2	APOE	-0.119179217	0.012498333
RP11-395N3.2	SPOCK2	-0.62775086	0
RP11-395N3.2	TENM1	-0.099727531	0.036763761
RP11-395N3.2	SLIT1	-0.090921431	0.056993691
RP11-395N3.2	CXCL14	-0.257566585	4.93E-08
RP11-395N3.2	ECM1	-0.143248127	0.002648408
RP11-395N3.2	DUSP5	-0.701895511	0
RP11-395N3.2	SEZ6L2	-0.522726564	0
RP11-395N3.2	THRSP	-0.237114097	5.43E-07
RP11-395N3.2	C19orf33	-0.647499979	0
RP11-395N3.2	MPZL2	-0.621391025	0
RP11-395N3.2	CTSH	-0.550026524	0
RP11-395N3.2	CYP1B1	-0.529510208	0
RP11-395N3.2	ALOX5	-0.652209823	0
RP11-395N3.2	SYTL5	-0.551308467	2.86E-36
RP11-395N3.2	TNFRSF12A	-0.51407464	0
RP11-395N3.2	DUSP6	-0.508784541	0
RP11-395N3.2	ALOX15B	-0.678525291	0
RP11-395N3.2	SDC4	-0.548832539	0
RP11-395N3.2	MDK	-0.482177739	0
RP11-395N3.2	KRT19	-0.722234956	0
RP11-395N3.2	MET	-0.692605037	0
RP11-395N3.2	TESC	-0.180857093	0.000142357
RP11-395N3.2	CXCL17	-0.709368722	2.21E-68
RP11-395N3.2	NPC2	-0.438849899	0
RP11-395N3.2	COMP	-0.465079415	0
RP11-395N3.2	TUSC3	-0.391798268	0
RP11-395N3.2	TMPRSS4	-0.753128643	0
RP11-395N3.2	LGALS3	-0.693558609	0
RP11-395N3.2	CRLF1	-0.466500055	0
RP11-395N3.2	CTXN1	-0.576240437	0

RP11-395N3.2	PCSK1N	-0.206297285	1.38E-05
RP11-395N3.2	NMU	-0.572173764	1.55E-39
RP11-395N3.2	GALE	-0.534747119	0
RP11-395N3.2	PCSK2	-0.163766428	0.000580425
RP11-395N3.2	GJB3	-0.53767875	0
RP11-395N3.2	SLPI	-0.621599242	0
RP11-395N3.2	AGR2	-0.334878034	7.83E-13
RP11-395N3.2	MRC2	-0.426864946	0
RP11-395N3.2	GOLT1A	-0.382053773	1.72E-17
RP11-395N3.2	SLC27A6	-0.569619145	4.00E-39
RP11-395N3.2	KCNN4	-0.613872097	0
RP11-395N3.2	ETV4	-0.37621031	3.30E-16
RP11-395N3.2	SYT12	-0.597869748	0
RP11-395N3.2	PVRL4	-0.712843778	0
RP11-395N3.2	PLCD3	-0.609878389	0
RP11-395N3.2	PLAU	-0.537321037	0
RP11-395N3.2	LRRK2	-0.11851159	0.013003082
RP11-395N3.2	SFN	-0.661522139	0
RP11-395N3.2	LPAR5	-0.526953168	0
RP11-395N3.2	NGEF	-0.663157096	0
RP11-395N3.2	DTX4	-0.597232474	0
RP11-395N3.2	CST6	-0.600155312	0
RP11-395N3.2	QPCT	-0.427634979	0
RP11-395N3.2	TIMP1	-0.489843185	0
RP11-395N3.2	CAMK2N1	-0.45097896	0
RP11-395N3.2	KLHDC8A	-0.130663911	0.006144624
RP11-395N3.2	PDLIM4	-0.663155819	0
RP11-395N3.2	SCEL	-0.565611729	0
RP11-395N3.2	LCN2	-0.745275121	0
RP11-395N3.2	PROS1	-0.71593994	0
RP11-395N3.2	GABRB2	-0.643600592	0
RP11-395N3.2	TMPRSS6	-0.721658104	0
RP11-395N3.2	KLK7	-0.551690518	2.50E-36
RP11-395N3.2	PDZK1IP1	-0.555094364	0
RP11-395N3.2	CDH3	-0.427974537	0
RP11-395N3.2	LRP4	-0.181923141	0.000129847
RP11-395N3.2	IGSF1	-0.363861175	4.09E-15
RP11-395N3.2	B3GNT3	-0.758125849	0
RP11-395N3.2	CLDN1	-0.581254096	0
RP11-395N3.2	GDF15	-0.717762264	0
RP11-395N3.2	ARHGAP36	-0.31038933	2.94E-11
RP11-395N3.2	LAMB3	-0.597942369	0
RP11-395N3.2	KLK10	-0.591327652	0
RP11-395N3.2	DPP4	-0.623816724	0
RP11-395N3.2	METTL7B	-0.403460968	0
RP11-395N3.2	LIPH	-0.672055107	0
RP11-395N3.2	CLDN16	-0.528980021	0
RP11-395N3.2	CHI3L1	-0.549657321	0
RP11-395N3.2	SLC22A31	-0.516805259	2.40E-31
RP11-395N3.2	TACSTD2	-0.700897687	0
RP11-395N3.2	SFTPB	-0.636312859	0

RP11-395N3.2	RXRG	-0.266172553	1.69E-08
RP11-395N3.2	DCSTAMP	-0.689964319	2.55E-63
RP11-395N3.2	CITED1	-0.411656034	0
RP11-395N3.2	SERPINA1	-0.668597259	0
RP11-395N3.2	PRR15	-0.288267516	9.06E-10
RP11-395N3.2	SLC34A2	-0.750056877	0
RP11-395N3.2	FN1	-0.783123651	0
RP11-395N3.2	ZCCHC12	-0.203696985	1.77E-05
AC006227.1	TFF3	0.642852006	1.51E-52
AC006227.1	CCL21	0.381617675	1.14E-16
AC006227.1	TPO	0.739829668	3.13E-77
AC006227.1	MT1G	0.593870646	3.43E-43
AC006227.1	DI01	0.552302408	2.02E-36
AC006227.1	DPT	0.300429732	1.31E-10
AC006227.1	CDH16	0.553924743	1.15E-36
AC006227.1	CRABP1	0.590862697	1.14E-42
AC006227.1	SLC26A7	0.721398912	9.80E-72
AC006227.1	MT1H	0.53105711	2.60E-33
AC006227.1	SLC26A4	0.762352569	1.29E-84
AC006227.1	SLC5A8	0.566245915	1.38E-38
AC006227.1	PKHD1L1	0.568521414	6.00E-39
AC006227.1	TFCP2L1	0.595520497	1.76E-43
AC006227.1	WSCD2	0.647438549	1.63E-53
AC006227.1	IPCEF1	0.573631608	8.96E-40
AC006227.1	SLC5A5	0.495385235	1.46E-28
AC006227.1	MT1F	0.609512598	5.29E-46
AC006227.1	FOSB	0.40379599	1.20E-18
AC006227.1	SEMA3D	0.600223415	2.58E-44
AC006227.1	BMP8A	0.595886862	1.52E-43
AC006227.1	MATN2	0.654287917	5.50E-55
AC006227.1	PLA2R1	0.521305158	5.87E-32
AC006227.1	COL23A1	0.716609636	2.22E-70
AC006227.1	HGD	0.740163127	2.47E-77
AC006227.1	TCEAL2	0.512860595	8.07E-31
AC006227.1	CHRD1	0.29800897	1.87E-10
AC006227.1	TNFRSF11B	0.544751703	2.73E-35
AC006227.1	FAM167A	0.74578825	4.15E-79
AC006227.1	KIT	0.595910974	1.50E-43
AC006227.1	SLC4A4	0.703381896	8.91E-67
AC006227.1	SMOC2	0.467107166	3.56E-25
AC006227.1	FHL1	0.73260916	5.05E-75
AC006227.1	OTOS	0.598335115	5.60E-44
AC006227.1	IGFBPL1	0.626210616	3.50E-49
AC006227.1	HBB	0.409709893	3.36E-19
AC006227.1	BEX1	0.598291429	5.70E-44
AC006227.1	FABP4	0.579137953	1.11E-40
AC006227.1	LMOD1	0.654948736	3.94E-55
AC006227.1	SOD3	0.523231307	3.20E-32
AC006227.1	TMEM171	0.477042864	2.49E-26
AC006227.1	PI16	0.375125721	4.07E-16
AC006227.1	ZMAT4	0.642524476	1.76E-52

AC006227.1	MFAP4	0.284206921	1.33E-09
AC006227.1	CWH43	0.533499916	1.17E-33
AC006227.1	SPX	0.751861578	4.47E-81
AC006227.1	APOD	0.145302741	0.002273502
AC006227.1	DPP6	0.57191949	1.70E-39
AC006227.1	MMRN1	0.434451696	1.23E-21
AC006227.1	WDR72	0.644242579	7.70E-53
AC006227.1	MPPED2	0.744182794	1.35E-78
AC006227.1	PAPSS2	0.426463423	7.92E-21
AC006227.1	DCN	0.128203979	0.007153332
AC006227.1	SORBS2	0.69251376	5.81E-64
AC006227.1	EGR2	0.45351689	1.18E-23
AC006227.1	EDN3	0.68545012	3.36E-62
AC006227.1	DIO2	0.7373895	1.78E-76
AC006227.1	ITPR1	0.686275759	2.11E-62
AC006227.1	CFD	0.255746429	5.52E-08
AC006227.1	CPXM1	0.4297705	3.69E-21
AC006227.1	ELMO1	0.713337877	1.81E-69
AC006227.1	GPC3	0.494836433	1.71E-28
AC006227.1	MYOC	0.34305998	1.44E-13
AC006227.1	DEPTOR	0.628965432	1.00E-49
AC006227.1	DGKI	0.583262497	2.27E-41
AC006227.1	CARTPT	0.675714988	7.51E-60
AC006227.1	IYD	0.58304109	2.47E-41
AC006227.1	LYVE1	0.424926617	1.13E-20
AC006227.1	CLCNKB	0.69793875	2.37E-65
AC006227.1	NCAM1	0.341961198	1.74E-13
AC006227.1	HBA2	0.360301745	6.66E-15
AC006227.1	GLT8D2	0.539257496	1.74E-34
AC006227.1	OGDHL	0.528163981	6.62E-33
AC006227.1	LIFR	0.546983512	1.27E-35
AC006227.1	CSGALNACT1	0.417845961	5.59E-20
AC006227.1	RAP1GAP	0.526616253	1.09E-32
AC006227.1	COL9A3	0.616093987	3.11E-47
AC006227.1	FBLN1	0.132019968	0.005599185
AC006227.1	EFEMP1	0.38441223	6.57E-17
AC006227.1	AOX1	0.432449963	1.97E-21
AC006227.1	GRIN2C	0.587248549	4.78E-42
AC006227.1	C11orf74	0.618205092	1.24E-47
AC006227.1	PPARGC1A	0.600519124	2.29E-44
AC006227.1	ANGPTL1	0.598771122	4.69E-44
AC006227.1	SCARA5	0.25387177	6.94E-08
AC006227.1	LTF	0.537304539	3.33E-34
AC006227.1	CA4	0.669387437	2.26E-58
AC006227.1	TG	0.752774301	2.23E-81
AC006227.1	FCGBP	0.629097199	9.44E-50
AC006227.1	PBX4	0.665225553	2.03E-57
AC006227.1	CYR61	0.458328718	3.47E-24
AC006227.1	FOS	0.425738919	9.36E-21
AC006227.1	KHDRBS2	0.769167423	5.16E-87
AC006227.1	MUM1L1	0.453052798	1.32E-23

AC006227.1	RGS16	0.670013978	1.62E-58
AC006227.1	MT1M	0.496146921	1.17E-28
AC006227.1	LRP2	0.639823356	6.39E-52
AC006227.1	MAFB	0.547162653	1.20E-35
AC006227.1	KCNK2	0.55111211	3.06E-36
AC006227.1	TBC1D4	0.629693341	7.19E-50
AC006227.1	MIOX	0.677304932	3.15E-60
AC006227.1	TPPP	0.555679695	6.17E-37
AC006227.1	FMOD	0.487500807	1.38E-27
AC006227.1	CITED2	0.43413086	1.33E-21
AC006227.1	RGS8	0.641198676	3.32E-52
AC006227.1	ABI3BP	0.365914811	2.35E-15
AC006227.1	ADH1B	0.330532184	1.19E-12
AC006227.1	OGN	0.194570287	4.05E-05
AC006227.1	NR4A1	0.366397483	2.15E-15
AC006227.1	FOXJ1	0.697660268	2.80E-65
AC006227.1	ALDH1A1	0.60717512	1.42E-45
AC006227.1	OCA2	0.405929225	7.62E-19
AC006227.1	TMEM139	0.305017563	6.63E-11
AC006227.1	ARHGAP24	0.629894608	6.56E-50
AC006227.1	SLC25A15	0.601177533	1.74E-44
AC006227.1	DES	0.248055598	1.40E-07
AC006227.1	GDF10	0.451147251	2.13E-23
AC006227.1	KIAA1324	0.587926673	3.66E-42
AC006227.1	JUN	0.456758012	5.18E-24
AC006227.1	C7	0.061580904	0.197813148
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AC006227.1	CDON	0.717079118	1.64E-70
AC006227.1	BCL2	0.594830175	2.33E-43
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AC006227.1	IP6K3	0.559021522	1.88E-37
AC006227.1	SCUBE3	0.559395405	1.65E-37
AC006227.1	PKNOX2	0.609573729	5.16E-46
AC006227.1	SMAD9	0.421635993	2.38E-20
AC006227.1	IQGAP2	0.609880665	4.53E-46
AC006227.1	GNA14	0.730897326	1.64E-74
AC006227.1	LAYN	0.532983326	1.38E-33
AC006227.1	AVPR1A	0.62671249	2.79E-49
AC006227.1	PDLIM3	0.437369288	6.15E-22
AC006227.1	GPM6A	0.599584559	3.36E-44
AC006227.1	SDPR	0.612313457	1.60E-46
AC006227.1	CRYAB	0.175437054	0.000220734
AC006227.1	FOXA2	0.536051054	5.05E-34
AC006227.1	C8orf88	0.575180612	5.00E-40
AC006227.1	ISM1	0.498657298	5.64E-29
AC006227.1	BMP2	0.286925799	9.13E-10
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AC006227.1	NUPR1	0.323825747	3.56E-12
AC006227.1	SERTM1	0.496524315	1.05E-28
AC006227.1	IRS1	0.692551489	5.68E-64

AC006227.1	FIBIN	0.207266463	1.20E-05
AC006227.1	PODN	0.186386037	8.55E-05
AC006227.1	TDRD9	0.407601199	5.31E-19
AC006227.1	EPHA3	0.349514172	4.65E-14
AC006227.1	AIF1L	0.466830725	3.83E-25
AC006227.1	EBF4	0.672656264	3.94E-59
AC006227.1	ADM2	0.535083227	6.95E-34
AC006227.1	GSTM3	0.62103588	3.55E-48
AC006227.1	HSD17B6	0.562509725	5.38E-38
AC006227.1	AGR3	0.360982089	5.87E-15
AC006227.1	EPHB1	0.468528233	2.45E-25
AC006227.1	TMOD1	0.340630481	2.18E-13
AC006227.1	WASF3	0.656844391	1.52E-55
AC006227.1	SELV	0.704568546	4.32E-67
AC006227.1	ENPP1	0.36995391	1.10E-15
AC006227.1	SYNE1	0.669545655	2.08E-58
AC006227.1	PLCH1	0.545632512	2.02E-35
AC006227.1	CCDC146	0.64001512	5.84E-52
AC006227.1	SLC16A2	0.62702751	2.42E-49
AC006227.1	IER2	0.539274659	1.73E-34
AC006227.1	KCNAB1	0.72340137	2.61E-72
AC006227.1	SYNDIG1	0.488659901	9.96E-28
AC006227.1	C16orf89	0.785387928	4.53E-93
AC006227.1	CTGF	0.352718842	2.63E-14
AC006227.1	NR4A3	0.189082079	6.71E-05
AC006227.1	KIAA1456	0.689559858	3.22E-63
AC006227.1	AQP4	0.593578887	3.86E-43
AC006227.1	RNF150	0.597477283	7.95E-44
AC006227.1	C1S	0.03232896	0.499286826
AC006227.1	PFKFB2	0.5187623	1.30E-31
AC006227.1	PROX1	0.580520358	6.54E-41
AC006227.1	TCF7L1	0.677881973	2.30E-60
AC006227.1	HSPB6	0.36651535	2.10E-15
AC006227.1	FHDC1	0.574586172	6.26E-40
AC006227.1	PRR15L	0.454306214	9.64E-24
AC006227.1	SLC1A1	0.443052139	1.57E-22
AC006227.1	BTBD11	0.747028049	1.66E-79
AC006227.1	TRIM58	0.547729576	9.85E-36
AC006227.1	LRIG1	0.521357638	5.78E-32
AC006227.1	ROR2	0.329133013	1.50E-12
AC006227.1	GPR125	0.560200615	1.24E-37
AC006227.1	FLRT1	0.695951611	7.72E-65
AC006227.1	PGF	0.626379314	3.25E-49
AC006227.1	DUSP1	0.373159148	5.95E-16
AC006227.1	PLA2G7	0.390289823	2.01E-17
AC006227.1	PLSCR4	0.456333635	5.77E-24
AC006227.1	FAM46B	0.377500644	2.57E-16
AC006227.1	GLDC	0.500749397	3.05E-29
AC006227.1	ZBTB16	0.479321195	1.34E-26
AC006227.1	OMD	0.114121699	0.016751471
AC006227.1	HSD11B2	0.623650507	1.11E-48

AC006227.1	FGL2	0.153390016	0.00126496
AC006227.1	CLCNKA	0.682400364	1.87E-61
AC006227.1	GATM	0.612830738	1.28E-46
AC006227.1	TNS3	0.390450099	1.94E-17
AC006227.1	TOB1	0.312855063	2.01E-11
AC006227.1	MARC2	0.690583497	1.78E-63
AC006227.1	LRRC2	0.606698547	1.74E-45
AC006227.1	SORD	0.376676002	3.02E-16
AC006227.1	RIMS4	0.520128476	8.50E-32
AC006227.1	SLC29A4	0.591156874	1.02E-42
AC006227.1	SLC39A14	0.64309469	1.34E-52
AC006227.1	FAXDC2	0.732174145	6.82E-75
AC006227.1	HSPB8	0.216165615	4.87E-06
AC006227.1	CCL19	-0.019620486	0.681833653
AC006227.1	KCNIP3	0.732484768	5.50E-75
AC006227.1	CGNL1	0.625765159	4.28E-49
AC006227.1	ATF3	0.12183336	0.010620656
AC006227.1	SGCD	0.28909293	6.74E-10
AC006227.1	STARD13	0.60813933	9.48E-46
AC006227.1	LDHD	0.707940828	5.38E-68
AC006227.1	RCAN1	0.387475347	3.55E-17
AC006227.1	ID3	0.367355877	1.79E-15
AC006227.1	SYTL3	0.652738487	1.19E-54
AC006227.1	MT1E	0.442529043	1.78E-22
AC006227.1	CAMK1D	0.672848879	3.55E-59
AC006227.1	PRKCQ	0.665643547	1.63E-57
AC006227.1	NUAK2	0.373127944	5.99E-16
AC006227.1	LIPG	0.732237688	6.53E-75
AC006227.1	SLC25A25	0.320044367	6.51E-12
AC006227.1	PRKX	0.241562564	3.01E-07
AC006227.1	SRPX	0.193617183	4.43E-05
AC006227.1	FAM189A1	0.600776275	2.06E-44
AC006227.1	PLEKHH1	0.643290993	1.22E-52
AC006227.1	WNT11	0.46893871	2.19E-25
AC006227.1	SNAI1	0.310460425	2.90E-11
AC006227.1	FDCSP	0.065076811	0.173492782
AC006227.1	MT1X	0.402337336	1.64E-18
AC006227.1	ACACB	0.689003147	4.43E-63
AC006227.1	ARC	0.240956635	3.23E-07
AC006227.1	KLK4	0.133292011	0.005153048
AC006227.1	ZFPM2	0.325813312	2.58E-12
AC006227.1	AKAP12	0.409488627	3.53E-19
AC006227.1	GJB6	0.469080897	2.11E-25
AC006227.1	ERO1LB	0.697870243	2.47E-65
AC006227.1	DNALI1	0.592729849	5.42E-43
AC006227.1	HKDC1	0.306659329	5.18E-11
AC006227.1	ZFP36L2	0.514727598	4.55E-31
AC006227.1	CAPSL	0.641926535	2.35E-52
AC006227.1	CYP7B1	0.489560425	7.72E-28
AC006227.1	CPQ	0.60961004	5.08E-46
AC006227.1	RPS6KA6	0.659216217	4.54E-56

AC006227.1	TLE1	0.422665306	1.89E-20
AC006227.1	TP53INP2	0.654869024	4.11E-55
AC006227.1	KATNAL2	0.710556307	1.05E-68
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AC006227.1	CTH	0.510160014	1.84E-30
AC006227.1	KIF12	0.432695751	1.86E-21
AC006227.1	TMEM220	0.625350285	5.16E-49
AC006227.1	CENPJ	0.560135653	1.27E-37
AC006227.1	FAM155B	0.574206048	7.22E-40
AC006227.1	WFS1	0.522047534	4.65E-32
AC006227.1	SELENBP1	0.641133223	3.43E-52
AC006227.1	SNTA1	0.504395181	1.04E-29
AC006227.1	FRAS1	0.163147141	0.000600065
AC006227.1	FBLN7	0.597557137	7.70E-44
AC006227.1	AGPAT9	0.62337974	1.25E-48
AC006227.1	GPR83	0.600671741	2.15E-44
AC006227.1	PRTG	0.579143119	1.11E-40
AC006227.1	EGR3	0.257872286	4.24E-08
AC006227.1	GRAMD2	0.331096749	1.09E-12
AC006227.1	HYOU1	0.59916543	3.99E-44
AC006227.1	FBLN5	0.336986966	4.05E-13
AC006227.1	ITM2A	0.610157248	4.02E-46
AC006227.1	SRF	0.492822256	3.05E-28
AC006227.1	FGFR2	0.477808359	2.02E-26
AC006227.1	MT1A	0.221167229	2.89E-06
AC006227.1	MAMDC2	0.274858854	4.75E-09
AC006227.1	FHL2	0.236795273	5.20E-07
AC006227.1	FTCDNL1	0.506879886	4.94E-30
AC006227.1	PKIA	0.449451409	3.25E-23
AC006227.1	DNAJB4	0.528262983	6.41E-33
AC006227.1	SLC25A33	0.517547322	1.90E-31
AC006227.1	EYA2	0.302431303	9.75E-11
AC006227.1	LPAR1	0.162175556	0.000647552
AC006227.1	STX11	0.28992906	5.98E-10
AC006227.1	ARHGEF28	0.507897568	3.64E-30
AC006227.1	OR2W3	0.610047182	4.22E-46
AC006227.1	ALDH1B1	0.459131745	2.83E-24
AC006227.1	CXCL12	0.215604081	5.16E-06
AC006227.1	OLFM2	0.496764054	9.78E-29
AC006227.1	TUB	0.486362137	1.90E-27
AC006227.1	HTRA3	0.277882824	3.17E-09
AC006227.1	CKB	0.487085791	1.55E-27
AC006227.1	RGS2	0.041881698	0.381355614
AC006227.1	SHANK2	0.677638013	2.62E-60
AC006227.1	CNTFR	0.630873331	4.18E-50
AC006227.1	CYTH3	0.575195221	4.97E-40
AC006227.1	PLAC9	0.391855422	1.46E-17
AC006227.1	WVOX	0.672377979	4.57E-59
AC006227.1	NPR3	0.44238139	1.84E-22
AC006227.1	SDC2	0.48566756	2.31E-27
AC006227.1	KLF15	0.634759483	6.93E-51

AC006227.1	TMEM164	0.530590674	3.02E-33
AC006227.1	LONRF3	0.316255327	1.18E-11
AC006227.1	GBP1	0.212106375	7.38E-06
AC006227.1	ARHGAP6	0.462133218	1.30E-24
AC006227.1	TMEM119	0.108041958	0.023579845
AC006227.1	SH3RF1	0.457142107	4.70E-24
AC006227.1	CRELD2	0.540111073	1.31E-34
AC006227.1	PCP4	0.052984858	0.267961526
AC006227.1	GCSH	0.674513481	1.44E-59
AC006227.1	IMPA2	0.598479221	5.28E-44
AC006227.1	C1R	0.01185504	0.80437336
AC006227.1	SUCNR1	0.37933006	1.80E-16
AC006227.1	SFRP1	0.409190911	3.77E-19
AC006227.1	UGT8	0.486346535	1.91E-27
AC006227.1	TLE4	0.222911535	2.40E-06
AC006227.1	ANTXR1	0.372518753	6.73E-16
AC006227.1	GPX3	0.413087463	1.61E-19
AC006227.1	DPY19L2	0.585782945	8.50E-42
AC006227.1	FAM46C	0.431689133	2.36E-21
AC006227.1	IL33	0.262991484	2.23E-08
AC006227.1	PEG3	0.594696139	2.46E-43
AC006227.1	FAHD2A	0.63821634	1.37E-51
AC006227.1	PTGDS	0.102631152	0.031562302
AC006227.1	CHCHD10	0.357328269	1.15E-14
AC006227.1	CD36	0.619216817	7.93E-48
AC006227.1	ANKRD37	0.535334137	6.40E-34
AC006227.1	TSPAN33	0.46950152	1.89E-25
AC006227.1	PRDM16	0.60102449	1.86E-44
AC006227.1	UST	0.720514132	1.75E-71
AC006227.1	NEXN	0.59336372	4.20E-43
AC006227.1	NUPR1L	0.256706971	4.90E-08
AC006227.1	SLC24A3	0.529764047	3.95E-33
AC006227.1	MARC1	0.669163097	2.55E-58
AC006227.1	MYH11	0.348358199	5.70E-14
AC006227.1	APOA1	0.506974793	4.81E-30
AC006227.1	TMEM178B	0.422499924	1.96E-20
AC006227.1	CAPN6	0.282082683	1.79E-09
AC006227.1	PPM1L	0.604824877	3.82E-45
AC006227.1	FZD8	0.621798255	2.53E-48
AC006227.1	RCAN2	0.607694386	1.14E-45
AC006227.1	COPZ2	0.557826827	2.89E-37
AC006227.1	GAS1	0.24602221	1.78E-07
AC006227.1	DACT1	0.480730916	9.09E-27
AC006227.1	WBSCR17	0.655090574	3.67E-55
AC006227.1	NCS1	0.362056838	4.82E-15
AC006227.1	SPIRE2	0.502095149	2.05E-29
AC006227.1	C15orf52	0.347034715	7.19E-14
AC006227.1	SPAG5	0.452750685	1.43E-23
AC006227.1	ARL4D	0.477158461	2.42E-26
AC006227.1	FAM189A2	0.522891607	3.56E-32
AC006227.1	MAP1LC3A	0.596571369	1.15E-43

AC006227.1	KLF6	0.078833275	0.099024913
AC006227.1	ADD3	0.403445794	1.30E-18
AC006227.1	TSPAN7	0.493205642	2.73E-28
AC006227.1	KLF9	0.477034779	2.50E-26
AC006227.1	KCNQ1	0.689507662	3.32E-63
AC006227.1	MAN1A1	0.140037176	0.00327958
AC006227.1	MLF1	0.323845604	3.54E-12
AC006227.1	RARB	0.647171801	1.86E-53
AC006227.1	CDC42EP2	0.516931749	2.30E-31
AC006227.1	FAM3B	0.231613817	9.30E-07
AC006227.1	GADD45B	0.275497689	4.36E-09
AC006227.1	TMEM47	0.523801493	2.67E-32
AC006227.1	SDF2L1	0.494921731	1.67E-28
AC006227.1	CCDC85A	0.35428118	1.99E-14
AC006227.1	CRYBG3	0.147326475	0.001968552
AC006227.1	FBLN2	0.082227015	0.085277983
AC006227.1	PEBP4	0.375390673	3.87E-16
AC006227.1	CDADC1	0.718236935	7.75E-71
AC006227.1	FAM63A	0.625980184	3.89E-49
AC006227.1	GLUL	0.363741581	3.53E-15
AC006227.1	FREM2	0.497720037	7.41E-29
AC006227.1	ACKR3	0.551982707	2.26E-36
AC006227.1	DENND6A	0.680340154	5.91E-61
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AC006227.1	UTS2R	0.1604314	0.000741638
AC006227.1	SCNN1B	0.453277043	1.25E-23
AC006227.1	TTC30A	0.576608913	2.91E-40
AC006227.1	CORO2B	0.645362383	4.48E-53
AC006227.1	TC2N	0.155115182	0.001112106
AC006227.1	ALDH2	0.567162695	9.89E-39
AC006227.1	GPR183	0.054674707	0.252975729
AC006227.1	C4orf47	0.528453896	6.03E-33
AC006227.1	SLC25A42	0.761726216	2.13E-84
AC006227.1	LGMN	0.522951604	3.49E-32
AC006227.1	ACSF2	0.577225763	2.30E-40
AC006227.1	KIAA1467	0.580495253	6.61E-41
AC006227.1	PRKG1	0.675562509	8.16E-60
AC006227.1	GNAI1	0.654014171	6.30E-55
AC006227.1	ABCC4	0.315014109	1.44E-11
AC006227.1	PRPS1	0.61158257	2.19E-46
AC006227.1	TSPAN5	0.238718728	4.17E-07
AC006227.1	CR2	0.274690249	4.86E-09
AC006227.1	CCDC170	0.488260629	1.11E-27
AC006227.1	RRAD	-0.059083434	0.216649891
AC006227.1	SCGB2A1	0.493837101	2.28E-28
AC006227.1	SESN3	0.198807007	2.72E-05
AC006227.1	SGK223	0.237834514	4.62E-07
AC006227.1	NDRG2	0.723908438	1.86E-72
AC006227.1	C3orf52	0.27887299	2.77E-09
AC006227.1	FLRT3	-0.230942359	1.00E-06
AC006227.1	MST1R	-0.635051668	6.04E-51

AC006227.1	SDC1	-0.311248756	2.57E-11
AC006227.1	ST8SIA4	-0.548297492	8.10E-36
AC006227.1	UBTD1	-0.291743867	4.62E-10
AC006227.1	EPHA2	-0.376216591	3.30E-16
AC006227.1	TMEM130	-0.180203919	0.000147022
AC006227.1	SPINK2	-0.417674905	5.81E-20
AC006227.1	MMP16	-0.561560975	7.58E-38
AC006227.1	SIGLEC15	-0.484718528	3.01E-27
AC006227.1	RIN1	-0.496942486	9.29E-29
AC006227.1	IL1RN	-0.558644802	2.16E-37
AC006227.1	FCER1G	-0.28780675	8.07E-10
AC006227.1	CD276	-0.59259638	5.72E-43
AC006227.1	CTSB	-0.376305523	3.24E-16
AC006227.1	FAM171A2	-0.00571448	0.904965383
AC006227.1	ASPHD1	-0.509083469	2.55E-30
AC006227.1	C15orf48	-0.439975689	3.29E-22
AC006227.1	DYSF	-0.066166218	0.166388922
AC006227.1	PDZRN4	-0.083979981	0.078804478
AC006227.1	EFHD2	-0.115361894	0.015593749
AC006227.1	ASF1B	-0.354967672	1.76E-14
AC006227.1	AQP1	0.000793437	0.986774101
AC006227.1	ARRDC2	-0.354962849	1.76E-14
AC006227.1	PRSS1	-0.333136855	7.73E-13
AC006227.1	MAPK13	-0.460476559	2.00E-24
AC006227.1	CST5	-0.621680834	2.67E-48
AC006227.1	AHR	-0.521121479	6.22E-32
AC006227.1	BAX	-0.454112039	1.01E-23
AC006227.1	C1orf115	-0.09832086	0.039478062
AC006227.1	PLK3	-0.414173936	1.26E-19
AC006227.1	JAG2	-0.13290716	0.005284523
AC006227.1	RAD23B	-0.431267025	2.60E-21
AC006227.1	CA12	0.267617071	1.23E-08
AC006227.1	ADTRP	-0.212982504	6.75E-06
AC006227.1	UCP2	-0.311083232	2.64E-11
AC006227.1	IGFBP2	-0.25372922	7.07E-08
AC006227.1	LOXL2	-0.180761482	0.000140101
AC006227.1	GPX1	-0.355886068	1.49E-14
AC006227.1	P3H3	-0.36984271	1.12E-15
AC006227.1	C2orf81	-0.291529835	4.77E-10
AC006227.1	CDT1	-0.401653964	1.90E-18
AC006227.1	SNX25	-0.154490248	0.001165394
AC006227.1	MTHFD1L	-0.510362699	1.73E-30
AC006227.1	CDC42BPG	-0.578210063	1.58E-40
AC006227.1	MSN	-0.464182908	7.65E-25
AC006227.1	SIGLEC6	-0.379270085	1.82E-16
AC006227.1	F2R	-0.148906541	0.001756997
AC006227.1	TMEM184A	-0.588796561	2.60E-42
AC006227.1	CKS2	-0.279777911	2.45E-09
AC006227.1	TAX1BP3	-0.582686638	2.84E-41
AC006227.1	PMEPA1	-0.429056066	4.35E-21
AC006227.1	CXCL16	-0.55739167	3.37E-37

AC006227.1	FAXC	-0.652891813	1.10E-54
AC006227.1	VTCN1	-0.628383258	1.31E-49
AC006227.1	SH2D4A	-0.440284894	3.06E-22
AC006227.1	RNF24	-0.356793826	1.26E-14
AC006227.1	LY6G6C	-0.55503588	7.75E-37
AC006227.1	NID1	-0.299354002	1.54E-10
AC006227.1	STAC	-0.690230606	2.19E-63
AC006227.1	RAB34	-0.473376088	6.72E-26
AC006227.1	HES4	-0.268438734	1.11E-08
AC006227.1	EPHA10	-0.586870978	5.55E-42
AC006227.1	ENTPD2	-0.367428924	1.77E-15
AC006227.1	DDB2	-0.52799718	6.98E-33
AC006227.1	NKAIN4	-0.204467164	1.58E-05
AC006227.1	TRIM29	-0.514981487	4.21E-31
AC006227.1	ADCY8	-0.606488429	1.90E-45
AC006227.1	SFTA2	-0.414673487	1.13E-19
AC006227.1	NRIP1	-0.448222815	4.41E-23
AC006227.1	VWA1	-0.018879245	0.693232989
AC006227.1	APLNR	-0.02893437	0.545417884
AC006227.1	REN	-0.382762509	9.12E-17
AC006227.1	EDIL3	-0.102180109	0.032321476
AC006227.1	AGRN	-0.381468824	1.18E-16
AC006227.1	TREM1	-0.440619488	2.82E-22
AC006227.1	SRL	-0.117230458	0.013981916
AC006227.1	RASGRF1	-0.435062873	1.06E-21
AC006227.1	RMI2	-0.44713081	5.77E-23
AC006227.1	SAMD1	-0.462843113	1.08E-24
AC006227.1	MGAT4B	-0.606666917	1.77E-45
AC006227.1	NXN	-0.612249205	1.64E-46
AC006227.1	SH3BGRL3	-0.516374045	2.74E-31
AC006227.1	CA11	-0.168551423	0.000389816
AC006227.1	PLD3	-0.103049288	0.030872181
AC006227.1	LURAP1L	-0.475931711	3.37E-26
AC006227.1	CARNS1	-0.139472663	0.003408538
AC006227.1	PDLIM7	-0.393185572	1.11E-17
AC006227.1	BCL2L1	-0.724238919	1.49E-72
AC006227.1	GGT6	-0.172200186	0.000289162
AC006227.1	DPYSL3	-0.29238483	4.22E-10
AC006227.1	FYN	-0.465811766	5.00E-25
AC006227.1	TK1	-0.342963419	1.46E-13
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AC006227.1	HIGD1B	0.174289874	0.000243035
AC006227.1	TMEM59L	-0.458209858	3.58E-24
AC006227.1	MEGF9	-0.340699272	2.16E-13
AC006227.1	ZFP36L1	-0.437360069	6.17E-22
AC006227.1	ADRA1B	-0.312495789	2.12E-11
AC006227.1	EPHA4	-0.521431109	5.64E-32
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AC006227.1	NGFR	-0.220020467	3.26E-06
AC006227.1	EBI3	-0.539786549	1.46E-34
AC006227.1	S100A10	-0.638155776	1.41E-51

AC006227.1	S100B	-0.426402859	8.03E-21
AC006227.1	CD44	-0.046562752	0.330382132
AC006227.1	BHLHE41	-0.364093054	3.30E-15
AC006227.1	FBXO2	-0.357455071	1.12E-14
AC006227.1	SLC30A2	-0.425273267	1.04E-20
AC006227.1	FRMD5	-0.597853719	6.82E-44
AC006227.1	SAMD11	-0.295633328	2.64E-10
AC006227.1	SIPA1L2	-0.376835001	2.92E-16
AC006227.1	S100A16	-0.619156962	8.14E-48
AC006227.1	PPL	-0.660506628	2.34E-56
AC006227.1	ARHGDI3	-0.089041301	0.062320687
AC006227.1	CDC42EP3	-0.596137489	1.37E-43
AC006227.1	RUNX2	-0.371585038	8.04E-16
AC006227.1	LAMC2	-0.5840131	1.70E-41
AC006227.1	BRINP1	-0.452478074	1.53E-23
AC006227.1	GPRC5B	-0.349061002	5.04E-14
AC006227.1	AQP5	-0.11459186	0.016304012
AC006227.1	PLAG1	-0.213380783	6.48E-06
AC006227.1	PTPRU	-0.603235449	7.42E-45
AC006227.1	ANGPTL4	-0.535123934	6.86E-34
AC006227.1	PALM3	-0.333787543	6.94E-13
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AC006227.1	CD109	-0.501058319	2.79E-29
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AC006227.1	TMEM98	-0.501313626	2.59E-29
AC006227.1	CTHRC1	-0.445326499	8.99E-23
AC006227.1	S100A2	-0.525405956	1.60E-32
AC006227.1	C11orf80	-0.633331608	1.35E-50
AC006227.1	SREBF1	-0.45394921	1.05E-23
AC006227.1	PRSS22	-0.554866116	8.23E-37
AC006227.1	CMTM3	-0.529894962	3.78E-33
AC006227.1	RDH5	-0.330922999	1.12E-12
AC006227.1	MYH10	-0.487682642	1.31E-27
AC006227.1	EVPL	-0.507210367	4.48E-30
AC006227.1	SCD	-0.432283714	2.05E-21
AC006227.1	CD151	-0.489745665	7.32E-28
AC006227.1	S100A4	-0.483038891	4.80E-27
AC006227.1	BNIP1	-0.280145128	2.33E-09
AC006227.1	MAP3K6	-0.543303687	4.46E-35
AC006227.1	MANEAL	-0.345538616	9.34E-14
AC006227.1	CD207	-0.384866808	6.00E-17
AC006227.1	CD1A	-0.411479873	2.29E-19
AC006227.1	C3	-0.410334544	2.94E-19
AC006227.1	NT5E	-0.511309179	1.30E-30
AC006227.1	CACNG4	-0.582528761	3.02E-41
AC006227.1	FHOD1	-0.309154671	3.54E-11
AC006227.1	LEMD1	-0.585522532	9.41E-42
AC006227.1	ATP11A	-0.127216934	0.00761358
AC006227.1	PPAP2C	-0.359394554	7.86E-15

AC006227.1	DRAM1	-0.550169035	4.24E-36
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AC006227.1	LCN6	-0.160325295	0.000747751
AC006227.1	CDH4	-0.384643708	6.27E-17
AC006227.1	MMP11	-0.467045608	3.62E-25
AC006227.1	B3GAT1	-0.298351639	1.78E-10
AC006227.1	SPP1	-0.213502904	6.40E-06
AC006227.1	HLA-DQB1	-0.383789848	7.44E-17
AC006227.1	SDC3	-0.538614264	2.16E-34
AC006227.1	CX3CL1	-0.370256307	1.04E-15
AC006227.1	SDK1	-0.380880483	1.32E-16
AC006227.1	DOCK9	-0.428549707	4.89E-21
AC006227.1	CSF2	-0.517108074	2.18E-31
AC006227.1	GRHL3	-0.636079988	3.74E-51
AC006227.1	TMEM92	-0.639980733	5.93E-52
AC006227.1	BASP1	-0.590256633	1.46E-42
AC006227.1	HRH1	-0.615102261	4.79E-47
AC006227.1	ESM1	0.042401815	0.375465395
AC006227.1	B4GALNT3	-0.553854675	1.17E-36
AC006227.1	LMO3	-0.065043009	0.173716758
AC006227.1	C9orf16	-0.557376777	3.39E-37
AC006227.1	SEMA3F	-0.149970037	0.001626561
AC006227.1	PLA2G12B	-0.050041611	0.295489767
AC006227.1	KLK6	-0.438948288	4.22E-22
AC006227.1	ST3GAL5	-0.255688276	5.56E-08
AC006227.1	FAM132B	0.046940748	0.326467128
AC006227.1	CDKN1A	-0.340666649	2.17E-13
AC006227.1	E2F1	-0.424003257	1.39E-20
AC006227.1	B3GNT8	-0.307129803	4.82E-11
AC006227.1	MTMR11	-0.548204447	8.37E-36
AC006227.1	MYO1G	-0.491026455	5.09E-28
AC006227.1	TMSB10	-0.491332398	4.67E-28
AC006227.1	UNC5CL	-0.602737317	9.13E-45
AC006227.1	ABR	-0.548924555	6.53E-36
AC006227.1	PLP2	-0.566962988	1.06E-38
AC006227.1	SRCIN1	-0.344082657	1.20E-13
AC006227.1	PDE9A	-0.5931877	4.51E-43
AC006227.1	TREM2	-0.25751599	4.43E-08
AC006227.1	KDEL3	-0.350476538	3.92E-14
AC006227.1	PC	-0.473971946	5.72E-26
AC006227.1	C2CD4A	-0.574835664	5.69E-40
AC006227.1	PELI1	-0.537536727	3.09E-34
AC006227.1	SSX1	-0.230522947	1.05E-06
AC006227.1	MROH6	-0.52529972	1.66E-32
AC006227.1	ESPN	-0.387184155	3.77E-17
AC006227.1	BMP1	-0.247082727	1.57E-07
AC006227.1	TM4SF4	-0.504227887	1.09E-29
AC006227.1	CORO2A	-0.462728509	1.12E-24
AC006227.1	CD164L2	-0.442984924	1.59E-22
AC006227.1	CTSS	-0.405340881	8.64E-19

AC006227.1	CLU	-0.484055722	3.62E-27
AC006227.1	TMSB4X	-0.516277737	2.82E-31
AC006227.1	WNT10A	-0.507671781	3.90E-30
AC006227.1	NAPSA	-0.384950361	5.90E-17
AC006227.1	PLEKHA4	-0.395556523	6.80E-18
AC006227.1	SFTPA1	0.023834472	0.618459659
AC006227.1	C1orf116	-0.487083805	1.55E-27
AC006227.1	TM4SF1	-0.501407238	2.52E-29
AC006227.1	SEL1L3	-0.511006924	1.42E-30
AC006227.1	VASN	-0.557755057	2.96E-37
AC006227.1	NPTXR	-0.596337337	1.26E-43
AC006227.1	PDE4C	-0.491051418	5.05E-28
AC006227.1	CDC42EP1	-0.580229166	7.32E-41
AC006227.1	ENDOD1	-0.599816321	3.05E-44
AC006227.1	RYR1	-0.464990245	6.20E-25
AC006227.1	IL1RAP	-0.527465149	8.28E-33
AC006227.1	SLC35F2	-0.607315986	1.34E-45
AC006227.1	ISYNA1	-0.29884892	1.66E-10
AC006227.1	HLA-G	-0.550557101	3.71E-36
AC006227.1	CDKN2B	-0.559227186	1.75E-37
AC006227.1	ALDH1A3	-0.509778472	2.06E-30
AC006227.1	CLIP3	-0.397119144	4.91E-18
AC006227.1	ULBP2	-0.370283256	1.03E-15
AC006227.1	ETHE1	-0.64123109	3.27E-52
AC006227.1	XPR1	-0.525770761	1.43E-32
AC006227.1	SPTBN2	-0.643384605	1.17E-52
AC006227.1	IVL	-0.583937024	1.75E-41
AC006227.1	MARCO	-0.443769977	1.31E-22
AC006227.1	PLXND1	-0.177356679	0.000187646
AC006227.1	EMILIN2	-0.364247373	3.21E-15
AC006227.1	PLAUR	-0.550401364	3.92E-36
AC006227.1	CDC42EP5	-0.538871273	1.98E-34
AC006227.1	TRPC5	-0.135335808	0.004502945
AC006227.1	TMEM100	-0.395885727	6.35E-18
AC006227.1	QSOX1	-0.629070108	9.56E-50
AC006227.1	ARHGAP23	-0.419451983	3.90E-20
AC006227.1	MDF1	-0.296786465	2.24E-10
AC006227.1	FSTL3	-0.594397146	2.77E-43
AC006227.1	INF2	-0.439619819	3.59E-22
AC006227.1	TGFBR1	-0.488931519	9.22E-28
AC006227.1	TGFBI	-0.307718428	4.41E-11
AC006227.1	ERBB3	-0.608301733	8.85E-46
AC006227.1	CCL18	-0.323053727	4.03E-12
AC006227.1	CCL17	-0.518454957	1.43E-31
AC006227.1	C16orf45	-0.34034709	2.29E-13
AC006227.1	PRDM1	-0.145194094	0.002291034
AC006227.1	TRIM47	-0.594895845	2.27E-43
AC006227.1	CNFN	-0.482601323	5.42E-27
AC006227.1	ARMCX3	-0.270194537	8.80E-09
AC006227.1	RAMP1	-0.299222661	1.57E-10
AC006227.1	GABRD	0.072672008	0.128431279

AC006227.1	COL13A1	-0.072743777	0.128053536
AC006227.1	S100A5	-0.472415566	8.69E-26
AC006227.1	MISP	-0.555903797	5.70E-37
AC006227.1	HES6	-0.073306446	0.125121822
AC006227.1	PSD3	-0.440484459	2.91E-22
AC006227.1	DOK7	-0.564292335	2.82E-38
AC006227.1	ZMAT3	-0.542603011	5.65E-35
AC006227.1	MFAP2	-0.294662878	3.04E-10
AC006227.1	TMEM79	-0.489484684	7.89E-28
AC006227.1	SLC1A5	-0.398270011	3.86E-18
AC006227.1	BBC3	-0.530134809	3.50E-33
AC006227.1	HLA-DQB2	-0.405344569	8.64E-19
AC006227.1	C1QL1	-0.359196123	8.15E-15
AC006227.1	TMEM215	0.004799125	0.920132579
AC006227.1	PNP	-0.452920748	1.37E-23
AC006227.1	ARNTL	-0.490183091	6.47E-28
AC006227.1	CLDN2	-0.204087969	1.64E-05
AC006227.1	MVP	-0.651624355	2.08E-54
AC006227.1	LGALS1	-0.532254708	1.76E-33
AC006227.1	BIRC7	-0.391474867	1.58E-17
AC006227.1	COL8A1	-0.520199253	8.31E-32
AC006227.1	PERP	-0.636726907	2.76E-51
AC006227.1	GJA4	-0.118730103	0.012796235
AC006227.1	IGFL2	-0.536772579	3.98E-34
AC006227.1	DAPK2	-0.310778282	2.77E-11
AC006227.1	MAMLD1	-0.52253049	3.99E-32
AC006227.1	ETV5	-0.113720554	0.017141704
AC006227.1	RUNX1	-0.714071034	1.13E-69
AC006227.1	LONRF2	-0.179174748	0.000160645
AC006227.1	SPOCK1	-0.090330885	0.058609161
AC006227.1	XKRX	-0.343661259	1.29E-13
AC006227.1	TGFB1	-0.2276011	1.45E-06
AC006227.1	ERP27	-0.242501668	2.70E-07
AC006227.1	TNFRSF10C	-0.418580819	4.74E-20
AC006227.1	PALM	-0.540304964	1.23E-34
AC006227.1	TSC22D1	-0.287064374	8.96E-10
AC006227.1	TGM2	-0.548804702	6.80E-36
AC006227.1	UBE2QL1	-0.112297217	0.018591169
AC006227.1	ECE1	-0.535515405	6.03E-34
AC006227.1	COL8A2	-0.589675668	1.83E-42
AC006227.1	HIST3H2A	-0.453899708	1.07E-23
AC006227.1	TNFRSF21	-0.593081322	4.71E-43
AC006227.1	SOX4	-0.60358139	6.43E-45
AC006227.1	ELF3	-0.672602082	4.05E-59
AC006227.1	TPD52L1	-0.447441434	5.34E-23
AC006227.1	INHBB	-0.299306487	1.55E-10
AC006227.1	HPN	-0.308884613	3.69E-11
AC006227.1	MMP7	-0.47020313	1.57E-25
AC006227.1	RAB27A	-0.392019103	1.41E-17
AC006227.1	IGF2BP2	-0.405504703	8.34E-19
AC006227.1	ITGB4	-0.564106103	3.02E-38

AC006227.1	PPP1R1B	-0.468080878	2.75E-25
AC006227.1	NPDC1	-0.235077766	6.31E-07
AC006227.1	CCL13	-0.539120105	1.82E-34
AC006227.1	SPINT1	-0.668028966	4.65E-58
AC006227.1	HEY2	-0.130889383	0.00602454
AC006227.1	CST2	-0.599964472	2.87E-44
AC006227.1	ADM	-0.227569896	1.45E-06
AC006227.1	VSTM2L	-0.521996189	4.72E-32
AC006227.1	FAM84A	-0.500526145	3.26E-29
AC006227.1	P4HA2	-0.416552121	7.46E-20
AC006227.1	LPL	-0.297285023	2.08E-10
AC006227.1	TMEM173	-0.419279368	4.06E-20
AC006227.1	DHRS3	-0.398368872	3.79E-18
AC006227.1	SCN1B	-0.509485294	2.25E-30
AC006227.1	GLT1D1	-0.080272214	0.092995062
AC006227.1	PHYHIP	-0.401802751	1.84E-18
AC006227.1	BHLHE40	-0.501201716	2.67E-29
AC006227.1	BID	-0.521434513	5.64E-32
AC006227.1	POSTN	-0.373139149	5.97E-16
AC006227.1	ITGA3	-0.729840071	3.39E-74
AC006227.1	RSP04	-0.55560367	6.34E-37
AC006227.1	ADAMTS9	-0.023980279	0.616313286
AC006227.1	ABTB2	-0.681054305	3.97E-61
AC006227.1	KCNQ3	-0.681564493	2.99E-61
AC006227.1	ANXA1	-0.430469049	3.13E-21
AC006227.1	S100A11	-0.622023067	2.29E-48
AC006227.1	CEACAM6	-0.584046222	1.67E-41
AC006227.1	IER5L	-0.505296982	7.94E-30
AC006227.1	KRT80	-0.611426124	2.34E-46
AC006227.1	CDH6	-0.619900898	5.86E-48
AC006227.1	UNC5B	-0.434523324	1.21E-21
AC006227.1	PLEKHN1	-0.631135542	3.71E-50
AC006227.1	SYTL1	-0.423624977	1.52E-20
AC006227.1	TMEM163	-0.542279055	6.31E-35
AC006227.1	C4orf48	-0.222884019	2.40E-06
AC006227.1	B3GNT7	-0.291727698	4.63E-10
AC006227.1	BAIAP3	-0.386039812	4.74E-17
AC006227.1	PHLDA2	-0.533856051	1.04E-33
AC006227.1	GAP43	-0.55690593	4.00E-37
AC006227.1	S100A1	-0.440840896	2.67E-22
AC006227.1	PTPRE	-0.612735565	1.33E-46
AC006227.1	CCND1	-0.469286495	2.00E-25
AC006227.1	ST6GALNAC5	-0.716059106	3.17E-70
AC006227.1	KRT17	-0.248078708	1.40E-07
AC006227.1	HPCAL4	-0.21247884	7.10E-06
AC006227.1	GABBR2	-0.228659773	1.29E-06
AC006227.1	DIRAS3	-0.259921692	3.28E-08
AC006227.1	SERINC2	-0.421139705	2.67E-20
AC006227.1	PTCHD4	-0.381952347	1.07E-16
AC006227.1	EPS8	-0.306103894	5.63E-11
AC006227.1	LY6E	-0.55911329	1.82E-37

AC006227.1	UPP1	-0.623373216	1.25E-48
AC006227.1	AHNAK2	-0.666256852	1.18E-57
AC006227.1	PLXNC1	-0.297759894	1.94E-10
AC006227.1	TNC	-0.579132055	1.11E-40
AC006227.1	DUSP4	-0.369108276	1.29E-15
AC006227.1	NRCAM	-0.405590514	8.19E-19
AC006227.1	NRP2	-0.337986209	3.42E-13
AC006227.1	CTSC	-0.562924173	4.63E-38
AC006227.1	AMIG02	-0.312003756	2.29E-11
AC006227.1	NAB2	-0.310530067	2.87E-11
AC006227.1	TBC1D2	-0.667656501	5.66E-58
AC006227.1	PHLDA3	-0.555436302	6.73E-37
AC006227.1	PTP4A3	-0.406085952	7.36E-19
AC006227.1	CRABP2	-0.221026802	2.93E-06
AC006227.1	GOS2	-0.36273709	4.25E-15
AC006227.1	S100A6	-0.678753846	1.42E-60
AC006227.1	FOXQ1	-0.458832524	3.05E-24
AC006227.1	LRG1	-0.471477738	1.12E-25
AC006227.1	LAMP5	-0.417459312	6.10E-20
AC006227.1	ALDH3B1	-0.623044862	1.45E-48
AC006227.1	CDH2	0.050974599	0.286566381
AC006227.1	SCG5	-0.121786695	0.010650776
AC006227.1	ZCCHC16	-0.119319122	0.012355357
AC006227.1	GRB7	-0.56916643	4.73E-39
AC006227.1	TIAM1	-0.401285187	2.05E-18
AC006227.1	FXYD5	-0.327890377	1.84E-12
AC006227.1	CLDN9	-0.412123821	1.99E-19
AC006227.1	FAM43A	-0.448773285	3.84E-23
AC006227.1	CHST2	-0.457550315	4.23E-24
AC006227.1	HMGA2	-0.362136409	4.75E-15
AC006227.1	GALNT7	-0.419969264	3.47E-20
AC006227.1	CBLN1	-0.443953514	1.26E-22
AC006227.1	STRA6	-0.52071937	7.06E-32
AC006227.1	MUC21	-0.565171653	2.05E-38
AC006227.1	PRR36	-0.440964436	2.60E-22
AC006227.1	NFE2L3	-0.616023919	3.21E-47
AC006227.1	NR1D1	-0.281620093	1.90E-09
AC006227.1	MUC1	-0.666612296	9.81E-58
AC006227.1	NAT8L	-0.10301553	0.030927413
AC006227.1	APOC1	-0.098981538	0.038165409
AC006227.1	EVA1A	-0.684258833	6.60E-62
AC006227.1	ENTPD1	-0.037825437	0.429204148
AC006227.1	COL1A1	-0.431599066	2.41E-21
AC006227.1	FNDC4	-0.442893281	1.63E-22
AC006227.1	FRMD3	0.078866465	0.098882409
AC006227.1	SHROOM4	-0.400706349	2.32E-18
AC006227.1	NELL2	-0.244653765	2.10E-07
AC006227.1	EPHB3	-0.640195111	5.36E-52
AC006227.1	TMC6	-0.561411479	8.00E-38
AC006227.1	NOD1	-0.384187418	6.87E-17
AC006227.1	GGCT	-0.50410867	1.13E-29

AC006227.1	ICAM1	-0.502368044	1.90E-29
AC006227.1	PRSS23	-0.462878714	1.07E-24
AC006227.1	CFI	-0.502633137	1.75E-29
AC006227.1	CD55	-0.630533726	4.89E-50
AC006227.1	RASD2	-0.472331173	8.89E-26
AC006227.1	KLK11	-0.306795778	5.07E-11
AC006227.1	ICAM5	-0.373682243	5.38E-16
AC006227.1	ADORA1	-0.501278875	2.61E-29
AC006227.1	ITGA2	-0.597522671	7.81E-44
AC006227.1	ABCC3	-0.332006635	9.33E-13
AC006227.1	MFGE8	-0.561028235	9.18E-38
AC006227.1	STK32A	-0.257022397	4.71E-08
AC006227.1	CYSLTR2	-0.312241901	2.21E-11
AC006227.1	LAD1	-0.596190961	1.34E-43
AC006227.1	MGAT3	-0.617546684	1.65E-47
AC006227.1	IGFBP6	-0.42774393	5.90E-21
AC006227.1	CYP2S1	-0.661735364	1.24E-56
AC006227.1	KCNJ2	-0.418845771	4.47E-20
AC006227.1	FAM20A	-0.495085978	1.59E-28
AC006227.1	TGFA	-0.373055607	6.07E-16
AC006227.1	MXRA8	-0.542527554	5.80E-35
AC006227.1	C8orf4	-0.424818821	1.16E-20
AC006227.1	CLDN10	-0.530070161	3.57E-33
AC006227.1	PDE5A	-0.459144424	2.82E-24
AC006227.1	APOE	-0.088685006	0.063379631
AC006227.1	SPOCK2	-0.553373138	1.39E-36
AC006227.1	TENM1	-0.000329772	0.994502793
AC006227.1	SLIT1	-0.08314768	0.081826591
AC006227.1	CXCL14	-0.298542126	1.73E-10
AC006227.1	ECM1	-0.065057334	0.173621809
AC006227.1	DUSP5	-0.616252987	2.91E-47
AC006227.1	SEZ6L2	-0.383858356	7.34E-17
AC006227.1	THRSP	-0.040654664	0.395473802
AC006227.1	C19orf33	-0.645743784	3.72E-53
AC006227.1	MPZL2	-0.460586625	1.94E-24
AC006227.1	CTSH	-0.499720226	4.13E-29
AC006227.1	CYP1B1	-0.526515549	1.12E-32
AC006227.1	ALOX5	-0.613810124	8.39E-47
AC006227.1	SYTL5	-0.533977979	9.99E-34
AC006227.1	TNFRSF12A	-0.499178124	4.84E-29
AC006227.1	DUSP6	-0.456112795	6.10E-24
AC006227.1	ALOX15B	-0.568466321	6.12E-39
AC006227.1	SDC4	-0.560353657	1.17E-37
AC006227.1	MDK	-0.424410755	1.27E-20
AC006227.1	KRT19	-0.711755541	4.93E-69
AC006227.1	MET	-0.61528126	4.43E-47
AC006227.1	TESC	-0.104346815	0.028812251
AC006227.1	CXCL17	-0.610558102	3.39E-46
AC006227.1	NPC2	-0.362245766	4.65E-15
AC006227.1	COMP	-0.436918388	6.85E-22
AC006227.1	TUSC3	-0.406980945	6.07E-19

AC006227.1	TMPRSS4	-0.704752753	3.86E-67
AC006227.1	LGALS3	-0.615834425	3.49E-47
AC006227.1	CRLF1	-0.514426903	4.99E-31
AC006227.1	CTXN1	-0.586193564	7.24E-42
AC006227.1	PCSK1N	-0.271558727	7.36E-09
AC006227.1	NMU	-0.411931548	2.07E-19
AC006227.1	GALE	-0.456392214	5.68E-24
AC006227.1	PCSK2	-0.008856317	0.85320157
AC006227.1	GJB3	-0.49004948	6.72E-28
AC006227.1	SLPI	-0.617948934	1.38E-47
AC006227.1	AGR2	-0.181802283	0.000127994
AC006227.1	MRC2	-0.525765088	1.43E-32
AC006227.1	GOLT1A	-0.35915031	8.22E-15
AC006227.1	SLC27A6	-0.524687853	2.01E-32
AC006227.1	KCNN4	-0.703043047	1.10E-66
AC006227.1	ETV4	-0.339987474	2.43E-13
AC006227.1	SYT12	-0.613471984	9.70E-47
AC006227.1	PVRL4	-0.660811295	2.00E-56
AC006227.1	PLCD3	-0.55116147	3.01E-36
AC006227.1	PLAU	-0.579451757	9.86E-41
AC006227.1	LRRK2	-0.002677178	0.955394962
AC006227.1	SFN	-0.629983823	6.29E-50
AC006227.1	LPAR5	-0.469180542	2.06E-25
AC006227.1	NGEF	-0.601139237	1.77E-44
AC006227.1	DTX4	-0.487225359	1.49E-27
AC006227.1	CST6	-0.559455685	1.61E-37
AC006227.1	QPCT	-0.378924122	1.94E-16
AC006227.1	TIMP1	-0.515800029	3.27E-31
AC006227.1	CAMK2N1	-0.520037275	8.75E-32
AC006227.1	KLHDC8A	-0.121541884	0.010810039
AC006227.1	PDLIM4	-0.656776877	1.57E-55
AC006227.1	SCEL	-0.47342105	6.64E-26
AC006227.1	LCN2	-0.686015913	2.44E-62
AC006227.1	PROS1	-0.640824018	3.97E-52
AC006227.1	GABRB2	-0.555704091	6.12E-37
AC006227.1	TMPRSS6	-0.628111005	1.48E-49
AC006227.1	KLK7	-0.473997425	5.68E-26
AC006227.1	PDZK1IP1	-0.488879039	9.36E-28
AC006227.1	CDH3	-0.430359976	3.21E-21
AC006227.1	LRP4	-0.188956269	6.78E-05
AC006227.1	IGSF1	-0.227644502	1.44E-06
AC006227.1	B3GNT3	-0.706223321	1.56E-67
AC006227.1	CLDN1	-0.584972487	1.17E-41
AC006227.1	GDF15	-0.595718218	1.63E-43
AC006227.1	ARHGAP36	-0.217555978	4.21E-06
AC006227.1	LAMB3	-0.592832823	5.20E-43
AC006227.1	KLK10	-0.474458022	5.02E-26
AC006227.1	DPP4	-0.522919407	3.53E-32
AC006227.1	METTL7B	-0.384495347	6.46E-17
AC006227.1	LIPH	-0.640471694	4.70E-52
AC006227.1	CLDN16	-0.536270404	4.70E-34

AC006227.1	CHI3L1	-0.519486095	1.04E-31
AC006227.1	SLC22A31	-0.474129057	5.49E-26
AC006227.1	TACSTD2	-0.630675989	4.58E-50
AC006227.1	SFTPB	-0.558159719	2.56E-37
AC006227.1	RXRG	-0.221319271	2.84E-06
AC006227.1	DCSTAMP	-0.596480766	1.19E-43
AC006227.1	CITED1	-0.306813222	5.06E-11
AC006227.1	SERPINA1	-0.656180735	2.12E-55
AC006227.1	PRR15	-0.30468538	6.97E-11
AC006227.1	SLC34A2	-0.623483423	1.19E-48
AC006227.1	FN1	-0.744051169	1.48E-78
AC006227.1	ZCCHC12	-0.163592368	0.000579402
RP11-16005.1	TFF3	0.555691782	0
RP11-16005.1	CCL21	0.475724815	3.57E-26
RP11-16005.1	TPO	0.552693629	0
RP11-16005.1	MT1G	0.542842331	0
RP11-16005.1	DIO1	0.495944451	0
RP11-16005.1	DPT	0.459126602	2.83E-24
RP11-16005.1	CDH16	0.555907517	0
RP11-16005.1	CRABP1	0.419821328	3.59E-20
RP11-16005.1	SLC26A7	0.469206308	0
RP11-16005.1	MT1H	0.539010536	1.89E-34
RP11-16005.1	SLC26A4	0.512719387	0
RP11-16005.1	SLC5A8	0.548016622	8.93E-36
RP11-16005.1	PKHD1L1	0.458654355	3.19E-24
RP11-16005.1	TFCP2L1	0.500319701	0
RP11-16005.1	WSCD2	0.559167166	1.79E-37
RP11-16005.1	IPCEF1	0.535024268	0
RP11-16005.1	SLC5A5	0.513825066	6.01E-31
RP11-16005.1	MT1F	0.571190042	0
RP11-16005.1	FOSB	0.28553474	1.32E-09
RP11-16005.1	SEMA3D	0.51934093	1.09E-31
RP11-16005.1	BMP8A	0.510069869	0
RP11-16005.1	MATN2	0.456131761	0
RP11-16005.1	PLA2R1	0.442464761	0
RP11-16005.1	COL23A1	0.603766627	0
RP11-16005.1	HGD	0.655645827	0
RP11-16005.1	TCEAL2	0.520091797	0
RP11-16005.1	CHRD1	0.426101168	8.61E-21
RP11-16005.1	TNFRSF11B	0.447408352	0
RP11-16005.1	FAM167A	0.483972972	0
RP11-16005.1	KIT	0.423540709	0
RP11-16005.1	SLC4A4	0.535013914	0
RP11-16005.1	SMOC2	0.418068632	0
RP11-16005.1	FHL1	0.51928985	0
RP11-16005.1	OTOS	0.659240405	0
RP11-16005.1	IGFBPL1	0.467560212	3.16E-25
RP11-16005.1	HBB	0.305389811	7.86E-11
RP11-16005.1	BEX1	0.430341374	0
RP11-16005.1	FABP4	0.409919438	3.21E-19
RP11-16005.1	LMOD1	0.521908589	0

RP11-16005.1	SOD3	0.604606303	0
RP11-16005.1	TMEM171	0.494916415	0
RP11-16005.1	PI16	0.428163039	0
RP11-16005.1	ZMAT4	0.609800835	4.68E-46
RP11-16005.1	MFAP4	0.397129784	0
RP11-16005.1	CWH43	0.507858079	3.68E-30
RP11-16005.1	SPX	0.548213703	0
RP11-16005.1	APOD	0.309649038	4.17E-11
RP11-16005.1	DPP6	0.589162367	0
RP11-16005.1	MMRN1	0.460880468	0
RP11-16005.1	WDR72	0.362638823	5.24E-15
RP11-16005.1	MPPED2	0.574400951	0
RP11-16005.1	PAPSS2	0.468831149	0
RP11-16005.1	DCN	0.345502061	1.28E-13
RP11-16005.1	SORBS2	0.51621014	0
RP11-16005.1	EGR2	0.219921167	3.48E-06
RP11-16005.1	EDN3	0.463735614	8.60E-25
RP11-16005.1	DIO2	0.441343113	0
RP11-16005.1	ITPR1	0.551589994	0
RP11-16005.1	CFD	0.476292349	0
RP11-16005.1	CPXM1	0.486079537	0
RP11-16005.1	ELMO1	0.617845948	0
RP11-16005.1	GPC3	0.470028625	1.64E-25
RP11-16005.1	MYOC	0.240880222	3.26E-07
RP11-16005.1	DEPTOR	0.450134603	0
RP11-16005.1	DGKI	0.38389723	0
RP11-16005.1	CARTPT	0.55214598	2.13E-36
RP11-16005.1	IYD	0.362191611	5.74E-15
RP11-16005.1	LYVE1	0.424258405	0
RP11-16005.1	CLCNKB	0.48036889	0
RP11-16005.1	NCAM1	0.452647532	0
RP11-16005.1	HBA2	0.301613539	1.37E-10
RP11-16005.1	GLT8D2	0.550711171	0
RP11-16005.1	OGDHL	0.459915976	0
RP11-16005.1	LIFR	0.380293291	5.10E-17
RP11-16005.1	CSGALNACT1	0.271318688	8.73E-09
RP11-16005.1	RAP1GAP	0.373467804	4.69E-16
RP11-16005.1	COL9A3	0.544938826	0
RP11-16005.1	FBLN1	0.343390815	1.85E-13
RP11-16005.1	EFEMP1	0.435792175	0
RP11-16005.1	AOX1	0.513522912	6.59E-31
RP11-16005.1	GRIN2C	0.523844949	0
RP11-16005.1	C11orf74	0.572441187	0
RP11-16005.1	PPARGC1A	0.523430501	0
RP11-16005.1	ANGPTL1	0.468887316	0
RP11-16005.1	SCARA5	0.422642558	1.90E-20
RP11-16005.1	LTF	0.543724558	0
RP11-16005.1	CA4	0.390616974	1.88E-17
RP11-16005.1	TG	0.343566268	1.79E-13
RP11-16005.1	FCGBP	0.454274971	0
RP11-16005.1	PBX4	0.589289595	0

RP11-16005.1	CYR61	0.322704011	5.61E-12
RP11-16005.1	FOS	0.317564685	1.25E-11
RP11-16005.1	KHDRBS2	0.487177356	0
RP11-16005.1	MUM1L1	0.468251318	0
RP11-16005.1	RGS16	0.540626977	0
RP11-16005.1	MT1M	0.469823725	0
RP11-16005.1	LRP2	0.405162304	0
RP11-16005.1	MAFB	0.548320365	0
RP11-16005.1	KCNK2	0.403297571	0
RP11-16005.1	TBC1D4	0.607560061	0
RP11-16005.1	MIOX	0.567975465	7.33E-39
RP11-16005.1	TPPP	0.385295319	0
RP11-16005.1	FMOD	0.505353643	0
RP11-16005.1	CITED2	0.317552345	1.25E-11
RP11-16005.1	RGS8	0.545738498	1.95E-35
RP11-16005.1	ABI3BP	0.438209788	0
RP11-16005.1	ADH1B	0.434519624	1.21E-21
RP11-16005.1	OGN	0.381391107	1.20E-16
RP11-16005.1	NR4A1	0.213982163	6.41E-06
RP11-16005.1	FOXJ1	0.540114551	1.31E-34
RP11-16005.1	ALDH1A1	0.521280108	0
RP11-16005.1	OCA2	0.432897433	1.77E-21
RP11-16005.1	TMEM139	0.40667287	0
RP11-16005.1	ARHGAP24	0.668515419	0
RP11-16005.1	SLC25A15	0.347620966	8.81E-14
RP11-16005.1	DES	0.330392376	1.22E-12
RP11-16005.1	GDF10	0.471996279	9.73E-26
RP11-16005.1	KIAA1324	0.677711146	0
RP11-16005.1	JUN	0.364648088	3.48E-15
RP11-16005.1	C7	0.302723557	1.16E-10
RP11-16005.1	LGI3	0.584810662	0
RP11-16005.1	CDON	0.571357552	0
RP11-16005.1	BCL2	0.410226599	0
RP11-16005.1	HLF	0.552934894	0
RP11-16005.1	EGR1	0.290483012	6.66E-10
RP11-16005.1	IP6K3	0.44157842	0
RP11-16005.1	SCUBE3	0.370063004	1.07E-15
RP11-16005.1	PKNOX2	0.482691757	0
RP11-16005.1	SMAD9	0.288551049	8.71E-10
RP11-16005.1	IQGAP2	0.419380484	0
RP11-16005.1	GNA14	0.499580588	0
RP11-16005.1	LAYN	0.494632599	0
RP11-16005.1	AVPR1A	0.455772771	0
RP11-16005.1	PDLIM3	0.526651622	0
RP11-16005.1	GPM6A	0.420032793	0
RP11-16005.1	SDPR	0.292122933	5.30E-10
RP11-16005.1	CRYAB	0.26767319	1.39E-08
RP11-16005.1	FOXA2	0.4363967	7.76E-22
RP11-16005.1	C8orf88	0.496335638	0
RP11-16005.1	ISM1	0.524399249	0
RP11-16005.1	BMP2	0.295830556	3.14E-10

RP11-16005.1	ID4	0.4063031	0
RP11-16005.1	NUPR1	0.482255891	0
RP11-16005.1	SERTM1	0.468637204	2.38E-25
RP11-16005.1	IRS1	0.543127991	0
RP11-16005.1	FIBIN	0.423785945	0
RP11-16005.1	PODN	0.344930599	1.41E-13
RP11-16005.1	TDRD9	0.37751924	1.48E-16
RP11-16005.1	EPHA3	0.462277422	0
RP11-16005.1	AIF1L	0.226133917	1.81E-06
RP11-16005.1	EBF4	0.564061875	0
RP11-16005.1	ADM2	0.54251256	0
RP11-16005.1	GSTM3	0.499615196	0
RP11-16005.1	HSD17B6	0.248900337	1.40E-07
RP11-16005.1	AGR3	0.34572031	9.05E-14
RP11-16005.1	EPHB1	0.400098009	0
RP11-16005.1	TMOD1	0.524663775	0
RP11-16005.1	WASF3	0.463135679	0
RP11-16005.1	SELV	0.563980443	3.16E-38
RP11-16005.1	ENPP1	0.369188578	1.31E-15
RP11-16005.1	SYNE1	0.547882178	9.35E-36
RP11-16005.1	PLCH1	0.605013233	0
RP11-16005.1	CCDC146	0.514634755	0
RP11-16005.1	SLC16A2	0.534359194	0
RP11-16005.1	IER2	0.461241018	0
RP11-16005.1	KCNAB1	0.433715679	0
RP11-16005.1	SYNDIG1	0.518100404	0
RP11-16005.1	C16orf89	0.530046494	0
RP11-16005.1	CTGF	0.196107989	3.64E-05
RP11-16005.1	NR4A3	0.16983493	0.000357659
RP11-16005.1	KIAA1456	0.445654819	0
RP11-16005.1	AQP4	0.484090271	0
RP11-16005.1	RNF150	0.473960547	0
RP11-16005.1	C1S	0.351465603	4.41E-14
RP11-16005.1	PFKFB2	0.393284012	0
RP11-16005.1	PROX1	0.459719531	0
RP11-16005.1	TCF7L1	0.549659591	0
RP11-16005.1	HSPB6	0.389082796	0
RP11-16005.1	FHDC1	0.370669216	9.30E-16
RP11-16005.1	PRR15L	0.478293387	0
RP11-16005.1	SLC1A1	0.428827971	0
RP11-16005.1	BTBD11	0.485204969	0
RP11-16005.1	TRIM58	0.344656286	1.48E-13
RP11-16005.1	LRIG1	0.481915057	0
RP11-16005.1	ROR2	0.314328671	2.06E-11
RP11-16005.1	GPR125	0.437385006	0
RP11-16005.1	FLRT1	0.525280341	0
RP11-16005.1	PGF	0.436213431	0
RP11-16005.1	DUSP1	0.23328265	8.31E-07
RP11-16005.1	PLA2G7	0.327347617	2.68E-12
RP11-16005.1	PLSCR4	0.423416034	0
RP11-16005.1	FAM46B	0.418670163	0

RP11-16005.1	GLDC	0.471875257	0
RP11-16005.1	ZBTB16	0.304882601	8.47E-11
RP11-16005.1	OMD	0.322074224	4.71E-12
RP11-16005.1	HSD11B2	0.509978242	0
RP11-16005.1	FGL2	0.402807382	0
RP11-16005.1	CLCNKA	0.607108899	1.47E-45
RP11-16005.1	GATM	0.400458418	0
RP11-16005.1	TNS3	0.310482331	3.68E-11
RP11-16005.1	TOB1	0.260756503	3.33E-08
RP11-16005.1	MARC2	0.487565281	0
RP11-16005.1	LRRC2	0.412437273	0
RP11-16005.1	SORD	0.21183177	7.96E-06
RP11-16005.1	RIMS4	0.397967758	0
RP11-16005.1	SLC29A4	0.465066224	0
RP11-16005.1	SLC39A14	0.418863771	0
RP11-16005.1	FAXDC2	0.427777667	0
RP11-16005.1	HSPB8	0.317437315	1.28E-11
RP11-16005.1	CCL19	0.261142055	2.81E-08
RP11-16005.1	KCNIP3	0.494389349	0
RP11-16005.1	CGNL1	0.395739071	0
RP11-16005.1	ATF3	0.087306002	0.067632389
RP11-16005.1	SGCD	0.341129931	2.73E-13
RP11-16005.1	STARD13	0.355302014	2.17E-14
RP11-16005.1	LDHD	0.578212682	0
RP11-16005.1	RCAN1	0.256315866	5.74E-08
RP11-16005.1	ID3	0.323482839	4.96E-12
RP11-16005.1	SYTL3	0.48609911	0
RP11-16005.1	MT1E	0.493009982	0
RP11-16005.1	CAMK1D	0.508422005	0
RP11-16005.1	PRKCQ	0.4542988	0
RP11-16005.1	NUAK2	0.375278639	2.89E-16
RP11-16005.1	LIPG	0.354361634	2.59E-14
RP11-16005.1	SLC25A25	0.224073023	2.25E-06
RP11-16005.1	PRKX	0.124077846	0.009294856
RP11-16005.1	SRPX	0.406801658	0
RP11-16005.1	FAM189A1	0.465899233	0
RP11-16005.1	PLEKHH1	0.367090098	2.07E-15
RP11-16005.1	WNT11	0.470707512	0
RP11-16005.1	SNAI1	0.316797204	1.41E-11
RP11-16005.1	FDCSP	0.22021529	3.19E-06
RP11-16005.1	MT1X	0.447667063	0
RP11-16005.1	ACACB	0.505692491	0
RP11-16005.1	ARC	0.097968325	0.040227812
RP11-16005.1	KLK4	0.312034194	2.28E-11
RP11-16005.1	ZFPM2	0.395569575	0
RP11-16005.1	AKAP12	0.176395181	0.000208055
RP11-16005.1	GJB6	0.239916832	3.64E-07
RP11-16005.1	ERO1LB	0.366757632	2.23E-15
RP11-16005.1	DNALI1	0.54686157	0
RP11-16005.1	HKDC1	0.427225779	0
RP11-16005.1	ZFP36L2	0.387123458	0

RP11-16005.1	CAPSL	0.653455751	8.34E-55
RP11-16005.1	CYP7B1	0.36588278	2.68E-15
RP11-16005.1	CPQ	0.397619547	0
RP11-16005.1	RPS6KA6	0.419829839	3.58E-20
RP11-16005.1	TLE1	0.504273269	0
RP11-16005.1	TP53INP2	0.37907803	8.53E-17
RP11-16005.1	KATNAL2	0.51441817	0
RP11-16005.1	SGPP2	0.30929402	4.40E-11
RP11-16005.1	CTH	0.491293753	0
RP11-16005.1	KIF12	0.342181654	2.28E-13
RP11-16005.1	TMEM220	0.539923039	0
RP11-16005.1	CENPJ	0.456963778	0
RP11-16005.1	FAM155B	0.431839457	0
RP11-16005.1	WFS1	0.444516151	0
RP11-16005.1	SELENBP1	0.555338182	0
RP11-16005.1	SNTA1	0.515035445	0
RP11-16005.1	FRAS1	0.163396375	0.000597504
RP11-16005.1	FBLN7	0.5721673	0
RP11-16005.1	AGPAT9	0.326887639	2.88E-12
RP11-16005.1	GPR83	0.401647296	0
RP11-16005.1	PRTG	0.369849539	1.12E-15
RP11-16005.1	EGR3	0.178985836	0.000167096
RP11-16005.1	GRAMD2	0.326448512	3.09E-12
RP11-16005.1	HYOU1	0.379060017	8.59E-17
RP11-16005.1	FBLN5	0.388827915	0
RP11-16005.1	ITM2A	0.404024203	0
RP11-16005.1	SRF	0.411140739	0
RP11-16005.1	FGFR2	0.190346707	6.17E-05
RP11-16005.1	MT1A	0.340551532	2.21E-13
RP11-16005.1	MAMDC2	0.321933836	6.33E-12
RP11-16005.1	FHL2	0.467528942	0
RP11-16005.1	FTCDNL1	0.447016314	0
RP11-16005.1	PKIA	0.258102021	4.61E-08
RP11-16005.1	DNAJB4	0.235842669	6.26E-07
RP11-16005.1	SLC25A33	0.580985456	0
RP11-16005.1	EYA2	0.374046358	4.04E-16
RP11-16005.1	LPAR1	0.322809822	5.52E-12
RP11-16005.1	STX11	0.332881677	1.09E-12
RP11-16005.1	ARHGEF28	0.445414406	0
RP11-16005.1	OR2W3	0.416512962	0
RP11-16005.1	ALDH1B1	0.440778049	2.72E-22
RP11-16005.1	CXCL12	0.335974577	6.52E-13
RP11-16005.1	OLFM2	0.494516577	0
RP11-16005.1	TUB	0.168325783	0.000404037
RP11-16005.1	HTRA3	0.258431083	4.43E-08
RP11-16005.1	CKB	0.48231986	0
RP11-16005.1	RGS2	0.24171657	3.22E-07
RP11-16005.1	SHANK2	0.445061373	0
RP11-16005.1	CNTFR	0.554362974	9.82E-37
RP11-16005.1	CYTH3	0.413174967	0
RP11-16005.1	PLAC9	0.449523002	0

RP11-16005.1	WVOX	0.483157266	0
RP11-16005.1	NPR3	0.32285521	5.48E-12
RP11-16005.1	SDC2	0.250749467	1.12E-07
RP11-16005.1	KLF15	0.460825577	0
RP11-16005.1	TMEM164	0.505287263	0
RP11-16005.1	LONRF3	0.19843426	2.93E-05
RP11-16005.1	GBP1	0.375540612	2.69E-16
RP11-16005.1	ARHGAP6	0.302050256	1.28E-10
RP11-16005.1	TMEM119	0.309936826	4.00E-11
RP11-16005.1	SH3RF1	0.26533387	1.88E-08
RP11-16005.1	CRELD2	0.54130354	0
RP11-16005.1	PCP4	0.165609034	0.000501932
RP11-16005.1	GCSH	0.52381956	0
RP11-16005.1	IMPA2	0.353399411	3.10E-14
RP11-16005.1	C1R	0.356507913	1.73E-14
RP11-16005.1	SUCNR1	0.403932151	0
RP11-16005.1	SFRP1	0.397078722	0
RP11-16005.1	UGT8	0.463122346	0
RP11-16005.1	TLE4	0.382905222	6.02E-18
RP11-16005.1	ANTXR1	0.397013477	0
RP11-16005.1	GPX3	0.397013336	0
RP11-16005.1	DPY19L2	0.500908325	0
RP11-16005.1	FAM46C	0.496711648	0
RP11-16005.1	IL33	0.359809327	7.29E-15
RP11-16005.1	PEG3	0.317637731	1.24E-11
RP11-16005.1	FAHD2A	0.517441996	0
RP11-16005.1	PTGDS	0.174879226	0.000236205
RP11-16005.1	CHCHD10	0.524842915	0
RP11-16005.1	CD36	0.401833245	0
RP11-16005.1	ANKRD37	0.454083633	0
RP11-16005.1	TSPAN33	0.538217022	0
RP11-16005.1	PRDM16	0.330937941	1.50E-12
RP11-16005.1	UST	0.446066998	0
RP11-16005.1	NEXN	0.450135313	0
RP11-16005.1	NUPR1L	0.305839898	5.86E-11
RP11-16005.1	SLC24A3	0.57041164	0
RP11-16005.1	MARC1	0.50234783	0
RP11-16005.1	MYH11	0.273754741	6.36E-09
RP11-16005.1	APOA1	0.5053104	7.91E-30
RP11-16005.1	TMEM178B	0.318309897	1.12E-11
RP11-16005.1	CAPN6	0.382336584	9.93E-17
RP11-16005.1	PPM1L	0.474843057	0
RP11-16005.1	FZD8	0.562731726	0
RP11-16005.1	RCAN2	0.496441732	0
RP11-16005.1	COPZ2	0.563055115	0
RP11-16005.1	GAS1	0.368834836	1.41E-15
RP11-16005.1	DACT1	0.423279303	0
RP11-16005.1	WBSCR17	0.433341229	0
RP11-16005.1	NCS1	0.270353628	9.89E-09
RP11-16005.1	SPIRE2	0.401510565	0
RP11-16005.1	C15orf52	0.500433171	0

RP11-16005.1	SPAG5	0.566448285	0
RP11-16005.1	ARL4D	0.499522434	0
RP11-16005.1	FAM189A2	0.347367645	9.21E-14
RP11-16005.1	MAP1LC3A	0.577329888	0
RP11-16005.1	KLF6	0.028111552	0.556765934
RP11-16005.1	ADD3	0.247172193	1.71E-07
RP11-16005.1	TSPAN7	0.299828377	1.77E-10
RP11-16005.1	KLF9	0.291845074	5.51E-10
RP11-16005.1	KCNQ1	0.504991107	0
RP11-16005.1	MAN1A1	0.326092075	3.28E-12
RP11-16005.1	MLF1	0.283729295	1.69E-09
RP11-16005.1	RARB	0.45417143	0
RP11-16005.1	CDC42EP2	0.578051555	0
RP11-16005.1	FAM3B	0.274287623	5.93E-09
RP11-16005.1	GADD45B	0.293061328	4.64E-10
RP11-16005.1	TMEM47	0.403436288	0
RP11-16005.1	SDF2L1	0.480243931	0
RP11-16005.1	CCDC85A	0.156579825	0.001008508
RP11-16005.1	CRYBG3	0.033823901	0.479496693
RP11-16005.1	FBLN2	0.18995864	6.38E-05
RP11-16005.1	PEBP4	0.425143043	0
RP11-16005.1	CDADC1	0.555139894	0
RP11-16005.1	FAM63A	0.439747728	0
RP11-16005.1	GLUL	0.334538902	8.28E-13
RP11-16005.1	FREM2	0.370385542	9.93E-16
RP11-16005.1	ACKR3	0.351345893	4.51E-14
RP11-16005.1	DENND6A	0.408138047	0
RP11-16005.1	CLDN8	0.136394982	0.004223267
RP11-16005.1	UTS2R	0.086309818	0.070823408
RP11-16005.1	SCNN1B	0.381393663	2.80E-17
RP11-16005.1	TTC30A	0.417137613	0
RP11-16005.1	CORO2B	0.506849173	0
RP11-16005.1	TC2N	0.35784799	1.34E-14
RP11-16005.1	ALDH2	0.66665948	0
RP11-16005.1	GPR183	0.170828215	0.000329896
RP11-16005.1	C4orf47	0.527817098	0
RP11-16005.1	SLC25A42	0.476192212	0
RP11-16005.1	LGMN	0.524001396	0
RP11-16005.1	ACSF2	0.615752574	0
RP11-16005.1	KIAA1467	0.338318719	4.40E-13
RP11-16005.1	PRKG1	0.516950105	0
RP11-16005.1	GNAI1	0.462038994	0
RP11-16005.1	ABCC4	0.39484961	0
RP11-16005.1	PRPS1	0.483052165	0
RP11-16005.1	TSPAN5	0.333256552	1.02E-12
RP11-16005.1	CR2	0.339593316	2.60E-13
RP11-16005.1	CCDC170	0.364298176	3.74E-15
RP11-16005.1	RRAD	0.218096716	4.21E-06
RP11-16005.1	SCGB2A1	0.53981269	0
RP11-16005.1	SESN3	0.375568838	2.67E-16
RP11-16005.1	SGK223	0.16443746	0.000550607

RP11-16005.1	NDRG2	0.561204282	0
RP11-16005.1	C3orf52	0.216440909	4.99E-06
RP11-16005.1	FLRT3	-0.248089738	1.54E-07
RP11-16005.1	MST1R	-0.442042653	0
RP11-16005.1	SDC1	-0.29242377	5.08E-10
RP11-16005.1	ST8SIA4	-0.329601977	1.86E-12
RP11-16005.1	UBTD1	-0.272696636	7.30E-09
RP11-16005.1	EPHA2	-0.428479052	0
RP11-16005.1	TMEM130	-0.280956521	2.45E-09
RP11-16005.1	SPINK2	-0.220595886	3.25E-06
RP11-16005.1	MMP16	-0.4724653	0
RP11-16005.1	SIGLEC15	-0.496195361	0
RP11-16005.1	RIN1	-0.3962277	0
RP11-16005.1	IL1RN	-0.340263732	3.16E-13
RP11-16005.1	FCER1G	-0.032255891	0.500108759
RP11-16005.1	CD276	-0.479387944	0
RP11-16005.1	CTSB	-0.422018654	0
RP11-16005.1	FAM171A2	-0.161278179	0.00070458
RP11-16005.1	ASPHD1	-0.423717296	0
RP11-16005.1	C15orf48	-0.158779151	0.000853677
RP11-16005.1	DYSF	-0.275859888	4.83E-09
RP11-16005.1	PDZRN4	-0.156604788	0.001006614
RP11-16005.1	EFHD2	-0.102798588	0.031323009
RP11-16005.1	ASF1B	-0.133860637	0.004993479
RP11-16005.1	AQP1	-0.159693008	0.000796061
RP11-16005.1	ARRDC2	-0.447703231	0
RP11-16005.1	PRSS1	-0.246849844	1.62E-07
RP11-16005.1	MAPK13	-0.367967502	1.71E-15
RP11-16005.1	CST5	-0.495684147	1.34E-28
RP11-16005.1	AHR	-0.473538865	0
RP11-16005.1	BAX	-0.219370555	3.69E-06
RP11-16005.1	C1orf115	-0.430254427	0
RP11-16005.1	PLK3	-0.326762965	2.94E-12
RP11-16005.1	JAG2	-0.336534266	5.94E-13
RP11-16005.1	RAD23B	-0.55609233	0
RP11-16005.1	CA12	0.128623584	0.006998778
RP11-16005.1	ADTRP	-0.466816494	0
RP11-16005.1	UCP2	-0.489666172	0
RP11-16005.1	IGFBP2	-0.36181631	6.18E-15
RP11-16005.1	LOXL2	-0.263242056	2.44E-08
RP11-16005.1	GPX1	-0.140143738	0.003279929
RP11-16005.1	P3H3	-0.287701444	9.79E-10
RP11-16005.1	C2orf81	-0.339926585	3.35E-13
RP11-16005.1	CDT1	-0.290570951	6.58E-10
RP11-16005.1	SNX25	-0.392432705	0
RP11-16005.1	MTHFD1L	-0.529453189	0
RP11-16005.1	CDC42BPG	-0.624119497	8.98E-49
RP11-16005.1	MSN	-0.606672019	0
RP11-16005.1	SIGLEC6	-0.481679499	7.00E-27
RP11-16005.1	F2R	-0.34313409	1.93E-13
RP11-16005.1	TMEM184A	-0.432370779	0

RP11-16005.1	CKS2	-0.081997889	0.086153477
RP11-16005.1	TAX1BP3	-0.357196674	1.52E-14
RP11-16005.1	PMEPA1	-0.343463294	1.83E-13
RP11-16005.1	CXCL16	-0.354640485	2.46E-14
RP11-16005.1	FAXC	-0.513369284	0
RP11-16005.1	VTCN1	-0.448439438	4.18E-23
RP11-16005.1	SH2D4A	-0.457369999	0
RP11-16005.1	RNF24	-0.480472431	0
RP11-16005.1	LY6G6C	-0.504897461	8.94E-30
RP11-16005.1	NID1	-0.390473651	0
RP11-16005.1	STAC	-0.445012439	0
RP11-16005.1	RAB34	-0.385753311	0
RP11-16005.1	HES4	-0.213680049	6.61E-06
RP11-16005.1	EPHA10	-0.563194115	0
RP11-16005.1	ENTPD2	-0.424619522	0
RP11-16005.1	DDB2	-0.351827288	4.13E-14
RP11-16005.1	NKAIN4	-0.209215584	1.03E-05
RP11-16005.1	TRIM29	-0.567052936	0
RP11-16005.1	ADCY8	-0.34155755	1.86E-13
RP11-16005.1	SFTA2	-0.298915513	2.02E-10
RP11-16005.1	NRIP1	-0.501147888	0
RP11-16005.1	VWA1	-0.099277056	0.037625727
RP11-16005.1	APLNR	-0.207458789	1.23E-05
RP11-16005.1	REN	-0.380592695	1.40E-16
RP11-16005.1	EDIL3	-0.22626001	1.78E-06
RP11-16005.1	AGRN	-0.514151232	0
RP11-16005.1	TREM1	-0.209322387	1.02E-05
RP11-16005.1	SRL	-0.395418944	0
RP11-16005.1	RASGRF1	-0.509092753	0
RP11-16005.1	RMI2	-0.294079009	4.02E-10
RP11-16005.1	SAMD1	-0.311141874	3.33E-11
RP11-16005.1	MGAT4B	-0.524829866	0
RP11-16005.1	NXN	-0.472798475	0
RP11-16005.1	SH3BGRL3	-0.179217598	0.000163827
RP11-16005.1	CA11	-0.154129163	0.001211323
RP11-16005.1	PLD3	-0.166229856	0.000477791
RP11-16005.1	LURAP1L	-0.305585404	7.64E-11
RP11-16005.1	CARNS1	-0.466319213	0
RP11-16005.1	PDLIM7	-0.234211116	7.50E-07
RP11-16005.1	BCL2L1	-0.42067957	0
RP11-16005.1	GGT6	-0.394168792	0
RP11-16005.1	DPYSL3	-0.230347473	1.15E-06
RP11-16005.1	FYN	-0.462018853	0
RP11-16005.1	TK1	-0.073637867	0.123388307
RP11-16005.1	AK1	-0.039535682	0.408471141
RP11-16005.1	HIGD1B	-0.148302919	0.001853189
RP11-16005.1	TMEM59L	-0.356145803	1.86E-14
RP11-16005.1	MEGF9	-0.54674271	0
RP11-16005.1	ZFP36L1	-0.420844243	0
RP11-16005.1	ADRA1B	-0.326549783	3.04E-12
RP11-16005.1	EPHA4	-0.442175129	0

RP11-16005.1	TCERG1L	-0.417631206	0
RP11-16005.1	NGFR	-0.281962288	2.14E-09
RP11-16005.1	EBI3	-0.255784402	6.12E-08
RP11-16005.1	S100A10	-0.225682591	1.90E-06
RP11-16005.1	S100B	-0.166658487	0.000461759
RP11-16005.1	CD44	-0.18900436	6.96E-05
RP11-16005.1	BHLHE41	-0.574941634	0
RP11-16005.1	FBXO2	-0.21564109	5.42E-06
RP11-16005.1	SLC30A2	-0.388834014	0
RP11-16005.1	FRMD5	-0.324791287	4.03E-12
RP11-16005.1	SAMD11	-0.500298142	0
RP11-16005.1	SIPA1L2	-0.507531268	0
RP11-16005.1	S100A16	-0.430806032	0
RP11-16005.1	PPL	-0.587601733	0
RP11-16005.1	ARHGDIB	-0.068559672	0.151498375
RP11-16005.1	CDC42EP3	-0.356724357	1.66E-14
RP11-16005.1	RUNX2	-0.383491434	0
RP11-16005.1	LAMC2	-0.509550178	0
RP11-16005.1	BRINP1	-0.444683661	0
RP11-16005.1	GPRC5B	-0.578891656	0
RP11-16005.1	AQP5	-0.131523444	0.005813732
RP11-16005.1	PLAG1	-0.377260104	1.61E-16
RP11-16005.1	PTPRU	-0.570708505	0
RP11-16005.1	ANGPTL4	-0.282104125	2.10E-09
RP11-16005.1	PALM3	-0.44002814	0
RP11-16005.1	ACP5	-0.170624963	0.000335408
RP11-16005.1	DLG4	-0.316303327	1.52E-11
RP11-16005.1	ETNK2	-0.487003889	0
RP11-16005.1	CD109	-0.568924336	0
RP11-16005.1	SNX22	-0.301759773	1.34E-10
RP11-16005.1	TMEM98	-0.627567749	0
RP11-16005.1	CTHRC1	-0.234665704	7.13E-07
RP11-16005.1	S100A2	-0.284743289	1.47E-09
RP11-16005.1	C11orf80	-0.438798129	0
RP11-16005.1	SREBF1	-0.396143307	0
RP11-16005.1	PRSS22	-0.43262637	0
RP11-16005.1	CMTM3	-0.186259244	8.88E-05
RP11-16005.1	RDH5	-0.472778618	0
RP11-16005.1	MYH10	-0.409420539	0
RP11-16005.1	EVPL	-0.488413183	0
RP11-16005.1	SCD	-0.44156296	0
RP11-16005.1	CD151	-0.403261829	0
RP11-16005.1	S100A4	-0.313074263	2.49E-11
RP11-16005.1	BNIPL	-0.382470774	1.14E-17
RP11-16005.1	MAP3K6	-0.434253384	0
RP11-16005.1	MANEAL	-0.385373897	0
RP11-16005.1	CD207	-0.282075533	1.79E-09
RP11-16005.1	CD1A	-0.282080007	1.79E-09
RP11-16005.1	C3	-0.240125866	3.86E-07
RP11-16005.1	NT5E	-0.392242644	0
RP11-16005.1	CACNG4	-0.45718863	4.64E-24

RP11-16005.1	FHOD1	-0.394180139	0
RP11-16005.1	LEMD1	-0.45257789	0
RP11-16005.1	ATP11A	-0.309620529	4.19E-11
RP11-16005.1	PPAP2C	-0.226746512	1.69E-06
RP11-16005.1	DRAM1	-0.489753544	0
RP11-16005.1	CDA	-0.257103204	5.21E-08
RP11-16005.1	CCND2	-0.282803241	1.91E-09
RP11-16005.1	LCN6	-0.34234953	1.62E-13
RP11-16005.1	CDH4	-0.399312232	0
RP11-16005.1	MMP11	-0.310018949	3.95E-11
RP11-16005.1	B3GAT1	-0.597554444	0
RP11-16005.1	SPP1	-0.182633178	0.000122096
RP11-16005.1	HLA-DQB1	-0.059741658	0.211475685
RP11-16005.1	SDC3	-0.449870077	0
RP11-16005.1	CX3CL1	-0.339584474	3.55E-13
RP11-16005.1	SDK1	-0.394871169	0
RP11-16005.1	DOCK9	-0.635566086	0
RP11-16005.1	CSF2	-0.35506158	1.73E-14
RP11-16005.1	GRHL3	-0.499228832	0
RP11-16005.1	TMEM92	-0.409132675	3.81E-19
RP11-16005.1	BASP1	-0.448987141	0
RP11-16005.1	HRH1	-0.506900518	0
RP11-16005.1	ESM1	-0.200766062	2.35E-05
RP11-16005.1	B4GALNT3	-0.547255735	0
RP11-16005.1	LMO3	-0.219155672	3.77E-06
RP11-16005.1	C9orf16	-0.266234962	1.67E-08
RP11-16005.1	SEMA3F	-0.331441604	1.38E-12
RP11-16005.1	PLA2G12B	-0.284215989	1.33E-09
RP11-16005.1	KLK6	-0.513422047	6.80E-31
RP11-16005.1	ST3GAL5	-0.337627263	4.94E-13
RP11-16005.1	FAM132B	-0.281671664	2.23E-09
RP11-16005.1	CDKN1A	-0.236102089	6.08E-07
RP11-16005.1	E2F1	-0.304406029	9.09E-11
RP11-16005.1	B3GNT8	-0.23910237	4.34E-07
RP11-16005.1	MTMR11	-0.402175782	0
RP11-16005.1	MYO1G	-0.29976838	1.79E-10
RP11-16005.1	TMSB10	-0.215104662	5.72E-06
RP11-16005.1	UNC5CL	-0.361122868	7.10E-15
RP11-16005.1	ABR	-0.374446481	3.63E-16
RP11-16005.1	PLP2	-0.223927499	2.29E-06
RP11-16005.1	SRCIN1	-0.397562387	0
RP11-16005.1	PDE9A	-0.533185066	0
RP11-16005.1	TREM2	-0.107168732	0.024776791
RP11-16005.1	KDEL3	-0.245737511	2.02E-07
RP11-16005.1	PC	-0.611670785	0
RP11-16005.1	C2CD4A	-0.418420388	0
RP11-16005.1	PELI1	-0.424387335	0
RP11-16005.1	SSX1	-0.339529725	3.58E-13
RP11-16005.1	MROH6	-0.44050443	0
RP11-16005.1	ESPN	-0.452212943	0
RP11-16005.1	BMP1	-0.336232721	6.24E-13

RP11-16005.1	TM4SF4	-0.450725107	2.37E-23
RP11-16005.1	CORO2A	-0.546259471	0
RP11-16005.1	CD164L2	-0.343703507	1.28E-13
RP11-16005.1	CTSS	-0.221022107	3.11E-06
RP11-16005.1	CLU	-0.385391059	0
RP11-16005.1	TMSB4X	-0.237827963	5.01E-07
RP11-16005.1	WNT10A	-0.508830798	2.75E-30
RP11-16005.1	NAPSA	-0.259223952	4.02E-08
RP11-16005.1	PLEKHA4	-0.552502433	0
RP11-16005.1	SFTPA1	-0.02286552	0.632805094
RP11-16005.1	C1orf116	-0.52585776	0
RP11-16005.1	TM4SF1	-0.41518409	0
RP11-16005.1	SEL1L3	-0.528260056	0
RP11-16005.1	VASN	-0.384942145	0
RP11-16005.1	NPTXR	-0.487801581	0
RP11-16005.1	PDE4C	-0.472799752	0
RP11-16005.1	CDC42EP1	-0.479295467	0
RP11-16005.1	ENDOD1	-0.620212784	0
RP11-16005.1	RYR1	-0.452554203	0
RP11-16005.1	IL1RAP	-0.51832635	0
RP11-16005.1	SLC35F2	-0.618880175	9.20E-48
RP11-16005.1	ISYNA1	-0.286523487	1.15E-09
RP11-16005.1	HLA-G	-0.363437366	4.46E-15
RP11-16005.1	CDKN2B	-0.430390449	0
RP11-16005.1	ALDH1A3	-0.440634778	0
RP11-16005.1	CLIP3	-0.32100381	7.33E-12
RP11-16005.1	ULBP2	-0.387743002	0
RP11-16005.1	ETHE1	-0.444914288	0
RP11-16005.1	XPR1	-0.411910489	0
RP11-16005.1	SPTBN2	-0.581956331	0
RP11-16005.1	IVL	-0.357358445	1.14E-14
RP11-16005.1	MARCO	-0.337554643	5.00E-13
RP11-16005.1	PLXND1	-0.359959945	8.92E-15
RP11-16005.1	EMILIN2	-0.258917726	4.17E-08
RP11-16005.1	PLAUR	-0.278445579	3.43E-09
RP11-16005.1	CDC42EP5	-0.38951157	0
RP11-16005.1	TRPC5	-0.430430628	3.16E-21
RP11-16005.1	TMEM100	-0.165370606	0.000511501
RP11-16005.1	QSOX1	-0.576681976	0
RP11-16005.1	ARHGAP23	-0.546517189	0
RP11-16005.1	MDF1	-0.330966734	1.49E-12
RP11-16005.1	FSTL3	-0.539576106	0
RP11-16005.1	INF2	-0.509454296	0
RP11-16005.1	TGFBR1	-0.599040472	0
RP11-16005.1	TGFBI	-0.150883078	0.001537903
RP11-16005.1	ERBB3	-0.614538731	0
RP11-16005.1	CCL18	-0.306790169	6.39E-11
RP11-16005.1	CCL17	-0.233290105	7.72E-07
RP11-16005.1	C16orf45	-0.478132544	0
RP11-16005.1	PRDM1	-0.365391173	2.98E-15
RP11-16005.1	TRIM47	-0.350043828	5.71E-14

RP11-16005.1	CNFN	-0.319905139	8.70E-12
RP11-16005.1	ARMCX3	-0.524409603	0
RP11-16005.1	RAMP1	-0.356318986	1.80E-14
RP11-16005.1	GABRD	-0.24331011	2.68E-07
RP11-16005.1	COL13A1	-0.233527603	8.09E-07
RP11-16005.1	S100A5	-0.39281368	0
RP11-16005.1	MISP	-0.337693927	4.89E-13
RP11-16005.1	HES6	-0.300658833	1.57E-10
RP11-16005.1	PSD3	-0.537505142	0
RP11-16005.1	DOK7	-0.602864401	0
RP11-16005.1	ZMAT3	-0.526854733	0
RP11-16005.1	MFAP2	-0.253348207	8.22E-08
RP11-16005.1	TMEM79	-0.424031607	0
RP11-16005.1	SLC1A5	-0.213233263	6.91E-06
RP11-16005.1	BBC3	-0.301906433	1.31E-10
RP11-16005.1	HLA-DQB2	-0.110713668	0.020369853
RP11-16005.1	C1QL1	-0.476500424	0
RP11-16005.1	TMEM215	-0.287827139	8.05E-10
RP11-16005.1	PNP	-0.420068394	0
RP11-16005.1	ARNTL	-0.484310686	0
RP11-16005.1	CLDN2	-0.239624126	3.76E-07
RP11-16005.1	MVP	-0.344284673	1.58E-13
RP11-16005.1	LGALS1	-0.157310711	0.000954389
RP11-16005.1	BIRC7	-0.376661676	3.02E-16
RP11-16005.1	COL8A1	-0.450510897	0
RP11-16005.1	PERP	-0.58098886	0
RP11-16005.1	GJA4	-0.391226381	0
RP11-16005.1	IGFL2	-0.346712603	7.61E-14
RP11-16005.1	DAPK2	-0.594900671	0
RP11-16005.1	MAMLD1	-0.527619945	0
RP11-16005.1	ETV5	-0.36578392	2.74E-15
RP11-16005.1	RUNX1	-0.507202915	0
RP11-16005.1	LONRF2	-0.537941574	0
RP11-16005.1	SPOCK1	-0.294597424	3.74E-10
RP11-16005.1	XKRX	-0.466075395	0
RP11-16005.1	TGFB1	-0.242364624	2.99E-07
RP11-16005.1	ERP27	-0.294338145	3.88E-10
RP11-16005.1	TNFRSF10C	-0.366663735	2.27E-15
RP11-16005.1	PALM	-0.594889608	0
RP11-16005.1	TSC22D1	-0.392120096	0
RP11-16005.1	TGM2	-0.379227952	8.05E-17
RP11-16005.1	UBE2QL1	-0.366514097	2.35E-15
RP11-16005.1	ECE1	-0.545514684	0
RP11-16005.1	COL8A2	-0.471086359	0
RP11-16005.1	HIST3H2A	-0.348736515	7.22E-14
RP11-16005.1	TNFRSF21	-0.508371227	0
RP11-16005.1	SOX4	-0.538951455	0
RP11-16005.1	ELF3	-0.522892087	0
RP11-16005.1	TPD52L1	-0.531491673	0
RP11-16005.1	INHBB	-0.480741496	0
RP11-16005.1	HPN	-0.297637561	2.42E-10

RP11-16005.1	MMP7	-0.324362873	3.26E-12
RP11-16005.1	RAB27A	-0.537909377	0
RP11-16005.1	IGF2BP2	-0.4483432	0
RP11-16005.1	ITGB4	-0.436380657	0
RP11-16005.1	PPP1R1B	-0.434533086	0
RP11-16005.1	NPDC1	-0.212574855	7.39E-06
RP11-16005.1	CCL13	-0.30754939	4.52E-11
RP11-16005.1	SPINT1	-0.510840612	0
RP11-16005.1	HEY2	-0.307849125	5.46E-11
RP11-16005.1	CST2	-0.422759858	1.85E-20
RP11-16005.1	ADM	-0.249185997	1.35E-07
RP11-16005.1	VSTM2L	-0.270408945	9.82E-09
RP11-16005.1	FAM84A	-0.415941784	0
RP11-16005.1	P4HA2	-0.279919834	2.82E-09
RP11-16005.1	LPL	-0.415614424	0
RP11-16005.1	TMEM173	-0.275946834	4.77E-09
RP11-16005.1	DHRS3	-0.511917156	0
RP11-16005.1	SCN1B	-0.318539957	1.08E-11
RP11-16005.1	GLT1D1	-0.357564458	1.42E-14
RP11-16005.1	PHYHIP	-0.379316884	7.77E-17
RP11-16005.1	BHLHE40	-0.488726785	0
RP11-16005.1	BID	-0.498582905	0
RP11-16005.1	POSTN	-0.221128343	3.07E-06
RP11-16005.1	ITGA3	-0.518687326	0
RP11-16005.1	RSP04	-0.519976342	0
RP11-16005.1	ADAMTS9	-0.271270464	8.78E-09
RP11-16005.1	ABTB2	-0.591308504	0
RP11-16005.1	KCNQ3	-0.640308552	0
RP11-16005.1	ANXA1	-0.458619868	0
RP11-16005.1	S100A11	-0.310427157	3.71E-11
RP11-16005.1	CEACAM6	-0.429106522	4.30E-21
RP11-16005.1	IER5L	-0.360165893	8.57E-15
RP11-16005.1	KRT80	-0.542544757	0
RP11-16005.1	CDH6	-0.412074028	0
RP11-16005.1	UNC5B	-0.372284457	6.31E-16
RP11-16005.1	PLEKHN1	-0.515804486	0
RP11-16005.1	SYTL1	-0.262506631	2.67E-08
RP11-16005.1	TMEM163	-0.450317715	0
RP11-16005.1	C4orf48	-0.058277899	0.222896259
RP11-16005.1	B3GNT7	-0.280578667	2.58E-09
RP11-16005.1	BAIAP3	-0.529861539	0
RP11-16005.1	PHLDA2	-0.245320226	2.12E-07
RP11-16005.1	GAP43	-0.424089861	1.36E-20
RP11-16005.1	S100A1	-0.416619624	0
RP11-16005.1	PTPRE	-0.601948984	0
RP11-16005.1	CCND1	-0.518988588	0
RP11-16005.1	ST6GALNAC5	-0.524594931	2.07E-32
RP11-16005.1	KRT17	-0.273824383	6.30E-09
RP11-16005.1	HPCAL4	-0.418912563	0
RP11-16005.1	GABBR2	-0.226080019	1.82E-06
RP11-16005.1	DIRAS3	-0.358927229	1.09E-14

RP11-16005.1	SERINC2	-0.347976551	8.27E-14
RP11-16005.1	PTCHD4	-0.386862052	0
RP11-16005.1	EPS8	-0.558601713	0
RP11-16005.1	LY6E	-0.407125046	0
RP11-16005.1	UPP1	-0.471391734	0
RP11-16005.1	AHNAK2	-0.494436439	0
RP11-16005.1	PLXNC1	-0.367125841	2.06E-15
RP11-16005.1	TNC	-0.251987564	9.67E-08
RP11-16005.1	DUSP4	-0.350665074	5.10E-14
RP11-16005.1	NRCAM	-0.544549057	0
RP11-16005.1	NRP2	-0.425191835	0
RP11-16005.1	CTSC	-0.345845165	1.20E-13
RP11-16005.1	AMIG02	-0.379158736	8.27E-17
RP11-16005.1	NAB2	-0.400546782	0
RP11-16005.1	TBC1D2	-0.591570903	0
RP11-16005.1	PHLDA3	-0.301610844	1.37E-10
RP11-16005.1	PTP4A3	-0.245495111	2.08E-07
RP11-16005.1	CRABP2	-0.087486135	0.06706625
RP11-16005.1	GOS2	-0.145539364	0.002255728
RP11-16005.1	S100A6	-0.401613256	0
RP11-16005.1	FOXQ1	-0.493683567	0
RP11-16005.1	LRG1	-0.45155879	0
RP11-16005.1	LAMP5	-0.305647529	7.57E-11
RP11-16005.1	ALDH3B1	-0.511171518	0
RP11-16005.1	CDH2	-0.260484033	3.44E-08
RP11-16005.1	SCG5	-0.18205122	0.000128415
RP11-16005.1	ZCCHC16	-0.392436353	1.29E-17
RP11-16005.1	GRB7	-0.580822485	0
RP11-16005.1	TIAM1	-0.424223796	0
RP11-16005.1	FXYD5	-0.094799683	0.047164458
RP11-16005.1	CLDN9	-0.358943398	1.09E-14
RP11-16005.1	FAM43A	-0.544704794	0
RP11-16005.1	CHST2	-0.490899304	0
RP11-16005.1	HMGA2	-0.278411821	3.44E-09
RP11-16005.1	GALNT7	-0.427168619	0
RP11-16005.1	CBLN1	-0.344039578	1.65E-13
RP11-16005.1	STRA6	-0.475002908	0
RP11-16005.1	MUC21	-0.4675175	3.19E-25
RP11-16005.1	PRR36	-0.411677309	0
RP11-16005.1	NFE2L3	-0.278725849	3.30E-09
RP11-16005.1	NR1D1	-0.321112882	7.20E-12
RP11-16005.1	MUC1	-0.409937109	0
RP11-16005.1	NAT8L	-0.273166968	6.87E-09
RP11-16005.1	APOC1	-0.233473137	8.14E-07
RP11-16005.1	EVA1A	-0.5338995	0
RP11-16005.1	ENTPD1	-0.509297282	0
RP11-16005.1	COL1A1	-0.247156591	1.71E-07
RP11-16005.1	FNDC4	-0.267200305	1.48E-08
RP11-16005.1	FRMD3	-0.293602011	4.30E-10
RP11-16005.1	SHROOM4	-0.554171005	0
RP11-16005.1	NELL2	-0.385537293	0

RP11-16005.1	EPHB3	-0.494538136	0
RP11-16005.1	TMC6	-0.46293895	0
RP11-16005.1	NOD1	-0.538846212	0
RP11-16005.1	GGCT	-0.466690117	0
RP11-16005.1	ICAM1	-0.450022127	0
RP11-16005.1	PRSS23	-0.386213147	0
RP11-16005.1	CFI	-0.391679267	0
RP11-16005.1	CD55	-0.582933589	0
RP11-16005.1	RASD2	-0.6033492	0
RP11-16005.1	KLK11	-0.427272028	6.57E-21
RP11-16005.1	ICAM5	-0.544463955	0
RP11-16005.1	ADORA1	-0.284782578	1.46E-09
RP11-16005.1	ITGA2	-0.497467356	0
RP11-16005.1	ABCC3	-0.480991981	0
RP11-16005.1	MFGE8	-0.411017625	0
RP11-16005.1	STK32A	-0.283619088	1.71E-09
RP11-16005.1	CYSLTR2	-0.476756015	0
RP11-16005.1	LAD1	-0.598076972	0
RP11-16005.1	MGAT3	-0.597695005	0
RP11-16005.1	IGFBP6	-0.282817708	1.91E-09
RP11-16005.1	CYP2S1	-0.479517442	0
RP11-16005.1	KCNJ2	-0.269036245	1.17E-08
RP11-16005.1	FAM20A	-0.280547037	2.59E-09
RP11-16005.1	TGFA	-0.454405036	0
RP11-16005.1	MXRA8	-0.485623672	0
RP11-16005.1	C8orf4	-0.280151737	2.73E-09
RP11-16005.1	CLDN10	-0.369557318	1.18E-15
RP11-16005.1	PDE5A	-0.633121098	0
RP11-16005.1	APOE	-0.242527453	2.93E-07
RP11-16005.1	SPOCK2	-0.582908909	0
RP11-16005.1	TENM1	-0.261263003	3.12E-08
RP11-16005.1	SLIT1	-0.141180993	0.003055129
RP11-16005.1	CXCL14	-0.21448611	6.09E-06
RP11-16005.1	ECM1	-0.029236037	0.541089664
RP11-16005.1	DUSP5	-0.561840706	0
RP11-16005.1	SEZ6L2	-0.376605384	1.97E-16
RP11-16005.1	THRSP	-0.204598927	1.62E-05
RP11-16005.1	C19orf33	-0.401585455	0
RP11-16005.1	MPZL2	-0.493135508	0
RP11-16005.1	CTSH	-0.425012978	0
RP11-16005.1	CYP1B1	-0.497988182	0
RP11-16005.1	ALOX5	-0.333064363	1.06E-12
RP11-16005.1	SYTL5	-0.537141632	3.52E-34
RP11-16005.1	TNFRSF12A	-0.434319905	0
RP11-16005.1	DUSP6	-0.477990707	0
RP11-16005.1	ALOX15B	-0.434821583	0
RP11-16005.1	SDC4	-0.602958439	0
RP11-16005.1	MDK	-0.410635799	0
RP11-16005.1	KRT19	-0.454910401	0
RP11-16005.1	MET	-0.633468315	0
RP11-16005.1	TESC	-0.332567649	1.15E-12

RP11-16005.1	CXCL17	-0.447013564	5.94E-23
RP11-16005.1	NPC2	-0.337747825	4.84E-13
RP11-16005.1	COMP	-0.379390356	7.55E-17
RP11-16005.1	TUSC3	-0.414366967	0
RP11-16005.1	TMPRSS4	-0.582999827	0
RP11-16005.1	LGALS3	-0.470840413	0
RP11-16005.1	CRLF1	-0.404843029	0
RP11-16005.1	CTXN1	-0.490491239	0
RP11-16005.1	PCSK1N	-0.153401396	0.001278424
RP11-16005.1	NMU	-0.468007992	2.81E-25
RP11-16005.1	GALE	-0.393729948	0
RP11-16005.1	PCSK2	-0.127071602	0.007718139
RP11-16005.1	GJB3	-0.549414071	0
RP11-16005.1	SLPI	-0.337033108	5.46E-13
RP11-16005.1	AGR2	-0.377403076	1.53E-16
RP11-16005.1	MRC2	-0.38422147	0
RP11-16005.1	GOLT1A	-0.369983717	1.09E-15
RP11-16005.1	SLC27A6	-0.572660559	1.29E-39
RP11-16005.1	KCNN4	-0.33717069	5.34E-13
RP11-16005.1	ETV4	-0.568500901	6.04E-39
RP11-16005.1	SYT12	-0.578513518	0
RP11-16005.1	PVRL4	-0.548151862	0
RP11-16005.1	PLCD3	-0.608682986	0
RP11-16005.1	PLAU	-0.224628458	2.12E-06
RP11-16005.1	LRRK2	-0.235959542	6.17E-07
RP11-16005.1	SFN	-0.389335692	0
RP11-16005.1	LPAR5	-0.549976313	0
RP11-16005.1	NGEF	-0.568455848	0
RP11-16005.1	DTX4	-0.611444554	0
RP11-16005.1	CST6	-0.468945469	0
RP11-16005.1	QPCT	-0.391196027	0
RP11-16005.1	TIMP1	-0.343341314	1.86E-13
RP11-16005.1	CAMK2N1	-0.466058233	0
RP11-16005.1	KLHDC8A	-0.202841281	1.92E-05
RP11-16005.1	PDLIM4	-0.486256124	0
RP11-16005.1	SCEL	-0.491004689	0
RP11-16005.1	LCN2	-0.419250419	0
RP11-16005.1	PROS1	-0.606831444	0
RP11-16005.1	GABRB2	-0.622506858	0
RP11-16005.1	TMPRSS6	-0.565259264	0
RP11-16005.1	KLK7	-0.516632139	2.53E-31
RP11-16005.1	PDZK1IP1	-0.227035008	1.64E-06
RP11-16005.1	CDH3	-0.46309639	0
RP11-16005.1	LRP4	-0.356634857	1.69E-14
RP11-16005.1	IGSF1	-0.379561979	7.04E-17
RP11-16005.1	B3GNT3	-0.51776425	0
RP11-16005.1	CLDN1	-0.470165694	0
RP11-16005.1	GDF15	-0.507156251	0
RP11-16005.1	ARHGAP36	-0.293967499	3.36E-10
RP11-16005.1	LAMB3	-0.465301957	0
RP11-16005.1	KLK10	-0.513483889	0

RP11-16005.1	DPP4	-0.501007469	0
RP11-16005.1	METTL7B	-0.413000224	0
RP11-16005.1	LIPH	-0.51759291	0
RP11-16005.1	CLDN16	-0.436445902	0
RP11-16005.1	CHI3L1	-0.288706928	8.52E-10
RP11-16005.1	SLC22A31	-0.367448225	1.76E-15
RP11-16005.1	TACSTD2	-0.560356522	0
RP11-16005.1	SFTPB	-0.351923595	4.06E-14
RP11-16005.1	RXRG	-0.393135508	0
RP11-16005.1	DCSTAMP	-0.587674799	4.04E-42
RP11-16005.1	CITED1	-0.327825467	2.48E-12
RP11-16005.1	SERPINA1	-0.472893931	0
RP11-16005.1	PRR15	-0.375833648	2.47E-16
RP11-16005.1	SLC34A2	-0.588121849	0
RP11-16005.1	FN1	-0.53120814	0
RP11-16005.1	ZCCHC12	-0.353119282	3.26E-14
RP11-77403.3	TFF3	0.749950357	0
RP11-77403.3	CCL21	0.427514357	6.22E-21
RP11-77403.3	TPO	0.683818936	0
RP11-77403.3	MT1G	0.579637436	0
RP11-77403.3	DI01	0.63997637	0
RP11-77403.3	DPT	0.327428439	1.98E-12
RP11-77403.3	CDH16	0.645496104	0
RP11-77403.3	CRABP1	0.57634155	3.22E-40
RP11-77403.3	SLC26A7	0.716787701	0
RP11-77403.3	MT1H	0.526253418	1.22E-32
RP11-77403.3	SLC26A4	0.712199695	0
RP11-77403.3	SLC5A8	0.580035386	7.88E-41
RP11-77403.3	PKHD1L1	0.677172972	3.39E-60
RP11-77403.3	TFCP2L1	0.609638968	0
RP11-77403.3	WSCD2	0.741481643	9.57E-78
RP11-77403.3	IPCEF1	0.648044633	0
RP11-77403.3	SLC5A5	0.540016113	1.35E-34
RP11-77403.3	MT1F	0.640539889	0
RP11-77403.3	FOSB	0.466325028	0
RP11-77403.3	SEMA3D	0.70098941	3.81E-66
RP11-77403.3	BMP8A	0.69992355	0
RP11-77403.3	MATN2	0.679940542	0
RP11-77403.3	PLA2R1	0.630398108	0
RP11-77403.3	COL23A1	0.674972271	0
RP11-77403.3	HGD	0.662291322	0
RP11-77403.3	TCEAL2	0.529128524	0
RP11-77403.3	CHRD1	0.354010032	2.09E-14
RP11-77403.3	TNFRSF11B	0.546108131	0
RP11-77403.3	FAM167A	0.708214639	0
RP11-77403.3	KIT	0.721625198	0
RP11-77403.3	SLC4A4	0.682858274	0
RP11-77403.3	SMOC2	0.519288573	0
RP11-77403.3	FHL1	0.752869791	0
RP11-77403.3	OTOS	0.586842337	0
RP11-77403.3	IGFBPL1	0.622094626	2.22E-48

RP11-77403.3	HBB	0.397475441	0
RP11-77403.3	BEX1	0.648279657	0
RP11-77403.3	FABP4	0.60392557	5.57E-45
RP11-77403.3	LMOD1	0.70157808	0
RP11-77403.3	SOD3	0.536963324	0
RP11-77403.3	TMEM171	0.554830547	0
RP11-77403.3	PI16	0.434665562	0
RP11-77403.3	ZMAT4	0.692796396	4.93E-64
RP11-77403.3	MFAP4	0.355709512	2.01E-14
RP11-77403.3	CWH43	0.541687583	7.70E-35
RP11-77403.3	SPX	0.75198728	0
RP11-77403.3	APOD	0.231959452	9.62E-07
RP11-77403.3	DPP6	0.704183203	0
RP11-77403.3	MMRN1	0.478238354	0
RP11-77403.3	WDR72	0.612323661	0
RP11-77403.3	MPPED2	0.793230965	0
RP11-77403.3	PAPSS2	0.486649296	0
RP11-77403.3	DCN	0.139414837	0.003446781
RP11-77403.3	SORBS2	0.741297866	0
RP11-77403.3	EGR2	0.512395431	0
RP11-77403.3	EDN3	0.646909665	2.11E-53
RP11-77403.3	DIO2	0.632758278	0
RP11-77403.3	ITPR1	0.731645282	0
RP11-77403.3	CFD	0.308941271	4.64E-11
RP11-77403.3	CPXM1	0.53062292	0
RP11-77403.3	ELMO1	0.752726251	0
RP11-77403.3	GPC3	0.539075085	1.85E-34
RP11-77403.3	MYOC	0.45097748	2.22E-23
RP11-77403.3	DEPTOR	0.683644619	0
RP11-77403.3	DGKI	0.678565998	0
RP11-77403.3	CARTPT	0.605816459	2.52E-45
RP11-77403.3	IYD	0.452954326	0
RP11-77403.3	LYVE1	0.446032532	0
RP11-77403.3	CLCNKB	0.73438898	0
RP11-77403.3	NCAM1	0.334007722	9.04E-13
RP11-77403.3	HBA2	0.396023596	0
RP11-77403.3	GLT8D2	0.591783659	0
RP11-77403.3	OGDHL	0.44745374	0
RP11-77403.3	LIFR	0.623855587	0
RP11-77403.3	CSGALNACT1	0.548976078	0
RP11-77403.3	RAP1GAP	0.555322722	0
RP11-77403.3	COL9A3	0.664092654	0
RP11-77403.3	FBLN1	0.184334231	0.000105259
RP11-77403.3	EFEMP1	0.451357098	0
RP11-77403.3	AOX1	0.541821052	7.36E-35
RP11-77403.3	GRIN2C	0.674885892	0
RP11-77403.3	C11orf74	0.692560784	0
RP11-77403.3	PPARGC1A	0.50908481	0
RP11-77403.3	ANGPTL1	0.737673644	0
RP11-77403.3	SCARA5	0.328677574	1.62E-12
RP11-77403.3	LTF	0.568429891	0

RP11-77403.3	CA4	0.740369309	2.13E-77
RP11-77403.3	TG	0.746427548	0
RP11-77403.3	FCGBP	0.754558929	0
RP11-77403.3	PBX4	0.812594003	0
RP11-77403.3	CYR61	0.507646723	0
RP11-77403.3	FOS	0.491141136	0
RP11-77403.3	KHDRBS2	0.756368487	0
RP11-77403.3	MUM1L1	0.52491894	0
RP11-77403.3	RGS16	0.594385945	0
RP11-77403.3	MT1M	0.522711387	0
RP11-77403.3	LRP2	0.647261409	0
RP11-77403.3	MAFB	0.530002099	0
RP11-77403.3	KCNK2	0.613301486	0
RP11-77403.3	TBC1D4	0.68633768	0
RP11-77403.3	MIOX	0.745069342	7.04E-79
RP11-77403.3	TPPP	0.612209908	0
RP11-77403.3	FMOD	0.518081256	0
RP11-77403.3	CITED2	0.449611508	0
RP11-77403.3	RGS8	0.705293264	2.77E-67
RP11-77403.3	ABI3BP	0.335808486	6.70E-13
RP11-77403.3	ADH1B	0.42044226	3.12E-20
RP11-77403.3	OGN	0.259837865	3.32E-08
RP11-77403.3	NR4A1	0.415605205	0
RP11-77403.3	FOXJ1	0.759610692	1.13E-83
RP11-77403.3	ALDH1A1	0.684058783	0
RP11-77403.3	OCA2	0.639936647	6.06E-52
RP11-77403.3	TMEM139	0.436319383	0
RP11-77403.3	ARHGAP24	0.603021556	0
RP11-77403.3	SLC25A15	0.544158863	0
RP11-77403.3	DES	0.317006709	1.05E-11
RP11-77403.3	GDF10	0.546494577	1.50E-35
RP11-77403.3	KIAA1324	0.59954754	0
RP11-77403.3	JUN	0.513555091	0
RP11-77403.3	C7	0.129391774	0.006665437
RP11-77403.3	LGI3	0.606556421	0
RP11-77403.3	CDON	0.7463389	0
RP11-77403.3	BCL2	0.649712638	0
RP11-77403.3	HLF	0.696169121	0
RP11-77403.3	EGR1	0.532006683	0
RP11-77403.3	IP6K3	0.556604646	0
RP11-77403.3	SCUBE3	0.650565221	0
RP11-77403.3	PKNOX2	0.795320935	0
RP11-77403.3	SMAD9	0.548305472	0
RP11-77403.3	IQGAP2	0.595574256	0
RP11-77403.3	GNA14	0.727994962	0
RP11-77403.3	LAYN	0.690826116	0
RP11-77403.3	AVPR1A	0.665453155	0
RP11-77403.3	PDLIM3	0.468226497	0
RP11-77403.3	GPM6A	0.551760057	0
RP11-77403.3	SDPR	0.609712156	0
RP11-77403.3	CRYAB	0.176320858	0.000209359

RP11-77403.3	FOXA2	0.607585522	1.20E-45
RP11-77403.3	C8orf88	0.616161632	0
RP11-77403.3	ISM1	0.574868162	0
RP11-77403.3	BMP2	0.37665375	1.94E-16
RP11-77403.3	ID4	0.704041933	0
RP11-77403.3	NUPR1	0.193934761	4.45E-05
RP11-77403.3	SERTM1	0.451658727	1.87E-23
RP11-77403.3	IRS1	0.733687879	0
RP11-77403.3	FIBIN	0.166848833	0.000454801
RP11-77403.3	PODN	0.231584292	1.00E-06
RP11-77403.3	TDRD9	0.427410026	0
RP11-77403.3	EPHA3	0.43752741	0
RP11-77403.3	AIF1L	0.567971757	0
RP11-77403.3	EBF4	0.751551131	0
RP11-77403.3	ADM2	0.520548796	0
RP11-77403.3	GSTM3	0.635822953	0
RP11-77403.3	HSD17B6	0.556366076	0
RP11-77403.3	AGR3	0.456042055	6.21E-24
RP11-77403.3	EPHB1	0.45030112	0
RP11-77403.3	TMOD1	0.370730206	9.16E-16
RP11-77403.3	WASF3	0.666582463	0
RP11-77403.3	SELV	0.681236694	3.59E-61
RP11-77403.3	ENPP1	0.234385859	7.36E-07
RP11-77403.3	SYNE1	0.738962048	5.82E-77
RP11-77403.3	PLCH1	0.627455413	0
RP11-77403.3	CCDC146	0.809701518	0
RP11-77403.3	SLC16A2	0.750792019	0
RP11-77403.3	IER2	0.62266841	0
RP11-77403.3	KCNAB1	0.800863788	0
RP11-77403.3	SYNDIG1	0.561482709	0
RP11-77403.3	C16orf89	0.689202932	0
RP11-77403.3	CTGF	0.398112431	0
RP11-77403.3	NR4A3	0.203122403	1.87E-05
RP11-77403.3	KIAA1456	0.646024305	0
RP11-77403.3	AQP4	0.507712961	0
RP11-77403.3	RNF150	0.752690934	0
RP11-77403.3	C1S	0.043312379	0.365146634
RP11-77403.3	PFKFB2	0.423174911	0
RP11-77403.3	PROX1	0.692208035	0
RP11-77403.3	TCF7L1	0.833482357	0
RP11-77403.3	HSPB6	0.466927552	0
RP11-77403.3	FHDC1	0.518616265	0
RP11-77403.3	PRR15L	0.435053629	0
RP11-77403.3	SLC1A1	0.358945952	1.09E-14
RP11-77403.3	BTBD11	0.819626713	0
RP11-77403.3	TRIM58	0.509976115	0
RP11-77403.3	LRIG1	0.56219388	0
RP11-77403.3	ROR2	0.501400358	0
RP11-77403.3	GPR125	0.731537344	0
RP11-77403.3	FLRT1	0.823236894	0
RP11-77403.3	PGF	0.697018867	0

RP11-77403.3	DUSP1	0.434240335	0
RP11-77403.3	PLA2G7	0.548972106	0
RP11-77403.3	PLSCR4	0.496191389	0
RP11-77403.3	FAM46B	0.303048647	1.11E-10
RP11-77403.3	GLDC	0.531088004	0
RP11-77403.3	ZBTB16	0.479749487	0
RP11-77403.3	OMD	0.152329361	0.001368298
RP11-77403.3	HSD11B2	0.750543094	0
RP11-77403.3	FGL2	0.17520304	0.000229909
RP11-77403.3	CLCNKA	0.747974947	8.24E-80
RP11-77403.3	GATM	0.486680217	0
RP11-77403.3	TNS3	0.526525671	0
RP11-77403.3	TOB1	0.453880238	0
RP11-77403.3	MARC2	0.677227907	0
RP11-77403.3	LRRC2	0.510776502	0
RP11-77403.3	SORD	0.513241773	0
RP11-77403.3	RIMS4	0.632706791	0
RP11-77403.3	SLC29A4	0.754176252	0
RP11-77403.3	SLC39A14	0.536852974	0
RP11-77403.3	FAXDC2	0.742161655	0
RP11-77403.3	HSPB8	0.213170003	6.96E-06
RP11-77403.3	CCL19	-0.040590139	0.396224831
RP11-77403.3	KCNIP3	0.714215343	0
RP11-77403.3	CGNL1	0.608565828	0
RP11-77403.3	ATF3	0.165259406	0.000516022
RP11-77403.3	SGCD	0.373399723	4.77E-16
RP11-77403.3	STARD13	0.709336429	0
RP11-77403.3	LDHD	0.622372113	0
RP11-77403.3	RCAN1	0.436415265	0
RP11-77403.3	ID3	0.474532434	0
RP11-77403.3	SYTL3	0.63432955	0
RP11-77403.3	MT1E	0.419230846	0
RP11-77403.3	CAMK1D	0.645969414	0
RP11-77403.3	PRKCQ	0.715333729	0
RP11-77403.3	NUAK2	0.479395745	0
RP11-77403.3	LIPG	0.736379238	0
RP11-77403.3	SLC25A25	0.319490975	9.28E-12
RP11-77403.3	PRKX	0.423597727	0
RP11-77403.3	SRPX	0.275436929	5.10E-09
RP11-77403.3	FAM189A1	0.727248757	0
RP11-77403.3	PLEKHH1	0.725526003	0
RP11-77403.3	WNT11	0.613725863	0
RP11-77403.3	SNAI1	0.514703263	0
RP11-77403.3	FDCSP	0.025556346	0.593323908
RP11-77403.3	MT1X	0.412443088	0
RP11-77403.3	ACACB	0.744974569	0
RP11-77403.3	ARC	0.313106602	2.48E-11
RP11-77403.3	KLK4	0.155128906	0.001110962
RP11-77403.3	ZFPM2	0.540445283	0
RP11-77403.3	AKAP12	0.500951018	0
RP11-77403.3	GJB6	0.51112138	1.37E-30

RP11-77403.3	ERO1LB	0.709458835	0
RP11-77403.3	DNALI1	0.721841216	0
RP11-77403.3	HKDC1	0.354435389	2.56E-14
RP11-77403.3	ZFP36L2	0.594270915	0
RP11-77403.3	CAPSL	0.702918462	1.18E-66
RP11-77403.3	CYP7B1	0.528712942	0
RP11-77403.3	CPQ	0.707435528	0
RP11-77403.3	RPS6KA6	0.779694198	6.93E-91
RP11-77403.3	TLE1	0.524016572	0
RP11-77403.3	TP53INP2	0.725324027	0
RP11-77403.3	KATNAL2	0.761808225	0
RP11-77403.3	SGPP2	0.210535378	9.06E-06
RP11-77403.3	CTH	0.54137999	0
RP11-77403.3	KIF12	0.60176956	0
RP11-77403.3	TMEM220	0.657181356	0
RP11-77403.3	CENPJ	0.623207108	0
RP11-77403.3	FAM155B	0.59383817	0
RP11-77403.3	WFS1	0.639688157	0
RP11-77403.3	SELENBP1	0.671363083	0
RP11-77403.3	SNTA1	0.447211198	0
RP11-77403.3	FRAS1	0.288336449	8.97E-10
RP11-77403.3	FBLN7	0.52939532	0
RP11-77403.3	AGPAT9	0.605445978	0
RP11-77403.3	GPR83	0.66412017	0
RP11-77403.3	PRTG	0.63015273	0
RP11-77403.3	EGR3	0.324687178	4.10E-12
RP11-77403.3	GRAMD2	0.489884459	0
RP11-77403.3	HYOU1	0.616745008	0
RP11-77403.3	FBLN5	0.447872869	0
RP11-77403.3	ITM2A	0.690559888	0
RP11-77403.3	SRF	0.594471047	0
RP11-77403.3	FGFR2	0.641912872	0
RP11-77403.3	MT1A	0.1932826	4.57E-05
RP11-77403.3	MAMDC2	0.348978205	6.91E-14
RP11-77403.3	FHL2	0.324807172	4.02E-12
RP11-77403.3	FTCDNL1	0.454901182	0
RP11-77403.3	PKIA	0.654110298	0
RP11-77403.3	DNAJB4	0.561676742	0
RP11-77403.3	SLC25A33	0.586749433	0
RP11-77403.3	EYA2	0.35508784	2.26E-14
RP11-77403.3	LPAR1	0.211151944	8.52E-06
RP11-77403.3	STX11	0.133395269	0.005147955
RP11-77403.3	ARHGEF28	0.424238689	0
RP11-77403.3	OR2W3	0.573839843	0
RP11-77403.3	ALDH1B1	0.397539565	4.50E-18
RP11-77403.3	CXCL12	0.300091343	1.70E-10
RP11-77403.3	OLFM2	0.687853068	0
RP11-77403.3	TUB	0.600172899	0
RP11-77403.3	HTRA3	0.388604379	0
RP11-77403.3	CKB	0.459200124	0
RP11-77403.3	RGS2	0.021655835	0.650785048

RP11-77403.3	SHANK2	0.773358306	0
RP11-77403.3	CNTFR	0.599099797	4.10E-44
RP11-77403.3	CYTH3	0.696790084	0
RP11-77403.3	PLAC9	0.503084958	0
RP11-77403.3	WVOX	0.759873283	0
RP11-77403.3	NPR3	0.558925527	0
RP11-77403.3	SDC2	0.629004842	0
RP11-77403.3	KLF15	0.619027877	0
RP11-77403.3	TMEM164	0.644477429	0
RP11-77403.3	LONRF3	0.357958056	1.31E-14
RP11-77403.3	GBP1	0.167589081	0.000428659
RP11-77403.3	ARHGAP6	0.483622066	0
RP11-77403.3	TMEM119	0.144748197	0.002384866
RP11-77403.3	SH3RF1	0.514240022	0
RP11-77403.3	CRELD2	0.639792407	0
RP11-77403.3	PCP4	0.157159797	0.000965339
RP11-77403.3	GCSH	0.732050086	0
RP11-77403.3	IMPA2	0.62140067	0
RP11-77403.3	C1R	0.032482689	0.497098702
RP11-77403.3	SUCNR1	0.441330347	0
RP11-77403.3	SFRP1	0.493923981	0
RP11-77403.3	UGT8	0.421787176	0
RP11-77403.3	TLE4	0.412968169	0
RP11-77403.3	ANTXR1	0.47259196	0
RP11-77403.3	GPX3	0.436398103	0
RP11-77403.3	DPY19L2	0.702723131	0
RP11-77403.3	FAM46C	0.448367738	0
RP11-77403.3	IL33	0.320109609	6.44E-12
RP11-77403.3	PEG3	0.689488308	0
RP11-77403.3	FAHD2A	0.671386486	0
RP11-77403.3	PTGDS	0.122491681	0.010241391
RP11-77403.3	CHCHD10	0.334055804	8.97E-13
RP11-77403.3	CD36	0.60278483	0
RP11-77403.3	ANKRD37	0.663449848	0
RP11-77403.3	TSPAN33	0.527515836	0
RP11-77403.3	PRDM16	0.78103056	0
RP11-77403.3	UST	0.639669434	0
RP11-77403.3	NEXN	0.593818738	0
RP11-77403.3	NUPR1L	0.308888404	3.69E-11
RP11-77403.3	SLC24A3	0.475061061	0
RP11-77403.3	MARC1	0.763758344	0
RP11-77403.3	MYH11	0.466118372	0
RP11-77403.3	APOA1	0.630333666	5.36E-50
RP11-77403.3	TMEM178B	0.513743167	0
RP11-77403.3	CAPN6	0.363453651	3.72E-15
RP11-77403.3	PPM1L	0.641469773	0
RP11-77403.3	FZD8	0.708384418	0
RP11-77403.3	RCAN2	0.667957432	0
RP11-77403.3	COPZ2	0.523267247	0
RP11-77403.3	GAS1	0.263138232	2.47E-08
RP11-77403.3	DACT1	0.530430022	0

RP11-77403.3	WBSR17	0.761257897	0
RP11-77403.3	NCS1	0.546873484	0
RP11-77403.3	SPIRE2	0.58738302	0
RP11-77403.3	C15orf52	0.345933813	1.19E-13
RP11-77403.3	SPAG5	0.542211014	0
RP11-77403.3	ARL4D	0.424679093	0
RP11-77403.3	FAM189A2	0.776777432	0
RP11-77403.3	MAP1LC3A	0.686575257	0
RP11-77403.3	KLF6	0.094476578	0.047925052
RP11-77403.3	ADD3	0.493758315	0
RP11-77403.3	TSPAN7	0.668607471	0
RP11-77403.3	KLF9	0.489301793	0
RP11-77403.3	KCNQ1	0.633369455	0
RP11-77403.3	MAN1A1	0.20838683	1.12E-05
RP11-77403.3	MLF1	0.437377488	0
RP11-77403.3	RARB	0.732591762	0
RP11-77403.3	CDC42EP2	0.529632755	0
RP11-77403.3	FAM3B	0.194407646	4.26E-05
RP11-77403.3	GADD45B	0.252114792	9.53E-08
RP11-77403.3	TMEM47	0.611660005	0
RP11-77403.3	SDF2L1	0.558338605	0
RP11-77403.3	CCDC85A	0.393331527	0
RP11-77403.3	CRYBG3	0.186809572	8.46E-05
RP11-77403.3	FBLN2	0.09675349	0.042777871
RP11-77403.3	PEBP4	0.179842532	0.000155308
RP11-77403.3	CDADC1	0.740857179	0
RP11-77403.3	FAM63A	0.619372683	0
RP11-77403.3	GLUL	0.414016913	0
RP11-77403.3	FREM2	0.368217136	1.62E-15
RP11-77403.3	ACKR3	0.663833375	0
RP11-77403.3	DENND6A	0.734593934	0
RP11-77403.3	CLDN8	0.121697819	0.010746513
RP11-77403.3	UTS2R	0.361523545	5.32E-15
RP11-77403.3	SCNN1B	0.548269303	0
RP11-77403.3	TTC30A	0.613297515	0
RP11-77403.3	CORO2B	0.744316728	0
RP11-77403.3	TC2N	0.273675738	6.43E-09
RP11-77403.3	ALDH2	0.555389811	0
RP11-77403.3	GPR183	-0.01858265	0.697702467
RP11-77403.3	C4orf47	0.731766411	0
RP11-77403.3	SLC25A42	0.791933864	0
RP11-77403.3	LGMN	0.495984165	0
RP11-77403.3	ACSF2	0.585081996	0
RP11-77403.3	KIAA1467	0.589631848	0
RP11-77403.3	PRKG1	0.718224369	0
RP11-77403.3	GNAI1	0.642619505	0
RP11-77403.3	ABCC4	0.363076816	4.80E-15
RP11-77403.3	PRPS1	0.58868934	0
RP11-77403.3	TSPAN5	0.36766468	1.83E-15
RP11-77403.3	CR2	0.185680291	9.10E-05
RP11-77403.3	CCDC170	0.522668836	0

RP11-77403.3	RRAD	-0.041889469	0.381122162
RP11-77403.3	SCGB2A1	0.433477534	0
RP11-77403.3	SESN3	0.383821348	0
RP11-77403.3	SGK223	0.40428334	0
RP11-77403.3	NDRG2	0.705016921	0
RP11-77403.3	C3orf52	0.235440986	6.54E-07
RP11-77403.3	FLRT3	-0.282640695	1.95E-09
RP11-77403.3	MST1R	-0.555225422	0
RP11-77403.3	SDC1	-0.576714031	0
RP11-77403.3	ST8SIA4	-0.57094055	0
RP11-77403.3	UBTD1	-0.302995742	1.12E-10
RP11-77403.3	EPHA2	-0.322077233	6.19E-12
RP11-77403.3	TMEM130	-0.065371174	0.17148595
RP11-77403.3	SPINK2	-0.598524894	0
RP11-77403.3	MMP16	-0.542411997	0
RP11-77403.3	SIGLEC15	-0.454055549	0
RP11-77403.3	RIN1	-0.450868894	0
RP11-77403.3	IL1RN	-0.709143105	0
RP11-77403.3	FCER1G	-0.392065064	0
RP11-77403.3	CD276	-0.548964731	0
RP11-77403.3	CTSB	-0.539721347	0
RP11-77403.3	FAM171A2	0.020809635	0.663576429
RP11-77403.3	ASPHD1	-0.596519884	0
RP11-77403.3	C15orf48	-0.558142302	0
RP11-77403.3	DYSF	-0.003221972	0.946309634
RP11-77403.3	PDZRN4	0.019039649	0.690646761
RP11-77403.3	EFHD2	-0.133263786	0.005192374
RP11-77403.3	ASF1B	-0.502293081	0
RP11-77403.3	AQP1	-0.042128607	0.378407765
RP11-77403.3	ARRDC2	-0.3281585	2.35E-12
RP11-77403.3	PRSS1	-0.340252253	2.33E-13
RP11-77403.3	MAPK13	-0.627795964	0
RP11-77403.3	CST5	-0.585652078	8.95E-42
RP11-77403.3	AHR	-0.49377718	0
RP11-77403.3	BAX	-0.513597784	0
RP11-77403.3	C1orf115	-0.151929127	0.001424748
RP11-77403.3	PLK3	-0.428849531	0
RP11-77403.3	JAG2	-0.109283382	0.022058341
RP11-77403.3	RAD23B	-0.494516718	0
RP11-77403.3	CA12	0.187656198	7.85E-05
RP11-77403.3	ADTRP	-0.244694866	2.28E-07
RP11-77403.3	UCP2	-0.254167175	7.45E-08
RP11-77403.3	IGFBP2	-0.208092376	1.15E-05
RP11-77403.3	LOXL2	-0.206307923	1.38E-05
RP11-77403.3	GPX1	-0.487745697	0
RP11-77403.3	P3H3	-0.402624271	0
RP11-77403.3	C2orf81	-0.190516628	6.07E-05
RP11-77403.3	CDT1	-0.548464613	0
RP11-77403.3	SNX25	-0.192116976	5.25E-05
RP11-77403.3	MTHFD1L	-0.589766167	0
RP11-77403.3	CDC42BPG	-0.617696828	1.55E-47

RP11-77403.3	MSN	-0.590406562	0
RP11-77403.3	SIGLEC6	-0.40849895	4.38E-19
RP11-77403.3	F2R	-0.107889407	0.023819493
RP11-77403.3	TMEM184A	-0.583352718	0
RP11-77403.3	CKS2	-0.396928801	0
RP11-77403.3	TAX1BP3	-0.559358272	0
RP11-77403.3	PMEP1	-0.416146597	0
RP11-77403.3	CXCL16	-0.67430748	0
RP11-77403.3	FAXC	-0.60428263	0
RP11-77403.3	VTCN1	-0.645593891	4.01E-53
RP11-77403.3	SH2D4A	-0.506926758	0
RP11-77403.3	RNF24	-0.358271374	1.24E-14
RP11-77403.3	LY6G6C	-0.54252807	5.80E-35
RP11-77403.3	NID1	-0.296520451	2.84E-10
RP11-77403.3	STAC	-0.678587841	0
RP11-77403.3	RAB34	-0.390657188	0
RP11-77403.3	HES4	-0.26000122	3.65E-08
RP11-77403.3	EPA10	-0.578317641	0
RP11-77403.3	ENTPD2	-0.323609216	4.86E-12
RP11-77403.3	DDB2	-0.587026016	0
RP11-77403.3	NKAIN4	-0.243417339	2.65E-07
RP11-77403.3	TRIM29	-0.431519473	0
RP11-77403.3	ADCY8	-0.60326757	7.32E-45
RP11-77403.3	SFTA2	-0.569890814	0
RP11-77403.3	NRIP1	-0.406062119	0
RP11-77403.3	VWA1	0.065239832	0.172349606
RP11-77403.3	APLNR	-0.064621706	0.176457813
RP11-77403.3	REN	-0.453551782	1.17E-23
RP11-77403.3	EDIL3	-0.179698142	0.000157238
RP11-77403.3	AGRN	-0.311279172	3.27E-11
RP11-77403.3	TREM1	-0.558688092	0
RP11-77403.3	SRL	-0.302205	1.25E-10
RP11-77403.3	RASGRF1	-0.397507496	0
RP11-77403.3	RMI2	-0.451040234	0
RP11-77403.3	SAMD1	-0.386308036	0
RP11-77403.3	MGAT4B	-0.638735579	0
RP11-77403.3	NXN	-0.538157025	0
RP11-77403.3	SH3BGRL3	-0.540382308	0
RP11-77403.3	CA11	-0.18949384	6.66E-05
RP11-77403.3	PLD3	-0.166422045	0.000470539
RP11-77403.3	LURAP1L	-0.676166539	0
RP11-77403.3	CARNS1	-0.113413538	0.017487079
RP11-77403.3	PDLIM7	-0.316900745	1.39E-11
RP11-77403.3	BCL2L1	-0.687888811	0
RP11-77403.3	GGT6	-0.321490027	6.79E-12
RP11-77403.3	DPYSL3	-0.31659154	1.45E-11
RP11-77403.3	FYN	-0.465499253	0
RP11-77403.3	TK1	-0.501376246	0
RP11-77403.3	AK1	-0.283083936	1.84E-09
RP11-77403.3	HIGD1B	0.101786439	0.033034598
RP11-77403.3	TMEM59L	-0.263234397	2.44E-08

RP11-77403.3	MEGF9	-0.442823467	0
RP11-77403.3	ZFP36L1	-0.460395243	0
RP11-77403.3	ADRA1B	-0.258648094	4.31E-08
RP11-77403.3	EPHA4	-0.494842944	0
RP11-77403.3	TCERG1L	0.031029851	0.516546329
RP11-77403.3	NGFR	-0.13803774	0.003783193
RP11-77403.3	EBI3	-0.565616836	0
RP11-77403.3	S100A10	-0.593924548	0
RP11-77403.3	S100B	-0.482649064	0
RP11-77403.3	CD44	-0.141118159	0.003068337
RP11-77403.3	BHLHE41	-0.32685062	2.90E-12
RP11-77403.3	FBXO2	-0.342266472	2.24E-13
RP11-77403.3	SLC30A2	-0.562374013	0
RP11-77403.3	FRMD5	-0.768901642	0
RP11-77403.3	SAMD11	-0.180764332	0.000143498
RP11-77403.3	SIPA1L2	-0.298594536	2.11E-10
RP11-77403.3	S100A16	-0.630792983	0
RP11-77403.3	PPL	-0.645148319	0
RP11-77403.3	ARHGDIB	-0.159586346	0.000802596
RP11-77403.3	CDC42EP3	-0.661972898	0
RP11-77403.3	RUNX2	-0.349964399	5.79E-14
RP11-77403.3	LAMC2	-0.666730541	0
RP11-77403.3	BRINP1	-0.437705557	0
RP11-77403.3	GPRC5B	-0.411821274	0
RP11-77403.3	AQP5	-0.009269624	0.846373207
RP11-77403.3	PLAG1	-0.187873351	7.70E-05
RP11-77403.3	PTPRU	-0.526030234	0
RP11-77403.3	ANGPTL4	-0.479447232	0
RP11-77403.3	PALM3	-0.212474576	7.46E-06
RP11-77403.3	ACP5	-0.457488433	0
RP11-77403.3	DLG4	-0.161325128	0.000702026
RP11-77403.3	ETNK2	-0.360341487	8.28E-15
RP11-77403.3	CD109	-0.415795692	0
RP11-77403.3	SNX22	-0.194397717	4.26E-05
RP11-77403.3	TMEM98	-0.41412173	0
RP11-77403.3	CTHRC1	-0.394926344	0
RP11-77403.3	S100A2	-0.58566055	0
RP11-77403.3	C11orf80	-0.621926035	0
RP11-77403.3	SREBF1	-0.482293194	0
RP11-77403.3	PRSS22	-0.572508418	0
RP11-77403.3	CMTM3	-0.507364042	0
RP11-77403.3	RDH5	-0.35906013	1.06E-14
RP11-77403.3	MYH10	-0.480285064	0
RP11-77403.3	EVPL	-0.438303826	0
RP11-77403.3	SCD	-0.552527821	0
RP11-77403.3	CD151	-0.415683499	0
RP11-77403.3	S100A4	-0.537451527	0
RP11-77403.3	BNIP1	-0.277277692	4.00E-09
RP11-77403.3	MAP3K6	-0.56674515	0
RP11-77403.3	MANEAL	-0.548832255	0
RP11-77403.3	CD207	-0.442751444	1.68E-22

RP11-77403.3	CD1A	-0.495263873	1.51E-28
RP11-77403.3	C3	-0.391841954	0
RP11-77403.3	NT5E	-0.463984432	0
RP11-77403.3	CACNG4	-0.53153531	2.22E-33
RP11-77403.3	FHOD1	-0.358774187	1.12E-14
RP11-77403.3	LEMD1	-0.586436682	0
RP11-77403.3	ATP11A	-0.201044063	2.28E-05
RP11-77403.3	PPAP2C	-0.326080586	3.28E-12
RP11-77403.3	DRAM1	-0.525302184	0
RP11-77403.3	CDA	-0.105637175	0.02692211
RP11-77403.3	CCND2	-0.140490104	0.003203244
RP11-77403.3	LCN6	-0.037910159	0.428170481
RP11-77403.3	CDH4	-0.420432064	0
RP11-77403.3	MMP11	-0.546684415	0
RP11-77403.3	B3GAT1	-0.256067367	5.91E-08
RP11-77403.3	SPP1	-0.403345229	0
RP11-77403.3	HLA-DQB1	-0.523958419	0
RP11-77403.3	SDC3	-0.376902816	1.80E-16
RP11-77403.3	CX3CL1	-0.418900649	0
RP11-77403.3	SDK1	-0.223203136	2.47E-06
RP11-77403.3	DOCK9	-0.46167121	0
RP11-77403.3	CSF2	-0.596424698	1.22E-43
RP11-77403.3	GRHL3	-0.651074842	0
RP11-77403.3	TMEM92	-0.64507706	5.15E-53
RP11-77403.3	BASP1	-0.547783227	0
RP11-77403.3	HRH1	-0.528508838	0
RP11-77403.3	ESM1	0.060332693	0.206985946
RP11-77403.3	B4GALNT3	-0.488848056	0
RP11-77403.3	LMO3	-0.237551806	5.16E-07
RP11-77403.3	C9orf16	-0.55731369	0
RP11-77403.3	SEMA3F	-0.092257537	0.053431162
RP11-77403.3	PLA2G12B	-0.261871476	2.57E-08
RP11-77403.3	KLK6	-0.357275301	1.16E-14
RP11-77403.3	ST3GAL5	-0.323844098	4.68E-12
RP11-77403.3	FAM132B	-0.103689326	0.029880075
RP11-77403.3	CDKN1A	-0.437828388	0
RP11-77403.3	E2F1	-0.587507127	0
RP11-77403.3	B3GNT8	-0.348366604	7.71E-14
RP11-77403.3	MTMR11	-0.530898368	0
RP11-77403.3	MYO1G	-0.511606958	0
RP11-77403.3	TMSB10	-0.493686971	0
RP11-77403.3	UNC5CL	-0.658569232	0
RP11-77403.3	ABR	-0.587271678	0
RP11-77403.3	PLP2	-0.597679686	0
RP11-77403.3	SRCIN1	-0.500063969	0
RP11-77403.3	PDE9A	-0.624792989	0
RP11-77403.3	TREM2	-0.381156795	3.24E-17
RP11-77403.3	KDEL3	-0.435202274	0
RP11-77403.3	PC	-0.454483614	0
RP11-77403.3	C2CD4A	-0.686341084	0
RP11-77403.3	PELI1	-0.533216554	0

RP11-77403.3	SSX1	-0.250120278	1.21E-07
RP11-77403.3	MROH6	-0.529292346	0
RP11-77403.3	ESPN	-0.38640406	0
RP11-77403.3	BMP1	-0.289145063	8.02E-10
RP11-77403.3	TM4SF4	-0.489165267	8.63E-28
RP11-77403.3	CORO2A	-0.517149102	0
RP11-77403.3	CD164L2	-0.523473	2.96E-32
RP11-77403.3	CTSS	-0.536979351	0
RP11-77403.3	CLU	-0.325508415	3.60E-12
RP11-77403.3	TMSB4X	-0.507432833	0
RP11-77403.3	WNT10A	-0.401351793	2.02E-18
RP11-77403.3	NAPSA	-0.412851721	0
RP11-77403.3	PLEKHA4	-0.337836757	4.77E-13
RP11-77403.3	SFTPA1	-0.078395927	0.100917995
RP11-77403.3	C1orf116	-0.539178962	0
RP11-77403.3	TM4SF1	-0.520801976	0
RP11-77403.3	SEL1L3	-0.45282029	0
RP11-77403.3	VASN	-0.521741363	0
RP11-77403.3	NPTXR	-0.616127449	0
RP11-77403.3	PDE4C	-0.572687984	0
RP11-77403.3	CDC42EP1	-0.488021003	0
RP11-77403.3	ENDOD1	-0.630726036	0
RP11-77403.3	RYR1	-0.450056451	0
RP11-77403.3	IL1RAP	-0.502575195	0
RP11-77403.3	SLC35F2	-0.532403066	1.67E-33
RP11-77403.3	ISYNA1	-0.219644868	3.59E-06
RP11-77403.3	HLA-G	-0.584164593	0
RP11-77403.3	CDKN2B	-0.617009818	0
RP11-77403.3	ALDH1A3	-0.564724538	0
RP11-77403.3	CLIP3	-0.309387065	4.34E-11
RP11-77403.3	ULBP2	-0.500090634	0
RP11-77403.3	ETHE1	-0.705382861	0
RP11-77403.3	XPR1	-0.490700023	0
RP11-77403.3	SPTBN2	-0.70549009	0
RP11-77403.3	IVL	-0.64636026	2.76E-53
RP11-77403.3	MARCO	-0.542609434	0
RP11-77403.3	PLXND1	-0.113607571	0.017294371
RP11-77403.3	EMILIN2	-0.510670407	0
RP11-77403.3	PLAUR	-0.611646531	0
RP11-77403.3	CDC42EP5	-0.470940976	0
RP11-77403.3	TRPC5	-0.197937327	2.96E-05
RP11-77403.3	TMEM100	-0.356167078	1.85E-14
RP11-77403.3	QSOX1	-0.56037879	0
RP11-77403.3	ARHGAP23	-0.372729542	5.65E-16
RP11-77403.3	MDF1	-0.242731982	2.86E-07
RP11-77403.3	FSTL3	-0.498938207	0
RP11-77403.3	INF2	-0.427359248	0
RP11-77403.3	TGFBR1	-0.49248632	0
RP11-77403.3	TGFBI	-0.300476431	1.61E-10
RP11-77403.3	ERBB3	-0.644876701	0
RP11-77403.3	CCL18	-0.41072076	0

RP11-77403.3	CCL17	-0.546586638	1.46E-35
RP11-77403.3	C16orf45	-0.243608961	2.59E-07
RP11-77403.3	PRDM1	-0.202279606	2.03E-05
RP11-77403.3	TRIM47	-0.630370025	0
RP11-77403.3	CNFN	-0.514442566	0
RP11-77403.3	ARMCX3	-0.297524942	2.46E-10
RP11-77403.3	RAMP1	-0.210784728	8.84E-06
RP11-77403.3	GABRD	0.0998132	0.036601748
RP11-77403.3	COL13A1	-0.148091723	0.001881455
RP11-77403.3	S100A5	-0.501496665	0
RP11-77403.3	MISP	-0.507011151	0
RP11-77403.3	HES6	-0.212421245	7.50E-06
RP11-77403.3	PSD3	-0.547641107	0
RP11-77403.3	DOK7	-0.449176777	0
RP11-77403.3	ZMAT3	-0.594256873	0
RP11-77403.3	MFAP2	-0.226368516	1.76E-06
RP11-77403.3	TMEM79	-0.523950192	0
RP11-77403.3	SLC1A5	-0.455310382	0
RP11-77403.3	BBC3	-0.486745746	0
RP11-77403.3	HLA-DQB2	-0.490947671	0
RP11-77403.3	C1QL1	-0.247377431	1.67E-07
RP11-77403.3	TMEM215	-0.063327125	0.185371151
RP11-77403.3	PNP	-0.451337524	0
RP11-77403.3	ARNTL	-0.369094682	1.33E-15
RP11-77403.3	CLDN2	-0.263266462	2.15E-08
RP11-77403.3	MVP	-0.660653387	0
RP11-77403.3	LGALS1	-0.485916708	0
RP11-77403.3	BIRC7	-0.489046691	8.93E-28
RP11-77403.3	COL8A1	-0.577048483	0
RP11-77403.3	PERP	-0.726811898	0
RP11-77403.3	GJA4	-0.07047036	0.140399503
RP11-77403.3	IGFL2	-0.536244975	4.74E-34
RP11-77403.3	DAPK2	-0.359316572	1.01E-14
RP11-77403.3	MAMLD1	-0.478571955	0
RP11-77403.3	ETV5	-0.186054999	9.05E-05
RP11-77403.3	RUNX1	-0.693602578	0
RP11-77403.3	LONRF2	-0.197431897	3.21E-05
RP11-77403.3	SPOCK1	-0.037097644	0.437993168
RP11-77403.3	XKRX	-0.362287634	5.63E-15
RP11-77403.3	TGFB1	-0.16510296	0.000522445
RP11-77403.3	ERP27	-0.222424167	2.68E-06
RP11-77403.3	TNFRSF10C	-0.549514066	0
RP11-77403.3	PALM	-0.415467055	0
RP11-77403.3	TSC22D1	-0.169301055	0.000373466
RP11-77403.3	TGM2	-0.600879532	0
RP11-77403.3	UBE2QL1	-0.159987036	0.000778303
RP11-77403.3	ECE1	-0.425122902	0
RP11-77403.3	COL8A2	-0.521656402	0
RP11-77403.3	HIST3H2A	-0.535704094	0
RP11-77403.3	TNFRSF21	-0.552734904	0
RP11-77403.3	SOX4	-0.497136592	0

RP11-77403.3	ELF3	-0.687992919	0
RP11-77403.3	TPD52L1	-0.505229819	0
RP11-77403.3	INHBB	-0.215939515	5.25E-06
RP11-77403.3	HPN	-0.450579688	0
RP11-77403.3	MMP7	-0.555816142	5.88E-37
RP11-77403.3	RAB27A	-0.551286321	0
RP11-77403.3	IGF2BP2	-0.384606274	0
RP11-77403.3	ITGB4	-0.519218222	0
RP11-77403.3	PPP1R1B	-0.414429091	0
RP11-77403.3	NPDC1	-0.223171223	2.48E-06
RP11-77403.3	CCL13	-0.616775438	2.31E-47
RP11-77403.3	SPINT1	-0.762971147	0
RP11-77403.3	HEY2	-0.223686092	2.35E-06
RP11-77403.3	CST2	-0.582109352	3.55E-41
RP11-77403.3	ADM	-0.451321922	0
RP11-77403.3	VSTM2L	-0.564885949	0
RP11-77403.3	FAM84A	-0.506559684	0
RP11-77403.3	P4HA2	-0.517437882	0
RP11-77403.3	LPL	-0.26052162	3.42E-08
RP11-77403.3	TMEM173	-0.463676787	0
RP11-77403.3	DHRS3	-0.403650462	0
RP11-77403.3	SCN1B	-0.610218656	0
RP11-77403.3	GLT1D1	-0.214534193	6.06E-06
RP11-77403.3	PHYHIP	-0.514331224	0
RP11-77403.3	BHLHE40	-0.640488544	0
RP11-77403.3	BID	-0.522377502	0
RP11-77403.3	POSTN	-0.440513365	0
RP11-77403.3	ITGA3	-0.763394106	0
RP11-77403.3	RSP04	-0.409709319	0
RP11-77403.3	ADAMTS9	-0.039294133	0.41134219
RP11-77403.3	ABTB2	-0.605810925	0
RP11-77403.3	KCNQ3	-0.65445709	0
RP11-77403.3	ANXA1	-0.425838896	0
RP11-77403.3	S100A11	-0.657102636	0
RP11-77403.3	CEACAM6	-0.657307977	1.20E-55
RP11-77403.3	IER5L	-0.475992647	0
RP11-77403.3	KRT80	-0.704108738	0
RP11-77403.3	CDH6	-0.552192377	0
RP11-77403.3	UNC5B	-0.429151927	0
RP11-77403.3	PLEKHN1	-0.553618549	0
RP11-77403.3	SYTL1	-0.468178981	0
RP11-77403.3	TMEM163	-0.444924358	0
RP11-77403.3	C4orf48	-0.214745814	5.93E-06
RP11-77403.3	B3GNT7	-0.323942959	4.61E-12
RP11-77403.3	BAIAP3	-0.32554274	3.58E-12
RP11-77403.3	PHLDA2	-0.587762292	0
RP11-77403.3	GAP43	-0.416170942	8.12E-20
RP11-77403.3	S100A1	-0.610437085	0
RP11-77403.3	PTPRE	-0.638395595	0
RP11-77403.3	CCND1	-0.484097646	0
RP11-77403.3	ST6GALNAC5	-0.694982437	1.37E-64

RP11-77403.3	KRT17	-0.305770076	7.43E-11
RP11-77403.3	HPCAL4	-0.263035967	2.50E-08
RP11-77403.3	GABBR2	-0.260868979	3.28E-08
RP11-77403.3	DIRAS3	-0.270014638	1.03E-08
RP11-77403.3	SERINC2	-0.59571042	0
RP11-77403.3	PTCHD4	-0.383627882	0
RP11-77403.3	EPS8	-0.361358176	6.77E-15
RP11-77403.3	LY6E	-0.533772839	0
RP11-77403.3	UPP1	-0.651494538	0
RP11-77403.3	AHNAK2	-0.711734895	0
RP11-77403.3	PLXNC1	-0.373571913	4.57E-16
RP11-77403.3	TNC	-0.590657046	0
RP11-77403.3	DUSP4	-0.477482221	0
RP11-77403.3	NRCAM	-0.377390878	1.54E-16
RP11-77403.3	NRP2	-0.373911045	4.18E-16
RP11-77403.3	CTSC	-0.653047229	0
RP11-77403.3	AMIG02	-0.283854679	1.66E-09
RP11-77403.3	NAB2	-0.349551511	6.24E-14
RP11-77403.3	TBC1D2	-0.693505987	0
RP11-77403.3	PHLDA3	-0.597012485	0
RP11-77403.3	PTP4A3	-0.421522224	0
RP11-77403.3	CRABP2	-0.366643453	2.28E-15
RP11-77403.3	GOS2	-0.375902864	2.42E-16
RP11-77403.3	S100A6	-0.722896626	0
RP11-77403.3	FOXQ1	-0.519992653	0
RP11-77403.3	LRG1	-0.48840836	0
RP11-77403.3	LAMP5	-0.353167081	3.23E-14
RP11-77403.3	ALDH3B1	-0.649502719	0
RP11-77403.3	CDH2	0.140417058	0.003219279
RP11-77403.3	SCG5	-0.138241418	0.00373163
RP11-77403.3	ZCCHC16	-0.180764719	0.000140062
RP11-77403.3	GRB7	-0.545241648	0
RP11-77403.3	TIAM1	-0.254435673	7.21E-08
RP11-77403.3	FXYS5	-0.35196487	4.03E-14
RP11-77403.3	CLDN9	-0.405461439	0
RP11-77403.3	FAM43A	-0.487583152	0
RP11-77403.3	CHST2	-0.371945325	6.86E-16
RP11-77403.3	HMGA2	-0.392023222	0
RP11-77403.3	GALNT7	-0.523483832	0
RP11-77403.3	CBLN1	-0.507489001	0
RP11-77403.3	STRA6	-0.476604249	0
RP11-77403.3	MUC21	-0.699574243	8.92E-66
RP11-77403.3	PRR36	-0.393490101	0
RP11-77403.3	NFE2L3	-0.592316399	0
RP11-77403.3	NR1D1	-0.468612578	0
RP11-77403.3	MUC1	-0.733696531	0
RP11-77403.3	NAT8L	-0.072129855	0.131275482
RP11-77403.3	APOC1	-0.089788861	0.060165844
RP11-77403.3	EVA1A	-0.593468258	0
RP11-77403.3	ENTPD1	-0.190481452	6.09E-05
RP11-77403.3	COL1A1	-0.462068921	0

RP11-77403.3	FNDC4	-0.507897917	0
RP11-77403.3	FRMD3	-0.089651137	0.060561357
RP11-77403.3	SHROOM4	-0.409171047	0
RP11-77403.3	NELL2	-0.192117969	5.25E-05
RP11-77403.3	EPHB3	-0.627079829	0
RP11-77403.3	TMC6	-0.612884201	0
RP11-77403.3	NOD1	-0.32523935	3.75E-12
RP11-77403.3	GGCT	-0.528899599	0
RP11-77403.3	ICAM1	-0.638714161	0
RP11-77403.3	PRSS23	-0.512558118	0
RP11-77403.3	CFI	-0.467504688	0
RP11-77403.3	CD55	-0.653564367	0
RP11-77403.3	RASD2	-0.32841948	2.25E-12
RP11-77403.3	KLK11	-0.31088045	2.72E-11
RP11-77403.3	ICAM5	-0.3561224	1.86E-14
RP11-77403.3	ADORA1	-0.578489832	0
RP11-77403.3	ITGA2	-0.595488445	0
RP11-77403.3	ABCC3	-0.314600147	1.97E-11
RP11-77403.3	MFGE8	-0.555152092	0
RP11-77403.3	STK32A	-0.31334191	2.39E-11
RP11-77403.3	CYSLTR2	-0.22337717	2.42E-06
RP11-77403.3	LAD1	-0.678767407	0
RP11-77403.3	MGAT3	-0.504520491	0
RP11-77403.3	IGFBP6	-0.409598544	0
RP11-77403.3	CYP2S1	-0.643646831	0
RP11-77403.3	KCNJ2	-0.417153783	0
RP11-77403.3	FAM20A	-0.506819387	0
RP11-77403.3	TGFA	-0.465580383	0
RP11-77403.3	MXRA8	-0.424235427	0
RP11-77403.3	C8orf4	-0.452994749	0
RP11-77403.3	CLDN10	-0.513756064	6.14E-31
RP11-77403.3	PDE5A	-0.480666606	0
RP11-77403.3	APOE	-0.049954045	0.296211102
RP11-77403.3	SPOCK2	-0.495441922	0
RP11-77403.3	TENM1	-0.099987518	0.036273963
RP11-77403.3	SLIT1	-0.154562191	0.001172953
RP11-77403.3	CXCL14	-0.166461192	0.000469075
RP11-77403.3	ECM1	-0.223679284	2.35E-06
RP11-77403.3	DUSP5	-0.658388673	0
RP11-77403.3	SEZ6L2	-0.4956873	0
RP11-77403.3	THRSP	-0.292892683	4.75E-10
RP11-77403.3	C19orf33	-0.610088166	0
RP11-77403.3	MPZL2	-0.578442033	0
RP11-77403.3	CTSH	-0.546756043	0
RP11-77403.3	CYP1B1	-0.553326648	0
RP11-77403.3	ALOX5	-0.702081602	0
RP11-77403.3	SYTL5	-0.471880947	1.00E-25
RP11-77403.3	TNFRSF12A	-0.443235645	0
RP11-77403.3	DUSP6	-0.421345637	0
RP11-77403.3	ALOX15B	-0.67745286	0
RP11-77403.3	SDC4	-0.473998701	0

RP11-77403.3	MDK	-0.361688514	6.34E-15
RP11-77403.3	KRT19	-0.711175206	0
RP11-77403.3	MET	-0.703706062	0
RP11-77403.3	TESC	-0.100467921	0.035383507
RP11-77403.3	CXCL17	-0.726037777	4.47E-73
RP11-77403.3	NPC2	-0.412922072	0
RP11-77403.3	COMP	-0.407829126	0
RP11-77403.3	TUSC3	-0.343155649	1.93E-13
RP11-77403.3	TMPRSS4	-0.682456733	0
RP11-77403.3	LGALS3	-0.701973096	0
RP11-77403.3	CRLF1	-0.35036906	5.38E-14
RP11-77403.3	CTXN1	-0.420012794	0
RP11-77403.3	PCSK1N	-0.186319951	8.84E-05
RP11-77403.3	NMU	-0.523229876	3.20E-32
RP11-77403.3	GALE	-0.541864364	0
RP11-77403.3	PCSK2	-0.171476127	0.000312885
RP11-77403.3	GJB3	-0.435849051	0
RP11-77403.3	SLPI	-0.63044378	0
RP11-77403.3	AGR2	-0.22756477	1.55E-06
RP11-77403.3	MRC2	-0.405079613	0
RP11-77403.3	GOLT1A	-0.406038149	0
RP11-77403.3	SLC27A6	-0.4490924	3.55E-23
RP11-77403.3	KCNN4	-0.662493015	0
RP11-77403.3	ETV4	-0.267033443	1.33E-08
RP11-77403.3	SYT12	-0.544978682	0
RP11-77403.3	PVRL4	-0.704047181	0
RP11-77403.3	PLCD3	-0.518217845	0
RP11-77403.3	PLAU	-0.618405921	0
RP11-77403.3	LRRK2	-0.192263494	5.18E-05
RP11-77403.3	SFN	-0.693426274	0
RP11-77403.3	LPAR5	-0.485118732	0
RP11-77403.3	NGEF	-0.615786047	0
RP11-77403.3	DTX4	-0.491063693	0
RP11-77403.3	CST6	-0.485492331	0
RP11-77403.3	QPCT	-0.40488246	0
RP11-77403.3	TIMP1	-0.448896223	0
RP11-77403.3	CAMK2N1	-0.456386642	0
RP11-77403.3	KLHDC8A	-0.151716513	0.001447108
RP11-77403.3	PDLIM4	-0.619464877	0
RP11-77403.3	SCEL	-0.579620132	0
RP11-77403.3	LCN2	-0.761433207	0
RP11-77403.3	PROS1	-0.736092018	0
RP11-77403.3	GABRB2	-0.55359004	0
RP11-77403.3	TMPRSS6	-0.622445442	0
RP11-77403.3	KLK7	-0.467453278	3.25E-25
RP11-77403.3	PDZK1IP1	-0.655903971	0
RP11-77403.3	CDH3	-0.40223124	0
RP11-77403.3	LRP4	-0.198388021	2.94E-05
RP11-77403.3	IGSF1	-0.259884913	3.70E-08
RP11-77403.3	B3GNT3	-0.746651651	0
RP11-77403.3	CLDN1	-0.589866446	0

RP11-77403.3	GDF15	-0.736328035	0
RP11-77403.3	ARHGAP36	-0.268678824	1.07E-08
RP11-77403.3	LAMB3	-0.601463476	0
RP11-77403.3	KLK10	-0.489653123	0
RP11-77403.3	DPP4	-0.659473728	0
RP11-77403.3	METTL7B	-0.393853772	0
RP11-77403.3	LIPH	-0.666236238	0
RP11-77403.3	CLDN16	-0.568973269	0
RP11-77403.3	CHI3L1	-0.671836394	0
RP11-77403.3	SLC22A31	-0.479131389	1.41E-26
RP11-77403.3	TACSTD2	-0.593424147	0
RP11-77403.3	SFTPB	-0.629530916	0
RP11-77403.3	RXRG	-0.257892527	4.73E-08
RP11-77403.3	DCSTAMP	-0.643105244	1.33E-52
RP11-77403.3	CITED1	-0.455042736	0
RP11-77403.3	SERPINA1	-0.670579291	0
RP11-77403.3	PRR15	-0.22592414	1.85E-06
RP11-77403.3	SLC34A2	-0.759774564	0
RP11-77403.3	FN1	-0.790506132	0
RP11-77403.3	ZCCHC12	-0.19896005	2.78E-05
CTB-51J22.1	TFF3	0.638268084	0
CTB-51J22.1	CCL21	0.390665624	1.86E-17
CTB-51J22.1	TPO	0.679526377	0
CTB-51J22.1	MT1G	0.566801176	0
CTB-51J22.1	DIO1	0.578757195	0
CTB-51J22.1	DPT	0.375817824	3.56E-16
CTB-51J22.1	CDH16	0.637509822	0
CTB-51J22.1	CRABP1	0.584626688	1.34E-41
CTB-51J22.1	SLC26A7	0.622845281	0
CTB-51J22.1	MT1H	0.542940843	5.04E-35
CTB-51J22.1	SLC26A4	0.722488277	0
CTB-51J22.1	SLC5A8	0.607843347	1.07E-45
CTB-51J22.1	PKHD1L1	0.560309914	1.19E-37
CTB-51J22.1	TFCP2L1	0.553037442	0
CTB-51J22.1	WSCD2	0.643880176	9.18E-53
CTB-51J22.1	IPCEF1	0.637472235	0
CTB-51J22.1	SLC5A5	0.535481702	6.09E-34
CTB-51J22.1	MT1F	0.604049025	0
CTB-51J22.1	FOSB	0.382462406	1.15E-17
CTB-51J22.1	SEMA3D	0.571538272	1.96E-39
CTB-51J22.1	BMP8A	0.587205865	0
CTB-51J22.1	MATN2	0.585764233	0
CTB-51J22.1	PLA2R1	0.571613568	0
CTB-51J22.1	COL23A1	0.674608459	0
CTB-51J22.1	HGD	0.696087706	0
CTB-51J22.1	TCEAL2	0.543221745	0
CTB-51J22.1	CHRD1	0.341315254	1.94E-13
CTB-51J22.1	TNFRSF11B	0.575768261	0
CTB-51J22.1	FAM167A	0.715319829	0
CTB-51J22.1	KIT	0.58617088	0
CTB-51J22.1	SLC4A4	0.629915153	0

CTB-51J22.1	SMOC2	0.494164537	0
CTB-51J22.1	FHL1	0.708938009	0
CTB-51J22.1	OTOS	0.621668175	0
CTB-51J22.1	IGFBPL1	0.606992799	1.54E-45
CTB-51J22.1	HBB	0.363586437	4.33E-15
CTB-51J22.1	BEX1	0.508249815	0
CTB-51J22.1	FABP4	0.538536374	2.21E-34
CTB-51J22.1	LMOD1	0.618100687	0
CTB-51J22.1	SOD3	0.503168216	0
CTB-51J22.1	TMEM171	0.543832212	0
CTB-51J22.1	PI16	0.423476315	0
CTB-51J22.1	ZMAT4	0.613605009	9.16E-47
CTB-51J22.1	MFAP4	0.252530658	9.06E-08
CTB-51J22.1	CWH43	0.547202566	1.18E-35
CTB-51J22.1	SPX	0.634446282	0
CTB-51J22.1	APOD	0.2066984	1.32E-05
CTB-51J22.1	DPP6	0.577789156	0
CTB-51J22.1	MMRN1	0.409740523	0
CTB-51J22.1	WDR72	0.603159706	0
CTB-51J22.1	MPPED2	0.66190127	0
CTB-51J22.1	PAPSS2	0.480263789	0
CTB-51J22.1	DCN	0.210510273	9.08E-06
CTB-51J22.1	SORBS2	0.688030364	0
CTB-51J22.1	EGR2	0.442586882	0
CTB-51J22.1	EDN3	0.566093322	1.46E-38
CTB-51J22.1	DIO2	0.637730663	0
CTB-51J22.1	ITPR1	0.642068184	0
CTB-51J22.1	CFD	0.286951551	1.09E-09
CTB-51J22.1	CPXM1	0.384181614	0
CTB-51J22.1	ELMO1	0.665052749	0
CTB-51J22.1	GPC3	0.447591834	5.15E-23
CTB-51J22.1	MYOC	0.279833779	2.43E-09
CTB-51J22.1	DEPTOR	0.578856764	0
CTB-51J22.1	DGKI	0.589500223	0
CTB-51J22.1	CARTPT	0.639512599	7.41E-52
CTB-51J22.1	IYD	0.480505763	0
CTB-51J22.1	LYVE1	0.379812179	6.33E-17
CTB-51J22.1	CLCNKB	0.655442858	0
CTB-51J22.1	NCAM1	0.403447068	0
CTB-51J22.1	HBA2	0.30633317	6.84E-11
CTB-51J22.1	GLT8D2	0.572986409	0
CTB-51J22.1	OGDHL	0.455028977	0
CTB-51J22.1	LIFR	0.541731037	0
CTB-51J22.1	CSGALNACT1	0.551856932	0
CTB-51J22.1	RAP1GAP	0.54675732	0
CTB-51J22.1	COL9A3	0.576641552	0
CTB-51J22.1	FBLN1	0.183097553	0.000117264
CTB-51J22.1	EFEMP1	0.464409518	0
CTB-51J22.1	AOX1	0.511789237	1.12E-30
CTB-51J22.1	GRIN2C	0.636521217	0
CTB-51J22.1	C11orf74	0.599143162	0

CTB-51J22.1	PPARGC1A	0.552889506	0
CTB-51J22.1	ANGPTL1	0.609245795	0
CTB-51J22.1	SCARA5	0.311015096	2.67E-11
CTB-51J22.1	LTF	0.524734977	0
CTB-51J22.1	CA4	0.600496005	2.31E-44
CTB-51J22.1	TG	0.651473404	0
CTB-51J22.1	FCGBP	0.562738393	0
CTB-51J22.1	PBX4	0.610680761	0
CTB-51J22.1	CYR61	0.409293453	0
CTB-51J22.1	FOS	0.41109138	0
CTB-51J22.1	KHDRBS2	0.588596295	0
CTB-51J22.1	MUM1L1	0.456711024	0
CTB-51J22.1	RGS16	0.616974784	0
CTB-51J22.1	MT1M	0.505029119	0
CTB-51J22.1	LRP2	0.589727588	0
CTB-51J22.1	MAFB	0.564224988	0
CTB-51J22.1	KCNK2	0.504655804	0
CTB-51J22.1	TBC1D4	0.573612336	0
CTB-51J22.1	MIOX	0.648424709	1.01E-53
CTB-51J22.1	TPPP	0.572228148	0
CTB-51J22.1	FMOD	0.521183943	0
CTB-51J22.1	CITED2	0.445926721	0
CTB-51J22.1	RGS8	0.62613869	3.62E-49
CTB-51J22.1	ABI3BP	0.333006635	1.07E-12
CTB-51J22.1	ADH1B	0.351383326	3.34E-14
CTB-51J22.1	OGN	0.242172621	2.80E-07
CTB-51J22.1	NR4A1	0.38821759	0
CTB-51J22.1	FOXJ1	0.624805608	6.60E-49
CTB-51J22.1	ALDH1A1	0.584230548	0
CTB-51J22.1	OCA2	0.473476023	6.54E-26
CTB-51J22.1	TMEM139	0.384359761	0
CTB-51J22.1	ARHGAP24	0.647735996	0
CTB-51J22.1	SLC25A15	0.571356275	0
CTB-51J22.1	DES	0.250143832	1.09E-07
CTB-51J22.1	GDF10	0.492541667	3.30E-28
CTB-51J22.1	KIAA1324	0.57273323	0
CTB-51J22.1	JUN	0.446016504	0
CTB-51J22.1	C7	0.196322305	3.56E-05
CTB-51J22.1	LGI3	0.604109022	0
CTB-51J22.1	CDON	0.654935507	0
CTB-51J22.1	BCL2	0.557870684	0
CTB-51J22.1	HLF	0.626783247	0
CTB-51J22.1	EGR1	0.418733139	0
CTB-51J22.1	IP6K3	0.489572843	0
CTB-51J22.1	SCUBE3	0.559209485	0
CTB-51J22.1	PKNOX2	0.551128314	0
CTB-51J22.1	SMAD9	0.445252995	0
CTB-51J22.1	IQGAP2	0.560691967	0
CTB-51J22.1	GNA14	0.641244394	0
CTB-51J22.1	LAYN	0.531788396	0
CTB-51J22.1	AVPR1A	0.625128859	0

CTB-51J22.1	PDLIM3	0.456541103	0
CTB-51J22.1	GPM6A	0.517091658	0
CTB-51J22.1	SDPR	0.522292258	0
CTB-51J22.1	CRYAB	0.297608059	2.43E-10
CTB-51J22.1	FOXA2	0.5943667	2.81E-43
CTB-51J22.1	C8orf88	0.567333348	0
CTB-51J22.1	ISM1	0.508256623	0
CTB-51J22.1	BMP2	0.378006167	1.26E-16
CTB-51J22.1	ID4	0.550053189	0
CTB-51J22.1	NUPR1	0.358660717	1.15E-14
CTB-51J22.1	SERTM1	0.480384104	1.00E-26
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CTB-51J22.1	WASF3	0.587435783	0
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CTB-51J22.1	SYNE1	0.679586328	8.97E-61
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CTB-51J22.1	CCDC146	0.595016411	0
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CTB-51J22.1	KCNAB1	0.621456412	0
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CTB-51J22.1	C16orf89	0.657217099	0
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CTB-51J22.1	NR4A3	0.279562688	2.95E-09
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CTB-51J22.1	HSPB6	0.316637779	1.44E-11
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CTB-51J22.1	TRIM58	0.534304019	0
CTB-51J22.1	LRIG1	0.520619289	0

CTB-51J22.1	ROR2	0.412195157	0
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CTB-51J22.1	PLSCR4	0.492447031	0
CTB-51J22.1	FAM46B	0.339312288	3.72E-13
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CTB-51J22.1	HSD11B2	0.575353529	0
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CTB-51J22.1	TNS3	0.449871354	0
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CTB-51J22.1	SLC39A14	0.601830692	0
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CTB-51J22.1	SLC25A25	0.425333246	0
CTB-51J22.1	PRKX	0.327920781	2.44E-12
CTB-51J22.1	SRPX	0.252817027	8.76E-08
CTB-51J22.1	FAM189A1	0.535657571	0
CTB-51J22.1	PLEKHH1	0.505580724	0
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CTB-51J22.1	ARC	0.252546686	9.05E-08

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CTB-51J22.1	DNALI1	0.596447831	0
CTB-51J22.1	HKDC1	0.464040032	0
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CTB-51J22.1	CAPSL	0.605504103	2.88E-45
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CTB-51J22.1	CPQ	0.642329873	0
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CTB-51J22.1	TP53INP2	0.640355926	0
CTB-51J22.1	KATNAL2	0.60390889	0
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CTB-51J22.1	KIF12	0.42444024	0
CTB-51J22.1	TMEM220	0.626618858	0
CTB-51J22.1	CENPJ	0.475743723	0
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CTB-51J22.1	SELENBP1	0.656293455	0
CTB-51J22.1	SNTA1	0.533827163	0
CTB-51J22.1	FRAS1	0.192227467	5.20E-05
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CTB-51J22.1	GPR83	0.530465056	0
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CTB-51J22.1	EGR3	0.279446239	3.00E-09
CTB-51J22.1	GRAMD2	0.365610453	2.84E-15
CTB-51J22.1	HYOU1	0.594629479	0
CTB-51J22.1	FBLN5	0.330938224	1.50E-12
CTB-51J22.1	ITM2A	0.583557247	0
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CTB-51J22.1	DNAJB4	0.491029794	0
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CTB-51J22.1	SHANK2	0.604354684	0
CTB-51J22.1	CNTFR	0.528296424	6.34E-33
CTB-51J22.1	CYTH3	0.594039862	0
CTB-51J22.1	PLAC9	0.374053734	4.03E-16
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CTB-51J22.1	NPR3	0.462020981	0
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CTB-51J22.1	GBP1	0.255415484	6.40E-08
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CTB-51J22.1	CRELD2	0.586486609	0
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CTB-51J22.1	PRDM16	0.564093363	0
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CTB-51J22.1	CST5	-0.545938596	1.82E-35
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CTB-51J22.1	ADTRP	-0.294658981	3.71E-10
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CTB-51J22.1	SIGLEC6	-0.384829561	6.04E-17
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CTB-51J22.1	RAB34	-0.421450171	0
CTB-51J22.1	HES4	-0.325790246	3.44E-12
CTB-51J22.1	EPHA10	-0.477274997	0
CTB-51J22.1	ENTPD2	-0.38303018	4.60E-18
CTB-51J22.1	DDB2	-0.518254297	0
CTB-51J22.1	NKAIN4	-0.365653004	2.82E-15
CTB-51J22.1	TRIM29	-0.523852609	0
CTB-51J22.1	ADCY8	-0.427686842	5.97E-21
CTB-51J22.1	SFTA2	-0.376538578	2.01E-16
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CTB-51J22.1	VWA1	-0.068884054	0.149568515
CTB-51J22.1	APLNR	-0.090614495	0.057839347
CTB-51J22.1	REN	-0.390603142	1.88E-17
CTB-51J22.1	EDIL3	-0.232156322	9.41E-07
CTB-51J22.1	AGRN	-0.413870395	0
CTB-51J22.1	TREM1	-0.297862514	2.35E-10
CTB-51J22.1	SRL	-0.195667159	3.79E-05
CTB-51J22.1	RASGRF1	-0.450287929	0
CTB-51J22.1	RMI2	-0.392724039	0
CTB-51J22.1	SAMD1	-0.482116465	0
CTB-51J22.1	MGAT4B	-0.575633516	0
CTB-51J22.1	NXN	-0.543049839	0
CTB-51J22.1	SH3BGR13	-0.438765506	0
CTB-51J22.1	CA11	-0.209245086	1.03E-05
CTB-51J22.1	PLD3	-0.22061163	3.24E-06
CTB-51J22.1	LURAP1L	-0.425957046	0
CTB-51J22.1	CARNS1	-0.209703787	9.84E-06
CTB-51J22.1	PDLIM7	-0.378227007	1.17E-16
CTB-51J22.1	BCL2L1	-0.548730132	0
CTB-51J22.1	GGT6	-0.37747598	1.50E-16
CTB-51J22.1	DPYSL3	-0.270857576	9.27E-09
CTB-51J22.1	FYN	-0.472266302	0

CTB-51J22.1	TK1	-0.311444129	3.19E-11
CTB-51J22.1	AK1	-0.158735182	0.000856544
CTB-51J22.1	HIGD1B	-0.012015733	0.801699144
CTB-51J22.1	TMEM59L	-0.350581249	5.18E-14
CTB-51J22.1	MEGF9	-0.343421594	1.84E-13
CTB-51J22.1	ZFP36L1	-0.401623751	0
CTB-51J22.1	ADRA1B	-0.233237404	8.35E-07
CTB-51J22.1	EPHA4	-0.413707708	0
CTB-51J22.1	TCERG1L	-0.100864923	0.034661744
CTB-51J22.1	NGFR	-0.211177475	8.50E-06
CTB-51J22.1	EBI3	-0.412676835	0
CTB-51J22.1	S100A10	-0.472262614	0
CTB-51J22.1	S100B	-0.328119069	2.37E-12
CTB-51J22.1	CD44	-0.141711605	0.002945635
CTB-51J22.1	BHLHE41	-0.392663474	0
CTB-51J22.1	FBXO2	-0.29196677	5.41E-10
CTB-51J22.1	SLC30A2	-0.412376424	0
CTB-51J22.1	FRMD5	-0.482062709	0
CTB-51J22.1	SAMD11	-0.295893957	3.11E-10
CTB-51J22.1	SIPA1L2	-0.429515598	0
CTB-51J22.1	S100A16	-0.484651804	0
CTB-51J22.1	PPL	-0.56133307	0
CTB-51J22.1	ARHGD1B	-0.169877056	0.000356438
CTB-51J22.1	CDC42EP3	-0.537011548	0
CTB-51J22.1	RUNX2	-0.407960042	0
CTB-51J22.1	LAMC2	-0.520108108	0
CTB-51J22.1	BRINP1	-0.401265329	0
CTB-51J22.1	GPRC5B	-0.39254575	0
CTB-51J22.1	AQP5	-0.137359617	0.003959554
CTB-51J22.1	PLAG1	-0.336621496	5.85E-13
CTB-51J22.1	PTPRU	-0.564748083	0
CTB-51J22.1	ANGPTL4	-0.294549625	3.76E-10
CTB-51J22.1	PALM3	-0.349444991	6.36E-14
CTB-51J22.1	ACP5	-0.31091536	3.45E-11
CTB-51J22.1	DLG4	-0.240719029	3.61E-07
CTB-51J22.1	ETNK2	-0.383145636	3.34E-18
CTB-51J22.1	CD109	-0.491514452	0
CTB-51J22.1	SNX22	-0.193368263	4.68E-05
CTB-51J22.1	TMEM98	-0.420900552	0
CTB-51J22.1	CTHRC1	-0.374885041	3.23E-16
CTB-51J22.1	S100A2	-0.455409668	0
CTB-51J22.1	C11orf80	-0.560251846	0
CTB-51J22.1	SREBF1	-0.436631992	0
CTB-51J22.1	PRSS22	-0.554376385	0
CTB-51J22.1	CMTM3	-0.468870721	0
CTB-51J22.1	RDH5	-0.312007648	2.93E-11
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CTB-51J22.1	EVPL	-0.503944491	0
CTB-51J22.1	SCD	-0.469709262	0
CTB-51J22.1	CD151	-0.40895588	0
CTB-51J22.1	S100A4	-0.444695008	0

CTB-51J22.1	BNIP1	-0.30120363	1.45E-10
CTB-51J22.1	MAP3K6	-0.50116037	0
CTB-51J22.1	MANEAL	-0.379199727	8.14E-17
CTB-51J22.1	CD207	-0.363097782	3.97E-15
CTB-51J22.1	CD1A	-0.373921125	5.14E-16
CTB-51J22.1	C3	-0.368894408	1.39E-15
CTB-51J22.1	NT5E	-0.395565037	0
CTB-51J22.1	CACNG4	-0.498781973	5.44E-29
CTB-51J22.1	FHOD1	-0.444481259	0
CTB-51J22.1	LEMD1	-0.483069611	0
CTB-51J22.1	ATP11A	-0.195174984	3.96E-05
CTB-51J22.1	PPAP2C	-0.379699986	6.64E-17
CTB-51J22.1	DRAM1	-0.504928131	0
CTB-51J22.1	CDA	-0.204738353	1.60E-05
CTB-51J22.1	CCND2	-0.213031003	7.06E-06
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CTB-51J22.1	CDH4	-0.384349124	0
CTB-51J22.1	MMP11	-0.493252382	0
CTB-51J22.1	B3GAT1	-0.420441567	0
CTB-51J22.1	SPP1	-0.263185605	2.46E-08
CTB-51J22.1	HLA-DQB1	-0.282373474	2.03E-09
CTB-51J22.1	SDC3	-0.436354701	0
CTB-51J22.1	CX3CL1	-0.298715239	2.08E-10
CTB-51J22.1	SDK1	-0.387893917	0
CTB-51J22.1	DOCK9	-0.442753257	0
CTB-51J22.1	CSF2	-0.458782466	3.09E-24
CTB-51J22.1	GRHL3	-0.529577297	0
CTB-51J22.1	TMEM92	-0.501795994	2.24E-29
CTB-51J22.1	BASP1	-0.551388727	0
CTB-51J22.1	HRH1	-0.514936443	0
CTB-51J22.1	ESM1	-0.090888666	0.057083471
CTB-51J22.1	B4GALNT3	-0.444562532	0
CTB-51J22.1	LMO3	-0.188661965	7.17E-05
CTB-51J22.1	C9orf16	-0.504188734	0
CTB-51J22.1	SEMA3F	-0.274513002	5.76E-09
CTB-51J22.1	PLA2G12B	-0.235111847	6.29E-07
CTB-51J22.1	KLK6	-0.463836713	8.38E-25
CTB-51J22.1	ST3GAL5	-0.324305636	4.35E-12
CTB-51J22.1	FAM132B	-0.138550765	0.003654534
CTB-51J22.1	CDKN1A	-0.274319253	5.91E-09
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CTB-51J22.1	B3GNT8	-0.381565003	2.50E-17
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CTB-51J22.1	MYO1G	-0.454174692	0
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CTB-51J22.1	UNC5CL	-0.485569916	0
CTB-51J22.1	ABR	-0.446698883	0
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CTB-51J22.1	SRCIN1	-0.412357844	0
CTB-51J22.1	PDE9A	-0.554914657	0
CTB-51J22.1	TREM2	-0.287002329	1.08E-09

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CTB-51J22.1	PC	-0.35509791	2.26E-14
CTB-51J22.1	C2CD4A	-0.489998497	0
CTB-51J22.1	PELI1	-0.463433537	0
CTB-51J22.1	SSX1	-0.409615281	0
CTB-51J22.1	MROH6	-0.548989269	0
CTB-51J22.1	ESPN	-0.457604598	0
CTB-51J22.1	BMP1	-0.338570055	4.22E-13
CTB-51J22.1	TM4SF4	-0.421507772	2.45E-20
CTB-51J22.1	CORO2A	-0.460118945	0
CTB-51J22.1	CD164L2	-0.34637657	8.07E-14
CTB-51J22.1	CTSS	-0.349261454	6.57E-14
CTB-51J22.1	CLU	-0.367832331	1.76E-15
CTB-51J22.1	TMSB4X	-0.445521493	0
CTB-51J22.1	WNT10A	-0.487022203	1.58E-27
CTB-51J22.1	NAPSA	-0.313501193	2.33E-11
CTB-51J22.1	PLEKHA4	-0.413401481	0
CTB-51J22.1	SFTPA1	-0.015185468	0.751029597
CTB-51J22.1	C1orf116	-0.486054006	0
CTB-51J22.1	TM4SF1	-0.419186025	0
CTB-51J22.1	SEL1L3	-0.430843619	0
CTB-51J22.1	VASN	-0.442161513	0
CTB-51J22.1	NPTXR	-0.441332475	0
CTB-51J22.1	PDE4C	-0.583543489	0
CTB-51J22.1	CDC42EP1	-0.467636313	0
CTB-51J22.1	ENDOD1	-0.479102001	0
CTB-51J22.1	RYR1	-0.418474003	0
CTB-51J22.1	IL1RAP	-0.434990937	0
CTB-51J22.1	SLC35F2	-0.521015246	6.43E-32
CTB-51J22.1	ISYNA1	-0.344500265	1.52E-13
CTB-51J22.1	HLA-G	-0.427861493	0
CTB-51J22.1	CDKN2B	-0.515554569	0
CTB-51J22.1	ALDH1A3	-0.467746095	0
CTB-51J22.1	CLIP3	-0.442689289	0
CTB-51J22.1	ULBP2	-0.346538039	1.07E-13
CTB-51J22.1	ETHE1	-0.49489287	0
CTB-51J22.1	XPR1	-0.453223107	0
CTB-51J22.1	SPTBN2	-0.606711591	0
CTB-51J22.1	IVL	-0.537388543	3.24E-34
CTB-51J22.1	MARCO	-0.354822462	2.38E-14
CTB-51J22.1	PLXND1	-0.282318441	2.04E-09
CTB-51J22.1	EMILIN2	-0.405839718	0
CTB-51J22.1	PLAUR	-0.440053387	0
CTB-51J22.1	CDC42EP5	-0.520799139	0
CTB-51J22.1	TRPC5	-0.201240827	2.16E-05
CTB-51J22.1	TMEM100	-0.28508072	1.40E-09
CTB-51J22.1	QSOX1	-0.541324957	0
CTB-51J22.1	ARHGAP23	-0.462770873	0
CTB-51J22.1	MDF1	-0.360472119	8.07E-15
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CTB-51J22.1	INF2	-0.45051189	0

CTB-51J22.1	TGFBR1	-0.485873447	0
CTB-51J22.1	TGFBI	-0.309841228	4.06E-11
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CTB-51J22.1	CCL18	-0.307741329	5.55E-11
CTB-51J22.1	CCL17	-0.390699044	1.85E-17
CTB-51J22.1	C16orf45	-0.266452965	1.63E-08
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CTB-51J22.1	CNFN	-0.433405907	0
CTB-51J22.1	ARMCX3	-0.273948632	6.20E-09
CTB-51J22.1	RAMP1	-0.255539165	6.31E-08
CTB-51J22.1	GABRD	-0.067886513	0.155563517
CTB-51J22.1	COL13A1	-0.15204983	0.001412196
CTB-51J22.1	S100A5	-0.436035283	0
CTB-51J22.1	MISP	-0.485836995	0
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CTB-51J22.1	DOK7	-0.544561539	0
CTB-51J22.1	ZMAT3	-0.57963772	0
CTB-51J22.1	MFAP2	-0.360163907	8.57E-15
CTB-51J22.1	TMEM79	-0.513806994	0
CTB-51J22.1	SLC1A5	-0.382880542	6.31E-18
CTB-51J22.1	BBC3	-0.495837789	0
CTB-51J22.1	HLA-DQB2	-0.324344216	4.33E-12
CTB-51J22.1	C1QL1	-0.382632043	9.31E-18
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CTB-51J22.1	ARNTL	-0.365798954	2.73E-15
CTB-51J22.1	CLDN2	-0.197875996	2.97E-05
CTB-51J22.1	MVP	-0.492909562	0
CTB-51J22.1	LGALS1	-0.396293796	0
CTB-51J22.1	BIRC7	-0.488898471	9.31E-28
CTB-51J22.1	COL8A1	-0.37667304	1.93E-16
CTB-51J22.1	PERP	-0.608791207	0
CTB-51J22.1	GJA4	-0.248181932	1.52E-07
CTB-51J22.1	IGFL2	-0.438386437	4.82E-22
CTB-51J22.1	DAPK2	-0.39749927	0
CTB-51J22.1	MAMLD1	-0.425661741	0
CTB-51J22.1	ETV5	-0.231366289	1.03E-06
CTB-51J22.1	RUNX1	-0.627991132	0
CTB-51J22.1	LONRF2	-0.203810313	1.75E-05
CTB-51J22.1	SPOCK1	-0.181469121	0.000135043
CTB-51J22.1	XKRX	-0.407044483	0
CTB-51J22.1	TGFB1	-0.243734487	2.55E-07
CTB-51J22.1	ERP27	-0.260682464	3.36E-08
CTB-51J22.1	TNFRSF10C	-0.400515436	0
CTB-51J22.1	PALM	-0.550990023	0
CTB-51J22.1	TSC22D1	-0.255291376	6.50E-08
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CTB-51J22.1	UBE2QL1	-0.247851309	1.58E-07
CTB-51J22.1	ECE1	-0.435045828	0

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CTB-51J22.1	HIST3H2A	-0.457256955	0
CTB-51J22.1	TNFRSF21	-0.457012286	0
CTB-51J22.1	SOX4	-0.583657526	0
CTB-51J22.1	ELF3	-0.593743422	0
CTB-51J22.1	TPD52L1	-0.410527577	0
CTB-51J22.1	INHBB	-0.319050145	9.94E-12
CTB-51J22.1	HPN	-0.389165771	0
CTB-51J22.1	MMP7	-0.442853281	1.64E-22
CTB-51J22.1	RAB27A	-0.374549313	3.53E-16
CTB-51J22.1	IGF2BP2	-0.497014612	0
CTB-51J22.1	ITGB4	-0.518351739	0
CTB-51J22.1	PPP1R1B	-0.477350738	0
CTB-51J22.1	NPDC1	-0.312302385	2.80E-11
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CTB-51J22.1	SPINT1	-0.558165989	0
CTB-51J22.1	HEY2	-0.261729789	2.95E-08
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CTB-51J22.1	P4HA2	-0.365385641	2.98E-15
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CTB-51J22.1	DHRS3	-0.456742228	0
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CTB-51J22.1	GLT1D1	-0.205435766	1.50E-05
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CTB-51J22.1	ANXA1	-0.359674427	9.44E-15
CTB-51J22.1	S100A11	-0.554181642	0
CTB-51J22.1	CEACAM6	-0.512729937	8.40E-31
CTB-51J22.1	IER5L	-0.49117773	0
CTB-51J22.1	KRT80	-0.552098906	0
CTB-51J22.1	CDH6	-0.505899857	0
CTB-51J22.1	UNC5B	-0.419336372	0
CTB-51J22.1	PLEKHN1	-0.517947929	0
CTB-51J22.1	SYTL1	-0.415732291	0
CTB-51J22.1	TMEM163	-0.44251029	0
CTB-51J22.1	C4orf48	-0.249481585	1.30E-07
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CTB-51J22.1	BAIAP3	-0.455546257	0
CTB-51J22.1	PHLDA2	-0.392292712	0
CTB-51J22.1	GAP43	-0.397177579	4.86E-18

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CTB-51J22.1	PTPRE	-0.52022484	0
CTB-51J22.1	CCND1	-0.484757047	0
CTB-51J22.1	ST6GALNAC5	-0.581306704	4.84E-41
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CTB-51J22.1	HPCAL4	-0.282582826	1.97E-09
CTB-51J22.1	GABBR2	-0.194296729	4.30E-05
CTB-51J22.1	DIRAS3	-0.250252612	1.19E-07
CTB-51J22.1	SERINC2	-0.464958286	0
CTB-51J22.1	PTCHD4	-0.435940394	0
CTB-51J22.1	EPS8	-0.323982673	4.58E-12
CTB-51J22.1	LY6E	-0.462940085	0
CTB-51J22.1	UPP1	-0.532160293	0
CTB-51J22.1	AHNAK2	-0.580604907	0
CTB-51J22.1	PLXNC1	-0.322775639	5.55E-12
CTB-51J22.1	TNC	-0.431860024	0
CTB-51J22.1	DUSP4	-0.397264955	0
CTB-51J22.1	NRCAM	-0.441374175	0
CTB-51J22.1	NRP2	-0.330929714	1.50E-12
CTB-51J22.1	CTSC	-0.432925788	0
CTB-51J22.1	AMIG02	-0.318654561	1.06E-11
CTB-51J22.1	NAB2	-0.354989263	2.31E-14
CTB-51J22.1	TBC1D2	-0.562791298	0
CTB-51J22.1	PHLDA3	-0.547615576	0
CTB-51J22.1	PTP4A3	-0.354514534	2.52E-14
CTB-51J22.1	CRABP2	-0.298565885	2.12E-10
CTB-51J22.1	GOS2	-0.250091485	1.21E-07
CTB-51J22.1	S100A6	-0.567514049	0
CTB-51J22.1	FOXQ1	-0.457952666	0
CTB-51J22.1	LRG1	-0.400413739	0
CTB-51J22.1	LAMP5	-0.374626614	3.46E-16
CTB-51J22.1	ALDH3B1	-0.567548657	0
CTB-51J22.1	CDH2	-0.066473815	0.164362386
CTB-51J22.1	SCG5	-0.149439034	0.001707697
CTB-51J22.1	ZCCHC16	-0.179198658	0.000160316
CTB-51J22.1	GRB7	-0.544055606	0
CTB-51J22.1	TIAM1	-0.338160429	4.52E-13
CTB-51J22.1	FXYD5	-0.328564296	2.20E-12
CTB-51J22.1	CLDN9	-0.423153068	0
CTB-51J22.1	FAM43A	-0.488975709	0
CTB-51J22.1	CHST2	-0.420099598	0
CTB-51J22.1	HMGA2	-0.37601832	2.34E-16
CTB-51J22.1	GALNT7	-0.402470945	0
CTB-51J22.1	CBLN1	-0.370047118	1.07E-15
CTB-51J22.1	STRA6	-0.516501757	0
CTB-51J22.1	MUC21	-0.528081505	6.79E-33
CTB-51J22.1	PRR36	-0.496639453	0
CTB-51J22.1	NFE2L3	-0.502759583	0
CTB-51J22.1	NR1D1	-0.421727888	0
CTB-51J22.1	MUC1	-0.5802106	0
CTB-51J22.1	NAT8L	-0.201197389	2.25E-05

CTB-51J22.1	APOC1	-0.230573419	1.12E-06
CTB-51J22.1	EVA1A	-0.560577646	0
CTB-51J22.1	ENTPD1	-0.233001387	8.57E-07
CTB-51J22.1	COL1A1	-0.385832456	0
CTB-51J22.1	FNDC4	-0.382173058	1.55E-17
CTB-51J22.1	FRMD3	-0.089739644	0.06030694
CTB-51J22.1	SHROOM4	-0.406121832	0
CTB-51J22.1	NELL2	-0.29315494	4.58E-10
CTB-51J22.1	EPHB3	-0.647672169	0
CTB-51J22.1	TMC6	-0.548086617	0
CTB-51J22.1	NOD1	-0.413521901	0
CTB-51J22.1	GGCT	-0.452856883	0
CTB-51J22.1	ICAM1	-0.448487307	0
CTB-51J22.1	PRSS23	-0.359758253	9.28E-15
CTB-51J22.1	CFI	-0.438724657	0
CTB-51J22.1	CD55	-0.55814287	0
CTB-51J22.1	RASD2	-0.457670694	0
CTB-51J22.1	KLK11	-0.398423194	3.74E-18
CTB-51J22.1	ICAM5	-0.428488271	0
CTB-51J22.1	ADORA1	-0.388738983	0
CTB-51J22.1	ITGA2	-0.509767047	0
CTB-51J22.1	ABCC3	-0.374010899	4.08E-16
CTB-51J22.1	MFGE8	-0.409021976	0
CTB-51J22.1	STK32A	-0.226627652	1.72E-06
CTB-51J22.1	CYSLTR2	-0.316676926	1.43E-11
CTB-51J22.1	LAD1	-0.592646738	0
CTB-51J22.1	MGAT3	-0.574121957	0
CTB-51J22.1	IGFBP6	-0.314817583	1.91E-11
CTB-51J22.1	CYP2S1	-0.577259678	0
CTB-51J22.1	KCNJ2	-0.376363551	2.12E-16
CTB-51J22.1	FAM20A	-0.417800418	0
CTB-51J22.1	TGFA	-0.359981079	8.89E-15
CTB-51J22.1	MXRA8	-0.470499437	0
CTB-51J22.1	C8orf4	-0.305954323	7.23E-11
CTB-51J22.1	CLDN10	-0.396554282	5.53E-18
CTB-51J22.1	PDE5A	-0.449716326	0
CTB-51J22.1	APOE	-0.205710505	1.46E-05
CTB-51J22.1	SPOCK2	-0.548357668	0
CTB-51J22.1	TENM1	-0.165223379	0.000517494
CTB-51J22.1	SLIT1	-0.129303693	0.006702922
CTB-51J22.1	CXCL14	-0.299048273	1.98E-10
CTB-51J22.1	ECM1	-0.13773123	0.003862006
CTB-51J22.1	DUSP5	-0.520952748	0
CTB-51J22.1	SEZ6L2	-0.432433188	0
CTB-51J22.1	THRSP	-0.202112948	2.06E-05
CTB-51J22.1	C19orf33	-0.590091542	0
CTB-51J22.1	MPZL2	-0.407067319	0
CTB-51J22.1	CTSH	-0.467803397	0
CTB-51J22.1	CYP1B1	-0.472141485	0
CTB-51J22.1	ALOX5	-0.506669466	0
CTB-51J22.1	SYTL5	-0.478525946	1.66E-26

CTB-51J22.1	TNFRSF12A	-0.419732807	0
CTB-51J22.1	DUSP6	-0.390799451	0
CTB-51J22.1	ALOX15B	-0.493043598	0
CTB-51J22.1	SDC4	-0.468824057	0
CTB-51J22.1	MDK	-0.420079173	0
CTB-51J22.1	KRT19	-0.616413109	0
CTB-51J22.1	MET	-0.548894805	0
CTB-51J22.1	TESC	-0.194924075	4.06E-05
CTB-51J22.1	CXCL17	-0.501174287	2.70E-29
CTB-51J22.1	NPC2	-0.32157981	6.70E-12
CTB-51J22.1	COMP	-0.417637305	0
CTB-51J22.1	TUSC3	-0.373365398	4.82E-16
CTB-51J22.1	TMPRSS4	-0.599222874	0
CTB-51J22.1	LGALS3	-0.570741553	0
CTB-51J22.1	CRLF1	-0.403387071	0
CTB-51J22.1	CTXN1	-0.503354874	0
CTB-51J22.1	PCSK1N	-0.296815898	2.73E-10
CTB-51J22.1	NMU	-0.528401117	6.13E-33
CTB-51J22.1	GALE	-0.489737091	0
CTB-51J22.1	PCSK2	-0.081360899	0.088627582
CTB-51J22.1	GJB3	-0.493932633	0
CTB-51J22.1	SLPI	-0.521522224	0
CTB-51J22.1	AGR2	-0.298009174	2.30E-10
CTB-51J22.1	MRC2	-0.415165226	0
CTB-51J22.1	GOLT1A	-0.374270744	3.81E-16
CTB-51J22.1	SLC27A6	-0.475553749	3.73E-26
CTB-51J22.1	KCNN4	-0.517153783	0
CTB-51J22.1	ETV4	-0.428877842	4.53E-21
CTB-51J22.1	SYT12	-0.501453831	0
CTB-51J22.1	PVRL4	-0.58958575	0
CTB-51J22.1	PLCD3	-0.559304516	0
CTB-51J22.1	PLAU	-0.442605889	0
CTB-51J22.1	LRRK2	-0.169265738	0.000374535
CTB-51J22.1	SFN	-0.541367225	0
CTB-51J22.1	LPAR5	-0.480396123	0
CTB-51J22.1	NGEF	-0.604393689	0
CTB-51J22.1	DTX4	-0.502703983	0
CTB-51J22.1	CST6	-0.458071242	0
CTB-51J22.1	QPCT	-0.343748812	1.74E-13
CTB-51J22.1	TIMP1	-0.408088121	0
CTB-51J22.1	CAMK2N1	-0.439479373	0
CTB-51J22.1	KLHDC8A	-0.160740475	0.000734459
CTB-51J22.1	PDLIM4	-0.538972447	0
CTB-51J22.1	SCEL	-0.453231334	0
CTB-51J22.1	LCN2	-0.577060539	0
CTB-51J22.1	PROS1	-0.577465626	0
CTB-51J22.1	GABRB2	-0.435336736	0
CTB-51J22.1	TMPRSS6	-0.575969244	0
CTB-51J22.1	KLK7	-0.452818777	1.40E-23
CTB-51J22.1	PDZK1IP1	-0.4834625	0
CTB-51J22.1	CDH3	-0.437387275	0

CTB-51J22. 1	LRP4	-0.286280378	1.19E-09
CTB-51J22. 1	IGSF1	-0.271247911	8.81E-09
CTB-51J22. 1	B3GNT3	-0.602379176	0
CTB-51J22. 1	CLDN1	-0.507158946	0
CTB-51J22. 1	GDF15	-0.547946057	0
CTB-51J22. 1	ARHGAP36	-0.207332585	1.19E-05
CTB-51J22. 1	LAMB3	-0.492778079	0
CTB-51J22. 1	KLK10	-0.452840856	0
CTB-51J22. 1	DPP4	-0.473194626	0
CTB-51J22. 1	METTL7B	-0.387393516	0
CTB-51J22. 1	LIPH	-0.531207715	0
CTB-51J22. 1	CLDN16	-0.546428541	0
CTB-51J22. 1	CHI3L1	-0.412890158	0
CTB-51J22. 1	SLC22A31	-0.440374663	2.99E-22
CTB-51J22. 1	TACSTD2	-0.559082257	0
CTB-51J22. 1	SFTPB	-0.439780351	0
CTB-51J22. 1	RXRG	-0.268534425	1.25E-08
CTB-51J22. 1	DCSTAMP	-0.530978598	2.66E-33
CTB-51J22. 1	CITED1	-0.291853301	5.50E-10
CTB-51J22. 1	SERPINA1	-0.519596076	0
CTB-51J22. 1	PRR15	-0.342518375	2.15E-13
CTB-51J22. 1	SLC34A2	-0.588864225	0
CTB-51J22. 1	FN1	-0.609749884	0
CTB-51J22. 1	ZCCHC12	-0.249380455	1.32E-07
RP11-701H24. 3	TFF3	0.30958738	3.32E-11
RP11-701H24. 3	CCL21	0.181958305	0.000126266
RP11-701H24. 3	TPO	0.361047528	5.80E-15
RP11-701H24. 3	MT1G	0.264729636	1.78E-08
RP11-701H24. 3	DI01	0.343169307	1.41E-13
RP11-701H24. 3	DPT	0.1765145	0.000201545
RP11-701H24. 3	CDH16	0.355757123	1.52E-14
RP11-701H24. 3	CRABP1	0.350419592	3.96E-14
RP11-701H24. 3	SLC26A7	0.576224875	3.37E-40
RP11-701H24. 3	MT1H	0.236428503	5.42E-07
RP11-701H24. 3	SLC26A4	0.45262109	1.47E-23
RP11-701H24. 3	SLC5A8	0.420364045	3.18E-20
RP11-701H24. 3	PKHD1L1	0.471334974	1.16E-25
RP11-701H24. 3	TFCP2L1	0.529144676	4.82E-33
RP11-701H24. 3	WSCD2	0.43474948	1.15E-21
RP11-701H24. 3	IPCEF1	0.454148967	1.00E-23
RP11-701H24. 3	SLC5A5	0.279768747	2.45E-09
RP11-701H24. 3	MT1F	0.213974988	6.10E-06
RP11-701H24. 3	FOSB	0.376668685	3.02E-16
RP11-701H24. 3	SEMA3D	0.497726146	7.40E-29
RP11-701H24. 3	BMP8A	0.479397076	1.31E-26
RP11-701H24. 3	MATN2	0.525116201	1.76E-32
RP11-701H24. 3	PLA2R1	0.528662711	5.63E-33
RP11-701H24. 3	COL23A1	0.344656476	1.09E-13
RP11-701H24. 3	HGD	0.337783019	3.54E-13
RP11-701H24. 3	TCEAL2	0.281615844	1.91E-09
RP11-701H24. 3	CHRD1	0.337746863	3.56E-13

RP11-701H24.3	TNFRSF11B	0.477167245	2.41E-26
RP11-701H24.3	FAM167A	0.435494751	9.61E-22
RP11-701H24.3	KIT	0.497585354	7.71E-29
RP11-701H24.3	SLC4A4	0.561876995	6.76E-38
RP11-701H24.3	SMOC2	0.29514376	2.84E-10
RP11-701H24.3	FHL1	0.481194302	8.00E-27
RP11-701H24.3	OTOS	0.124932237	0.00878185
RP11-701H24.3	IGFBPL1	0.524874158	1.90E-32
RP11-701H24.3	HBB	0.237166593	4.98E-07
RP11-701H24.3	BEX1	0.282914368	1.59E-09
RP11-701H24.3	FABP4	0.341278092	1.95E-13
RP11-701H24.3	LMOD1	0.421875634	2.26E-20
RP11-701H24.3	SOD3	0.186955467	8.12E-05
RP11-701H24.3	TMEM171	0.353603884	2.24E-14
RP11-701H24.3	PI16	0.222231788	2.58E-06
RP11-701H24.3	ZMAT4	0.346477767	7.93E-14
RP11-701H24.3	MFAP4	0.197061406	3.21E-05
RP11-701H24.3	CWH43	0.381706775	1.12E-16
RP11-701H24.3	SPX	0.494383651	1.95E-28
RP11-701H24.3	APOD	0.117247185	0.013968176
RP11-701H24.3	DPP6	0.427849981	5.75E-21
RP11-701H24.3	MMRN1	0.419198447	4.13E-20
RP11-701H24.3	WDR72	0.576802013	2.71E-40
RP11-701H24.3	MPPED2	0.448429502	4.19E-23
RP11-701H24.3	PAPSS2	0.403541688	1.27E-18
RP11-701H24.3	DCN	0.14362333	0.002558667
RP11-701H24.3	SORBS2	0.516151063	2.93E-31
RP11-701H24.3	EGR2	0.48786876	1.25E-27
RP11-701H24.3	EDN3	0.381789443	1.11E-16
RP11-701H24.3	DIO2	0.488527313	1.03E-27
RP11-701H24.3	ITPR1	0.518267424	1.52E-31
RP11-701H24.3	CFD	0.01468829	0.758924838
RP11-701H24.3	CPXM1	0.237412539	4.85E-07
RP11-701H24.3	ELMO1	0.3665514	2.09E-15
RP11-701H24.3	GPC3	0.320202953	6.35E-12
RP11-701H24.3	MYOC	0.329557143	1.40E-12
RP11-701H24.3	DEPTOR	0.467964955	2.84E-25
RP11-701H24.3	DGKI	0.520770292	6.95E-32
RP11-701H24.3	CARTPT	0.299959965	1.41E-10
RP11-701H24.3	IYD	0.490946923	5.21E-28
RP11-701H24.3	LYVE1	0.332074618	9.23E-13
RP11-701H24.3	CLCNKB	0.345457859	9.47E-14
RP11-701H24.3	NCAM1	0.299404423	1.53E-10
RP11-701H24.3	HBA2	0.094127776	0.048729503
RP11-701H24.3	GLT8D2	0.314587018	1.54E-11
RP11-701H24.3	OGDHL	0.323602366	3.69E-12
RP11-701H24.3	LIFR	0.603568921	6.46E-45
RP11-701H24.3	CSGALNACT1	0.548867638	6.66E-36
RP11-701H24.3	RAP1GAP	0.430226472	3.31E-21
RP11-701H24.3	COL9A3	0.257703846	4.33E-08
RP11-701H24.3	FBLN1	0.091369741	0.055754

RP11-701H24.3	EFEMP1	0.399853765	2.77E-18
RP11-701H24.3	AOX1	0.35760677	1.09E-14
RP11-701H24.3	GRIN2C	0.340020368	2.42E-13
RP11-701H24.3	C11orf74	0.213387355	6.47E-06
RP11-701H24.3	PPARGC1A	0.461304397	1.62E-24
RP11-701H24.3	ANGPTL1	0.515096074	4.06E-31
RP11-701H24.3	SCARA5	0.239886038	3.65E-07
RP11-701H24.3	LTF	0.249680369	1.15E-07
RP11-701H24.3	CA4	0.385545028	5.24E-17
RP11-701H24.3	TG	0.535506666	6.04E-34
RP11-701H24.3	FCGBP	0.351241009	3.42E-14
RP11-701H24.3	PBX4	0.26271015	2.31E-08
RP11-701H24.3	CYR61	0.341535762	1.87E-13
RP11-701H24.3	FOS	0.358443671	9.35E-15
RP11-701H24.3	KHDRBS2	0.416825927	7.02E-20
RP11-701H24.3	MUM1L1	0.354892764	1.78E-14
RP11-701H24.3	RGS16	0.339631449	2.59E-13
RP11-701H24.3	MT1M	0.207273014	1.20E-05
RP11-701H24.3	LRP2	0.593343271	4.24E-43
RP11-701H24.3	MAFB	0.359135981	8.24E-15
RP11-701H24.3	KCNK2	0.467329522	3.36E-25
RP11-701H24.3	TBC1D4	0.54322973	4.57E-35
RP11-701H24.3	MIOX	0.268809041	1.05E-08
RP11-701H24.3	TPPP	0.515023311	4.15E-31
RP11-701H24.3	FMOD	0.370750506	9.43E-16
RP11-701H24.3	CITED2	0.51233577	9.48E-31
RP11-701H24.3	RGS8	0.413949485	1.33E-19
RP11-701H24.3	ABI3BP	0.444185433	1.19E-22
RP11-701H24.3	ADH1B	0.244669869	2.09E-07
RP11-701H24.3	OGN	0.216253029	4.82E-06
RP11-701H24.3	NR4A1	0.332398292	8.75E-13
RP11-701H24.3	FOXJ1	0.352559545	2.71E-14
RP11-701H24.3	ALDH1A1	0.384054318	7.05E-17
RP11-701H24.3	OCA2	0.373959422	5.10E-16
RP11-701H24.3	TMEM139	0.247152111	1.56E-07
RP11-701H24.3	ARHGAP24	0.374146243	4.92E-16
RP11-701H24.3	SLC25A15	0.6057206	2.63E-45
RP11-701H24.3	DES	0.196355983	3.43E-05
RP11-701H24.3	GDF10	0.300810249	1.24E-10
RP11-701H24.3	KIAA1324	0.305557202	6.11E-11
RP11-701H24.3	JUN	0.384208921	6.84E-17
RP11-701H24.3	C7	0.110190899	0.020931978
RP11-701H24.3	LGI3	0.299141598	1.59E-10
RP11-701H24.3	CDON	0.539696552	1.50E-34
RP11-701H24.3	BCL2	0.559994241	1.33E-37
RP11-701H24.3	HLF	0.471304808	1.17E-25
RP11-701H24.3	EGR1	0.483056915	4.78E-27
RP11-701H24.3	IP6K3	0.407807458	5.08E-19
RP11-701H24.3	SCUBE3	0.417162366	6.51E-20
RP11-701H24.3	PKNOX2	0.375609441	3.71E-16
RP11-701H24.3	SMAD9	0.58251467	3.03E-41

RP11-701H24.3	IQGAP2	0.514922039	4.29E-31
RP11-701H24.3	GNA14	0.407276276	5.70E-19
RP11-701H24.3	LAYN	0.333475975	7.31E-13
RP11-701H24.3	AVPR1A	0.490353757	6.16E-28
RP11-701H24.3	PDLIM3	0.253175109	7.56E-08
RP11-701H24.3	GPM6A	0.521508274	5.51E-32
RP11-701H24.3	SDPR	0.532692605	1.52E-33
RP11-701H24.3	CRYAB	0.182514811	0.00012028
RP11-701H24.3	FOXA2	0.288454981	7.37E-10
RP11-701H24.3	C8orf88	0.558810889	2.03E-37
RP11-701H24.3	ISM1	0.362538952	4.41E-15
RP11-701H24.3	BMP2	0.363417495	3.74E-15
RP11-701H24.3	ID4	0.436967452	6.77E-22
RP11-701H24.3	NUPR1	0.043616522	0.361928769
RP11-701H24.3	SERTM1	0.385764138	5.01E-17
RP11-701H24.3	IRS1	0.599190107	3.95E-44
RP11-701H24.3	FIBIN	0.244970505	2.02E-07
RP11-701H24.3	PODN	0.164315612	0.000547238
RP11-701H24.3	TDRD9	0.361833593	5.02E-15
RP11-701H24.3	EPHA3	0.392422603	1.30E-17
RP11-701H24.3	AIF1L	0.511185182	1.35E-30
RP11-701H24.3	EBF4	0.289598897	6.27E-10
RP11-701H24.3	ADM2	0.300641674	1.27E-10
RP11-701H24.3	GSTM3	0.31025884	2.99E-11
RP11-701H24.3	HSD17B6	0.353896637	2.13E-14
RP11-701H24.3	AGR3	0.347297024	6.87E-14
RP11-701H24.3	EPHB1	0.513283529	7.09E-31
RP11-701H24.3	TMOD1	0.309088537	3.58E-11
RP11-701H24.3	WASF3	0.652797111	1.16E-54
RP11-701H24.3	SELV	0.276237422	3.95E-09
RP11-701H24.3	ENPP1	0.361727499	5.12E-15
RP11-701H24.3	SYNE1	0.567823846	7.75E-39
RP11-701H24.3	PLCH1	0.439737685	3.49E-22
RP11-701H24.3	CCDC146	0.499483143	4.43E-29
RP11-701H24.3	SLC16A2	0.452002111	1.72E-23
RP11-701H24.3	IER2	0.199351376	2.58E-05
RP11-701H24.3	KCNAB1	0.37246348	6.80E-16
RP11-701H24.3	SYNDIG1	0.276939312	3.60E-09
RP11-701H24.3	C16orf89	0.210886897	8.34E-06
RP11-701H24.3	CTGF	0.375857374	3.54E-16
RP11-701H24.3	NR4A3	0.253985428	6.85E-08
RP11-701H24.3	KIAA1456	0.545107236	2.42E-35
RP11-701H24.3	AQP4	0.42356095	1.54E-20
RP11-701H24.3	RNF150	0.523736687	2.72E-32
RP11-701H24.3	C1S	0.023223943	0.627482162
RP11-701H24.3	PFKFB2	0.593766373	3.58E-43
RP11-701H24.3	PROX1	0.573969939	7.89E-40
RP11-701H24.3	TCF7L1	0.373193519	5.91E-16
RP11-701H24.3	HSPB6	0.193201292	4.60E-05
RP11-701H24.3	FHDC1	0.521070988	6.32E-32
RP11-701H24.3	PRR15L	0.242923928	2.57E-07

RP11-701H24.3	SLC1A1	0.395058657	7.54E-18
RP11-701H24.3	BTBD11	0.417938928	5.48E-20
RP11-701H24.3	TRIM58	0.631568541	3.04E-50
RP11-701H24.3	LRIG1	0.540376664	1.20E-34
RP11-701H24.3	ROR2	0.322048676	4.73E-12
RP11-701H24.3	GPR125	0.583205561	2.32E-41
RP11-701H24.3	FLRT1	0.385144199	5.67E-17
RP11-701H24.3	PGF	0.202678038	1.88E-05
RP11-701H24.3	DUSP1	0.361523252	5.32E-15
RP11-701H24.3	PLA2G7	0.368475429	1.45E-15
RP11-701H24.3	PLSCR4	0.584173036	1.59E-41
RP11-701H24.3	FAM46B	0.163544724	0.000581581
RP11-701H24.3	GLDC	0.306472907	5.32E-11
RP11-701H24.3	ZBTB16	0.605355509	3.06E-45
RP11-701H24.3	OMD	0.181146924	0.000135497
RP11-701H24.3	HSD11B2	0.271105384	7.81E-09
RP11-701H24.3	FGL2	0.183860993	0.000106883
RP11-701H24.3	CLCNKA	0.276133825	4.01E-09
RP11-701H24.3	GATM	0.426667054	7.56E-21
RP11-701H24.3	TNS3	0.602458757	1.03E-44
RP11-701H24.3	TOB1	0.411523039	2.26E-19
RP11-701H24.3	MARC2	0.438841838	4.33E-22
RP11-701H24.3	LRRC2	0.558952443	1.93E-37
RP11-701H24.3	SORD	0.503137025	1.51E-29
RP11-701H24.3	RIMS4	0.426925766	7.12E-21
RP11-701H24.3	SLC29A4	0.313690462	1.76E-11
RP11-701H24.3	SLC39A14	0.592980592	4.90E-43
RP11-701H24.3	FAXDC2	0.476338204	3.02E-26
RP11-701H24.3	HSPB8	0.149593848	0.001671649
RP11-701H24.3	CCL19	-0.104655731	0.028339578
RP11-701H24.3	KCNIP3	0.312740149	2.04E-11
RP11-701H24.3	CGNL1	0.530234557	3.39E-33
RP11-701H24.3	ATF3	0.208043618	1.11E-05
RP11-701H24.3	SGCD	0.367348102	1.80E-15
RP11-701H24.3	STARD13	0.656041082	2.27E-55
RP11-701H24.3	LDHD	0.232098589	8.81E-07
RP11-701H24.3	RCAN1	0.373729382	5.33E-16
RP11-701H24.3	ID3	0.155146795	0.001109471
RP11-701H24.3	SYTL3	0.429294315	4.12E-21
RP11-701H24.3	MT1E	0.034235516	0.474313526
RP11-701H24.3	CAMK1D	0.482057952	6.30E-27
RP11-701H24.3	PRKCQ	0.496624971	1.02E-28
RP11-701H24.3	NUAK2	0.32958026	1.39E-12
RP11-701H24.3	LIPG	0.554975597	7.91E-37
RP11-701H24.3	SLC25A25	0.52353471	2.90E-32
RP11-701H24.3	PRKX	0.550006879	4.49E-36
RP11-701H24.3	SRPX	0.175764612	0.000214727
RP11-701H24.3	FAM189A1	0.398636798	3.58E-18
RP11-701H24.3	PLEKHH1	0.655500964	2.99E-55
RP11-701H24.3	WNT11	0.236893271	5.14E-07
RP11-701H24.3	SNAI1	0.292853789	3.95E-10

RP11-701H24.3	FDCSP	-0.022819879	0.633484285
RP11-701H24.3	MT1X	0.063531107	0.183956252
RP11-701H24.3	ACACB	0.59479569	2.36E-43
RP11-701H24.3	ARC	0.257008699	4.72E-08
RP11-701H24.3	KLK4	0.191108407	5.58E-05
RP11-701H24.3	ZFPM2	0.481714705	6.93E-27
RP11-701H24.3	AKAP12	0.616999678	2.10E-47
RP11-701H24.3	GJB6	0.377654653	2.49E-16
RP11-701H24.3	ERO1LB	0.54736969	1.11E-35
RP11-701H24.3	DNALI1	0.291550017	4.75E-10
RP11-701H24.3	HKDC1	0.28953195	6.33E-10
RP11-701H24.3	ZFP36L2	0.483720858	3.98E-27
RP11-701H24.3	CAPSL	0.215677167	5.12E-06
RP11-701H24.3	CYP7B1	0.676311113	5.43E-60
RP11-701H24.3	CPQ	0.452501238	1.52E-23
RP11-701H24.3	RPS6KA6	0.583897325	1.77E-41
RP11-701H24.3	TLE1	0.373461592	5.61E-16
RP11-701H24.3	TP53INP2	0.493256325	2.69E-28
RP11-701H24.3	KATNAL2	0.432262127	2.06E-21
RP11-701H24.3	SGPP2	0.451450362	1.97E-23
RP11-701H24.3	CTH	0.463936479	8.16E-25
RP11-701H24.3	KIF12	0.200816276	2.25E-05
RP11-701H24.3	TMEM220	0.455970589	6.33E-24
RP11-701H24.3	CENPJ	0.478228759	1.81E-26
RP11-701H24.3	FAM155B	0.22703484	1.54E-06
RP11-701H24.3	WFS1	0.316630474	1.12E-11
RP11-701H24.3	SELENBP1	0.244616903	2.11E-07
RP11-701H24.3	SNTA1	0.165765619	0.000487687
RP11-701H24.3	FRAS1	0.555780384	5.96E-37
RP11-701H24.3	FBLN7	0.285240933	1.16E-09
RP11-701H24.3	AGPAT9	0.561496303	7.76E-38
RP11-701H24.3	GPR83	0.400631462	2.35E-18
RP11-701H24.3	PRTG	0.693885943	2.60E-64
RP11-701H24.3	EGR3	0.307517542	4.55E-11
RP11-701H24.3	GRAMD2	0.383647528	7.65E-17
RP11-701H24.3	HYOU1	0.524643172	2.04E-32
RP11-701H24.3	FBLN5	0.260101471	3.21E-08
RP11-701H24.3	ITM2A	0.436820367	7.01E-22
RP11-701H24.3	SRF	0.353232553	2.40E-14
RP11-701H24.3	FGFR2	0.631245009	3.53E-50
RP11-701H24.3	MT1A	0.046526892	0.330755109
RP11-701H24.3	MAMDC2	0.433212157	1.65E-21
RP11-701H24.3	FHL2	0.129800108	0.006461565
RP11-701H24.3	FTCDNL1	0.403548496	1.27E-18
RP11-701H24.3	PKIA	0.443527873	1.39E-22
RP11-701H24.3	DNAJB4	0.655677268	2.73E-55
RP11-701H24.3	SLC25A33	0.242003969	2.86E-07
RP11-701H24.3	EYA2	0.290518857	5.50E-10
RP11-701H24.3	LPAR1	0.288810563	7.01E-10
RP11-701H24.3	STX11	0.309473059	3.38E-11
RP11-701H24.3	ARHGEF28	0.499117202	4.93E-29

RP11-701H24.3	OR2W3	0.38230631	9.99E-17
RP11-701H24.3	ALDH1B1	0.330507252	1.20E-12
RP11-701H24.3	CXCL12	0.173958734	0.000249854
RP11-701H24.3	OLFM2	0.187252475	7.91E-05
RP11-701H24.3	TUB	0.691715825	9.24E-64
RP11-701H24.3	HTRA3	0.138549794	0.003629297
RP11-701H24.3	CKB	-0.0170662	0.721403948
RP11-701H24.3	RGS2	0.050461469	0.291451422
RP11-701H24.3	SHANK2	0.65941143	4.10E-56
RP11-701H24.3	CNTFR	0.293479569	3.61E-10
RP11-701H24.3	CYTH3	0.551543407	2.63E-36
RP11-701H24.3	PLAC9	-0.004957513	0.917505907
RP11-701H24.3	WVOX	0.412548526	1.81E-19
RP11-701H24.3	NPR3	0.461077882	1.71E-24
RP11-701H24.3	SDC2	0.552720519	1.75E-36
RP11-701H24.3	KLF15	0.385841899	4.93E-17
RP11-701H24.3	TMEM164	0.530337106	3.28E-33
RP11-701H24.3	LONRF3	0.692825989	4.84E-64
RP11-701H24.3	GBP1	0.140284753	0.003224433
RP11-701H24.3	ARHGAP6	0.563515363	3.74E-38
RP11-701H24.3	TMEM119	0.067645252	0.157096187
RP11-701H24.3	SH3RF1	0.738031377	1.13E-76
RP11-701H24.3	CRELD2	0.086536053	0.070084929
RP11-701H24.3	PCP4	0.034771095	0.46742325
RP11-701H24.3	GCSH	0.322143423	4.66E-12
RP11-701H24.3	IMPA2	0.427722469	5.93E-21
RP11-701H24.3	C1R	-0.082319643	0.084925518
RP11-701H24.3	SUCNR1	0.344821575	1.06E-13
RP11-701H24.3	SFRP1	0.322316891	4.53E-12
RP11-701H24.3	UGT8	0.418043887	5.35E-20
RP11-701H24.3	TLE4	0.379704864	1.67E-16
RP11-701H24.3	ANTXR1	0.521612667	5.33E-32
RP11-701H24.3	GPX3	0.253173407	7.56E-08
RP11-701H24.3	DPY19L2	0.414352702	1.22E-19
RP11-701H24.3	FAM46C	0.361522543	5.32E-15
RP11-701H24.3	IL33	0.238207123	4.43E-07
RP11-701H24.3	PEG3	0.711149297	7.23E-69
RP11-701H24.3	FAHD2A	0.238499442	4.28E-07
RP11-701H24.3	PTGDS	-0.044393367	0.353433543
RP11-701H24.3	CHCHD10	-0.091059968	0.05659303
RP11-701H24.3	CD36	0.404382928	1.06E-18
RP11-701H24.3	ANKRD37	0.174962519	0.000229716
RP11-701H24.3	TSPAN33	0.100920527	0.034524604
RP11-701H24.3	PRDM16	0.619491342	7.03E-48
RP11-701H24.3	UST	0.449201099	3.46E-23
RP11-701H24.3	NEXN	0.455032474	8.02E-24
RP11-701H24.3	NUPR1L	0.058216893	0.223477045
RP11-701H24.3	SLC24A3	0.353677498	2.22E-14
RP11-701H24.3	MARC1	0.423777111	1.47E-20
RP11-701H24.3	MYH11	0.333832413	6.89E-13
RP11-701H24.3	APOA1	0.141504421	0.002964853

RP11-701H24.3	TMEM178B	0.440491695	2.91E-22
RP11-701H24.3	CAPN6	0.271497758	7.42E-09
RP11-701H24.3	PPM1L	0.579127301	1.12E-40
RP11-701H24.3	FZD8	0.373840725	5.22E-16
RP11-701H24.3	RCAN2	0.363605572	3.62E-15
RP11-701H24.3	COPZ2	0.113926196	0.016940674
RP11-701H24.3	GAS1	0.26469134	1.79E-08
RP11-701H24.3	DACT1	0.367798579	1.65E-15
RP11-701H24.3	WBSCR17	0.397352882	4.68E-18
RP11-701H24.3	NCS1	0.389585422	2.32E-17
RP11-701H24.3	SPIRE2	0.217443488	4.26E-06
RP11-701H24.3	C15orf52	0.352582369	2.70E-14
RP11-701H24.3	SPAG5	0.2100875	9.04E-06
RP11-701H24.3	ARL4D	0.064290223	0.178760735
RP11-701H24.3	FAM189A2	0.451132362	2.14E-23
RP11-701H24.3	MAP1LC3A	0.039890445	0.404423812
RP11-701H24.3	KLF6	0.333593133	7.17E-13
RP11-701H24.3	ADD3	0.662451864	8.59E-57
RP11-701H24.3	TSPAN7	0.303423963	8.41E-11
RP11-701H24.3	KLF9	0.484645498	3.07E-27
RP11-701H24.3	KCNQ1	0.313206511	1.90E-11
RP11-701H24.3	MAN1A1	0.340435811	2.25E-13
RP11-701H24.3	MLF1	0.367129672	1.87E-15
RP11-701H24.3	RARB	0.531280469	2.41E-33
RP11-701H24.3	CDC42EP2	0.035746939	0.455012309
RP11-701H24.3	FAM3B	0.202441453	1.92E-05
RP11-701H24.3	GADD45B	0.073912495	0.122022692
RP11-701H24.3	TMEM47	0.494204368	2.05E-28
RP11-701H24.3	SDF2L1	-0.03679824	0.441851151
RP11-701H24.3	CCDC85A	0.719011221	4.69E-71
RP11-701H24.3	CRYBG3	0.759136265	1.64E-83
RP11-701H24.3	FBLN2	0.129883225	0.006427243
RP11-701H24.3	PEBP4	0.000321688	0.994637542
RP11-701H24.3	CDADC1	0.435709777	9.13E-22
RP11-701H24.3	FAM63A	0.579932088	8.20E-41
RP11-701H24.3	GLUL	0.483363285	4.39E-27
RP11-701H24.3	FREM2	0.551584682	2.60E-36
RP11-701H24.3	ACKR3	0.384603798	6.32E-17
RP11-701H24.3	DENND6A	0.627082923	2.36E-49
RP11-701H24.3	CLDN8	0.287223682	8.76E-10
RP11-701H24.3	UTS2R	0.42377654	1.47E-20
RP11-701H24.3	SCNN1B	0.270778732	8.15E-09
RP11-701H24.3	TTC30A	0.586098625	7.51E-42
RP11-701H24.3	CORO2B	0.404834539	9.63E-19
RP11-701H24.3	TC2N	0.434943995	1.09E-21
RP11-701H24.3	ALDH2	0.110369189	0.020724373
RP11-701H24.3	GPR183	0.054238041	0.256791202
RP11-701H24.3	C4orf47	0.242298849	2.76E-07
RP11-701H24.3	SLC25A42	0.321143893	5.46E-12
RP11-701H24.3	LGMN	0.350959603	3.60E-14
RP11-701H24.3	ACSF2	0.171716846	0.000300937

RP11-701H24.3	KIAA1467	0.57815245	1.62E-40
RP11-701H24.3	PRKG1	0.475817943	3.48E-26
RP11-701H24.3	GNAI1	0.451312212	2.04E-23
RP11-701H24.3	ABCC4	0.433434133	1.56E-21
RP11-701H24.3	PRPS1	0.440279364	3.06E-22
RP11-701H24.3	TSPAN5	0.301649573	1.10E-10
RP11-701H24.3	CR2	0.130345918	0.00623915
RP11-701H24.3	CCDC170	0.515642858	3.43E-31
RP11-701H24.3	RRAD	-0.128847242	0.006866943
RP11-701H24.3	SCGB2A1	0.061297872	0.199885813
RP11-701H24.3	SESN3	0.466910959	3.75E-25
RP11-701H24.3	SGK223	0.349473002	4.68E-14
RP11-701H24.3	NDRG2	0.355151759	1.70E-14
RP11-701H24.3	C3orf52	0.327725164	1.89E-12
RP11-701H24.3	FLRT3	0.062195847	0.193363965
RP11-701H24.3	MST1R	-0.267182861	1.30E-08
RP11-701H24.3	SDC1	-0.34659327	7.77E-14
RP11-701H24.3	ST8SIA4	-0.221791382	2.70E-06
RP11-701H24.3	UBTD1	-0.633297685	1.37E-50
RP11-701H24.3	EPHA2	-0.061813736	0.19611988
RP11-701H24.3	TMEM130	-0.14040333	0.00319832
RP11-701H24.3	SPINK2	-0.515265003	3.86E-31
RP11-701H24.3	MMP16	-0.114908706	0.016008401
RP11-701H24.3	SIGLEC15	-0.24884154	1.28E-07
RP11-701H24.3	RIN1	-0.536895966	3.82E-34
RP11-701H24.3	IL1RN	-0.319638569	6.94E-12
RP11-701H24.3	FCER1G	-0.411705585	2.18E-19
RP11-701H24.3	CD276	-0.378672995	2.04E-16
RP11-701H24.3	CTSB	-0.312873051	2.00E-11
RP11-701H24.3	FAM171A2	-0.094908025	0.046882255
RP11-701H24.3	ASPHD1	-0.467782551	2.98E-25
RP11-701H24.3	C15orf48	-0.434175802	1.31E-21
RP11-701H24.3	DYSF	-0.076804566	0.108049822
RP11-701H24.3	PDZRN4	-0.013608054	0.776164662
RP11-701H24.3	EFHD2	-0.368714851	1.39E-15
RP11-701H24.3	ASF1B	-0.427118524	6.81E-21
RP11-701H24.3	AQP1	-0.189102465	6.70E-05
RP11-701H24.3	ARRDC2	-0.4138462	1.36E-19
RP11-701H24.3	PRSS1	-0.275115791	4.59E-09
RP11-701H24.3	MAPK13	-0.190151355	6.09E-05
RP11-701H24.3	CST5	-0.411929999	2.07E-19
RP11-701H24.3	AHR	-0.021590966	0.651885934
RP11-701H24.3	BAX	-0.716727491	2.06E-70
RP11-701H24.3	C1orf115	-0.03421807	0.474538902
RP11-701H24.3	PLK3	-0.338369235	3.21E-13
RP11-701H24.3	JAG2	-0.283083864	1.56E-09
RP11-701H24.3	RAD23B	-0.023240822	0.62723197
RP11-701H24.3	CA12	0.012686818	0.790954654
RP11-701H24.3	ADTRP	-0.133634408	0.005038561
RP11-701H24.3	UCP2	-0.380900698	1.32E-16
RP11-701H24.3	IGFBP2	-0.29279053	3.98E-10

RP11-701H24.3	LOXL2	-0.258190491	4.07E-08
RP11-701H24.3	GPX1	-0.749337405	2.99E-80
RP11-701H24.3	P3H3	-0.594476839	2.69E-43
RP11-701H24.3	C2orf81	-0.389475356	2.37E-17
RP11-701H24.3	CDT1	-0.487757276	1.28E-27
RP11-701H24.3	SNX25	-0.012270099	0.797669949
RP11-701H24.3	MTHFD1L	-0.243859632	2.30E-07
RP11-701H24.3	CDC42BPG	-0.109671494	0.021547112
RP11-701H24.3	MSN	-0.002735624	0.954422215
RP11-701H24.3	SIGLEC6	-0.161216573	0.000697817
RP11-701H24.3	F2R	0.022078036	0.64456647
RP11-701H24.3	TMEM184A	-0.377784948	2.43E-16
RP11-701H24.3	CKS2	-0.506897569	4.92E-30
RP11-701H24.3	TAX1BP3	-0.71016934	1.34E-68
RP11-701H24.3	PMEPA1	-0.383132515	8.48E-17
RP11-701H24.3	CXCL16	-0.397843357	4.23E-18
RP11-701H24.3	FAXC	-0.27704257	3.55E-09
RP11-701H24.3	VTCN1	-0.289526196	6.34E-10
RP11-701H24.3	SH2D4A	-0.129786066	0.00646738
RP11-701H24.3	RNF24	-0.001153708	0.980769686
RP11-701H24.3	LY6G6C	-0.29797523	1.88E-10
RP11-701H24.3	NID1	-0.01515905	0.751448483
RP11-701H24.3	STAC	-0.293727935	3.48E-10
RP11-701H24.3	RAB34	-0.5681614	6.85E-39
RP11-701H24.3	HES4	-0.472909418	7.62E-26
RP11-701H24.3	EPHA10	-0.271749469	7.17E-09
RP11-701H24.3	ENTPD2	-0.278795684	2.80E-09
RP11-701H24.3	DDB2	-0.484174597	3.50E-27
RP11-701H24.3	NKAIN4	-0.365055154	2.76E-15
RP11-701H24.3	TRIM29	-0.2020592	1.99E-05
RP11-701H24.3	ADCY8	-0.296786601	2.24E-10
RP11-701H24.3	SFTA2	-0.405003893	9.29E-19
RP11-701H24.3	NRIP1	0.089180618	0.061910611
RP11-701H24.3	VWA1	-0.38361533	7.70E-17
RP11-701H24.3	APLNR	-0.148308656	0.001834468
RP11-701H24.3	REN	-0.425304295	1.03E-20
RP11-701H24.3	EDIL3	-0.100716281	0.034893633
RP11-701H24.3	AGRN	-0.061475027	0.198586647
RP11-701H24.3	TREM1	-0.362302509	4.60E-15
RP11-701H24.3	SRL	-0.133498669	0.005083671
RP11-701H24.3	RASGRF1	-0.247253667	1.54E-07
RP11-701H24.3	RMI2	-0.508888403	2.70E-30
RP11-701H24.3	SAMD1	-0.701641488	2.57E-66
RP11-701H24.3	MGAT4B	-0.335383976	5.31E-13
RP11-701H24.3	NXN	-0.35400103	2.09E-14
RP11-701H24.3	SH3BGRL3	-0.733590012	2.56E-75
RP11-701H24.3	CA11	-0.417382924	6.20E-20
RP11-701H24.3	PLD3	-0.403825931	1.19E-18
RP11-701H24.3	LURAP1L	-0.254285273	6.60E-08
RP11-701H24.3	CARNS1	-0.132479423	0.005434186
RP11-701H24.3	PDLIM7	-0.527054697	9.45E-33

RP11-701H24.3	BCL2L1	-0.474468357	5.01E-26
RP11-701H24.3	GGT6	-0.232755865	8.19E-07
RP11-701H24.3	DPYSL3	-0.178075432	0.0001765
RP11-701H24.3	FYN	-0.302004876	1.04E-10
RP11-701H24.3	TK1	-0.553744162	1.22E-36
RP11-701H24.3	AK1	-0.538405829	2.31E-34
RP11-701H24.3	HIGD1B	-0.27899369	2.72E-09
RP11-701H24.3	TMEM59L	-0.272785168	6.26E-09
RP11-701H24.3	MEGF9	0.130784887	0.006065283
RP11-701H24.3	ZFP36L1	-0.053176953	0.266228021
RP11-701H24.3	ADRA1B	-0.115559458	0.015415953
RP11-701H24.3	EPHA4	-0.006621695	0.88996708
RP11-701H24.3	TCERG1L	-0.027494394	0.565603995
RP11-701H24.3	NGFR	-0.149682213	0.001660956
RP11-701H24.3	EBI3	-0.507701505	3.86E-30
RP11-701H24.3	S100A10	-0.493922395	2.22E-28
RP11-701H24.3	S100B	-0.372034421	7.38E-16
RP11-701H24.3	CD44	-0.073005442	0.126683609
RP11-701H24.3	BHLHE41	-0.014594819	0.760411997
RP11-701H24.3	FBXO2	-0.498531554	5.85E-29
RP11-701H24.3	SLC30A2	-0.252837109	7.88E-08
RP11-701H24.3	FRMD5	-0.342493876	1.58E-13
RP11-701H24.3	SAMD11	-0.183164996	0.000113624
RP11-701H24.3	SIPA1L2	0.026822934	0.575137485
RP11-701H24.3	S100A16	-0.597530889	7.78E-44
RP11-701H24.3	PPL	-0.063296791	0.185582242
RP11-701H24.3	ARHGD1B	-0.400815851	2.26E-18
RP11-701H24.3	CDC42EP3	-0.314089026	1.66E-11
RP11-701H24.3	RUNX2	-0.192520187	4.90E-05
RP11-701H24.3	LAMC2	-0.174726927	0.000234301
RP11-701H24.3	BRINP1	-0.237018372	5.07E-07
RP11-701H24.3	GPRC5B	-0.029439982	0.538415506
RP11-701H24.3	AQP5	-0.16778709	0.00041467
RP11-701H24.3	PLAG1	-0.017683052	0.711774719
RP11-701H24.3	PTPRU	-0.176893356	0.000195178
RP11-701H24.3	ANGPTL4	-0.354676603	1.85E-14
RP11-701H24.3	PALM3	-0.213448912	6.43E-06
RP11-701H24.3	ACP5	-0.43324634	1.63E-21
RP11-701H24.3	DLG4	-0.178806038	0.000165808
RP11-701H24.3	ETNK2	-0.30017829	1.36E-10
RP11-701H24.3	CD109	-0.067942261	0.155278297
RP11-701H24.3	SNX22	-0.195493673	3.72E-05
RP11-701H24.3	TMEM98	-0.217955948	4.04E-06
RP11-701H24.3	CTHRC1	-0.334874211	5.78E-13
RP11-701H24.3	S100A2	-0.421613943	2.40E-20
RP11-701H24.3	C11orf80	-0.519639278	9.91E-32
RP11-701H24.3	SREBF1	-0.353171279	2.43E-14
RP11-701H24.3	PRSS22	-0.394008632	9.37E-18
RP11-701H24.3	CMTM3	-0.589328271	2.10E-42
RP11-701H24.3	RDH5	-0.175278676	0.000223694
RP11-701H24.3	MYH10	0.025321582	0.596723421

RP11-701H24.3	EVPL	-0.225332645	1.85E-06
RP11-701H24.3	SCD	-0.167043435	0.000440259
RP11-701H24.3	CD151	-0.506725236	5.18E-30
RP11-701H24.3	S100A4	-0.46609525	4.64E-25
RP11-701H24.3	BNIP1	-0.245340134	1.93E-07
RP11-701H24.3	MAP3K6	-0.381156573	1.25E-16
RP11-701H24.3	MANEAL	-0.347367563	6.78E-14
RP11-701H24.3	CD207	-0.300710537	1.26E-10
RP11-701H24.3	CD1A	-0.317489369	9.75E-12
RP11-701H24.3	C3	-0.240955504	3.23E-07
RP11-701H24.3	NT5E	-0.1562354	0.001022169
RP11-701H24.3	CACNG4	-0.320941151	5.64E-12
RP11-701H24.3	FHOD1	-0.360212672	6.77E-15
RP11-701H24.3	LEMD1	-0.374330632	4.75E-16
RP11-701H24.3	ATP11A	0.060504148	0.205782543
RP11-701H24.3	PPAP2C	-0.377673464	2.48E-16
RP11-701H24.3	DRAM1	-0.275741067	4.22E-09
RP11-701H24.3	CDA	-0.356017111	1.45E-14
RP11-701H24.3	CCND2	-0.16626815	0.000468495
RP11-701H24.3	LCN6	-0.16394379	0.000563561
RP11-701H24.3	CDH4	-0.227568859	1.45E-06
RP11-701H24.3	MMP11	-0.487628913	1.33E-27
RP11-701H24.3	B3GAT1	-0.088864461	0.062844435
RP11-701H24.3	SPP1	-0.194151605	4.22E-05
RP11-701H24.3	HLA-DQB1	-0.382360492	9.88E-17
RP11-701H24.3	SDC3	-0.287894575	7.97E-10
RP11-701H24.3	CX3CL1	-0.293472486	3.61E-10
RP11-701H24.3	SDK1	-0.156456241	0.00100525
RP11-701H24.3	DOCK9	0.15539033	0.001089364
RP11-701H24.3	CSF2	-0.497288113	8.40E-29
RP11-701H24.3	GRHL3	-0.313029782	1.95E-11
RP11-701H24.3	TMEM92	-0.45343219	1.20E-23
RP11-701H24.3	BASP1	-0.44712885	5.77E-23
RP11-701H24.3	HRH1	-0.273917459	5.39E-09
RP11-701H24.3	ESM1	-0.081514288	0.088029621
RP11-701H24.3	B4GALNT3	-0.151623687	0.00144129
RP11-701H24.3	LMO3	-0.114067325	0.016803907
RP11-701H24.3	C9orf16	-0.740593392	1.81E-77
RP11-701H24.3	SEMA3F	-0.238885808	4.10E-07
RP11-701H24.3	PLA2G12B	-0.220408024	3.13E-06
RP11-701H24.3	KLK6	-0.242050206	2.84E-07
RP11-701H24.3	ST3GAL5	-0.256606447	4.96E-08
RP11-701H24.3	FAM132B	-0.102855194	0.031190906
RP11-701H24.3	CDKN1A	-0.225097336	1.90E-06
RP11-701H24.3	E2F1	-0.453452118	1.20E-23
RP11-701H24.3	B3GNT8	-0.48796365	1.21E-27
RP11-701H24.3	MTMR11	-0.314579643	1.54E-11
RP11-701H24.3	MYO1G	-0.344641299	1.09E-13
RP11-701H24.3	TMSB10	-0.726224237	3.94E-73
RP11-701H24.3	UNC5CL	-0.4024389	1.60E-18
RP11-701H24.3	ABR	-0.237630686	4.73E-07

RP11-701H24.3	PLP2	-0.614943173	5.13E-47
RP11-701H24.3	SRCIN1	-0.269224899	9.99E-09
RP11-701H24.3	PDE9A	-0.468655563	2.37E-25
RP11-701H24.3	TREM2	-0.455734287	6.72E-24
RP11-701H24.3	KDEL3	-0.34385722	1.25E-13
RP11-701H24.3	PC	-0.197450609	3.10E-05
RP11-701H24.3	C2CD4A	-0.311835508	2.35E-11
RP11-701H24.3	PELI1	-0.203464387	1.74E-05
RP11-701H24.3	SSX1	-0.216123546	4.89E-06
RP11-701H24.3	MROH6	-0.433656534	1.48E-21
RP11-701H24.3	ESPN	-0.357212094	1.17E-14
RP11-701H24.3	BMP1	-0.300242117	1.35E-10
RP11-701H24.3	TM4SF4	-0.245052377	2.00E-07
RP11-701H24.3	CORO2A	-0.10740166	0.024422824
RP11-701H24.3	CD164L2	-0.484615445	3.10E-27
RP11-701H24.3	CTSS	-0.270467114	8.49E-09
RP11-701H24.3	CLU	-0.327111857	2.09E-12
RP11-701H24.3	TMSB4X	-0.555700246	6.13E-37
RP11-701H24.3	WNT10A	-0.33180294	9.65E-13
RP11-701H24.3	NAPSA	-0.352941076	2.53E-14
RP11-701H24.3	PLEKHA4	-0.218897609	3.66E-06
RP11-701H24.3	SFTPA1	-0.192568297	4.88E-05
RP11-701H24.3	C1orf116	-0.165671722	0.000491353
RP11-701H24.3	TM4SF1	-0.308207015	4.09E-11
RP11-701H24.3	SEL1L3	-0.106768922	0.025281293
RP11-701H24.3	VASN	-0.464990617	6.20E-25
RP11-701H24.3	NPTXR	-0.208609834	1.05E-05
RP11-701H24.3	PDE4C	-0.345068089	1.01E-13
RP11-701H24.3	CDC42EP1	-0.407965607	4.91E-19
RP11-701H24.3	ENDOD1	-0.117908149	0.013434635
RP11-701H24.3	RYR1	-0.333573843	7.19E-13
RP11-701H24.3	IL1RAP	-0.03398574	0.477545834
RP11-701H24.3	SLC35F2	-0.179866849	0.000151359
RP11-701H24.3	ISYNA1	-0.503786926	1.24E-29
RP11-701H24.3	HLA-G	-0.329577139	1.39E-12
RP11-701H24.3	CDKN2B	-0.295501474	2.70E-10
RP11-701H24.3	ALDH1A3	-0.256038954	5.32E-08
RP11-701H24.3	CLIP3	-0.310063671	3.09E-11
RP11-701H24.3	ULBP2	-0.306837288	5.04E-11
RP11-701H24.3	ETHE1	-0.499045432	5.03E-29
RP11-701H24.3	XPR1	-0.15331028	0.001272472
RP11-701H24.3	SPTBN2	-0.203164684	1.79E-05
RP11-701H24.3	IVL	-0.377190055	2.73E-16
RP11-701H24.3	MARCO	-0.373116785	6.00E-16
RP11-701H24.3	PLXND1	-0.181744207	0.000128643
RP11-701H24.3	EMILIN2	-0.335762966	4.98E-13
RP11-701H24.3	PLAUR	-0.437458353	6.02E-22
RP11-701H24.3	CDC42EP5	-0.558664513	2.14E-37
RP11-701H24.3	TRPC5	0.024595437	0.607293853
RP11-701H24.3	TMEM100	-0.25981737	3.33E-08
RP11-701H24.3	QSOX1	-0.309888218	3.17E-11

RP11-701H24.3	ARHGAP23	-0.136982204	0.004034149
RP11-701H24.3	MDF1	-0.33653811	4.37E-13
RP11-701H24.3	FSTL3	-0.36031749	6.64E-15
RP11-701H24.3	INF2	-0.329003406	1.53E-12
RP11-701H24.3	TGFBR1	-0.101183636	0.034054125
RP11-701H24.3	TGFBI	-0.293539433	3.58E-10
RP11-701H24.3	ERBB3	-0.204375694	1.59E-05
RP11-701H24.3	CCL18	-0.224019653	2.13E-06
RP11-701H24.3	CCL17	-0.392269006	1.34E-17
RP11-701H24.3	C16orf45	-0.246407321	1.70E-07
RP11-701H24.3	PRDM1	-0.046496821	0.331068088
RP11-701H24.3	TRIM47	-0.629729757	7.07E-50
RP11-701H24.3	CNFN	-0.621806843	2.52E-48
RP11-701H24.3	ARMCX3	-0.026101547	0.585463422
RP11-701H24.3	RAMP1	-0.352492018	2.74E-14
RP11-701H24.3	GABRD	-0.244968235	2.02E-07
RP11-701H24.3	COL13A1	-0.278132025	3.06E-09
RP11-701H24.3	S100A5	-0.50177283	2.26E-29
RP11-701H24.3	MISP	-0.378885467	1.96E-16
RP11-701H24.3	HES6	-0.331795907	9.66E-13
RP11-701H24.3	PSD3	0.090389359	0.058445301
RP11-701H24.3	DOK7	-0.3067024	5.14E-11
RP11-701H24.3	ZMAT3	-0.097616701	0.04091895
RP11-701H24.3	MFAP2	-0.332111638	9.17E-13
RP11-701H24.3	TMEM79	-0.419053063	4.27E-20
RP11-701H24.3	SLC1A5	-0.399674057	2.88E-18
RP11-701H24.3	BBC3	-0.587662812	4.06E-42
RP11-701H24.3	HLA-DQB2	-0.439490888	3.70E-22
RP11-701H24.3	C1QL1	-0.232841818	8.11E-07
RP11-701H24.3	TMEM215	-0.076611663	0.108940705
RP11-701H24.3	PNP	-0.285097818	1.18E-09
RP11-701H24.3	ARNTL	-0.114875942	0.01603875
RP11-701H24.3	CLDN2	-0.237724591	4.68E-07
RP11-701H24.3	MVP	-0.566296092	1.36E-38
RP11-701H24.3	LGALS1	-0.618832789	9.39E-48
RP11-701H24.3	BIRC7	-0.397195157	4.84E-18
RP11-701H24.3	COL8A1	-0.09622896	0.043888853
RP11-701H24.3	PERP	-0.308403177	3.97E-11
RP11-701H24.3	GJA4	-0.238750211	4.16E-07
RP11-701H24.3	IGFL2	-0.415974455	8.49E-20
RP11-701H24.3	DAPK2	-0.166894364	0.000445562
RP11-701H24.3	MAMLD1	-0.179196234	0.000160349
RP11-701H24.3	ETV5	-0.077427376	0.10521269
RP11-701H24.3	RUNX1	-0.271960666	6.98E-09
RP11-701H24.3	LONRF2	0.079198078	0.097467548
RP11-701H24.3	SPOCK1	-0.03823378	0.424235403
RP11-701H24.3	XKRX	-0.082529421	0.084131616
RP11-701H24.3	TGFB1	-0.382495521	9.62E-17
RP11-701H24.3	ERP27	-0.124429848	0.009059215
RP11-701H24.3	TNFRSF10C	-0.156876648	0.000973754
RP11-701H24.3	PALM	-0.355693154	1.54E-14

RP11-701H24.3	TSC22D1	-0.128114934	0.007193807
RP11-701H24.3	TGM2	-0.299012809	1.62E-10
RP11-701H24.3	UBE2QL1	-0.194458967	4.10E-05
RP11-701H24.3	ECE1	-0.21479013	5.61E-06
RP11-701H24.3	COL8A2	-0.236620092	5.30E-07
RP11-701H24.3	HIST3H2A	-0.403897985	1.18E-18
RP11-701H24.3	TNFRSF21	-0.16596405	0.000480023
RP11-701H24.3	SOX4	-0.229948187	1.12E-06
RP11-701H24.3	ELF3	-0.337051988	4.01E-13
RP11-701H24.3	TPD52L1	-0.238184137	4.44E-07
RP11-701H24.3	INHBB	-0.108689831	0.022752622
RP11-701H24.3	HPN	-0.382274255	1.01E-16
RP11-701H24.3	MMP7	-0.320042166	6.51E-12
RP11-701H24.3	RAB27A	-0.083054504	0.082170672
RP11-701H24.3	IGF2BP2	-0.131334225	0.005853834
RP11-701H24.3	ITGB4	-0.319347093	7.27E-12
RP11-701H24.3	PPP1R1B	-0.364049099	3.33E-15
RP11-701H24.3	NPDC1	-0.559477952	1.60E-37
RP11-701H24.3	CCL13	-0.38437444	6.62E-17
RP11-701H24.3	SPINT1	-0.474367085	5.15E-26
RP11-701H24.3	HEY2	-0.189288272	6.58E-05
RP11-701H24.3	CST2	-0.380520947	1.42E-16
RP11-701H24.3	ADM	-0.283044717	1.57E-09
RP11-701H24.3	VSTM2L	-0.422104702	2.14E-20
RP11-701H24.3	FAM84A	-0.365842069	2.38E-15
RP11-701H24.3	P4HA2	-0.293456032	3.62E-10
RP11-701H24.3	LPL	-0.175073153	0.000227592
RP11-701H24.3	TMEM173	-0.442085809	1.98E-22
RP11-701H24.3	DHRS3	-0.374604805	4.50E-16
RP11-701H24.3	SCN1B	-0.539092465	1.84E-34
RP11-701H24.3	GLT1D1	-0.124771819	0.008869582
RP11-701H24.3	PHYHIP	-0.404646746	1.00E-18
RP11-701H24.3	BHLHE40	-0.219759415	3.35E-06
RP11-701H24.3	BID	-0.481261108	7.86E-27
RP11-701H24.3	POSTN	-0.199762705	2.49E-05
RP11-701H24.3	ITGA3	-0.313091907	1.94E-11
RP11-701H24.3	RSP04	-0.22877604	1.27E-06
RP11-701H24.3	ADAMTS9	0.005900024	0.901894994
RP11-701H24.3	ABTB2	-0.165042246	0.000516599
RP11-701H24.3	KCNQ3	-0.141488105	0.002968196
RP11-701H24.3	ANXA1	-0.176626702	0.000199639
RP11-701H24.3	S100A11	-0.689644001	3.07E-63
RP11-701H24.3	CEACAM6	-0.300039715	1.39E-10
RP11-701H24.3	IER5L	-0.457135927	4.70E-24
RP11-701H24.3	KRT80	-0.21290922	6.80E-06
RP11-701H24.3	CDH6	-0.329604939	1.39E-12
RP11-701H24.3	UNC5B	-0.186294787	8.62E-05
RP11-701H24.3	PLEKHN1	-0.400752449	2.29E-18
RP11-701H24.3	SYTL1	-0.62190315	2.41E-48
RP11-701H24.3	TMEM163	-0.305175659	6.47E-11
RP11-701H24.3	C4orf48	-0.546261086	1.63E-35

RP11-701H24.3	B3GNT7	-0.235333056	6.13E-07
RP11-701H24.3	BAIAP3	-0.250981163	9.87E-08
RP11-701H24.3	PHLDA2	-0.532780828	1.48E-33
RP11-701H24.3	GAP43	-0.313066693	1.94E-11
RP11-701H24.3	S100A1	-0.511903306	1.08E-30
RP11-701H24.3	PTPRE	-0.14523177	0.00228494
RP11-701H24.3	CCND1	-0.148411346	0.001820943
RP11-701H24.3	ST6GALNAC5	-0.299706183	1.46E-10
RP11-701H24.3	KRT17	-0.293207816	3.75E-10
RP11-701H24.3	HPCAL4	-0.181655417	0.000129641
RP11-701H24.3	GABBR2	-0.160147568	0.000758096
RP11-701H24.3	DIRAS3	-0.227239937	1.50E-06
RP11-701H24.3	SERINC2	-0.492764857	3.10E-28
RP11-701H24.3	PTCHD4	-0.201067754	2.19E-05
RP11-701H24.3	EPS8	0.095157518	0.046304112
RP11-701H24.3	LY6E	-0.494923627	1.67E-28
RP11-701H24.3	UPP1	-0.467917581	2.87E-25
RP11-701H24.3	AHNAK2	-0.247354513	1.52E-07
RP11-701H24.3	PLXNC1	-0.151668225	0.001436579
RP11-701H24.3	TNC	-0.226732725	1.59E-06
RP11-701H24.3	DUSP4	-0.258519129	3.91E-08
RP11-701H24.3	NRCAM	0.042339699	0.376165892
RP11-701H24.3	NRP2	-0.174502256	0.000238753
RP11-701H24.3	CTSC	-0.391681926	1.51E-17
RP11-701H24.3	AMIGO2	-0.181730165	0.0001288
RP11-701H24.3	NAB2	-0.287467927	8.47E-10
RP11-701H24.3	TBC1D2	-0.302632934	9.47E-11
RP11-701H24.3	PHLDA3	-0.657155359	1.29E-55
RP11-701H24.3	PTP4A3	-0.548302982	8.09E-36
RP11-701H24.3	CRABP2	-0.482155395	6.14E-27
RP11-701H24.3	GOS2	-0.410747754	2.68E-19
RP11-701H24.3	S100A6	-0.633650719	1.16E-50
RP11-701H24.3	FOXQ1	-0.184166937	0.000104041
RP11-701H24.3	LRG1	-0.323534852	3.73E-12
RP11-701H24.3	LAMP5	-0.379516929	1.73E-16
RP11-701H24.3	ALDH3B1	-0.39057006	1.90E-17
RP11-701H24.3	CDH2	-0.010845764	0.820732644
RP11-701H24.3	SCG5	-0.330683757	1.16E-12
RP11-701H24.3	ZCCHC16	-0.074374197	0.119702091
RP11-701H24.3	GRB7	-0.345745081	9.01E-14
RP11-701H24.3	TIAM1	-0.095774938	0.044899055
RP11-701H24.3	FXYD5	-0.607366485	1.31E-45
RP11-701H24.3	CLDN9	-0.380382139	1.46E-16
RP11-701H24.3	FAM43A	-0.255479121	5.70E-08
RP11-701H24.3	CHST2	-0.296108256	2.47E-10
RP11-701H24.3	HMGA2	-0.296827657	2.22E-10
RP11-701H24.3	GALNT7	-0.064975299	0.174166057
RP11-701H24.3	CBLN1	-0.301383911	1.14E-10
RP11-701H24.3	STRA6	-0.392272255	1.34E-17
RP11-701H24.3	MUC21	-0.306376836	5.40E-11
RP11-701H24.3	PRR36	-0.358423247	9.39E-15

RP11-701H24.3	NFE2L3	-0.397822082	4.24E-18
RP11-701H24.3	NR1D1	-0.330084493	1.28E-12
RP11-701H24.3	MUC1	-0.40129895	2.04E-18
RP11-701H24.3	NAT8L	-0.157755616	0.000910826
RP11-701H24.3	APOC1	-0.322229519	4.59E-12
RP11-701H24.3	EVA1A	-0.334988107	5.67E-13
RP11-701H24.3	ENTPD1	-0.056616092	0.236489682
RP11-701H24.3	COL1A1	-0.332019301	9.31E-13
RP11-701H24.3	FNDC4	-0.439188773	3.98E-22
RP11-701H24.3	FRMD3	0.017853399	0.709123531
RP11-701H24.3	SHROOM4	-0.023886609	0.617691793
RP11-701H24.3	NELL2	-0.071357855	0.135501643
RP11-701H24.3	EPHB3	-0.392552101	1.26E-17
RP11-701H24.3	TMC6	-0.43430842	1.27E-21
RP11-701H24.3	NOD1	-0.116058443	0.014974789
RP11-701H24.3	GGCT	-0.416197302	8.08E-20
RP11-701H24.3	ICAM1	-0.215851218	5.03E-06
RP11-701H24.3	PRSS23	-0.258570191	3.89E-08
RP11-701H24.3	CFI	-0.307146778	4.81E-11
RP11-701H24.3	CD55	-0.241912483	2.89E-07
RP11-701H24.3	RASD2	-0.204146768	1.63E-05
RP11-701H24.3	KLK11	-0.229161795	1.22E-06
RP11-701H24.3	ICAM5	-0.235846793	5.79E-07
RP11-701H24.3	ADORA1	-0.402005586	1.76E-18
RP11-701H24.3	ITGA2	-0.149527751	0.001679688
RP11-701H24.3	ABCC3	-0.092202896	0.053548486
RP11-701H24.3	MFGE8	-0.349463924	4.69E-14
RP11-701H24.3	STK32A	-0.110427059	0.020657374
RP11-701H24.3	CYSLTR2	-0.089527836	0.060898255
RP11-701H24.3	LAD1	-0.37264248	6.57E-16
RP11-701H24.3	MGAT3	-0.177332344	0.000188035
RP11-701H24.3	IGFBP6	-0.474571473	4.87E-26
RP11-701H24.3	CYP2S1	-0.381867606	1.09E-16
RP11-701H24.3	KCNJ2	-0.292347712	4.24E-10
RP11-701H24.3	FAM20A	-0.408128579	4.74E-19
RP11-701H24.3	TGFA	-0.122424971	0.010245282
RP11-701H24.3	MXRA8	-0.459986724	2.27E-24
RP11-701H24.3	C8orf4	-0.264909344	1.74E-08
RP11-701H24.3	CLDN10	-0.339966554	2.44E-13
RP11-701H24.3	PDE5A	0.009923961	0.835742508
RP11-701H24.3	APOE	-0.27668911	3.72E-09
RP11-701H24.3	SPOCK2	-0.215691367	5.11E-06
RP11-701H24.3	TENM1	-0.091274852	0.056009907
RP11-701H24.3	SLIT1	-0.236843628	5.17E-07
RP11-701H24.3	CXCL14	-0.263215093	2.17E-08
RP11-701H24.3	ECM1	-0.346190593	8.34E-14
RP11-701H24.3	DUSP5	-0.30019375	1.36E-10
RP11-701H24.3	SEZ6L2	-0.408011704	4.86E-19
RP11-701H24.3	THRSP	-0.249687177	1.15E-07
RP11-701H24.3	C19orf33	-0.530492985	3.12E-33
RP11-701H24.3	MPZL2	-0.218555212	3.80E-06

RP11-701H24.3	CTSH	-0.404049609	1.14E-18
RP11-701H24.3	CYP1B1	-0.140307022	0.003219514
RP11-701H24.3	ALOX5	-0.358082411	9.99E-15
RP11-701H24.3	SYTL5	-0.154280172	0.001183829
RP11-701H24.3	TNFRSF12A	-0.370443569	1.00E-15
RP11-701H24.3	DUSP6	-0.219488647	3.44E-06
RP11-701H24.3	ALOX15B	-0.356001509	1.46E-14
RP11-701H24.3	SDC4	-0.253091283	7.64E-08
RP11-701H24.3	MDK	-0.448805372	3.81E-23
RP11-701H24.3	KRT19	-0.480353488	1.01E-26
RP11-701H24.3	MET	-0.110480248	0.020595961
RP11-701H24.3	TESC	-0.288407318	7.42E-10
RP11-701H24.3	CXCL17	-0.375473645	3.81E-16
RP11-701H24.3	NPC2	-0.518470819	1.43E-31
RP11-701H24.3	COMP	-0.351204557	3.45E-14
RP11-701H24.3	TUSC3	-0.2596005	3.42E-08
RP11-701H24.3	TMPRSS4	-0.343698504	1.29E-13
RP11-701H24.3	LGALS3	-0.488974669	9.11E-28
RP11-701H24.3	CRLF1	-0.285983311	1.04E-09
RP11-701H24.3	CTXN1	-0.469528574	1.88E-25
RP11-701H24.3	PCSK1N	-0.405455079	8.43E-19
RP11-701H24.3	NMU	-0.353360399	2.34E-14
RP11-701H24.3	GALE	-0.565547756	1.79E-38
RP11-701H24.3	PCSK2	-0.181507763	0.000131316
RP11-701H24.3	GJB3	-0.337100638	3.98E-13
RP11-701H24.3	SLPI	-0.425675467	9.49E-21
RP11-701H24.3	AGR2	-0.213063114	6.69E-06
RP11-701H24.3	MRC2	-0.329686922	1.37E-12
RP11-701H24.3	GOLT1A	-0.495001496	1.63E-28
RP11-701H24.3	SLC27A6	-0.121902162	0.010576384
RP11-701H24.3	KCNN4	-0.510555848	1.63E-30
RP11-701H24.3	ETV4	-0.324984799	2.95E-12
RP11-701H24.3	SYT12	-0.31102448	2.66E-11
RP11-701H24.3	PVRL4	-0.398677079	3.55E-18
RP11-701H24.3	PLCD3	-0.271085527	7.83E-09
RP11-701H24.3	PLAU	-0.433439948	1.56E-21
RP11-701H24.3	LRRK2	-0.04345511	0.363709761
RP11-701H24.3	SFN	-0.478666186	1.60E-26
RP11-701H24.3	LPAR5	-0.182551406	0.000119896
RP11-701H24.3	NGEF	-0.383970067	7.17E-17
RP11-701H24.3	DTX4	-0.137407859	0.00392036
RP11-701H24.3	CST6	-0.446562492	6.64E-23
RP11-701H24.3	QPCT	-0.301908143	1.05E-10
RP11-701H24.3	TIMP1	-0.538171939	2.50E-34
RP11-701H24.3	CAMK2N1	-0.286277908	1.00E-09
RP11-701H24.3	KLHDC8A	-0.267049108	1.32E-08
RP11-701H24.3	PDLIM4	-0.473105012	7.23E-26
RP11-701H24.3	SCEL	-0.15548366	0.001081748
RP11-701H24.3	LCN2	-0.429749046	3.70E-21
RP11-701H24.3	PROS1	-0.162119254	0.000650407
RP11-701H24.3	GABRB2	-0.109984242	0.021174872

RP11-701H24.3	TMPRSS6	-0.355260691	1.67E-14
RP11-701H24.3	KLK7	-0.214733821	5.64E-06
RP11-701H24.3	PDZK1IP1	-0.494256281	2.02E-28
RP11-701H24.3	CDH3	-0.271967048	6.97E-09
RP11-701H24.3	LRP4	-0.08774139	0.066255904
RP11-701H24.3	IGSF1	-0.204804753	1.53E-05
RP11-701H24.3	B3GNT3	-0.353561191	2.26E-14
RP11-701H24.3	CLDN1	-0.208521044	1.06E-05
RP11-701H24.3	GDF15	-0.393631486	1.01E-17
RP11-701H24.3	ARHGAP36	-0.199830645	2.47E-05
RP11-701H24.3	LAMB3	-0.330713259	1.16E-12
RP11-701H24.3	KLK10	-0.333976946	6.72E-13
RP11-701H24.3	DPP4	-0.150981446	0.001510812
RP11-701H24.3	METTL7B	-0.338668512	3.05E-13
RP11-701H24.3	LIPH	-0.314710133	1.51E-11
RP11-701H24.3	CLDN16	-0.157954047	0.000897149
RP11-701H24.3	CHI3L1	-0.354441436	1.93E-14
RP11-701H24.3	SLC22A31	-0.487105421	1.54E-27
RP11-701H24.3	TACSTD2	-0.303642393	8.14E-11
RP11-701H24.3	SFTPB	-0.383174924	8.40E-17
RP11-701H24.3	RXRG	-0.272282495	6.69E-09
RP11-701H24.3	DCSTAMP	-0.270083353	8.93E-09
RP11-701H24.3	CITED1	-0.394990433	7.65E-18
RP11-701H24.3	SERPINA1	-0.445156454	9.37E-23
RP11-701H24.3	PRR15	-0.315698033	1.29E-11
RP11-701H24.3	SLC34A2	-0.197995549	2.94E-05
RP11-701H24.3	FN1	-0.271650041	7.27E-09
RP11-701H24.3	ZCCHC12	-0.135174765	0.004551345
RP11-757F18.5	TFF3	0.5737346	0
RP11-757F18.5	CCL21	0.377101309	2.78E-16
RP11-757F18.5	TPO	0.620736589	0
RP11-757F18.5	MT1G	0.52723741	0
RP11-757F18.5	DIO1	0.567320016	0
RP11-757F18.5	DPT	0.323637698	3.66E-12
RP11-757F18.5	CDH16	0.530772133	0
RP11-757F18.5	CRABP1	0.416969123	6.80E-20
RP11-757F18.5	SLC26A7	0.509287921	0
RP11-757F18.5	MT1H	0.4926756	3.18E-28
RP11-757F18.5	SLC26A4	0.540217209	0
RP11-757F18.5	SLC5A8	0.542396521	6.06E-35
RP11-757F18.5	PKHD1L1	0.585885286	8.17E-42
RP11-757F18.5	TFCP2L1	0.57128408	0
RP11-757F18.5	WSCD2	0.542767106	5.35E-35
RP11-757F18.5	IPCEF1	0.539575113	0
RP11-757F18.5	SLC5A5	0.550853225	3.35E-36
RP11-757F18.5	MT1F	0.569614799	0
RP11-757F18.5	FOSB	0.439772975	0
RP11-757F18.5	SEMA3D	0.564775903	2.37E-38
RP11-757F18.5	BMP8A	0.524230463	0
RP11-757F18.5	MATN2	0.487021761	0
RP11-757F18.5	PLA2R1	0.526056048	0

RP11-757F18.5	COL23A1	0.50716235	0
RP11-757F18.5	HGD	0.602924398	0
RP11-757F18.5	TCEAL2	0.415484927	0
RP11-757F18.5	CHRDL1	0.375826356	3.56E-16
RP11-757F18.5	TNFRSF11B	0.579102994	0
RP11-757F18.5	FAM167A	0.54315182	0
RP11-757F18.5	KIT	0.459812576	0
RP11-757F18.5	SLC4A4	0.532380424	0
RP11-757F18.5	SMOC2	0.41789091	0
RP11-757F18.5	FHL1	0.625029289	0
RP11-757F18.5	OTOS	0.537595208	0
RP11-757F18.5	IGFBPL1	0.455040105	8.01E-24
RP11-757F18.5	HBB	0.264495613	2.08E-08
RP11-757F18.5	BEX1	0.288223121	9.11E-10
RP11-757F18.5	FABP4	0.348025535	6.04E-14
RP11-757F18.5	LMOD1	0.481511672	0
RP11-757F18.5	SOD3	0.538520837	0
RP11-757F18.5	TMEM171	0.517028257	0
RP11-757F18.5	PI16	0.322660184	5.65E-12
RP11-757F18.5	ZMAT4	0.557204049	3.60E-37
RP11-757F18.5	MFAP4	0.196873342	3.39E-05
RP11-757F18.5	CWH43	0.563303988	4.04E-38
RP11-757F18.5	SPX	0.461266407	0
RP11-757F18.5	APOD	0.260842598	3.29E-08
RP11-757F18.5	DPP6	0.472864429	0
RP11-757F18.5	MMRN1	0.338857275	4.02E-13
RP11-757F18.5	WDR72	0.448026053	0
RP11-757F18.5	MPPED2	0.553797973	0
RP11-757F18.5	PAPSS2	0.43502441	0
RP11-757F18.5	DCN	0.208781988	1.08E-05
RP11-757F18.5	SORBS2	0.580236556	0
RP11-757F18.5	EGR2	0.318425211	1.10E-11
RP11-757F18.5	EDN3	0.323157218	3.96E-12
RP11-757F18.5	DIO2	0.38278849	7.39E-18
RP11-757F18.5	ITPR1	0.565398548	0
RP11-757F18.5	CFD	0.289686455	7.44E-10
RP11-757F18.5	CPXM1	0.370023006	1.08E-15
RP11-757F18.5	ELMO1	0.551135264	0
RP11-757F18.5	GPC3	0.445277903	9.09E-23
RP11-757F18.5	MYOC	0.174171455	0.000245453
RP11-757F18.5	DEPTOR	0.548109027	0
RP11-757F18.5	DGKI	0.640270966	0
RP11-757F18.5	CARTPT	0.516073968	3.00E-31
RP11-757F18.5	IYD	0.371306207	8.00E-16
RP11-757F18.5	LYVE1	0.397698976	0
RP11-757F18.5	CLCNKB	0.506318986	0
RP11-757F18.5	NCAM1	0.444531611	0
RP11-757F18.5	HBA2	0.284450963	1.53E-09
RP11-757F18.5	GLT8D2	0.447597988	0
RP11-757F18.5	OGDHL	0.407369432	0
RP11-757F18.5	LIFR	0.423744954	0

RP11-757F18.5	CSGALNACT1	0.469841596	0
RP11-757F18.5	RAP1GAP	0.441259854	0
RP11-757F18.5	COL9A3	0.4555264	0
RP11-757F18.5	FBLN1	0.256098287	5.89E-08
RP11-757F18.5	EFEMP1	0.482916852	0
RP11-757F18.5	AOX1	0.450941247	2.24E-23
RP11-757F18.5	GRIN2C	0.536768156	0
RP11-757F18.5	C11orf74	0.500845775	0
RP11-757F18.5	PPARGC1A	0.561829359	0
RP11-757F18.5	ANGPTL1	0.427137131	0
RP11-757F18.5	SCARA5	0.293137856	3.79E-10
RP11-757F18.5	LTF	0.427736535	0
RP11-757F18.5	CA4	0.391544447	1.55E-17
RP11-757F18.5	TG	0.412269621	0
RP11-757F18.5	FCGBP	0.521071324	0
RP11-757F18.5	PBX4	0.593339045	0
RP11-757F18.5	CYR61	0.433838935	0
RP11-757F18.5	FOS	0.442608867	0
RP11-757F18.5	KHDRBS2	0.562953985	0
RP11-757F18.5	MUM1L1	0.428810951	0
RP11-757F18.5	RGS16	0.497602527	0
RP11-757F18.5	MT1M	0.49377023	0
RP11-757F18.5	LRP2	0.566152838	0
RP11-757F18.5	MAFB	0.509143956	0
RP11-757F18.5	KCNK2	0.49456934	0
RP11-757F18.5	TBC1D4	0.467205837	0
RP11-757F18.5	MIOX	0.554505051	9.34E-37
RP11-757F18.5	TPPP	0.535834868	0
RP11-757F18.5	FMOD	0.474835398	0
RP11-757F18.5	CITED2	0.526532621	0
RP11-757F18.5	RGS8	0.483419403	4.32E-27
RP11-757F18.5	ABI3BP	0.348751975	7.20E-14
RP11-757F18.5	ADH1B	0.328817561	1.58E-12
RP11-757F18.5	OGN	0.252320864	8.39E-08
RP11-757F18.5	NR4A1	0.493971638	0
RP11-757F18.5	FOXJ1	0.468060135	2.77E-25
RP11-757F18.5	ALDH1A1	0.412184377	0
RP11-757F18.5	OCA2	0.468027688	2.79E-25
RP11-757F18.5	TMEM139	0.444152055	0
RP11-757F18.5	ARHGAP24	0.480911701	0
RP11-757F18.5	SLC25A15	0.575733511	0
RP11-757F18.5	DES	0.258932628	3.71E-08
RP11-757F18.5	GDF10	0.415650056	9.12E-20
RP11-757F18.5	KIAA1324	0.427617392	0
RP11-757F18.5	JUN	0.448720204	0
RP11-757F18.5	C7	0.140201607	0.003267001
RP11-757F18.5	LGI3	0.528937044	0
RP11-757F18.5	CDON	0.513896351	0
RP11-757F18.5	BCL2	0.42850742	0
RP11-757F18.5	HLF	0.482340568	0
RP11-757F18.5	EGR1	0.341696712	2.48E-13

RP11-757F18.5	IP6K3	0.435868908	0
RP11-757F18.5	SCUBE3	0.468818951	0
RP11-757F18.5	PKNOX2	0.426312064	0
RP11-757F18.5	SMAD9	0.478020067	0
RP11-757F18.5	IQGAP2	0.545490288	0
RP11-757F18.5	GNA14	0.602460732	0
RP11-757F18.5	LAYN	0.425945274	0
RP11-757F18.5	AVPR1A	0.428161621	0
RP11-757F18.5	PDLIM3	0.492829849	0
RP11-757F18.5	GPM6A	0.444622671	0
RP11-757F18.5	SDPR	0.315553009	1.71E-11
RP11-757F18.5	CRYAB	0.312868599	2.57E-11
RP11-757F18.5	FOXA2	0.568530732	5.98E-39
RP11-757F18.5	C8orf88	0.400043544	0
RP11-757F18.5	ISM1	0.460417086	0
RP11-757F18.5	BMP2	0.533982758	0
RP11-757F18.5	ID4	0.559978951	0
RP11-757F18.5	NUPR1	0.361625255	6.42E-15
RP11-757F18.5	SERTM1	0.502967367	1.59E-29
RP11-757F18.5	IRS1	0.361279314	6.88E-15
RP11-757F18.5	FIBIN	0.289819356	7.30E-10
RP11-757F18.5	PODN	0.251988415	9.67E-08
RP11-757F18.5	TDRD9	0.435576866	0
RP11-757F18.5	EPHA3	0.282381133	2.02E-09
RP11-757F18.5	AIF1L	0.423306677	0
RP11-757F18.5	EBF4	0.559381533	0
RP11-757F18.5	ADM2	0.546733349	0
RP11-757F18.5	GSTM3	0.435274469	0
RP11-757F18.5	HSD17B6	0.415387343	0
RP11-757F18.5	AGR3	0.512315623	9.54E-31
RP11-757F18.5	EPHB1	0.359446637	9.86E-15
RP11-757F18.5	TMOD1	0.446481021	0
RP11-757F18.5	WASF3	0.470313914	0
RP11-757F18.5	SELV	0.552495117	1.89E-36
RP11-757F18.5	ENPP1	0.296422868	2.88E-10
RP11-757F18.5	SYNE1	0.5229704	3.47E-32
RP11-757F18.5	PLCH1	0.524414284	0
RP11-757F18.5	CCDC146	0.578580466	0
RP11-757F18.5	SLC16A2	0.464083151	0
RP11-757F18.5	IER2	0.467665815	0
RP11-757F18.5	KCNAB1	0.390176928	0
RP11-757F18.5	SYNDIG1	0.475440759	0
RP11-757F18.5	C16orf89	0.416392543	0
RP11-757F18.5	CTGF	0.384188138	0
RP11-757F18.5	NR4A3	0.401538933	0
RP11-757F18.5	KIAA1456	0.53130232	0
RP11-757F18.5	AQP4	0.413006039	0
RP11-757F18.5	RNF150	0.453550042	0
RP11-757F18.5	C1S	0.167096764	0.000445884
RP11-757F18.5	PFKFB2	0.402061603	0
RP11-757F18.5	PROX1	0.490282171	0

RP11-757F18.5	TCF7L1	0.537103884	0
RP11-757F18.5	HSPB6	0.242807865	2.84E-07
RP11-757F18.5	FHDC1	0.335439	7.13E-13
RP11-757F18.5	PRR15L	0.316047311	1.58E-11
RP11-757F18.5	SLC1A1	0.452094225	0
RP11-757F18.5	BTBD11	0.399555057	0
RP11-757F18.5	TRIM58	0.385047813	0
RP11-757F18.5	LRIG1	0.48141196	0
RP11-757F18.5	ROR2	0.459490322	0
RP11-757F18.5	GPR125	0.554249157	0
RP11-757F18.5	FLRT1	0.561953608	0
RP11-757F18.5	PGF	0.561273641	0
RP11-757F18.5	DUSP1	0.43171535	0
RP11-757F18.5	PLA2G7	0.442734535	0
RP11-757F18.5	PLSCR4	0.380041246	5.72E-17
RP11-757F18.5	FAM46B	0.512716975	0
RP11-757F18.5	GLDC	0.522533381	0
RP11-757F18.5	ZBTB16	0.386349594	0
RP11-757F18.5	OMD	0.215900709	5.00E-06
RP11-757F18.5	HSD11B2	0.357404749	1.46E-14
RP11-757F18.5	FGL2	0.189749147	6.51E-05
RP11-757F18.5	CLCNKA	0.544688573	2.79E-35
RP11-757F18.5	GATM	0.27060312	9.58E-09
RP11-757F18.5	TNS3	0.394120142	0
RP11-757F18.5	TOB1	0.543765691	0
RP11-757F18.5	MARC2	0.507611122	0
RP11-757F18.5	LRRC2	0.506661381	0
RP11-757F18.5	SORD	0.248331712	1.49E-07
RP11-757F18.5	RIMS4	0.327149045	2.76E-12
RP11-757F18.5	SLC29A4	0.568044804	0
RP11-757F18.5	SLC39A14	0.475993498	0
RP11-757F18.5	FAXDC2	0.381933637	1.90E-17
RP11-757F18.5	HSPB8	0.472620186	0
RP11-757F18.5	CCL19	0.108527552	0.02295743
RP11-757F18.5	KCNIP3	0.541879541	0
RP11-757F18.5	CGNL1	0.43753053	0
RP11-757F18.5	ATF3	0.37303818	5.23E-16
RP11-757F18.5	SGCD	0.441343538	0
RP11-757F18.5	STARD13	0.535340849	0
RP11-757F18.5	LDHD	0.37220049	6.44E-16
RP11-757F18.5	RCAN1	0.483329882	0
RP11-757F18.5	ID3	0.563467861	0
RP11-757F18.5	SYTL3	0.459576985	0
RP11-757F18.5	MT1E	0.405992619	0
RP11-757F18.5	CAMK1D	0.391715435	0
RP11-757F18.5	PRKCQ	0.32960765	1.86E-12
RP11-757F18.5	NUAK2	0.487981856	0
RP11-757F18.5	LIPG	0.341839401	2.42E-13
RP11-757F18.5	SLC25A25	0.475182473	0
RP11-757F18.5	PRKX	0.322772802	5.55E-12
RP11-757F18.5	SRPX	0.220006269	3.45E-06

RP11-757F18.5	FAM189A1	0.363334251	4.55E-15
RP11-757F18.5	PLEKHH1	0.544701248	0
RP11-757F18.5	WNT11	0.49070442	0
RP11-757F18.5	SNAI1	0.510778771	0
RP11-757F18.5	FDCSP	0.103851638	0.029584031
RP11-757F18.5	MT1X	0.318570452	1.07E-11
RP11-757F18.5	ACACB	0.528014535	0
RP11-757F18.5	ARC	0.209211471	1.03E-05
RP11-757F18.5	KLK4	0.298354038	1.78E-10
RP11-757F18.5	ZFPM2	0.355607247	2.05E-14
RP11-757F18.5	AKAP12	0.314840277	1.90E-11
RP11-757F18.5	GJB6	0.523431852	3.00E-32
RP11-757F18.5	ERO1LB	0.550396293	0
RP11-757F18.5	DNALI1	0.565514145	0
RP11-757F18.5	HKDC1	0.437393799	0
RP11-757F18.5	ZFP36L2	0.429136609	0
RP11-757F18.5	CAPSL	0.41398679	1.32E-19
RP11-757F18.5	CYP7B1	0.37162917	7.40E-16
RP11-757F18.5	CPQ	0.49035933	0
RP11-757F18.5	RPS6KA6	0.446281685	7.11E-23
RP11-757F18.5	TLE1	0.527446761	0
RP11-757F18.5	TP53INP2	0.567420578	0
RP11-757F18.5	KATNAL2	0.535776005	0
RP11-757F18.5	SGPP2	0.279227952	3.09E-09
RP11-757F18.5	CTH	0.463487718	0
RP11-757F18.5	KIF12	0.538858977	0
RP11-757F18.5	TMEM220	0.436293711	0
RP11-757F18.5	CENPJ	0.621461518	0
RP11-757F18.5	FAM155B	0.252675332	8.91E-08
RP11-757F18.5	WFS1	0.527689445	0
RP11-757F18.5	SELENBP1	0.368573289	1.50E-15
RP11-757F18.5	SNTA1	0.42797709	0
RP11-757F18.5	FRAS1	0.391574874	0
RP11-757F18.5	FBLN7	0.488859403	0
RP11-757F18.5	AGPAT9	0.438658561	0
RP11-757F18.5	GPR83	0.321305072	6.99E-12
RP11-757F18.5	PRTG	0.407409997	0
RP11-757F18.5	EGR3	0.246547542	1.84E-07
RP11-757F18.5	GRAMD2	0.555538173	0
RP11-757F18.5	HYOU1	0.477462789	0
RP11-757F18.5	FBLN5	0.333808299	9.34E-13
RP11-757F18.5	ITM2A	0.37462477	3.46E-16
RP11-757F18.5	SRF	0.508940278	0
RP11-757F18.5	FGFR2	0.307862316	5.45E-11
RP11-757F18.5	MT1A	0.35912475	8.26E-15
RP11-757F18.5	MAMDC2	0.339697944	3.48E-13
RP11-757F18.5	FHL2	0.378215377	1.17E-16
RP11-757F18.5	FTCDNL1	0.319877197	8.74E-12
RP11-757F18.5	PKIA	0.194222832	4.33E-05
RP11-757F18.5	DNAJB4	0.429281425	0
RP11-757F18.5	SLC25A33	0.531478198	0

RP11-757F18.5	EYA2	0.340084024	3.26E-13
RP11-757F18.5	LPAR1	0.401692968	0
RP11-757F18.5	STX11	0.34177217	2.44E-13
RP11-757F18.5	ARHGEF28	0.495228883	0
RP11-757F18.5	OR2W3	0.383070887	4.15E-18
RP11-757F18.5	ALDH1B1	0.336846249	4.15E-13
RP11-757F18.5	CXCL12	0.194247511	4.32E-05
RP11-757F18.5	OLFM2	0.396314078	0
RP11-757F18.5	TUB	0.3656496	2.82E-15
RP11-757F18.5	HTRA3	0.330096563	1.72E-12
RP11-757F18.5	CKB	0.537393658	0
RP11-757F18.5	RGS2	0.274244221	5.97E-09
RP11-757F18.5	SHANK2	0.486850138	0
RP11-757F18.5	CNTFR	0.341788883	1.79E-13
RP11-757F18.5	CYTH3	0.384326855	0
RP11-757F18.5	PLAC9	0.277861493	3.71E-09
RP11-757F18.5	WWOX	0.411102018	0
RP11-757F18.5	NPR3	0.46363296	0
RP11-757F18.5	SDC2	0.418977666	0
RP11-757F18.5	KLF15	0.364828363	3.35E-15
RP11-757F18.5	TMEM164	0.522410409	0
RP11-757F18.5	LONRF3	0.238023273	4.90E-07
RP11-757F18.5	GBP1	0.254122638	7.49E-08
RP11-757F18.5	ARHGAP6	0.527172023	0
RP11-757F18.5	TMEM119	0.150298851	0.001604637
RP11-757F18.5	SH3RF1	0.409306076	0
RP11-757F18.5	CRELD2	0.510232272	0
RP11-757F18.5	PCP4	0.171610305	0.000309466
RP11-757F18.5	GCSH	0.431548833	0
RP11-757F18.5	IMPA2	0.440882284	0
RP11-757F18.5	C1R	0.141939821	0.002899649
RP11-757F18.5	SUCNR1	0.245366748	2.11E-07
RP11-757F18.5	SFRP1	0.31308561	2.49E-11
RP11-757F18.5	UGT8	0.405477466	0
RP11-757F18.5	TLE4	0.270807791	9.33E-09
RP11-757F18.5	ANTXR1	0.348264906	7.85E-14
RP11-757F18.5	GPX3	0.453125381	0
RP11-757F18.5	DPY19L2	0.656025951	0
RP11-757F18.5	FAM46C	0.280024226	2.78E-09
RP11-757F18.5	IL33	0.27045569	8.50E-09
RP11-757F18.5	PEG3	0.423356888	0
RP11-757F18.5	FAHD2A	0.606890164	0
RP11-757F18.5	PTGDS	0.05437837	0.255450349
RP11-757F18.5	CHCHD10	0.358592635	1.16E-14
RP11-757F18.5	CD36	0.313327584	2.40E-11
RP11-757F18.5	ANKRD37	0.579346244	0
RP11-757F18.5	TSPAN33	0.331968671	1.26E-12
RP11-757F18.5	PRDM16	0.421960927	0
RP11-757F18.5	UST	0.361985663	5.98E-15
RP11-757F18.5	NEXN	0.469480621	0
RP11-757F18.5	NUPR1L	0.210853452	8.37E-06

RP11-757F18.5	SLC24A3	0.457189299	0
RP11-757F18.5	MARC1	0.473407665	0
RP11-757F18.5	MYH11	0.25885702	4.20E-08
RP11-757F18.5	APOA1	0.466758996	3.90E-25
RP11-757F18.5	TMEM178B	0.508663128	0
RP11-757F18.5	CAPN6	0.353196692	2.41E-14
RP11-757F18.5	PPM1L	0.46603639	0
RP11-757F18.5	FZD8	0.524010757	0
RP11-757F18.5	RCAN2	0.460837066	0
RP11-757F18.5	COPZ2	0.438167521	0
RP11-757F18.5	GAS1	0.27801567	3.63E-09
RP11-757F18.5	DACT1	0.426056758	0
RP11-757F18.5	WBSCR17	0.451648289	0
RP11-757F18.5	NCS1	0.416739335	0
RP11-757F18.5	SPIRE2	0.543921144	0
RP11-757F18.5	C15orf52	0.546304434	0
RP11-757F18.5	SPAG5	0.51312036	0
RP11-757F18.5	ARL4D	0.459061549	0
RP11-757F18.5	FAM189A2	0.353883642	2.83E-14
RP11-757F18.5	MAP1LC3A	0.470550782	0
RP11-757F18.5	KLF6	0.294320132	3.89E-10
RP11-757F18.5	ADD3	0.303140416	1.09E-10
RP11-757F18.5	TSPAN7	0.267238034	1.47E-08
RP11-757F18.5	KLF9	0.316404315	1.50E-11
RP11-757F18.5	KCNQ1	0.39119858	0
RP11-757F18.5	MAN1A1	0.23451564	7.25E-07
RP11-757F18.5	MLF1	0.347298712	9.32E-14
RP11-757F18.5	RARB	0.440372096	0
RP11-757F18.5	CDC42EP2	0.390229407	0
RP11-757F18.5	FAM3B	0.245297957	2.13E-07
RP11-757F18.5	GADD45B	0.371922205	6.90E-16
RP11-757F18.5	TMEM47	0.338945781	3.96E-13
RP11-757F18.5	SDF2L1	0.420920693	0
RP11-757F18.5	CCDC85A	0.444196734	0
RP11-757F18.5	CRYBG3	0.276874732	4.22E-09
RP11-757F18.5	FBLN2	0.159788322	0.000790264
RP11-757F18.5	PEBP4	0.173979836	0.000254551
RP11-757F18.5	CDADC1	0.487893775	0
RP11-757F18.5	FAM63A	0.332924086	1.08E-12
RP11-757F18.5	GLUL	0.418934406	0
RP11-757F18.5	FREM2	0.388449493	0
RP11-757F18.5	ACKR3	0.464187117	0
RP11-757F18.5	DENND6A	0.522152123	0
RP11-757F18.5	CLDN8	0.264606388	2.06E-08
RP11-757F18.5	UTS2R	0.296194612	2.44E-10
RP11-757F18.5	SCNN1B	0.312978807	2.53E-11
RP11-757F18.5	TTC30A	0.439179954	0
RP11-757F18.5	CORO2B	0.423301571	0
RP11-757F18.5	TC2N	0.437921292	0
RP11-757F18.5	ALDH2	0.406618121	0
RP11-757F18.5	GPR183	0.216659622	4.88E-06

RP11-757F18.5	C4orf47	0.517706522	0
RP11-757F18.5	SLC25A42	0.425454517	0
RP11-757F18.5	LGMN	0.413130856	0
RP11-757F18.5	ACSF2	0.456746625	0
RP11-757F18.5	KIAA1467	0.395796798	0
RP11-757F18.5	PRKG1	0.418099127	0
RP11-757F18.5	GNAI1	0.518694559	0
RP11-757F18.5	ABCC4	0.335001574	7.67E-13
RP11-757F18.5	PRPS1	0.374460239	3.62E-16
RP11-757F18.5	TSPAN5	0.410646862	0
RP11-757F18.5	CR2	0.155094103	0.001113867
RP11-757F18.5	CCDC170	0.403851304	0
RP11-757F18.5	RRAD	0.275144887	5.30E-09
RP11-757F18.5	SCGB2A1	0.331905979	1.28E-12
RP11-757F18.5	SESN3	0.284364868	1.55E-09
RP11-757F18.5	SGK223	0.298602479	2.11E-10
RP11-757F18.5	NDRG2	0.40709058	0
RP11-757F18.5	C3orf52	0.825768544	0
RP11-757F18.5	FLRT3	-0.12385275	0.009424256
RP11-757F18.5	MST1R	-0.289498946	7.64E-10
RP11-757F18.5	SDC1	-0.150466219	0.001585253
RP11-757F18.5	ST8SIA4	-0.397200277	0
RP11-757F18.5	UBTD1	-0.387370396	0
RP11-757F18.5	EPHA2	-0.09461104	0.047607288
RP11-757F18.5	TMEM130	-0.298359654	2.19E-10
RP11-757F18.5	SPINK2	-0.358678447	1.14E-14
RP11-757F18.5	MMP16	-0.282794021	1.91E-09
RP11-757F18.5	SIGLEC15	-0.343394503	1.85E-13
RP11-757F18.5	RIN1	-0.438052775	0
RP11-757F18.5	IL1RN	-0.217671914	4.40E-06
RP11-757F18.5	FCER1G	-0.248829702	1.41E-07
RP11-757F18.5	CD276	-0.44925805	0
RP11-757F18.5	CTSB	-0.474712993	0
RP11-757F18.5	FAM171A2	-0.35843321	1.20E-14
RP11-757F18.5	ASPHD1	-0.467557735	0
RP11-757F18.5	C15orf48	-0.249543994	1.29E-07
RP11-757F18.5	DYSF	-0.297247792	2.56E-10
RP11-757F18.5	PDZRN4	-0.21790481	4.29E-06
RP11-757F18.5	EFHD2	-0.103930874	0.029498748
RP11-757F18.5	ASF1B	-0.350293177	5.46E-14
RP11-757F18.5	AQP1	-0.189054003	6.93E-05
RP11-757F18.5	ARRDC2	-0.247295733	1.69E-07
RP11-757F18.5	PRSS1	-0.400823463	2.26E-18
RP11-757F18.5	MAPK13	-0.405169112	0
RP11-757F18.5	CST5	-0.27528246	4.49E-09
RP11-757F18.5	AHR	-0.262907463	2.54E-08
RP11-757F18.5	BAX	-0.253091198	8.47E-08
RP11-757F18.5	C1orf115	-0.374080824	4.00E-16
RP11-757F18.5	PLK3	-0.082355035	0.084790838
RP11-757F18.5	JAG2	-0.162681658	0.000631818
RP11-757F18.5	RAD23B	-0.51923964	0

RP11-757F18.5	CA12	0.008600011	0.857347551
RP11-757F18.5	ADTRP	-0.400220273	0
RP11-757F18.5	UCP2	-0.325884993	3.39E-12
RP11-757F18.5	IGFBP2	-0.137840586	0.003833718
RP11-757F18.5	LOXL2	-0.203457422	1.81E-05
RP11-757F18.5	GPX1	-0.300268214	1.66E-10
RP11-757F18.5	P3H3	-0.382377729	1.26E-17
RP11-757F18.5	C2orf81	-0.475538059	0
RP11-757F18.5	CDT1	-0.418336562	0
RP11-757F18.5	SNX25	-0.174671151	0.000240336
RP11-757F18.5	MTHFD1L	-0.304149871	9.43E-11
RP11-757F18.5	CDC42BPG	-0.350827278	3.68E-14
RP11-757F18.5	MSN	-0.481841585	0
RP11-757F18.5	SIGLEC6	-0.425231885	1.05E-20
RP11-757F18.5	F2R	-0.025073117	0.600195495
RP11-757F18.5	TMEM184A	-0.284673221	1.48E-09
RP11-757F18.5	CKS2	-0.175703016	0.000220494
RP11-757F18.5	TAX1BP3	-0.370750489	9.12E-16
RP11-757F18.5	PMEPA1	-0.338296876	4.42E-13
RP11-757F18.5	CXCL16	-0.377948439	1.28E-16
RP11-757F18.5	FAXC	-0.287760448	9.71E-10
RP11-757F18.5	VTCN1	-0.272257858	6.71E-09
RP11-757F18.5	SH2D4A	-0.422856061	0
RP11-757F18.5	RNF24	-0.374926883	3.19E-16
RP11-757F18.5	LY6G6C	-0.347027004	7.20E-14
RP11-757F18.5	NID1	-0.210716221	8.90E-06
RP11-757F18.5	STAC	-0.414967363	0
RP11-757F18.5	RAB34	-0.487214659	0
RP11-757F18.5	HES4	-0.060085471	0.208855476
RP11-757F18.5	EPHA10	-0.540640168	0
RP11-757F18.5	ENTPD2	-0.470804812	0
RP11-757F18.5	DDB2	-0.377502645	1.49E-16
RP11-757F18.5	NKAIN4	-0.036357963	0.447186198
RP11-757F18.5	TRIM29	-0.20971017	9.84E-06
RP11-757F18.5	ADCY8	-0.522919558	3.53E-32
RP11-757F18.5	SFTA2	-0.208664972	1.09E-05
RP11-757F18.5	NRIP1	-0.449357336	0
RP11-757F18.5	VWA1	-0.164061308	0.000567142
RP11-757F18.5	APLNR	-0.23149607	1.01E-06
RP11-757F18.5	REN	-0.548847963	6.70E-36
RP11-757F18.5	EDIL3	-0.236698514	5.68E-07
RP11-757F18.5	AGRN	-0.280133015	2.74E-09
RP11-757F18.5	TREM1	-0.216844152	4.79E-06
RP11-757F18.5	SRL	-0.144736424	0.002386837
RP11-757F18.5	RASGRF1	-0.424635266	0
RP11-757F18.5	RMI2	-0.481847542	0
RP11-757F18.5	SAMD1	-0.401186184	0
RP11-757F18.5	MGAT4B	-0.474510591	0
RP11-757F18.5	NXN	-0.319109008	9.85E-12
RP11-757F18.5	SH3BGRL3	-0.418249049	0
RP11-757F18.5	CA11	-0.425918183	0

RP11-757F18.5	PLD3	-0.33700474	5.49E-13
RP11-757F18.5	LURAP1L	-0.306649467	6.53E-11
RP11-757F18.5	CARNS1	-0.274912416	5.47E-09
RP11-757F18.5	PDLIM7	-0.331965834	1.27E-12
RP11-757F18.5	BCL2L1	-0.353458557	3.06E-14
RP11-757F18.5	GGT6	-0.31950757	9.26E-12
RP11-757F18.5	DPYSL3	-0.121580945	0.010822714
RP11-757F18.5	FYN	-0.402714337	0
RP11-757F18.5	TK1	-0.307106182	6.10E-11
RP11-757F18.5	AK1	-0.253482669	8.09E-08
RP11-757F18.5	HIGD1B	-0.182591903	0.000122534
RP11-757F18.5	TMEM59L	-0.170349799	0.000343007
RP11-757F18.5	MEGF9	-0.338690616	4.13E-13
RP11-757F18.5	ZFP36L1	-0.166436654	0.000469992
RP11-757F18.5	ADRA1B	-0.280541222	2.59E-09
RP11-757F18.5	EPHA4	-0.229742112	1.23E-06
RP11-757F18.5	TCERG1L	-0.058917442	0.217853373
RP11-757F18.5	NGFR	-0.370976152	8.65E-16
RP11-757F18.5	EBI3	-0.407220928	0
RP11-757F18.5	S100A10	-0.164342287	0.000554747
RP11-757F18.5	S100B	-0.288075043	9.30E-10
RP11-757F18.5	CD44	-0.37380949	4.30E-16
RP11-757F18.5	BHLHE41	-0.443976603	0
RP11-757F18.5	FBXO2	-0.346657182	1.04E-13
RP11-757F18.5	SLC30A2	-0.111291938	0.019719797
RP11-757F18.5	FRMD5	-0.352009548	4.00E-14
RP11-757F18.5	SAMD11	-0.215818812	5.32E-06
RP11-757F18.5	SIPA1L2	-0.351174837	4.65E-14
RP11-757F18.5	S100A16	-0.315548186	1.71E-11
RP11-757F18.5	PPL	-0.342820063	2.04E-13
RP11-757F18.5	ARHGD1B	-0.129016331	0.006826532
RP11-757F18.5	CDC42EP3	-0.284531952	1.51E-09
RP11-757F18.5	RUNX2	-0.472706848	0
RP11-757F18.5	LAMC2	-0.292784887	4.83E-10
RP11-757F18.5	BRINP1	-0.500197437	0
RP11-757F18.5	GPRC5B	-0.529664101	0
RP11-757F18.5	AQP5	-0.080108193	0.093659611
RP11-757F18.5	PLAG1	-0.365777679	2.74E-15
RP11-757F18.5	PTPRU	-0.297177725	2.59E-10
RP11-757F18.5	ANGPTL4	-0.193022606	4.83E-05
RP11-757F18.5	PALM3	-0.364683122	3.45E-15
RP11-757F18.5	ACP5	-0.294374172	3.86E-10
RP11-757F18.5	DLG4	-0.375899744	2.43E-16
RP11-757F18.5	ETNK2	-0.530752985	0
RP11-757F18.5	CD109	-0.325692378	3.49E-12
RP11-757F18.5	SNX22	-0.154858347	0.00114736
RP11-757F18.5	TMEM98	-0.403527206	0
RP11-757F18.5	CTHRC1	-0.226119024	1.81E-06
RP11-757F18.5	S100A2	-0.157122635	0.000968053
RP11-757F18.5	C11orf80	-0.447734152	0
RP11-757F18.5	SREBF1	-0.237768108	5.04E-07

RP11-757F18.5	PRSS22	-0.307333689	5.90E-11
RP11-757F18.5	CMTM3	-0.345722618	1.23E-13
RP11-757F18.5	RDH5	-0.479894303	0
RP11-757F18.5	MYH10	-0.347454023	9.07E-14
RP11-757F18.5	EVPL	-0.305274356	8.00E-11
RP11-757F18.5	SCD	-0.348318237	7.78E-14
RP11-757F18.5	CD151	-0.375262753	2.91E-16
RP11-757F18.5	S100A4	-0.258228965	4.54E-08
RP11-757F18.5	BNIP1	-0.368136998	1.65E-15
RP11-757F18.5	MAP3K6	-0.347160704	9.55E-14
RP11-757F18.5	MANEAL	-0.4839412	0
RP11-757F18.5	CD207	-0.318344589	8.52E-12
RP11-757F18.5	CD1A	-0.309793452	3.22E-11
RP11-757F18.5	C3	-0.273001444	7.02E-09
RP11-757F18.5	NT5E	-0.219477926	3.65E-06
RP11-757F18.5	CACNG4	-0.289806229	6.09E-10
RP11-757F18.5	FHOD1	-0.289565751	7.57E-10
RP11-757F18.5	LEMD1	-0.452490944	0
RP11-757F18.5	ATP11A	-0.183085922	0.000117383
RP11-757F18.5	PPAP2C	-0.28435267	1.55E-09
RP11-757F18.5	DRAM1	-0.316018093	1.59E-11
RP11-757F18.5	CDA	-0.213003345	7.08E-06
RP11-757F18.5	CCND2	-0.363457649	4.44E-15
RP11-757F18.5	LCN6	-0.254975088	6.06E-08
RP11-757F18.5	CDH4	-0.42016541	0
RP11-757F18.5	MMP11	-0.327152591	2.76E-12
RP11-757F18.5	B3GAT1	-0.273206399	6.83E-09
RP11-757F18.5	SPP1	-0.204580914	1.63E-05
RP11-757F18.5	HLA-DQB1	-0.276026972	4.72E-09
RP11-757F18.5	SDC3	-0.438871033	0
RP11-757F18.5	CX3CL1	-0.152969219	0.001319874
RP11-757F18.5	SDK1	-0.318051328	1.16E-11
RP11-757F18.5	DOCK9	-0.412609037	0
RP11-757F18.5	CSF2	-0.347357256	6.80E-14
RP11-757F18.5	GRHL3	-0.309228633	4.44E-11
RP11-757F18.5	TMEM92	-0.420765217	2.90E-20
RP11-757F18.5	BASP1	-0.351467447	4.41E-14
RP11-757F18.5	HRH1	-0.328912365	2.08E-12
RP11-757F18.5	ESM1	0.008866806	0.852971595
RP11-757F18.5	B4GALNT3	-0.369439914	1.23E-15
RP11-757F18.5	LMO3	-0.104481344	0.028645303
RP11-757F18.5	C9orf16	-0.385323687	0
RP11-757F18.5	SEMA3F	-0.232551196	9.01E-07
RP11-757F18.5	PLA2G12B	-0.420519489	3.07E-20
RP11-757F18.5	KLK6	-0.414659373	1.14E-19
RP11-757F18.5	ST3GAL5	-0.296895611	2.70E-10
RP11-757F18.5	FAM132B	-0.237973771	4.93E-07
RP11-757F18.5	CDKN1A	-0.03105141	0.51625489
RP11-757F18.5	E2F1	-0.358860849	1.11E-14
RP11-757F18.5	B3GNT8	-0.312516843	2.71E-11
RP11-757F18.5	MTMR11	-0.369135389	1.32E-15

RP11-757F18.5	MYO1G	-0.175562739	0.000223099
RP11-757F18.5	TMSB10	-0.328773506	2.13E-12
RP11-757F18.5	UNC5CL	-0.339599367	3.54E-13
RP11-757F18.5	ABR	-0.361023014	7.24E-15
RP11-757F18.5	PLP2	-0.421615553	0
RP11-757F18.5	SRCIN1	-0.474173302	0
RP11-757F18.5	PDE9A	-0.338736004	4.10E-13
RP11-757F18.5	TREM2	-0.275130136	5.31E-09
RP11-757F18.5	KDELR3	-0.225398066	1.96E-06
RP11-757F18.5	PC	-0.5177712	0
RP11-757F18.5	C2CD4A	-0.394031494	0
RP11-757F18.5	PELI1	-0.160426164	0.000752464
RP11-757F18.5	SSX1	-0.11918021	0.012497595
RP11-757F18.5	MROH6	-0.38712204	0
RP11-757F18.5	ESPN	-0.477773412	0
RP11-757F18.5	BMP1	-0.297301974	2.54E-10
RP11-757F18.5	TM4SF4	-0.324367707	3.26E-12
RP11-757F18.5	CORO2A	-0.477132876	0
RP11-757F18.5	CD164L2	-0.405538825	8.28E-19
RP11-757F18.5	CTSS	-0.314525399	2.00E-11
RP11-757F18.5	CLU	-0.365434717	2.95E-15
RP11-757F18.5	TMSB4X	-0.299102596	1.96E-10
RP11-757F18.5	WNT10A	-0.315243319	1.39E-11
RP11-757F18.5	NAPSA	-0.15404945	0.001218511
RP11-757F18.5	PLEKHA4	-0.476170511	0
RP11-757F18.5	SFTPA1	-0.042412331	0.37534688
RP11-757F18.5	C1orf116	-0.32026498	8.23E-12
RP11-757F18.5	TM4SF1	-0.127947021	0.007304644
RP11-757F18.5	SEL1L3	-0.326043992	3.30E-12
RP11-757F18.5	VASN	-0.419840462	0
RP11-757F18.5	NPTXR	-0.498142785	0
RP11-757F18.5	PDE4C	-0.257186604	5.16E-08
RP11-757F18.5	CDC42EP1	-0.353286792	3.16E-14
RP11-757F18.5	ENDOD1	-0.537492518	0
RP11-757F18.5	RYR1	-0.427163513	0
RP11-757F18.5	IL1RAP	-0.374708454	3.38E-16
RP11-757F18.5	SLC35F2	-0.492773912	3.09E-28
RP11-757F18.5	ISYNA1	-0.348071866	8.13E-14
RP11-757F18.5	HLA-G	-0.265225081	1.90E-08
RP11-757F18.5	CDKN2B	-0.277783057	3.74E-09
RP11-757F18.5	ALDH1A3	-0.134094668	0.004917384
RP11-757F18.5	CLIP3	-0.443667398	0
RP11-757F18.5	ULBP2	-0.381056658	3.43E-17
RP11-757F18.5	ETHE1	-0.431038219	0
RP11-757F18.5	XPR1	-0.329520704	1.89E-12
RP11-757F18.5	SPTBN2	-0.522964566	0
RP11-757F18.5	IVL	-0.337143855	3.95E-13
RP11-757F18.5	MARCO	-0.239446183	4.17E-07
RP11-757F18.5	PLXND1	-0.300302964	1.65E-10
RP11-757F18.5	EMILIN2	-0.336640219	5.83E-13
RP11-757F18.5	PLAUR	-0.238229787	4.78E-07

RP11-757F18.5	CDC42EP5	-0.389708014	0
RP11-757F18.5	TRPC5	-0.409082059	3.86E-19
RP11-757F18.5	TMEM100	-0.25735695	5.05E-08
RP11-757F18.5	QSOX1	-0.467823679	0
RP11-757F18.5	ARHGAP23	-0.302788944	1.15E-10
RP11-757F18.5	MDF1	-0.122718337	0.010101096
RP11-757F18.5	FSTL3	-0.290458049	6.68E-10
RP11-757F18.5	INF2	-0.501897923	0
RP11-757F18.5	TGFBR1	-0.538878692	0
RP11-757F18.5	TGFBI	-0.318223944	1.13E-11
RP11-757F18.5	ERBB3	-0.489396823	0
RP11-757F18.5	CCL18	-0.145610566	0.002244425
RP11-757F18.5	CCL17	-0.233621011	7.44E-07
RP11-757F18.5	C16orf45	-0.416169007	0
RP11-757F18.5	PRDM1	-0.278056236	3.61E-09
RP11-757F18.5	TRIM47	-0.396179617	0
RP11-757F18.5	CNFN	-0.349375917	6.44E-14
RP11-757F18.5	ARMCX3	-0.469993929	0
RP11-757F18.5	RAMP1	-0.409353166	0
RP11-757F18.5	GABRD	-0.11926205	0.012436931
RP11-757F18.5	COL13A1	-0.224328472	2.19E-06
RP11-757F18.5	S100A5	-0.425822443	0
RP11-757F18.5	MISP	-0.22899846	1.33E-06
RP11-757F18.5	HES6	-0.242805312	2.84E-07
RP11-757F18.5	PSD3	-0.418999084	0
RP11-757F18.5	DOK7	-0.342819637	2.04E-13
RP11-757F18.5	ZMAT3	-0.354058953	2.74E-14
RP11-757F18.5	MFAP2	-0.352680154	3.54E-14
RP11-757F18.5	TMEM79	-0.538485094	0
RP11-757F18.5	SLC1A5	-0.401373267	0
RP11-757F18.5	BBC3	-0.365857108	2.70E-15
RP11-757F18.5	HLA-DQB2	-0.286682912	1.13E-09
RP11-757F18.5	C1QL1	-0.44335564	0
RP11-757F18.5	TMEM215	-0.301981107	1.04E-10
RP11-757F18.5	PNP	-0.359454863	9.85E-15
RP11-757F18.5	ARNTL	-0.388440557	0
RP11-757F18.5	CLDN2	-0.432117261	2.13E-21
RP11-757F18.5	MVP	-0.408366831	0
RP11-757F18.5	LGALS1	-0.315101399	1.83E-11
RP11-757F18.5	BIRC7	-0.307643112	4.46E-11
RP11-757F18.5	COL8A1	-0.464303424	0
RP11-757F18.5	PERP	-0.33155706	1.35E-12
RP11-757F18.5	GJA4	-0.263268864	2.43E-08
RP11-757F18.5	IGFL2	-0.379733242	1.66E-16
RP11-757F18.5	DAPK2	-0.346610944	1.05E-13
RP11-757F18.5	MAMLD1	-0.480034296	0
RP11-757F18.5	ETV5	-0.373037045	5.24E-16
RP11-757F18.5	RUNX1	-0.35884241	1.11E-14
RP11-757F18.5	LONRF2	-0.293925116	4.11E-10
RP11-757F18.5	SPOCK1	-0.184684994	0.000102071
RP11-757F18.5	XKRX	-0.316202481	1.54E-11

RP11-757F18.5	TGFB1	-0.320004142	8.57E-12
RP11-757F18.5	ERP27	-0.19536533	3.90E-05
RP11-757F18.5	TNFRSF10C	-0.303764216	9.98E-11
RP11-757F18.5	PALM	-0.423956575	0
RP11-757F18.5	TSC22D1	-0.393812071	0
RP11-757F18.5	TGM2	-0.262227921	2.77E-08
RP11-757F18.5	UBE2QL1	-0.433096844	0
RP11-757F18.5	ECE1	-0.430758375	0
RP11-757F18.5	COL8A2	-0.287365858	1.03E-09
RP11-757F18.5	HIST3H2A	-0.307218801	6.00E-11
RP11-757F18.5	TNFRSF21	-0.258501008	4.39E-08
RP11-757F18.5	SOX4	-0.343649384	1.77E-13
RP11-757F18.5	ELF3	-0.27500929	5.40E-09
RP11-757F18.5	TPD52L1	-0.46435023	0
RP11-757F18.5	INHBB	-0.360053841	8.76E-15
RP11-757F18.5	HPN	-0.322466718	5.82E-12
RP11-757F18.5	MMP7	-0.211041589	8.21E-06
RP11-757F18.5	RAB27A	-0.422664581	0
RP11-757F18.5	IGF2BP2	-0.416713946	0
RP11-757F18.5	ITGB4	-0.281071835	2.41E-09
RP11-757F18.5	PPP1R1B	-0.431363168	0
RP11-757F18.5	NPDC1	-0.296751079	2.75E-10
RP11-757F18.5	CCL13	-0.337333638	3.82E-13
RP11-757F18.5	SPINT1	-0.514774039	0
RP11-757F18.5	HEY2	-0.386386188	0
RP11-757F18.5	CST2	-0.270699852	8.23E-09
RP11-757F18.5	ADM	-0.346178057	1.14E-13
RP11-757F18.5	VSTM2L	-0.173851616	0.000257273
RP11-757F18.5	FAM84A	-0.252803695	8.77E-08
RP11-757F18.5	P4HA2	-0.520283986	0
RP11-757F18.5	LPL	-0.270810628	9.32E-09
RP11-757F18.5	TMEM173	-0.255273221	6.51E-08
RP11-757F18.5	DHRS3	-0.44965718	0
RP11-757F18.5	SCN1B	-0.409508619	0
RP11-757F18.5	GLT1D1	-0.306372459	6.80E-11
RP11-757F18.5	PHYHIP	-0.38428785	0
RP11-757F18.5	BHLHE40	-0.192944028	4.87E-05
RP11-757F18.5	BID	-0.46588973	0
RP11-757F18.5	POSTN	-0.206002831	1.42E-05
RP11-757F18.5	ITGA3	-0.479975008	0
RP11-757F18.5	RSP04	-0.459735559	0
RP11-757F18.5	ADAMTS9	-0.262277848	2.75E-08
RP11-757F18.5	ABTB2	-0.45847179	0
RP11-757F18.5	KCNQ3	-0.404818917	0
RP11-757F18.5	ANXA1	-0.33205973	1.25E-12
RP11-757F18.5	S100A11	-0.362589889	5.29E-15
RP11-757F18.5	CEACAM6	-0.198446026	2.82E-05
RP11-757F18.5	IER5L	-0.391841954	0
RP11-757F18.5	KRT80	-0.280599659	2.57E-09
RP11-757F18.5	CDH6	-0.287982991	9.42E-10
RP11-757F18.5	UNC5B	-0.422975771	0

RP11-757F18.5	PLEKHN1	-0.354461629	2.54E-14
RP11-757F18.5	SYTL1	-0.252346695	9.27E-08
RP11-757F18.5	TMEM163	-0.285150503	1.39E-09
RP11-757F18.5	C4orf48	-0.207820474	1.19E-05
RP11-757F18.5	B3GNT7	-0.3851827	0
RP11-757F18.5	BAIAP3	-0.460111995	0
RP11-757F18.5	PHLDA2	-0.319094824	9.87E-12
RP11-757F18.5	GAP43	-0.443399379	1.44E-22
RP11-757F18.5	S100A1	-0.350706916	5.07E-14
RP11-757F18.5	PTPRE	-0.428899883	0
RP11-757F18.5	CCND1	-0.360646721	7.80E-15
RP11-757F18.5	ST6GALNAC5	-0.323380237	3.82E-12
RP11-757F18.5	KRT17	-0.029244973	0.540965979
RP11-757F18.5	HPCAL4	-0.452692778	0
RP11-757F18.5	GABBR2	-0.361899142	6.08E-15
RP11-757F18.5	DIRAS3	-0.42512276	0
RP11-757F18.5	SERINC2	-0.362191894	5.74E-15
RP11-757F18.5	PTCHD4	-0.219700894	3.56E-06
RP11-757F18.5	EPS8	-0.459498123	0
RP11-757F18.5	LY6E	-0.488371199	0
RP11-757F18.5	UPP1	-0.300280838	1.66E-10
RP11-757F18.5	AHNAK2	-0.348157536	8.00E-14
RP11-757F18.5	PLXNC1	-0.494661392	0
RP11-757F18.5	TNC	-0.310227308	3.83E-11
RP11-757F18.5	DUSP4	-0.312126649	2.87E-11
RP11-757F18.5	NRCAM	-0.488970887	0
RP11-757F18.5	NRP2	-0.438484243	0
RP11-757F18.5	CTSC	-0.386462497	0
RP11-757F18.5	AMIGO2	-0.317379446	1.29E-11
RP11-757F18.5	NAB2	-0.358779293	1.12E-14
RP11-757F18.5	TBC1D2	-0.397431613	0
RP11-757F18.5	PHLDA3	-0.362259551	5.66E-15
RP11-757F18.5	PTP4A3	-0.302781001	1.15E-10
RP11-757F18.5	CRABP2	-0.356363239	1.78E-14
RP11-757F18.5	GOS2	-0.405363571	0
RP11-757F18.5	S100A6	-0.371859513	7.00E-16
RP11-757F18.5	FOXQ1	-0.217287535	4.57E-06
RP11-757F18.5	LRG1	-0.440422164	0
RP11-757F18.5	LAMP5	-0.30923998	4.44E-11
RP11-757F18.5	ALDH3B1	-0.358150671	1.27E-14
RP11-757F18.5	CDH2	-0.172178505	0.000295372
RP11-757F18.5	SCG5	-0.365994122	2.62E-15
RP11-757F18.5	ZCCHC16	-0.418737633	4.58E-20
RP11-757F18.5	GRB7	-0.407037817	0
RP11-757F18.5	TIAM1	-0.32637192	3.13E-12
RP11-757F18.5	FXYD5	-0.344435729	1.54E-13
RP11-757F18.5	CLDN9	-0.396254932	0
RP11-757F18.5	FAM43A	-0.492763044	0
RP11-757F18.5	CHST2	-0.371330035	7.95E-16
RP11-757F18.5	HMGA2	-0.441895001	0
RP11-757F18.5	GALNT7	-0.492721628	0

RP11-757F18.5	CBLN1	-0.220254768	3.36E-06
RP11-757F18.5	STRA6	-0.381263599	3.04E-17
RP11-757F18.5	MUC21	-0.345720603	9.05E-14
RP11-757F18.5	PRR36	-0.424210038	0
RP11-757F18.5	NFE2L3	-0.300653302	1.57E-10
RP11-757F18.5	NR1D1	-0.221430881	2.98E-06
RP11-757F18.5	MUC1	-0.29561936	3.23E-10
RP11-757F18.5	NAT8L	-0.38730813	0
RP11-757F18.5	APOC1	-0.218616549	3.99E-06
RP11-757F18.5	EVA1A	-0.354202492	2.67E-14
RP11-757F18.5	ENTPD1	-0.187314654	8.09E-05
RP11-757F18.5	COL1A1	-0.263618492	2.33E-08
RP11-757F18.5	FNDC4	-0.261991337	2.85E-08
RP11-757F18.5	FRMD3	-0.329317026	1.95E-12
RP11-757F18.5	SHROOM4	-0.428704431	0
RP11-757F18.5	NELL2	-0.288330776	8.98E-10
RP11-757F18.5	EPHB3	-0.483501079	0
RP11-757F18.5	TMC6	-0.427977374	0
RP11-757F18.5	NOD1	-0.430671854	0
RP11-757F18.5	GGCT	-0.553981368	0
RP11-757F18.5	ICAM1	-0.347915703	8.36E-14
RP11-757F18.5	PRSS23	-0.234858035	6.98E-07
RP11-757F18.5	CFI	-0.326481702	3.08E-12
RP11-757F18.5	CD55	-0.256971153	5.30E-08
RP11-757F18.5	RASD2	-0.428084461	0
RP11-757F18.5	KLK11	-0.382666544	9.30E-17
RP11-757F18.5	ICAM5	-0.261094217	3.19E-08
RP11-757F18.5	ADORA1	-0.530680506	0
RP11-757F18.5	ITGA2	-0.372595648	5.85E-16
RP11-757F18.5	ABCC3	-0.310692818	3.57E-11
RP11-757F18.5	MFGE8	-0.462166222	0
RP11-757F18.5	STK32A	-0.277717954	3.78E-09
RP11-757F18.5	CYSLTR2	-0.276481418	4.45E-09
RP11-757F18.5	LAD1	-0.517926653	0
RP11-757F18.5	MGAT3	-0.273118601	6.91E-09
RP11-757F18.5	IGFBP6	-0.358284849	1.23E-14
RP11-757F18.5	CYP2S1	-0.361114499	7.11E-15
RP11-757F18.5	KCNJ2	-0.359677973	9.43E-15
RP11-757F18.5	FAM20A	-0.29046585	6.68E-10
RP11-757F18.5	TGFA	-0.483100389	0
RP11-757F18.5	MXRA8	-0.426146257	0
RP11-757F18.5	C8orf4	-0.05355685	0.262709041
RP11-757F18.5	CLDN10	-0.378531531	2.10E-16
RP11-757F18.5	PDE5A	-0.493260609	0
RP11-757F18.5	APOE	-0.252120607	9.52E-08
RP11-757F18.5	SPOCK2	-0.243731366	2.55E-07
RP11-757F18.5	TENM1	-0.227731145	1.52E-06
RP11-757F18.5	SLIT1	-0.277769157	3.75E-09
RP11-757F18.5	CXCL14	-0.116131137	0.014952163
RP11-757F18.5	ECM1	-0.206131052	1.40E-05
RP11-757F18.5	DUSP5	-0.249729517	1.27E-07

RP11-757F18.5	SEZ6L2	-0.430608878	0
RP11-757F18.5	THRSP	-0.302809226	1.15E-10
RP11-757F18.5	C19orf33	-0.249051393	1.37E-07
RP11-757F18.5	MPZL2	-0.323281998	5.12E-12
RP11-757F18.5	CTSH	-0.55738475	0
RP11-757F18.5	CYP1B1	-0.537757895	0
RP11-757F18.5	ALOX5	-0.272216375	7.77E-09
RP11-757F18.5	SYTL5	-0.395745397	6.54E-18
RP11-757F18.5	TNFRSF12A	-0.296500027	2.85E-10
RP11-757F18.5	DUSP6	-0.252753626	8.83E-08
RP11-757F18.5	ALOX15B	-0.322573238	5.73E-12
RP11-757F18.5	SDC4	-0.467799283	0
RP11-757F18.5	MDK	-0.388674731	0
RP11-757F18.5	KRT19	-0.326106968	3.27E-12
RP11-757F18.5	MET	-0.450350763	0
RP11-757F18.5	TESC	-0.304133843	9.46E-11
RP11-757F18.5	CXCL17	-0.452133246	1.66E-23
RP11-757F18.5	NPC2	-0.515867036	0
RP11-757F18.5	COMP	-0.283805604	1.67E-09
RP11-757F18.5	TUSC3	-0.394002275	0
RP11-757F18.5	TMPRSS4	-0.344343677	1.57E-13
RP11-757F18.5	LGALS3	-0.379080583	8.53E-17
RP11-757F18.5	CRLF1	-0.203882933	1.74E-05
RP11-757F18.5	CTXN1	-0.388042421	0
RP11-757F18.5	PCSK1N	-0.164627663	0.000542417
RP11-757F18.5	NMU	-0.285848383	1.06E-09
RP11-757F18.5	GALE	-0.444353606	0
RP11-757F18.5	PCSK2	-0.093700162	0.049794868
RP11-757F18.5	GJB3	-0.559395717	0
RP11-757F18.5	SLPI	-0.175686704	0.000220796
RP11-757F18.5	AGR2	-0.119287439	0.012418164
RP11-757F18.5	MRC2	-0.385369216	0
RP11-757F18.5	GOLT1A	-0.499832349	0
RP11-757F18.5	SLC27A6	-0.268583014	1.09E-08
RP11-757F18.5	KCNN4	-0.386351722	0
RP11-757F18.5	ETV4	-0.309810034	3.21E-11
RP11-757F18.5	SYT12	-0.543725551	0
RP11-757F18.5	PVRL4	-0.538332052	0
RP11-757F18.5	PLCD3	-0.472168151	0
RP11-757F18.5	PLAU	-0.37383573	4.27E-16
RP11-757F18.5	LRRK2	-0.243920293	2.50E-07
RP11-757F18.5	SFN	-0.297820105	2.36E-10
RP11-757F18.5	LPAR5	-0.457815084	0
RP11-757F18.5	NGEF	-0.455190813	0
RP11-757F18.5	DTX4	-0.471388188	0
RP11-757F18.5	CST6	-0.408366972	0
RP11-757F18.5	QPCT	-0.498779208	0
RP11-757F18.5	TIMP1	-0.50045629	0
RP11-757F18.5	CAMK2N1	-0.50806798	0
RP11-757F18.5	KLHDC8A	-0.221884051	2.84E-06
RP11-757F18.5	PDLIM4	-0.477633986	0

RP11-757F18.5	SCEL	-0.248837219	1.41E-07
RP11-757F18.5	LCN2	-0.396765404	0
RP11-757F18.5	PROS1	-0.516552535	0
RP11-757F18.5	GABRB2	-0.460404888	0
RP11-757F18.5	TMPRSS6	-0.42865876	0
RP11-757F18.5	KLK7	-0.439696689	3.52E-22
RP11-757F18.5	PDZK1IP1	-0.342395402	2.20E-13
RP11-757F18.5	CDH3	-0.474983192	0
RP11-757F18.5	LRP4	-0.383033017	4.57E-18
RP11-757F18.5	IGSF1	-0.157331278	0.000952906
RP11-757F18.5	B3GNT3	-0.32406735	4.52E-12
RP11-757F18.5	CLDN1	-0.314466962	2.01E-11
RP11-757F18.5	GDF15	-0.338386659	4.35E-13
RP11-757F18.5	ARHGAP36	-0.144745976	0.002364654
RP11-757F18.5	LAMB3	-0.352097771	3.93E-14
RP11-757F18.5	KLK10	-0.520120448	0
RP11-757F18.5	DPP4	-0.36422981	3.79E-15
RP11-757F18.5	METTL7B	-0.579865368	0
RP11-757F18.5	LIPH	-0.434893069	0
RP11-757F18.5	CLDN16	-0.326165972	3.24E-12
RP11-757F18.5	CHI3L1	-0.463556226	0
RP11-757F18.5	SLC22A31	-0.345003909	1.03E-13
RP11-757F18.5	TACSTD2	-0.464135772	0
RP11-757F18.5	SFTPB	-0.330825464	1.52E-12
RP11-757F18.5	RXRG	-0.502693203	0
RP11-757F18.5	DCSTAMP	-0.557883787	2.83E-37
RP11-757F18.5	CITED1	-0.497624228	0
RP11-757F18.5	SERPINA1	-0.52188008	0
RP11-757F18.5	PRR15	-0.443900578	0
RP11-757F18.5	SLC34A2	-0.437858883	0
RP11-757F18.5	FN1	-0.476255188	0
RP11-757F18.5	ZCCHC12	-0.316787134	1.41E-11
RP13-20L14.1	TFF3	0.596856608	1.02E-43
RP13-20L14.1	CCL21	0.384401954	6.58E-17
RP13-20L14.1	TPO	0.521255112	5.97E-32
RP13-20L14.1	MT1G	0.423173653	1.68E-20
RP13-20L14.1	DI01	0.49313218	2.79E-28
RP13-20L14.1	DPT	0.322886725	4.14E-12
RP13-20L14.1	CDH16	0.534815289	7.59E-34
RP13-20L14.1	CRABP1	0.430602219	3.04E-21
RP13-20L14.1	SLC26A7	0.473827186	5.95E-26
RP13-20L14.1	MT1H	0.371718452	7.84E-16
RP13-20L14.1	SLC26A4	0.491771155	4.12E-28
RP13-20L14.1	SLC5A8	0.420351789	3.19E-20
RP13-20L14.1	PKHD1L1	0.490269237	6.31E-28
RP13-20L14.1	TFCP2L1	0.436819506	7.01E-22
RP13-20L14.1	WSCD2	0.532587454	1.58E-33
RP13-20L14.1	IPCEF1	0.494935201	1.66E-28
RP13-20L14.1	SLC5A5	0.438206794	5.04E-22
RP13-20L14.1	MT1F	0.500043548	3.76E-29
RP13-20L14.1	FOSB	0.431253843	2.61E-21

RP13-20L14.1	SEMA3D	0.484580081	3.13E-27
RP13-20L14.1	BMP8A	0.514777371	4.48E-31
RP13-20L14.1	MATN2	0.480805081	8.91E-27
RP13-20L14.1	PLA2R1	0.458143129	3.64E-24
RP13-20L14.1	COL23A1	0.551708453	2.49E-36
RP13-20L14.1	HGD	0.496175089	1.16E-28
RP13-20L14.1	TCEAL2	0.416026818	8.39E-20
RP13-20L14.1	CHRD1	0.303547726	8.26E-11
RP13-20L14.1	TNFRSF11B	0.393011383	1.15E-17
RP13-20L14.1	FAM167A	0.483058609	4.78E-27
RP13-20L14.1	KIT	0.504229179	1.09E-29
RP13-20L14.1	SLC4A4	0.44635349	6.98E-23
RP13-20L14.1	SMOC2	0.451259279	2.07E-23
RP13-20L14.1	FHL1	0.545573557	2.06E-35
RP13-20L14.1	OTOS	0.478495665	1.68E-26
RP13-20L14.1	IGFBPL1	0.404334402	1.07E-18
RP13-20L14.1	HBB	0.310142906	3.05E-11
RP13-20L14.1	BEX1	0.496445591	1.07E-28
RP13-20L14.1	FABP4	0.419626395	3.75E-20
RP13-20L14.1	LMOD1	0.538696657	2.10E-34
RP13-20L14.1	SOD3	0.483547132	4.17E-27
RP13-20L14.1	TMEM171	0.415271623	9.92E-20
RP13-20L14.1	PI16	0.366835447	1.98E-15
RP13-20L14.1	ZMAT4	0.527686234	7.72E-33
RP13-20L14.1	MFAP4	0.337478444	3.73E-13
RP13-20L14.1	CWH43	0.414148633	1.27E-19
RP13-20L14.1	SPX	0.524698881	2.01E-32
RP13-20L14.1	APOD	0.28424414	1.33E-09
RP13-20L14.1	DPP6	0.531770962	2.06E-33
RP13-20L14.1	MMRN1	0.360670621	6.22E-15
RP13-20L14.1	WDR72	0.409423684	3.58E-19
RP13-20L14.1	MPPED2	0.588581804	2.83E-42
RP13-20L14.1	PAPSS2	0.355548656	1.58E-14
RP13-20L14.1	DCN	0.182284576	0.000122723
RP13-20L14.1	SORBS2	0.470552216	1.43E-25
RP13-20L14.1	EGR2	0.41299469	1.64E-19
RP13-20L14.1	EDN3	0.482092038	6.24E-27
RP13-20L14.1	DIO2	0.429340607	4.07E-21
RP13-20L14.1	ITPR1	0.519277335	1.11E-31
RP13-20L14.1	CFD	0.395256967	7.24E-18
RP13-20L14.1	CPXM1	0.505638432	7.17E-30
RP13-20L14.1	ELMO1	0.544501617	2.97E-35
RP13-20L14.1	GPC3	0.47704196	2.49E-26
RP13-20L14.1	MYOC	0.396228526	5.92E-18
RP13-20L14.1	DEPTOR	0.500649236	3.15E-29
RP13-20L14.1	DGKI	0.48538448	2.50E-27
RP13-20L14.1	CARTPT	0.471092154	1.24E-25
RP13-20L14.1	IYD	0.223411502	2.27E-06
RP13-20L14.1	LYVE1	0.387555509	3.50E-17
RP13-20L14.1	CLCNKB	0.613760978	8.57E-47
RP13-20L14.1	NCAM1	0.241439586	3.05E-07

RP13-20L14.1	HBA2	0.373147085	5.96E-16
RP13-20L14.1	GLT8D2	0.477407696	2.26E-26
RP13-20L14.1	OGDHL	0.327365581	2.00E-12
RP13-20L14.1	LIFR	0.415763975	8.89E-20
RP13-20L14.1	CSGALNACT1	0.384747642	6.14E-17
RP13-20L14.1	RAP1GAP	0.370045877	1.08E-15
RP13-20L14.1	COL9A3	0.55135965	2.81E-36
RP13-20L14.1	FBLN1	0.248222157	1.37E-07
RP13-20L14.1	EFEMP1	0.372237134	7.10E-16
RP13-20L14.1	AOX1	0.382136885	1.03E-16
RP13-20L14.1	GRIN2C	0.489662737	7.50E-28
RP13-20L14.1	C11orf74	0.559988364	1.33E-37
RP13-20L14.1	PPARGC1A	0.354471042	1.92E-14
RP13-20L14.1	ANGPTL1	0.530824699	2.80E-33
RP13-20L14.1	SCARA5	0.315091648	1.42E-11
RP13-20L14.1	LTF	0.429673948	3.77E-21
RP13-20L14.1	CA4	0.55410133	1.08E-36
RP13-20L14.1	TG	0.459448408	2.60E-24
RP13-20L14.1	FCGBP	0.544176786	3.32E-35
RP13-20L14.1	PBX4	0.755412966	2.97E-82
RP13-20L14.1	CYR61	0.442753547	1.68E-22
RP13-20L14.1	FOS	0.42585017	9.12E-21
RP13-20L14.1	KHDRBS2	0.586624594	6.11E-42
RP13-20L14.1	MUM1L1	0.423000174	1.75E-20
RP13-20L14.1	RGS16	0.477824585	2.02E-26
RP13-20L14.1	MT1M	0.404116041	1.12E-18
RP13-20L14.1	LRP2	0.382676246	9.28E-17
RP13-20L14.1	MAFB	0.391657308	1.52E-17
RP13-20L14.1	KCNK2	0.43078674	2.91E-21
RP13-20L14.1	TBC1D4	0.494341712	1.97E-28
RP13-20L14.1	MIOX	0.610322266	3.75E-46
RP13-20L14.1	TPPP	0.424586736	1.22E-20
RP13-20L14.1	FMOD	0.383389738	8.05E-17
RP13-20L14.1	CITED2	0.357645869	1.08E-14
RP13-20L14.1	RGS8	0.534592763	8.17E-34
RP13-20L14.1	ABI3BP	0.277550366	3.31E-09
RP13-20L14.1	ADH1B	0.356738329	1.28E-14
RP13-20L14.1	OGN	0.249022842	1.25E-07
RP13-20L14.1	NR4A1	0.417618912	5.88E-20
RP13-20L14.1	FOXJ1	0.618338165	1.17E-47
RP13-20L14.1	ALDH1A1	0.447157338	5.73E-23
RP13-20L14.1	OCA2	0.544898639	2.59E-35
RP13-20L14.1	TMEM139	0.427443966	6.32E-21
RP13-20L14.1	ARHGAP24	0.40374965	1.21E-18
RP13-20L14.1	SLC25A15	0.335056543	5.61E-13
RP13-20L14.1	DES	0.287925585	7.94E-10
RP13-20L14.1	GDF10	0.441563245	2.25E-22
RP13-20L14.1	KIAA1324	0.445419	8.79E-23
RP13-20L14.1	JUN	0.442590139	1.75E-22
RP13-20L14.1	C7	0.153567304	0.001248405
RP13-20L14.1	LGI3	0.445444674	8.73E-23

RP13-20L14.1	CDON	0.516844086	2.37E-31
RP13-20L14.1	BCL2	0.415830501	8.76E-20
RP13-20L14.1	HLF	0.49074106	5.52E-28
RP13-20L14.1	EGR1	0.440422286	2.96E-22
RP13-20L14.1	IP6K3	0.375508275	3.78E-16
RP13-20L14.1	SCUBE3	0.438126062	5.13E-22
RP13-20L14.1	PKNOX2	0.60235078	1.07E-44
RP13-20L14.1	SMAD9	0.38140728	1.19E-16
RP13-20L14.1	IQGAP2	0.339579202	2.61E-13
RP13-20L14.1	GNA14	0.502365589	1.90E-29
RP13-20L14.1	LAYN	0.579137893	1.11E-40
RP13-20L14.1	AVPR1A	0.457073459	4.78E-24
RP13-20L14.1	PDLIM3	0.405775655	7.87E-19
RP13-20L14.1	GPM6A	0.398559173	3.64E-18
RP13-20L14.1	SDPR	0.426382381	8.07E-21
RP13-20L14.1	CRYAB	0.233131164	7.86E-07
RP13-20L14.1	FOXA2	0.525788745	1.42E-32
RP13-20L14.1	C8orf88	0.409932774	3.20E-19
RP13-20L14.1	ISM1	0.399693384	2.87E-18
RP13-20L14.1	BMP2	0.326073778	2.47E-12
RP13-20L14.1	ID4	0.56383271	3.33E-38
RP13-20L14.1	NUPR1	0.218295779	3.90E-06
RP13-20L14.1	SERTM1	0.278709564	2.83E-09
RP13-20L14.1	IRS1	0.481573894	7.21E-27
RP13-20L14.1	FIBIN	0.145206398	0.002289042
RP13-20L14.1	PODN	0.260693799	2.98E-08
RP13-20L14.1	TDRD9	0.326557194	2.29E-12
RP13-20L14.1	EPHA3	0.297193523	2.11E-10
RP13-20L14.1	AIF1L	0.369794524	1.13E-15
RP13-20L14.1	EBF4	0.621176188	3.34E-48
RP13-20L14.1	ADM2	0.393659483	1.01E-17
RP13-20L14.1	GSTM3	0.521493273	5.54E-32
RP13-20L14.1	HSD17B6	0.42265591	1.89E-20
RP13-20L14.1	AGR3	0.454439143	9.32E-24
RP13-20L14.1	EPHB1	0.291030258	5.12E-10
RP13-20L14.1	TMOD1	0.313363266	1.86E-11
RP13-20L14.1	WASF3	0.384648207	6.27E-17
RP13-20L14.1	SELV	0.557302448	3.48E-37
RP13-20L14.1	ENPP1	0.121684	0.01071733
RP13-20L14.1	SYNE1	0.501358845	2.55E-29
RP13-20L14.1	PLCH1	0.504232441	1.09E-29
RP13-20L14.1	CCDC146	0.647686742	1.44E-53
RP13-20L14.1	SLC16A2	0.510334996	1.74E-30
RP13-20L14.1	IER2	0.593964767	3.30E-43
RP13-20L14.1	KCNAB1	0.552341376	1.99E-36
RP13-20L14.1	SYNDIG1	0.46316651	9.97E-25
RP13-20L14.1	C16orf89	0.484515381	3.19E-27
RP13-20L14.1	CTGF	0.331776891	9.70E-13
RP13-20L14.1	NR4A3	0.224659049	1.99E-06
RP13-20L14.1	KIAA1456	0.468215849	2.66E-25
RP13-20L14.1	AQP4	0.363936797	3.40E-15

RP13-20L14.1	RNF150	0.525148962	1.74E-32
RP13-20L14.1	C1S	0.119234155	0.012418115
RP13-20L14.1	PFKFB2	0.211571223	7.79E-06
RP13-20L14.1	PROX1	0.448763901	3.85E-23
RP13-20L14.1	TCF7L1	0.652055781	1.68E-54
RP13-20L14.1	HSPB6	0.370497519	9.90E-16
RP13-20L14.1	FHDC1	0.358146306	9.87E-15
RP13-20L14.1	PRR15L	0.270404382	8.56E-09
RP13-20L14.1	SLC1A1	0.226419516	1.64E-06
RP13-20L14.1	BTBD11	0.584812211	1.24E-41
RP13-20L14.1	TRIM58	0.277131632	3.50E-09
RP13-20L14.1	LRIG1	0.387871545	3.28E-17
RP13-20L14.1	ROR2	0.431683641	2.36E-21
RP13-20L14.1	GPR125	0.483818344	3.87E-27
RP13-20L14.1	FLRT1	0.648689602	8.84E-54
RP13-20L14.1	PGF	0.560473482	1.12E-37
RP13-20L14.1	DUSP1	0.367577734	1.72E-15
RP13-20L14.1	PLA2G7	0.443123343	1.54E-22
RP13-20L14.1	PLSCR4	0.297778076	1.94E-10
RP13-20L14.1	FAM46B	0.270581975	8.36E-09
RP13-20L14.1	GLDC	0.428858042	4.56E-21
RP13-20L14.1	ZBTB16	0.298296244	1.79E-10
RP13-20L14.1	OMD	0.17356872	0.000258114
RP13-20L14.1	HSD11B2	0.603443146	6.81E-45
RP13-20L14.1	FGL2	0.186205945	8.68E-05
RP13-20L14.1	CLCNKA	0.626836131	2.64E-49
RP13-20L14.1	GATM	0.255232961	5.88E-08
RP13-20L14.1	TNS3	0.347508751	6.62E-14
RP13-20L14.1	TOB1	0.37292864	6.22E-16
RP13-20L14.1	MARC2	0.498773731	5.45E-29
RP13-20L14.1	LRRC2	0.314670814	1.52E-11
RP13-20L14.1	SORD	0.296604431	2.30E-10
RP13-20L14.1	RIMS4	0.441894094	2.07E-22
RP13-20L14.1	SLC29A4	0.597494921	7.90E-44
RP13-20L14.1	SLC39A14	0.287119811	8.89E-10
RP13-20L14.1	FAXDC2	0.493736166	2.34E-28
RP13-20L14.1	HSPB8	0.226287031	1.67E-06
RP13-20L14.1	CCL19	0.060761629	0.203856025
RP13-20L14.1	KCNIP3	0.591503716	8.86E-43
RP13-20L14.1	CGNL1	0.365965072	2.33E-15
RP13-20L14.1	ATF3	0.241564837	3.01E-07
RP13-20L14.1	SGCD	0.24366588	2.35E-07
RP13-20L14.1	STARD13	0.442664325	1.72E-22
RP13-20L14.1	LDHD	0.460555101	1.96E-24
RP13-20L14.1	RCAN1	0.350763579	3.73E-14
RP13-20L14.1	ID3	0.452432073	1.54E-23
RP13-20L14.1	SYTL3	0.418077505	5.31E-20
RP13-20L14.1	MT1E	0.312104796	2.26E-11
RP13-20L14.1	CAMK1D	0.444512879	1.10E-22
RP13-20L14.1	PRKCQ	0.456173012	6.01E-24
RP13-20L14.1	NUAK2	0.389430731	2.39E-17

RP13-20L14.1	LIPG	0.470415617	1.48E-25
RP13-20L14.1	SLC25A25	0.245012011	2.01E-07
RP13-20L14.1	PRKX	0.285186432	1.16E-09
RP13-20L14.1	SRPX	0.295540009	2.68E-10
RP13-20L14.1	FAM189A1	0.564676418	2.45E-38
RP13-20L14.1	PLEKHH1	0.571570623	1.94E-39
RP13-20L14.1	WNT11	0.535269201	6.54E-34
RP13-20L14.1	SNAI1	0.442759079	1.68E-22
RP13-20L14.1	FDCSP	0.069040003	0.148697334
RP13-20L14.1	MT1X	0.318466648	8.36E-12
RP13-20L14.1	ACACB	0.535961416	5.20E-34
RP13-20L14.1	ARC	0.330293594	1.24E-12
RP13-20L14.1	KLK4	0.186909122	8.16E-05
RP13-20L14.1	ZFPM2	0.422928825	1.78E-20
RP13-20L14.1	AKAP12	0.308237188	4.08E-11
RP13-20L14.1	GJB6	0.355289552	1.66E-14
RP13-20L14.1	ERO1LB	0.484215091	3.46E-27
RP13-20L14.1	DNALI1	0.672083912	5.36E-59
RP13-20L14.1	HKDC1	0.284592801	1.26E-09
RP13-20L14.1	ZFP36L2	0.423466284	1.57E-20
RP13-20L14.1	CAPSL	0.565611823	1.74E-38
RP13-20L14.1	CYP7B1	0.289247521	6.59E-10
RP13-20L14.1	CPQ	0.487246226	1.48E-27
RP13-20L14.1	RPS6KA6	0.537491116	3.13E-34
RP13-20L14.1	TLE1	0.392100581	1.39E-17
RP13-20L14.1	TP53INP2	0.505613892	7.22E-30
RP13-20L14.1	KATNAL2	0.574802614	5.77E-40
RP13-20L14.1	SGPP2	0.089797434	0.060121673
RP13-20L14.1	CTH	0.36766341	1.69E-15
RP13-20L14.1	KIF12	0.612431443	1.52E-46
RP13-20L14.1	TMEM220	0.465881042	4.91E-25
RP13-20L14.1	CENPJ	0.499335588	4.62E-29
RP13-20L14.1	FAM155B	0.417660899	5.83E-20
RP13-20L14.1	WFS1	0.489040169	8.94E-28
RP13-20L14.1	SELENBP1	0.551906188	2.32E-36
RP13-20L14.1	SNTA1	0.342112312	1.69E-13
RP13-20L14.1	FRAS1	0.226365189	1.65E-06
RP13-20L14.1	FBLN7	0.421260842	2.60E-20
RP13-20L14.1	AGPAT9	0.404774213	9.76E-19
RP13-20L14.1	GPR83	0.466381763	4.31E-25
RP13-20L14.1	PRTG	0.393666008	1.01E-17
RP13-20L14.1	EGR3	0.325719301	2.62E-12
RP13-20L14.1	GRAMD2	0.461451434	1.56E-24
RP13-20L14.1	HYOU1	0.371282928	8.52E-16
RP13-20L14.1	FBLN5	0.377272289	2.69E-16
RP13-20L14.1	ITM2A	0.479331004	1.34E-26
RP13-20L14.1	SRF	0.544106714	3.40E-35
RP13-20L14.1	FGFR2	0.434908114	1.10E-21
RP13-20L14.1	MT1A	0.250781375	1.01E-07
RP13-20L14.1	MAMDC2	0.319504829	7.09E-12
RP13-20L14.1	FHL2	0.329389743	1.44E-12

RP13-20L14.1	FTCDNL1	0.263593441	2.06E-08
RP13-20L14.1	PKIA	0.411298764	2.38E-19
RP13-20L14.1	DNAJB4	0.388845043	2.69E-17
RP13-20L14.1	SLC25A33	0.498499115	5.90E-29
RP13-20L14.1	EYA2	0.261290834	2.76E-08
RP13-20L14.1	LPAR1	0.159593545	0.000791198
RP13-20L14.1	STX11	0.080274231	0.092986821
RP13-20L14.1	ARHGEF28	0.280563912	2.20E-09
RP13-20L14.1	OR2W3	0.366656719	2.05E-15
RP13-20L14.1	ALDH1B1	0.198593478	2.78E-05
RP13-20L14.1	CXCL12	0.23358465	7.47E-07
RP13-20L14.1	OLFM2	0.579124701	1.12E-40
RP13-20L14.1	TUB	0.406743763	6.39E-19
RP13-20L14.1	HTRA3	0.345433383	9.51E-14
RP13-20L14.1	CKB	0.451526236	1.94E-23
RP13-20L14.1	RGS2	0.141750998	0.002914742
RP13-20L14.1	SHANK2	0.503354832	1.41E-29
RP13-20L14.1	CNTFR	0.439237998	3.93E-22
RP13-20L14.1	CYTH3	0.443178947	1.52E-22
RP13-20L14.1	PLAC9	0.498960402	5.16E-29
RP13-20L14.1	WWOX	0.503317101	1.43E-29
RP13-20L14.1	NPR3	0.412877666	1.68E-19
RP13-20L14.1	SDC2	0.447101451	5.81E-23
RP13-20L14.1	KLF15	0.421469925	2.48E-20
RP13-20L14.1	TMEM164	0.432773028	1.83E-21
RP13-20L14.1	LONRF3	0.207463893	1.17E-05
RP13-20L14.1	GBP1	0.168511628	0.000391075
RP13-20L14.1	ARHGAP6	0.322047158	4.73E-12
RP13-20L14.1	TMEM119	0.175318313	0.00022295
RP13-20L14.1	SH3RF1	0.267182178	1.30E-08
RP13-20L14.1	CRELD2	0.568579772	5.87E-39
RP13-20L14.1	PCP4	0.257340812	4.53E-08
RP13-20L14.1	GCSH	0.537474217	3.15E-34
RP13-20L14.1	IMPA2	0.473389587	6.69E-26
RP13-20L14.1	C1R	0.134207132	0.004852172
RP13-20L14.1	SUCNR1	0.272175204	6.78E-09
RP13-20L14.1	SFRP1	0.317445915	9.82E-12
RP13-20L14.1	UGT8	0.272877915	6.18E-09
RP13-20L14.1	TLE4	0.34464996	1.09E-13
RP13-20L14.1	ANTXR1	0.279933684	2.40E-09
RP13-20L14.1	GPX3	0.347996138	6.08E-14
RP13-20L14.1	DPY19L2	0.633497755	1.25E-50
RP13-20L14.1	FAM46C	0.309061462	3.60E-11
RP13-20L14.1	IL33	0.248667638	1.30E-07
RP13-20L14.1	PEG3	0.423219612	1.66E-20
RP13-20L14.1	FAHD2A	0.645772654	3.67E-53
RP13-20L14.1	PTGDS	0.178061214	0.000176714
RP13-20L14.1	CHCHD10	0.319805403	6.76E-12
RP13-20L14.1	CD36	0.40546047	8.42E-19
RP13-20L14.1	ANKRD37	0.642275976	1.98E-52
RP13-20L14.1	TSPAN33	0.420086488	3.38E-20

RP13-20L14.1	PRDM16	0.547581973	1.04E-35
RP13-20L14.1	UST	0.42538023	1.02E-20
RP13-20L14.1	NEXN	0.409060839	3.87E-19
RP13-20L14.1	NUPR1L	0.262184707	2.47E-08
RP13-20L14.1	SLC24A3	0.306048058	5.68E-11
RP13-20L14.1	MARC1	0.54436445	3.11E-35
RP13-20L14.1	MYH11	0.343118435	1.42E-13
RP13-20L14.1	APOA1	0.593459103	4.05E-43
RP13-20L14.1	TMEM178B	0.335030443	5.63E-13
RP13-20L14.1	CAPN6	0.352577205	2.70E-14
RP13-20L14.1	PPM1L	0.351755517	3.12E-14
RP13-20L14.1	FZD8	0.515186884	3.95E-31
RP13-20L14.1	RCAN2	0.445695886	8.21E-23
RP13-20L14.1	COPZ2	0.412275524	1.92E-19
RP13-20L14.1	GAS1	0.221772598	2.71E-06
RP13-20L14.1	DACT1	0.40189457	1.80E-18
RP13-20L14.1	WBSCR17	0.519779616	9.48E-32
RP13-20L14.1	NCS1	0.418559076	4.77E-20
RP13-20L14.1	SPIRE2	0.560920585	9.55E-38
RP13-20L14.1	C15orf52	0.281573723	1.92E-09
RP13-20L14.1	SPAG5	0.495305706	1.49E-28
RP13-20L14.1	ARL4D	0.321145009	5.46E-12
RP13-20L14.1	FAM189A2	0.608219571	9.16E-46
RP13-20L14.1	MAP1LC3A	0.61769639	1.55E-47
RP13-20L14.1	KLF6	0.118972447	0.012613189
RP13-20L14.1	ADD3	0.313924839	1.70E-11
RP13-20L14.1	TSPAN7	0.439360843	3.82E-22
RP13-20L14.1	KLF9	0.30505002	6.60E-11
RP13-20L14.1	KCNQ1	0.423604869	1.52E-20
RP13-20L14.1	MAN1A1	0.134237629	0.004842424
RP13-20L14.1	MLF1	0.358096234	9.96E-15
RP13-20L14.1	RARB	0.500255185	3.53E-29
RP13-20L14.1	CDC42EP2	0.461203769	1.66E-24
RP13-20L14.1	FAM3B	0.245497696	1.90E-07
RP13-20L14.1	GADD45B	0.278497338	2.91E-09
RP13-20L14.1	TMEM47	0.400585036	2.38E-18
RP13-20L14.1	SDF2L1	0.498540818	5.83E-29
RP13-20L14.1	CCDC85A	0.265258161	1.67E-08
RP13-20L14.1	CRYBG3	0.004379678	0.927092729
RP13-20L14.1	FBLN2	0.107510475	0.024277756
RP13-20L14.1	PEBP4	0.136450731	0.004180417
RP13-20L14.1	CDADC1	0.57112508	2.29E-39
RP13-20L14.1	FAM63A	0.385110062	5.71E-17
RP13-20L14.1	GLUL	0.277400291	3.38E-09
RP13-20L14.1	FREM2	0.166839957	0.000447512
RP13-20L14.1	ACKR3	0.523198704	3.23E-32
RP13-20L14.1	DENND6A	0.474538267	4.91E-26
RP13-20L14.1	CLDN8	0.036776185	0.442125005
RP13-20L14.1	UTS2R	0.445278977	9.09E-23
RP13-20L14.1	SCNN1B	0.48888669	9.34E-28
RP13-20L14.1	TTC30A	0.341023633	2.04E-13

RP13-20L14.1	COR02B	0.530913495	2.72E-33
RP13-20L14.1	TC2N	0.160927478	0.000713665
RP13-20L14.1	ALDH2	0.386319594	4.48E-17
RP13-20L14.1	GPR183	0.049619183	0.299590351
RP13-20L14.1	C4orf47	0.703911328	6.45E-67
RP13-20L14.1	SLC25A42	0.610718779	3.16E-46
RP13-20L14.1	LGMN	0.338476907	3.15E-13
RP13-20L14.1	ACSF2	0.471356915	1.15E-25
RP13-20L14.1	KIAA1467	0.340210565	2.34E-13
RP13-20L14.1	PRKG1	0.489386134	8.11E-28
RP13-20L14.1	GNAI1	0.400372549	2.48E-18
RP13-20L14.1	ABCC4	0.225729571	1.77E-06
RP13-20L14.1	PRPS1	0.363239759	3.87E-15
RP13-20L14.1	TSPAN5	0.303551404	8.26E-11
RP13-20L14.1	CR2	0.11982525	0.01198729
RP13-20L14.1	CCDC170	0.344000583	1.22E-13
RP13-20L14.1	RRAD	0.14490937	0.002337564
RP13-20L14.1	SCGB2A1	0.343879304	1.25E-13
RP13-20L14.1	SESN3	0.270652898	8.29E-09
RP13-20L14.1	SGK223	0.289505683	6.35E-10
RP13-20L14.1	NDRG2	0.510582662	1.62E-30
RP13-20L14.1	C3orf52	0.229691366	1.15E-06
RP13-20L14.1	FLRT3	-0.2536081	7.17E-08
RP13-20L14.1	MST1R	-0.327985029	1.81E-12
RP13-20L14.1	SDC1	-0.491205468	4.84E-28
RP13-20L14.1	ST8SIA4	-0.454493681	9.19E-24
RP13-20L14.1	UBTD1	-0.176832107	0.000196194
RP13-20L14.1	EPHA2	-0.193525266	4.47E-05
RP13-20L14.1	TMEM130	-0.032882193	0.49196931
RP13-20L14.1	SPINK2	-0.428795913	4.62E-21
RP13-20L14.1	MMP16	-0.434396187	1.25E-21
RP13-20L14.1	SIGLEC15	-0.330427214	1.21E-12
RP13-20L14.1	RIN1	-0.23617464	5.58E-07
RP13-20L14.1	IL1RN	-0.543099881	4.78E-35
RP13-20L14.1	FCER1G	-0.250886617	9.98E-08
RP13-20L14.1	CD276	-0.384335434	6.67E-17
RP13-20L14.1	CTSB	-0.513700749	6.24E-31
RP13-20L14.1	FAM171A2	-0.013257192	0.781788374
RP13-20L14.1	ASPHD1	-0.407204057	5.79E-19
RP13-20L14.1	C15orf48	-0.404749389	9.81E-19
RP13-20L14.1	DYSF	-0.106595844	0.025520603
RP13-20L14.1	PDZRN4	0.039717105	0.406470514
RP13-20L14.1	EFHD2	-0.053801125	0.260648514
RP13-20L14.1	ASF1B	-0.3541499	2.04E-14
RP13-20L14.1	AQP1	-0.090131059	0.059172005
RP13-20L14.1	ARRDC2	-0.110485013	0.020590467
RP13-20L14.1	PRSS1	-0.251188297	9.62E-08
RP13-20L14.1	MAPK13	-0.530473201	3.14E-33
RP13-20L14.1	CST5	-0.389591208	2.31E-17
RP13-20L14.1	AHR	-0.457298286	4.51E-24
RP13-20L14.1	BAX	-0.229983288	1.11E-06

RP13-20L14.1	C1orf115	-0.169439451	0.000362686
RP13-20L14.1	PLK3	-0.190219657	6.05E-05
RP13-20L14.1	JAG2	-0.079571661	0.095892981
RP13-20L14.1	RAD23B	-0.509944633	1.96E-30
RP13-20L14.1	CA12	0.047633746	0.319367933
RP13-20L14.1	ADTRP	-0.157002704	0.000964489
RP13-20L14.1	UCP2	-0.177881068	0.000179451
RP13-20L14.1	IGFBP2	-0.10199148	0.032643561
RP13-20L14.1	LOXL2	-0.179666926	0.000153989
RP13-20L14.1	GPX1	-0.264299841	1.89E-08
RP13-20L14.1	P3H3	-0.174147505	0.000245945
RP13-20L14.1	C2orf81	-0.088404919	0.064222441
RP13-20L14.1	CDT1	-0.381653385	1.14E-16
RP13-20L14.1	SNX25	-0.223215185	2.32E-06
RP13-20L14.1	MTHFD1L	-0.458799598	3.08E-24
RP13-20L14.1	CDC42BPG	-0.486447288	1.86E-27
RP13-20L14.1	MSN	-0.58881727	2.58E-42
RP13-20L14.1	SIGLEC6	-0.306829505	5.05E-11
RP13-20L14.1	F2R	-0.212663306	6.97E-06
RP13-20L14.1	TMEM184A	-0.35140558	3.32E-14
RP13-20L14.1	CKS2	-0.22773898	1.42E-06
RP13-20L14.1	TAX1BP3	-0.33493427	5.73E-13
RP13-20L14.1	PMEP1	-0.317243499	1.01E-11
RP13-20L14.1	CXCL16	-0.498338402	6.19E-29
RP13-20L14.1	FAXC	-0.420934026	2.79E-20
RP13-20L14.1	VTCN1	-0.465368892	5.62E-25
RP13-20L14.1	SH2D4A	-0.469044946	2.13E-25
RP13-20L14.1	RNF24	-0.393701044	9.98E-18
RP13-20L14.1	LY6G6C	-0.324645491	3.12E-12
RP13-20L14.1	NID1	-0.32865625	1.62E-12
RP13-20L14.1	STAC	-0.528330314	6.27E-33
RP13-20L14.1	RAB34	-0.190114406	6.11E-05
RP13-20L14.1	HES4	-0.02892678	0.545523333
RP13-20L14.1	EPHA10	-0.422045541	2.17E-20
RP13-20L14.1	ENTPD2	-0.181726123	0.000128845
RP13-20L14.1	DDB2	-0.350797623	3.70E-14
RP13-20L14.1	NKAIN4	-0.08271599	0.083430585
RP13-20L14.1	TRIM29	-0.283434476	1.48E-09
RP13-20L14.1	ADCY8	-0.415989225	8.46E-20
RP13-20L14.1	SFTA2	-0.366001385	2.31E-15
RP13-20L14.1	NRIP1	-0.415911922	8.61E-20
RP13-20L14.1	VWA1	0.084994909	0.075242378
RP13-20L14.1	APLNR	-0.144385386	0.002425456
RP13-20L14.1	REN	-0.319693996	6.88E-12
RP13-20L14.1	EDIL3	-0.243674958	2.35E-07
RP13-20L14.1	AGRN	-0.280325041	2.27E-09
RP13-20L14.1	TREM1	-0.363732253	3.53E-15
RP13-20L14.1	SRL	-0.323724645	3.61E-12
RP13-20L14.1	RASGRF1	-0.253875056	6.94E-08
RP13-20L14.1	RMI2	-0.320677764	5.89E-12
RP13-20L14.1	SAMD1	-0.200330108	2.35E-05

RP13-20L14.1	MGAT4B	-0.469009201	2.15E-25
RP13-20L14.1	NXN	-0.330403951	1.22E-12
RP13-20L14.1	SH3BGRL3	-0.316828879	1.08E-11
RP13-20L14.1	CA11	-0.085111224	0.074842649
RP13-20L14.1	PLD3	-0.096025098	0.044340056
RP13-20L14.1	LURAP1L	-0.533245039	1.27E-33
RP13-20L14.1	CARNS1	-0.081971859	0.086254993
RP13-20L14.1	PDLIM7	-0.1026549	0.031522757
RP13-20L14.1	BCL2L1	-0.481222963	7.94E-27
RP13-20L14.1	GGT6	-0.268762641	1.06E-08
RP13-20L14.1	DPYSL3	-0.250716684	1.02E-07
RP13-20L14.1	FYN	-0.339612395	2.60E-13
RP13-20L14.1	TK1	-0.327170825	2.07E-12
RP13-20L14.1	AK1	-0.171839933	0.000297896
RP13-20L14.1	HIGD1B	0.050530552	0.29079052
RP13-20L14.1	TMEM59L	-0.136365339	0.00420436
RP13-20L14.1	MEGF9	-0.483136342	4.68E-27
RP13-20L14.1	ZFP36L1	-0.330369198	1.22E-12
RP13-20L14.1	ADRA1B	-0.219903618	3.30E-06
RP13-20L14.1	EPHA4	-0.410070933	3.11E-19
RP13-20L14.1	TCERG1L	-0.003448166	0.942569011
RP13-20L14.1	NGFR	-0.06696569	0.161315978
RP13-20L14.1	EBI3	-0.391600569	1.54E-17
RP13-20L14.1	S100A10	-0.319482843	7.12E-12
RP13-20L14.1	S100B	-0.301869662	1.06E-10
RP13-20L14.1	CD44	-0.210656308	8.54E-06
RP13-20L14.1	BHLHE41	-0.3355462	5.17E-13
RP13-20L14.1	FBXO2	-0.156233466	0.001022318
RP13-20L14.1	SLC30A2	-0.424799933	1.16E-20
RP13-20L14.1	FRMD5	-0.573198463	1.05E-39
RP13-20L14.1	SAMD11	-0.109420024	0.021850522
RP13-20L14.1	SIPA1L2	-0.261338211	2.75E-08
RP13-20L14.1	S100A16	-0.388708444	2.77E-17
RP13-20L14.1	PPL	-0.497403912	8.12E-29
RP13-20L14.1	ARHGD1B	-0.092243874	0.053441909
RP13-20L14.1	CDC42EP3	-0.491114544	4.96E-28
RP13-20L14.1	RUNX2	-0.255170122	5.92E-08
RP13-20L14.1	LAMC2	-0.529988509	3.67E-33
RP13-20L14.1	BRINP1	-0.354364089	1.96E-14
RP13-20L14.1	GPRC5B	-0.467493988	3.21E-25
RP13-20L14.1	AQP5	0.036119007	0.450329444
RP13-20L14.1	PLAG1	-0.176546852	0.000200994
RP13-20L14.1	PTPRU	-0.38108869	1.27E-16
RP13-20L14.1	ANGPTL4	-0.317102928	1.04E-11
RP13-20L14.1	PALM3	-0.142264201	0.002812908
RP13-20L14.1	ACP5	-0.291059194	5.10E-10
RP13-20L14.1	DLG4	-0.092647288	0.052402102
RP13-20L14.1	ETNK2	-0.236892813	5.14E-07
RP13-20L14.1	CD109	-0.350754926	3.73E-14
RP13-20L14.1	SNX22	-0.085146544	0.074721611
RP13-20L14.1	TMEM98	-0.288679848	7.14E-10

RP13-20L14.1	CTHRC1	-0.228454032	1.32E-06
RP13-20L14.1	S100A2	-0.301496178	1.12E-10
RP13-20L14.1	C11orf80	-0.424037078	1.38E-20
RP13-20L14.1	SREBF1	-0.266496063	1.42E-08
RP13-20L14.1	PRSS22	-0.305047467	6.60E-11
RP13-20L14.1	CMTM3	-0.296681738	2.27E-10
RP13-20L14.1	RDH5	-0.218233792	3.93E-06
RP13-20L14.1	MYH10	-0.433061687	1.71E-21
RP13-20L14.1	EVPL	-0.344991954	1.03E-13
RP13-20L14.1	SCD	-0.46569664	5.15E-25
RP13-20L14.1	CD151	-0.21755562	4.21E-06
RP13-20L14.1	S100A4	-0.291938648	4.50E-10
RP13-20L14.1	BNIP1	-0.169761303	0.000353295
RP13-20L14.1	MAP3K6	-0.362044554	4.83E-15
RP13-20L14.1	MANEAL	-0.464038729	7.95E-25
RP13-20L14.1	CD207	-0.306623183	5.21E-11
RP13-20L14.1	CD1A	-0.348758466	5.31E-14
RP13-20L14.1	C3	-0.248221164	1.37E-07
RP13-20L14.1	NT5E	-0.354599414	1.88E-14
RP13-20L14.1	CACNG4	-0.37787867	2.39E-16
RP13-20L14.1	FHOD1	-0.189084736	6.71E-05
RP13-20L14.1	LEMD1	-0.375517921	3.78E-16
RP13-20L14.1	ATP11A	-0.212477344	7.10E-06
RP13-20L14.1	PPAP2C	-0.170412382	0.000334987
RP13-20L14.1	DRAM1	-0.404751517	9.80E-19
RP13-20L14.1	CDA	-0.086325721	0.07077129
RP13-20L14.1	CCND2	-0.227355283	1.49E-06
RP13-20L14.1	LCN6	0.040255701	0.400131206
RP13-20L14.1	CDH4	-0.381844311	1.09E-16
RP13-20L14.1	MMP11	-0.336379694	4.49E-13
RP13-20L14.1	B3GAT1	-0.249733824	1.15E-07
RP13-20L14.1	SPP1	-0.315971838	1.24E-11
RP13-20L14.1	HLA-DQB1	-0.327505727	1.96E-12
RP13-20L14.1	SDC3	-0.2869869	9.06E-10
RP13-20L14.1	CX3CL1	-0.316264611	1.18E-11
RP13-20L14.1	SDK1	-0.184707612	9.92E-05
RP13-20L14.1	DOCK9	-0.486823379	1.67E-27
RP13-20L14.1	CSF2	-0.363613788	3.61E-15
RP13-20L14.1	GRHL3	-0.495766994	1.31E-28
RP13-20L14.1	TMEM92	-0.428738104	4.68E-21
RP13-20L14.1	BASP1	-0.333355084	7.46E-13
RP13-20L14.1	HRH1	-0.385373047	5.42E-17
RP13-20L14.1	ESM1	0.027736398	0.562186628
RP13-20L14.1	B4GALNT3	-0.381837502	1.10E-16
RP13-20L14.1	LMO3	-0.233825223	7.27E-07
RP13-20L14.1	C9orf16	-0.323040799	4.03E-12
RP13-20L14.1	SEMA3F	-0.053016568	0.267674841
RP13-20L14.1	PLA2G12B	-0.262497116	2.37E-08
RP13-20L14.1	KLK6	-0.210665842	8.53E-06
RP13-20L14.1	ST3GAL5	-0.217661012	4.17E-06
RP13-20L14.1	FAM132B	-0.17127992	0.000311964

RP13-20L14.1	CDKN1A	-0.263330598	2.13E-08
RP13-20L14.1	E2F1	-0.413627329	1.43E-19
RP13-20L14.1	B3GNT8	-0.216959294	4.48E-06
RP13-20L14.1	MTMR11	-0.337727953	3.58E-13
RP13-20L14.1	MYO1G	-0.292234399	4.31E-10
RP13-20L14.1	TMSB10	-0.2338143	7.28E-07
RP13-20L14.1	UNC5CL	-0.405558203	8.25E-19
RP13-20L14.1	ABR	-0.50922958	2.44E-30
RP13-20L14.1	PLP2	-0.357913535	1.03E-14
RP13-20L14.1	SRCIN1	-0.390197983	2.05E-17
RP13-20L14.1	PDE9A	-0.385118431	5.70E-17
RP13-20L14.1	TREM2	-0.243716661	2.34E-07
RP13-20L14.1	KDEL3	-0.371548466	8.10E-16
RP13-20L14.1	PC	-0.384885376	5.98E-17
RP13-20L14.1	C2CD4A	-0.551866187	2.35E-36
RP13-20L14.1	PELI1	-0.379523122	1.73E-16
RP13-20L14.1	SSX1	-0.175310369	0.000223099
RP13-20L14.1	MROH6	-0.309223026	3.51E-11
RP13-20L14.1	ESPN	-0.23305102	7.93E-07
RP13-20L14.1	BMP1	-0.136596976	0.004139698
RP13-20L14.1	TM4SF4	-0.318328431	8.54E-12
RP13-20L14.1	CORO2A	-0.481004235	8.43E-27
RP13-20L14.1	CD164L2	-0.361333983	5.51E-15
RP13-20L14.1	CTSS	-0.454709715	8.71E-24
RP13-20L14.1	CLU	-0.178818395	0.000165632
RP13-20L14.1	TMSB4X	-0.297724316	1.95E-10
RP13-20L14.1	WNT10A	-0.232069941	8.84E-07
RP13-20L14.1	NAPSA	-0.215148471	5.41E-06
RP13-20L14.1	PLEKHA4	-0.232841511	8.11E-07
RP13-20L14.1	SFTPA1	-0.032991203	0.490534248
RP13-20L14.1	C1orf116	-0.3998758	2.76E-18
RP13-20L14.1	TM4SF1	-0.318973327	7.71E-12
RP13-20L14.1	SEL1L3	-0.367038998	1.90E-15
RP13-20L14.1	VASN	-0.285334804	1.14E-09
RP13-20L14.1	NPTXR	-0.539899948	1.40E-34
RP13-20L14.1	PDE4C	-0.349728661	4.48E-14
RP13-20L14.1	CDC42EP1	-0.284399179	1.30E-09
RP13-20L14.1	ENDOD1	-0.571013872	2.38E-39
RP13-20L14.1	RYR1	-0.315162032	1.40E-11
RP13-20L14.1	IL1RAP	-0.445372332	8.89E-23
RP13-20L14.1	SLC35F2	-0.475417879	3.87E-26
RP13-20L14.1	ISYNA1	-0.039294542	0.411485678
RP13-20L14.1	HLA-G	-0.417648133	5.85E-20
RP13-20L14.1	CDKN2B	-0.485774276	2.24E-27
RP13-20L14.1	ALDH1A3	-0.445922558	7.76E-23
RP13-20L14.1	CLIP3	-0.198592478	2.78E-05
RP13-20L14.1	ULBP2	-0.422329945	2.04E-20
RP13-20L14.1	ETHE1	-0.43998029	3.29E-22
RP13-20L14.1	XPR1	-0.44925143	3.41E-23
RP13-20L14.1	SPTBN2	-0.615249382	4.50E-47
RP13-20L14.1	IVL	-0.470041162	1.64E-25

RP13-20L14.1	MARCO	-0.387244155	3.72E-17
RP13-20L14.1	PLXND1	-0.148661089	0.001788431
RP13-20L14.1	EMILIN2	-0.39298358	1.16E-17
RP13-20L14.1	PLAUR	-0.344656201	1.09E-13
RP13-20L14.1	CDC42EP5	-0.213481339	6.41E-06
RP13-20L14.1	TRPC5	-0.210263382	8.88E-06
RP13-20L14.1	TMEM100	-0.268361781	1.12E-08
RP13-20L14.1	QSOX1	-0.407373281	5.58E-19
RP13-20L14.1	ARHGAP23	-0.288128487	7.72E-10
RP13-20L14.1	MDF1	-0.133314487	0.005145461
RP13-20L14.1	FSTL3	-0.266647556	1.39E-08
RP13-20L14.1	INF2	-0.30049814	1.30E-10
RP13-20L14.1	TGFBR1	-0.49098986	5.14E-28
RP13-20L14.1	TGFBI	-0.215446066	5.24E-06
RP13-20L14.1	ERBB3	-0.518657746	1.35E-31
RP13-20L14.1	CCL18	-0.272426983	6.56E-09
RP13-20L14.1	CCL17	-0.313721158	1.76E-11
RP13-20L14.1	C16orf45	-0.229349514	1.19E-06
RP13-20L14.1	PRDM1	-0.228044377	1.38E-06
RP13-20L14.1	TRIM47	-0.402811188	1.48E-18
RP13-20L14.1	CNFN	-0.276189908	3.98E-09
RP13-20L14.1	ARMCX3	-0.263761956	2.02E-08
RP13-20L14.1	RAMP1	-0.109863296	0.021318156
RP13-20L14.1	GABRD	0.050603745	0.290091389
RP13-20L14.1	COL13A1	-0.058813584	0.218759711
RP13-20L14.1	S100A5	-0.296791812	2.24E-10
RP13-20L14.1	MISP	-0.310565895	2.86E-11
RP13-20L14.1	HES6	-0.190699526	5.79E-05
RP13-20L14.1	PSD3	-0.55756235	3.17E-37
RP13-20L14.1	DOK7	-0.27219946	6.76E-09
RP13-20L14.1	ZMAT3	-0.568459628	6.13E-39
RP13-20L14.1	MFAP2	-0.085374635	0.073943799
RP13-20L14.1	TMEM79	-0.372373308	6.92E-16
RP13-20L14.1	SLC1A5	-0.230871678	1.01E-06
RP13-20L14.1	BBC3	-0.281726918	1.88E-09
RP13-20L14.1	HLA-DQB2	-0.300912618	1.22E-10
RP13-20L14.1	C1QL1	-0.167001379	0.000441749
RP13-20L14.1	TMEM215	-0.145757512	0.002201441
RP13-20L14.1	PNP	-0.337573481	3.67E-13
RP13-20L14.1	ARNTL	-0.289792356	6.10E-10
RP13-20L14.1	CLDN2	-0.239390894	3.87E-07
RP13-20L14.1	MVP	-0.431476686	2.48E-21
RP13-20L14.1	LGALS1	-0.22669626	1.60E-06
RP13-20L14.1	BIRC7	-0.295400783	2.73E-10
RP13-20L14.1	COL8A1	-0.496262608	1.13E-28
RP13-20L14.1	PERP	-0.555775925	5.97E-37
RP13-20L14.1	GJA4	-0.064225484	0.179199529
RP13-20L14.1	IGFL2	-0.329637017	1.38E-12
RP13-20L14.1	DAPK2	-0.267425305	1.26E-08
RP13-20L14.1	MAMLD1	-0.402983249	1.43E-18
RP13-20L14.1	ETV5	-0.271064256	7.85E-09

RP13-20L14.1	RUNX1	-0.53254559	1.60E-33
RP13-20L14.1	LONRF2	-0.235689947	5.89E-07
RP13-20L14.1	SPOCK1	-0.07969521	0.095376739
RP13-20L14.1	XKRX	-0.301558449	1.11E-10
RP13-20L14.1	TGFB1	-0.104996231	0.027826308
RP13-20L14.1	ERP27	-0.189749291	6.31E-05
RP13-20L14.1	TNFRSF10C	-0.455015254	8.06E-24
RP13-20L14.1	PALM	-0.247565262	1.49E-07
RP13-20L14.1	TSC22D1	-0.128527991	0.007007769
RP13-20L14.1	TGM2	-0.476765837	2.69E-26
RP13-20L14.1	UBE2QL1	-0.18891069	6.81E-05
RP13-20L14.1	ECE1	-0.366687358	2.03E-15
RP13-20L14.1	COL8A2	-0.352861217	2.56E-14
RP13-20L14.1	HIST3H2A	-0.324470478	3.20E-12
RP13-20L14.1	TNFRSF21	-0.448674679	3.94E-23
RP13-20L14.1	SOX4	-0.375458061	3.82E-16
RP13-20L14.1	ELF3	-0.437767472	5.59E-22
RP13-20L14.1	TPD52L1	-0.40736321	5.59E-19
RP13-20L14.1	INHBB	-0.171606311	0.000303692
RP13-20L14.1	HPN	-0.221684795	2.73E-06
RP13-20L14.1	MMP7	-0.397679516	4.37E-18
RP13-20L14.1	RAB27A	-0.468434293	2.51E-25
RP13-20L14.1	IGF2BP2	-0.306883255	5.00E-11
RP13-20L14.1	ITGB4	-0.324453456	3.21E-12
RP13-20L14.1	PPP1R1B	-0.255881345	5.42E-08
RP13-20L14.1	NPDC1	-0.044715805	0.349944712
RP13-20L14.1	CCL13	-0.381538907	1.16E-16
RP13-20L14.1	SPINT1	-0.538162886	2.51E-34
RP13-20L14.1	HEY2	-0.183765604	0.000107784
RP13-20L14.1	CST2	-0.408248204	4.62E-19
RP13-20L14.1	ADM	-0.338547972	3.11E-13
RP13-20L14.1	VSTM2L	-0.426848066	7.25E-21
RP13-20L14.1	FAM84A	-0.384380825	6.61E-17
RP13-20L14.1	P4HA2	-0.458122987	3.66E-24
RP13-20L14.1	LPL	-0.254963309	6.07E-08
RP13-20L14.1	TMEM173	-0.235001988	6.37E-07
RP13-20L14.1	DHRS3	-0.254051373	6.79E-08
RP13-20L14.1	SCN1B	-0.366786652	2.00E-15
RP13-20L14.1	GLT1D1	-0.242240031	2.78E-07
RP13-20L14.1	PHYHIP	-0.340475677	2.24E-13
RP13-20L14.1	BHLHE40	-0.466515667	4.16E-25
RP13-20L14.1	BID	-0.350466693	3.93E-14
RP13-20L14.1	POSTN	-0.362346831	4.57E-15
RP13-20L14.1	ITGA3	-0.591351798	9.41E-43
RP13-20L14.1	RSP04	-0.295897323	2.54E-10
RP13-20L14.1	ADAMTS9	-0.077197137	0.106254569
RP13-20L14.1	ABTB2	-0.502368142	1.90E-29
RP13-20L14.1	KCNQ3	-0.539798385	1.45E-34
RP13-20L14.1	ANXA1	-0.310657528	2.82E-11
RP13-20L14.1	S100A11	-0.411243443	2.41E-19
RP13-20L14.1	CEACAM6	-0.460613942	1.93E-24

RP13-20L14.1	IER5L	-0.290336482	5.65E-10
RP13-20L14.1	KRT80	-0.483881608	3.80E-27
RP13-20L14.1	CDH6	-0.441162871	2.47E-22
RP13-20L14.1	UNC5B	-0.368395342	1.47E-15
RP13-20L14.1	PLEKHN1	-0.345576223	9.28E-14
RP13-20L14.1	SYTL1	-0.17903301	0.000162612
RP13-20L14.1	TMEM163	-0.295843988	2.56E-10
RP13-20L14.1	C4orf48	-0.048090778	0.314741521
RP13-20L14.1	B3GNT7	-0.287073143	8.95E-10
RP13-20L14.1	BAIAP3	-0.19455905	4.06E-05
RP13-20L14.1	PHLDA2	-0.353870886	2.14E-14
RP13-20L14.1	GAP43	-0.29475908	3.00E-10
RP13-20L14.1	S100A1	-0.428641441	4.79E-21
RP13-20L14.1	PTPRE	-0.51396572	5.75E-31
RP13-20L14.1	CCND1	-0.440488245	2.91E-22
RP13-20L14.1	ST6GALNAC5	-0.493894108	2.24E-28
RP13-20L14.1	KRT17	-0.130767051	0.006072262
RP13-20L14.1	HPCAL4	-0.213174382	6.62E-06
RP13-20L14.1	GABBR2	-0.290486699	5.53E-10
RP13-20L14.1	DIRAS3	-0.182450538	0.000120957
RP13-20L14.1	SERINC2	-0.448233392	4.39E-23
RP13-20L14.1	PTCHD4	-0.301175745	1.17E-10
RP13-20L14.1	EPS8	-0.427211337	6.67E-21
RP13-20L14.1	LY6E	-0.277023403	3.56E-09
RP13-20L14.1	UPP1	-0.378686932	2.04E-16
RP13-20L14.1	AHNAK2	-0.535977586	5.17E-34
RP13-20L14.1	PLXNC1	-0.360799418	6.07E-15
RP13-20L14.1	TNC	-0.442665743	1.72E-22
RP13-20L14.1	DUSP4	-0.331444968	1.02E-12
RP13-20L14.1	NRCAM	-0.425839106	9.14E-21
RP13-20L14.1	NRP2	-0.30864358	3.83E-11
RP13-20L14.1	CTSC	-0.490312681	6.24E-28
RP13-20L14.1	AMIGO2	-0.2284285	1.32E-06
RP13-20L14.1	NAB2	-0.207002747	1.23E-05
RP13-20L14.1	TBC1D2	-0.549950823	4.58E-36
RP13-20L14.1	PHLDA3	-0.329061082	1.52E-12
RP13-20L14.1	PTP4A3	-0.223644699	2.22E-06
RP13-20L14.1	CRABP2	-0.24464264	2.10E-07
RP13-20L14.1	GOS2	-0.195697233	3.65E-05
RP13-20L14.1	S100A6	-0.422955492	1.77E-20
RP13-20L14.1	FOXQ1	-0.368159024	1.54E-15
RP13-20L14.1	LRG1	-0.343739017	1.28E-13
RP13-20L14.1	LAMP5	-0.177481626	0.000185663
RP13-20L14.1	ALDH3B1	-0.44425032	1.17E-22
RP13-20L14.1	CDH2	-0.007206836	0.880313802
RP13-20L14.1	SCG5	-0.098303875	0.039512305
RP13-20L14.1	ZCCHC16	-0.18627519	8.63E-05
RP13-20L14.1	GRB7	-0.316982926	1.06E-11
RP13-20L14.1	TIAM1	-0.270384523	8.58E-09
RP13-20L14.1	FXYD5	-0.179633876	0.000154427
RP13-20L14.1	CLDN9	-0.266125841	1.49E-08

RP13-20L14.1	FAM43A	-0.354622961	1.87E-14
RP13-20L14.1	CHST2	-0.309529559	3.35E-11
RP13-20L14.1	HMG2	-0.278448827	2.93E-09
RP13-20L14.1	GALNT7	-0.488513064	1.04E-27
RP13-20L14.1	CBLN1	-0.336853323	4.15E-13
RP13-20L14.1	STRA6	-0.307455751	4.59E-11
RP13-20L14.1	MUC21	-0.521097324	6.27E-32
RP13-20L14.1	PRR36	-0.209688342	9.41E-06
RP13-20L14.1	NFE2L3	-0.401470589	1.97E-18
RP13-20L14.1	NR1D1	-0.327061177	2.11E-12
RP13-20L14.1	MUC1	-0.465034639	6.13E-25
RP13-20L14.1	NAT8L	-0.089219548	0.061796419
RP13-20L14.1	APOC1	0.014692403	0.758859428
RP13-20L14.1	EVA1A	-0.388244745	3.04E-17
RP13-20L14.1	ENTPD1	-0.231101187	9.84E-07
RP13-20L14.1	COL1A1	-0.30119688	1.17E-10
RP13-20L14.1	FNDC4	-0.345371112	9.62E-14
RP13-20L14.1	FRMD3	-0.229501433	1.17E-06
RP13-20L14.1	SHROOM4	-0.389250017	2.48E-17
RP13-20L14.1	NELL2	-0.138987812	0.003522952
RP13-20L14.1	EPHB3	-0.439540705	3.66E-22
RP13-20L14.1	TMC6	-0.360000109	7.04E-15
RP13-20L14.1	NOD1	-0.236850258	5.17E-07
RP13-20L14.1	GGCT	-0.380369099	1.46E-16
RP13-20L14.1	ICAM1	-0.488525263	1.03E-27
RP13-20L14.1	PRSS23	-0.355382979	1.63E-14
RP13-20L14.1	CFI	-0.357624308	1.09E-14
RP13-20L14.1	CD55	-0.458126249	3.65E-24
RP13-20L14.1	RASD2	-0.261195371	2.80E-08
RP13-20L14.1	KLK11	-0.22189647	2.67E-06
RP13-20L14.1	ICAM5	-0.165483188	0.000498792
RP13-20L14.1	ADORA1	-0.458662858	3.19E-24
RP13-20L14.1	ITGA2	-0.539931438	1.39E-34
RP13-20L14.1	ABCC3	-0.235684273	5.90E-07
RP13-20L14.1	MFGE8	-0.3673156	1.81E-15
RP13-20L14.1	STK32A	-0.353158813	2.43E-14
RP13-20L14.1	CYSLTR2	-0.196853572	3.27E-05
RP13-20L14.1	LAD1	-0.491378947	4.60E-28
RP13-20L14.1	MGAT3	-0.353853865	2.15E-14
RP13-20L14.1	IGFBP6	-0.190957688	5.66E-05
RP13-20L14.1	CYP2S1	-0.455731867	6.72E-24
RP13-20L14.1	KCNJ2	-0.264886521	1.75E-08
RP13-20L14.1	FAM20A	-0.276518427	3.80E-09
RP13-20L14.1	TGFA	-0.445481412	8.65E-23
RP13-20L14.1	MXRA8	-0.242209392	2.79E-07
RP13-20L14.1	C8orf4	-0.273235371	5.90E-09
RP13-20L14.1	CLDN10	-0.308620914	3.85E-11
RP13-20L14.1	PDE5A	-0.46765924	3.08E-25
RP13-20L14.1	APOE	0.02318778	0.628018353
RP13-20L14.1	SPOCK2	-0.347941669	6.13E-14
RP13-20L14.1	TENM1	-0.072234751	0.130751359

RP13-20L14.1	SLIT1	-0.158244861	0.000877448
RP13-20L14.1	CXCL14	-0.04781219	0.317556343
RP13-20L14.1	ECM1	-0.158490683	0.000861107
RP13-20L14.1	DUSP5	-0.429768844	3.69E-21
RP13-20L14.1	SEZ6L2	-0.396489053	5.60E-18
RP13-20L14.1	THRSP	-0.317673438	9.47E-12
RP13-20L14.1	C19orf33	-0.33732156	3.83E-13
RP13-20L14.1	MPZL2	-0.497865199	7.10E-29
RP13-20L14.1	CTSH	-0.358823769	8.73E-15
RP13-20L14.1	CYP1B1	-0.473155965	7.13E-26
RP13-20L14.1	ALOX5	-0.480931609	8.60E-27
RP13-20L14.1	SYTL5	-0.397943995	4.14E-18
RP13-20L14.1	TNFRSF12A	-0.24072964	3.31E-07
RP13-20L14.1	DUSP6	-0.317003635	1.05E-11
RP13-20L14.1	ALOX15B	-0.522574434	3.94E-32
RP13-20L14.1	SDC4	-0.351329266	3.37E-14
RP13-20L14.1	MDK	-0.201943479	2.02E-05
RP13-20L14.1	KRT19	-0.427863693	5.74E-21
RP13-20L14.1	MET	-0.610427566	3.58E-46
RP13-20L14.1	TESC	-0.074074652	0.121203698
RP13-20L14.1	CXCL17	-0.527604074	7.92E-33
RP13-20L14.1	NPC2	-0.312849495	2.01E-11
RP13-20L14.1	COMP	-0.271088086	7.83E-09
RP13-20L14.1	TUSC3	-0.257835008	4.26E-08
RP13-20L14.1	TMPRSS4	-0.455648319	6.87E-24
RP13-20L14.1	LGALS3	-0.426138687	8.54E-21
RP13-20L14.1	CRLF1	-0.213290413	6.54E-06
RP13-20L14.1	CTXN1	-0.238447317	4.31E-07
RP13-20L14.1	PCSK1N	-0.085332222	0.074087928
RP13-20L14.1	NMU	-0.371989947	7.44E-16
RP13-20L14.1	GALE	-0.305173711	6.47E-11
RP13-20L14.1	PCSK2	-0.171562338	0.000304794
RP13-20L14.1	GJB3	-0.315619489	1.31E-11
RP13-20L14.1	SLPI	-0.376838945	2.92E-16
RP13-20L14.1	AGR2	-0.208574557	1.05E-05
RP13-20L14.1	MRC2	-0.259077165	3.65E-08
RP13-20L14.1	GOLT1A	-0.23178787	9.12E-07
RP13-20L14.1	SLC27A6	-0.335869056	4.89E-13
RP13-20L14.1	KCNN4	-0.374327396	4.75E-16
RP13-20L14.1	ETV4	-0.140529697	0.003170703
RP13-20L14.1	SYT12	-0.374334914	4.75E-16
RP13-20L14.1	PVRL4	-0.506644271	5.31E-30
RP13-20L14.1	PLCD3	-0.392889252	1.18E-17
RP13-20L14.1	PLAU	-0.435346706	9.95E-22
RP13-20L14.1	LRRK2	-0.221115136	2.90E-06
RP13-20L14.1	SFN	-0.397609363	4.44E-18
RP13-20L14.1	LPAR5	-0.397421699	4.61E-18
RP13-20L14.1	NGEF	-0.446320865	7.04E-23
RP13-20L14.1	DTX4	-0.454757092	8.60E-24
RP13-20L14.1	CST6	-0.285115508	1.18E-09
RP13-20L14.1	QPCT	-0.317593862	9.59E-12

RP13-20L14.1	TIMP1	-0.268094257	1.16E-08
RP13-20L14.1	CAMK2N1	-0.292185462	4.34E-10
RP13-20L14.1	KLHDC8A	-0.15493457	0.001127272
RP13-20L14.1	PDLIM4	-0.394671989	8.17E-18
RP13-20L14.1	SCEL	-0.475186367	4.12E-26
RP13-20L14.1	LCN2	-0.568263311	6.60E-39
RP13-20L14.1	PROS1	-0.598324161	5.63E-44
RP13-20L14.1	GABRB2	-0.49409816	2.11E-28
RP13-20L14.1	TMPRSS6	-0.42709871	6.84E-21
RP13-20L14.1	KLK7	-0.309847628	3.19E-11
RP13-20L14.1	PDZK1IP1	-0.433521131	1.53E-21
RP13-20L14.1	CDH3	-0.281228467	2.01E-09
RP13-20L14.1	LRP4	-0.203434862	1.74E-05
RP13-20L14.1	IGSF1	-0.206322022	1.32E-05
RP13-20L14.1	B3GNT3	-0.522754296	3.72E-32
RP13-20L14.1	CLDN1	-0.472183743	9.25E-26
RP13-20L14.1	GDF15	-0.516761389	2.43E-31
RP13-20L14.1	ARHGAP36	-0.23986057	3.66E-07
RP13-20L14.1	LAMB3	-0.386927693	3.97E-17
RP13-20L14.1	KLK10	-0.344923867	1.04E-13
RP13-20L14.1	DPP4	-0.559812757	1.42E-37
RP13-20L14.1	METTL7B	-0.28867389	7.15E-10
RP13-20L14.1	LIPH	-0.53003234	3.62E-33
RP13-20L14.1	CLDN16	-0.469897874	1.70E-25
RP13-20L14.1	CHI3L1	-0.485339656	2.53E-27
RP13-20L14.1	SLC22A31	-0.224829842	1.95E-06
RP13-20L14.1	TACSTD2	-0.439619147	3.59E-22
RP13-20L14.1	SFTPB	-0.428155614	5.36E-21
RP13-20L14.1	RXRG	-0.220254974	3.18E-06
RP13-20L14.1	DCSTAMP	-0.493322726	2.64E-28
RP13-20L14.1	CITED1	-0.364424185	3.11E-15
RP13-20L14.1	SERPINA1	-0.471259183	1.18E-25
RP13-20L14.1	PRR15	-0.17279797	0.000275194
RP13-20L14.1	SLC34A2	-0.594862661	2.30E-43
RP13-20L14.1	FN1	-0.615289667	4.42E-47
RP13-20L14.1	ZCCHC12	-0.174275735	0.000243322
LINC01508	TFF3	0.706256578	0
LINC01508	CCL21	0.361065055	5.79E-15
LINC01508	TPO	0.714522846	0
LINC01508	MT1G	0.648830411	0
LINC01508	DIO1	0.636138825	0
LINC01508	DPT	0.291225633	4.98E-10
LINC01508	CDH16	0.619098086	0
LINC01508	CRABP1	0.667912801	4.94E-58
LINC01508	SLC26A7	0.742699076	0
LINC01508	MT1H	0.610580144	3.36E-46
LINC01508	SLC26A4	0.718855545	0
LINC01508	SLC5A8	0.692844395	4.79E-64
LINC01508	PKHD1L1	0.654088262	6.07E-55
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RP11-701H24.7	ITPR1	0.48088617	0

RP11-701H24.7	CFD	0.04318657	0.3665421
RP11-701H24.7	CPXM1	0.223735877	2.33E-06
RP11-701H24.7	ELMO1	0.332161995	1.23E-12
RP11-701H24.7	GPC3	0.300122629	1.37E-10
RP11-701H24.7	MYOC	0.377983904	2.34E-16
RP11-701H24.7	DEPTOR	0.455561434	0
RP11-701H24.7	DGKI	0.516959466	0
RP11-701H24.7	CARTPT	0.300132537	1.37E-10
RP11-701H24.7	IYD	0.369326728	1.27E-15
RP11-701H24.7	LYVE1	0.298731834	2.07E-10
RP11-701H24.7	CLCNKB	0.356278421	1.81E-14
RP11-701H24.7	NCAM1	0.151596944	0.001459824
RP11-701H24.7	HBA2	0.197751598	3.12E-05
RP11-701H24.7	GLT8D2	0.283588593	1.72E-09
RP11-701H24.7	OGDHL	0.203356434	1.83E-05
RP11-701H24.7	LIFR	0.548620208	0
RP11-701H24.7	CSGALNACT1	0.502751924	0
RP11-701H24.7	RAP1GAP	0.349038912	6.84E-14
RP11-701H24.7	COL9A3	0.264754608	2.02E-08
RP11-701H24.7	FBLN1	0.056917964	0.233895204
RP11-701H24.7	EFEMP1	0.373160585	5.07E-16
RP11-701H24.7	AOX1	0.284427002	1.29E-09
RP11-701H24.7	GRIN2C	0.324104228	4.50E-12
RP11-701H24.7	C11orf74	0.244469487	2.34E-07
RP11-701H24.7	PPARGC1A	0.348175123	7.98E-14
RP11-701H24.7	ANGPTL1	0.501635524	0
RP11-701H24.7	SCARA5	0.213968275	6.10E-06
RP11-701H24.7	LTF	0.214229952	6.25E-06
RP11-701H24.7	CA4	0.43765458	5.75E-22
RP11-701H24.7	TG	0.522853224	0
RP11-701H24.7	FCGBP	0.393552084	0
RP11-701H24.7	PBX4	0.347210915	9.47E-14
RP11-701H24.7	CYR61	0.415908453	0
RP11-701H24.7	FOS	0.421694415	0
RP11-701H24.7	KHDRBS2	0.415287206	0
RP11-701H24.7	MUM1L1	0.322247721	6.03E-12
RP11-701H24.7	RGS16	0.273847644	6.28E-09
RP11-701H24.7	MT1M	0.206473163	1.35E-05
RP11-701H24.7	LRP2	0.537795057	0
RP11-701H24.7	MAFB	0.2654489	1.85E-08
RP11-701H24.7	KCNK2	0.44901097	0
RP11-701H24.7	TBC1D4	0.488808199	0
RP11-701H24.7	MIOX	0.306505938	5.30E-11
RP11-701H24.7	TPPP	0.464969916	0
RP11-701H24.7	FMOD	0.268629456	1.23E-08
RP11-701H24.7	CITED2	0.471468043	0
RP11-701H24.7	RGS8	0.394632285	8.24E-18
RP11-701H24.7	ABI3BP	0.359305934	1.01E-14
RP11-701H24.7	ADH1B	0.268751686	1.06E-08
RP11-701H24.7	OGN	0.197169334	3.18E-05
RP11-701H24.7	NR4A1	0.433679652	0

RP11-701H24.7	FOXJ1	0.394226512	8.96E-18
RP11-701H24.7	ALDH1A1	0.36484439	3.34E-15
RP11-701H24.7	OCA2	0.414272673	1.24E-19
RP11-701H24.7	TMEM139	0.253143395	8.42E-08
RP11-701H24.7	ARHGAP24	0.277078127	4.11E-09
RP11-701H24.7	SLC25A15	0.438633456	0
RP11-701H24.7	DES	0.204445467	1.58E-05
RP11-701H24.7	GDF10	0.265166284	1.69E-08
RP11-701H24.7	KIAA1324	0.27379247	6.33E-09
RP11-701H24.7	JUN	0.433358817	0
RP11-701H24.7	C7	0.0956456	0.045220984
RP11-701H24.7	LGI3	0.23447238	7.29E-07
RP11-701H24.7	CDON	0.500976265	0
RP11-701H24.7	BCL2	0.499140609	0
RP11-701H24.7	HLF	0.446449107	0
RP11-701H24.7	EGR1	0.494158863	0
RP11-701H24.7	IP6K3	0.278249134	3.52E-09
RP11-701H24.7	SCUBE3	0.370623261	9.40E-16
RP11-701H24.7	PKNOX2	0.415068635	0
RP11-701H24.7	SMAD9	0.551747008	0
RP11-701H24.7	IQGAP2	0.413446727	0
RP11-701H24.7	GNA14	0.408158614	0
RP11-701H24.7	LAYN	0.354858631	2.36E-14
RP11-701H24.7	AVPR1A	0.45255704	0
RP11-701H24.7	PDLIM3	0.206809317	1.31E-05
RP11-701H24.7	GPM6A	0.457086467	0
RP11-701H24.7	SDPR	0.530217692	0
RP11-701H24.7	CRYAB	0.154021934	0.001221002
RP11-701H24.7	FOXA2	0.352381152	2.79E-14
RP11-701H24.7	C8orf88	0.475309134	0
RP11-701H24.7	ISM1	0.311023582	3.39E-11
RP11-701H24.7	BMP2	0.393192385	0
RP11-701H24.7	ID4	0.508662419	0
RP11-701H24.7	NUPR1	-0.035593319	0.456803487
RP11-701H24.7	SERTM1	0.264392904	1.86E-08
RP11-701H24.7	IRS1	0.513390844	0
RP11-701H24.7	FIBIN	0.123762542	0.009476563
RP11-701H24.7	PODN	0.120258314	0.011719034
RP11-701H24.7	TDRD9	0.265494997	1.84E-08
RP11-701H24.7	EPHA3	0.329312771	1.95E-12
RP11-701H24.7	AIF1L	0.484957179	0
RP11-701H24.7	EBF4	0.309165232	4.49E-11
RP11-701H24.7	ADM2	0.225835208	1.87E-06
RP11-701H24.7	GSTM3	0.331129421	1.45E-12
RP11-701H24.7	HSD17B6	0.379281992	7.88E-17
RP11-701H24.7	AGR3	0.367699854	1.68E-15
RP11-701H24.7	EPHB1	0.38853956	0
RP11-701H24.7	TMOD1	0.233477534	8.14E-07
RP11-701H24.7	WASF3	0.57581989	0
RP11-701H24.7	SELV	0.26146249	2.70E-08
RP11-701H24.7	ENPP1	0.245104066	2.18E-07

RP11-701H24.7	SYNE1	0.510160379	1.84E-30
RP11-701H24.7	PLCH1	0.39566106	0
RP11-701H24.7	CCDC146	0.489458664	0
RP11-701H24.7	SLC16A2	0.414164849	0
RP11-701H24.7	IER2	0.321409606	6.88E-12
RP11-701H24.7	KCNAB1	0.425478204	0
RP11-701H24.7	SYNDIG1	0.274719233	5.61E-09
RP11-701H24.7	C16orf89	0.231888817	9.69E-07
RP11-701H24.7	CTGF	0.415940792	0
RP11-701H24.7	NR4A3	0.321424215	6.86E-12
RP11-701H24.7	KIAA1456	0.471082813	0
RP11-701H24.7	AQP4	0.356062261	1.89E-14
RP11-701H24.7	RNF150	0.48938732	0
RP11-701H24.7	C1S	-0.06924432	0.147447154
RP11-701H24.7	PFKFB2	0.429473047	0
RP11-701H24.7	PROX1	0.51258067	0
RP11-701H24.7	TCF7L1	0.370096194	1.06E-15
RP11-701H24.7	HSPB6	0.220560427	3.26E-06
RP11-701H24.7	FHDC1	0.41487063	0
RP11-701H24.7	PRR15L	0.140920863	0.003110149
RP11-701H24.7	SLC1A1	0.224313721	2.20E-06
RP11-701H24.7	BTBD11	0.448243631	0
RP11-701H24.7	TRIM58	0.463108588	0
RP11-701H24.7	LRIG1	0.39676583	0
RP11-701H24.7	ROR2	0.263319074	2.42E-08
RP11-701H24.7	GPR125	0.531789247	0
RP11-701H24.7	FLRT1	0.388080007	0
RP11-701H24.7	PGF	0.301742611	1.34E-10
RP11-701H24.7	DUSP1	0.433120672	0
RP11-701H24.7	PLA2G7	0.360004198	8.85E-15
RP11-701H24.7	PLSCR4	0.485113626	0
RP11-701H24.7	FAM46B	0.172126451	0.000296638
RP11-701H24.7	GLDC	0.264936017	1.97E-08
RP11-701H24.7	ZBTB16	0.519031706	0
RP11-701H24.7	OMD	0.14287118	0.002696652
RP11-701H24.7	HSD11B2	0.316095394	1.57E-11
RP11-701H24.7	FGL2	0.110919615	0.020136233
RP11-701H24.7	CLCNKA	0.289189255	6.64E-10
RP11-701H24.7	GATM	0.36350871	4.39E-15
RP11-701H24.7	TNS3	0.470219309	0
RP11-701H24.7	TOB1	0.417674041	0
RP11-701H24.7	MARC2	0.404266603	0
RP11-701H24.7	LRRC2	0.447614441	0
RP11-701H24.7	SORD	0.430870142	0
RP11-701H24.7	RIMS4	0.439859212	0
RP11-701H24.7	SLC29A4	0.331126017	1.45E-12
RP11-701H24.7	SLC39A14	0.442250303	0
RP11-701H24.7	FAXDC2	0.397366652	0
RP11-701H24.7	HSPB8	0.104984582	0.02788373
RP11-701H24.7	CCL19	-0.129521473	0.006577826
RP11-701H24.7	KCNIP3	0.346569953	1.06E-13

RP11-701H24.7	CGNL1	0.454296956	0
RP11-701H24.7	ATF3	0.320456035	7.98E-12
RP11-701H24.7	SGCD	0.261017625	3.22E-08
RP11-701H24.7	STARD13	0.603466925	0
RP11-701H24.7	LDHD	0.186757944	8.50E-05
RP11-701H24.7	RCAN1	0.39905962	0
RP11-701H24.7	ID3	0.197708621	3.13E-05
RP11-701H24.7	SYTL3	0.36517246	3.12E-15
RP11-701H24.7	MT1E	0.04703064	0.325406479
RP11-701H24.7	CAMK1D	0.419901877	0
RP11-701H24.7	PRKCQ	0.401414258	0
RP11-701H24.7	NUAK2	0.209890303	9.66E-06
RP11-701H24.7	LIPG	0.525796203	0
RP11-701H24.7	SLC25A25	0.442334696	0
RP11-701H24.7	PRKX	0.494164962	0
RP11-701H24.7	SRPX	0.171922631	0.000301643
RP11-701H24.7	FAM189A1	0.418934548	0
RP11-701H24.7	PLEKHH1	0.578463308	0
RP11-701H24.7	WNT11	0.280628877	2.56E-09
RP11-701H24.7	SNAI1	0.310700477	3.56E-11
RP11-701H24.7	FDCSP	-0.049345668	0.302265488
RP11-701H24.7	MT1X	0.078375369	0.10099414
RP11-701H24.7	ACACB	0.52222985	0
RP11-701H24.7	ARC	0.339712837	3.47E-13
RP11-701H24.7	KLK4	0.096096966	0.044180549
RP11-701H24.7	ZFPM2	0.479818136	0
RP11-701H24.7	AKAP12	0.554213839	0
RP11-701H24.7	GJB6	0.362725253	4.26E-15
RP11-701H24.7	ERO1LB	0.544815427	0
RP11-701H24.7	DNALI1	0.353292465	3.16E-14
RP11-701H24.7	HKDC1	0.178286012	0.000177343
RP11-701H24.7	ZFP36L2	0.454611125	0
RP11-701H24.7	CAPSL	0.258288431	4.03E-08
RP11-701H24.7	CYP7B1	0.587940582	0
RP11-701H24.7	CPQ	0.467710068	0
RP11-701H24.7	RPS6KA6	0.595563639	1.73E-43
RP11-701H24.7	TLE1	0.289698511	7.43E-10
RP11-701H24.7	TP53INP2	0.479985788	0
RP11-701H24.7	KATNAL2	0.431181617	0
RP11-701H24.7	SGPP2	0.235543676	6.47E-07
RP11-701H24.7	CTH	0.361263145	6.90E-15
RP11-701H24.7	KIF12	0.301591838	1.37E-10
RP11-701H24.7	TMEM220	0.392859919	0
RP11-701H24.7	CENPJ	0.458195208	0
RP11-701H24.7	FAM155B	0.28077653	2.51E-09
RP11-701H24.7	WFS1	0.27950184	2.98E-09
RP11-701H24.7	SELENBP1	0.223559857	2.38E-06
RP11-701H24.7	SNTA1	0.124151885	0.00925264
RP11-701H24.7	FRAS1	0.457833381	0
RP11-701H24.7	FBLN7	0.232530346	9.03E-07
RP11-701H24.7	AGPAT9	0.508754755	0

RP11-701H24.7	GPR83	0.399442722	0
RP11-701H24.7	PRTG	0.596704698	0
RP11-701H24.7	EGR3	0.390658181	0
RP11-701H24.7	GRAMD2	0.38172542	2.23E-17
RP11-701H24.7	HYOU1	0.407162208	0
RP11-701H24.7	FBLN5	0.262351603	2.73E-08
RP11-701H24.7	ITM2A	0.466875782	0
RP11-701H24.7	SRF	0.400063118	0
RP11-701H24.7	FGFR2	0.623111084	0
RP11-701H24.7	MT1A	0.072608416	0.128766702
RP11-701H24.7	MAMDC2	0.393055938	0
RP11-701H24.7	FHL2	0.126539997	0.007979331
RP11-701H24.7	FTCDNL1	0.286832692	1.10E-09
RP11-701H24.7	PKIA	0.49338117	0
RP11-701H24.7	DNAJB4	0.677594414	0
RP11-701H24.7	SLC25A33	0.278807831	3.27E-09
RP11-701H24.7	EYA2	0.185684095	9.35E-05
RP11-701H24.7	LPAR1	0.226443689	1.75E-06
RP11-701H24.7	STX11	0.149961988	0.001644315
RP11-701H24.7	ARHGEF28	0.346115648	1.15E-13
RP11-701H24.7	OR2W3	0.292535537	5.00E-10
RP11-701H24.7	ALDH1B1	0.169728913	0.000354229
RP11-701H24.7	CXCL12	0.115094166	0.01587857
RP11-701H24.7	OLFM2	0.263080646	2.49E-08
RP11-701H24.7	TUB	0.603360973	0
RP11-701H24.7	HTRA3	0.166802027	0.000456503
RP11-701H24.7	CKB	0.008703694	0.855646426
RP11-701H24.7	RGS2	0.069270276	0.147295206
RP11-701H24.7	SHANK2	0.626546237	0
RP11-701H24.7	CNTFR	0.281020479	2.07E-09
RP11-701H24.7	CYTH3	0.438054051	0
RP11-701H24.7	PLAC9	0.143943129	0.00252317
RP11-701H24.7	WWOX	0.405466403	0
RP11-701H24.7	NPR3	0.475421469	0
RP11-701H24.7	SDC2	0.596114797	0
RP11-701H24.7	KLF15	0.357342057	1.48E-14
RP11-701H24.7	TMEM164	0.408954036	0
RP11-701H24.7	LONRF3	0.623414332	0
RP11-701H24.7	GBP1	0.058290097	0.222799303
RP11-701H24.7	ARHGAP6	0.47365432	0
RP11-701H24.7	TMEM119	0.055629232	0.244667241
RP11-701H24.7	SH3RF1	0.62055291	0
RP11-701H24.7	CRELD2	0.126500566	0.007999015
RP11-701H24.7	PCP4	0.04023196	0.400262041
RP11-701H24.7	GCSH	0.32843948	2.25E-12
RP11-701H24.7	IMPA2	0.392734677	0
RP11-701H24.7	C1R	-0.173443125	0.000266126
RP11-701H24.7	SUCNR1	0.312450747	2.74E-11
RP11-701H24.7	SFRP1	0.306866477	6.32E-11
RP11-701H24.7	UGT8	0.276956714	4.18E-09
RP11-701H24.7	TLE4	0.369192975	1.30E-15

RP11-701H24.7	ANTXR1	0.426151221	0
RP11-701H24.7	GPX3	0.230834683	1.09E-06
RP11-701H24.7	DPY19L2	0.434400327	0
RP11-701H24.7	FAM46C	0.26578321	1.77E-08
RP11-701H24.7	IL33	0.261278898	2.77E-08
RP11-701H24.7	PEG3	0.649999858	0
RP11-701H24.7	FAHD2A	0.219198223	3.76E-06
RP11-701H24.7	PTGDS	-0.04568886	0.339411228
RP11-701H24.7	CHCHD10	-0.077967587	0.102784838
RP11-701H24.7	CD36	0.361405975	6.71E-15
RP11-701H24.7	ANKRD37	0.316530834	1.47E-11
RP11-701H24.7	TSPAN33	0.094492464	0.047887418
RP11-701H24.7	PRDM16	0.600146234	0
RP11-701H24.7	UST	0.437728819	0
RP11-701H24.7	NEXN	0.404338656	0
RP11-701H24.7	NUPR1L	0.110972489	0.020035092
RP11-701H24.7	SLC24A3	0.214822406	5.89E-06
RP11-701H24.7	MARC1	0.45029644	0
RP11-701H24.7	MYH11	0.345494969	1.28E-13
RP11-701H24.7	APOA1	0.219608708	3.40E-06
RP11-701H24.7	TMEM178B	0.440464148	0
RP11-701H24.7	CAPN6	0.283216329	1.53E-09
RP11-701H24.7	PPM1L	0.5448967	0
RP11-701H24.7	FZD8	0.364778436	3.38E-15
RP11-701H24.7	RCAN2	0.358519589	1.18E-14
RP11-701H24.7	COPZ2	0.115295149	0.01569518
RP11-701H24.7	GAS1	0.174063237	0.000252796
RP11-701H24.7	DACT1	0.333575969	9.71E-13
RP11-701H24.7	WBSCR17	0.421032177	0
RP11-701H24.7	NCS1	0.364116482	3.88E-15
RP11-701H24.7	SPIRE2	0.234452665	7.30E-07
RP11-701H24.7	C15orf52	0.190143738	6.28E-05
RP11-701H24.7	SPAG5	0.180017843	0.000152994
RP11-701H24.7	ARL4D	0.027334143	0.567731208
RP11-701H24.7	FAM189A2	0.503084958	0
RP11-701H24.7	MAP1LC3A	0.153079568	0.001309174
RP11-701H24.7	KLF6	0.365892992	2.68E-15
RP11-701H24.7	ADD3	0.607544459	0
RP11-701H24.7	TSPAN7	0.350938678	4.86E-14
RP11-701H24.7	KLF9	0.495445893	0
RP11-701H24.7	KCNQ1	0.259066513	4.10E-08
RP11-701H24.7	MAN1A1	0.269607991	1.09E-08
RP11-701H24.7	MLF1	0.414957435	0
RP11-701H24.7	RARB	0.480637813	0
RP11-701H24.7	CDC42EP2	0.084563156	0.076747643
RP11-701H24.7	FAM3B	0.153948178	0.0012277
RP11-701H24.7	GADD45B	0.132481838	0.005463746
RP11-701H24.7	TMEM47	0.49761047	0
RP11-701H24.7	SDF2L1	0.064519158	0.177146354
RP11-701H24.7	CCDC85A	0.5732837	0
RP11-701H24.7	CRYBG3	0.600996973	0

RP11-701H24.7	FBLN2	0.082218588	0.085309367
RP11-701H24.7	PEBP4	-0.047449627	0.321111254
RP11-701H24.7	CDADC1	0.452996735	0
RP11-701H24.7	FAM63A	0.393320606	0
RP11-701H24.7	GLUL	0.351759773	4.18E-14
RP11-701H24.7	FREM2	0.398830411	0
RP11-701H24.7	ACKR3	0.398767435	0
RP11-701H24.7	DENND6A	0.606083111	0
RP11-701H24.7	CLDN8	0.229213485	1.30E-06
RP11-701H24.7	UTS2R	0.384628666	6.29E-17
RP11-701H24.7	SCNN1B	0.271166355	8.90E-09
RP11-701H24.7	TTC30A	0.475734645	0
RP11-701H24.7	CORO2B	0.424132453	0
RP11-701H24.7	TC2N	0.327120962	2.78E-12
RP11-701H24.7	ALDH2	0.077902626	0.103072416
RP11-701H24.7	GPR183	0.064110525	0.179909875
RP11-701H24.7	C4orf47	0.338600975	4.19E-13
RP11-701H24.7	SLC25A42	0.360620055	7.84E-15
RP11-701H24.7	LGMN	0.230592567	1.12E-06
RP11-701H24.7	ACSF2	0.126809487	0.007845953
RP11-701H24.7	KIAA1467	0.463825149	0
RP11-701H24.7	PRKG1	0.491994712	0
RP11-701H24.7	GNAI1	0.395402633	0
RP11-701H24.7	ABCC4	0.312026512	2.92E-11
RP11-701H24.7	PRPS1	0.312767186	2.61E-11
RP11-701H24.7	TSPAN5	0.258774612	4.25E-08
RP11-701H24.7	CR2	0.061321449	0.199712559
RP11-701H24.7	CCDC170	0.443690659	0
RP11-701H24.7	RRAD	-0.072641887	0.12855488
RP11-701H24.7	SCGB2A1	0.045003645	0.346709663
RP11-701H24.7	SESN3	0.430266767	0
RP11-701H24.7	SGK223	0.284593367	1.50E-09
RP11-701H24.7	NDRG2	0.272456222	7.53E-09
RP11-701H24.7	C3orf52	0.275735355	4.91E-09
RP11-701H24.7	FLRT3	0.040743992	0.394288795
RP11-701H24.7	MST1R	-0.237403586	5.25E-07
RP11-701H24.7	SDC1	-0.437465995	0
RP11-701H24.7	ST8SIA4	-0.295906864	3.10E-10
RP11-701H24.7	UBTD1	-0.474982767	0
RP11-701H24.7	EPHA2	-0.000826769	0.986214053
RP11-701H24.7	TMEM130	0.0343087	0.473218689
RP11-701H24.7	SPINK2	-0.476116471	0
RP11-701H24.7	MMP16	-0.142192008	0.002849595
RP11-701H24.7	SIGLEC15	-0.177845891	0.000184087
RP11-701H24.7	RIN1	-0.40118434	0
RP11-701H24.7	IL1RN	-0.387573223	0
RP11-701H24.7	FCER1G	-0.477087772	0
RP11-701H24.7	CD276	-0.336861343	5.62E-13
RP11-701H24.7	CTSB	-0.379631479	6.84E-17
RP11-701H24.7	FAM171A2	-0.034137219	0.475434147
RP11-701H24.7	ASPHD1	-0.473417452	0

RP11-701H24.7	C15orf48	-0.500896411	0
RP11-701H24.7	DYSF	-0.082818134	0.083049901
RP11-701H24.7	PDZRN4	0.147817552	0.001918739
RP11-701H24.7	EFHD2	-0.215251605	5.63E-06
RP11-701H24.7	ASF1B	-0.469591254	0
RP11-701H24.7	AQP1	-0.126978415	0.007763365
RP11-701H24.7	ARRDC2	-0.21888377	3.88E-06
RP11-701H24.7	PRSS1	-0.195487094	3.72E-05
RP11-701H24.7	MAPK13	-0.279404539	3.02E-09
RP11-701H24.7	CST5	-0.345450244	9.49E-14
RP11-701H24.7	AHR	-0.00254782	0.957531839
RP11-701H24.7	BAX	-0.628488697	0
RP11-701H24.7	C1orf115	0.031115946	0.515383
RP11-701H24.7	PLK3	-0.170003291	0.000352805
RP11-701H24.7	JAG2	-0.192221794	5.20E-05
RP11-701H24.7	RAD23B	-0.043210824	0.366272818
RP11-701H24.7	CA12	0.041715861	0.383100205
RP11-701H24.7	ADTRP	-0.06144498	0.198724472
RP11-701H24.7	UCP2	-0.229686653	1.23E-06
RP11-701H24.7	IGFBP2	-0.169394242	0.000370661
RP11-701H24.7	LOXL2	-0.240067855	3.89E-07
RP11-701H24.7	GPX1	-0.630325204	0
RP11-701H24.7	P3H3	-0.46876718	0
RP11-701H24.7	C2orf81	-0.219135673	3.78E-06
RP11-701H24.7	CDT1	-0.49573822	0
RP11-701H24.7	SNX25	0.032241282	0.500302983
RP11-701H24.7	MTHFD1L	-0.267762548	1.38E-08
RP11-701H24.7	CDC42BPG	-0.153188079	0.001284063
RP11-701H24.7	MSN	-0.092644752	0.052434071
RP11-701H24.7	SIGLEC6	-0.163302867	0.000592761
RP11-701H24.7	F2R	0.005844966	0.902767428
RP11-701H24.7	TMEM184A	-0.351769418	4.18E-14
RP11-701H24.7	CKS2	-0.443387269	0
RP11-701H24.7	TAX1BP3	-0.550526216	0
RP11-701H24.7	PMEPA1	-0.296802707	2.73E-10
RP11-701H24.7	CXCL16	-0.486340375	0
RP11-701H24.7	FAXC	-0.249499882	1.30E-07
RP11-701H24.7	VTCN1	-0.357154567	1.18E-14
RP11-701H24.7	SH2D4A	-0.157566444	0.000936096
RP11-701H24.7	RNF24	0.013006607	0.78572889
RP11-701H24.7	LY6G6C	-0.281296817	1.99E-09
RP11-701H24.7	NID1	-0.060287163	0.207329335
RP11-701H24.7	STAC	-0.350751595	5.02E-14
RP11-701H24.7	RAB34	-0.382810616	7.13E-18
RP11-701H24.7	HES4	-0.317441996	1.28E-11
RP11-701H24.7	EPHA10	-0.292915944	4.74E-10
RP11-701H24.7	ENTPD2	-0.169734651	0.000360579
RP11-701H24.7	DDB2	-0.483507888	0
RP11-701H24.7	NKAIN4	-0.263812667	2.27E-08
RP11-701H24.7	TRIM29	-0.147720252	0.001932133
RP11-701H24.7	ADCY8	-0.309748836	3.24E-11

RP11-701H24.7	SFTA2	-0.412164094	0
RP11-701H24.7	NRIP1	0.059906047	0.210219928
RP11-701H24.7	VWA1	-0.232303265	9.26E-07
RP11-701H24.7	APLNR	-0.158663696	0.000861225
RP11-701H24.7	REN	-0.344980203	1.03E-13
RP11-701H24.7	EDIL3	-0.100417001	0.035477
RP11-701H24.7	AGRN	-0.049624557	0.299411325
RP11-701H24.7	TREM1	-0.379603679	6.92E-17
RP11-701H24.7	SRL	-0.164816449	0.000534401
RP11-701H24.7	RASGRF1	-0.129025692	0.006822473
RP11-701H24.7	RMI2	-0.430014865	0
RP11-701H24.7	SAMD1	-0.523599429	0
RP11-701H24.7	MGAT4B	-0.333216412	1.03E-12
RP11-701H24.7	NXN	-0.303967468	9.69E-11
RP11-701H24.7	SH3BGRL3	-0.664343989	0
RP11-701H24.7	CA11	-0.320955869	7.38E-12
RP11-701H24.7	PLD3	-0.324154012	4.46E-12
RP11-701H24.7	LURAP1L	-0.341526224	2.55E-13
RP11-701H24.7	CARNS1	-0.038533886	0.420456124
RP11-701H24.7	PDLIM7	-0.37715869	1.66E-16
RP11-701H24.7	BCL2L1	-0.476461561	0
RP11-701H24.7	GGT6	-0.222124039	2.77E-06
RP11-701H24.7	DPYSL3	-0.159187642	0.000827462
RP11-701H24.7	FYN	-0.275560469	5.02E-09
RP11-701H24.7	TK1	-0.55238102	0
RP11-701H24.7	AK1	-0.467501425	0
RP11-701H24.7	HIGD1B	-0.1533353	0.001284684
RP11-701H24.7	TMEM59L	-0.149549242	0.001694156
RP11-701H24.7	MEGF9	0.043817178	0.359580808
RP11-701H24.7	ZFP36L1	-0.048675099	0.308761385
RP11-701H24.7	ADRA1B	-0.100070777	0.036118287
RP11-701H24.7	EPHA4	-0.021042531	0.660045938
RP11-701H24.7	TCERG1L	0.070633473	0.139481694
RP11-701H24.7	NGFR	-0.00401158	0.933179171
RP11-701H24.7	EBI3	-0.513791533	0
RP11-701H24.7	S100A10	-0.429511626	0
RP11-701H24.7	S100B	-0.397017165	0
RP11-701H24.7	CD44	-0.031225019	0.513911143
RP11-701H24.7	BHLHE41	0.046268549	0.333314119
RP11-701H24.7	FBX02	-0.328092688	2.38E-12
RP11-701H24.7	SLC30A2	-0.315318836	1.77E-11
RP11-701H24.7	FRMD5	-0.454311423	0
RP11-701H24.7	SAMD11	-0.059913848	0.210160471
RP11-701H24.7	SIPA1L2	0.079263411	0.097180255
RP11-701H24.7	S100A16	-0.537834346	0
RP11-701H24.7	PPL	-0.120365543	0.011643995
RP11-701H24.7	ARHGD1B	-0.277062808	4.12E-09
RP11-701H24.7	CDC42EP3	-0.367545679	1.88E-15
RP11-701H24.7	RUNX2	-0.119121631	0.012541177
RP11-701H24.7	LAMC2	-0.274753132	5.58E-09
RP11-701H24.7	BRINP1	-0.208522426	1.11E-05

RP11-701H24.7	GPRC5B	-0.098457947	0.039237032
RP11-701H24.7	AQP5	-0.00691995	0.884998956
RP11-701H24.7	PLAG1	0.055782558	0.243367744
RP11-701H24.7	PTPRU	-0.157963729	0.000908319
RP11-701H24.7	ANGPTL4	-0.291138158	6.08E-10
RP11-701H24.7	PALM3	-0.108442997	0.023106031
RP11-701H24.7	ACP5	-0.454184195	0
RP11-701H24.7	DLG4	-0.12455144	0.009027752
RP11-701H24.7	ETNK2	-0.189807442	6.47E-05
RP11-701H24.7	CD109	-0.00255704	0.957378307
RP11-701H24.7	SNX22	-0.079430354	0.096476278
RP11-701H24.7	TMEM98	-0.134746268	0.004710999
RP11-701H24.7	CTHRC1	-0.326253627	3.19E-12
RP11-701H24.7	S100A2	-0.37830984	1.13E-16
RP11-701H24.7	C11orf80	-0.449849085	0
RP11-701H24.7	SREBF1	-0.311947934	2.95E-11
RP11-701H24.7	PRSS22	-0.365031899	3.21E-15
RP11-701H24.7	CMTM3	-0.517130947	0
RP11-701H24.7	RDH5	-0.132522545	0.00544931
RP11-701H24.7	MYH10	-0.051474113	0.281743532
RP11-701H24.7	EVPL	-0.171920361	0.000301699
RP11-701H24.7	SCD	-0.261526678	3.02E-08
RP11-701H24.7	CD151	-0.346176496	1.14E-13
RP11-701H24.7	S100A4	-0.368552722	1.51E-15
RP11-701H24.7	BNIP1	-0.150325942	0.001601485
RP11-701H24.7	MAP3K6	-0.350982506	4.82E-14
RP11-701H24.7	MANEAL	-0.398652264	0
RP11-701H24.7	CD207	-0.29781748	1.92E-10
RP11-701H24.7	CD1A	-0.336803581	4.18E-13
RP11-701H24.7	C3	-0.233133721	8.45E-07
RP11-701H24.7	NT5E	-0.129216321	0.006740291
RP11-701H24.7	CACNG4	-0.291383459	4.87E-10
RP11-701H24.7	FHOD1	-0.280680506	2.54E-09
RP11-701H24.7	LEMD1	-0.377438393	1.52E-16
RP11-701H24.7	ATP11A	0.024658102	0.606244172
RP11-701H24.7	PPAP2C	-0.263957767	2.23E-08
RP11-701H24.7	DRAM1	-0.252926242	8.64E-08
RP11-701H24.7	CDA	-0.255102874	6.65E-08
RP11-701H24.7	CCND2	-0.092522488	0.052747214
RP11-701H24.7	LCN6	0.014713404	0.758525414
RP11-701H24.7	CDH4	-0.199919862	2.54E-05
RP11-701H24.7	MMP11	-0.463315528	0
RP11-701H24.7	B3GAT1	-0.038180712	0.424729946
RP11-701H24.7	SPP1	-0.280904467	2.47E-09
RP11-701H24.7	HLA-DQB1	-0.442132294	0
RP11-701H24.7	SDC3	-0.200911729	2.31E-05
RP11-701H24.7	CX3CL1	-0.315229195	1.79E-11
RP11-701H24.7	SDK1	-0.066673664	0.163095423
RP11-701H24.7	DOCK9	0.107982026	0.023698814
RP11-701H24.7	CSF2	-0.449978832	2.85E-23
RP11-701H24.7	GRHL3	-0.340848101	2.86E-13

RP11-701H24.7	TMEM92	-0.419760981	3.64E-20
RP11-701H24.7	BASP1	-0.350536144	5.22E-14
RP11-701H24.7	HRH1	-0.239309735	4.23E-07
RP11-701H24.7	ESM1	0.000403527	0.993271749
RP11-701H24.7	B4GALNT3	-0.124408752	0.009107498
RP11-701H24.7	LMO3	-0.096076501	0.044257169
RP11-701H24.7	C9orf16	-0.643586834	0
RP11-701H24.7	SEMA3F	-0.071478397	0.134801005
RP11-701H24.7	PLA2G12B	-0.183776814	0.000107678
RP11-701H24.7	KLK6	-0.144823756	0.002351723
RP11-701H24.7	ST3GAL5	-0.095738645	0.045011385
RP11-701H24.7	FAM132B	-0.072538771	0.129099225
RP11-701H24.7	CDKN1A	-0.217514758	4.47E-06
RP11-701H24.7	E2F1	-0.468250184	0
RP11-701H24.7	B3GNT8	-0.38850098	0
RP11-701H24.7	MTMR11	-0.330594553	1.58E-12
RP11-701H24.7	MYO1G	-0.338741252	4.10E-13
RP11-701H24.7	TMSB10	-0.593345427	0
RP11-701H24.7	UNC5CL	-0.422007875	0
RP11-701H24.7	ABR	-0.322982296	5.37E-12
RP11-701H24.7	PLP2	-0.548320365	0
RP11-701H24.7	SRCIN1	-0.311003725	3.41E-11
RP11-701H24.7	PDE9A	-0.421746185	0
RP11-701H24.7	TREM2	-0.462730875	0
RP11-701H24.7	KDELR3	-0.344119574	1.63E-13
RP11-701H24.7	PC	-0.139363066	0.003458919
RP11-701H24.7	C2CD4A	-0.364715886	3.43E-15
RP11-701H24.7	PELI1	-0.175880454	0.000217241
RP11-701H24.7	SSX1	-0.188552183	7.24E-05
RP11-701H24.7	MROH6	-0.335443681	7.12E-13
RP11-701H24.7	ESPN	-0.192688012	4.98E-05
RP11-701H24.7	BMP1	-0.234340613	7.39E-07
RP11-701H24.7	TM4SF4	-0.186558086	8.42E-05
RP11-701H24.7	CORO2A	-0.138593458	0.003644008
RP11-701H24.7	CD164L2	-0.423468174	1.57E-20
RP11-701H24.7	CTSS	-0.370606666	9.43E-16
RP11-701H24.7	CLU	-0.214512917	6.07E-06
RP11-701H24.7	TMSB4X	-0.44879793	0
RP11-701H24.7	WNT10A	-0.219571688	3.41E-06
RP11-701H24.7	NAPSA	-0.301197815	1.45E-10
RP11-701H24.7	PLEKHA4	-0.104821611	0.028128432
RP11-701H24.7	SFTPA1	-0.170295164	0.000338216
RP11-701H24.7	C1orf116	-0.172097374	0.000297347
RP11-701H24.7	TM4SF1	-0.239860347	3.98E-07
RP11-701H24.7	SEL1L3	-0.090203877	0.058986906
RP11-701H24.7	VASN	-0.344894998	1.42E-13
RP11-701H24.7	NPTXR	-0.254873808	6.84E-08
RP11-701H24.7	PDE4C	-0.339477954	3.62E-13
RP11-701H24.7	CDC42EP1	-0.319485301	9.29E-12
RP11-701H24.7	ENDOD1	-0.14046897	0.003207876
RP11-701H24.7	RYR1	-0.223003855	2.52E-06

RP11-701H24.7	IL1RAP	0.004785868	0.920321002
RP11-701H24.7	SLC35F2	-0.13661526	0.004134632
RP11-701H24.7	ISYNA1	-0.31284165	2.58E-11
RP11-701H24.7	HLA-G	-0.355455623	2.11E-14
RP11-701H24.7	CDKN2B	-0.318460954	1.09E-11
RP11-701H24.7	ALDH1A3	-0.235565803	6.45E-07
RP11-701H24.7	CLIP3	-0.237550246	5.17E-07
RP11-701H24.7	ULBP2	-0.295178105	3.44E-10
RP11-701H24.7	ETHE1	-0.5206695	0
RP11-701H24.7	XPR1	-0.148780059	0.001790755
RP11-701H24.7	SPTBN2	-0.275841023	4.84E-09
RP11-701H24.7	IVL	-0.401970102	1.77E-18
RP11-701H24.7	MARCO	-0.424625195	0
RP11-701H24.7	PLXND1	-0.114471359	0.016458849
RP11-701H24.7	EMILIN2	-0.358307401	1.23E-14
RP11-701H24.7	PLAUR	-0.43363157	0
RP11-701H24.7	CDC42EP5	-0.390767963	0
RP11-701H24.7	TRPC5	0.094074086	0.048858824
RP11-701H24.7	TMEM100	-0.178690531	0.00017135
RP11-701H24.7	QSOX1	-0.261563556	3.01E-08
RP11-701H24.7	ARHGAP23	-0.058834893	0.218499647
RP11-701H24.7	MDFI	-0.20854824	1.10E-05
RP11-701H24.7	FSTL3	-0.221686046	2.90E-06
RP11-701H24.7	INF2	-0.2327553	8.81E-07
RP11-701H24.7	TGFBR1	-0.084090413	0.078415302
RP11-701H24.7	TGFBI	-0.354340925	2.60E-14
RP11-701H24.7	ERBB3	-0.215315432	5.60E-06
RP11-701H24.7	CCL18	-0.219244604	3.74E-06
RP11-701H24.7	CCL17	-0.368268777	1.51E-15
RP11-701H24.7	C16orf45	-0.14638599	0.002124641
RP11-701H24.7	PRDM1	0.000216585	0.996389256
RP11-701H24.7	TRIM47	-0.573775733	0
RP11-701H24.7	CNFN	-0.511669224	0
RP11-701H24.7	ARMCX3	0.044261837	0.354722347
RP11-701H24.7	RAMP1	-0.161671636	0.000683435
RP11-701H24.7	GABRD	-0.104831115	0.028114113
RP11-701H24.7	COL13A1	-0.208832624	1.07E-05
RP11-701H24.7	S100A5	-0.406456143	0
RP11-701H24.7	MISP	-0.349236916	6.60E-14
RP11-701H24.7	HES6	-0.221075579	3.09E-06
RP11-701H24.7	PSD3	0.012063532	0.800926791
RP11-701H24.7	DOK7	-0.192580783	5.03E-05
RP11-701H24.7	ZMAT3	-0.111118471	0.019912874
RP11-701H24.7	MFAP2	-0.226502835	1.74E-06
RP11-701H24.7	TMEM79	-0.371355708	7.90E-16
RP11-701H24.7	SLC1A5	-0.379807782	6.34E-17
RP11-701H24.7	BBC3	-0.493968092	0
RP11-701H24.7	HLA-DQB2	-0.479748069	0
RP11-701H24.7	C1QL1	-0.091575158	0.055226736
RP11-701H24.7	TMEM215	0.002048296	0.965865539
RP11-701H24.7	PNP	-0.285890751	1.26E-09

RP11-701H24.7	ARNTL	-0.077432578	0.10517233
RP11-701H24.7	CLDN2	-0.194342549	4.14E-05
RP11-701H24.7	MVP	-0.545996789	0
RP11-701H24.7	LGALS1	-0.504290715	0
RP11-701H24.7	BIRC7	-0.332736813	8.27E-13
RP11-701H24.7	COL8A1	-0.139108043	0.003519284
RP11-701H24.7	PERP	-0.318474286	1.09E-11
RP11-701H24.7	GJA4	-0.106887327	0.025159515
RP11-701H24.7	IGFL2	-0.375284392	3.95E-16
RP11-701H24.7	DAPK2	-0.090457765	0.058275159
RP11-701H24.7	MAMLD1	-0.193458613	4.64E-05
RP11-701H24.7	ETV5	-0.044861241	0.348238873
RP11-701H24.7	RUNX1	-0.292630994	4.93E-10
RP11-701H24.7	LONRF2	0.126139165	0.008181461
RP11-701H24.7	SPOCK1	0.079468508	0.096315958
RP11-701H24.7	XKRX	-0.024545199	0.60789437
RP11-701H24.7	TGFB1	-0.302480731	1.20E-10
RP11-701H24.7	ERP27	-0.126802963	0.007849158
RP11-701H24.7	TNFRSF10C	-0.184023749	0.000108159
RP11-701H24.7	PALM	-0.217055915	4.68E-06
RP11-701H24.7	TSC22D1	0.018385071	0.700761065
RP11-701H24.7	TGM2	-0.37573266	2.55E-16
RP11-701H24.7	UBE2QL1	-0.10166999	0.033236546
RP11-701H24.7	ECE1	-0.123011514	0.009922159
RP11-701H24.7	COL8A2	-0.179242703	0.000163476
RP11-701H24.7	HIST3H2A	-0.350117157	5.63E-14
RP11-701H24.7	TNFRSF21	-0.171934119	0.000301359
RP11-701H24.7	SOX4	-0.191832025	5.39E-05
RP11-701H24.7	ELF3	-0.326832039	2.91E-12
RP11-701H24.7	TPD52L1	-0.21537472	5.56E-06
RP11-701H24.7	INHBB	0.003076731	0.948726557
RP11-701H24.7	HPN	-0.297757271	2.38E-10
RP11-701H24.7	MMP7	-0.344363651	1.15E-13
RP11-701H24.7	RAB27A	-0.07119529	0.136355673
RP11-701H24.7	IGF2BP2	-0.116438924	0.014686493
RP11-701H24.7	ITGB4	-0.283769152	1.68E-09
RP11-701H24.7	PPP1R1B	-0.265002113	1.96E-08
RP11-701H24.7	NPDC1	-0.39757572	0
RP11-701H24.7	CCL13	-0.430383794	3.20E-21
RP11-701H24.7	SPINT1	-0.514729786	0
RP11-701H24.7	HEY2	-0.085207947	0.074519669
RP11-701H24.7	CST2	-0.35602467	1.45E-14
RP11-701H24.7	ADM	-0.261341013	3.09E-08
RP11-701H24.7	VSTM2L	-0.409137715	0
RP11-701H24.7	FAM84A	-0.373362419	4.82E-16
RP11-701H24.7	P4HA2	-0.319744722	8.92E-12
RP11-701H24.7	LPL	-0.076482269	0.109521132
RP11-701H24.7	TMEM173	-0.373700559	4.42E-16
RP11-701H24.7	DHRS3	-0.239844745	3.99E-07
RP11-701H24.7	SCN1B	-0.470841974	0
RP11-701H24.7	GLT1D1	-0.046532933	0.330556903

RP11-701H24.7	PHYHIP	-0.36625723	2.48E-15
RP11-701H24.7	BHLHE40	-0.211319738	8.38E-06
RP11-701H24.7	BID	-0.352021321	3.99E-14
RP11-701H24.7	POSTN	-0.279466664	2.99E-09
RP11-701H24.7	ITGA3	-0.375121058	3.02E-16
RP11-701H24.7	RSP04	-0.171830862	0.000303922
RP11-701H24.7	ADAMTS9	0.094233328	0.048504428
RP11-701H24.7	ABTB2	-0.191070218	5.77E-05
RP11-701H24.7	KCNQ3	-0.179084697	0.000165694
RP11-701H24.7	ANXA1	-0.106585782	0.025575287
RP11-701H24.7	S100A11	-0.610788132	0
RP11-701H24.7	CEACAM6	-0.325906379	2.54E-12
RP11-701H24.7	IER5L	-0.355504557	2.09E-14
RP11-701H24.7	KRT80	-0.257912384	4.72E-08
RP11-701H24.7	CDH6	-0.305131526	8.17E-11
RP11-701H24.7	UNC5B	-0.219964853	3.47E-06
RP11-701H24.7	PLEKHN1	-0.327641078	2.55E-12
RP11-701H24.7	SYTL1	-0.455914892	0
RP11-701H24.7	TMEM163	-0.24029834	3.78E-07
RP11-701H24.7	C4orf48	-0.388807065	0
RP11-701H24.7	B3GNT7	-0.186282931	8.87E-05
RP11-701H24.7	BAIAP3	-0.118729593	0.012836321
RP11-701H24.7	PHLDA2	-0.441083267	0
RP11-701H24.7	GAP43	-0.227531295	1.46E-06
RP11-701H24.7	S100A1	-0.474224647	0
RP11-701H24.7	PTPRE	-0.167795454	0.000421624
RP11-701H24.7	CCND1	-0.153653299	0.00125482
RP11-701H24.7	ST6GALNAC5	-0.328269508	1.73E-12
RP11-701H24.7	KRT17	-0.175801167	0.000218689
RP11-701H24.7	HPCAL4	-0.068399255	0.15245972
RP11-701H24.7	GABBR2	-0.168210044	0.000407816
RP11-701H24.7	DIRAS3	-0.150121838	0.001625376
RP11-701H24.7	SERINC2	-0.460157524	0
RP11-701H24.7	PTCHD4	-0.149953903	0.001645278
RP11-701H24.7	EPS8	0.08976716	0.060228023
RP11-701H24.7	LY6E	-0.405672776	0
RP11-701H24.7	UPP1	-0.380031459	5.75E-17
RP11-701H24.7	AHNAK2	-0.311509516	3.15E-11
RP11-701H24.7	PLXNC1	-0.146796041	0.002063689
RP11-701H24.7	TNC	-0.27865493	3.33E-09
RP11-701H24.7	DUSP4	-0.219604161	3.60E-06
RP11-701H24.7	NRCAM	0.042361787	0.375772451
RP11-701H24.7	NRP2	-0.159372172	0.000815866
RP11-701H24.7	CTSC	-0.408798583	0
RP11-701H24.7	AMIGO2	-0.031382884	0.511784745
RP11-701H24.7	NAB2	-0.131038219	0.005998503
RP11-701H24.7	TBC1D2	-0.310978761	3.42E-11
RP11-701H24.7	PHLDA3	-0.564809215	0
RP11-701H24.7	PTP4A3	-0.487147003	0
RP11-701H24.7	CRABP2	-0.467874173	0
RP11-701H24.7	GOS2	-0.302438038	1.21E-10

RP11-701H24.7	S100A6	-0.549011537	0
RP11-701H24.7	FOXQ1	-0.229121291	1.31E-06
RP11-701H24.7	LRG1	-0.295244768	3.41E-10
RP11-701H24.7	LAMP5	-0.262967318	2.53E-08
RP11-701H24.7	ALDH3B1	-0.360171708	8.56E-15
RP11-701H24.7	CDH2	0.121425775	0.010924624
RP11-701H24.7	SCG5	-0.20671925	1.32E-05
RP11-701H24.7	ZCCHC16	0.008171292	0.864442124
RP11-701H24.7	GRB7	-0.287197922	1.05E-09
RP11-701H24.7	TIAM1	-0.023803533	0.618783953
RP11-701H24.7	FXYD5	-0.480004369	0
RP11-701H24.7	CLDN9	-0.271498254	8.53E-09
RP11-701H24.7	FAM43A	-0.214493485	6.09E-06
RP11-701H24.7	CHST2	-0.19762749	3.16E-05
RP11-701H24.7	HMGA2	-0.237072964	5.45E-07
RP11-701H24.7	GALNT7	-0.067249381	0.15948666
RP11-701H24.7	CBLN1	-0.270645104	9.52E-09
RP11-701H24.7	STRA6	-0.285674166	1.29E-09
RP11-701H24.7	MUC21	-0.354718775	1.84E-14
RP11-701H24.7	PRR36	-0.28093014	2.46E-09
RP11-701H24.7	NFE2L3	-0.397718692	0
RP11-701H24.7	NR1D1	-0.303569757	1.03E-10
RP11-701H24.7	MUC1	-0.464502563	0
RP11-701H24.7	NAT8L	-0.051271854	0.283640512
RP11-701H24.7	APOC1	-0.139806307	0.003356235
RP11-701H24.7	EVA1A	-0.24997064	1.23E-07
RP11-701H24.7	ENTPD1	0.010592539	0.824780939
RP11-701H24.7	COL1A1	-0.345683612	1.24E-13
RP11-701H24.7	FNDC4	-0.353031911	3.31E-14
RP11-701H24.7	FRMD3	0.061862407	0.195686929
RP11-701H24.7	SHROOM4	-0.033838652	0.479305005
RP11-701H24.7	NELL2	0.073570353	0.123733345
RP11-701H24.7	EPHB3	-0.351957211	4.04E-14
RP11-701H24.7	TMC6	-0.337294088	5.23E-13
RP11-701H24.7	NOD1	-0.042079247	0.378967058
RP11-701H24.7	GGCT	-0.358405552	1.21E-14
RP11-701H24.7	ICAM1	-0.304130439	9.46E-11
RP11-701H24.7	PRSS23	-0.250206657	1.20E-07
RP11-701H24.7	CFI	-0.309686909	4.15E-11
RP11-701H24.7	CD55	-0.232243551	9.32E-07
RP11-701H24.7	RASD2	-0.067019179	0.160922336
RP11-701H24.7	KLK11	-0.116482004	0.014609047
RP11-701H24.7	ICAM5	-0.126476028	0.008011287
RP11-701H24.7	ADORA1	-0.426086543	0
RP11-701H24.7	ITGA2	-0.206030773	1.41E-05
RP11-701H24.7	ABCC3	-0.036109748	0.450295459
RP11-701H24.7	MFGE8	-0.342983317	1.98E-13
RP11-701H24.7	STK32A	-0.106020419	0.026370803
RP11-701H24.7	CYSLTR2	0.036792268	0.441775282
RP11-701H24.7	LAD1	-0.357945149	1.32E-14
RP11-701H24.7	MGAT3	-0.154653109	0.001165041

RP11-701H24.7	IGFBP6	-0.286292292	1.19E-09
RP11-701H24.7	CYP2S1	-0.378917754	9.07E-17
RP11-701H24.7	KCNJ2	-0.24387448	2.51E-07
RP11-701H24.7	FAM20A	-0.374609877	3.48E-16
RP11-701H24.7	TGFA	-0.101108174	0.034225732
RP11-701H24.7	MXRA8	-0.32202915	6.24E-12
RP11-701H24.7	C8orf4	-0.208116914	1.15E-05
RP11-701H24.7	CLDN10	-0.274086834	5.27E-09
RP11-701H24.7	PDE5A	0.011266974	0.813822585
RP11-701H24.7	APOE	-0.084684285	0.076325019
RP11-701H24.7	SPOCK2	-0.148479931	0.001829798
RP11-701H24.7	TENM1	-0.038427225	0.42174419
RP11-701H24.7	SLIT1	-0.147306087	0.001990107
RP11-701H24.7	CXCL14	-0.112955829	0.017949117
RP11-701H24.7	ECM1	-0.309938102	4.00E-11
RP11-701H24.7	DUSP5	-0.198803604	2.83E-05
RP11-701H24.7	SEZ6L2	-0.454256107	0
RP11-701H24.7	THRSP	-0.241493744	3.30E-07
RP11-701H24.7	C19orf33	-0.414553057	0
RP11-701H24.7	MPZL2	-0.19730013	3.25E-05
RP11-701H24.7	CTSH	-0.328578905	2.20E-12
RP11-701H24.7	CYP1B1	-0.158579728	0.000866752
RP11-701H24.7	ALOX5	-0.442490433	0
RP11-701H24.7	SYTL5	-0.105089546	0.027687048
RP11-701H24.7	TNFRSF12A	-0.196607965	3.47E-05
RP11-701H24.7	DUSP6	-0.096841429	0.04258881
RP11-701H24.7	ALOX15B	-0.382081148	1.68E-17
RP11-701H24.7	SDC4	-0.106570463	0.025596565
RP11-701H24.7	MDK	-0.347164108	9.55E-14
RP11-701H24.7	KRT19	-0.425291972	0
RP11-701H24.7	MET	-0.146052531	0.002175417
RP11-701H24.7	TESC	-0.099596048	0.037013598
RP11-701H24.7	CXCL17	-0.448921203	3.71E-23
RP11-701H24.7	NPC2	-0.399672924	0
RP11-701H24.7	COMP	-0.254869552	6.84E-08
RP11-701H24.7	TUSC3	-0.147955276	0.001899927
RP11-701H24.7	TMPRSS4	-0.328595642	2.19E-12
RP11-701H24.7	LGALS3	-0.418395992	0
RP11-701H24.7	CRLF1	-0.149682001	0.001677975
RP11-701H24.7	CTXN1	-0.327996664	2.41E-12
RP11-701H24.7	PCSK1N	-0.232971601	8.60E-07
RP11-701H24.7	NMU	-0.320045036	6.51E-12
RP11-701H24.7	GALE	-0.439327181	0
RP11-701H24.7	PCSK2	-0.199199188	2.72E-05
RP11-701H24.7	GJB3	-0.242924455	2.80E-07
RP11-701H24.7	SLPI	-0.381547273	2.53E-17
RP11-701H24.7	AGR2	-0.135447085	0.004497781
RP11-701H24.7	MRC2	-0.213002352	7.08E-06
RP11-701H24.7	GOLT1A	-0.362710025	5.17E-15
RP11-701H24.7	SLC27A6	-0.088755652	0.063168495
RP11-701H24.7	KCNN4	-0.46192212	0

RP11-701H24.7	ETV4	-0.184493733	0.000101083
RP11-701H24.7	SYT12	-0.208883827	1.07E-05
RP11-701H24.7	PVRL4	-0.395228599	0
RP11-701H24.7	PLCD3	-0.187451669	7.99E-05
RP11-701H24.7	PLAU	-0.46134541	0
RP11-701H24.7	LRRK2	-0.0199206	0.677121413
RP11-701H24.7	SFN	-0.457339079	0
RP11-701H24.7	LPAR5	-0.154867141	0.001146608
RP11-701H24.7	NGEF	-0.367980268	1.71E-15
RP11-701H24.7	DTX4	-0.151730271	0.001445651
RP11-701H24.7	CST6	-0.290052678	7.07E-10
RP11-701H24.7	QPCT	-0.221712854	2.89E-06
RP11-701H24.7	TIMP1	-0.387098353	0
RP11-701H24.7	CAMK2N1	-0.226606944	1.72E-06
RP11-701H24.7	KLHDC8A	-0.166231274	0.000477737
RP11-701H24.7	PDLIM4	-0.388059157	0
RP11-701H24.7	SCEL	-0.137625987	0.003889409
RP11-701H24.7	LCN2	-0.486100103	0
RP11-701H24.7	PROS1	-0.208677454	1.09E-05
RP11-701H24.7	GABRB2	-0.114305693	0.016616297
RP11-701H24.7	TMPRSS6	-0.318728175	1.04E-11
RP11-701H24.7	KLK7	-0.166093738	0.000475075
RP11-701H24.7	PDZK1IP1	-0.509804775	0
RP11-701H24.7	CDH3	-0.21388004	6.48E-06
RP11-701H24.7	LRP4	-0.008244141	0.863191275
RP11-701H24.7	IGSF1	-0.147982792	0.001896188
RP11-701H24.7	B3GNT3	-0.357935078	1.32E-14
RP11-701H24.7	CLDN1	-0.189636812	6.57E-05
RP11-701H24.7	GDF15	-0.370064848	1.07E-15
RP11-701H24.7	ARHGAP36	-0.159715814	0.000783779
RP11-701H24.7	LAMB3	-0.300113895	1.70E-10
RP11-701H24.7	KLK10	-0.253780243	7.80E-08
RP11-701H24.7	DPP4	-0.209763643	9.79E-06
RP11-701H24.7	METTL7B	-0.221172596	3.06E-06
RP11-701H24.7	LIPH	-0.314004147	2.16E-11
RP11-701H24.7	CLDN16	-0.149688809	0.00167715
RP11-701H24.7	CHI3L1	-0.41866293	0
RP11-701H24.7	SLC22A31	-0.376669698	3.02E-16
RP11-701H24.7	TACSTD2	-0.244884218	2.23E-07
RP11-701H24.7	SFTPB	-0.433049612	0
RP11-701H24.7	RXRG	-0.193142742	4.78E-05
RP11-701H24.7	DCSTAMP	-0.268594543	1.08E-08
RP11-701H24.7	CITED1	-0.350994136	4.81E-14
RP11-701H24.7	SERPINA1	-0.440575064	0
RP11-701H24.7	PRR15	-0.137138634	0.004018613
RP11-701H24.7	SLC34A2	-0.286141094	1.21E-09
RP11-701H24.7	FN1	-0.362416139	5.48E-15
RP11-701H24.7	ZCCHC12	-0.036961054	0.439682542
RP11-449J21.5	TFF3	0.684970512	0
RP11-449J21.5	CCL21	0.428757772	4.66E-21
RP11-449J21.5	TPO	0.698103638	0

RP11-449J21.5	MT1G	0.579133347	0
RP11-449J21.5	DI01	0.590655061	0
RP11-449J21.5	DPT	0.318981893	7.70E-12
RP11-449J21.5	CDH16	0.639029891	0
RP11-449J21.5	CRABP1	0.634914937	6.44E-51
RP11-449J21.5	SLC26A7	0.666049581	0
RP11-449J21.5	MT1H	0.529881613	3.80E-33
RP11-449J21.5	SLC26A4	0.692738364	0
RP11-449J21.5	SLC5A8	0.555896194	5.72E-37
RP11-449J21.5	PKHD1L1	0.618469896	1.10E-47
RP11-449J21.5	TFCP2L1	0.581524153	0
RP11-449J21.5	WSCD2	0.689009491	4.42E-63
RP11-449J21.5	IPCEF1	0.608493207	0
RP11-449J21.5	SLC5A5	0.5131207	7.45E-31
RP11-449J21.5	MT1F	0.61653821	0
RP11-449J21.5	FOSB	0.440995612	0
RP11-449J21.5	SEMA3D	0.634484175	7.88E-51
RP11-449J21.5	BMP8A	0.631354091	0
RP11-449J21.5	MATN2	0.690814911	0
RP11-449J21.5	PLA2R1	0.570113498	0
RP11-449J21.5	COL23A1	0.681243032	0
RP11-449J21.5	HGD	0.668980503	0
RP11-449J21.5	TCEAL2	0.553914705	0
RP11-449J21.5	CHRD1	0.309894073	3.17E-11
RP11-449J21.5	TNFRSF11B	0.47466108	0
RP11-449J21.5	FAM167A	0.701140796	0
RP11-449J21.5	KIT	0.624897523	0
RP11-449J21.5	SLC4A4	0.683602493	0
RP11-449J21.5	SMOC2	0.472450974	0
RP11-449J21.5	FHL1	0.702262019	0
RP11-449J21.5	OTOS	0.554192706	0
RP11-449J21.5	IGFBPL1	0.590285659	1.44E-42
RP11-449J21.5	HBB	0.389757799	0
RP11-449J21.5	BEX1	0.70372592	0
RP11-449J21.5	FABP4	0.60045907	2.34E-44
RP11-449J21.5	LMOD1	0.697598697	0
RP11-449J21.5	SOD3	0.569182905	0
RP11-449J21.5	TMEM171	0.492245339	0
RP11-449J21.5	PI16	0.373472911	4.69E-16
RP11-449J21.5	ZMAT4	0.67846407	1.67E-60
RP11-449J21.5	MFAP4	0.353488342	3.05E-14
RP11-449J21.5	CWH43	0.572891824	1.18E-39
RP11-449J21.5	SPX	0.748399084	0
RP11-449J21.5	APOD	0.187657475	7.85E-05
RP11-449J21.5	DPP6	0.650277292	0
RP11-449J21.5	MMRN1	0.436840351	0
RP11-449J21.5	WDR72	0.589653549	0
RP11-449J21.5	MPPED2	0.757224758	0
RP11-449J21.5	PAPSS2	0.469934358	0
RP11-449J21.5	DCN	0.117959134	0.013434269
RP11-449J21.5	SORBS2	0.700182119	0

RP11-449J21.5	EGR2	0.414933181	0
RP11-449J21.5	EDN3	0.652610971	1.27E-54
RP11-449J21.5	DIO2	0.64756877	0
RP11-449J21.5	ITPR1	0.700864923	0
RP11-449J21.5	CFD	0.307061078	6.14E-11
RP11-449J21.5	CPXM1	0.496745263	0
RP11-449J21.5	ELMO1	0.71919879	0
RP11-449J21.5	GPC3	0.509533317	2.22E-30
RP11-449J21.5	MYOC	0.385959249	4.82E-17
RP11-449J21.5	DEPTOR	0.604911678	0
RP11-449J21.5	DGKI	0.578923711	0
RP11-449J21.5	CARTPT	0.623789928	1.04E-48
RP11-449J21.5	IYD	0.498080234	0
RP11-449J21.5	LYVE1	0.418109623	0
RP11-449J21.5	CLCNKB	0.736694259	0
RP11-449J21.5	NCAM1	0.369778904	1.14E-15
RP11-449J21.5	HBA2	0.375734645	2.54E-16
RP11-449J21.5	GLT8D2	0.547757839	0
RP11-449J21.5	OGDHL	0.55159198	0
RP11-449J21.5	LIFR	0.568785335	0
RP11-449J21.5	CSGALNACT1	0.452597463	0
RP11-449J21.5	RAP1GAP	0.546077069	0
RP11-449J21.5	COL9A3	0.730647884	0
RP11-449J21.5	FBLN1	0.164823966	0.000534084
RP11-449J21.5	EFEMP1	0.428184456	0
RP11-449J21.5	AOX1	0.488886369	9.34E-28
RP11-449J21.5	GRIN2C	0.584367704	0
RP11-449J21.5	C11orf74	0.651451136	0
RP11-449J21.5	PPARGC1A	0.562246218	0
RP11-449J21.5	ANGPTL1	0.629563822	0
RP11-449J21.5	SCARA5	0.296653329	2.28E-10
RP11-449J21.5	LTF	0.563005047	0
RP11-449J21.5	CA4	0.688835464	4.88E-63
RP11-449J21.5	TG	0.686945169	0
RP11-449J21.5	FCGBP	0.703531319	0
RP11-449J21.5	PBX4	0.757473966	0
RP11-449J21.5	CYR61	0.486135846	0
RP11-449J21.5	FOS	0.456201687	0
RP11-449J21.5	KHDRBS2	0.777079261	0
RP11-449J21.5	MUM1L1	0.498166897	0
RP11-449J21.5	RGS16	0.611046843	0
RP11-449J21.5	MT1M	0.504330429	0
RP11-449J21.5	LRP2	0.584855624	0
RP11-449J21.5	MAFB	0.518077284	0
RP11-449J21.5	KCNK2	0.552247268	0
RP11-449J21.5	TBC1D4	0.601239515	0
RP11-449J21.5	MIOX	0.70327164	9.53E-67
RP11-449J21.5	TPPP	0.578487562	0
RP11-449J21.5	FMOD	0.517342001	0
RP11-449J21.5	CITED2	0.440482728	0
RP11-449J21.5	RGS8	0.67936004	1.02E-60

RP11-449J21.5	ABI3BP	0.343149834	1.93E-13
RP11-449J21.5	ADH1B	0.375213997	4.00E-16
RP11-449J21.5	OGN	0.219046464	3.61E-06
RP11-449J21.5	NR4A1	0.414624685	0
RP11-449J21.5	FOXJ1	0.859529118	1.82E-129
RP11-449J21.5	ALDH1A1	0.654319934	0
RP11-449J21.5	OCA2	0.578106253	1.65E-40
RP11-449J21.5	TMEM139	0.429186252	0
RP11-449J21.5	ARHGAP24	0.627809864	0
RP11-449J21.5	SLC25A15	0.538578281	0
RP11-449J21.5	DES	0.282173778	1.77E-09
RP11-449J21.5	GDF10	0.489268955	8.38E-28
RP11-449J21.5	KIAA1324	0.57851054	0
RP11-449J21.5	JUN	0.471691862	0
RP11-449J21.5	C7	0.089110454	0.062134918
RP11-449J21.5	LGI3	0.68168528	0
RP11-449J21.5	CDON	0.716697493	0
RP11-449J21.5	BCL2	0.600082975	0
RP11-449J21.5	HLF	0.710452687	0
RP11-449J21.5	EGR1	0.481427279	0
RP11-449J21.5	IP6K3	0.660728419	0
RP11-449J21.5	SCUBE3	0.597670609	0
RP11-449J21.5	PKNOX2	0.671566761	0
RP11-449J21.5	SMAD9	0.459073889	0
RP11-449J21.5	IQGAP2	0.599115078	0
RP11-449J21.5	GNA14	0.737411671	0
RP11-449J21.5	LAYN	0.638384106	0
RP11-449J21.5	AVPR1A	0.664549653	0
RP11-449J21.5	PDLIM3	0.454717361	0
RP11-449J21.5	GPM6A	0.566426726	0
RP11-449J21.5	SDPR	0.593625697	0
RP11-449J21.5	CRYAB	0.235184544	6.73E-07
RP11-449J21.5	FOXA2	0.576928499	2.58E-40
RP11-449J21.5	C8orf88	0.547148506	0
RP11-449J21.5	ISM1	0.552477185	0
RP11-449J21.5	BMP2	0.328835489	2.11E-12
RP11-449J21.5	ID4	0.585778558	0
RP11-449J21.5	NUPR1	0.281634219	2.24E-09
RP11-449J21.5	SERTM1	0.456936123	4.95E-24
RP11-449J21.5	IRS1	0.689466182	0
RP11-449J21.5	FIBIN	0.157609846	0.000933024
RP11-449J21.5	PODN	0.197139429	3.30E-05
RP11-449J21.5	TDRD9	0.406997535	0
RP11-449J21.5	EPHA3	0.374026359	4.06E-16
RP11-449J21.5	AIF1L	0.53458202	0
RP11-449J21.5	EBF4	0.739538377	0
RP11-449J21.5	ADM2	0.520252924	0
RP11-449J21.5	GSTM3	0.681666983	0
RP11-449J21.5	HSD17B6	0.481738044	0
RP11-449J21.5	AGR3	0.417866259	5.57E-20
RP11-449J21.5	EPHB1	0.42461626	0

RP11-449J21.5	TMOD1	0.339097263	3.86E-13
RP11-449J21.5	WASF3	0.639432708	0
RP11-449J21.5	SELV	0.706476653	1.33E-67
RP11-449J21.5	ENPP1	0.2647278	2.02E-08
RP11-449J21.5	SYNE1	0.680849742	4.45E-61
RP11-449J21.5	PLCH1	0.545669287	0
RP11-449J21.5	CCDC146	0.733085355	0
RP11-449J21.5	SLC16A2	0.69259752	0
RP11-449J21.5	IER2	0.590968663	0
RP11-449J21.5	KCNAB1	0.727384637	0
RP11-449J21.5	SYNDIG1	0.538290068	0
RP11-449J21.5	C16orf89	0.751616234	0
RP11-449J21.5	CTGF	0.365885475	2.68E-15
RP11-449J21.5	NR4A3	0.21394571	6.43E-06
RP11-449J21.5	KIAA1456	0.614276616	0
RP11-449J21.5	AQP4	0.501909553	0
RP11-449J21.5	RNF150	0.688964788	0
RP11-449J21.5	C1S	0.050199707	0.293839966
RP11-449J21.5	PFKFB2	0.480614836	0
RP11-449J21.5	PROX1	0.55223507	0
RP11-449J21.5	TCF7L1	0.743508256	0
RP11-449J21.5	HSPB6	0.444514307	0
RP11-449J21.5	FHDC1	0.529605664	0
RP11-449J21.5	PRR15L	0.48729962	0
RP11-449J21.5	SLC1A1	0.34608416	1.16E-13
RP11-449J21.5	BTBD11	0.810013701	0
RP11-449J21.5	TRIM58	0.510197522	0
RP11-449J21.5	LRIG1	0.488767208	0
RP11-449J21.5	ROR2	0.400285234	0
RP11-449J21.5	GPR125	0.632942241	0
RP11-449J21.5	FLRT1	0.781789531	0
RP11-449J21.5	PGF	0.67424805	0
RP11-449J21.5	DUSP1	0.395615247	0
RP11-449J21.5	PLA2G7	0.444576857	0
RP11-449J21.5	PLSCR4	0.453407921	0
RP11-449J21.5	FAM46B	0.413150713	0
RP11-449J21.5	GLDC	0.506579683	0
RP11-449J21.5	ZBTB16	0.410935359	0
RP11-449J21.5	OMD	0.117263187	0.013955042
RP11-449J21.5	HSD11B2	0.689642485	0
RP11-449J21.5	FGL2	0.187403728	8.03E-05
RP11-449J21.5	CLCNKA	0.746690328	2.14E-79
RP11-449J21.5	GATM	0.576741122	0
RP11-449J21.5	TNS3	0.446006859	0
RP11-449J21.5	TOB1	0.440623005	0
RP11-449J21.5	MARC2	0.675844853	0
RP11-449J21.5	LRRC2	0.504468579	0
RP11-449J21.5	SORD	0.383505334	0
RP11-449J21.5	RIMS4	0.568836113	0
RP11-449J21.5	SLC29A4	0.66925666	0
RP11-449J21.5	SLC39A14	0.573118034	0

RP11-449J21.5	FAXDC2	0.729080583	0
RP11-449J21.5	HSPB8	0.304473118	9.00E-11
RP11-449J21.5	CCL19	-0.016923361	0.72364005
RP11-449J21.5	KCNIP3	0.715341104	0
RP11-449J21.5	CGNL1	0.538307514	0
RP11-449J21.5	ATF3	0.160928835	0.000723861
RP11-449J21.5	SGCD	0.280660223	2.55E-09
RP11-449J21.5	STARD13	0.581970799	0
RP11-449J21.5	LDHD	0.644124681	0
RP11-449J21.5	RCAN1	0.393281175	0
RP11-449J21.5	ID3	0.399942414	0
RP11-449J21.5	SYTL3	0.619689689	0
RP11-449J21.5	MT1E	0.427071886	0
RP11-449J21.5	CAMK1D	0.633751706	0
RP11-449J21.5	PRKCQ	0.682111075	0
RP11-449J21.5	NUAK2	0.422925277	0
RP11-449J21.5	LIPG	0.629563113	0
RP11-449J21.5	SLC25A25	0.308742132	4.78E-11
RP11-449J21.5	PRKX	0.25439298	7.24E-08
RP11-449J21.5	SRPX	0.274874971	5.49E-09
RP11-449J21.5	FAM189A1	0.711036631	0
RP11-449J21.5	PLEKHH1	0.595178389	0
RP11-449J21.5	WNT11	0.564866233	0
RP11-449J21.5	SNAI1	0.425607559	0
RP11-449J21.5	FDCSP	0.071595427	0.13420175
RP11-449J21.5	MT1X	0.389348031	0
RP11-449J21.5	ACACB	0.702961701	0
RP11-449J21.5	ARC	0.271498821	8.53E-09
RP11-449J21.5	KLK4	0.171369101	0.000309683
RP11-449J21.5	ZFPM2	0.390240613	0
RP11-449J21.5	AKAP12	0.379608927	6.90E-17
RP11-449J21.5	GJB6	0.412709658	1.75E-19
RP11-449J21.5	ERO1LB	0.673819277	0
RP11-449J21.5	DNALI1	0.66279995	0
RP11-449J21.5	HKDC1	0.351196396	4.64E-14
RP11-449J21.5	ZFP36L2	0.486477957	0
RP11-449J21.5	CAPSL	0.728834053	6.74E-74
RP11-449J21.5	CYP7B1	0.513970532	0
RP11-449J21.5	CPQ	0.575446716	0
RP11-449J21.5	RPS6KA6	0.724663659	1.12E-72
RP11-449J21.5	TLE1	0.459852007	0
RP11-449J21.5	TP53INP2	0.684859454	0
RP11-449J21.5	KATNAL2	0.746769943	0
RP11-449J21.5	SGPP2	0.186421931	8.76E-05
RP11-449J21.5	CTH	0.483429735	0
RP11-449J21.5	KIF12	0.522346298	0
RP11-449J21.5	TMEM220	0.627356128	0
RP11-449J21.5	CENPJ	0.565128774	0
RP11-449J21.5	FAM155B	0.597227935	0
RP11-449J21.5	WFS1	0.631495644	0
RP11-449J21.5	SELENBP1	0.671875683	0

RP11-449J21.5	SNTA1	0.473272069	0
RP11-449J21.5	FRAS1	0.210956209	8.69E-06
RP11-449J21.5	FBLN7	0.590591659	0
RP11-449J21.5	AGPAT9	0.597661389	0
RP11-449J21.5	GPR83	0.647475299	0
RP11-449J21.5	PRTG	0.5941617	0
RP11-449J21.5	EGR3	0.272716635	7.28E-09
RP11-449J21.5	GRAMD2	0.447556855	0
RP11-449J21.5	HYOU1	0.566046886	0
RP11-449J21.5	FBLN5	0.37709926	1.69E-16
RP11-449J21.5	ITM2A	0.633433565	0
RP11-449J21.5	SRF	0.563602465	0
RP11-449J21.5	FGFR2	0.536876661	0
RP11-449J21.5	MT1A	0.231619405	9.30E-07
RP11-449J21.5	MAMDC2	0.26542266	1.85E-08
RP11-449J21.5	FHL2	0.355750361	2.00E-14
RP11-449J21.5	FTCDNL1	0.504695235	0
RP11-449J21.5	PKIA	0.532467512	0
RP11-449J21.5	DNAJB4	0.491638559	0
RP11-449J21.5	SLC25A33	0.566098798	0
RP11-449J21.5	EYA2	0.327879365	2.46E-12
RP11-449J21.5	LPAR1	0.239174706	4.30E-07
RP11-449J21.5	STX11	0.207350142	1.24E-05
RP11-449J21.5	ARHGEF28	0.423993311	0
RP11-449J21.5	OR2W3	0.589851695	0
RP11-449J21.5	ALDH1B1	0.437887266	5.44E-22
RP11-449J21.5	CXCL12	0.22736251	1.59E-06
RP11-449J21.5	OLFM2	0.634766408	0
RP11-449J21.5	TUB	0.514478734	0
RP11-449J21.5	HTRA3	0.305173226	8.12E-11
RP11-449J21.5	CKB	0.527675545	0
RP11-449J21.5	RGS2	0.091879115	0.054420818
RP11-449J21.5	SHANK2	0.709496847	0
RP11-449J21.5	CNTFR	0.663362648	5.36E-57
RP11-449J21.5	CYTH3	0.607909689	0
RP11-449J21.5	PLAC9	0.435447794	0
RP11-449J21.5	WWOX	0.709649606	0
RP11-449J21.5	NPR3	0.494135318	0
RP11-449J21.5	SDC2	0.479469075	0
RP11-449J21.5	KLF15	0.611101167	0
RP11-449J21.5	TMEM164	0.566028872	0
RP11-449J21.5	LONRF3	0.240467268	3.71E-07
RP11-449J21.5	GBP1	0.20298014	1.90E-05
RP11-449J21.5	ARHGAP6	0.430668876	0
RP11-449J21.5	TMEM119	0.147896414	0.001907946
RP11-449J21.5	SH3RF1	0.457889265	0
RP11-449J21.5	CRELD2	0.555364848	0
RP11-449J21.5	PCP4	0.092816233	0.051997486
RP11-449J21.5	GCSH	0.681523586	0
RP11-449J21.5	IMPA2	0.588949753	0
RP11-449J21.5	C1R	0.039955378	0.40351103

RP11-449J21.5	SUCNR1	0.398668575	0
RP11-449J21.5	SFRP1	0.474655549	0
RP11-449J21.5	UGT8	0.477742634	0
RP11-449J21.5	TLE4	0.304885722	8.47E-11
RP11-449J21.5	ANTXR1	0.40429029	0
RP11-449J21.5	GPX3	0.344945776	1.41E-13
RP11-449J21.5	DPY19L2	0.649084299	0
RP11-449J21.5	FAM46C	0.464419446	0
RP11-449J21.5	IL33	0.254880057	6.14E-08
RP11-449J21.5	PEG3	0.638350916	0
RP11-449J21.5	FAHD2A	0.646487262	0
RP11-449J21.5	PTGDS	0.138895855	0.003570237
RP11-449J21.5	CHCHD10	0.388408786	0
RP11-449J21.5	CD36	0.614582843	0
RP11-449J21.5	ANKRD37	0.588548637	0
RP11-449J21.5	TSPAN33	0.534851653	0
RP11-449J21.5	PRDM16	0.679603679	0
RP11-449J21.5	UST	0.673318308	0
RP11-449J21.5	NEXN	0.548290012	0
RP11-449J21.5	NUPR1L	0.291635897	4.70E-10
RP11-449J21.5	SLC24A3	0.549829512	0
RP11-449J21.5	MARC1	0.691895284	0
RP11-449J21.5	MYH11	0.375974492	2.37E-16
RP11-449J21.5	APOA1	0.593321336	4.28E-43
RP11-449J21.5	TMEM178B	0.440284724	0
RP11-449J21.5	CAPN6	0.3583034	9.60E-15
RP11-449J21.5	PPM1L	0.594980526	0
RP11-449J21.5	FZD8	0.627006783	0
RP11-449J21.5	RCAN2	0.623687794	0
RP11-449J21.5	COPZ2	0.554874659	0
RP11-449J21.5	GAS1	0.224471869	2.16E-06
RP11-449J21.5	DACT1	0.470348664	0
RP11-449J21.5	WBSCR17	0.623092645	0
RP11-449J21.5	NCS1	0.500982364	0
RP11-449J21.5	SPIRE2	0.562026229	0
RP11-449J21.5	C15orf52	0.311497176	3.16E-11
RP11-449J21.5	SPAG5	0.501484609	0
RP11-449J21.5	ARL4D	0.452992622	0
RP11-449J21.5	FAM189A2	0.607137103	0
RP11-449J21.5	MAP1LC3A	0.683273431	0
RP11-449J21.5	KLF6	0.041509771	0.38545645
RP11-449J21.5	ADD3	0.384726269	0
RP11-449J21.5	TSPAN7	0.59864347	0
RP11-449J21.5	KLF9	0.441996273	0
RP11-449J21.5	KCNQ1	0.662016584	0
RP11-449J21.5	MAN1A1	0.147113331	0.002017628
RP11-449J21.5	MLF1	0.37693941	1.78E-16
RP11-449J21.5	RARB	0.686096273	0
RP11-449J21.5	CDC42EP2	0.488057455	0
RP11-449J21.5	FAM3B	0.281221047	2.37E-09
RP11-449J21.5	GADD45B	0.276241713	4.59E-09

RP11-449J21.5	TMEM47	0.552168406	0
RP11-449J21.5	SDF2L1	0.495124065	0
RP11-449J21.5	CCDC85A	0.312441244	2.74E-11
RP11-449J21.5	CRYBG3	0.132210787	0.005560753
RP11-449J21.5	FBLN2	0.070972747	0.137587415
RP11-449J21.5	PEBP4	0.281641878	2.24E-09
RP11-449J21.5	CDADC1	0.720847222	0
RP11-449J21.5	FAM63A	0.570707228	0
RP11-449J21.5	GLUL	0.381440611	2.72E-17
RP11-449J21.5	FREM2	0.417304414	0
RP11-449J21.5	ACKR3	0.613398219	0
RP11-449J21.5	DENND6A	0.673138317	0
RP11-449J21.5	CLDN8	0.099736608	0.036746565
RP11-449J21.5	UTS2R	0.242110591	2.82E-07
RP11-449J21.5	SCNN1B	0.5176122	0
RP11-449J21.5	TTC30A	0.581887257	0
RP11-449J21.5	CORO2B	0.68095099	0
RP11-449J21.5	TC2N	0.183558665	0.000112645
RP11-449J21.5	ALDH2	0.601714669	0
RP11-449J21.5	GPR183	0.024027777	0.6154825
RP11-449J21.5	C4orf47	0.596046574	0
RP11-449J21.5	SLC25A42	0.805044012	0
RP11-449J21.5	LGMN	0.493943129	0
RP11-449J21.5	ACSF2	0.661071665	0
RP11-449J21.5	KIAA1467	0.626932318	0
RP11-449J21.5	PRKG1	0.651624744	0
RP11-449J21.5	GNAI1	0.623908209	0
RP11-449J21.5	ABCC4	0.32818318	2.34E-12
RP11-449J21.5	PRPS1	0.616666572	0
RP11-449J21.5	TSPAN5	0.305248967	8.03E-11
RP11-449J21.5	CR2	0.230573594	1.04E-06
RP11-449J21.5	CCDC170	0.469245455	0
RP11-449J21.5	RRAD	0.016145888	0.735752268
RP11-449J21.5	SCGB2A1	0.564419446	0
RP11-449J21.5	SESN3	0.259741091	3.77E-08
RP11-449J21.5	SGK223	0.365954975	2.64E-15
RP11-449J21.5	NDRG2	0.754710269	0
RP11-449J21.5	C3orf52	0.219957194	3.47E-06
RP11-449J21.5	FLRT3	-0.318184797	1.14E-11
RP11-449J21.5	MST1R	-0.657499071	0
RP11-449J21.5	SDC1	-0.375729823	2.55E-16
RP11-449J21.5	ST8SIA4	-0.583839503	0
RP11-449J21.5	UBTD1	-0.244280701	2.40E-07
RP11-449J21.5	EPHA2	-0.373069526	5.19E-16
RP11-449J21.5	TMEM130	-0.127234006	0.007639885
RP11-449J21.5	SPINK2	-0.449793627	0
RP11-449J21.5	MMP16	-0.611358459	0
RP11-449J21.5	SIGLEC15	-0.507248728	0
RP11-449J21.5	RIN1	-0.449348542	0
RP11-449J21.5	IL1RN	-0.609186933	0
RP11-449J21.5	FCER1G	-0.309592871	4.21E-11

RP11-449J21.5	CD276	-0.604437516	0
RP11-449J21.5	CTSB	-0.47539764	0
RP11-449J21.5	FAM171A2	-0.001774383	0.970417013
RP11-449J21.5	ASPHD1	-0.492535395	0
RP11-449J21.5	C15orf48	-0.498848566	0
RP11-449J21.5	DYSF	-0.074490592	0.119094615
RP11-449J21.5	PDZRN4	-0.047587492	0.319706044
RP11-449J21.5	EFHD2	-0.178345016	0.000176457
RP11-449J21.5	ASF1B	-0.342052866	2.33E-13
RP11-449J21.5	AQP1	-0.051590562	0.280655274
RP11-449J21.5	ARRDC2	-0.384302601	0
RP11-449J21.5	PRSS1	-0.407967755	4.91E-19
RP11-449J21.5	MAPK13	-0.570620991	0
RP11-449J21.5	CST5	-0.570397872	2.99E-39
RP11-449J21.5	AHR	-0.528635498	0
RP11-449J21.5	BAX	-0.411273215	0
RP11-449J21.5	C1orf115	-0.18352817	0.000112945
RP11-449J21.5	PLK3	-0.435014482	0
RP11-449J21.5	JAG2	-0.125958039	0.008274288
RP11-449J21.5	RAD23B	-0.523713183	0
RP11-449J21.5	CA12	0.211571357	8.17E-06
RP11-449J21.5	ADTRP	-0.274205925	6.00E-09
RP11-449J21.5	UCP2	-0.283883047	1.65E-09
RP11-449J21.5	IGFBP2	-0.182977559	0.000118495
RP11-449J21.5	LOXL2	-0.212181398	7.69E-06
RP11-449J21.5	GPX1	-0.383632988	0
RP11-449J21.5	P3H3	-0.349176494	6.67E-14
RP11-449J21.5	C2orf81	-0.229894445	1.21E-06
RP11-449J21.5	CDT1	-0.408851488	0
RP11-449J21.5	SNX25	-0.257175682	5.17E-08
RP11-449J21.5	MTHFD1L	-0.544752735	0
RP11-449J21.5	CDC42BPG	-0.571540613	1.96E-39
RP11-449J21.5	MSN	-0.565661231	0
RP11-449J21.5	SIGLEC6	-0.377570425	2.53E-16
RP11-449J21.5	F2R	-0.165144376	0.000520737
RP11-449J21.5	TMEM184A	-0.562125089	0
RP11-449J21.5	CKS2	-0.281754781	2.20E-09
RP11-449J21.5	TAX1BP3	-0.534326004	0
RP11-449J21.5	PMEPA1	-0.433636108	0
RP11-449J21.5	CXCL16	-0.566130002	0
RP11-449J21.5	FAXC	-0.669830817	0
RP11-449J21.5	VTCN1	-0.612930684	1.23E-46
RP11-449J21.5	SH2D4A	-0.471262804	0
RP11-449J21.5	RNF24	-0.417496036	0
RP11-449J21.5	LY6G6C	-0.528256271	6.42E-33
RP11-449J21.5	NID1	-0.325577915	3.56E-12
RP11-449J21.5	STAC	-0.721001682	0
RP11-449J21.5	RAB34	-0.444732027	0
RP11-449J21.5	HES4	-0.253205094	8.36E-08
RP11-449J21.5	EPHA10	-0.588365809	0
RP11-449J21.5	ENTPD2	-0.368179265	1.64E-15

RP11-449J21.5	DDB2	-0.500403243	0
RP11-449J21.5	NKAIN4	-0.246475347	1.86E-07
RP11-449J21.5	TRIM29	-0.439663052	0
RP11-449J21.5	ADCY8	-0.652737183	1.19E-54
RP11-449J21.5	SFTA2	-0.440842144	0
RP11-449J21.5	NRIP1	-0.484234945	0
RP11-449J21.5	VWA1	0.017033079	0.72181809
RP11-449J21.5	APLNR	-0.052034512	0.276532517
RP11-449J21.5	REN	-0.388029505	3.18E-17
RP11-449J21.5	EDIL3	-0.159832859	0.000787569
RP11-449J21.5	AGRN	-0.36033865	8.29E-15
RP11-449J21.5	TREM1	-0.520551917	0
RP11-449J21.5	SRL	-0.318518965	1.08E-11
RP11-449J21.5	RASGRF1	-0.440092393	0
RP11-449J21.5	RMI2	-0.42688225	0
RP11-449J21.5	SAMD1	-0.375747553	2.53E-16
RP11-449J21.5	MGAT4B	-0.651125052	0
RP11-449J21.5	NXN	-0.557839338	0
RP11-449J21.5	SH3BGRL3	-0.491674586	0
RP11-449J21.5	CA11	-0.195770842	3.75E-05
RP11-449J21.5	PLD3	-0.142320229	0.002824448
RP11-449J21.5	LURAP1L	-0.568948164	0
RP11-449J21.5	CARNS1	-0.142923887	0.002708752
RP11-449J21.5	PDLIM7	-0.358664972	1.15E-14
RP11-449J21.5	BCL2L1	-0.666868406	0
RP11-449J21.5	GGT6	-0.127553281	0.007488105
RP11-449J21.5	DPYSL3	-0.361098897	7.13E-15
RP11-449J21.5	FYN	-0.422540048	0
RP11-449J21.5	TK1	-0.350398562	5.36E-14
RP11-449J21.5	AK1	-0.167967219	0.000415852
RP11-449J21.5	HIGD1B	0.084221328	0.077950563
RP11-449J21.5	TMEM59L	-0.332782391	1.11E-12
RP11-449J21.5	MEGF9	-0.427792419	0
RP11-449J21.5	ZFP36L1	-0.503667199	0
RP11-449J21.5	ADRA1B	-0.339175416	3.81E-13
RP11-449J21.5	EPHA4	-0.56336432	0
RP11-449J21.5	TCERG1L	-0.103453592	0.030256289
RP11-449J21.5	NGFR	-0.184116227	0.000107288
RP11-449J21.5	EBI3	-0.514328387	0
RP11-449J21.5	S100A10	-0.582273621	0
RP11-449J21.5	S100B	-0.441775007	0
RP11-449J21.5	CD44	-0.131895909	0.005675389
RP11-449J21.5	BHLHE41	-0.43237163	0
RP11-449J21.5	FBX02	-0.329435885	1.91E-12
RP11-449J21.5	SLC30A2	-0.524437403	0
RP11-449J21.5	FRMD5	-0.658165847	0
RP11-449J21.5	SAMD11	-0.206817685	1.31E-05
RP11-449J21.5	SIPA1L2	-0.431895909	0
RP11-449J21.5	S100A16	-0.620944947	0
RP11-449J21.5	PPL	-0.684239767	0
RP11-449J21.5	ARHGD1B	-0.114125134	0.016789399

RP11-449J21.5	CDC42EP3	-0.589966725	0
RP11-449J21.5	RUNX2	-0.390830939	0
RP11-449J21.5	LAMC2	-0.602095785	0
RP11-449J21.5	BRINP1	-0.425183608	0
RP11-449J21.5	GPRC5B	-0.44129815	0
RP11-449J21.5	AQP5	-0.061137477	0.200984009
RP11-449J21.5	PLAG1	-0.237631518	5.12E-07
RP11-449J21.5	PTPRU	-0.527444634	0
RP11-449J21.5	ANGPTL4	-0.512831863	0
RP11-449J21.5	PALM3	-0.309761657	4.10E-11
RP11-449J21.5	ACP5	-0.378497775	1.06E-16
RP11-449J21.5	DLG4	-0.155382435	0.001103327
RP11-449J21.5	ETNK2	-0.353341115	3.13E-14
RP11-449J21.5	CD109	-0.516443462	0
RP11-449J21.5	SNX22	-0.298822326	2.05E-10
RP11-449J21.5	TMEM98	-0.513536794	0
RP11-449J21.5	CTHRC1	-0.372587563	5.86E-16
RP11-449J21.5	S100A2	-0.515411455	0
RP11-449J21.5	C11orf80	-0.606320546	0
RP11-449J21.5	SREBF1	-0.490437482	0
RP11-449J21.5	PRSS22	-0.49810463	0
RP11-449J21.5	CMTM3	-0.507242346	0
RP11-449J21.5	RDH5	-0.398174982	0
RP11-449J21.5	MYH10	-0.585606226	0
RP11-449J21.5	EVPL	-0.514357747	0
RP11-449J21.5	SCD	-0.448967568	0
RP11-449J21.5	CD151	-0.447927476	0
RP11-449J21.5	S100A4	-0.496724839	0
RP11-449J21.5	BNIP1	-0.23157408	1.00E-06
RP11-449J21.5	MAP3K6	-0.581262606	0
RP11-449J21.5	MANEAL	-0.405421015	0
RP11-449J21.5	CD207	-0.411588953	2.23E-19
RP11-449J21.5	CD1A	-0.446543771	6.67E-23
RP11-449J21.5	C3	-0.389851553	0
RP11-449J21.5	NT5E	-0.53045456	0
RP11-449J21.5	CACNG4	-0.513588929	6.46E-31
RP11-449J21.5	FHOD1	-0.345039956	1.39E-13
RP11-449J21.5	LEMD1	-0.572474944	0
RP11-449J21.5	ATP11A	-0.237175654	5.39E-07
RP11-449J21.5	PPAP2C	-0.306668898	6.51E-11
RP11-449J21.5	DRAM1	-0.536318107	0
RP11-449J21.5	CDA	-0.124040543	0.00931619
RP11-449J21.5	CCND2	-0.212068921	7.77E-06
RP11-449J21.5	LCN6	-0.154038534	0.001205365
RP11-449J21.5	CDH4	-0.442476391	0
RP11-449J21.5	MMP11	-0.465917247	0
RP11-449J21.5	B3GAT1	-0.360454673	8.10E-15
RP11-449J21.5	SPP1	-0.251861896	9.82E-08
RP11-449J21.5	HLA-DQB1	-0.426822536	0
RP11-449J21.5	SDC3	-0.482439003	0
RP11-449J21.5	CX3CL1	-0.40134958	0

RP11-449J21.5	SDK1	-0.288944788	8.25E-10
RP11-449J21.5	DOCK9	-0.533009897	0
RP11-449J21.5	CSF2	-0.563401899	3.90E-38
RP11-449J21.5	GRHL3	-0.628873076	0
RP11-449J21.5	TMEM92	-0.64751914	1.57E-53
RP11-449J21.5	BASP1	-0.563750543	0
RP11-449J21.5	HRH1	-0.598056548	0
RP11-449J21.5	ESM1	0.054997064	0.250076379
RP11-449J21.5	B4GALNT3	-0.588026393	0
RP11-449J21.5	LMO3	-0.240812074	3.57E-07
RP11-449J21.5	C9orf16	-0.532860968	0
RP11-449J21.5	SEMA3F	-0.102572926	0.031697895
RP11-449J21.5	PLA2G12B	-0.180078425	0.000148623
RP11-449J21.5	KLK6	-0.383390148	8.05E-17
RP11-449J21.5	ST3GAL5	-0.29795329	2.32E-10
RP11-449J21.5	FAM132B	-0.109143389	0.022229953
RP11-449J21.5	CDKN1A	-0.318622648	1.06E-11
RP11-449J21.5	E2F1	-0.42823339	0
RP11-449J21.5	B3GNT8	-0.336764184	5.71E-13
RP11-449J21.5	MTMR11	-0.546484992	0
RP11-449J21.5	MYO1G	-0.502235211	0
RP11-449J21.5	TMSB10	-0.474928159	0
RP11-449J21.5	UNC5CL	-0.649891495	0
RP11-449J21.5	ABR	-0.563906138	0
RP11-449J21.5	PLP2	-0.558656462	0
RP11-449J21.5	SRCIN1	-0.398577657	0
RP11-449J21.5	PDE9A	-0.63162812	0
RP11-449J21.5	TREM2	-0.247036597	1.74E-07
RP11-449J21.5	KDEL3	-0.468111183	0
RP11-449J21.5	PC	-0.510385031	0
RP11-449J21.5	C2CD4A	-0.679790904	0
RP11-449J21.5	PELI1	-0.537666836	0
RP11-449J21.5	SSX1	-0.274372442	5.87E-09
RP11-449J21.5	MROH6	-0.486659792	0
RP11-449J21.5	ESPN	-0.352493213	3.66E-14
RP11-449J21.5	BMP1	-0.306049921	7.13E-11
RP11-449J21.5	TM4SF4	-0.473335806	6.79E-26
RP11-449J21.5	CORO2A	-0.531317639	0
RP11-449J21.5	CD164L2	-0.460778929	1.85E-24
RP11-449J21.5	CTSS	-0.482706224	0
RP11-449J21.5	CLU	-0.477397969	0
RP11-449J21.5	TMSB4X	-0.49492606	0
RP11-449J21.5	WNT10A	-0.401821274	1.83E-18
RP11-449J21.5	NAPSA	-0.399010686	0
RP11-449J21.5	PLEKHA4	-0.405759722	0
RP11-449J21.5	SFTPA1	-0.040090079	0.402074254
RP11-449J21.5	C1orf116	-0.550184814	0
RP11-449J21.5	TM4SF1	-0.533769152	0
RP11-449J21.5	SEL1L3	-0.504690838	0
RP11-449J21.5	VASN	-0.568499533	0
RP11-449J21.5	NPTXR	-0.652605406	0

RP11-449J21.5	PDE4C	-0.525996619	0
RP11-449J21.5	CDC42EP1	-0.598958206	0
RP11-449J21.5	ENDOD1	-0.637024456	0
RP11-449J21.5	RYR1	-0.450213607	0
RP11-449J21.5	IL1RAP	-0.562023534	0
RP11-449J21.5	SLC35F2	-0.597993522	6.44E-44
RP11-449J21.5	ISYNA1	-0.245878497	1.99E-07
RP11-449J21.5	HLA-G	-0.54701291	0
RP11-449J21.5	CDKN2B	-0.594241129	0
RP11-449J21.5	ALDH1A3	-0.50725582	0
RP11-449J21.5	CLIP3	-0.32497681	3.91E-12
RP11-449J21.5	ULBP2	-0.452024441	0
RP11-449J21.5	ETHE1	-0.695093712	0
RP11-449J21.5	XPR1	-0.49214818	0
RP11-449J21.5	SPTBN2	-0.641736711	0
RP11-449J21.5	IVL	-0.571564587	1.94E-39
RP11-449J21.5	MARCO	-0.465441808	0
RP11-449J21.5	PLXND1	-0.135200005	0.004571937
RP11-449J21.5	EMILIN2	-0.46570208	0
RP11-449J21.5	PLAUR	-0.566606717	0
RP11-449J21.5	CDC42EP5	-0.459856262	0
RP11-449J21.5	TRPC5	-0.208719943	1.04E-05
RP11-449J21.5	TMEM100	-0.37469427	3.40E-16
RP11-449J21.5	QSOX1	-0.619585155	0
RP11-449J21.5	ARHGAP23	-0.383286196	1.87E-18
RP11-449J21.5	MDF1	-0.291985918	5.40E-10
RP11-449J21.5	FSTL3	-0.55442617	0
RP11-449J21.5	INF2	-0.455275348	0
RP11-449J21.5	TGFBR1	-0.545073713	0
RP11-449J21.5	TGFBI	-0.30250456	1.20E-10
RP11-449J21.5	ERBB3	-0.637976466	0
RP11-449J21.5	CCL18	-0.339800066	3.42E-13
RP11-449J21.5	CCL17	-0.541978278	6.98E-35
RP11-449J21.5	C16orf45	-0.312309335	2.80E-11
RP11-449J21.5	PRDM1	-0.199023026	2.77E-05
RP11-449J21.5	TRIM47	-0.592220375	0
RP11-449J21.5	CNFN	-0.494974569	0
RP11-449J21.5	ARMCX3	-0.326125549	3.26E-12
RP11-449J21.5	RAMP1	-0.264743261	2.02E-08
RP11-449J21.5	GABRD	0.049702	0.298657082
RP11-449J21.5	COL13A1	-0.148753961	0.00179412
RP11-449J21.5	S100A5	-0.445228457	0
RP11-449J21.5	MISP	-0.526644247	0
RP11-449J21.5	HES6	-0.207867564	1.18E-05
RP11-449J21.5	PSD3	-0.584028714	0
RP11-449J21.5	DOK7	-0.484126723	0
RP11-449J21.5	ZMAT3	-0.559362102	0
RP11-449J21.5	MFAP2	-0.222189143	2.75E-06
RP11-449J21.5	TMEM79	-0.483991694	0
RP11-449J21.5	SLC1A5	-0.419000786	0
RP11-449J21.5	BBC3	-0.467205553	0

RP11-449J21.5	HLA-DQB2	-0.416895072	0
RP11-449J21.5	C1QL1	-0.317704394	1.22E-11
RP11-449J21.5	TMEM215	-0.120266674	0.011674221
RP11-449J21.5	PNP	-0.449438892	0
RP11-449J21.5	ARNTL	-0.516855925	0
RP11-449J21.5	CLDN2	-0.193176081	4.61E-05
RP11-449J21.5	MVP	-0.660857207	0
RP11-449J21.5	LGALS1	-0.522570826	0
RP11-449J21.5	BIRC7	-0.391469483	1.58E-17
RP11-449J21.5	COL8A1	-0.591711322	0
RP11-449J21.5	PERP	-0.657163768	0
RP11-449J21.5	GJA4	-0.13226426	0.005541493
RP11-449J21.5	IGFL2	-0.456348218	5.75E-24
RP11-449J21.5	DAPK2	-0.426653041	0
RP11-449J21.5	MAMLD1	-0.531137222	0
RP11-449J21.5	ETV5	-0.25788657	4.74E-08
RP11-449J21.5	RUNX1	-0.695246612	0
RP11-449J21.5	LONRF2	-0.282036895	2.12E-09
RP11-449J21.5	SPOCK1	-0.122810389	0.010044607
RP11-449J21.5	XKRX	-0.411810352	0
RP11-449J21.5	TGFB1	-0.193823277	4.49E-05
RP11-449J21.5	ERP27	-0.242356255	2.99E-07
RP11-449J21.5	TNFRSF10C	-0.431570392	0
RP11-449J21.5	PALM	-0.505288965	0
RP11-449J21.5	TSC22D1	-0.290717469	6.45E-10
RP11-449J21.5	TGM2	-0.558807377	0
RP11-449J21.5	UBE2QL1	-0.229748778	1.22E-06
RP11-449J21.5	ECE1	-0.523061867	0
RP11-449J21.5	COL8A2	-0.603155734	0
RP11-449J21.5	HIST3H2A	-0.476437448	0
RP11-449J21.5	TNFRSF21	-0.577285351	0
RP11-449J21.5	SOX4	-0.540703143	0
RP11-449J21.5	ELF3	-0.651632971	0
RP11-449J21.5	TPD52L1	-0.535316169	0
RP11-449J21.5	INHBB	-0.292772405	4.83E-10
RP11-449J21.5	HPN	-0.379446949	7.38E-17
RP11-449J21.5	MMP7	-0.477112548	2.45E-26
RP11-449J21.5	RAB27A	-0.523773322	0
RP11-449J21.5	IGF2BP2	-0.438265814	0
RP11-449J21.5	ITGB4	-0.548500072	0
RP11-449J21.5	PPP1R1B	-0.411213785	0
RP11-449J21.5	NPDC1	-0.237577762	5.15E-07
RP11-449J21.5	CCL13	-0.587245079	4.79E-42
RP11-449J21.5	SPINT1	-0.68778527	0
RP11-449J21.5	HEY2	-0.231108571	1.06E-06
RP11-449J21.5	CST2	-0.583839148	1.81E-41
RP11-449J21.5	ADM	-0.368752571	1.44E-15
RP11-449J21.5	VSTM2L	-0.502289109	0
RP11-449J21.5	FAM84A	-0.527730578	0
RP11-449J21.5	P4HA2	-0.457210149	0
RP11-449J21.5	LPL	-0.320846229	7.51E-12

RP11-449J21.5	TMEM173	-0.463913372	0
RP11-449J21.5	DHRS3	-0.429785656	0
RP11-449J21.5	SCN1B	-0.569555369	0
RP11-449J21.5	GLT1D1	-0.213753947	6.56E-06
RP11-449J21.5	PHYHIP	-0.416842876	0
RP11-449J21.5	BHLHE40	-0.579813739	0
RP11-449J21.5	BID	-0.512703643	0
RP11-449J21.5	POSTN	-0.440167425	0
RP11-449J21.5	ITGA3	-0.73730118	0
RP11-449J21.5	RSP04	-0.497675289	0
RP11-449J21.5	ADAMTS9	-0.113211845	0.017689382
RP11-449J21.5	ABTB2	-0.695136121	0
RP11-449J21.5	KCNQ3	-0.707231141	0
RP11-449J21.5	ANXA1	-0.477875677	0
RP11-449J21.5	S100A11	-0.587829239	0
RP11-449J21.5	CEACAM6	-0.605223316	3.24E-45
RP11-449J21.5	IER5L	-0.493096787	0
RP11-449J21.5	KRT80	-0.616307724	0
RP11-449J21.5	CDH6	-0.595282072	0
RP11-449J21.5	UNC5B	-0.410329289	0
RP11-449J21.5	PLEKHN1	-0.570424972	0
RP11-449J21.5	SYTL1	-0.383224213	2.51E-18
RP11-449J21.5	TMEM163	-0.533633839	0
RP11-449J21.5	C4orf48	-0.202960141	1.90E-05
RP11-449J21.5	B3GNT7	-0.347243963	9.41E-14
RP11-449J21.5	BAIAP3	-0.361088969	7.15E-15
RP11-449J21.5	PHLDA2	-0.534050415	0
RP11-449J21.5	GAP43	-0.497385141	8.17E-29
RP11-449J21.5	S100A1	-0.47245991	0
RP11-449J21.5	PTPRE	-0.669678767	0
RP11-449J21.5	CCND1	-0.483067909	0
RP11-449J21.5	ST6GALNAC5	-0.72464812	1.14E-72
RP11-449J21.5	KRT17	-0.257990537	4.68E-08
RP11-449J21.5	HPCAL4	-0.256712868	5.47E-08
RP11-449J21.5	GABBR2	-0.313184896	2.45E-11
RP11-449J21.5	DIRAS3	-0.270811904	9.32E-09
RP11-449J21.5	SERINC2	-0.487993345	0
RP11-449J21.5	PTCHD4	-0.382688494	8.61E-18
RP11-449J21.5	EPS8	-0.401864024	0
RP11-449J21.5	LY6E	-0.472012555	0
RP11-449J21.5	UPP1	-0.656134598	0
RP11-449J21.5	AHNAK2	-0.689439516	0
RP11-449J21.5	PLXNC1	-0.326525529	3.06E-12
RP11-449J21.5	TNC	-0.606730456	0
RP11-449J21.5	DUSP4	-0.394261553	0
RP11-449J21.5	NRCAM	-0.422997614	0
RP11-449J21.5	NRP2	-0.375925842	2.41E-16
RP11-449J21.5	CTSC	-0.615792572	0
RP11-449J21.5	AMIGO2	-0.313348576	2.39E-11
RP11-449J21.5	NAB2	-0.371686756	7.30E-16
RP11-449J21.5	TBC1D2	-0.689498095	0

RP11-449J21.5	PHLDA3	-0.503863218	0
RP11-449J21.5	PTP4A3	-0.355346267	2.16E-14
RP11-449J21.5	CRABP2	-0.240587404	3.66E-07
RP11-449J21.5	GOS2	-0.384477912	0
RP11-449J21.5	S100A6	-0.680924041	0
RP11-449J21.5	FOXQ1	-0.541301271	0
RP11-449J21.5	LRG1	-0.506436853	0
RP11-449J21.5	LAMP5	-0.396283442	0
RP11-449J21.5	ALDH3B1	-0.608823546	0
RP11-449J21.5	CDH2	0.075668691	0.113355797
RP11-449J21.5	SCG5	-0.121672997	0.010762656
RP11-449J21.5	ZCCHC16	-0.188994024	6.76E-05
RP11-449J21.5	GRB7	-0.575963854	0
RP11-449J21.5	TIAM1	-0.437064312	0
RP11-449J21.5	FXYD5	-0.328504583	2.22E-12
RP11-449J21.5	CLDN9	-0.315088067	1.83E-11
RP11-449J21.5	FAM43A	-0.525893787	0
RP11-449J21.5	CHST2	-0.481237784	0
RP11-449J21.5	HMGA2	-0.376941963	1.78E-16
RP11-449J21.5	GALNT7	-0.545062508	0
RP11-449J21.5	CBLN1	-0.534095377	0
RP11-449J21.5	STRA6	-0.502368255	0
RP11-449J21.5	MUC21	-0.629247076	8.82E-50
RP11-449J21.5	PRR36	-0.435300425	0
RP11-449J21.5	NFE2L3	-0.590017077	0
RP11-449J21.5	NR1D1	-0.40061302	0
RP11-449J21.5	MUC1	-0.692166761	0
RP11-449J21.5	NAT8L	-0.095518656	0.045508269
RP11-449J21.5	APOC1	-0.090656337	0.057723457
RP11-449J21.5	EVA1A	-0.652150535	0
RP11-449J21.5	ENTPD1	-0.260675797	3.36E-08
RP11-449J21.5	COL1A1	-0.44945492	0
RP11-449J21.5	FNDC4	-0.471007923	0
RP11-449J21.5	FRMD3	-0.100311333	0.035671687
RP11-449J21.5	SHROOM4	-0.429239157	0
RP11-449J21.5	NELL2	-0.251998769	9.66E-08
RP11-449J21.5	EPHB3	-0.636291867	0
RP11-449J21.5	TMC6	-0.579225825	0
RP11-449J21.5	NOD1	-0.42286755	0
RP11-449J21.5	GGCT	-0.568605911	0
RP11-449J21.5	ICAM1	-0.554969122	0
RP11-449J21.5	PRSS23	-0.530941203	0
RP11-449J21.5	CFI	-0.494595722	0
RP11-449J21.5	CD55	-0.678415084	0
RP11-449J21.5	RASD2	-0.477257551	0
RP11-449J21.5	KLK11	-0.334642623	6.01E-13
RP11-449J21.5	ICAM5	-0.366018235	2.61E-15
RP11-449J21.5	ADORA1	-0.496552932	0
RP11-449J21.5	ITGA2	-0.601667721	0
RP11-449J21.5	ABCC3	-0.362616696	5.27E-15
RP11-449J21.5	MFGE8	-0.623694744	0

RP11-449J21.5	STK32A	-0.376241288	2.20E-16
RP11-449J21.5	CYSLTR2	-0.34966186	6.12E-14
RP11-449J21.5	LAD1	-0.606722938	0
RP11-449J21.5	MGAT3	-0.58229135	0
RP11-449J21.5	IGFBP6	-0.435865504	0
RP11-449J21.5	CYP2S1	-0.581824281	0
RP11-449J21.5	KCNJ2	-0.444761104	0
RP11-449J21.5	FAM20A	-0.528042761	0
RP11-449J21.5	TGFA	-0.434846688	0
RP11-449J21.5	MXRA8	-0.548924449	0
RP11-449J21.5	C8orf4	-0.459660669	0
RP11-449J21.5	CLDN10	-0.547982894	9.03E-36
RP11-449J21.5	PDE5A	-0.525045033	0
RP11-449J21.5	APOE	-0.069243611	0.147451307
RP11-449J21.5	SPOCK2	-0.508876026	0
RP11-449J21.5	TENM1	-0.138050647	0.003779906
RP11-449J21.5	SLIT1	-0.15595177	0.001057261
RP11-449J21.5	CXCL14	-0.235727922	6.34E-07
RP11-449J21.5	ECM1	-0.145621488	0.002242696
RP11-449J21.5	DUSP5	-0.659711447	0
RP11-449J21.5	SEZ6L2	-0.367955304	1.72E-15
RP11-449J21.5	THRSP	-0.209895409	9.66E-06
RP11-449J21.5	C19orf33	-0.627638525	0
RP11-449J21.5	MPZL2	-0.54113291	0
RP11-449J21.5	CTSH	-0.526457731	0
RP11-449J21.5	CYP1B1	-0.579631053	0
RP11-449J21.5	ALOX5	-0.656449334	0
RP11-449J21.5	SYTL5	-0.524711138	2.00E-32
RP11-449J21.5	TNFRSF12A	-0.468081256	0
RP11-449J21.5	DUSP6	-0.547220134	0
RP11-449J21.5	ALOX15B	-0.648934945	0
RP11-449J21.5	SDC4	-0.558704119	0
RP11-449J21.5	MDK	-0.388053058	0
RP11-449J21.5	KRT19	-0.683335697	0
RP11-449J21.5	MET	-0.697988324	0
RP11-449J21.5	TESC	-0.176790197	0.000201255
RP11-449J21.5	CXCL17	-0.699689047	8.33E-66
RP11-449J21.5	NPC2	-0.401316107	0
RP11-449J21.5	COMP	-0.435711753	0
RP11-449J21.5	TUSC3	-0.404515101	0
RP11-449J21.5	TMPRSS4	-0.713889968	0
RP11-449J21.5	LGALS3	-0.664895168	0
RP11-449J21.5	CRLF1	-0.433997084	0
RP11-449J21.5	CTXN1	-0.532137457	0
RP11-449J21.5	PCSK1N	-0.21169206	8.07E-06
RP11-449J21.5	NMU	-0.479383474	1.32E-26
RP11-449J21.5	GALE	-0.487825835	0
RP11-449J21.5	PCSK2	-0.18784782	7.72E-05
RP11-449J21.5	GJB3	-0.482736435	0
RP11-449J21.5	SLPI	-0.656515289	0
RP11-449J21.5	AGR2	-0.291587214	5.71E-10

RP11-449J21.5	MRC2	-0.531151264	0
RP11-449J21.5	GOLT1A	-0.375520046	2.70E-16
RP11-449J21.5	SLC27A6	-0.564279048	2.84E-38
RP11-449J21.5	KCNN4	-0.667961261	0
RP11-449J21.5	ETV4	-0.33095632	1.11E-12
RP11-449J21.5	SYT12	-0.603824355	0
RP11-449J21.5	PVRL4	-0.64939776	0
RP11-449J21.5	PLCD3	-0.575092549	0
RP11-449J21.5	PLAU	-0.618631726	0
RP11-449J21.5	LRRK2	-0.181405294	0.000135789
RP11-449J21.5	SFN	-0.622904853	0
RP11-449J21.5	LPAR5	-0.553272608	0
RP11-449J21.5	NGEF	-0.590731369	0
RP11-449J21.5	DTX4	-0.580566469	0
RP11-449J21.5	CST6	-0.512692012	0
RP11-449J21.5	QPCT	-0.388082135	0
RP11-449J21.5	TIMP1	-0.499824689	0
RP11-449J21.5	CAMK2N1	-0.517442138	0
RP11-449J21.5	KLHDC8A	-0.188208937	7.47E-05
RP11-449J21.5	PDLIM4	-0.657091147	0
RP11-449J21.5	SCEL	-0.565662649	0
RP11-449J21.5	LCN2	-0.718721934	0
RP11-449J21.5	PROS1	-0.713940888	0
RP11-449J21.5	GABRB2	-0.641719832	0
RP11-449J21.5	TMPRSS6	-0.630328608	0
RP11-449J21.5	KLK7	-0.474817618	4.56E-26
RP11-449J21.5	PDZK1IP1	-0.600346508	0
RP11-449J21.5	CDH3	-0.417076056	0
RP11-449J21.5	LRP4	-0.249377193	1.32E-07
RP11-449J21.5	IGSF1	-0.348498938	7.53E-14
RP11-449J21.5	B3GNT3	-0.71147817	0
RP11-449J21.5	CLDN1	-0.607983587	0
RP11-449J21.5	GDF15	-0.647151059	0
RP11-449J21.5	ARHGAP36	-0.327684456	1.90E-12
RP11-449J21.5	LAMB3	-0.660065472	0
RP11-449J21.5	KLK10	-0.501443051	0
RP11-449J21.5	DPP4	-0.664199173	0
RP11-449J21.5	METTL7B	-0.42920384	0
RP11-449J21.5	LIPH	-0.686500793	0
RP11-449J21.5	CLDN16	-0.591406088	0
RP11-449J21.5	CHI3L1	-0.608687666	0
RP11-449J21.5	SLC22A31	-0.494479945	1.89E-28
RP11-449J21.5	TACSTD2	-0.633610719	0
RP11-449J21.5	SFTPB	-0.622753513	0
RP11-449J21.5	RXRG	-0.290855902	6.32E-10
RP11-449J21.5	DCSTAMP	-0.641012293	3.63E-52
RP11-449J21.5	CITED1	-0.425492955	0
RP11-449J21.5	SERPINA1	-0.627203227	0
RP11-449J21.5	PRR15	-0.316956913	1.37E-11
RP11-449J21.5	SLC34A2	-0.708048974	0
RP11-449J21.5	FN1	-0.765885759	0

RP11-449J21.5	ZCCHC12	-0.254342911	7.29E-08
RP11-114N19.3	TFF3	0.577223226	0
RP11-114N19.3	CCL21	0.327519215	1.95E-12
RP11-114N19.3	TPO	0.65742021	0
RP11-114N19.3	MT1G	0.499662995	0
RP11-114N19.3	DI01	0.539725035	0
RP11-114N19.3	DPT	0.268334459	1.12E-08
RP11-114N19.3	CDH16	0.544867765	0
RP11-114N19.3	CRABP1	0.542130835	6.63E-35
RP11-114N19.3	SLC26A7	0.690455496	0
RP11-114N19.3	MT1H	0.461221226	1.65E-24
RP11-114N19.3	SLC26A4	0.690331956	0
RP11-114N19.3	SLC5A8	0.550532607	3.74E-36
RP11-114N19.3	PKHD1L1	0.576022141	3.64E-40
RP11-114N19.3	TFCP2L1	0.581963707	0
RP11-114N19.3	WSCD2	0.608861225	6.98E-46
RP11-114N19.3	IPCEF1	0.576995719	0
RP11-114N19.3	SLC5A5	0.438813896	4.35E-22
RP11-114N19.3	MT1F	0.512978949	0
RP11-114N19.3	FOSB	0.364595041	3.51E-15
RP11-114N19.3	SEMA3D	0.584870112	1.21E-41
RP11-114N19.3	BMP8A	0.634091973	0
RP11-114N19.3	MATN2	0.632282273	0
RP11-114N19.3	PLA2R1	0.547141273	0
RP11-114N19.3	COL23A1	0.635938692	0
RP11-114N19.3	HGD	0.655981697	0
RP11-114N19.3	TCEAL2	0.455301305	0
RP11-114N19.3	CHRD1	0.318526352	8.28E-12
RP11-114N19.3	TNFRSF11B	0.508656604	0
RP11-114N19.3	FAM167A	0.67441244	0
RP11-114N19.3	KIT	0.607613534	0
RP11-114N19.3	SLC4A4	0.666126882	0
RP11-114N19.3	SMOC2	0.395016978	0
RP11-114N19.3	FHL1	0.692648865	0
RP11-114N19.3	OTOS	0.517791482	0
RP11-114N19.3	IGFBPL1	0.58856333	2.85E-42
RP11-114N19.3	HBB	0.313225036	2.43E-11
RP11-114N19.3	BEX1	0.523725239	0
RP11-114N19.3	FABP4	0.494669831	1.79E-28
RP11-114N19.3	LMOD1	0.59019565	0
RP11-114N19.3	SOD3	0.485277164	0
RP11-114N19.3	TMEM171	0.474394994	0
RP11-114N19.3	PI16	0.318609883	1.06E-11
RP11-114N19.3	ZMAT4	0.600804225	2.03E-44
RP11-114N19.3	MFAP4	0.234557057	7.22E-07
RP11-114N19.3	CWH43	0.504295981	1.07E-29
RP11-114N19.3	SPX	0.698776513	0
RP11-114N19.3	APOD	0.169470267	0.000368387
RP11-114N19.3	DPP6	0.555580298	0
RP11-114N19.3	MMRN1	0.461005001	0
RP11-114N19.3	WDR72	0.612640383	0

RP11-114N19.3	MPPED2	0.69147417	0
RP11-114N19.3	PAPSS2	0.465835407	0
RP11-114N19.3	DCN	0.13789803	0.003818934
RP11-114N19.3	SORBS2	0.667482277	0
RP11-114N19.3	EGR2	0.426108103	0
RP11-114N19.3	EDN3	0.568167156	6.83E-39
RP11-114N19.3	DIO2	0.675298213	0
RP11-114N19.3	ITPR1	0.709344656	0
RP11-114N19.3	CFD	0.190942139	5.84E-05
RP11-114N19.3	CPXM1	0.40678251	0
RP11-114N19.3	ELMO1	0.675327573	0
RP11-114N19.3	GPC3	0.483113668	4.71E-27
RP11-114N19.3	MYOC	0.294106846	3.30E-10
RP11-114N19.3	DEPTOR	0.6320064	0
RP11-114N19.3	DGKI	0.604475529	0
RP11-114N19.3	CARTPT	0.546255112	1.63E-35
RP11-114N19.3	IYD	0.589643053	0
RP11-114N19.3	LYVE1	0.438654164	0
RP11-114N19.3	CLCNKB	0.620555463	0
RP11-114N19.3	NCAM1	0.346437902	1.09E-13
RP11-114N19.3	HBA2	0.274177557	6.02E-09
RP11-114N19.3	GLT8D2	0.489185344	0
RP11-114N19.3	OGDHL	0.496392656	0
RP11-114N19.3	LIFR	0.580975386	0
RP11-114N19.3	CSGALNACT1	0.457825296	0
RP11-114N19.3	RAP1GAP	0.512230616	0
RP11-114N19.3	COL9A3	0.591839117	0
RP11-114N19.3	FBLN1	0.125151978	0.008698893
RP11-114N19.3	EFEMP1	0.40583291	0
RP11-114N19.3	AOX1	0.428773592	4.65E-21
RP11-114N19.3	GRIN2C	0.537202319	0
RP11-114N19.3	C11orf74	0.572305024	0
RP11-114N19.3	PPARGC1A	0.582823523	0
RP11-114N19.3	ANGPTL1	0.600315871	0
RP11-114N19.3	SCARA5	0.251010187	9.83E-08
RP11-114N19.3	LTF	0.469568843	0
RP11-114N19.3	CA4	0.593195858	4.50E-43
RP11-114N19.3	TG	0.672833509	0
RP11-114N19.3	FCGBP	0.531203176	0
RP11-114N19.3	PBX4	0.687047717	0
RP11-114N19.3	CYR61	0.408031669	0
RP11-114N19.3	FOS	0.401610986	0
RP11-114N19.3	KHDRBS2	0.693711083	0
RP11-114N19.3	MUM1L1	0.527368325	0
RP11-114N19.3	RGS16	0.635051359	0
RP11-114N19.3	MT1M	0.403441111	0
RP11-114N19.3	LRP2	0.593900294	0
RP11-114N19.3	MAFB	0.494573311	0
RP11-114N19.3	KCNK2	0.54101093	0
RP11-114N19.3	TBC1D4	0.646663991	0
RP11-114N19.3	MIOX	0.625540776	4.74E-49

RP11-114N19.3	TPPP	0.544578417	0
RP11-114N19.3	FMOD	0.483823759	0
RP11-114N19.3	CITED2	0.443253091	0
RP11-114N19.3	RGS8	0.601046563	1.84E-44
RP11-114N19.3	ABI3BP	0.37856458	1.03E-16
RP11-114N19.3	ADH1B	0.310913566	2.71E-11
RP11-114N19.3	OGN	0.192404421	4.95E-05
RP11-114N19.3	NR4A1	0.391540124	0
RP11-114N19.3	FOXJ1	0.609806738	4.67E-46
RP11-114N19.3	ALDH1A1	0.601179234	0
RP11-114N19.3	OCA2	0.466029126	4.72E-25
RP11-114N19.3	TMEM139	0.375681598	2.58E-16
RP11-114N19.3	ARHGAP24	0.622453385	0
RP11-114N19.3	SLC25A15	0.623335045	0
RP11-114N19.3	DES	0.175103051	0.000227021
RP11-114N19.3	GDF10	0.436571884	7.44E-22
RP11-114N19.3	KIAA1324	0.562422805	0
RP11-114N19.3	JUN	0.438723097	0
RP11-114N19.3	C7	0.080127909	0.093578682
RP11-114N19.3	LGI3	0.593173946	0
RP11-114N19.3	CDON	0.681935765	0
RP11-114N19.3	BCL2	0.59375945	0
RP11-114N19.3	HLF	0.652163867	0
RP11-114N19.3	EGR1	0.456015455	0
RP11-114N19.3	IP6K3	0.541487645	0
RP11-114N19.3	SCUBE3	0.576309795	0
RP11-114N19.3	PKNOX2	0.615836399	0
RP11-114N19.3	SMAD9	0.503605216	0
RP11-114N19.3	IQGAP2	0.603785633	0
RP11-114N19.3	GNA14	0.653053753	0
RP11-114N19.3	LAYN	0.533744472	0
RP11-114N19.3	AVPR1A	0.61305398	0
RP11-114N19.3	PDLIM3	0.456447916	0
RP11-114N19.3	GPM6A	0.506918106	0
RP11-114N19.3	SDPR	0.535998831	0
RP11-114N19.3	CRYAB	0.169138935	0.000378394
RP11-114N19.3	FOXA2	0.501836085	2.22E-29
RP11-114N19.3	C8orf88	0.561460015	0
RP11-114N19.3	ISM1	0.527003237	0
RP11-114N19.3	BMP2	0.312942638	2.54E-11
RP11-114N19.3	ID4	0.567668935	0
RP11-114N19.3	NUPR1	0.270967358	9.14E-09
RP11-114N19.3	SERTM1	0.421359239	2.54E-20
RP11-114N19.3	IRS1	0.65603361	0
RP11-114N19.3	FIBIN	0.222261338	2.73E-06
RP11-114N19.3	PODN	0.189382498	6.72E-05
RP11-114N19.3	TDRD9	0.403479265	0
RP11-114N19.3	EPHA3	0.399549383	0
RP11-114N19.3	AIF1L	0.463967412	0
RP11-114N19.3	EBF4	0.607587719	0
RP11-114N19.3	ADM2	0.502095644	0

RP11-114N19.3	GSTM3	0.541874576	0
RP11-114N19.3	HSD17B6	0.501205616	0
RP11-114N19.3	AGR3	0.359963121	7.08E-15
RP11-114N19.3	EPHB1	0.43867161	0
RP11-114N19.3	TMOD1	0.321415847	6.87E-12
RP11-114N19.3	WASF3	0.675088435	0
RP11-114N19.3	SELV	0.595781237	1.58E-43
RP11-114N19.3	ENPP1	0.322720323	5.60E-12
RP11-114N19.3	SYNE1	0.685054575	4.21E-62
RP11-114N19.3	PLCH1	0.573795448	0
RP11-114N19.3	CCDC146	0.717606669	0
RP11-114N19.3	SLC16A2	0.616130711	0
RP11-114N19.3	IER2	0.465796259	0
RP11-114N19.3	KCNAB1	0.615793848	0
RP11-114N19.3	SYNDIG1	0.456515856	0
RP11-114N19.3	C16orf89	0.664313352	0
RP11-114N19.3	CTGF	0.317059177	1.35E-11
RP11-114N19.3	NR4A3	0.210883872	8.75E-06
RP11-114N19.3	KIAA1456	0.71780751	0
RP11-114N19.3	AQP4	0.531533089	0
RP11-114N19.3	RNF150	0.610542896	0
RP11-114N19.3	C1S	0.045079812	0.345893503
RP11-114N19.3	PFKFB2	0.541934999	0
RP11-114N19.3	PROX1	0.595890553	0
RP11-114N19.3	TCF7L1	0.667374481	0
RP11-114N19.3	HSPB6	0.320101584	8.44E-12
RP11-114N19.3	FHDC1	0.556845769	0
RP11-114N19.3	PRR15L	0.454419078	0
RP11-114N19.3	SLC1A1	0.426295611	0
RP11-114N19.3	BTBD11	0.691110783	0
RP11-114N19.3	TRIM58	0.578589118	0
RP11-114N19.3	LRIG1	0.521225359	0
RP11-114N19.3	ROR2	0.357423755	1.46E-14
RP11-114N19.3	GPR125	0.650360692	0
RP11-114N19.3	FLRT1	0.684178494	0
RP11-114N19.3	PGF	0.543834624	0
RP11-114N19.3	DUSP1	0.361813756	6.19E-15
RP11-114N19.3	PLA2G7	0.426256181	0
RP11-114N19.3	PLSCR4	0.509242533	0
RP11-114N19.3	FAM46B	0.281538763	2.27E-09
RP11-114N19.3	GLDC	0.518911003	0
RP11-114N19.3	ZBTB16	0.499355634	0
RP11-114N19.3	OMD	0.14585694	0.002185967
RP11-114N19.3	HSD11B2	0.608695325	0
RP11-114N19.3	FGL2	0.156330475	0.00102761
RP11-114N19.3	CLCNKA	0.667646832	5.69E-58
RP11-114N19.3	GATM	0.56622092	0
RP11-114N19.3	TNS3	0.469761458	0
RP11-114N19.3	TOB1	0.388537432	0
RP11-114N19.3	MARC2	0.651091153	0
RP11-114N19.3	LRRC2	0.596488822	0

RP11-114N19.3	SORD	0.464631777	0
RP11-114N19.3	RIMS4	0.501098245	0
RP11-114N19.3	SLC29A4	0.571127066	0
RP11-114N19.3	SLC39A14	0.663285742	0
RP11-114N19.3	FAXDC2	0.703159989	0
RP11-114N19.3	HSPB8	0.244550617	2.32E-07
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RP11-114N19.3	KCNIP3	0.634352528	0
RP11-114N19.3	CGNL1	0.552570089	0
RP11-114N19.3	ATF3	0.144116879	0.002492716
RP11-114N19.3	SGCD	0.290142603	6.98E-10
RP11-114N19.3	STARD13	0.610275958	0
RP11-114N19.3	LDHD	0.635915289	0
RP11-114N19.3	RCAN1	0.387530389	0
RP11-114N19.3	ID3	0.380236556	5.23E-17
RP11-114N19.3	SYTL3	0.634880729	0
RP11-114N19.3	MT1E	0.361238323	6.94E-15
RP11-114N19.3	CAMK1D	0.593191392	0
RP11-114N19.3	PRKCQ	0.626453334	0
RP11-114N19.3	NUAK2	0.447143684	0
RP11-114N19.3	LIPG	0.682338582	0
RP11-114N19.3	SLC25A25	0.350726206	5.05E-14
RP11-114N19.3	PRKX	0.333282934	1.02E-12
RP11-114N19.3	SRPX	0.200349203	2.44E-05
RP11-114N19.3	FAM189A1	0.552935178	0
RP11-114N19.3	PLEKHH1	0.763816639	0
RP11-114N19.3	WNT11	0.436409166	0
RP11-114N19.3	SNAI1	0.374708028	3.38E-16
RP11-114N19.3	FDCSP	0.027009807	0.572476638
RP11-114N19.3	MT1X	0.343683142	1.76E-13
RP11-114N19.3	ACACB	0.720536882	0
RP11-114N19.3	ARC	0.230390307	1.14E-06
RP11-114N19.3	KLK4	0.156170708	0.001027174
RP11-114N19.3	ZFPM2	0.383611996	0
RP11-114N19.3	AKAP12	0.410449425	0
RP11-114N19.3	GJB6	0.426020082	8.77E-21
RP11-114N19.3	ERO1LB	0.696867385	0
RP11-114N19.3	DNALI1	0.623220582	0
RP11-114N19.3	HKDC1	0.328047016	2.39E-12
RP11-114N19.3	ZFP36L2	0.521480099	0
RP11-114N19.3	CAPSL	0.613073535	1.15E-46
RP11-114N19.3	CYP7B1	0.540718745	0
RP11-114N19.3	CPQ	0.58629754	0
RP11-114N19.3	RPS6KA6	0.69218182	7.05E-64
RP11-114N19.3	TLE1	0.45800472	0
RP11-114N19.3	TP53INP2	0.660945571	0
RP11-114N19.3	KATNAL2	0.70812826	0
RP11-114N19.3	SGPP2	0.266777347	1.56E-08
RP11-114N19.3	CTH	0.570037757	0
RP11-114N19.3	KIF12	0.483547886	0
RP11-114N19.3	TMEM220	0.636356119	0

RP11-114N19.3	CENPJ	0.610847136	0
RP11-114N19.3	FAM155B	0.512451031	0
RP11-114N19.3	WFS1	0.50373599	0
RP11-114N19.3	SELENBP1	0.595134703	0
RP11-114N19.3	SNTA1	0.421919227	0
RP11-114N19.3	FRAS1	0.286607029	1.14E-09
RP11-114N19.3	FBLN7	0.56049609	0
RP11-114N19.3	AGPAT9	0.61655679	0
RP11-114N19.3	GPR83	0.546392656	0
RP11-114N19.3	PRTG	0.63640789	0
RP11-114N19.3	EGR3	0.25154106	1.02E-07
RP11-114N19.3	GRAMD2	0.415333729	0
RP11-114N19.3	HYOU1	0.584923989	0
RP11-114N19.3	FBLN5	0.303226227	1.08E-10
RP11-114N19.3	ITM2A	0.550666067	0
RP11-114N19.3	SRF	0.458329669	0
RP11-114N19.3	FGFR2	0.533550155	0
RP11-114N19.3	MT1A	0.155715616	0.001063031
RP11-114N19.3	MAMDC2	0.331114811	1.45E-12
RP11-114N19.3	FHL2	0.277739088	3.77E-09
RP11-114N19.3	FTCDNL1	0.468861218	0
RP11-114N19.3	PKIA	0.462591024	0
RP11-114N19.3	DNAJB4	0.58724175	0
RP11-114N19.3	SLC25A33	0.482950468	0
RP11-114N19.3	EYA2	0.298442061	2.16E-10
RP11-114N19.3	LPAR1	0.204849553	1.58E-05
RP11-114N19.3	STX11	0.244583524	2.31E-07
RP11-114N19.3	ARHGEF28	0.469437219	0
RP11-114N19.3	OR2W3	0.554640911	0
RP11-114N19.3	ALDH1B1	0.399796478	2.81E-18
RP11-114N19.3	CXCL12	0.177427613	0.000190718
RP11-114N19.3	OLFM2	0.499106993	0
RP11-114N19.3	TUB	0.588728203	0
RP11-114N19.3	HTRA3	0.263841318	2.26E-08
RP11-114N19.3	CKB	0.39288162	0
RP11-114N19.3	RGS2	0.083627314	0.080077341
RP11-114N19.3	SHANK2	0.706800239	0
RP11-114N19.3	CNTFR	0.523526425	2.91E-32
RP11-114N19.3	CYTH3	0.608234922	0
RP11-114N19.3	PLAC9	0.326078459	3.28E-12
RP11-114N19.3	WWOX	0.6234088	0
RP11-114N19.3	NPR3	0.479458721	0
RP11-114N19.3	SDC2	0.483056278	0
RP11-114N19.3	KLF15	0.624608317	0
RP11-114N19.3	TMEM164	0.572736208	0
RP11-114N19.3	LONRF3	0.427998082	0
RP11-114N19.3	GBP1	0.202370524	2.01E-05
RP11-114N19.3	ARHGAP6	0.535663528	0
RP11-114N19.3	TMEM119	0.091373891	0.055765821
RP11-114N19.3	SH3RF1	0.527385488	0
RP11-114N19.3	CRELD2	0.506134314	0

RP11-114N19.3	PCP4	0.103378986	0.030376199
RP11-114N19.3	GCSH	0.642954241	0
RP11-114N19.3	IMPA2	0.549475912	0
RP11-114N19.3	C1R	0.002388963	0.960177552
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RP11-114N19.3	UGT8	0.51845684	0
RP11-114N19.3	TLE4	0.28438359	1.54E-09
RP11-114N19.3	ANTXR1	0.429053634	0
RP11-114N19.3	GPX3	0.415638962	0
RP11-114N19.3	DPY19L2	0.690025729	0
RP11-114N19.3	FAM46C	0.425518911	0
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RP11-114N19.3	PEG3	0.625611956	0
RP11-114N19.3	FAHD2A	0.638872168	0
RP11-114N19.3	PTGDS	0.011182014	0.815201086
RP11-114N19.3	CHCHD10	0.295810415	3.15E-10
RP11-114N19.3	CD36	0.57778632	0
RP11-114N19.3	ANKRD37	0.500907758	0
RP11-114N19.3	TSPAN33	0.397068085	0
RP11-114N19.3	PRDM16	0.647772022	0
RP11-114N19.3	UST	0.657112423	0
RP11-114N19.3	NEXN	0.573404545	0
RP11-114N19.3	NUPR1L	0.23695738	5.10E-07
RP11-114N19.3	SLC24A3	0.480473708	0
RP11-114N19.3	MARC1	0.660704732	0
RP11-114N19.3	MYH11	0.328775917	2.13E-12
RP11-114N19.3	APOA1	0.480739527	9.07E-27
RP11-114N19.3	TMEM178B	0.444931025	0
RP11-114N19.3	CAPN6	0.285909535	1.05E-09
RP11-114N19.3	PPM1L	0.616805856	0
RP11-114N19.3	FZD8	0.607886996	0
RP11-114N19.3	RCAN2	0.579027962	0
RP11-114N19.3	COPZ2	0.450551321	0
RP11-114N19.3	GAS1	0.245761197	2.02E-07
RP11-114N19.3	DACT1	0.474683774	0
RP11-114N19.3	WBSCR17	0.582139443	0
RP11-114N19.3	NCS1	0.345951826	1.18E-13
RP11-114N19.3	SPIRE2	0.549495769	0
RP11-114N19.3	C15orf52	0.437757328	0
RP11-114N19.3	SPAG5	0.510005759	0
RP11-114N19.3	ARL4D	0.432106962	0
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RP11-114N19.3	MAP1LC3A	0.525473523	0
RP11-114N19.3	KLF6	0.113979751	0.016929925
RP11-114N19.3	ADD3	0.504696369	0
RP11-114N19.3	TSPAN7	0.478723012	0
RP11-114N19.3	KLF9	0.454580772	0
RP11-114N19.3	KCNQ1	0.578855062	0
RP11-114N19.3	MAN1A1	0.184993206	9.93E-05
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RP11-114N19.3	FAM3B	0.226078317	1.82E-06
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RP11-114N19.3	TMEM47	0.542210305	0
RP11-114N19.3	SDF2L1	0.414328954	0
RP11-114N19.3	CCDC85A	0.461368388	0
RP11-114N19.3	CRYBG3	0.292418805	5.08E-10
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RP11-114N19.3	PEBP4	0.265095159	1.93E-08
RP11-114N19.3	CDADC1	0.706838819	0
RP11-114N19.3	FAM63A	0.650237152	0
RP11-114N19.3	GLUL	0.439436396	0
RP11-114N19.3	FREM2	0.527796957	0
RP11-114N19.3	ACKR3	0.600599262	0
RP11-114N19.3	DENND6A	0.66625723	0
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RP11-114N19.3	TTC30A	0.597111487	0
RP11-114N19.3	CORO2B	0.603720955	0
RP11-114N19.3	TC2N	0.270696591	9.46E-09
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RP11-114N19.3	GPR183	0.005981981	0.900499811
RP11-114N19.3	C4orf47	0.598771123	0
RP11-114N19.3	SLC25A42	0.701676089	0
RP11-114N19.3	LGMN	0.448989978	0
RP11-114N19.3	ACSF2	0.532244119	0
RP11-114N19.3	KIAA1467	0.590862285	0
RP11-114N19.3	PRKG1	0.622464165	0
RP11-114N19.3	GNAI1	0.652681005	0
RP11-114N19.3	ABCC4	0.339148183	3.82E-13
RP11-114N19.3	PRPS1	0.559616557	0
RP11-114N19.3	TSPAN5	0.347530899	8.95E-14
RP11-114N19.3	CR2	0.214766836	5.62E-06
RP11-114N19.3	CCDC170	0.51072544	0
RP11-114N19.3	RRAD	-0.044843937	0.348424984
RP11-114N19.3	SCGB2A1	0.41747093	0
RP11-114N19.3	SESN3	0.324940783	3.94E-12
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RP11-114N19.3	NDRG2	0.651925865	0
RP11-114N19.3	C3orf52	0.363607713	4.31E-15
RP11-114N19.3	FLRT3	-0.218487194	4.04E-06
RP11-114N19.3	MST1R	-0.50658408	0
RP11-114N19.3	SDC1	-0.44061407	0
RP11-114N19.3	ST8SIA4	-0.50876596	0
RP11-114N19.3	UBTD1	-0.401268024	0
RP11-114N19.3	EPHA2	-0.350218713	5.53E-14
RP11-114N19.3	TMEM130	-0.200243676	2.47E-05
RP11-114N19.3	SPINK2	-0.506761092	0
RP11-114N19.3	MMP16	-0.453811447	0

RP11-114N19.3	SIGLEC15	-0.508310947	0
RP11-114N19.3	RIN1	-0.540804415	0
RP11-114N19.3	IL1RN	-0.561528948	0
RP11-114N19.3	FCER1G	-0.361982543	5.98E-15
RP11-114N19.3	CD276	-0.594137446	0
RP11-114N19.3	CTSB	-0.444220137	0
RP11-114N19.3	FAM171A2	-0.056031198	0.241270718
RP11-114N19.3	ASPHD1	-0.514449941	0
RP11-114N19.3	C15orf48	-0.473663256	0
RP11-114N19.3	DYSF	-0.083593415	0.080200116
RP11-114N19.3	PDZRN4	-0.098545886	0.039061289
RP11-114N19.3	EFHD2	-0.219169005	3.77E-06
RP11-114N19.3	ASF1B	-0.419768125	0
RP11-114N19.3	AQP1	-0.142414408	0.002806107
RP11-114N19.3	ARRDC2	-0.36408542	3.90E-15
RP11-114N19.3	PRSS1	-0.343876677	1.25E-13
RP11-114N19.3	MAPK13	-0.452297194	0
RP11-114N19.3	CST5	-0.572781368	1.23E-39
RP11-114N19.3	AHR	-0.456121549	0
RP11-114N19.3	BAX	-0.525943997	0
RP11-114N19.3	C1orf115	-0.146515062	0.00210528
RP11-114N19.3	PLK3	-0.427613704	0
RP11-114N19.3	JAG2	-0.220087684	3.42E-06
RP11-114N19.3	RAD23B	-0.417527382	0
RP11-114N19.3	CA12	0.208720856	1.08E-05
RP11-114N19.3	ADTRP	-0.222129429	2.77E-06
RP11-114N19.3	UCP2	-0.33272211	1.12E-12
RP11-114N19.3	IGFBP2	-0.299361591	1.89E-10
RP11-114N19.3	LOXL2	-0.179832462	0.000155442
RP11-114N19.3	GPX1	-0.515741794	0
RP11-114N19.3	P3H3	-0.453171053	0
RP11-114N19.3	C2orf81	-0.305386549	7.87E-11
RP11-114N19.3	CDT1	-0.514092512	0
RP11-114N19.3	SNX25	-0.165151893	0.000520428
RP11-114N19.3	MTHFD1L	-0.5605046	0
RP11-114N19.3	CDC42BPG	-0.480096367	1.08E-26
RP11-114N19.3	MSN	-0.444813583	0
RP11-114N19.3	SIGLEC6	-0.391211302	1.66E-17
RP11-114N19.3	F2R	-0.117900271	0.013480945
RP11-114N19.3	TMEM184A	-0.446516764	0
RP11-114N19.3	CKS2	-0.318493009	1.08E-11
RP11-114N19.3	TAX1BP3	-0.62558827	0
RP11-114N19.3	PMEPA1	-0.472219354	0
RP11-114N19.3	CXCL16	-0.569534661	0
RP11-114N19.3	FAXC	-0.548476244	0
RP11-114N19.3	VTCN1	-0.557713449	3.00E-37
RP11-114N19.3	SH2D4A	-0.412678112	0
RP11-114N19.3	RNF24	-0.330437965	1.62E-12
RP11-114N19.3	LY6G6C	-0.502437862	1.86E-29
RP11-114N19.3	NID1	-0.215663216	5.40E-06
RP11-114N19.3	STAC	-0.605311517	0

RP11-114N19.3	RAB34	-0.500159709	0
RP11-114N19.3	HES4	-0.296368544	2.91E-10
RP11-114N19.3	EPHA10	-0.521548039	0
RP11-114N19.3	ENTPD2	-0.381958601	1.86E-17
RP11-114N19.3	DDB2	-0.545827861	0
RP11-114N19.3	NKAIN4	-0.244474593	2.34E-07
RP11-114N19.3	TRIM29	-0.457865294	0
RP11-114N19.3	ADCY8	-0.547903471	9.28E-36
RP11-114N19.3	SFTA2	-0.439298956	0
RP11-114N19.3	NRIP1	-0.357464037	1.45E-14
RP11-114N19.3	VWA1	-0.116977195	0.014231841
RP11-114N19.3	APLNR	-0.14024813	0.003256643
RP11-114N19.3	REN	-0.386943599	3.95E-17
RP11-114N19.3	EDIL3	-0.111373352	0.019629742
RP11-114N19.3	AGRN	-0.374504208	3.58E-16
RP11-114N19.3	TREM1	-0.470728646	0
RP11-114N19.3	SRL	-0.23201491	9.56E-07
RP11-114N19.3	RASGRF1	-0.421208906	0
RP11-114N19.3	RMI2	-0.480072876	0
RP11-114N19.3	SAMD1	-0.499901991	0
RP11-114N19.3	MGAT4B	-0.567496745	0
RP11-114N19.3	NXN	-0.586930276	0
RP11-114N19.3	SH3BGRL3	-0.577077276	0
RP11-114N19.3	CA11	-0.243016507	2.77E-07
RP11-114N19.3	PLD3	-0.204389008	1.66E-05
RP11-114N19.3	LURAP1L	-0.460747992	0
RP11-114N19.3	CARNS1	-0.139474976	0.003432728
RP11-114N19.3	PDLIM7	-0.407716365	0
RP11-114N19.3	BCL2L1	-0.686091876	0
RP11-114N19.3	GGT6	-0.228350264	1.42E-06
RP11-114N19.3	DPYSL3	-0.288816	8.39E-10
RP11-114N19.3	FYN	-0.445813535	0
RP11-114N19.3	TK1	-0.434346996	0
RP11-114N19.3	AK1	-0.249119759	1.36E-07
RP11-114N19.3	HIGD1B	-0.011819146	0.804877671
RP11-114N19.3	TMEM59L	-0.414404128	0
RP11-114N19.3	MEGF9	-0.315807039	1.64E-11
RP11-114N19.3	ZFP36L1	-0.362968453	4.90E-15
RP11-114N19.3	ADRA1B	-0.293367696	4.45E-10
RP11-114N19.3	EPHA4	-0.459866475	0
RP11-114N19.3	TCERG1L	-0.047310484	0.322533549
RP11-114N19.3	NGFR	-0.269492251	1.10E-08
RP11-114N19.3	EBI3	-0.568125509	0
RP11-114N19.3	S100A10	-0.605485551	0
RP11-114N19.3	S100B	-0.445850555	0
RP11-114N19.3	CD44	-0.10691683	0.025119153
RP11-114N19.3	BHLHE41	-0.342805879	2.04E-13
RP11-114N19.3	FBX02	-0.420006553	0
RP11-114N19.3	SLC30A2	-0.443717608	0
RP11-114N19.3	FRMD5	-0.575790955	0
RP11-114N19.3	SAMD11	-0.303546212	1.03E-10

RP11-114N19.3	SIPA1L2	-0.267892896	1.36E-08
RP11-114N19.3	S100A16	-0.627222801	0
RP11-114N19.3	PPL	-0.568614705	0
RP11-114N19.3	ARHGDIB	-0.221056715	3.09E-06
RP11-114N19.3	CDC42EP3	-0.552399884	0
RP11-114N19.3	RUNX2	-0.363085326	4.79E-15
RP11-114N19.3	LAMC2	-0.549057067	0
RP11-114N19.3	BRINP1	-0.436975522	0
RP11-114N19.3	GPRC5B	-0.35675471	1.65E-14
RP11-114N19.3	AQP5	-0.104590275	0.028478955
RP11-114N19.3	PLAG1	-0.150013333	0.001638209
RP11-114N19.3	PTPRU	-0.565744063	0
RP11-114N19.3	ANGPTL4	-0.483865884	0
RP11-114N19.3	PALM3	-0.279565666	2.95E-09
RP11-114N19.3	ACP5	-0.447686353	0
RP11-114N19.3	DLG4	-0.117014782	0.014200561
RP11-114N19.3	ETNK2	-0.365416987	2.96E-15
RP11-114N19.3	CD109	-0.453125381	0
RP11-114N19.3	SNX22	-0.176543259	0.000205481
RP11-114N19.3	TMEM98	-0.481488269	0
RP11-114N19.3	CTHRC1	-0.377532573	1.47E-16
RP11-114N19.3	S100A2	-0.531206013	0
RP11-114N19.3	C11orf80	-0.59484266	0
RP11-114N19.3	SREBF1	-0.410728561	0
RP11-114N19.3	PRSS22	-0.460467864	0
RP11-114N19.3	CMTM3	-0.540008141	0
RP11-114N19.3	RDH5	-0.335863802	6.64E-13
RP11-114N19.3	MYH10	-0.422218503	0
RP11-114N19.3	EVPL	-0.464350372	0
RP11-114N19.3	SCD	-0.429542689	0
RP11-114N19.3	CD151	-0.445694676	0
RP11-114N19.3	S100A4	-0.519879467	0
RP11-114N19.3	BNIP1	-0.269550972	1.10E-08
RP11-114N19.3	MAP3K6	-0.505958578	0
RP11-114N19.3	MANEAL	-0.387349688	0
RP11-114N19.3	CD207	-0.41167831	2.19E-19
RP11-114N19.3	CD1A	-0.422482791	1.97E-20
RP11-114N19.3	C3	-0.404930401	0
RP11-114N19.3	NT5E	-0.448367738	0
RP11-114N19.3	CACNG4	-0.539228278	1.76E-34
RP11-114N19.3	FHOD1	-0.30146461	1.40E-10
RP11-114N19.3	LEMD1	-0.56030234	0
RP11-114N19.3	ATP11A	-0.099793911	0.036638175
RP11-114N19.3	PPAP2C	-0.375146731	3.00E-16
RP11-114N19.3	DRAM1	-0.525215663	0
RP11-114N19.3	CDA	-0.220286539	3.35E-06
RP11-114N19.3	CCND2	-0.300291475	1.66E-10
RP11-114N19.3	LCN6	-0.175483316	0.000219876
RP11-114N19.3	CDH4	-0.402230956	0
RP11-114N19.3	MMP11	-0.487162179	0
RP11-114N19.3	B3GAT1	-0.288102843	9.26E-10

RP11-114N19.3	SPP1	-0.250416717	1.17E-07
RP11-114N19.3	HLA-DQB1	-0.417648794	0
RP11-114N19.3	SDC3	-0.502436336	0
RP11-114N19.3	CX3CL1	-0.444431616	0
RP11-114N19.3	SDK1	-0.360178658	8.55E-15
RP11-114N19.3	DOCK9	-0.356322532	1.79E-14
RP11-114N19.3	CSF2	-0.53242477	1.66E-33
RP11-114N19.3	GRHL3	-0.602921561	0
RP11-114N19.3	TMEM92	-0.601850943	1.32E-44
RP11-114N19.3	BASP1	-0.559709177	0
RP11-114N19.3	HRH1	-0.550839108	0
RP11-114N19.3	ESM1	0.055447397	0.246214651
RP11-114N19.3	B4GALNT3	-0.552911916	0
RP11-114N19.3	LMO3	-0.114860702	0.016093955
RP11-114N19.3	C9orf16	-0.623811901	0
RP11-114N19.3	SEMA3F	-0.216180638	5.12E-06
RP11-114N19.3	PLA2G12B	-0.145004302	0.002321955
RP11-114N19.3	KLK6	-0.413577545	1.44E-19
RP11-114N19.3	ST3GAL5	-0.282047674	2.12E-09
RP11-114N19.3	FAM132B	-0.118200399	0.013244437
RP11-114N19.3	CDKN1A	-0.37669701	1.91E-16
RP11-114N19.3	E2F1	-0.512250048	0
RP11-114N19.3	B3GNT8	-0.378436785	1.08E-16
RP11-114N19.3	MTMR11	-0.420341856	0
RP11-114N19.3	MYO1G	-0.481436924	0
RP11-114N19.3	TMSB10	-0.563370135	0
RP11-114N19.3	UNC5CL	-0.502615619	0
RP11-114N19.3	ABR	-0.520854881	0
RP11-114N19.3	PLP2	-0.584135942	0
RP11-114N19.3	SRCIN1	-0.334810945	7.91E-13
RP11-114N19.3	PDE9A	-0.607134408	0
RP11-114N19.3	TREM2	-0.357992381	1.31E-14
RP11-114N19.3	KDELR3	-0.373037187	5.24E-16
RP11-114N19.3	PC	-0.451414967	0
RP11-114N19.3	C2CD4A	-0.544007098	0
RP11-114N19.3	PELI1	-0.454323763	0
RP11-114N19.3	SSX1	-0.256501105	5.61E-08
RP11-114N19.3	MROH6	-0.536419804	0
RP11-114N19.3	ESPN	-0.421023667	0
RP11-114N19.3	BMP1	-0.248057824	1.54E-07
RP11-114N19.3	TM4SF4	-0.499289608	4.69E-29
RP11-114N19.3	CORO2A	-0.432690055	0
RP11-114N19.3	CD164L2	-0.475010655	4.33E-26
RP11-114N19.3	CTSS	-0.413859615	0
RP11-114N19.3	CLU	-0.462534998	0
RP11-114N19.3	TMSB4X	-0.585709909	0
RP11-114N19.3	WNT10A	-0.492109405	3.74E-28
RP11-114N19.3	NAPSA	-0.397282259	0
RP11-114N19.3	PLEKHA4	-0.424819796	0
RP11-114N19.3	SFTPA1	-0.042069799	0.379218911
RP11-114N19.3	C1orf116	-0.483069895	0

RP11-114N19.3	TM4SF1	-0.518725622	0
RP11-114N19.3	SEL1L3	-0.440128703	0
RP11-114N19.3	VASN	-0.558754755	0
RP11-114N19.3	NPTXR	-0.577126068	0
RP11-114N19.3	PDE4C	-0.451580207	0
RP11-114N19.3	CDC42EP1	-0.588422402	0
RP11-114N19.3	ENDOD1	-0.577326484	0
RP11-114N19.3	RYR1	-0.498768854	0
RP11-114N19.3	IL1RAP	-0.460093981	0
RP11-114N19.3	SLC35F2	-0.527062827	9.43E-33
RP11-114N19.3	ISYNA1	-0.323403836	5.02E-12
RP11-114N19.3	HLA-G	-0.575537634	0
RP11-114N19.3	CDKN2B	-0.515098704	0
RP11-114N19.3	ALDH1A3	-0.52047575	0
RP11-114N19.3	CLIP3	-0.364332784	3.71E-15
RP11-114N19.3	ULBP2	-0.43388021	0
RP11-114N19.3	ETHE1	-0.649059762	0
RP11-114N19.3	XPR1	-0.411602703	0
RP11-114N19.3	SPTBN2	-0.590292667	0
RP11-114N19.3	IVL	-0.577198697	2.33E-40
RP11-114N19.3	MARCO	-0.483055853	0
RP11-114N19.3	PLXND1	-0.221307341	3.01E-06
RP11-114N19.3	EMILIN2	-0.416806282	0
RP11-114N19.3	PLAUR	-0.553987609	0
RP11-114N19.3	CDC42EP5	-0.574924897	0
RP11-114N19.3	TRPC5	-0.175957206	0.000211266
RP11-114N19.3	TMEM100	-0.349550093	6.24E-14
RP11-114N19.3	QSOX1	-0.605142163	0
RP11-114N19.3	ARHGAP23	-0.390156645	0
RP11-114N19.3	MDF1	-0.331408982	1.39E-12
RP11-114N19.3	FSTL3	-0.58606975	0
RP11-114N19.3	INF2	-0.428981865	0
RP11-114N19.3	TGFBR1	-0.486302788	0
RP11-114N19.3	TGFBI	-0.302456761	1.21E-10
RP11-114N19.3	ERBB3	-0.541941949	0
RP11-114N19.3	CCL18	-0.357409855	1.46E-14
RP11-114N19.3	CCL17	-0.505420182	7.65E-30
RP11-114N19.3	C16orf45	-0.318304791	1.12E-11
RP11-114N19.3	PRDM1	-0.201711407	2.14E-05
RP11-114N19.3	TRIM47	-0.598518227	0
RP11-114N19.3	CNFN	-0.479822533	0
RP11-114N19.3	ARMCX3	-0.257609704	4.90E-08
RP11-114N19.3	RAMP1	-0.36590902	2.67E-15
RP11-114N19.3	GABRD	-0.016677352	0.727394377
RP11-114N19.3	COL13A1	-0.118394007	0.013093818
RP11-114N19.3	S100A5	-0.460033842	0
RP11-114N19.3	MISP	-0.516963012	0
RP11-114N19.3	HES6	-0.261787091	2.93E-08
RP11-114N19.3	PSD3	-0.398443763	0
RP11-114N19.3	DOK7	-0.56079182	0
RP11-114N19.3	ZMAT3	-0.529572333	0

RP11-114N19.3	MFAP2	-0.290017077	7.11E-10
RP11-114N19.3	TMEM79	-0.481295654	0
RP11-114N19.3	SLC1A5	-0.419558064	0
RP11-114N19.3	BBC3	-0.525656919	0
RP11-114N19.3	HLA-DQB2	-0.452505837	0
RP11-114N19.3	C1QL1	-0.353872437	2.84E-14
RP11-114N19.3	TMEM215	-0.108618008	0.022843072
RP11-114N19.3	PNP	-0.443467407	0
RP11-114N19.3	ARNTL	-0.370225549	1.03E-15
RP11-114N19.3	CLDN2	-0.269917063	9.12E-09
RP11-114N19.3	MVP	-0.675851519	0
RP11-114N19.3	LGALS1	-0.568390602	0
RP11-114N19.3	BIRC7	-0.406175735	7.22E-19
RP11-114N19.3	COL8A1	-0.445883177	0
RP11-114N19.3	PERP	-0.601767858	0
RP11-114N19.3	GJA4	-0.207293265	1.25E-05
RP11-114N19.3	IGFL2	-0.535237051	6.61E-34
RP11-114N19.3	DAPK2	-0.335923799	6.58E-13
RP11-114N19.3	MAMLD1	-0.502524134	0
RP11-114N19.3	ETV5	-0.212253735	7.63E-06
RP11-114N19.3	RUNX1	-0.626250933	0
RP11-114N19.3	LONRF2	-0.157297946	0.000955311
RP11-114N19.3	SPOCK1	-0.101267031	0.03394352
RP11-114N19.3	XKRX	-0.343517618	1.81E-13
RP11-114N19.3	TGFB1	-0.284815768	1.45E-09
RP11-114N19.3	ERP27	-0.229809626	1.22E-06
RP11-114N19.3	TNFRSF10C	-0.414964668	0
RP11-114N19.3	PALM	-0.535343118	0
RP11-114N19.3	TSC22D1	-0.302178051	1.26E-10
RP11-114N19.3	TGM2	-0.544928897	0
RP11-114N19.3	UBE2QL1	-0.20068252	2.36E-05
RP11-114N19.3	ECE1	-0.501112145	0
RP11-114N19.3	COL8A2	-0.549185713	0
RP11-114N19.3	HIST3H2A	-0.44689944	0
RP11-114N19.3	TNFRSF21	-0.5160171	0
RP11-114N19.3	SOX4	-0.493972347	0
RP11-114N19.3	ELF3	-0.594037734	0
RP11-114N19.3	TPD52L1	-0.450770885	0
RP11-114N19.3	INHBB	-0.311045425	3.38E-11
RP11-114N19.3	HPN	-0.332815013	1.10E-12
RP11-114N19.3	MMP7	-0.454177438	9.96E-24
RP11-114N19.3	RAB27A	-0.408749649	0
RP11-114N19.3	IGF2BP2	-0.294561397	3.76E-10
RP11-114N19.3	ITGB4	-0.524579382	0
RP11-114N19.3	PPP1R1B	-0.463939895	0
RP11-114N19.3	NPDC1	-0.33589685	6.60E-13
RP11-114N19.3	CCL13	-0.559634982	1.51E-37
RP11-114N19.3	SPINT1	-0.693354505	0
RP11-114N19.3	HEY2	-0.221826749	2.85E-06
RP11-114N19.3	CST2	-0.54193161	7.09E-35
RP11-114N19.3	ADM	-0.308129395	5.24E-11

RP11-114N19.3	VSTM2L	-0.49819725	0
RP11-114N19.3	FAM84A	-0.460087315	0
RP11-114N19.3	P4HA2	-0.433965738	0
RP11-114N19.3	LPL	-0.278450685	3.43E-09
RP11-114N19.3	TMEM173	-0.437582585	0
RP11-114N19.3	DHRS3	-0.437988381	0
RP11-114N19.3	SCN1B	-0.552191384	0
RP11-114N19.3	GLT1D1	-0.216421194	5.00E-06
RP11-114N19.3	PHYHIP	-0.451323624	0
RP11-114N19.3	BHLHE40	-0.477061106	0
RP11-114N19.3	BID	-0.565437695	0
RP11-114N19.3	POSTN	-0.310826712	3.50E-11
RP11-114N19.3	ITGA3	-0.669023196	0
RP11-114N19.3	RSPO4	-0.460715228	0
RP11-114N19.3	ADAMTS9	-0.091609908	0.0551341
RP11-114N19.3	ABTB2	-0.591132626	0
RP11-114N19.3	KCNQ3	-0.570609219	0
RP11-114N19.3	ANXA1	-0.412901364	0
RP11-114N19.3	S100A11	-0.640217351	0
RP11-114N19.3	CEACAM6	-0.557809657	2.90E-37
RP11-114N19.3	IER5L	-0.506621383	0
RP11-114N19.3	KRT80	-0.56083735	0
RP11-114N19.3	CDH6	-0.581106443	0
RP11-114N19.3	UNC5B	-0.364545114	3.55E-15
RP11-114N19.3	PLEKHN1	-0.545432986	0
RP11-114N19.3	SYTL1	-0.458179038	0
RP11-114N19.3	TMEM163	-0.512163101	0
RP11-114N19.3	C4orf48	-0.307167598	6.04E-11
RP11-114N19.3	B3GNT7	-0.312724067	2.63E-11
RP11-114N19.3	BAIAP3	-0.388897415	0
RP11-114N19.3	PHLDA2	-0.571671153	0
RP11-114N19.3	GAP43	-0.513867699	5.93E-31
RP11-114N19.3	S100A1	-0.488359994	0
RP11-114N19.3	PTPRE	-0.533155422	0
RP11-114N19.3	CCND1	-0.518006791	0
RP11-114N19.3	ST6GALNAC5	-0.629793903	6.87E-50
RP11-114N19.3	KRT17	-0.282893733	1.89E-09
RP11-114N19.3	HPCAL4	-0.232087672	9.48E-07
RP11-114N19.3	GABBR2	-0.250838683	1.11E-07
RP11-114N19.3	DIRAS3	-0.295540499	3.27E-10
RP11-114N19.3	SERINC2	-0.490386421	0
RP11-114N19.3	PTCHD4	-0.394757841	0
RP11-114N19.3	EPS8	-0.287526275	1.00E-09
RP11-114N19.3	LY6E	-0.569489982	0
RP11-114N19.3	UPP1	-0.62614498	0
RP11-114N19.3	AHNAK2	-0.59668399	0
RP11-114N19.3	PLXNC1	-0.315084521	1.83E-11
RP11-114N19.3	TNC	-0.536307753	0
RP11-114N19.3	DUSP4	-0.410024056	0
RP11-114N19.3	NRCAM	-0.354233697	2.65E-14
RP11-114N19.3	NRP2	-0.355808656	1.98E-14

RP11-114N19.3	CTSC	-0.548371001	0
RP11-114N19.3	AMIG02	-0.3050338	8.28E-11
RP11-114N19.3	NAB2	-0.341093621	2.74E-13
RP11-114N19.3	TBC1D2	-0.618245787	0
RP11-114N19.3	PHLDA3	-0.592204489	0
RP11-114N19.3	PTP4A3	-0.426222281	0
RP11-114N19.3	CRABP2	-0.292443627	5.06E-10
RP11-114N19.3	GOS2	-0.393974333	0
RP11-114N19.3	S100A6	-0.671390741	0
RP11-114N19.3	FOXQ1	-0.439272432	0
RP11-114N19.3	LRG1	-0.490365004	0
RP11-114N19.3	LAMP5	-0.402125146	0
RP11-114N19.3	ALDH3B1	-0.590838456	0
RP11-114N19.3	CDH2	-0.007127032	0.881582415
RP11-114N19.3	SCG5	-0.15776303	0.000922255
RP11-114N19.3	ZCCHC16	-0.185983459	8.86E-05
RP11-114N19.3	GRB7	-0.529583821	0
RP11-114N19.3	TIAM1	-0.383817518	0
RP11-114N19.3	FXYD5	-0.420903531	0
RP11-114N19.3	CLDN9	-0.457871819	0
RP11-114N19.3	FAM43A	-0.468115438	0
RP11-114N19.3	CHST2	-0.430991413	0
RP11-114N19.3	HMGA2	-0.344257582	1.59E-13
RP11-114N19.3	GALNT7	-0.380873547	3.80E-17
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RP11-114N19.3	STRA6	-0.511956161	0
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RP11-114N19.3	PRR36	-0.403155451	0
RP11-114N19.3	NFE2L3	-0.510643458	0
RP11-114N19.3	NR1D1	-0.346558748	1.06E-13
RP11-114N19.3	MUC1	-0.630247619	0
RP11-114N19.3	NAT8L	-0.170064281	0.000351061
RP11-114N19.3	APOC1	-0.212341107	7.56E-06
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RP11-114N19.3	EPHB3	-0.607159655	0
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RP11-114N19.3	ICAM1	-0.483140104	0
RP11-114N19.3	PRSS23	-0.467361432	0
RP11-114N19.3	CFI	-0.428235092	0
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RP11-114N19.3	ICAM5	-0.311065424	3.37E-11

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RP11-114N19.3	MFGE8	-0.52773157	0
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RP11-114N19.3	CYSLTR2	-0.295062649	3.50E-10
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RP11-114N19.3	MGAT3	-0.558335626	0
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RP11-114N19.3	CYP2S1	-0.615206926	0
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RP11-114N19.3	FAM20A	-0.424718524	0
RP11-114N19.3	TGFA	-0.386601781	0
RP11-114N19.3	MXRA8	-0.51169745	0
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RP11-114N19.3	TENM1	-0.016358218	0.732409319
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RP11-114N19.3	DUSP5	-0.60471878	0
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RP11-114N19.3	CYP1B1	-0.492069177	0
RP11-114N19.3	ALOX5	-0.572961446	0
RP11-114N19.3	SYTL5	-0.43663371	7.33E-22
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RP11-114N19.3	DUSP6	-0.43553857	0
RP11-114N19.3	ALOX15B	-0.588100858	0
RP11-114N19.3	SDC4	-0.549394639	0
RP11-114N19.3	MDK	-0.449213939	0
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RP11-114N19.3	NPC2	-0.429119305	0
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RP11-114N19.3	TMPRSS4	-0.636329595	0
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RP11-114N19.3	CRLF1	-0.484056372	0
RP11-114N19.3	CTXN1	-0.578154103	0
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RP11-114N19.3	AGR2	-0.272730109	7.27E-09
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RP11-114N19.3	TIMP1	-0.530820783	0
RP11-114N19.3	CAMK2N1	-0.480309886	0
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RP11-114N19.3	ARHGAP36	-0.284621527	1.26E-09
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RP11-114N19.3	CHI3L1	-0.502654198	0
RP11-114N19.3	SLC22A31	-0.459040436	2.89E-24
RP11-114N19.3	TACSTD2	-0.607450846	0
RP11-114N19.3	SFTPB	-0.530400378	0
RP11-114N19.3	RXRG	-0.284159346	1.59E-09
RP11-114N19.3	DCSTAMP	-0.56040147	1.15E-37
RP11-114N19.3	CITED1	-0.381303455	2.96E-17

RP11-114N19.3	SERPINA1	-0.619787273	0
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RP11-114N19.3	ZCCHC12	-0.233463634	8.15E-07
AP001258.4	TFF3	-0.557880046	0
AP001258.4	CCL21	-0.281913951	1.83E-09
AP001258.4	TPO	-0.626450781	0
AP001258.4	MT1G	-0.614183288	0
AP001258.4	DIO1	-0.640758885	0
AP001258.4	DPT	-0.231783939	9.13E-07
AP001258.4	CDH16	-0.520048537	0
AP001258.4	CRABP1	-0.423193082	1.67E-20
AP001258.4	SLC26A7	-0.530853547	0
AP001258.4	MT1H	-0.569591476	4.04E-39
AP001258.4	SLC26A4	-0.523552197	0
AP001258.4	SLC5A8	-0.580896056	5.66E-41
AP001258.4	PKHD1L1	-0.502738486	1.70E-29
AP001258.4	TFCP2L1	-0.55748049	0
AP001258.4	WSCD2	-0.564308833	2.80E-38
AP001258.4	IPCEF1	-0.473395751	0
AP001258.4	SLC5A5	-0.447884277	4.79E-23
AP001258.4	MT1F	-0.605025857	0
AP001258.4	FOSB	-0.364041734	3.94E-15
AP001258.4	SEMA3D	-0.526695256	1.06E-32
AP001258.4	BMP8A	-0.488481974	0
AP001258.4	MATN2	-0.514993319	0
AP001258.4	PLA2R1	-0.419083619	0
AP001258.4	COL23A1	-0.500690179	0
AP001258.4	HGD	-0.6496464	0
AP001258.4	TCEAL2	-0.418518114	0
AP001258.4	CHRD1	-0.266906286	1.35E-08
AP001258.4	TNFRSF11B	-0.480197834	0
AP001258.4	FAM167A	-0.614484833	0
AP001258.4	KIT	-0.443803703	0
AP001258.4	SLC4A4	-0.600527634	0
AP001258.4	SMOC2	-0.288315315	9.00E-10
AP001258.4	FHL1	-0.639725035	0
AP001258.4	OTOS	-0.596394642	0
AP001258.4	IGFBPL1	-0.507905506	3.63E-30
AP001258.4	HBB	-0.358267403	1.24E-14
AP001258.4	BEX1	-0.399920571	0
AP001258.4	FABP4	-0.516933725	2.30E-31
AP001258.4	LMOD1	-0.536940772	0
AP001258.4	SOD3	-0.644080427	0
AP001258.4	TMEM171	-0.473111935	0
AP001258.4	PI16	-0.240178062	3.84E-07
AP001258.4	ZMAT4	-0.615385662	4.24E-47
AP001258.4	MFAP4	-0.187015378	8.31E-05
AP001258.4	CWH43	-0.501093369	2.76E-29
AP001258.4	SPX	-0.588386376	0

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AP001258.4	DPP6	-0.490903701	0
AP001258.4	MMRN1	-0.330102662	1.72E-12
AP001258.4	WDR72	-0.396731789	0
AP001258.4	MPPED2	-0.60659415	0
AP001258.4	PAPSS2	-0.425080918	0
AP001258.4	DCN	-0.058458457	0.221464163
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AP001258.4	EGR2	-0.201570988	2.17E-05
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AP001258.4	DIO2	-0.44378569	0
AP001258.4	ITPR1	-0.628707552	0
AP001258.4	CFD	-0.299226846	1.93E-10
AP001258.4	CPXM1	-0.421299824	0
AP001258.4	ELMO1	-0.620191225	0
AP001258.4	GPC3	-0.425922666	8.97E-21
AP001258.4	MYOC	-0.103409033	0.030288803
AP001258.4	DEPTOR	-0.568992701	0
AP001258.4	DGKI	-0.488541687	0
AP001258.4	CARTPT	-0.502257716	1.96E-29
AP001258.4	IYD	-0.352681431	3.53E-14
AP001258.4	LYVE1	-0.254036259	7.56E-08
AP001258.4	CLCNKB	-0.518150614	0
AP001258.4	NCAM1	-0.495622339	0
AP001258.4	HBA2	-0.37181682	7.08E-16
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AP001258.4	CSGALNACT1	-0.363105609	4.77E-15
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AP001258.4	COL9A3	-0.536744185	0
AP001258.4	FBLN1	-0.142898215	0.002713583
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AP001258.4	AOX1	-0.445865251	7.87E-23
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AP001258.4	C11orf74	-0.537473654	0
AP001258.4	PPARGC1A	-0.589698653	0
AP001258.4	ANGPTL1	-0.423123282	0
AP001258.4	SCARA5	-0.207162585	1.21E-05
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AP001258.4	PBX4	-0.532852316	0
AP001258.4	CYR61	-0.387062752	0
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AP001258.4	KHDRBS2	-0.490466701	0
AP001258.4	MUM1L1	-0.453036307	0
AP001258.4	RGS16	-0.481479333	0
AP001258.4	MT1M	-0.533114431	0
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AP001258.4	MAFB	-0.454134978	0
AP001258.4	KCNK2	-0.465602226	0
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AP001258.4	FMOD	-0.515141965	0
AP001258.4	CITED2	-0.482965219	0
AP001258.4	RGS8	-0.513346346	6.96E-31
AP001258.4	ABI3BP	-0.29798109	2.31E-10
AP001258.4	ADH1B	-0.282708913	1.64E-09
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AP001258.4	FOXJ1	-0.544263151	3.22E-35
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AP001258.4	OCA2	-0.430142097	3.38E-21
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AP001258.4	ADCY8	0.659964157	3.09E-56
AP001258.4	SFTA2	0.353136303	3.25E-14
AP001258.4	NRIP1	0.618093595	0
AP001258.4	VWA1	0.040075798	0.402094538
AP001258.4	APLNR	0.239841483	3.99E-07
AP001258.4	REN	0.535202937	6.68E-34
AP001258.4	EDIL3	0.201141505	2.26E-05
AP001258.4	AGRN	0.360279221	8.38E-15
AP001258.4	TREM1	0.312982069	2.52E-11
AP001258.4	SRL	0.280207479	2.71E-09
AP001258.4	RASGRF1	0.55171708	0
AP001258.4	RMI2	0.551588292	0
AP001258.4	SAMD1	0.370679003	9.27E-16
AP001258.4	MGAT4B	0.593607542	0
AP001258.4	NXN	0.532332625	0
AP001258.4	SH3BGRL3	0.420561703	0
AP001258.4	CA11	0.353702942	2.93E-14
AP001258.4	PLD3	0.163645158	0.000585972
AP001258.4	LURAP1L	0.495859916	0
AP001258.4	CARNS1	0.302584556	1.19E-10
AP001258.4	PDLIM7	0.369728694	1.16E-15
AP001258.4	BCL2L1	0.495157255	0
AP001258.4	GGT6	0.308231943	5.16E-11
AP001258.4	DPYSL3	0.368377412	1.57E-15
AP001258.4	FYN	0.504742183	0
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AP001258.4	TMEM59L	0.363980744	3.99E-15
AP001258.4	MEGF9	0.558357327	0
AP001258.4	ZFP36L1	0.464944386	0
AP001258.4	ADRA1B	0.333479236	9.87E-13
AP001258.4	EPHA4	0.564825101	0
AP001258.4	TCERG1L	0.36844677	1.54E-15
AP001258.4	NGFR	0.426990471	0
AP001258.4	EBI3	0.57847579	0
AP001258.4	S100A10	0.368025372	1.69E-15
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AP001258.4	CD44	0.260234542	3.55E-08
AP001258.4	BHLHE41	0.651670274	0

AP001258.4	FBX02	0.373809774	4.30E-16
AP001258.4	SLC30A2	0.312729032	2.62E-11
AP001258.4	FRMD5	0.572638483	0
AP001258.4	SAMD11	0.364517598	3.57E-15
AP001258.4	SIPA1L2	0.454215967	0
AP001258.4	S100A16	0.464481287	0
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AP001258.4	ARHGDIB	0.092232431	0.05349635
AP001258.4	CDC42EP3	0.525368989	0
AP001258.4	RUNX2	0.594588204	0
AP001258.4	LAMC2	0.523763677	0
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AP001258.4	CD109	0.557485171	0
AP001258.4	SNX22	0.475015106	0
AP001258.4	TMEM98	0.619521186	0
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AP001258.4	PRSS22	0.617351787	0
AP001258.4	CMTM3	0.433480797	0
AP001258.4	RDH5	0.624924614	0
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AP001258.4	SCD	0.366975777	2.13E-15
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AP001258.4	CD207	0.463389754	9.41E-25
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AP001258.4	CX3CL1	0.327924894	2.44E-12
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AP001258.4	SEMA3F	0.211059467	8.60E-06
AP001258.4	PLA2G12B	0.321542918	5.13E-12
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AP001258.4	ST3GAL5	0.321540521	6.74E-12
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AP001258.4	MUC21	0.504614411	9.73E-30
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AP001258.4	MGAT3	0.590576341	0
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AP001258.4	APOE	0.264331507	2.13E-08
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AP001258.4	TENM1	0.357495525	1.44E-14
AP001258.4	SLIT1	0.191338574	5.64E-05
AP001258.4	CXCL14	0.370463836	9.75E-16
AP001258.4	ECM1	0.113159649	0.017742068
AP001258.4	DUSP5	0.554049025	0
AP001258.4	SEZ6L2	0.481687124	0
AP001258.4	THRSP	0.185868199	9.20E-05
AP001258.4	C19orf33	0.457834516	0
AP001258.4	MPZL2	0.568907315	0
AP001258.4	CTSH	0.604185472	0
AP001258.4	CYP1B1	0.66118329	0
AP001258.4	ALOX5	0.526005271	0
AP001258.4	SYTL5	0.597713465	7.22E-44
AP001258.4	TNFRSF12A	0.48882139	0
AP001258.4	DUSP6	0.51783219	0
AP001258.4	ALOX15B	0.568628605	0
AP001258.4	SDC4	0.635066536	0
AP001258.4	MDK	0.551747717	0
AP001258.4	KRT19	0.535042991	0
AP001258.4	MET	0.688475875	0
AP001258.4	TESC	0.288541971	8.72E-10
AP001258.4	CXCL17	0.690876138	1.50E-63
AP001258.4	NPC2	0.529810052	0
AP001258.4	COMP	0.481372671	0
AP001258.4	TUSC3	0.529948343	0
AP001258.4	TMPRSS4	0.602971488	0
AP001258.4	LGALS3	0.573330932	0
AP001258.4	CRLF1	0.426955721	0

AP001258.4	CTXN1	0.565433724	0
AP001258.4	PCSK1N	0.20722107	1.26E-05
AP001258.4	NMU	0.452530155	1.51E-23
AP001258.4	GALE	0.490737893	0
AP001258.4	PCSK2	0.236778226	5.63E-07
AP001258.4	GJB3	0.626833741	0
AP001258.4	SLPI	0.416887413	0
AP001258.4	AGR2	0.23518114	6.73E-07
AP001258.4	MRC2	0.490528116	0
AP001258.4	GOLT1A	0.469589268	0
AP001258.4	SLC27A6	0.662328862	9.16E-57
AP001258.4	KCNN4	0.559109348	0
AP001258.4	ETV4	0.410778644	2.67E-19
AP001258.4	SYT12	0.652855891	0
AP001258.4	PVRL4	0.715896255	0
AP001258.4	PLCD3	0.631987677	0
AP001258.4	PLAU	0.510823875	0
AP001258.4	LRRK2	0.255355345	6.45E-08
AP001258.4	SFN	0.517725812	0
AP001258.4	LPAR5	0.608805675	0
AP001258.4	NGEF	0.614285269	0
AP001258.4	DTX4	0.825664578	0
AP001258.4	CST6	0.598239659	0
AP001258.4	QPCT	0.564098611	0
AP001258.4	TIMP1	0.567119033	0
AP001258.4	CAMK2N1	0.643906393	0
AP001258.4	KLHDC8A	0.273533191	6.55E-09
AP001258.4	PDLIM4	0.712819665	0
AP001258.4	SCEL	0.51370558	0
AP001258.4	LCN2	0.609822647	0
AP001258.4	PROS1	0.711373069	0
AP001258.4	GABRB2	0.746874619	0
AP001258.4	TMPRSS6	0.705875461	0
AP001258.4	KLK7	0.633240789	1.40E-50
AP001258.4	PDZK1IP1	0.434909664	0
AP001258.4	CDH3	0.533796242	0
AP001258.4	LRP4	0.370397456	9.90E-16
AP001258.4	IGSF1	0.341625085	2.51E-13
AP001258.4	B3GNT3	0.574177132	0
AP001258.4	CLDN1	0.535053629	0
AP001258.4	GDF15	0.549815895	0
AP001258.4	ARHGAP36	0.387849329	3.29E-17
AP001258.4	LAMB3	0.488316024	0
AP001258.4	KLK10	0.742248743	0
AP001258.4	DPP4	0.537225864	0
AP001258.4	METTL7B	0.498075837	0
AP001258.4	LIPH	0.599953477	0
AP001258.4	CLDN16	0.54992511	0
AP001258.4	CHI3L1	0.592647305	0
AP001258.4	SLC22A31	0.492273526	3.57E-28
AP001258.4	TACSTD2	0.683435692	0

AP001258.4	SFTPB	0.660870965	0
AP001258.4	RXRG	0.485516585	0
AP001258.4	DCSTAMP	0.765075754	1.45E-85
AP001258.4	CITED1	0.568926889	0
AP001258.4	SERPINA1	0.706424229	0
AP001258.4	PRR15	0.4784287	0
AP001258.4	SLC34A2	0.717676452	0
AP001258.4	FN1	0.679136467	0
AP001258.4	ZCCHC12	0.386298675	0
RP11-366L20.2	TFF3	-0.380326623	5.02E-17
RP11-366L20.2	CCL21	-0.367875793	1.63E-15
RP11-366L20.2	TPO	-0.415067358	0
RP11-366L20.2	MT1G	-0.351523047	4.37E-14
RP11-366L20.2	DIO1	-0.442776235	0
RP11-366L20.2	DPT	-0.437591817	5.83E-22
RP11-366L20.2	CDH16	-0.420264696	0
RP11-366L20.2	CRABP1	-0.234338368	6.86E-07
RP11-366L20.2	SLC26A7	-0.177788731	0.00018498
RP11-366L20.2	MT1H	-0.346417669	8.01E-14
RP11-366L20.2	SLC26A4	-0.284594785	1.50E-09
RP11-366L20.2	SLC5A8	-0.372254646	7.08E-16
RP11-366L20.2	PKHD1L1	-0.347636407	6.47E-14
RP11-366L20.2	TFCP2L1	-0.372726705	5.66E-16
RP11-366L20.2	WSCD2	-0.360905161	5.96E-15
RP11-366L20.2	IPCEF1	-0.40663046	0
RP11-366L20.2	SLC5A5	-0.454605258	8.94E-24
RP11-366L20.2	MT1F	-0.401227459	0
RP11-366L20.2	FOSB	-0.226664955	1.71E-06
RP11-366L20.2	SEMA3D	-0.410102364	3.09E-19
RP11-366L20.2	BMP8A	-0.356199134	1.84E-14
RP11-366L20.2	MATN2	-0.207841749	1.18E-05
RP11-366L20.2	PLA2R1	-0.390708533	0
RP11-366L20.2	COL23A1	-0.278406999	3.45E-09
RP11-366L20.2	HGD	-0.44253185	0
RP11-366L20.2	TCEAL2	-0.382062709	1.71E-17
RP11-366L20.2	CHRD1	-0.413460146	1.48E-19
RP11-366L20.2	TNFRSF11B	-0.436184496	0
RP11-366L20.2	FAM167A	-0.35636565	1.78E-14
RP11-366L20.2	KIT	-0.306004533	7.18E-11
RP11-366L20.2	SLC4A4	-0.314955165	1.87E-11
RP11-366L20.2	SMOC2	-0.385675868	0
RP11-366L20.2	FHL1	-0.374427049	3.65E-16
RP11-366L20.2	OTOS	-0.458764684	0
RP11-366L20.2	IGFBPL1	-0.316764485	1.09E-11
RP11-366L20.2	HBB	-0.273410786	6.65E-09
RP11-366L20.2	BEX1	-0.167576457	0.000429093
RP11-366L20.2	FABP4	-0.283712457	1.43E-09
RP11-366L20.2	LMOD1	-0.344439559	1.54E-13
RP11-366L20.2	SOD3	-0.466183333	0
RP11-366L20.2	TMEM171	-0.417795738	0
RP11-366L20.2	PI16	-0.337115515	5.39E-13

RP11-366L20.2	ZMAT4	-0.43696813	6.77E-22
RP11-366L20.2	MFAP4	-0.268600663	1.24E-08
RP11-366L20.2	CWH43	-0.381849612	1.09E-16
RP11-366L20.2	SPX	-0.181479191	0.000134926
RP11-366L20.2	APOD	-0.327520375	2.60E-12
RP11-366L20.2	DPP6	-0.343935612	1.68E-13
RP11-366L20.2	MMRN1	-0.293256495	4.52E-10
RP11-366L20.2	WDR72	-0.179067109	0.000165943
RP11-366L20.2	MPPED2	-0.286968855	1.08E-09
RP11-366L20.2	PAPSS2	-0.466961877	0
RP11-366L20.2	DCN	-0.399112951	0
RP11-366L20.2	SORBS2	-0.351062502	4.75E-14
RP11-366L20.2	EGR2	-0.075136802	0.115919271
RP11-366L20.2	EDN3	-0.089133664	0.062048568
RP11-366L20.2	DIO2	-0.174215002	0.00024963
RP11-366L20.2	ITPR1	-0.390419044	0
RP11-366L20.2	CFD	-0.40198189	0
RP11-366L20.2	CPXM1	-0.412817396	0
RP11-366L20.2	ELMO1	-0.423572055	0
RP11-366L20.2	GPC3	-0.378934079	1.94E-16
RP11-366L20.2	MYOC	-0.048390419	0.311732279
RP11-366L20.2	DEPTOR	-0.341928191	2.38E-13
RP11-366L20.2	DGKI	-0.389895523	0
RP11-366L20.2	CARTPT	-0.332922045	8.02E-13
RP11-366L20.2	IYD	-0.142448591	0.002799476
RP11-366L20.2	LYVE1	-0.315295574	1.77E-11
RP11-366L20.2	CLCNKB	-0.250911587	1.10E-07
RP11-366L20.2	NCAM1	-0.495289447	0
RP11-366L20.2	HBA2	-0.279121291	3.13E-09
RP11-366L20.2	GLT8D2	-0.411561712	0
RP11-366L20.2	OGDHL	-0.3062753	6.90E-11
RP11-366L20.2	LIFR	-0.272108579	7.88E-09
RP11-366L20.2	CSGALNACT1	-0.335997838	6.49E-13
RP11-366L20.2	RAP1GAP	-0.263410984	2.39E-08
RP11-366L20.2	COL9A3	-0.289622486	7.51E-10
RP11-366L20.2	FBLN1	-0.440514926	0
RP11-366L20.2	EFEMP1	-0.426984089	0
RP11-366L20.2	AOX1	-0.500493256	3.29E-29
RP11-366L20.2	GRIN2C	-0.376464397	2.05E-16
RP11-366L20.2	C11orf74	-0.33223107	1.21E-12
RP11-366L20.2	PPARGC1A	-0.381179347	3.20E-17
RP11-366L20.2	ANGPTL1	-0.233367327	8.24E-07
RP11-366L20.2	SCARA5	-0.389741111	2.24E-17
RP11-366L20.2	LTF	-0.394208932	0
RP11-366L20.2	CA4	-0.159943407	0.000770142
RP11-366L20.2	TG	-0.150070493	0.001631437
RP11-366L20.2	FCGBP	-0.306286222	6.89E-11
RP11-366L20.2	PBX4	-0.284562305	1.51E-09
RP11-366L20.2	CYR61	-0.226922248	1.66E-06
RP11-366L20.2	FOS	-0.241073622	3.46E-07
RP11-366L20.2	KHDRBS2	-0.248890975	1.40E-07

RP11-366L20.2	MUM1L1	-0.41032858	0
RP11-366L20.2	RGS16	-0.327859933	2.47E-12
RP11-366L20.2	MT1M	-0.404228023	0
RP11-366L20.2	LRP2	-0.284662442	1.48E-09
RP11-366L20.2	MAFB	-0.457846288	0
RP11-366L20.2	KCNK2	-0.376377877	2.11E-16
RP11-366L20.2	TBC1D4	-0.294336727	3.88E-10
RP11-366L20.2	MIOX	-0.343851869	1.25E-13
RP11-366L20.2	TPPP	-0.281658615	2.23E-09
RP11-366L20.2	FMOD	-0.490790941	0
RP11-366L20.2	CITED2	-0.336957508	5.53E-13
RP11-366L20.2	RGS8	-0.355778724	1.52E-14
RP11-366L20.2	ABI3BP	-0.178540468	0.000173551
RP11-366L20.2	ADH1B	-0.356003112	1.46E-14
RP11-366L20.2	OGN	-0.379139141	1.86E-16
RP11-366L20.2	NR4A1	-0.224157133	2.23E-06
RP11-366L20.2	FOXJ1	-0.254715195	6.26E-08
RP11-366L20.2	ALDH1A1	-0.27264912	7.35E-09
RP11-366L20.2	OCA2	-0.339308902	2.73E-13
RP11-366L20.2	TMEM139	-0.325193395	3.78E-12
RP11-366L20.2	ARHGAP24	-0.434558333	0
RP11-366L20.2	SLC25A15	-0.310882738	3.47E-11
RP11-366L20.2	DES	-0.287764075	8.12E-10
RP11-366L20.2	GDF10	-0.431264001	2.60E-21
RP11-366L20.2	KIAA1324	-0.395714533	0
RP11-366L20.2	JUN	-0.224403362	2.17E-06
RP11-366L20.2	C7	-0.288279289	9.04E-10
RP11-366L20.2	LGI3	-0.324792847	4.03E-12
RP11-366L20.2	CDON	-0.313484172	2.34E-11
RP11-366L20.2	BCL2	-0.257149442	5.18E-08
RP11-366L20.2	HLF	-0.252989218	8.58E-08
RP11-366L20.2	EGR1	-0.110325318	0.020816807
RP11-366L20.2	IP6K3	-0.28543361	1.34E-09
RP11-366L20.2	SCUBE3	-0.310651259	3.59E-11
RP11-366L20.2	PKNOX2	-0.25275164	8.83E-08
RP11-366L20.2	SMAD9	-0.273649214	6.45E-09
RP11-366L20.2	IQGAP2	-0.334728396	8.02E-13
RP11-366L20.2	GNA14	-0.354086753	2.73E-14
RP11-366L20.2	LAYN	-0.355117767	2.25E-14
RP11-366L20.2	AVPR1A	-0.313785434	2.23E-11
RP11-366L20.2	PDLIM3	-0.501134413	0
RP11-366L20.2	GPM6A	-0.208597883	1.10E-05
RP11-366L20.2	SDPR	-0.057118806	0.232247116
RP11-366L20.2	CRYAB	-0.306089352	7.09E-11
RP11-366L20.2	FOXA2	-0.424714971	1.18E-20
RP11-366L20.2	C8orf88	-0.223169805	2.48E-06
RP11-366L20.2	ISM1	-0.415034452	0
RP11-366L20.2	BMP2	-0.304631408	8.79E-11
RP11-366L20.2	ID4	-0.297353035	2.53E-10
RP11-366L20.2	NUPR1	-0.338160571	4.52E-13
RP11-366L20.2	SERTM1	-0.399547216	2.96E-18

RP11-366L20.2	IRS1	-0.233462074	8.15E-07
RP11-366L20.2	FIBIN	-0.468097425	0
RP11-366L20.2	PODN	-0.395428873	0
RP11-366L20.2	TDRD9	-0.339793116	3.43E-13
RP11-366L20.2	EPHA3	-0.354196393	2.67E-14
RP11-366L20.2	AIF1L	-0.213710828	6.59E-06
RP11-366L20.2	EBF4	-0.327779086	2.50E-12
RP11-366L20.2	ADM2	-0.431923567	0
RP11-366L20.2	GSTM3	-0.331506424	1.36E-12
RP11-366L20.2	HSD17B6	-0.118472159	0.013033448
RP11-366L20.2	AGR3	-0.247459821	1.50E-07
RP11-366L20.2	EPHB1	-0.238508781	4.64E-07
RP11-366L20.2	TMOD1	-0.466138229	0
RP11-366L20.2	WASF3	-0.228224596	1.44E-06
RP11-366L20.2	SELV	-0.373442981	5.63E-16
RP11-366L20.2	ENPP1	-0.140051544	0.003300619
RP11-366L20.2	SYNE1	-0.345573985	9.28E-14
RP11-366L20.2	PLCH1	-0.439213002	0
RP11-366L20.2	CCDC146	-0.231960161	9.62E-07
RP11-366L20.2	SLC16A2	-0.354597367	2.48E-14
RP11-366L20.2	IER2	-0.237903988	4.96E-07
RP11-366L20.2	KCNAB1	-0.187084878	8.26E-05
RP11-366L20.2	SYNDIG1	-0.468742642	0
RP11-366L20.2	C16orf89	-0.189350726	6.74E-05
RP11-366L20.2	CTGF	-0.193622152	4.57E-05
RP11-366L20.2	NR4A3	-0.295826159	3.14E-10
RP11-366L20.2	KIAA1456	-0.108739437	0.022731648
RP11-366L20.2	AQP4	-0.282051788	2.12E-09
RP11-366L20.2	RNF150	-0.41242011	0
RP11-366L20.2	C1S	-0.39796563	0
RP11-366L20.2	PFKFB2	-0.229935719	1.20E-06
RP11-366L20.2	PROX1	-0.278001628	3.64E-09
RP11-366L20.2	TCF7L1	-0.363643314	4.28E-15
RP11-366L20.2	HSPB6	-0.294165671	3.97E-10
RP11-366L20.2	FHDC1	-0.096753064	0.042778788
RP11-366L20.2	PRR15L	-0.312535991	2.70E-11
RP11-366L20.2	SLC1A1	-0.357879762	1.33E-14
RP11-366L20.2	BTBD11	-0.233111736	8.47E-07
RP11-366L20.2	TRIM58	-0.226851755	1.67E-06
RP11-366L20.2	LRIG1	-0.312988593	2.52E-11
RP11-366L20.2	ROR2	-0.488496725	0
RP11-366L20.2	GPR125	-0.292203355	5.24E-10
RP11-366L20.2	FLRT1	-0.304128879	9.46E-11
RP11-366L20.2	PGF	-0.356054743	1.89E-14
RP11-366L20.2	DUSP1	-0.253601103	7.97E-08
RP11-366L20.2	PLA2G7	-0.365402378	2.97E-15
RP11-366L20.2	PLSCR4	-0.212562798	7.40E-06
RP11-366L20.2	FAM46B	-0.399097774	0
RP11-366L20.2	GLDC	-0.384915905	0
RP11-366L20.2	ZBTB16	-0.229806789	1.22E-06
RP11-366L20.2	OMD	-0.398625874	3.59E-18

RP11-366L20.2	HSD11B2	-0.190155085	6.27E-05
RP11-366L20.2	FGL2	-0.357629136	1.40E-14
RP11-366L20.2	CLCNKA	-0.317387045	9.91E-12
RP11-366L20.2	GATM	-0.044014757	0.357416883
RP11-366L20.2	TNS3	-0.364036061	3.94E-15
RP11-366L20.2	TOB1	-0.407955219	0
RP11-366L20.2	MARC2	-0.236492141	5.82E-07
RP11-366L20.2	LRRC2	-0.225285305	1.98E-06
RP11-366L20.2	SORD	-0.104442481	0.028704853
RP11-366L20.2	RIMS4	-0.227637674	1.54E-06
RP11-366L20.2	SLC29A4	-0.383161096	3.18E-18
RP11-366L20.2	SLC39A14	-0.287719599	9.77E-10
RP11-366L20.2	FAXDC2	-0.136828011	0.00410298
RP11-366L20.2	HSPB8	-0.458513916	0
RP11-366L20.2	CCL19	-0.266447626	1.43E-08
RP11-366L20.2	KCNIP3	-0.31566662	1.68E-11
RP11-366L20.2	CGNL1	-0.237262884	5.34E-07
RP11-366L20.2	ATF3	-0.184611948	0.000102727
RP11-366L20.2	SGCD	-0.383817518	0
RP11-366L20.2	STARD13	-0.268104517	1.32E-08
RP11-366L20.2	LDHD	-0.204571127	1.63E-05
RP11-366L20.2	RCAN1	-0.312899945	2.56E-11
RP11-366L20.2	ID3	-0.459375009	0
RP11-366L20.2	SYTL3	-0.204052712	1.71E-05
RP11-366L20.2	MT1E	-0.351450852	4.43E-14
RP11-366L20.2	CAMK1D	-0.247318569	1.68E-07
RP11-366L20.2	PRKCQ	-0.128726842	0.00695312
RP11-366L20.2	NUAK2	-0.370217465	1.03E-15
RP11-366L20.2	LIPG	-0.004210577	0.929872738
RP11-366L20.2	SLC25A25	-0.332356028	1.19E-12
RP11-366L20.2	PRKX	-0.237219482	5.36E-07
RP11-366L20.2	SRPX	-0.393485988	0
RP11-366L20.2	FAM189A1	-0.223336321	2.44E-06
RP11-366L20.2	PLEKHH1	-0.002249253	0.962504724
RP11-366L20.2	WNT11	-0.406864208	0
RP11-366L20.2	SNAI1	-0.463796214	0
RP11-366L20.2	FDCSP	-0.225687607	1.78E-06
RP11-366L20.2	MT1X	-0.242272146	3.02E-07
RP11-366L20.2	ACACB	-0.247382821	1.67E-07
RP11-366L20.2	ARC	-0.017444691	0.715384153
RP11-366L20.2	KLK4	-0.376126781	3.36E-16
RP11-366L20.2	ZFPM2	-0.355343856	2.16E-14
RP11-366L20.2	AKAP12	-0.14888899	0.001776775
RP11-366L20.2	GJB6	-0.307344796	4.67E-11
RP11-366L20.2	ERO1LB	-0.273343697	6.71E-09
RP11-366L20.2	DNALI1	-0.305526116	7.70E-11
RP11-366L20.2	HKDC1	-0.489769004	0
RP11-366L20.2	ZFP36L2	-0.234431815	7.32E-07
RP11-366L20.2	CAPSL	-0.328821713	1.58E-12
RP11-366L20.2	CYP7B1	-0.358969355	1.08E-14
RP11-366L20.2	CPQ	-0.281445292	2.30E-09

RP11-366L20.2	RPS6KA6	-0.189071385	6.71E-05
RP11-366L20.2	TLE1	-0.47958368	0
RP11-366L20.2	TP53INP2	-0.302301307	1.24E-10
RP11-366L20.2	KATNAL2	-0.264776876	2.01E-08
RP11-366L20.2	SGPP2	-0.461054219	0
RP11-366L20.2	CTH	-0.341268932	2.66E-13
RP11-366L20.2	KIF12	-0.177700934	0.00018636
RP11-366L20.2	TMEM220	-0.174240675	0.000249098
RP11-366L20.2	CENPJ	-0.286662062	1.13E-09
RP11-366L20.2	FAM155B	-0.181447703	0.000135293
RP11-366L20.2	WFS1	-0.492221368	0
RP11-366L20.2	SELENBP1	-0.22529878	1.98E-06
RP11-366L20.2	SNTA1	-0.356934559	1.60E-14
RP11-366L20.2	FRAS1	-0.223564963	2.38E-06
RP11-366L20.2	FBLN7	-0.386795956	0
RP11-366L20.2	AGPAT9	-0.103429196	0.030295455
RP11-366L20.2	GPR83	-0.107770973	0.023974581
RP11-366L20.2	PRTG	-0.086295555	0.07088124
RP11-366L20.2	EGR3	-0.139444339	0.00343988
RP11-366L20.2	GRAMD2	-0.358887089	1.10E-14
RP11-366L20.2	HYOU1	-0.394886346	0
RP11-366L20.2	FBLN5	-0.34405745	1.65E-13
RP11-366L20.2	ITM2A	-0.214390512	6.15E-06
RP11-366L20.2	SRF	-0.290520032	6.63E-10
RP11-366L20.2	FGFR2	0.005735043	0.904587259
RP11-366L20.2	MT1A	-0.379064073	1.89E-16
RP11-366L20.2	MAMDC2	-0.265550456	1.83E-08
RP11-366L20.2	FHL2	-0.530910141	0
RP11-366L20.2	FTCDNL1	-0.237921575	4.95E-07
RP11-366L20.2	PKIA	-0.055714193	0.243946569
RP11-366L20.2	DNAJB4	-0.064325976	0.178448859
RP11-366L20.2	SLC25A33	-0.473378021	0
RP11-366L20.2	EYA2	-0.347409487	9.14E-14
RP11-366L20.2	LPAR1	-0.541862378	0
RP11-366L20.2	STX11	-0.273541276	6.54E-09
RP11-366L20.2	ARHGEF28	-0.274774692	5.57E-09
RP11-366L20.2	OR2W3	-0.262874273	2.55E-08
RP11-366L20.2	ALDH1B1	-0.405556484	8.25E-19
RP11-366L20.2	CXCL12	-0.310907275	3.45E-11
RP11-366L20.2	OLFM2	-0.33059356	1.58E-12
RP11-366L20.2	TUB	-0.031214948	0.514046945
RP11-366L20.2	HTRA3	-0.377947021	1.28E-16
RP11-366L20.2	CKB	-0.477836955	0
RP11-366L20.2	RGS2	-0.410661755	0
RP11-366L20.2	SHANK2	-0.213152841	6.97E-06
RP11-366L20.2	CNTFR	-0.26642211	1.44E-08
RP11-366L20.2	CYTH3	-0.241957551	3.13E-07
RP11-366L20.2	PLAC9	-0.287095232	1.06E-09
RP11-366L20.2	WWOX	-0.213023202	7.06E-06
RP11-366L20.2	NPR3	-0.310788416	3.52E-11
RP11-366L20.2	SDC2	-0.141019582	0.003089164

RP11-366L20.2	KLF15	-0.068596408	0.151278875
RP11-366L20.2	TMEM164	-0.448133565	0
RP11-366L20.2	LONRF3	-0.057319221	0.230610731
RP11-366L20.2	GBP1	-0.217498447	4.48E-06
RP11-366L20.2	ARHGAP6	-0.206224381	1.39E-05
RP11-366L20.2	TMEM119	-0.430476544	0
RP11-366L20.2	SH3RF1	-0.218589033	4.00E-06
RP11-366L20.2	CRELD2	-0.43617783	0
RP11-366L20.2	PCP4	-0.230072592	1.18E-06
RP11-366L20.2	GCSH	-0.204794804	1.59E-05
RP11-366L20.2	IMPA2	-0.210682464	8.93E-06
RP11-366L20.2	C1R	-0.403710743	0
RP11-366L20.2	SUCNR1	-0.234263596	7.46E-07
RP11-366L20.2	SFRP1	-0.298960192	2.01E-10
RP11-366L20.2	UGT8	-0.30713923	6.07E-11
RP11-366L20.2	TLE4	-0.347599832	8.84E-14
RP11-366L20.2	ANTXR1	-0.430285773	0
RP11-366L20.2	GPX3	-0.396385281	0
RP11-366L20.2	DPY19L2	-0.185755297	9.29E-05
RP11-366L20.2	FAM46C	-0.323815731	4.71E-12
RP11-366L20.2	IL33	-0.29014084	5.81E-10
RP11-366L20.2	PEG3	-0.188080149	7.56E-05
RP11-366L20.2	FAHD2A	-0.271259258	8.80E-09
RP11-366L20.2	PTGDS	-0.161447391	0.000695413
RP11-366L20.2	CHCHD10	-0.385862809	0
RP11-366L20.2	CD36	-0.192731982	4.96E-05
RP11-366L20.2	ANKRD37	-0.337873493	4.74E-13
RP11-366L20.2	TSPAN33	-0.412109487	0
RP11-366L20.2	PRDM16	-0.191914291	5.35E-05
RP11-366L20.2	UST	-0.116426726	0.014696942
RP11-366L20.2	NEXN	-0.285606226	1.31E-09
RP11-366L20.2	NUPR1L	-0.146729075	0.002054432
RP11-366L20.2	SLC24A3	-0.453629612	0
RP11-366L20.2	MARC1	-0.234601594	7.18E-07
RP11-366L20.2	MYH11	-0.154960044	0.001138691
RP11-366L20.2	APOA1	-0.383383936	8.06E-17
RP11-366L20.2	TMEM178B	-0.466011001	0
RP11-366L20.2	CAPN6	-0.372569389	6.66E-16
RP11-366L20.2	PPM1L	-0.382499426	1.10E-17
RP11-366L20.2	FZD8	-0.381735491	2.22E-17
RP11-366L20.2	RCAN2	-0.343428118	1.84E-13
RP11-366L20.2	COPZ2	-0.446867527	0
RP11-366L20.2	GAS1	-0.419512392	0
RP11-366L20.2	DACT1	-0.325331402	3.70E-12
RP11-366L20.2	WBSCR17	-0.265831719	1.76E-08
RP11-366L20.2	NCS1	-0.348641342	7.34E-14
RP11-366L20.2	SPIRE2	-0.279889481	2.83E-09
RP11-366L20.2	C15orf52	-0.415420249	0
RP11-366L20.2	SPAG5	-0.411659012	0
RP11-366L20.2	ARL4D	-0.440598468	0
RP11-366L20.2	FAM189A2	-0.010362621	0.828524602

RP11-366L20.2	MAP1LC3A	-0.33674532	5.73E-13
RP11-366L20.2	KLF6	-0.162618824	0.000634921
RP11-366L20.2	ADD3	-0.213228866	6.92E-06
RP11-366L20.2	TSPAN7	-0.138194186	0.00374353
RP11-366L20.2	KLF9	-0.185420278	9.57E-05
RP11-366L20.2	KCNQ1	-0.249201031	1.35E-07
RP11-366L20.2	MAN1A1	-0.36521416	3.09E-15
RP11-366L20.2	MLF1	-0.154320075	0.001194267
RP11-366L20.2	RARB	-0.266496509	1.62E-08
RP11-366L20.2	CDC42EP2	-0.313626719	2.29E-11
RP11-366L20.2	FAM3B	-0.226137179	1.81E-06
RP11-366L20.2	GADD45B	-0.330622211	1.58E-12
RP11-366L20.2	TMEM47	-0.236587881	5.76E-07
RP11-366L20.2	SDF2L1	-0.360224471	8.47E-15
RP11-366L20.2	CCDC85A	-0.234654073	7.14E-07
RP11-366L20.2	CRYBG3	-0.185347515	9.63E-05
RP11-366L20.2	FBLN2	-0.316422612	1.49E-11
RP11-366L20.2	PEBP4	-0.121886179	0.010624704
RP11-366L20.2	CDADC1	-0.193866395	4.47E-05
RP11-366L20.2	FAM63A	-0.217820559	4.33E-06
RP11-366L20.2	GLUL	-0.295094137	3.48E-10
RP11-366L20.2	FREM2	-0.162772859	0.00062734
RP11-366L20.2	ACKR3	-0.225288	1.98E-06
RP11-366L20.2	DENND6A	-0.272952226	7.06E-09
RP11-366L20.2	CLDN8	-0.210550555	9.05E-06
RP11-366L20.2	UTS2R	-0.127763026	0.007355776
RP11-366L20.2	SCNN1B	-0.053721948	0.261238997
RP11-366L20.2	TTC30A	-0.323958845	4.60E-12
RP11-366L20.2	CORO2B	-0.310129015	3.88E-11
RP11-366L20.2	TC2N	-0.472471966	0
RP11-366L20.2	ALDH2	-0.438265956	0
RP11-366L20.2	GPR183	-0.25185296	9.83E-08
RP11-366L20.2	C4orf47	-0.25180275	9.89E-08
RP11-366L20.2	SLC25A42	-0.162264231	0.000652696
RP11-366L20.2	LGMN	-0.404379647	0
RP11-366L20.2	ACSF2	-0.396973621	0
RP11-366L20.2	KIAA1467	-0.281523444	2.27E-09
RP11-366L20.2	PRKG1	-0.238850325	4.46E-07
RP11-366L20.2	GNAI1	-0.318535985	1.08E-11
RP11-366L20.2	ABCC4	-0.463567856	0
RP11-366L20.2	PRPS1	-0.369956201	1.10E-15
RP11-366L20.2	TSPAN5	-0.404847709	0
RP11-366L20.2	CR2	-0.157254141	0.000946252
RP11-366L20.2	CCDC170	-0.271429179	8.61E-09
RP11-366L20.2	RRAD	-0.32912356	2.01E-12
RP11-366L20.2	SCGB2A1	-0.331995195	1.26E-12
RP11-366L20.2	SESN3	-0.386377253	0
RP11-366L20.2	SGK223	-0.255719157	6.17E-08
RP11-366L20.2	NDRG2	-0.292459654	5.05E-10
RP11-366L20.2	C3orf52	-0.415784345	0
RP11-366L20.2	FLRT3	0.202370524	2.01E-05

RP11-366L20.2	MST1R	0.255029261	6.71E-08
RP11-366L20.2	SDC1	-0.031569116	0.509282145
RP11-366L20.2	ST8SIA4	0.183209604	0.000116126
RP11-366L20.2	UBTD1	0.353091624	3.28E-14
RP11-366L20.2	EPHA2	0.300779253	1.54E-10
RP11-366L20.2	TMEM130	0.420710349	0
RP11-366L20.2	SPINK2	0.23822922	4.79E-07
RP11-366L20.2	MMP16	0.2686591	1.23E-08
RP11-366L20.2	SIGLEC15	0.331610816	1.34E-12
RP11-366L20.2	RIN1	0.316213544	1.54E-11
RP11-366L20.2	IL1RN	0.12233566	0.010338967
RP11-366L20.2	FCER1G	0.025050849	0.600519356
RP11-366L20.2	CD276	0.197486221	3.20E-05
RP11-366L20.2	CTSB	0.421240678	0
RP11-366L20.2	FAM171A2	0.503681241	0
RP11-366L20.2	ASPHD1	0.341737562	2.46E-13
RP11-366L20.2	C15orf48	0.071200396	0.136327511
RP11-366L20.2	DYSF	0.306542238	6.63E-11
RP11-366L20.2	PDZRN4	0.257628568	4.89E-08
RP11-366L20.2	EFHD2	0.115208203	0.015774286
RP11-366L20.2	ASF1B	0.221409038	2.98E-06
RP11-366L20.2	AQP1	0.322370978	5.91E-12
RP11-366L20.2	ARRDC2	0.421588746	0
RP11-366L20.2	PRSS1	0.390236195	2.03E-17
RP11-366L20.2	MAPK13	0.304551837	8.89E-11
RP11-366L20.2	CST5	0.209034385	1.00E-05
RP11-366L20.2	AHR	0.259817683	3.74E-08
RP11-366L20.2	BAX	0.104454253	0.028686803
RP11-366L20.2	C1orf115	0.646792779	0
RP11-366L20.2	PLK3	0.192812971	4.93E-05
RP11-366L20.2	JAG2	0.374288332	3.79E-16
RP11-366L20.2	RAD23B	0.590597333	0
RP11-366L20.2	CA12	0.113888266	0.01701888
RP11-366L20.2	ADTRP	0.542513411	0
RP11-366L20.2	UCP2	0.390896751	0
RP11-366L20.2	IGFBP2	0.234411532	7.34E-07
RP11-366L20.2	LOXL2	0.187741726	7.79E-05
RP11-366L20.2	GPX1	0.113374249	0.017526327
RP11-366L20.2	P3H3	0.295303773	3.38E-10
RP11-366L20.2	C2orf81	0.476020447	0
RP11-366L20.2	CDT1	0.319361761	9.47E-12
RP11-366L20.2	SNX25	0.397575011	0
RP11-366L20.2	MTHFD1L	0.283420374	1.76E-09
RP11-366L20.2	CDC42BPG	0.375143907	4.06E-16
RP11-366L20.2	MSN	0.487048852	0
RP11-366L20.2	SIGLEC6	0.356632745	1.30E-14
RP11-366L20.2	F2R	0.124544206	0.00903178
RP11-366L20.2	TMEM184A	0.35232698	3.77E-14
RP11-366L20.2	CKS2	0.143408545	0.002619008
RP11-366L20.2	TAX1BP3	0.177819368	0.000184501
RP11-366L20.2	PMEPA1	0.228305869	1.43E-06

RP11-366L20.2	CXCL16	0.152668382	0.001349453
RP11-366L20.2	FAXC	0.298058959	2.28E-10
RP11-366L20.2	VTCN1	0.203462974	1.74E-05
RP11-366L20.2	SH2D4A	0.388181421	0
RP11-366L20.2	RNF24	0.462007648	0
RP11-366L20.2	LY6G6C	0.398106474	4.00E-18
RP11-366L20.2	NID1	0.19098852	5.82E-05
RP11-366L20.2	STAC	0.206668898	1.33E-05
RP11-366L20.2	RAB34	0.416704868	0
RP11-366L20.2	HES4	0.235660266	6.38E-07
RP11-366L20.2	EPHA10	0.419604586	0
RP11-366L20.2	ENTPD2	0.500386648	0
RP11-366L20.2	DDB2	0.336035	6.45E-13
RP11-366L20.2	NKAIN4	0.182450634	0.000124046
RP11-366L20.2	TRIM29	0.243291387	2.69E-07
RP11-366L20.2	ADCY8	0.324059505	3.42E-12
RP11-366L20.2	SFTA2	0.189416681	6.70E-05
RP11-366L20.2	NRIP1	0.393581161	0
RP11-366L20.2	VWA1	0.204759629	1.60E-05
RP11-366L20.2	APLNR	0.246032815	1.95E-07
RP11-366L20.2	REN	0.47831642	1.76E-26
RP11-366L20.2	EDIL3	0.246554209	1.84E-07
RP11-366L20.2	AGRN	0.377019548	1.73E-16
RP11-366L20.2	TREM1	0.050538272	0.290592987
RP11-366L20.2	SRL	0.237884698	4.97E-07
RP11-366L20.2	RASGRF1	0.441529487	0
RP11-366L20.2	RMI2	0.341396018	2.61E-13
RP11-366L20.2	SAMD1	0.33522128	7.39E-13
RP11-366L20.2	MGAT4B	0.408291231	0
RP11-366L20.2	NXN	0.204962881	1.57E-05
RP11-366L20.2	SH3BGRL3	0.119727276	0.012096996
RP11-366L20.2	CA11	0.499124723	0
RP11-366L20.2	PLD3	0.369900317	1.11E-15
RP11-366L20.2	LURAP1L	0.273972603	6.18E-09
RP11-366L20.2	CARNS1	0.516023341	0
RP11-366L20.2	PDLIM7	0.221892845	2.83E-06
RP11-366L20.2	BCL2L1	0.137038214	0.004045715
RP11-366L20.2	GGT6	0.456004817	0
RP11-366L20.2	DPYSL3	0.096065438	0.044281696
RP11-366L20.2	FYN	0.400332466	0
RP11-366L20.2	TK1	0.096848663	0.042573289
RP11-366L20.2	AK1	0.231799034	9.79E-07
RP11-366L20.2	HIGD1B	0.40240882	0
RP11-366L20.2	TMEM59L	0.090658039	0.057718747
RP11-366L20.2	MEGF9	0.446625978	0
RP11-366L20.2	ZFP36L1	0.291610192	5.69E-10
RP11-366L20.2	ADRA1B	0.349318614	6.50E-14
RP11-366L20.2	EPHA4	0.224883906	2.07E-06
RP11-366L20.2	TCERG1L	0.422106452	0
RP11-366L20.2	NGFR	0.404401774	0
RP11-366L20.2	EBI3	0.149183727	0.001739448

RP11-366L20.2	S100A10	-0.105377613	0.027301109
RP11-366L20.2	S100B	0.052407685	0.273099038
RP11-366L20.2	CD44	0.446493644	0
RP11-366L20.2	BHLHE41	0.565406349	0
RP11-366L20.2	FBX02	0.302684551	1.17E-10
RP11-366L20.2	SLC30A2	0.112375148	0.018550616
RP11-366L20.2	FRMD5	0.201058814	2.28E-05
RP11-366L20.2	SAMD11	0.336108188	6.38E-13
RP11-366L20.2	SIPA1L2	0.464108256	0
RP11-366L20.2	S100A16	0.14529895	0.002294277
RP11-366L20.2	PPL	0.305914325	7.28E-11
RP11-366L20.2	ARHGDIB	0.147001421	0.002033765
RP11-366L20.2	CDC42EP3	0.150210628	0.001614943
RP11-366L20.2	RUNX2	0.418888025	0
RP11-366L20.2	LAMC2	0.196179191	3.61E-05
RP11-366L20.2	BRINP1	0.390154234	0
RP11-366L20.2	GPRC5B	0.614267681	0
RP11-366L20.2	AQP5	0.184463019	0.000104078
RP11-366L20.2	PLAG1	0.671993124	0
RP11-366L20.2	PTPRU	0.244913153	2.23E-07
RP11-366L20.2	ANGPTL4	0.013635938	0.775631788
RP11-366L20.2	PALM3	0.484723715	0
RP11-366L20.2	ACP5	0.080963188	0.090201059
RP11-366L20.2	DLG4	0.596813203	0
RP11-366L20.2	ETNK2	0.546707109	0
RP11-366L20.2	CD109	0.340485282	3.05E-13
RP11-366L20.2	SNX22	0.354659492	2.45E-14
RP11-366L20.2	TMEM98	0.455810925	0
RP11-366L20.2	CTHRC1	-0.010539066	0.82565126
RP11-366L20.2	S100A2	0.069774224	0.144368703
RP11-366L20.2	C11orf80	0.38260169	9.69E-18
RP11-366L20.2	SREBF1	0.213125892	6.99E-06
RP11-366L20.2	PRSS22	0.416648417	0
RP11-366L20.2	CMTM3	0.076266251	0.110529182
RP11-366L20.2	RDH5	0.638032634	0
RP11-366L20.2	MYH10	0.243539886	2.61E-07
RP11-366L20.2	EVPL	0.327684764	2.54E-12
RP11-366L20.2	SCD	0.200247506	2.46E-05
RP11-366L20.2	CD151	0.315716831	1.66E-11
RP11-366L20.2	S100A4	0.130954819	0.006030787
RP11-366L20.2	BNIP1	0.554590701	0
RP11-366L20.2	MAP3K6	0.323231078	5.16E-12
RP11-366L20.2	MANEAL	0.381065878	3.41E-17
RP11-366L20.2	CD207	0.219690128	3.37E-06
RP11-366L20.2	CD1A	0.19315364	4.62E-05
RP11-366L20.2	C3	0.087152534	0.068117811
RP11-366L20.2	NT5E	0.098066618	0.04002723
RP11-366L20.2	CACNG4	0.226702419	1.59E-06
RP11-366L20.2	FHOD1	0.500198714	0
RP11-366L20.2	LEMD1	0.230647742	1.11E-06
RP11-366L20.2	ATP11A	0.32172647	6.54E-12

RP11-366L20.2	PPAP2C	0.282100438	2.10E-09
RP11-366L20.2	DRAM1	0.259024813	4.12E-08
RP11-366L20.2	CDA	0.264583694	2.06E-08
RP11-366L20.2	CCND2	0.44498393	0
RP11-366L20.2	LCN6	0.412603378	1.79E-19
RP11-366L20.2	CDH4	0.42285138	0
RP11-366L20.2	MMP11	0.163996346	0.000570044
RP11-366L20.2	B3GAT1	0.511320731	0
RP11-366L20.2	SPP1	0.17484788	0.000236823
RP11-366L20.2	HLA-DQB1	0.00545307	0.909257683
RP11-366L20.2	SDC3	0.277691714	3.79E-09
RP11-366L20.2	CX3CL1	0.10465396	0.028382087
RP11-366L20.2	SDK1	0.293018209	4.67E-10
RP11-366L20.2	DOCK9	0.525386861	0
RP11-366L20.2	CSF2	0.228850942	1.26E-06
RP11-366L20.2	GRHL3	0.270732333	9.42E-09
RP11-366L20.2	TMEM92	0.231781628	9.13E-07
RP11-366L20.2	BASP1	0.246848095	1.78E-07
RP11-366L20.2	HRH1	0.224542362	2.14E-06
RP11-366L20.2	ESM1	0.218703211	3.95E-06
RP11-366L20.2	B4GALNT3	0.33035655	1.65E-12
RP11-366L20.2	LMO3	0.430206486	0
RP11-366L20.2	C9orf16	0.200271193	2.46E-05
RP11-366L20.2	SEMA3F	0.369093264	1.33E-15
RP11-366L20.2	PLA2G12B	0.596316768	1.28E-43
RP11-366L20.2	KLK6	0.432725687	1.85E-21
RP11-366L20.2	ST3GAL5	0.427183654	0
RP11-366L20.2	FAM132B	0.457963304	0
RP11-366L20.2	CDKN1A	0.036059396	0.450927682
RP11-366L20.2	E2F1	0.293210966	4.55E-10
RP11-366L20.2	B3GNT8	0.31029695	3.79E-11
RP11-366L20.2	MTMR11	0.362040412	5.91E-15
RP11-366L20.2	MYO1G	0.039673406	0.406839495
RP11-366L20.2	TMSB10	0.142409444	0.002807071
RP11-366L20.2	UNC5CL	0.262793142	2.58E-08
RP11-366L20.2	ABR	0.18904762	6.93E-05
RP11-366L20.2	PLP2	0.158657738	0.000861616
RP11-366L20.2	SRCIN1	0.5425249	0
RP11-366L20.2	PDE9A	0.331259344	1.42E-12
RP11-366L20.2	TREM2	0.135462261	0.004493262
RP11-366L20.2	KDELR3	0.138618563	0.003637831
RP11-366L20.2	PC	0.460443042	0
RP11-366L20.2	C2CD4A	0.277939645	3.67E-09
RP11-366L20.2	PELI1	0.171284647	0.000317825
RP11-366L20.2	SSX1	0.307246743	5.97E-11
RP11-366L20.2	MROH6	0.345243208	1.34E-13
RP11-366L20.2	ESPN	0.457396239	0
RP11-366L20.2	BMP1	0.433806171	0
RP11-366L20.2	TM4SF4	0.286510357	9.68E-10
RP11-366L20.2	CORO2A	0.439852262	0
RP11-366L20.2	CD164L2	0.381701889	1.13E-16

RP11-366L20.2	CTSS	0.13404233	0.004934311
RP11-366L20.2	CLU	0.296658743	2.79E-10
RP11-366L20.2	TMSB4X	0.092113146	0.053806991
RP11-366L20.2	WNT10A	0.339409601	2.69E-13
RP11-366L20.2	NAPSA	0.110994931	0.020051382
RP11-366L20.2	PLEKHA4	0.566982727	0
RP11-366L20.2	SFTPA1	0.103850051	0.029586534
RP11-366L20.2	C1orf116	0.34905111	6.82E-14
RP11-366L20.2	TM4SF1	0.107325179	0.024566199
RP11-366L20.2	SEL1L3	0.276240862	4.59E-09
RP11-366L20.2	VASN	0.370640707	9.36E-16
RP11-366L20.2	NPTXR	0.381028575	3.49E-17
RP11-366L20.2	PDE4C	0.371056573	8.49E-16
RP11-366L20.2	CDC42EP1	0.267367815	1.45E-08
RP11-366L20.2	ENDOD1	0.439404624	0
RP11-366L20.2	RYR1	0.392653546	0
RP11-366L20.2	IL1RAP	0.345387882	1.31E-13
RP11-366L20.2	SLC35F2	0.469983663	1.66E-25
RP11-366L20.2	ISYNA1	0.400450475	0
RP11-366L20.2	HLA-G	0.12543622	0.008546998
RP11-366L20.2	CDKN2B	0.174958087	0.000234657
RP11-366L20.2	ALDH1A3	0.10067245	0.035010085
RP11-366L20.2	CLIP3	0.357000372	1.58E-14
RP11-366L20.2	ULBP2	0.31695748	1.37E-11
RP11-366L20.2	ETHE1	0.265125228	1.93E-08
RP11-366L20.2	XPR1	0.180786884	0.00014322
RP11-366L20.2	SPTBN2	0.396292661	0
RP11-366L20.2	IVL	0.149780801	0.0016491
RP11-366L20.2	MARCO	0.09023196	0.058907824
RP11-366L20.2	PLXND1	0.357147457	1.53E-14
RP11-366L20.2	EMILIN2	0.245869703	1.99E-07
RP11-366L20.2	PLAUR	0.037864699	0.428575447
RP11-366L20.2	CDC42EP5	0.309295296	4.40E-11
RP11-366L20.2	TRPC5	0.578379073	1.49E-40
RP11-366L20.2	TMEM100	0.131817331	0.005704326
RP11-366L20.2	QSOX1	0.295604042	3.24E-10
RP11-366L20.2	ARHGAP23	0.386069182	0
RP11-366L20.2	MDF1	0.157748279	0.000923287
RP11-366L20.2	FSTL3	0.290581163	6.57E-10
RP11-366L20.2	INF2	0.494254461	0
RP11-366L20.2	TGFBR1	0.556747192	0
RP11-366L20.2	TGFBI	0.148322918	0.001850532
RP11-366L20.2	ERBB3	0.434477628	0
RP11-366L20.2	CCL18	0.082509638	0.084206392
RP11-366L20.2	CCL17	0.049161886	0.304071847
RP11-366L20.2	C16orf45	0.445574256	0
RP11-366L20.2	PRDM1	0.420096903	0
RP11-366L20.2	TRIM47	0.20810273	1.15E-05
RP11-366L20.2	CNFN	0.281313525	2.34E-09
RP11-366L20.2	ARMCX3	0.645035842	0
RP11-366L20.2	RAMP1	0.36245869	5.44E-15

RP11-366L20.2	GABRD	0.386434555	0
RP11-366L20.2	COL13A1	0.477762916	0
RP11-366L20.2	S100A5	0.384953066	0
RP11-366L20.2	MISP	0.140622722	0.003174316
RP11-366L20.2	HES6	0.452616753	0
RP11-366L20.2	PSD3	0.430361656	0
RP11-366L20.2	DOK7	0.410111853	0
RP11-366L20.2	ZMAT3	0.289786734	7.34E-10
RP11-366L20.2	MFAP2	0.344998255	1.40E-13
RP11-366L20.2	TMEM79	0.42306754	0
RP11-366L20.2	SLC1A5	0.249127418	1.36E-07
RP11-366L20.2	BBC3	0.298589572	2.12E-10
RP11-366L20.2	HLA-DQB2	0.030370167	0.525504917
RP11-366L20.2	C1QL1	0.542776235	0
RP11-366L20.2	TMEM215	0.436752234	7.13E-22
RP11-366L20.2	PNP	0.29910983	1.96E-10
RP11-366L20.2	ARNTL	0.415482799	0
RP11-366L20.2	CLDN2	0.442752422	1.68E-22
RP11-366L20.2	MVP	0.143861714	0.002537556
RP11-366L20.2	LGALS1	0.046049552	0.335609168
RP11-366L20.2	BIRC7	0.388575578	2.84E-17
RP11-366L20.2	COL8A1	0.367331646	1.97E-15
RP11-366L20.2	PERP	0.325971939	3.34E-12
RP11-366L20.2	GJA4	0.446322872	0
RP11-366L20.2	IGFL2	0.211183444	8.10E-06
RP11-366L20.2	DAPK2	0.605832343	0
RP11-366L20.2	MAMLD1	0.430662493	0
RP11-366L20.2	ETV5	0.447456151	0
RP11-366L20.2	RUNX1	0.191017454	5.80E-05
RP11-366L20.2	LONRF2	0.555620296	0
RP11-366L20.2	SPOCK1	0.312273025	2.81E-11
RP11-366L20.2	XKRX	0.419018941	0
RP11-366L20.2	TGFB1	0.178711665	0.000171043
RP11-366L20.2	ERP27	0.393827674	0
RP11-366L20.2	TNFRSF10C	0.251688146	1.00E-07
RP11-366L20.2	PALM	0.450154461	0
RP11-366L20.2	TSC22D1	0.475820315	0
RP11-366L20.2	TGM2	0.059444225	0.213761477
RP11-366L20.2	UBE2QL1	0.617003577	0
RP11-366L20.2	ECE1	0.349244008	6.59E-14
RP11-366L20.2	COL8A2	0.197091204	3.32E-05
RP11-366L20.2	HIST3H2A	0.326224551	3.21E-12
RP11-366L20.2	TNFRSF21	0.17833069	0.000176672
RP11-366L20.2	SOX4	0.290047572	7.08E-10
RP11-366L20.2	ELF3	0.238828482	4.47E-07
RP11-366L20.2	TPD52L1	0.615539251	0
RP11-366L20.2	INHBB	0.496876321	0
RP11-366L20.2	HPN	0.434806974	0
RP11-366L20.2	MMP7	0.132082261	0.005576554
RP11-366L20.2	RAB27A	0.464880559	0
RP11-366L20.2	IGF2BP2	0.581272109	0

RP11-366L20.2	ITGB4	0.151908844	0.001426867
RP11-366L20.2	PPP1R1B	0.43913868	0
RP11-366L20.2	NPDC1	0.370897006	8.81E-16
RP11-366L20.2	CCL13	0.10082184	0.034702493
RP11-366L20.2	SPINT1	0.295036268	3.51E-10
RP11-366L20.2	HEY2	0.570659713	0
RP11-366L20.2	CST2	0.158247091	0.000877298
RP11-366L20.2	ADM	0.38591302	0
RP11-366L20.2	VSTM2L	0.08169606	0.087318772
RP11-366L20.2	FAM84A	0.23569998	6.36E-07
RP11-366L20.2	P4HA2	0.370558867	9.54E-16
RP11-366L20.2	LPL	0.299599594	1.83E-10
RP11-366L20.2	TMEM173	0.142451144	0.002798982
RP11-366L20.2	DHRS3	0.566510977	0
RP11-366L20.2	SCN1B	0.236273002	5.96E-07
RP11-366L20.2	GLT1D1	0.467635745	0
RP11-366L20.2	PHYHIP	0.307067035	6.13E-11
RP11-366L20.2	BHLHE40	0.217761129	4.36E-06
RP11-366L20.2	BID	0.469447998	0
RP11-366L20.2	POSTN	0.029857709	0.532518445
RP11-366L20.2	ITGA3	0.290040197	7.08E-10
RP11-366L20.2	RSPO4	0.421039553	0
RP11-366L20.2	ADAMTS9	0.523225405	0
RP11-366L20.2	ABTB2	0.352277904	3.81E-14
RP11-366L20.2	KCNQ3	0.35129242	4.55E-14
RP11-366L20.2	ANXA1	0.482928625	0
RP11-366L20.2	S100A11	0.14584091	0.002208214
RP11-366L20.2	CEACAM6	0.164258309	0.000549725
RP11-366L20.2	IER5L	0.373033783	5.24E-16
RP11-366L20.2	KRT80	0.309510321	4.26E-11
RP11-366L20.2	CDH6	0.10958507	0.021692418
RP11-366L20.2	UNC5B	0.272695501	7.30E-09
RP11-366L20.2	PLEKHN1	0.374379959	3.70E-16
RP11-366L20.2	SYTL1	0.22158747	2.93E-06
RP11-366L20.2	TMEM163	0.245632267	2.05E-07
RP11-366L20.2	C4orf48	0.141675011	0.00295307
RP11-366L20.2	B3GNT7	0.428916336	0
RP11-366L20.2	BAIAP3	0.5431287	0
RP11-366L20.2	PHLDA2	0.167933603	0.000416976
RP11-366L20.2	GAP43	0.30536161	6.29E-11
RP11-366L20.2	S100A1	0.305203011	8.08E-11
RP11-366L20.2	PTPRE	0.412295152	0
RP11-366L20.2	CCND1	0.336792126	5.69E-13
RP11-366L20.2	ST6GALNAC5	0.230222961	1.08E-06
RP11-366L20.2	KRT17	0.109017579	0.022385164
RP11-366L20.2	HPCAL4	0.561353495	0
RP11-366L20.2	GABBR2	0.38512242	0
RP11-366L20.2	DIRAS3	0.490167708	0
RP11-366L20.2	SERINC2	0.318631584	1.06E-11
RP11-366L20.2	PTCHD4	0.245947997	1.97E-07
RP11-366L20.2	EPS8	0.548767861	0

RP11-366L20.2	LY6E	0.313887699	2.20E-11
RP11-366L20.2	UPP1	0.252147272	9.49E-08
RP11-366L20.2	AHNAK2	0.266051283	1.71E-08
RP11-366L20.2	PLXNC1	0.511778155	0
RP11-366L20.2	TNC	0.046776042	0.328034597
RP11-366L20.2	DUSP4	0.250062834	1.22E-07
RP11-366L20.2	NRCAM	0.563999325	0
RP11-366L20.2	NRP2	0.37177356	7.15E-16
RP11-366L20.2	CTSC	0.227337263	1.59E-06
RP11-366L20.2	AMIGO2	0.379967916	5.91E-17
RP11-366L20.2	NAB2	0.558551928	0
RP11-366L20.2	TBC1D2	0.310105045	3.90E-11
RP11-366L20.2	PHLDA3	0.231636488	9.96E-07
RP11-366L20.2	PTP4A3	0.295851264	3.13E-10
RP11-366L20.2	CRABP2	0.315816542	1.64E-11
RP11-366L20.2	GOS2	0.219144325	3.78E-06
RP11-366L20.2	S100A6	0.216541897	4.94E-06
RP11-366L20.2	FOXQ1	0.312263664	2.82E-11
RP11-366L20.2	LRG1	0.364714184	3.43E-15
RP11-366L20.2	LAMP5	0.166648842	0.000462114
RP11-366L20.2	ALDH3B1	0.318101397	1.15E-11
RP11-366L20.2	CDH2	0.297864926	2.35E-10
RP11-366L20.2	SCG5	0.411037198	0
RP11-366L20.2	ZCCHC16	0.61757908	1.63E-47
RP11-366L20.2	GRB7	0.474619096	0
RP11-366L20.2	TIAM1	0.334517342	8.31E-13
RP11-366L20.2	FXYD5	0.136013582	0.004331846
RP11-366L20.2	CLDN9	0.427473143	0
RP11-366L20.2	FAM43A	0.567353206	0
RP11-366L20.2	CHST2	0.402959148	0
RP11-366L20.2	HMGA2	0.320382563	8.08E-12
RP11-366L20.2	GALNT7	0.53243489	0
RP11-366L20.2	CBLN1	0.241783091	3.19E-07
RP11-366L20.2	STRA6	0.318810157	1.03E-11
RP11-366L20.2	MUC21	0.318873042	7.84E-12
RP11-366L20.2	PRR36	0.451381777	0
RP11-366L20.2	NFE2L3	0.090642437	0.057761935
RP11-366L20.2	NR1D1	0.323817149	4.70E-12
RP11-366L20.2	MUC1	0.135164545	0.00458267
RP11-366L20.2	NAT8L	0.465568895	0
RP11-366L20.2	APOC1	0.262465924	2.69E-08
RP11-366L20.2	EVA1A	0.238838552	4.47E-07
RP11-366L20.2	ENTPD1	0.522446861	0
RP11-366L20.2	COL1A1	0.024751289	0.604883644
RP11-366L20.2	FNDC4	0.156866194	0.000986975
RP11-366L20.2	FRMD3	0.607854231	0
RP11-366L20.2	SHROOM4	0.507225325	0
RP11-366L20.2	NELL2	0.474133446	0
RP11-366L20.2	EPHB3	0.319048159	9.94E-12
RP11-366L20.2	TMC6	0.305536329	7.69E-11
RP11-366L20.2	NOD1	0.614433914	0

RP11-366L20.2	GGCT	0.560168162	0
RP11-366L20.2	ICAM1	0.297186235	2.59E-10
RP11-366L20.2	PRSS23	0.223680702	2.35E-06
RP11-366L20.2	CFI	0.279709915	2.90E-09
RP11-366L20.2	CD55	0.266386018	1.64E-08
RP11-366L20.2	RASD2	0.444386086	0
RP11-366L20.2	KLK11	0.478241265	1.80E-26
RP11-366L20.2	ICAM5	0.543813915	0
RP11-366L20.2	ADORA1	0.317691771	1.23E-11
RP11-366L20.2	ITGA2	0.27545012	5.09E-09
RP11-366L20.2	ABCC3	0.502503851	0
RP11-366L20.2	MFGE8	0.319527569	9.23E-12
RP11-366L20.2	STK32A	0.384715205	0
RP11-366L20.2	CYSLTR2	0.439291438	0
RP11-366L20.2	LAD1	0.419820037	0
RP11-366L20.2	MGAT3	0.298819631	2.05E-10
RP11-366L20.2	IGFBP6	0.283929853	1.64E-09
RP11-366L20.2	CYP2S1	0.25110789	1.07E-07
RP11-366L20.2	KCNJ2	0.380340948	4.98E-17
RP11-366L20.2	FAM20A	0.166244607	0.000477231
RP11-366L20.2	TGFA	0.49931592	0
RP11-366L20.2	MXRA8	0.352871918	3.41E-14
RP11-366L20.2	C8orf4	0.051416953	0.282278763
RP11-366L20.2	CLDN10	0.238259482	4.40E-07
RP11-366L20.2	PDE5A	0.57689232	0
RP11-366L20.2	APOE	0.346212807	1.13E-13
RP11-366L20.2	SPOCK2	0.215851718	5.30E-06
RP11-366L20.2	TENM1	0.574578956	0
RP11-366L20.2	SLIT1	0.288389071	8.91E-10
RP11-366L20.2	CXCL14	0.114918855	0.016040067
RP11-366L20.2	ECM1	0.162637121	0.000634016
RP11-366L20.2	DUSP5	0.267070241	1.51E-08
RP11-366L20.2	SEZ6L2	0.318938519	1.01E-11
RP11-366L20.2	THRSP	0.482042001	0
RP11-366L20.2	C19orf33	0.197728195	3.13E-05
RP11-366L20.2	MPZL2	0.35895744	1.08E-14
RP11-366L20.2	CTSH	0.491488354	0
RP11-366L20.2	CYP1B1	0.421413719	0
RP11-366L20.2	ALOX5	0.094277297	0.048399269
RP11-366L20.2	SYTL5	0.410770701	2.67E-19
RP11-366L20.2	TNFRSF12A	0.382777001	7.53E-18
RP11-366L20.2	DUSP6	0.3927195	0
RP11-366L20.2	ALOX15B	0.237668963	5.10E-07
RP11-366L20.2	SDC4	0.461840422	0
RP11-366L20.2	MDK	0.35071727	5.06E-14
RP11-366L20.2	KRT19	0.193800725	4.50E-05
RP11-366L20.2	MET	0.402453357	0
RP11-366L20.2	TESC	0.466727562	0
RP11-366L20.2	CXCL17	0.346528832	7.86E-14
RP11-366L20.2	NPC2	0.499812775	0
RP11-366L20.2	COMP	0.169589268	0.000364853

RP11-366L20.2	TUSC3	0.381492807	2.63E-17
RP11-366L20.2	TMPRSS4	0.242457527	2.96E-07
RP11-366L20.2	LGALS3	0.371238976	8.13E-16
RP11-366L20.2	CRLF1	0.132107671	0.005598062
RP11-366L20.2	CTXN1	0.332857422	1.09E-12
RP11-366L20.2	PCSK1N	0.107446591	0.024403834
RP11-366L20.2	NMU	0.363263384	3.85E-15
RP11-366L20.2	GALE	0.433596819	0
RP11-366L20.2	PCSK2	0.158924818	0.000844242
RP11-366L20.2	GJB3	0.515206359	0
RP11-366L20.2	SLPI	0.026022149	0.586467148
RP11-366L20.2	AGR2	0.261386543	3.08E-08
RP11-366L20.2	MRC2	0.20709441	1.27E-05
RP11-366L20.2	GOLT1A	0.472480192	0
RP11-366L20.2	SLC27A6	0.345594622	9.25E-14
RP11-366L20.2	KCNN4	0.120130802	0.011808823
RP11-366L20.2	ETV4	0.47540943	3.88E-26
RP11-366L20.2	SYT12	0.414443842	0
RP11-366L20.2	PVRL4	0.415124093	0
RP11-366L20.2	PLCD3	0.51990599	0
RP11-366L20.2	PLAU	0.127737528	0.00740175
RP11-366L20.2	LRRK2	0.440377485	0
RP11-366L20.2	SFN	0.175767835	0.0002193
RP11-366L20.2	LPAR5	0.527311307	0
RP11-366L20.2	NGEF	0.395705881	0
RP11-366L20.2	DTX4	0.579308941	0
RP11-366L20.2	CST6	0.378028152	1.25E-16
RP11-366L20.2	QPCT	0.463441479	0
RP11-366L20.2	TIMP1	0.360732816	7.67E-15
RP11-366L20.2	CAMK2N1	0.383750855	0
RP11-366L20.2	KLHDC8A	0.263892096	2.25E-08
RP11-366L20.2	PDLIM4	0.372588556	5.86E-16
RP11-366L20.2	SCEL	0.306711308	6.47E-11
RP11-366L20.2	LCN2	0.233879217	7.78E-07
RP11-366L20.2	PROS1	0.464443133	0
RP11-366L20.2	GABRB2	0.511040035	0
RP11-366L20.2	TMPRSS6	0.371983053	6.80E-16
RP11-366L20.2	KLK7	0.479173303	1.39E-26
RP11-366L20.2	PDZK1IP1	0.154627153	0.001167295
RP11-366L20.2	CDH3	0.407163201	0
RP11-366L20.2	LRP4	0.495862753	0
RP11-366L20.2	IGSF1	0.325319488	3.71E-12
RP11-366L20.2	B3GNT3	0.20569703	1.46E-05
RP11-366L20.2	CLDN1	0.23350732	8.11E-07
RP11-366L20.2	GDF15	0.344872588	1.43E-13
RP11-366L20.2	ARHGAP36	0.318679604	8.08E-12
RP11-366L20.2	LAMB3	0.176363409	0.000208612
RP11-366L20.2	KLK10	0.511826096	0
RP11-366L20.2	DPP4	0.341903086	2.39E-13
RP11-366L20.2	METTL7B	0.54772862	0
RP11-366L20.2	LIPH	0.360499919	8.03E-15

RP11-366L20.2	CLDN16	0.3546663	2.45E-14
RP11-366L20.2	CHI3L1	0.337709245	4.87E-13
RP11-366L20.2	SLC22A31	0.321820693	4.91E-12
RP11-366L20.2	TACSTD2	0.42485639	0
RP11-366L20.2	SFTPB	0.193339045	4.70E-05
RP11-366L20.2	RXRG	0.554840334	0
RP11-366L20.2	DCSTAMP	0.497945256	6.94E-29
RP11-366L20.2	CITED1	0.546517615	0
RP11-366L20.2	SERPINA1	0.345125909	1.37E-13
RP11-366L20.2	PRR15	0.475281618	0
RP11-366L20.2	SLC34A2	0.40169155	0
RP11-366L20.2	FN1	0.256765915	5.43E-08
RP11-366L20.2	ZCCHC12	0.471395706	0
XXbac-B33L19.12	TFF3	-0.226952056	1.55E-06
XXbac-B33L19.12	CCL21	-0.195126452	3.85E-05
XXbac-B33L19.12	TPO	-0.260371957	3.10E-08
XXbac-B33L19.12	MT1G	-0.306291583	5.47E-11
XXbac-B33L19.12	DIO1	-0.338475911	3.15E-13
XXbac-B33L19.12	DPT	-0.250684954	1.02E-07
XXbac-B33L19.12	CDH16	-0.306912561	4.98E-11
XXbac-B33L19.12	CRABP1	-0.157864672	0.000903286
XXbac-B33L19.12	SLC26A7	-0.216879637	4.52E-06
XXbac-B33L19.12	MT1H	-0.312620443	2.08E-11
XXbac-B33L19.12	SLC26A4	-0.209586227	9.51E-06
XXbac-B33L19.12	SLC5A8	-0.350779052	3.72E-14
XXbac-B33L19.12	PKHD1L1	-0.301691243	1.09E-10
XXbac-B33L19.12	TFCP2L1	-0.356528264	1.32E-14
XXbac-B33L19.12	WSCD2	-0.219757398	3.35E-06
XXbac-B33L19.12	IPCEF1	-0.294094473	3.30E-10
XXbac-B33L19.12	SLC5A5	-0.233986125	7.14E-07
XXbac-B33L19.12	MT1F	-0.3029238	9.06E-11
XXbac-B33L19.12	FOSB	-0.030827171	0.519437624
XXbac-B33L19.12	SEMA3D	-0.243481766	2.41E-07
XXbac-B33L19.12	BMP8A	-0.229603522	1.16E-06
XXbac-B33L19.12	MATN2	-0.301970414	1.04E-10
XXbac-B33L19.12	PLA2R1	-0.280809764	2.13E-09
XXbac-B33L19.12	COL23A1	-0.250542282	1.04E-07
XXbac-B33L19.12	HGD	-0.297506662	2.01E-10
XXbac-B33L19.12	TCEAL2	-0.248955432	1.26E-07
XXbac-B33L19.12	CHRD1	-0.140819511	0.003108181
XXbac-B33L19.12	TNFRSF11B	-0.27454621	4.95E-09
XXbac-B33L19.12	FAM167A	-0.229073058	1.23E-06
XXbac-B33L19.12	KIT	-0.235511116	6.01E-07
XXbac-B33L19.12	SLC4A4	-0.304957125	6.69E-11
XXbac-B33L19.12	SMOC2	-0.158431201	0.000865035
XXbac-B33L19.12	FHL1	-0.251404303	9.37E-08
XXbac-B33L19.12	OTOS	-0.322202362	4.61E-12
XXbac-B33L19.12	IGFBPL1	-0.340510419	2.23E-13
XXbac-B33L19.12	HBB	-0.080321146	0.092795293
XXbac-B33L19.12	BEX1	-0.120620471	0.01142854
XXbac-B33L19.12	FABP4	-0.170425457	0.000334628

XXbac-B33L19.12	LMOD1	-0.157493278	0.000929203
XXbac-B33L19.12	SOD3	-0.327521325	1.95E-12
XXbac-B33L19.12	TMEM171	-0.32952585	1.41E-12
XXbac-B33L19.12	PI16	-0.103129936	0.03074057
XXbac-B33L19.12	ZMAT4	-0.324065407	3.42E-12
XXbac-B33L19.12	MFAP4	-0.049546753	0.300297222
XXbac-B33L19.12	CWH43	-0.339914871	2.46E-13
XXbac-B33L19.12	SPX	-0.244360164	2.17E-07
XXbac-B33L19.12	APOD	-0.073587	0.123679644
XXbac-B33L19.12	DPP6	-0.276104969	4.02E-09
XXbac-B33L19.12	MMRN1	-0.257507682	4.44E-08
XXbac-B33L19.12	WDR72	-0.272341361	6.64E-09
XXbac-B33L19.12	MPPED2	-0.227871961	1.40E-06
XXbac-B33L19.12	PAPSS2	-0.272176788	6.78E-09
XXbac-B33L19.12	DCN	-0.172066904	0.000292365
XXbac-B33L19.12	SORBS2	-0.299798053	1.44E-10
XXbac-B33L19.12	EGR2	0.012487666	0.794162023
XXbac-B33L19.12	EDN3	-0.080213269	0.093236163
XXbac-B33L19.12	DIO2	-0.249116742	1.23E-07
XXbac-B33L19.12	ITPR1	-0.258614292	3.87E-08
XXbac-B33L19.12	CFD	-0.193155625	4.62E-05
XXbac-B33L19.12	CPXM1	-0.153997101	0.001209094
XXbac-B33L19.12	ELMO1	-0.271400601	7.51E-09
XXbac-B33L19.12	GPC3	-0.206584768	1.28E-05
XXbac-B33L19.12	MYOC	0.03053046	0.523467757
XXbac-B33L19.12	DEPTOR	-0.311405255	2.51E-11
XXbac-B33L19.12	DGKI	-0.223911433	2.15E-06
XXbac-B33L19.12	CARTPT	-0.198645641	2.76E-05
XXbac-B33L19.12	IYD	-0.277957264	3.13E-09
XXbac-B33L19.12	LYVE1	-0.187864895	7.49E-05
XXbac-B33L19.12	CLCNKB	-0.198648666	2.76E-05
XXbac-B33L19.12	NCAM1	-0.41345043	1.48E-19
XXbac-B33L19.12	HBA2	-0.039165759	0.413021377
XXbac-B33L19.12	GLT8D2	-0.194255992	4.17E-05
XXbac-B33L19.12	OGDHL	-0.402321907	1.65E-18
XXbac-B33L19.12	LIFR	-0.266319275	1.46E-08
XXbac-B33L19.12	CSGALNACT1	-0.298229221	1.81E-10
XXbac-B33L19.12	RAP1GAP	-0.338521736	3.12E-13
XXbac-B33L19.12	COL9A3	-0.146522519	0.002084913
XXbac-B33L19.12	FBLN1	-0.167460428	0.000425735
XXbac-B33L19.12	EFEMP1	-0.248828172	1.28E-07
XXbac-B33L19.12	AOX1	-0.324650323	3.11E-12
XXbac-B33L19.12	GRIN2C	-0.277328908	3.41E-09
XXbac-B33L19.12	C11orf74	-0.276127669	4.01E-09
XXbac-B33L19.12	PPARGC1A	-0.40828696	4.58E-19
XXbac-B33L19.12	ANGPTL1	-0.173889689	0.000251298
XXbac-B33L19.12	SCARA5	-0.181575804	0.000130542
XXbac-B33L19.12	LTF	-0.298186659	1.82E-10
XXbac-B33L19.12	CA4	-0.093979086	0.049088348
XXbac-B33L19.12	TG	-0.128340494	0.007091676
XXbac-B33L19.12	FCGBP	-0.238798456	4.14E-07

XXbac-B33L19.12	PBX4	-0.205072677	1.49E-05
XXbac-B33L19.12	CYR61	-0.054995245	0.25020012
XXbac-B33L19.12	FOS	-0.095032531	0.046592989
XXbac-B33L19.12	KHDRBS2	-0.153024135	0.001299767
XXbac-B33L19.12	MUM1L1	-0.321601104	5.08E-12
XXbac-B33L19.12	RGS16	-0.268201363	1.14E-08
XXbac-B33L19.12	MT1M	-0.249629045	1.16E-07
XXbac-B33L19.12	LRP2	-0.227909558	1.40E-06
XXbac-B33L19.12	MAFB	-0.301345321	1.15E-10
XXbac-B33L19.12	KCNK2	-0.233902701	7.21E-07
XXbac-B33L19.12	TBC1D4	-0.248030136	1.41E-07
XXbac-B33L19.12	MIOX	-0.198846444	2.71E-05
XXbac-B33L19.12	TPPP	-0.244418616	2.16E-07
XXbac-B33L19.12	FMOD	-0.347077675	7.14E-14
XXbac-B33L19.12	CITED2	-0.224476513	2.03E-06
XXbac-B33L19.12	RGS8	-0.235097405	6.30E-07
XXbac-B33L19.12	ABI3BP	-0.259496033	3.46E-08
XXbac-B33L19.12	ADH1B	-0.216908017	4.51E-06
XXbac-B33L19.12	OGN	-0.18485423	9.79E-05
XXbac-B33L19.12	NR4A1	-0.001734966	0.971084652
XXbac-B33L19.12	FOXJ1	-0.122994231	0.009895248
XXbac-B33L19.12	ALDH1A1	-0.286974432	9.07E-10
XXbac-B33L19.12	OCA2	-0.21790539	4.06E-06
XXbac-B33L19.12	TMEM139	-0.232563845	8.37E-07
XXbac-B33L19.12	ARHGAP24	-0.337907	3.47E-13
XXbac-B33L19.12	SLC25A15	-0.323581652	3.70E-12
XXbac-B33L19.12	DES	-0.133113108	0.005213795
XXbac-B33L19.12	GDF10	-0.198496392	2.80E-05
XXbac-B33L19.12	KIAA1324	-0.286480146	9.72E-10
XXbac-B33L19.12	JUN	-0.079337115	0.09687915
XXbac-B33L19.12	C7	-0.158943505	0.000831739
XXbac-B33L19.12	LGI3	-0.271500054	7.41E-09
XXbac-B33L19.12	CDON	-0.276676292	3.72E-09
XXbac-B33L19.12	BCL2	-0.339566489	2.62E-13
XXbac-B33L19.12	HLF	-0.20864802	1.04E-05
XXbac-B33L19.12	EGR1	-0.055711421	0.24407539
XXbac-B33L19.12	IP6K3	-0.272490328	6.51E-09
XXbac-B33L19.12	SCUBE3	-0.231199594	9.74E-07
XXbac-B33L19.12	PKNOX2	-0.149406514	0.001694526
XXbac-B33L19.12	SMAD9	-0.31920572	7.44E-12
XXbac-B33L19.12	IQGAP2	-0.3208706	5.71E-12
XXbac-B33L19.12	GNA14	-0.226692996	1.60E-06
XXbac-B33L19.12	LAYN	-0.160722451	0.000725105
XXbac-B33L19.12	AVPR1A	-0.187236823	7.92E-05
XXbac-B33L19.12	PDLIM3	-0.333849289	6.87E-13
XXbac-B33L19.12	GPM6A	-0.22610096	1.70E-06
XXbac-B33L19.12	SDPR	-0.025671078	0.591665755
XXbac-B33L19.12	CRYAB	-0.333843756	6.87E-13
XXbac-B33L19.12	FOXA2	-0.148965301	0.001749547
XXbac-B33L19.12	C8orf88	-0.190556794	5.87E-05
XXbac-B33L19.12	ISM1	-0.228858263	1.26E-06

XXbac-B33L19.12	BMP2	-0.154369092	0.001175993
XXbac-B33L19.12	ID4	-0.257908189	4.22E-08
XXbac-B33L19.12	NUPR1	-0.431612309	2.40E-21
XXbac-B33L19.12	SERTM1	-0.412110413	1.99E-19
XXbac-B33L19.12	IRS1	-0.215385997	5.28E-06
XXbac-B33L19.12	FIBIN	-0.315460271	1.34E-11
XXbac-B33L19.12	PODN	-0.168150215	0.000402684
XXbac-B33L19.12	TDRD9	-0.331436596	1.03E-12
XXbac-B33L19.12	EPHA3	-0.214719052	5.65E-06
XXbac-B33L19.12	AIF1L	-0.164893803	0.000522726
XXbac-B33L19.12	EBF4	-0.211179319	8.10E-06
XXbac-B33L19.12	ADM2	-0.329196278	1.48E-12
XXbac-B33L19.12	GSTM3	-0.210229196	8.91E-06
XXbac-B33L19.12	HSD17B6	-0.105256471	0.027439427
XXbac-B33L19.12	AGR3	-0.13358648	0.005054447
XXbac-B33L19.12	EPHB1	-0.296494965	2.33E-10
XXbac-B33L19.12	TMOD1	-0.28458004	1.27E-09
XXbac-B33L19.12	WASF3	-0.258963016	3.70E-08
XXbac-B33L19.12	SELV	-0.287840981	8.03E-10
XXbac-B33L19.12	ENPP1	-0.246700502	1.65E-07
XXbac-B33L19.12	SYNE1	-0.262844601	2.27E-08
XXbac-B33L19.12	PLCH1	-0.279121332	2.68E-09
XXbac-B33L19.12	CCDC146	-0.213095457	6.67E-06
XXbac-B33L19.12	SLC16A2	-0.180302493	0.000145775
XXbac-B33L19.12	IER2	-0.140554061	0.003165403
XXbac-B33L19.12	KCNAB1	-0.060471971	0.206024221
XXbac-B33L19.12	SYNDIG1	-0.292012628	4.45E-10
XXbac-B33L19.12	C16orf89	-0.159819145	0.00077756
XXbac-B33L19.12	CTGF	0.036804282	0.441776141
XXbac-B33L19.12	NR4A3	-0.032508224	0.496909437
XXbac-B33L19.12	KIAA1456	-0.285310828	1.14E-09
XXbac-B33L19.12	AQP4	-0.165720639	0.00048944
XXbac-B33L19.12	RNF150	-0.289376484	6.47E-10
XXbac-B33L19.12	C1S	-0.206379612	1.31E-05
XXbac-B33L19.12	PFKFB2	-0.365456619	2.56E-15
XXbac-B33L19.12	PROX1	-0.180943192	0.000137913
XXbac-B33L19.12	TCF7L1	-0.195034591	3.88E-05
XXbac-B33L19.12	HSPB6	-0.093703464	0.049759374
XXbac-B33L19.12	FHDC1	-0.199537075	2.54E-05
XXbac-B33L19.12	PRR15L	-0.339136472	2.81E-13
XXbac-B33L19.12	SLC1A1	-0.319201747	7.44E-12
XXbac-B33L19.12	BTBD11	-0.195190368	3.83E-05
XXbac-B33L19.12	TRIM58	-0.313144193	1.92E-11
XXbac-B33L19.12	LRIG1	-0.285527326	1.11E-09
XXbac-B33L19.12	ROR2	-0.2246618	1.99E-06
XXbac-B33L19.12	GPR125	-0.272356825	6.62E-09
XXbac-B33L19.12	FLRT1	-0.238394402	4.33E-07
XXbac-B33L19.12	PGF	-0.133455727	0.005098017
XXbac-B33L19.12	DUSP1	-0.052778621	0.269831247
XXbac-B33L19.12	PLA2G7	-0.237535077	4.78E-07
XXbac-B33L19.12	PLSCR4	-0.264019088	1.95E-08

XXbac-B33L19.12	FAM46B	-0.300432793	1.31E-10
XXbac-B33L19.12	GLDC	-0.269724229	9.36E-09
XXbac-B33L19.12	ZBTB16	-0.256323326	5.14E-08
XXbac-B33L19.12	OMD	-0.176739605	0.000197739
XXbac-B33L19.12	HSD11B2	-0.12207538	0.010465647
XXbac-B33L19.12	FGL2	-0.217145649	4.40E-06
XXbac-B33L19.12	CLCNKA	-0.308888793	3.69E-11
XXbac-B33L19.12	GATM	-0.2424087	2.73E-07
XXbac-B33L19.12	TNS3	-0.349066877	5.03E-14
XXbac-B33L19.12	TOB1	-0.193216488	4.60E-05
XXbac-B33L19.12	MARC2	-0.292395543	4.21E-10
XXbac-B33L19.12	LRRC2	-0.327819968	1.86E-12
XXbac-B33L19.12	SORD	-0.206844246	1.25E-05
XXbac-B33L19.12	RIMS4	-0.199416483	2.57E-05
XXbac-B33L19.12	SLC29A4	-0.233127507	7.86E-07
XXbac-B33L19.12	SLC39A14	-0.287046503	8.98E-10
XXbac-B33L19.12	FAXDC2	-0.261160771	2.81E-08
XXbac-B33L19.12	HSPB8	-0.340152993	2.37E-13
XXbac-B33L19.12	CCL19	-0.091225737	0.056142745
XXbac-B33L19.12	KCNIP3	-0.206483179	1.29E-05
XXbac-B33L19.12	CGNL1	-0.170270366	0.000338903
XXbac-B33L19.12	ATF3	0.025407478	0.595478573
XXbac-B33L19.12	SGCD	-0.302975017	9.00E-11
XXbac-B33L19.12	STARD13	-0.204295923	1.60E-05
XXbac-B33L19.12	LDHD	-0.320948772	5.64E-12
XXbac-B33L19.12	RCAN1	-0.101880743	0.032833918
XXbac-B33L19.12	ID3	-0.283814777	1.41E-09
XXbac-B33L19.12	SYTL3	-0.269714439	9.37E-09
XXbac-B33L19.12	MT1E	-0.235944822	5.73E-07
XXbac-B33L19.12	CAMK1D	-0.20810791	1.10E-05
XXbac-B33L19.12	PRKCQ	-0.31108292	2.64E-11
XXbac-B33L19.12	NUAK2	-0.323891361	3.52E-12
XXbac-B33L19.12	LIPG	-0.089848064	0.059976748
XXbac-B33L19.12	SLC25A25	-0.191355114	5.45E-05
XXbac-B33L19.12	PRKX	-0.20691646	1.24E-05
XXbac-B33L19.12	SRPX	-0.107331222	0.024517129
XXbac-B33L19.12	FAM189A1	-0.158613366	0.000853057
XXbac-B33L19.12	PLEKHH1	-0.132888802	0.00529087
XXbac-B33L19.12	WNT11	-0.205662018	1.40E-05
XXbac-B33L19.12	SNAI1	-0.188317186	7.19E-05
XXbac-B33L19.12	FDCSP	-0.078759094	0.099344007
XXbac-B33L19.12	MT1X	-0.207909429	1.12E-05
XXbac-B33L19.12	ACACB	-0.342476873	1.59E-13
XXbac-B33L19.12	ARC	0.097912554	0.040308238
XXbac-B33L19.12	KLK4	-0.395455357	6.95E-18
XXbac-B33L19.12	ZFPM2	-0.141851916	0.002894456
XXbac-B33L19.12	AKAP12	-0.067473832	0.158152688
XXbac-B33L19.12	GJB6	-0.170134334	0.000342694
XXbac-B33L19.12	ERO1LB	-0.215357481	5.29E-06
XXbac-B33L19.12	DNALI1	-0.156015671	0.001039263
XXbac-B33L19.12	HKDC1	-0.33499917	5.66E-13

XXbac-B33L19.12	ZFP36L2	-0.265106545	1.70E-08
XXbac-B33L19.12	CAPSL	-0.205805565	1.38E-05
XXbac-B33L19.12	CYP7B1	-0.24227917	2.77E-07
XXbac-B33L19.12	CPQ	-0.105528441	0.027040057
XXbac-B33L19.12	RPS6KA6	-0.251488939	9.28E-08
XXbac-B33L19.12	TLE1	-0.31611232	1.21E-11
XXbac-B33L19.12	TP53INP2	-0.173095342	0.000268483
XXbac-B33L19.12	KATNAL2	-0.262450539	2.39E-08
XXbac-B33L19.12	SGPP2	-0.355816487	1.51E-14
XXbac-B33L19.12	CTH	-0.362916666	4.11E-15
XXbac-B33L19.12	KIF12	-0.161170344	0.000700329
XXbac-B33L19.12	TMEM220	-0.243576457	2.38E-07
XXbac-B33L19.12	CENPJ	-0.222789075	2.43E-06
XXbac-B33L19.12	FAM155B	-0.068682732	0.15081546
XXbac-B33L19.12	WFS1	-0.33764411	3.63E-13
XXbac-B33L19.12	SELENBP1	-0.19410206	4.23E-05
XXbac-B33L19.12	SNTA1	-0.394765748	8.01E-18
XXbac-B33L19.12	FRAS1	-0.279981934	2.38E-09
XXbac-B33L19.12	FBLN7	-0.284737945	1.24E-09
XXbac-B33L19.12	AGPAT9	-0.191587927	5.34E-05
XXbac-B33L19.12	GPR83	-0.156825908	0.000977507
XXbac-B33L19.12	PRTG	-0.186566756	8.41E-05
XXbac-B33L19.12	EGR3	0.095617757	0.045253305
XXbac-B33L19.12	GRAMD2	-0.297509783	2.01E-10
XXbac-B33L19.12	HYOU1	-0.282487554	1.69E-09
XXbac-B33L19.12	FBLN5	-0.090253537	0.058826496
XXbac-B33L19.12	ITM2A	-0.113530082	0.017329761
XXbac-B33L19.12	SRF	-0.083679991	0.07988315
XXbac-B33L19.12	FGFR2	-0.119875496	0.011951284
XXbac-B33L19.12	MT1A	-0.175542233	0.000218788
XXbac-B33L19.12	MAMDC2	-0.084295862	0.077681462
XXbac-B33L19.12	FHL2	-0.346489894	7.91E-14
XXbac-B33L19.12	FTCDNL1	-0.379632008	1.69E-16
XXbac-B33L19.12	PKIA	-0.086978114	0.068660125
XXbac-B33L19.12	DNAJB4	-0.063494151	0.184212002
XXbac-B33L19.12	SLC25A33	-0.337745832	3.56E-13
XXbac-B33L19.12	EYA2	-0.353091531	2.46E-14
XXbac-B33L19.12	LPAR1	-0.336326534	4.53E-13
XXbac-B33L19.12	STX11	-0.253483736	7.28E-08
XXbac-B33L19.12	ARHGEF28	-0.320040643	6.51E-12
XXbac-B33L19.12	OR2W3	-0.275248482	4.51E-09
XXbac-B33L19.12	ALDH1B1	-0.386931461	3.96E-17
XXbac-B33L19.12	CXCL12	-0.148456391	0.00181504
XXbac-B33L19.12	OLFM2	-0.117801454	0.013519527
XXbac-B33L19.12	TUB	-0.17215444	0.000290258
XXbac-B33L19.12	HTRA3	-0.07215919	0.131155548
XXbac-B33L19.12	CKB	-0.289451535	6.40E-10
XXbac-B33L19.12	RGS2	-0.134601352	0.004727513
XXbac-B33L19.12	SHANK2	-0.183995307	0.000105626
XXbac-B33L19.12	CNTFR	-0.142932743	0.002685108
XXbac-B33L19.12	CYTH3	-0.196945621	3.25E-05

XXbac-B33L19.12	PLAC9	-0.050846452	0.287781161
XXbac-B33L19.12	WVOX	-0.224826089	1.95E-06
XXbac-B33L19.12	NPR3	-0.085932651	0.072068687
XXbac-B33L19.12	SDC2	-0.033012583	0.490253048
XXbac-B33L19.12	KLF15	-0.207440113	1.18E-05
XXbac-B33L19.12	TMEM164	-0.375252812	3.97E-16
XXbac-B33L19.12	LONRF3	-0.089509413	0.060951625
XXbac-B33L19.12	GBP1	-0.159746364	0.000781936
XXbac-B33L19.12	ARHGAP6	-0.249524769	1.18E-07
XXbac-B33L19.12	TMEM119	-0.154201824	0.001190773
XXbac-B33L19.12	SH3RF1	-0.262524597	2.36E-08
XXbac-B33L19.12	CRELD2	-0.232070836	8.84E-07
XXbac-B33L19.12	PCP4	-0.152056277	0.001396132
XXbac-B33L19.12	GCSH	-0.236449606	5.41E-07
XXbac-B33L19.12	IMPA2	-0.177787652	0.000180886
XXbac-B33L19.12	C1R	-0.20041612	2.33E-05
XXbac-B33L19.12	SUCNR1	-0.141822548	0.002900346
XXbac-B33L19.12	SFRP1	-0.162431312	0.000634725
XXbac-B33L19.12	UGT8	-0.385257416	5.55E-17
XXbac-B33L19.12	TLE4	-0.143285685	0.002619793
XXbac-B33L19.12	ANTXR1	-0.215833181	5.04E-06
XXbac-B33L19.12	GPX3	-0.29127886	4.94E-10
XXbac-B33L19.12	DPY19L2	-0.216037478	4.93E-06
XXbac-B33L19.12	FAM46C	-0.332057574	9.25E-13
XXbac-B33L19.12	IL33	-0.135541833	0.004441705
XXbac-B33L19.12	PEG3	-0.201232316	2.16E-05
XXbac-B33L19.12	FAHD2A	-0.295052683	2.88E-10
XXbac-B33L19.12	PTGDS	-0.054904589	0.250982978
XXbac-B33L19.12	CHCHD10	-0.383750441	7.50E-17
XXbac-B33L19.12	CD36	-0.138706449	0.003590934
XXbac-B33L19.12	ANKRD37	-0.109083355	0.022262524
XXbac-B33L19.12	TSPAN33	-0.333051679	7.84E-13
XXbac-B33L19.12	PRDM16	-0.22545487	1.82E-06
XXbac-B33L19.12	UST	-0.143833315	0.00252131
XXbac-B33L19.12	NEXN	-0.132447151	0.005445631
XXbac-B33L19.12	NUPR1L	-0.117734035	0.013573412
XXbac-B33L19.12	SLC24A3	-0.431417943	2.51E-21
XXbac-B33L19.12	MARC1	-0.142096789	0.002845766
XXbac-B33L19.12	MYH11	-0.03590353	0.453038117
XXbac-B33L19.12	APOA1	-0.279904127	2.41E-09
XXbac-B33L19.12	TMEM178B	-0.206921142	1.24E-05
XXbac-B33L19.12	CAPN6	-0.076500276	0.109457755
XXbac-B33L19.12	PPM1L	-0.277413181	3.37E-09
XXbac-B33L19.12	FZD8	-0.266686301	1.39E-08
XXbac-B33L19.12	RCAN2	-0.217692002	4.16E-06
XXbac-B33L19.12	COPZ2	-0.319386324	7.23E-12
XXbac-B33L19.12	GAS1	-0.189332288	6.56E-05
XXbac-B33L19.12	DACT1	-0.23769894	4.69E-07
XXbac-B33L19.12	WBSCR17	-0.094082691	0.048838078
XXbac-B33L19.12	NCS1	-0.194215842	4.19E-05
XXbac-B33L19.12	SPIRE2	-0.28441192	1.30E-09

XXbac-B33L19.12	C15orf52	-0.363619931	3.61E-15
XXbac-B33L19.12	SPAG5	-0.366831511	1.98E-15
XXbac-B33L19.12	ARL4D	-0.283521525	1.47E-09
XXbac-B33L19.12	FAM189A2	0.007598437	0.87386323
XXbac-B33L19.12	MAP1LC3A	-0.201860388	2.03E-05
XXbac-B33L19.12	KLF6	0.015758408	0.741963418
XXbac-B33L19.12	ADD3	-0.117760169	0.013552502
XXbac-B33L19.12	TSPAN7	-0.02312701	0.62891982
XXbac-B33L19.12	KLF9	-0.081943465	0.086364273
XXbac-B33L19.12	KCNQ1	-0.254119895	6.74E-08
XXbac-B33L19.12	MAN1A1	-0.190881541	5.70E-05
XXbac-B33L19.12	MLF1	-0.116525589	0.01457186
XXbac-B33L19.12	RARB	-0.203653663	1.71E-05
XXbac-B33L19.12	CDC42EP2	-0.250388918	1.06E-07
XXbac-B33L19.12	FAM3B	-0.152923406	0.001309503
XXbac-B33L19.12	GADD45B	-0.111673531	0.019259262
XXbac-B33L19.12	TMEM47	-0.117428186	0.013820246
XXbac-B33L19.12	SDF2L1	-0.16956171	0.000359091
XXbac-B33L19.12	CCDC85A	-0.191532455	5.37E-05
XXbac-B33L19.12	CRYBG3	-0.21443715	5.82E-06
XXbac-B33L19.12	FBLN2	-0.081776338	0.087009739
XXbac-B33L19.12	PEBP4	-0.132524188	0.005418346
XXbac-B33L19.12	CDADC1	-0.216365347	4.77E-06
XXbac-B33L19.12	FAM63A	-0.300693982	1.26E-10
XXbac-B33L19.12	GLUL	-0.250021041	1.11E-07
XXbac-B33L19.12	FREM2	-0.29259828	4.09E-10
XXbac-B33L19.12	ACKR3	-0.129345806	0.006652083
XXbac-B33L19.12	DENND6A	-0.259213989	3.59E-08
XXbac-B33L19.12	CLDN8	-0.268527671	1.09E-08
XXbac-B33L19.12	UTS2R	-0.060700032	0.204315705
XXbac-B33L19.12	SCNN1B	-0.155968711	0.00104295
XXbac-B33L19.12	TTC30A	-0.352220289	2.88E-14
XXbac-B33L19.12	CORO2B	-0.098722507	0.038675583
XXbac-B33L19.12	TC2N	-0.401406826	2.00E-18
XXbac-B33L19.12	ALDH2	-0.348205565	5.86E-14
XXbac-B33L19.12	GPR183	-0.041501983	0.385691294
XXbac-B33L19.12	C4orf47	-0.17453961	0.000238008
XXbac-B33L19.12	SLC25A42	-0.141110487	0.003046538
XXbac-B33L19.12	LGMN	-0.363827917	3.47E-15
XXbac-B33L19.12	ACSF2	-0.357398939	1.13E-14
XXbac-B33L19.12	KIAA1467	-0.259609247	3.41E-08
XXbac-B33L19.12	PRKG1	-0.138780364	0.003572961
XXbac-B33L19.12	GNAI1	-0.199850898	2.46E-05
XXbac-B33L19.12	ABCC4	-0.361854604	5.00E-15
XXbac-B33L19.12	PRPS1	-0.331898251	9.50E-13
XXbac-B33L19.12	TSPAN5	-0.34112837	2.00E-13
XXbac-B33L19.12	CR2	-0.119371296	0.012316959
XXbac-B33L19.12	CCDC170	-0.379964558	1.59E-16
XXbac-B33L19.12	RRAD	-0.087282573	0.067692686
XXbac-B33L19.12	SCGB2A1	-0.30673068	5.12E-11
XXbac-B33L19.12	SESN3	-0.264448537	1.85E-08

XXbac-B33L19.12	SGK223	-0.205522131	1.42E-05
XXbac-B33L19.12	NDRG2	-0.234227023	6.95E-07
XXbac-B33L19.12	C3orf52	-0.196382669	3.42E-05
XXbac-B33L19.12	FLRT3	0.2670468	1.32E-08
XXbac-B33L19.12	MST1R	0.291372922	4.88E-10
XXbac-B33L19.12	SDC1	0.069410541	0.146524548
XXbac-B33L19.12	ST8SIA4	0.129746456	0.006483807
XXbac-B33L19.12	UBTD1	0.39043181	1.95E-17
XXbac-B33L19.12	EPHA2	0.36972487	1.15E-15
XXbac-B33L19.12	TMEM130	0.476870523	2.61E-26
XXbac-B33L19.12	SPINK2	0.219702911	3.37E-06
XXbac-B33L19.12	MMP16	0.240716155	3.32E-07
XXbac-B33L19.12	SIGLEC15	0.452090549	1.68E-23
XXbac-B33L19.12	RIN1	0.433982582	1.37E-21
XXbac-B33L19.12	IL1RN	0.106069545	0.026260335
XXbac-B33L19.12	FCER1G	0.114572849	0.0163219
XXbac-B33L19.12	CD276	0.342020042	1.72E-13
XXbac-B33L19.12	CTSB	0.199302275	2.60E-05
XXbac-B33L19.12	FAM171A2	0.459502282	2.57E-24
XXbac-B33L19.12	ASPHD1	0.284476189	1.28E-09
XXbac-B33L19.12	C15orf48	0.030782906	0.520037839
XXbac-B33L19.12	DYSF	0.30682006	5.05E-11
XXbac-B33L19.12	PDZRN4	0.375793632	3.58E-16
XXbac-B33L19.12	EFHD2	0.353341654	2.35E-14
XXbac-B33L19.12	ASF1B	0.113596478	0.017264003
XXbac-B33L19.12	AQP1	0.363299723	3.83E-15
XXbac-B33L19.12	ARRDC2	0.385238973	5.57E-17
XXbac-B33L19.12	PRSS1	0.372996168	6.14E-16
XXbac-B33L19.12	MAPK13	0.292050933	4.43E-10
XXbac-B33L19.12	CST5	0.228117015	1.37E-06
XXbac-B33L19.12	AHR	0.267842141	1.20E-08
XXbac-B33L19.12	BAX	0.174284522	0.000243144
XXbac-B33L19.12	C1orf115	0.459197538	2.78E-24
XXbac-B33L19.12	PLK3	0.380539995	1.42E-16
XXbac-B33L19.12	JAG2	0.435990228	8.54E-22
XXbac-B33L19.12	RAD23B	0.39812516	3.98E-18
XXbac-B33L19.12	CA12	0.173065407	0.000269151
XXbac-B33L19.12	ADTRP	0.469828796	1.73E-25
XXbac-B33L19.12	UCP2	0.386395664	4.41E-17
XXbac-B33L19.12	IGFBP2	0.301658718	1.09E-10
XXbac-B33L19.12	LOXL2	0.266478315	1.43E-08
XXbac-B33L19.12	GPX1	0.215049474	5.46E-06
XXbac-B33L19.12	P3H3	0.32106525	5.53E-12
XXbac-B33L19.12	C2orf81	0.446715263	6.39E-23
XXbac-B33L19.12	CDT1	0.165719929	0.000489468
XXbac-B33L19.12	SNX25	0.452654353	1.46E-23
XXbac-B33L19.12	MTHFD1L	0.271851757	7.08E-09
XXbac-B33L19.12	CDC42BPG	0.330510106	1.20E-12
XXbac-B33L19.12	MSN	0.369865325	1.12E-15
XXbac-B33L19.12	SIGLEC6	0.374046175	5.02E-16
XXbac-B33L19.12	F2R	0.269610305	9.50E-09

XXbac-B33L19.12	TMEM184A	0.286176538	1.01E-09
XXbac-B33L19.12	CKS2	0.052187294	0.275241503
XXbac-B33L19.12	TAX1BP3	0.248015523	1.41E-07
XXbac-B33L19.12	PMEPA1	0.371084014	8.85E-16
XXbac-B33L19.12	CXCL16	0.184319487	0.00010265
XXbac-B33L19.12	FAXC	0.314796021	1.49E-11
XXbac-B33L19.12	VTCN1	0.180057901	0.000148886
XXbac-B33L19.12	SH2D4A	0.269137158	1.01E-08
XXbac-B33L19.12	RNF24	0.346017883	8.59E-14
XXbac-B33L19.12	LY6G6C	0.300601232	1.28E-10
XXbac-B33L19.12	NID1	0.236514726	5.37E-07
XXbac-B33L19.12	STAC	0.221021195	2.93E-06
XXbac-B33L19.12	RAB34	0.446095136	7.44E-23
XXbac-B33L19.12	HES4	0.308107842	4.16E-11
XXbac-B33L19.12	EPHA10	0.298468561	1.75E-10
XXbac-B33L19.12	ENTPD2	0.450826177	2.31E-23
XXbac-B33L19.12	DDB2	0.263138482	2.19E-08
XXbac-B33L19.12	NKAIN4	0.34746669	6.67E-14
XXbac-B33L19.12	TRIM29	0.324072249	3.42E-12
XXbac-B33L19.12	ADCY8	0.299574048	1.49E-10
XXbac-B33L19.12	SFTA2	0.152782526	0.001323232
XXbac-B33L19.12	NRIP1	0.328214233	1.74E-12
XXbac-B33L19.12	VWA1	0.366831795	1.98E-15
XXbac-B33L19.12	APLNR	0.282977442	1.58E-09
XXbac-B33L19.12	REN	0.430681501	2.98E-21
XXbac-B33L19.12	EDIL3	0.247528615	1.49E-07
XXbac-B33L19.12	AGRN	0.394015949	9.35E-18
XXbac-B33L19.12	TREM1	0.255869757	5.43E-08
XXbac-B33L19.12	SRL	0.30283669	9.18E-11
XXbac-B33L19.12	RASGRF1	0.523346433	3.08E-32
XXbac-B33L19.12	RMI2	0.258464048	3.94E-08
XXbac-B33L19.12	SAMD1	0.272677316	6.35E-09
XXbac-B33L19.12	MGAT4B	0.344184315	1.18E-13
XXbac-B33L19.12	NXN	0.311761357	2.38E-11
XXbac-B33L19.12	SH3BGRL3	0.213122271	6.65E-06
XXbac-B33L19.12	CA11	0.356851026	1.25E-14
XXbac-B33L19.12	PLD3	0.409784714	3.31E-19
XXbac-B33L19.12	LURAP1L	0.149629539	0.001667322
XXbac-B33L19.12	CARNS1	0.426629727	7.62E-21
XXbac-B33L19.12	PDLIM7	0.390870765	1.78E-17
XXbac-B33L19.12	BCL2L1	0.226300575	1.67E-06
XXbac-B33L19.12	GGT6	0.371812958	7.70E-16
XXbac-B33L19.12	DPYSL3	0.24030302	3.48E-07
XXbac-B33L19.12	FYN	0.383858973	7.34E-17
XXbac-B33L19.12	TK1	0.073579623	0.123717401
XXbac-B33L19.12	AK1	0.303393117	8.45E-11
XXbac-B33L19.12	HIGD1B	0.422357929	2.02E-20
XXbac-B33L19.12	TMEM59L	0.286814541	9.28E-10
XXbac-B33L19.12	MEGF9	0.332369553	8.79E-13
XXbac-B33L19.12	ZFP36L1	0.29509184	2.86E-10
XXbac-B33L19.12	ADRA1B	0.42373651	1.48E-20

XXbac-B33L19.12	EPHA4	0.322066306	4.72E-12
XXbac-B33L19.12	TCERG1L	0.460623504	1.93E-24
XXbac-B33L19.12	NGFR	0.432978121	1.74E-21
XXbac-B33L19.12	EBI3	0.194250033	4.18E-05
XXbac-B33L19.12	S100A10	0.138414474	0.003662735
XXbac-B33L19.12	S100B	0.211171233	8.11E-06
XXbac-B33L19.12	CD44	0.386641955	4.20E-17
XXbac-B33L19.12	BHLHE41	0.419578211	3.79E-20
XXbac-B33L19.12	FBX02	0.386880444	4.00E-17
XXbac-B33L19.12	SLC30A2	-0.015843957	0.740612708
XXbac-B33L19.12	FRMD5	0.14867374	0.001786799
XXbac-B33L19.12	SAMD11	0.339617847	2.59E-13
XXbac-B33L19.12	SIPA1L2	0.404397936	1.06E-18
XXbac-B33L19.12	S100A16	0.239626144	3.76E-07
XXbac-B33L19.12	PPL	0.228365679	1.33E-06
XXbac-B33L19.12	ARHGDIB	0.314973788	1.45E-11
XXbac-B33L19.12	CDC42EP3	0.195037996	3.88E-05
XXbac-B33L19.12	RUNX2	0.445762585	8.08E-23
XXbac-B33L19.12	LAMC2	0.192900253	4.73E-05
XXbac-B33L19.12	BRINP1	0.377623369	2.51E-16
XXbac-B33L19.12	GPRC5B	0.389199217	2.51E-17
XXbac-B33L19.12	AQP5	0.382897784	8.88E-17
XXbac-B33L19.12	PLAG1	0.485309132	2.55E-27
XXbac-B33L19.12	PTPRU	0.260014579	3.24E-08
XXbac-B33L19.12	ANGPTL4	0.188230927	7.24E-05
XXbac-B33L19.12	PALM3	0.356950337	1.23E-14
XXbac-B33L19.12	ACP5	0.126020727	0.008206694
XXbac-B33L19.12	DLG4	0.498821548	5.37E-29
XXbac-B33L19.12	ETNK2	0.470846593	1.32E-25
XXbac-B33L19.12	CD109	0.41543268	9.57E-20
XXbac-B33L19.12	SNX22	0.431716727	2.34E-21
XXbac-B33L19.12	TMEM98	0.391657877	1.52E-17
XXbac-B33L19.12	CTHRC1	0.185866329	8.95E-05
XXbac-B33L19.12	S100A2	0.190095707	6.12E-05
XXbac-B33L19.12	C11orf80	0.298729465	1.68E-10
XXbac-B33L19.12	SREBF1	0.287472264	8.46E-10
XXbac-B33L19.12	PRSS22	0.340776241	2.13E-13
XXbac-B33L19.12	CMTM3	0.223696212	2.20E-06
XXbac-B33L19.12	RDH5	0.500136994	3.66E-29
XXbac-B33L19.12	MYH10	0.306060188	5.67E-11
XXbac-B33L19.12	EVPL	0.345489548	9.42E-14
XXbac-B33L19.12	SCD	0.202108524	1.98E-05
XXbac-B33L19.12	CD151	0.398590646	3.61E-18
XXbac-B33L19.12	S100A4	0.300893739	1.23E-10
XXbac-B33L19.12	BNIP1	0.414372321	1.21E-19
XXbac-B33L19.12	MAP3K6	0.306953988	4.95E-11
XXbac-B33L19.12	MANEAL	0.230916983	1.00E-06
XXbac-B33L19.12	CD207	0.306655847	5.18E-11
XXbac-B33L19.12	CD1A	0.274804661	4.79E-09
XXbac-B33L19.12	C3	0.172139969	0.000290605
XXbac-B33L19.12	NT5E	0.262414503	2.40E-08

XXbac-B33L19.12	CACNG4	0.24312448	2.51E-07
XXbac-B33L19.12	FHOD1	0.375436821	3.84E-16
XXbac-B33L19.12	LEMD1	0.28083218	2.12E-09
XXbac-B33L19.12	ATP11A	0.331297135	1.05E-12
XXbac-B33L19.12	PPAP2C	0.272343915	6.63E-09
XXbac-B33L19.12	DRAM1	0.330765253	1.15E-12
XXbac-B33L19.12	CDA	0.373897924	5.16E-16
XXbac-B33L19.12	CCND2	0.476657997	2.77E-26
XXbac-B33L19.12	LCN6	0.4666239	4.04E-25
XXbac-B33L19.12	CDH4	0.248185203	1.38E-07
XXbac-B33L19.12	MMP11	0.241447226	3.05E-07
XXbac-B33L19.12	B3GAT1	0.373636027	5.43E-16
XXbac-B33L19.12	SPP1	0.127517914	0.00747051
XXbac-B33L19.12	HLA-DQB1	-0.001674386	0.972093871
XXbac-B33L19.12	SDC3	0.385177116	5.64E-17
XXbac-B33L19.12	CX3CL1	0.29731868	2.07E-10
XXbac-B33L19.12	SDK1	0.395870939	6.37E-18
XXbac-B33L19.12	DOCK9	0.393422494	1.06E-17
XXbac-B33L19.12	CSF2	0.335461375	5.24E-13
XXbac-B33L19.12	GRHL3	0.340246345	2.33E-13
XXbac-B33L19.12	TMEM92	0.294694327	3.03E-10
XXbac-B33L19.12	BASP1	0.309735268	3.24E-11
XXbac-B33L19.12	HRH1	0.312680552	2.06E-11
XXbac-B33L19.12	ESM1	0.255008872	6.04E-08
XXbac-B33L19.12	B4GALNT3	0.350239316	4.09E-14
XXbac-B33L19.12	LMO3	0.377489441	2.57E-16
XXbac-B33L19.12	C9orf16	0.233920151	7.19E-07
XXbac-B33L19.12	SEMA3F	0.496824826	9.61E-29
XXbac-B33L19.12	PLA2G12B	0.441284416	2.40E-22
XXbac-B33L19.12	KLK6	0.411172633	2.45E-19
XXbac-B33L19.12	ST3GAL5	0.500629578	3.16E-29
XXbac-B33L19.12	FAM132B	0.37616988	3.33E-16
XXbac-B33L19.12	CDKN1A	0.148272239	0.001839287
XXbac-B33L19.12	E2F1	0.211337508	7.97E-06
XXbac-B33L19.12	B3GNT8	0.368069637	1.57E-15
XXbac-B33L19.12	MTMR11	0.328573881	1.64E-12
XXbac-B33L19.12	MYO1G	0.20987352	9.24E-06
XXbac-B33L19.12	TMSB10	0.274610195	4.91E-09
XXbac-B33L19.12	UNC5CL	0.279672935	2.48E-09
XXbac-B33L19.12	ABR	0.232257967	8.66E-07
XXbac-B33L19.12	PLP2	0.246181246	1.75E-07
XXbac-B33L19.12	SRCIN1	0.256445478	5.06E-08
XXbac-B33L19.12	PDE9A	0.352247954	2.86E-14
XXbac-B33L19.12	TREM2	0.133946324	0.004936265
XXbac-B33L19.12	KDEL3	0.282496209	1.69E-09
XXbac-B33L19.12	PC	0.413974225	1.32E-19
XXbac-B33L19.12	C2CD4A	0.19582071	3.61E-05
XXbac-B33L19.12	PELI1	0.315556177	1.32E-11
XXbac-B33L19.12	SSX1	0.298766494	1.68E-10
XXbac-B33L19.12	MROH6	0.420457256	3.11E-20
XXbac-B33L19.12	ESPN	0.463103871	1.01E-24

XXbac-B33L19.12	BMP1	0.520371497	7.88E-32
XXbac-B33L19.12	TM4SF4	0.367948739	1.60E-15
XXbac-B33L19.12	CORO2A	0.382050092	1.05E-16
XXbac-B33L19.12	CD164L2	0.299740463	1.45E-10
XXbac-B33L19.12	CTSS	0.104692384	0.028283941
XXbac-B33L19.12	CLU	0.41023814	3.00E-19
XXbac-B33L19.12	TMSB4X	0.287449281	8.49E-10
XXbac-B33L19.12	WNT10A	0.343019337	1.45E-13
XXbac-B33L19.12	NAPSA	0.282052997	1.79E-09
XXbac-B33L19.12	PLEKHA4	0.470834817	1.33E-25
XXbac-B33L19.12	SFTPA1	0.286118682	1.02E-09
XXbac-B33L19.12	C1orf116	0.315361527	1.36E-11
XXbac-B33L19.12	TM4SF1	0.219419306	3.47E-06
XXbac-B33L19.12	SEL1L3	0.293874853	3.41E-10
XXbac-B33L19.12	VASN	0.387221649	3.74E-17
XXbac-B33L19.12	NPTXR	0.311941394	2.31E-11
XXbac-B33L19.12	PDE4C	0.281682425	1.89E-09
XXbac-B33L19.12	CDC42EP1	0.399228082	3.16E-18
XXbac-B33L19.12	ENDOD1	0.360982227	5.87E-15
XXbac-B33L19.12	RYR1	0.35769134	1.07E-14
XXbac-B33L19.12	IL1RAP	0.416357692	7.79E-20
XXbac-B33L19.12	SLC35F2	0.402191327	1.69E-18
XXbac-B33L19.12	ISYNA1	0.487598538	1.34E-27
XXbac-B33L19.12	HLA-G	0.195292233	3.79E-05
XXbac-B33L19.12	CDKN2B	0.2306653	1.03E-06
XXbac-B33L19.12	ALDH1A3	0.237995597	4.53E-07
XXbac-B33L19.12	CLIP3	0.353786142	2.17E-14
XXbac-B33L19.12	ULBP2	0.331811424	9.64E-13
XXbac-B33L19.12	ETHE1	0.25653727	5.00E-08
XXbac-B33L19.12	XPR1	0.27732905	3.41E-09
XXbac-B33L19.12	SPTBN2	0.296688763	2.27E-10
XXbac-B33L19.12	IVL	0.286726032	9.39E-10
XXbac-B33L19.12	MARCO	0.130285148	0.00626357
XXbac-B33L19.12	PLXND1	0.489679532	7.46E-28
XXbac-B33L19.12	EMILIN2	0.332777154	8.21E-13
XXbac-B33L19.12	PLAUR	0.209810244	9.30E-06
XXbac-B33L19.12	CDC42EP5	0.364647659	2.98E-15
XXbac-B33L19.12	TRPC5	0.531143867	2.52E-33
XXbac-B33L19.12	TMEM100	0.327132167	2.08E-12
XXbac-B33L19.12	QSOX1	0.33917265	2.80E-13
XXbac-B33L19.12	ARHGAP23	0.492372566	3.47E-28
XXbac-B33L19.12	MDFI	0.384987574	5.86E-17
XXbac-B33L19.12	FSTL3	0.338970481	2.90E-13
XXbac-B33L19.12	INF2	0.433322305	1.61E-21
XXbac-B33L19.12	TGFBR1	0.456319785	5.79E-24
XXbac-B33L19.12	TGFBI	0.252316405	8.39E-08
XXbac-B33L19.12	ERBB3	0.263372146	2.12E-08
XXbac-B33L19.12	CCL18	0.185129866	9.56E-05
XXbac-B33L19.12	CCL17	0.214176253	5.97E-06
XXbac-B33L19.12	C16orf45	0.440069645	3.22E-22
XXbac-B33L19.12	PRDM1	0.434647257	1.17E-21

XXbac-B33L19.12	TRIM47	0.257515201	4.43E-08
XXbac-B33L19.12	CNFN	0.212317993	7.22E-06
XXbac-B33L19.12	ARMCX3	0.494215923	2.04E-28
XXbac-B33L19.12	RAMP1	0.500583753	3.21E-29
XXbac-B33L19.12	GABRD	0.394944367	7.72E-18
XXbac-B33L19.12	COL13A1	0.445443087	8.73E-23
XXbac-B33L19.12	S100A5	0.313192005	1.91E-11
XXbac-B33L19.12	MISP	0.17495317	0.000229896
XXbac-B33L19.12	HES6	0.394170449	9.06E-18
XXbac-B33L19.12	PSD3	0.363281989	3.84E-15
XXbac-B33L19.12	DOK7	0.365060226	2.76E-15
XXbac-B33L19.12	ZMAT3	0.248895136	1.27E-07
XXbac-B33L19.12	MFAP2	0.382301917	1.00E-16
XXbac-B33L19.12	TMEM79	0.358243651	9.70E-15
XXbac-B33L19.12	SLC1A5	0.261279519	2.77E-08
XXbac-B33L19.12	BBC3	0.244583046	2.11E-07
XXbac-B33L19.12	HLA-DQB2	0.114006633	0.016862604
XXbac-B33L19.12	C1QL1	0.530873792	2.75E-33
XXbac-B33L19.12	TMEM215	0.412027654	2.03E-19
XXbac-B33L19.12	PNP	0.297122044	2.13E-10
XXbac-B33L19.12	ARNTL	0.418253826	5.10E-20
XXbac-B33L19.12	CLDN2	0.432855274	1.79E-21
XXbac-B33L19.12	MVP	0.241712813	2.96E-07
XXbac-B33L19.12	LGALS1	0.249979188	1.11E-07
XXbac-B33L19.12	BIRC7	0.409249149	3.72E-19
XXbac-B33L19.12	COL8A1	0.35044645	3.94E-14
XXbac-B33L19.12	PERP	0.262953479	2.24E-08
XXbac-B33L19.12	GJA4	0.441526682	2.27E-22
XXbac-B33L19.12	IGFL2	0.301394192	1.14E-10
XXbac-B33L19.12	DAPK2	0.43095799	2.79E-21
XXbac-B33L19.12	MAMLD1	0.46292355	1.06E-24
XXbac-B33L19.12	ETV5	0.426656967	7.58E-21
XXbac-B33L19.12	RUNX1	0.253360874	7.39E-08
XXbac-B33L19.12	LONRF2	0.467079154	3.58E-25
XXbac-B33L19.12	SPOCK1	0.402091505	1.73E-18
XXbac-B33L19.12	XKRX	0.379110766	1.87E-16
XXbac-B33L19.12	TGFB1	0.40557761	8.21E-19
XXbac-B33L19.12	ERP27	0.328624956	1.63E-12
XXbac-B33L19.12	TNFRSF10C	0.19596159	3.56E-05
XXbac-B33L19.12	PALM	0.422041836	2.17E-20
XXbac-B33L19.12	TSC22D1	0.538865501	1.98E-34
XXbac-B33L19.12	TGM2	0.204631736	1.55E-05
XXbac-B33L19.12	UBE2QL1	0.484096401	3.58E-27
XXbac-B33L19.12	ECE1	0.47678696	2.67E-26
XXbac-B33L19.12	COL8A2	0.353478561	2.30E-14
XXbac-B33L19.12	HIST3H2A	0.176005726	0.000210403
XXbac-B33L19.12	TNFRSF21	0.292605231	4.09E-10
XXbac-B33L19.12	SOX4	0.275638775	4.28E-09
XXbac-B33L19.12	ELF3	0.207939223	1.12E-05
XXbac-B33L19.12	TPD52L1	0.388361173	2.97E-17
XXbac-B33L19.12	INHBB	0.527428121	8.38E-33

XXbac-B33L19.12	HPN	0.328239628	1.74E-12
XXbac-B33L19.12	MMP7	0.178156308	0.000175285
XXbac-B33L19.12	RAB27A	0.453214042	1.27E-23
XXbac-B33L19.12	IGF2BP2	0.453837858	1.08E-23
XXbac-B33L19.12	ITGB4	0.300260134	1.35E-10
XXbac-B33L19.12	PPP1R1B	0.437253182	6.32E-22
XXbac-B33L19.12	NPDC1	0.404871934	9.56E-19
XXbac-B33L19.12	CCL13	0.207223617	1.20E-05
XXbac-B33L19.12	SPINT1	0.26956604	9.55E-09
XXbac-B33L19.12	HEY2	0.523395947	3.03E-32
XXbac-B33L19.12	CST2	0.207043806	1.22E-05
XXbac-B33L19.12	ADM	0.266760784	1.37E-08
XXbac-B33L19.12	VSTM2L	0.142194256	0.002826594
XXbac-B33L19.12	FAM84A	0.295757367	2.60E-10
XXbac-B33L19.12	P4HA2	0.304449078	7.22E-11
XXbac-B33L19.12	LPL	0.397986409	4.10E-18
XXbac-B33L19.12	TMEM173	0.345122238	1.00E-13
XXbac-B33L19.12	DHRS3	0.415180997	1.01E-19
XXbac-B33L19.12	SCN1B	0.301837337	1.07E-10
XXbac-B33L19.12	GLT1D1	0.440682821	2.78E-22
XXbac-B33L19.12	PHYHIP	0.406939166	6.13E-19
XXbac-B33L19.12	BHLHE40	0.311821227	2.36E-11
XXbac-B33L19.12	BID	0.471389399	1.14E-25
XXbac-B33L19.12	POSTN	0.053404423	0.26418524
XXbac-B33L19.12	ITGA3	0.296581933	2.30E-10
XXbac-B33L19.12	RSPO4	0.362399965	4.52E-15
XXbac-B33L19.12	ADAMTS9	0.530535708	3.07E-33
XXbac-B33L19.12	ABTB2	0.347644032	6.46E-14
XXbac-B33L19.12	KCNQ3	0.329877411	1.33E-12
XXbac-B33L19.12	ANXA1	0.476470583	2.91E-26
XXbac-B33L19.12	S100A11	0.255546854	5.65E-08
XXbac-B33L19.12	CEACAM6	0.199354339	2.58E-05
XXbac-B33L19.12	IER5L	0.341588748	1.85E-13
XXbac-B33L19.12	KRT80	0.237675957	4.70E-07
XXbac-B33L19.12	CDH6	0.295208744	2.81E-10
XXbac-B33L19.12	UNC5B	0.261598591	2.66E-08
XXbac-B33L19.12	PLEKHN1	0.360403243	6.53E-15
XXbac-B33L19.12	SYTL1	0.302410078	9.78E-11
XXbac-B33L19.12	TMEM163	0.321750922	4.96E-12
XXbac-B33L19.12	C4orf48	0.272387612	6.59E-09
XXbac-B33L19.12	B3GNT7	0.451972511	1.73E-23
XXbac-B33L19.12	BAIAP3	0.478957334	1.48E-26
XXbac-B33L19.12	PHLDA2	0.313694093	1.76E-11
XXbac-B33L19.12	GAP43	0.330190225	1.26E-12
XXbac-B33L19.12	S100A1	0.200699724	2.27E-05
XXbac-B33L19.12	PTPRE	0.383891321	7.29E-17
XXbac-B33L19.12	CCND1	0.363423295	3.74E-15
XXbac-B33L19.12	ST6GALNAC5	0.218988451	3.63E-06
XXbac-B33L19.12	KRT17	0.316328676	1.17E-11
XXbac-B33L19.12	HPCAL4	0.467884	2.90E-25
XXbac-B33L19.12	GABBR2	0.378581721	2.08E-16

XXbac-B33L19.12	DIRAS3	0.443048696	1.57E-22
XXbac-B33L19.12	SERINC2	0.246820243	1.62E-07
XXbac-B33L19.12	PTCHD4	0.324400118	3.24E-12
XXbac-B33L19.12	EPS8	0.461084308	1.71E-24
XXbac-B33L19.12	LY6E	0.365001916	2.79E-15
XXbac-B33L19.12	UPP1	0.287276054	8.70E-10
XXbac-B33L19.12	AHNAK2	0.256621543	4.95E-08
XXbac-B33L19.12	PLXNC1	0.442762822	1.68E-22
XXbac-B33L19.12	TNC	0.185479157	9.26E-05
XXbac-B33L19.12	DUSP4	0.403750569	1.21E-18
XXbac-B33L19.12	NRCAM	0.385065604	5.76E-17
XXbac-B33L19.12	NRP2	0.501850679	2.21E-29
XXbac-B33L19.12	CTSC	0.312060283	2.27E-11
XXbac-B33L19.12	AMIGO2	0.486796813	1.68E-27
XXbac-B33L19.12	NAB2	0.464619643	6.83E-25
XXbac-B33L19.12	TBC1D2	0.299745702	1.45E-10
XXbac-B33L19.12	PHLDA3	0.219151734	3.57E-06
XXbac-B33L19.12	PTP4A3	0.315166452	1.40E-11
XXbac-B33L19.12	CRABP2	0.291455776	4.82E-10
XXbac-B33L19.12	GOS2	0.320867621	5.71E-12
XXbac-B33L19.12	S100A6	0.234944191	6.41E-07
XXbac-B33L19.12	FOXQ1	0.351693089	3.16E-14
XXbac-B33L19.12	LRG1	0.3926988	1.23E-17
XXbac-B33L19.12	LAMP5	0.318783931	7.95E-12
XXbac-B33L19.12	ALDH3B1	0.27673446	3.70E-09
XXbac-B33L19.12	CDH2	0.39295786	1.16E-17
XXbac-B33L19.12	SCG5	0.376804903	2.94E-16
XXbac-B33L19.12	ZCCHC16	0.528564926	5.82E-33
XXbac-B33L19.12	GRB7	0.383153013	8.44E-17
XXbac-B33L19.12	TIAM1	0.377543494	2.55E-16
XXbac-B33L19.12	FXYD5	0.321441214	5.21E-12
XXbac-B33L19.12	CLDN9	0.3763729	3.20E-16
XXbac-B33L19.12	FAM43A	0.426949651	7.08E-21
XXbac-B33L19.12	CHST2	0.421198968	2.63E-20
XXbac-B33L19.12	HMGA2	0.449792915	2.99E-23
XXbac-B33L19.12	GALNT7	0.386307702	4.49E-17
XXbac-B33L19.12	CBLN1	0.28721519	8.77E-10
XXbac-B33L19.12	STRA6	0.3888434	2.69E-17
XXbac-B33L19.12	MUC21	0.249442326	1.19E-07
XXbac-B33L19.12	PRR36	0.390649444	1.87E-17
XXbac-B33L19.12	NFE2L3	0.172110317	0.000291318
XXbac-B33L19.12	NR1D1	0.171532185	0.000305552
XXbac-B33L19.12	MUC1	0.089456069	0.061106374
XXbac-B33L19.12	NAT8L	0.503168822	1.50E-29
XXbac-B33L19.12	APOC1	0.405249316	8.81E-19
XXbac-B33L19.12	EVA1A	0.314611587	1.53E-11
XXbac-B33L19.12	ENTPD1	0.447300064	5.53E-23
XXbac-B33L19.12	COL1A1	0.193223866	4.59E-05
XXbac-B33L19.12	FNDC4	0.264134005	1.93E-08
XXbac-B33L19.12	FRMD3	0.479731393	1.20E-26
XXbac-B33L19.12	SHROOM4	0.458575567	3.26E-24

XXbac-B33L19.12	NELL2	0.470516738	1.44E-25
XXbac-B33L19.12	EPHB3	0.310215366	3.01E-11
XXbac-B33L19.12	TMC6	0.345859694	8.83E-14
XXbac-B33L19.12	NOD1	0.521192658	6.08E-32
XXbac-B33L19.12	GGCT	0.43477778	1.14E-21
XXbac-B33L19.12	ICAM1	0.304478587	7.19E-11
XXbac-B33L19.12	PRSS23	0.404416947	1.05E-18
XXbac-B33L19.12	CFI	0.329516486	1.41E-12
XXbac-B33L19.12	CD55	0.284339849	1.31E-09
XXbac-B33L19.12	RASD2	0.513223791	7.22E-31
XXbac-B33L19.12	KLK11	0.448005872	4.65E-23
XXbac-B33L19.12	ICAM5	0.531524422	2.23E-33
XXbac-B33L19.12	ADORA1	0.289201129	6.63E-10
XXbac-B33L19.12	ITGA2	0.282326103	1.73E-09
XXbac-B33L19.12	ABCC3	0.39344335	1.05E-17
XXbac-B33L19.12	MFGE8	0.386486462	4.34E-17
XXbac-B33L19.12	STK32A	0.345064212	1.01E-13
XXbac-B33L19.12	CYSLTR2	0.483194372	4.60E-27
XXbac-B33L19.12	LAD1	0.369585835	1.18E-15
XXbac-B33L19.12	MGAT3	0.296724232	2.26E-10
XXbac-B33L19.12	IGFBP6	0.423644434	1.51E-20
XXbac-B33L19.12	CYP2S1	0.240908534	3.24E-07
XXbac-B33L19.12	KCNJ2	0.371448912	8.26E-16
XXbac-B33L19.12	FAM20A	0.283002128	1.58E-09
XXbac-B33L19.12	TGFA	0.485970828	2.12E-27
XXbac-B33L19.12	MXRA8	0.429333828	4.08E-21
XXbac-B33L19.12	C8orf4	0.305652871	6.02E-11
XXbac-B33L19.12	CLDN10	0.354250433	2.00E-14
XXbac-B33L19.12	PDE5A	0.453362441	1.22E-23
XXbac-B33L19.12	APOE	0.489891916	7.03E-28
XXbac-B33L19.12	SPOCK2	0.302185067	1.01E-10
XXbac-B33L19.12	TENM1	0.491941839	3.92E-28
XXbac-B33L19.12	SLIT1	0.346227855	8.28E-14
XXbac-B33L19.12	CXCL14	0.366978492	1.93E-15
XXbac-B33L19.12	ECM1	0.349704454	4.50E-14
XXbac-B33L19.12	DUSP5	0.369988754	1.09E-15
XXbac-B33L19.12	SEZ6L2	0.262983556	2.23E-08
XXbac-B33L19.12	THRSP	0.322069427	4.71E-12
XXbac-B33L19.12	C19orf33	0.223099635	2.35E-06
XXbac-B33L19.12	MPZL2	0.427146996	6.77E-21
XXbac-B33L19.12	CTSH	0.4156584	9.10E-20
XXbac-B33L19.12	CYP1B1	0.350560374	3.86E-14
XXbac-B33L19.12	ALOX5	0.130979333	0.005989666
XXbac-B33L19.12	SYTL5	0.377143568	2.75E-16
XXbac-B33L19.12	TNFRSF12A	0.452800198	1.41E-23
XXbac-B33L19.12	DUSP6	0.499869422	3.95E-29
XXbac-B33L19.12	ALOX15B	0.240697285	3.33E-07
XXbac-B33L19.12	SDC4	0.491274752	4.74E-28
XXbac-B33L19.12	MDK	0.45222391	1.63E-23
XXbac-B33L19.12	KRT19	0.241665711	2.97E-07
XXbac-B33L19.12	MET	0.340181935	2.35E-13

XXbac-B33L19.12	TESC	0.552784383	1.71E-36
XXbac-B33L19.12	CXCL17	0.241161999	3.15E-07
XXbac-B33L19.12	NPC2	0.433603355	1.50E-21
XXbac-B33L19.12	COMP	0.339826543	2.50E-13
XXbac-B33L19.12	TUSC3	0.461760333	1.44E-24
XXbac-B33L19.12	TMPRSS4	0.297608668	1.98E-10
XXbac-B33L19.12	LGALS3	0.339580393	2.61E-13
XXbac-B33L19.12	CRLF1	0.294505337	3.11E-10
XXbac-B33L19.12	CTXN1	0.389772952	2.23E-17
XXbac-B33L19.12	PCSK1N	0.274637718	4.89E-09
XXbac-B33L19.12	NMU	0.22107982	2.91E-06
XXbac-B33L19.12	GALE	0.450956558	2.23E-23
XXbac-B33L19.12	PCSK2	0.248772416	1.29E-07
XXbac-B33L19.12	GJB3	0.480222132	1.05E-26
XXbac-B33L19.12	SLPI	0.181429107	0.000132217
XXbac-B33L19.12	AGR2	0.323026503	4.04E-12
XXbac-B33L19.12	MRC2	0.382838622	8.99E-17
XXbac-B33L19.12	GOLT1A	0.444452388	1.11E-22
XXbac-B33L19.12	SLC27A6	0.360492139	6.43E-15
XXbac-B33L19.12	KCNN4	0.245673483	1.86E-07
XXbac-B33L19.12	ETV4	0.427143819	6.77E-21
XXbac-B33L19.12	SYT12	0.434860492	1.12E-21
XXbac-B33L19.12	PVRL4	0.315779344	1.27E-11
XXbac-B33L19.12	PLCD3	0.405655215	8.08E-19
XXbac-B33L19.12	PLAU	0.284442849	1.29E-09
XXbac-B33L19.12	LRRK2	0.452736923	1.43E-23
XXbac-B33L19.12	SFN	0.213490715	6.41E-06
XXbac-B33L19.12	LPAR5	0.420966864	2.77E-20
XXbac-B33L19.12	NGEF	0.298605894	1.72E-10
XXbac-B33L19.12	DTX4	0.388530995	2.87E-17
XXbac-B33L19.12	CST6	0.400149973	2.60E-18
XXbac-B33L19.12	QPCT	0.457436042	4.36E-24
XXbac-B33L19.12	TIMP1	0.404852923	9.59E-19
XXbac-B33L19.12	CAMK2N1	0.424371534	1.28E-20
XXbac-B33L19.12	KLHDC8A	0.385716517	5.06E-17
XXbac-B33L19.12	PDLIM4	0.358481147	9.29E-15
XXbac-B33L19.12	SCEL	0.369903347	1.11E-15
XXbac-B33L19.12	LCN2	0.152878857	0.00131383
XXbac-B33L19.12	PROS1	0.326482389	2.31E-12
XXbac-B33L19.12	GABRB2	0.389288881	2.46E-17
XXbac-B33L19.12	TMPRSS6	0.327516643	1.95E-12
XXbac-B33L19.12	KLK7	0.349709263	4.49E-14
XXbac-B33L19.12	PDZK1IP1	0.205626408	1.41E-05
XXbac-B33L19.12	CDH3	0.440325301	3.03E-22
XXbac-B33L19.12	LRP4	0.490007258	6.80E-28
XXbac-B33L19.12	IGSF1	0.368906121	1.34E-15
XXbac-B33L19.12	B3GNT3	0.185647703	9.13E-05
XXbac-B33L19.12	CLDN1	0.349015802	5.08E-14
XXbac-B33L19.12	GDF15	0.260058843	3.23E-08
XXbac-B33L19.12	ARHGAP36	0.379091382	1.88E-16
XXbac-B33L19.12	LAMB3	0.302213158	1.01E-10

XXbac-B33L19.12	KLK10	0.381742511	1.12E-16
XXbac-B33L19.12	DPP4	0.29333077	3.69E-10
XXbac-B33L19.12	METTL7B	0.460755021	1.86E-24
XXbac-B33L19.12	LIPH	0.35641434	1.35E-14
XXbac-B33L19.12	CLDN16	0.35662715	1.30E-14
XXbac-B33L19.12	CHI3L1	0.273400301	5.77E-09
XXbac-B33L19.12	SLC22A31	0.366058362	2.29E-15
XXbac-B33L19.12	TACSTD2	0.411260052	2.40E-19
XXbac-B33L19.12	SFTPB	0.253261279	7.48E-08
XXbac-B33L19.12	RXRG	0.490201341	6.44E-28
XXbac-B33L19.12	DCSTAMP	0.359246147	8.08E-15
XXbac-B33L19.12	CITED1	0.392567283	1.26E-17
XXbac-B33L19.12	SERPINA1	0.32790949	1.83E-12
XXbac-B33L19.12	PRR15	0.531048438	2.60E-33
XXbac-B33L19.12	SLC34A2	0.262378042	2.41E-08
XXbac-B33L19.12	FN1	0.19885807	2.71E-05
XXbac-B33L19.12	ZCCHC12	0.454918505	8.26E-24
RP11-861E21.1	TFF3	-0.271807551	7.12E-09
RP11-861E21.1	CCL21	-0.302290477	9.96E-11
RP11-861E21.1	TPO	-0.291536613	4.76E-10
RP11-861E21.1	MT1G	-0.268388806	1.11E-08
RP11-861E21.1	DIO1	-0.222441278	2.52E-06
RP11-861E21.1	DPT	-0.329151012	1.50E-12
RP11-861E21.1	CDH16	-0.314882861	1.47E-11
RP11-861E21.1	CRABP1	-0.255884936	5.42E-08
RP11-861E21.1	SLC26A7	-0.230038915	1.11E-06
RP11-861E21.1	MT1H	-0.290437073	5.57E-10
RP11-861E21.1	SLC26A4	-0.212804621	6.87E-06
RP11-861E21.1	SLC5A8	-0.330822814	1.14E-12
RP11-861E21.1	PKHD1L1	-0.324193603	3.35E-12
RP11-861E21.1	TFCP2L1	-0.37237259	6.92E-16
RP11-861E21.1	WSCD2	-0.300829804	1.24E-10
RP11-861E21.1	IPCEF1	-0.363169127	3.92E-15
RP11-861E21.1	SLC5A5	-0.305328639	6.33E-11
RP11-861E21.1	MT1F	-0.263795018	2.01E-08
RP11-861E21.1	FOSB	-0.188696524	6.95E-05
RP11-861E21.1	SEMA3D	-0.364573546	3.02E-15
RP11-861E21.1	BMP8A	-0.179108519	0.000161561
RP11-861E21.1	MATN2	-0.316625993	1.12E-11
RP11-861E21.1	PLA2R1	-0.357918597	1.03E-14
RP11-861E21.1	COL23A1	-0.228381884	1.33E-06
RP11-861E21.1	HGD	-0.301779941	1.07E-10
RP11-861E21.1	TCEAL2	-0.231864743	9.05E-07
RP11-861E21.1	CHRD1	-0.312358814	2.17E-11
RP11-861E21.1	TNFRSF11B	-0.354526661	1.90E-14
RP11-861E21.1	FAM167A	-0.276809285	3.66E-09
RP11-861E21.1	KIT	-0.311354186	2.53E-11
RP11-861E21.1	SLC4A4	-0.340591536	2.20E-13
RP11-861E21.1	SMOC2	-0.282027333	1.80E-09
RP11-861E21.1	FHL1	-0.259576835	3.43E-08
RP11-861E21.1	OTOS	-0.247209663	1.55E-07

RP11-861E21.1	IGFBPL1	-0.369783974	1.13E-15
RP11-861E21.1	HBB	-0.303403781	8.44E-11
RP11-861E21.1	BEX1	-0.147225337	0.001982856
RP11-861E21.1	FABP4	-0.311331819	2.54E-11
RP11-861E21.1	LMOD1	-0.215453858	5.24E-06
RP11-861E21.1	SOD3	-0.291785976	4.60E-10
RP11-861E21.1	TMEM171	-0.337124847	3.96E-13
RP11-861E21.1	PI16	-0.272203866	6.76E-09
RP11-861E21.1	ZMAT4	-0.320016062	6.54E-12
RP11-861E21.1	MFAP4	-0.232008432	8.90E-07
RP11-861E21.1	CWH43	-0.390975489	1.75E-17
RP11-861E21.1	SPX	-0.285337283	1.14E-09
RP11-861E21.1	APOD	-0.214524348	5.76E-06
RP11-861E21.1	DPP6	-0.32166177	5.03E-12
RP11-861E21.1	MMRN1	-0.302393704	9.81E-11
RP11-861E21.1	WDR72	-0.295736356	2.61E-10
RP11-861E21.1	MPPED2	-0.269038455	1.02E-08
RP11-861E21.1	PAPSS2	-0.37389799	5.16E-16
RP11-861E21.1	DCN	-0.281330307	1.98E-09
RP11-861E21.1	SORBS2	-0.321575528	5.10E-12
RP11-861E21.1	EGR2	-0.153378426	0.001266049
RP11-861E21.1	EDN3	-0.092853722	0.051876569
RP11-861E21.1	DIO2	-0.295802456	2.58E-10
RP11-861E21.1	ITPR1	-0.258438246	3.95E-08
RP11-861E21.1	CFD	-0.178795468	0.000165958
RP11-861E21.1	CPXM1	-0.26248508	2.38E-08
RP11-861E21.1	ELMO1	-0.28298592	1.58E-09
RP11-861E21.1	GPC3	-0.288832422	6.99E-10
RP11-861E21.1	MYOC	-0.149929093	0.001631413
RP11-861E21.1	DEPTOR	-0.340456074	2.25E-13
RP11-861E21.1	DGKI	-0.324823634	3.03E-12
RP11-861E21.1	CARTPT	-0.224347008	2.06E-06
RP11-861E21.1	IYD	-0.269586402	9.53E-09
RP11-861E21.1	LYVE1	-0.238009463	4.53E-07
RP11-861E21.1	CLCNKB	-0.190139512	6.09E-05
RP11-861E21.1	NCAM1	-0.430456223	3.14E-21
RP11-861E21.1	HBA2	-0.204989678	1.50E-05
RP11-861E21.1	GLT8D2	-0.294062303	3.32E-10
RP11-861E21.1	OGDHL	-0.296526148	2.32E-10
RP11-861E21.1	LIFR	-0.329854305	1.33E-12
RP11-861E21.1	CSGALNACT1	-0.283516987	1.47E-09
RP11-861E21.1	RAP1GAP	-0.301300931	1.15E-10
RP11-861E21.1	COL9A3	-0.17785844	0.000179798
RP11-861E21.1	FBLN1	-0.295863733	2.56E-10
RP11-861E21.1	EFEMP1	-0.349034711	5.06E-14
RP11-861E21.1	AOX1	-0.405093665	9.11E-19
RP11-861E21.1	GRIN2C	-0.197224805	3.16E-05
RP11-861E21.1	C11orf74	-0.285396148	1.13E-09
RP11-861E21.1	PPARGC1A	-0.3596918	7.44E-15
RP11-861E21.1	ANGPTL1	-0.298556942	1.73E-10
RP11-861E21.1	SCARA5	-0.304612583	7.04E-11

RP11-861E21.1	LTF	-0.326587901	2.27E-12
RP11-861E21.1	CA4	-0.134675872	0.004704276
RP11-861E21.1	TG	-0.203396476	1.75E-05
RP11-861E21.1	FCGBP	-0.285404659	1.13E-09
RP11-861E21.1	PBX4	-0.044976741	0.347137336
RP11-861E21.1	CYR61	-0.209923184	9.19E-06
RP11-861E21.1	FOS	-0.195450751	3.73E-05
RP11-861E21.1	KHDRBS2	-0.222043262	2.63E-06
RP11-861E21.1	MUM1L1	-0.301523344	1.12E-10
RP11-861E21.1	RGS16	-0.238298543	4.38E-07
RP11-861E21.1	MT1M	-0.304306482	7.37E-11
RP11-861E21.1	LRP2	-0.313469945	1.83E-11
RP11-861E21.1	MAFB	-0.366463191	2.12E-15
RP11-861E21.1	KCNK2	-0.318742602	8.00E-12
RP11-861E21.1	TBC1D4	-0.27126698	7.64E-09
RP11-861E21.1	MIOX	-0.160906849	0.000714808
RP11-861E21.1	TPPP	-0.304234141	7.45E-11
RP11-861E21.1	FMOD	-0.372544081	6.70E-16
RP11-861E21.1	CITED2	-0.369255975	1.25E-15
RP11-861E21.1	RGS8	-0.329848408	1.33E-12
RP11-861E21.1	ABI3BP	-0.278666744	2.85E-09
RP11-861E21.1	ADH1B	-0.271138014	7.77E-09
RP11-861E21.1	OGN	-0.285696961	1.08E-09
RP11-861E21.1	NR4A1	-0.10064504	0.035023137
RP11-861E21.1	FOXJ1	-0.201887852	2.03E-05
RP11-861E21.1	ALDH1A1	-0.251902885	8.82E-08
RP11-861E21.1	OCA2	-0.249390917	1.19E-07
RP11-861E21.1	TMEM139	-0.251276356	9.52E-08
RP11-861E21.1	ARHGAP24	-0.304669747	6.98E-11
RP11-861E21.1	SLC25A15	-0.339433089	2.68E-13
RP11-861E21.1	DES	-0.262483033	2.38E-08
RP11-861E21.1	GDF10	-0.28506925	1.18E-09
RP11-861E21.1	KIAA1324	-0.262341675	2.42E-08
RP11-861E21.1	JUN	-0.200359861	2.35E-05
RP11-861E21.1	C7	-0.222245674	2.57E-06
RP11-861E21.1	LGI3	-0.224123275	2.11E-06
RP11-861E21.1	CDON	-0.279838808	2.43E-09
RP11-861E21.1	BCL2	-0.314612931	1.53E-11
RP11-861E21.1	HLF	-0.228458196	1.32E-06
RP11-861E21.1	EGR1	-0.160622444	0.000730747
RP11-861E21.1	IP6K3	-0.382664287	9.30E-17
RP11-861E21.1	SCUBE3	-0.219264379	3.53E-06
RP11-861E21.1	PKNOX2	-0.198084527	2.92E-05
RP11-861E21.1	SMAD9	-0.261591032	2.66E-08
RP11-861E21.1	IQGAP2	-0.364141048	3.27E-15
RP11-861E21.1	GNA14	-0.2712301	7.68E-09
RP11-861E21.1	LAYN	-0.252241752	8.47E-08
RP11-861E21.1	AVPR1A	-0.319963178	6.59E-12
RP11-861E21.1	PDLIM3	-0.320637083	5.92E-12
RP11-861E21.1	GPM6A	-0.322491988	4.41E-12
RP11-861E21.1	SDPR	-0.18732687	7.86E-05

RP11-861E21.1	CRYAB	-0.336620447	4.31E-13
RP11-861E21.1	FOXA2	-0.186705251	8.31E-05
RP11-861E21.1	C8orf88	-0.348792156	5.28E-14
RP11-861E21.1	ISM1	-0.208857504	1.02E-05
RP11-861E21.1	BMP2	-0.290536749	5.49E-10
RP11-861E21.1	ID4	-0.210234108	8.91E-06
RP11-861E21.1	NUPR1	-0.327605212	1.93E-12
RP11-861E21.1	SERTM1	-0.471605215	1.08E-25
RP11-861E21.1	IRS1	-0.282634429	1.66E-09
RP11-861E21.1	FIBIN	-0.41329739	1.53E-19
RP11-861E21.1	PODN	-0.258884773	3.74E-08
RP11-861E21.1	TDRD9	-0.291364413	4.88E-10
RP11-861E21.1	EPHA3	-0.296383736	2.37E-10
RP11-861E21.1	AIF1L	-0.341898353	1.75E-13
RP11-861E21.1	EBF4	-0.177797447	0.000180735
RP11-861E21.1	ADM2	-0.332228788	8.99E-13
RP11-861E21.1	GSTM3	-0.241563812	3.01E-07
RP11-861E21.1	HSD17B6	-0.089660147	0.060516102
RP11-861E21.1	AGR3	-0.203531	1.73E-05
RP11-861E21.1	EPHB1	-0.392898395	1.18E-17
RP11-861E21.1	TMOD1	-0.342343179	1.63E-13
RP11-861E21.1	WASF3	-0.282798401	1.62E-09
RP11-861E21.1	SELV	-0.196778696	3.30E-05
RP11-861E21.1	ENPP1	-0.236677681	5.27E-07
RP11-861E21.1	SYNE1	-0.275297725	4.48E-09
RP11-861E21.1	PLCH1	-0.309048923	3.60E-11
RP11-861E21.1	CCDC146	-0.148197542	0.001849206
RP11-861E21.1	SLC16A2	-0.255087302	5.98E-08
RP11-861E21.1	IER2	-0.116533226	0.014565353
RP11-861E21.1	KCNAB1	-0.096264161	0.043811337
RP11-861E21.1	SYNDIG1	-0.32238759	4.48E-12
RP11-861E21.1	C16orf89	-0.12972097	0.006494397
RP11-861E21.1	CTGF	-0.19488862	3.94E-05
RP11-861E21.1	NR4A3	-0.22271972	2.45E-06
RP11-861E21.1	KIAA1456	-0.143238787	0.002628388
RP11-861E21.1	AQP4	-0.199149782	2.63E-05
RP11-861E21.1	RNF150	-0.3836294	7.68E-17
RP11-861E21.1	C1S	-0.278072414	3.09E-09
RP11-861E21.1	PFKFB2	-0.336903853	4.11E-13
RP11-861E21.1	PROX1	-0.313160723	1.92E-11
RP11-861E21.1	TCF7L1	-0.175776583	0.00021451
RP11-861E21.1	HSPB6	-0.202532782	1.90E-05
RP11-861E21.1	FHDC1	-0.235227885	6.21E-07
RP11-861E21.1	PRR15L	-0.290223839	5.74E-10
RP11-861E21.1	SLC1A1	-0.328010321	1.80E-12
RP11-861E21.1	BTBD11	-0.211328441	7.98E-06
RP11-861E21.1	TRIM58	-0.310157157	3.04E-11
RP11-861E21.1	LRIG1	-0.383486704	7.90E-17
RP11-861E21.1	ROR2	-0.33167843	9.85E-13
RP11-861E21.1	GPR125	-0.296487283	2.34E-10
RP11-861E21.1	FLRT1	-0.169651438	0.000356475

RP11-861E21.1	PGF	-0.194842946	3.95E-05
RP11-861E21.1	DUSP1	-0.220296016	3.16E-06
RP11-861E21.1	PLA2G7	-0.334423695	6.24E-13
RP11-861E21.1	PLSCR4	-0.296472815	2.34E-10
RP11-861E21.1	FAM46B	-0.330200264	1.26E-12
RP11-861E21.1	GLDC	-0.244690215	2.09E-07
RP11-861E21.1	ZBTB16	-0.279037242	2.71E-09
RP11-861E21.1	OMD	-0.281722241	1.88E-09
RP11-861E21.1	HSD11B2	-0.096778916	0.04269088
RP11-861E21.1	FGL2	-0.280570586	2.20E-09
RP11-861E21.1	CLCNKA	-0.113326401	0.017532852
RP11-861E21.1	GATM	-0.238522799	4.27E-07
RP11-861E21.1	TNS3	-0.408234238	4.63E-19
RP11-861E21.1	TOB1	-0.316161877	1.20E-11
RP11-861E21.1	MARC2	-0.247451083	1.51E-07
RP11-861E21.1	LRRC2	-0.270596196	8.35E-09
RP11-861E21.1	SORD	-0.319177073	7.47E-12
RP11-861E21.1	RIMS4	-0.226739462	1.59E-06
RP11-861E21.1	SLC29A4	-0.219102534	3.59E-06
RP11-861E21.1	SLC39A14	-0.393774713	9.83E-18
RP11-861E21.1	FAXDC2	-0.194090175	4.24E-05
RP11-861E21.1	HSPB8	-0.321616096	5.07E-12
RP11-861E21.1	CCL19	-0.181191932	0.000134969
RP11-861E21.1	KCNIP3	-0.126208182	0.008111108
RP11-861E21.1	CGNL1	-0.217652453	4.17E-06
RP11-861E21.1	ATF3	-0.132949359	0.005269961
RP11-861E21.1	SGCD	-0.384902457	5.96E-17
RP11-861E21.1	STARD13	-0.314569101	1.54E-11
RP11-861E21.1	LDHD	-0.153409916	0.001263092
RP11-861E21.1	RCAN1	-0.285598419	1.10E-09
RP11-861E21.1	ID3	-0.167556531	0.000422451
RP11-861E21.1	SYTL3	-0.311788941	2.37E-11
RP11-861E21.1	MT1E	-0.22851465	1.31E-06
RP11-861E21.1	CAMK1D	-0.279462493	2.56E-09
RP11-861E21.1	PRKCQ	-0.301741359	1.08E-10
RP11-861E21.1	NUAK2	-0.33193375	9.45E-13
RP11-861E21.1	LIPG	-0.082993296	0.082397336
RP11-861E21.1	SLC25A25	-0.376894321	2.89E-16
RP11-861E21.1	PRKX	-0.369793708	1.13E-15
RP11-861E21.1	SRPX	-0.23015537	1.09E-06
RP11-861E21.1	FAM189A1	-0.20679437	1.26E-05
RP11-861E21.1	PLEKHH1	0.019688778	0.680786998
RP11-861E21.1	WNT11	-0.28164577	1.90E-09
RP11-861E21.1	SNAI1	-0.262332881	2.42E-08
RP11-861E21.1	FDCSP	-0.175791994	0.000214231
RP11-861E21.1	MT1X	-0.206402027	1.30E-05
RP11-861E21.1	ACACB	-0.237153996	4.99E-07
RP11-861E21.1	ARC	0.038671311	0.418948879
RP11-861E21.1	KLK4	-0.393435936	1.05E-17
RP11-861E21.1	ZFPM2	-0.305150317	6.50E-11
RP11-861E21.1	AKAP12	-0.290722849	5.35E-10

RP11-861E21.1	GJB6	-0.329788535	1.35E-12
RP11-861E21.1	ERO1LB	-0.239487486	3.82E-07
RP11-861E21.1	DNALI1	-0.118425153	0.013029894
RP11-861E21.1	HKDC1	-0.346588454	7.78E-14
RP11-861E21.1	ZFP36L2	-0.316869399	1.07E-11
RP11-861E21.1	CAPSL	-0.163757419	0.000571911
RP11-861E21.1	CYP7B1	-0.406997776	6.05E-19
RP11-861E21.1	CPQ	-0.199501841	2.55E-05
RP11-861E21.1	RPS6KA6	-0.266733485	1.38E-08
RP11-861E21.1	TLE1	-0.429997072	3.50E-21
RP11-861E21.1	TP53INP2	-0.219681403	3.37E-06
RP11-861E21.1	KATNAL2	-0.172382945	0.000284823
RP11-861E21.1	SGPP2	-0.43973685	3.49E-22
RP11-861E21.1	CTH	-0.330829488	1.13E-12
RP11-861E21.1	KIF12	-0.050375499	0.292275289
RP11-861E21.1	TMEM220	-0.213231574	6.58E-06
RP11-861E21.1	CENPJ	-0.136503992	0.004165546
RP11-861E21.1	FAM155B	0.001463555	0.975606503
RP11-861E21.1	WFS1	-0.302264483	1.00E-10
RP11-861E21.1	SELENBP1	-0.100171703	0.035894008
RP11-861E21.1	SNTA1	-0.296566574	2.31E-10
RP11-861E21.1	FRAS1	-0.345442064	9.50E-14
RP11-861E21.1	FBLN7	-0.24256169	2.68E-07
RP11-861E21.1	AGPAT9	-0.218378983	3.87E-06
RP11-861E21.1	GPR83	-0.194197552	4.20E-05
RP11-861E21.1	PRTG	-0.223272915	2.31E-06
RP11-861E21.1	EGR3	-0.07572332	0.113118273
RP11-861E21.1	GRAMD2	-0.190408592	5.95E-05
RP11-861E21.1	HYOU1	-0.366724327	2.02E-15
RP11-861E21.1	FBLN5	-0.224222992	2.08E-06
RP11-861E21.1	ITM2A	-0.223519583	2.25E-06
RP11-861E21.1	SRF	-0.203348249	1.76E-05
RP11-861E21.1	FGFR2	-0.274829698	4.77E-09
RP11-861E21.1	MT1A	-0.27126621	7.64E-09
RP11-861E21.1	MAMDC2	-0.170636976	0.000328879
RP11-861E21.1	FHL2	-0.369484487	1.20E-15
RP11-861E21.1	FTCDNL1	-0.448917334	3.71E-23
RP11-861E21.1	PKIA	-0.222098865	2.61E-06
RP11-861E21.1	DNAJB4	-0.211142199	8.13E-06
RP11-861E21.1	SLC25A33	-0.37505516	4.13E-16
RP11-861E21.1	EYA2	-0.442455023	1.81E-22
RP11-861E21.1	LPAR1	-0.512133624	1.01E-30
RP11-861E21.1	STX11	-0.282760103	1.63E-09
RP11-861E21.1	ARHGEF28	-0.392120092	1.38E-17
RP11-861E21.1	OR2W3	-0.215051869	5.46E-06
RP11-861E21.1	ALDH1B1	-0.512308254	9.56E-31
RP11-861E21.1	CXCL12	-0.275583462	4.31E-09
RP11-861E21.1	OLFM2	-0.069173917	0.14790927
RP11-861E21.1	TUB	-0.187949001	7.43E-05
RP11-861E21.1	HTRA3	-0.170328605	0.000337292
RP11-861E21.1	CKB	-0.200770218	2.26E-05

RP11-861E21.1	RGS2	-0.27491594	4.71E-09
RP11-861E21.1	SHANK2	-0.261368052	2.74E-08
RP11-861E21.1	CNTFR	-0.141411344	0.002983971
RP11-861E21.1	CYTH3	-0.277209288	3.47E-09
RP11-861E21.1	PLAC9	-0.083273581	0.081363515
RP11-861E21.1	WVOX	-0.26600184	1.52E-08
RP11-861E21.1	NPR3	-0.197692893	3.03E-05
RP11-861E21.1	SDC2	-0.209483181	9.61E-06
RP11-861E21.1	KLF15	-0.136980165	0.004034701
RP11-861E21.1	TMEM164	-0.412124333	1.99E-19
RP11-861E21.1	LONRF3	-0.107861823	0.023814418
RP11-861E21.1	GBP1	-0.183684577	0.000108555
RP11-861E21.1	ARHGAP6	-0.289235747	6.60E-10
RP11-861E21.1	TMEM119	-0.255423617	5.74E-08
RP11-861E21.1	SH3RF1	-0.408833107	4.07E-19
RP11-861E21.1	CRELD2	-0.178901993	0.000164449
RP11-861E21.1	PCP4	-0.197545942	3.07E-05
RP11-861E21.1	GCSH	-0.184105714	0.000104604
RP11-861E21.1	IMPA2	-0.273538058	5.66E-09
RP11-861E21.1	C1R	-0.247048528	1.58E-07
RP11-861E21.1	SUCNR1	-0.211098511	8.17E-06
RP11-861E21.1	SFRP1	-0.269612927	9.49E-09
RP11-861E21.1	UGT8	-0.366947875	1.94E-15
RP11-861E21.1	TLE4	-0.328749758	1.60E-12
RP11-861E21.1	ANTXR1	-0.345237381	9.84E-14
RP11-861E21.1	GPX3	-0.296838349	2.22E-10
RP11-861E21.1	DPY19L2	0.025969386	0.587364445
RP11-861E21.1	FAM46C	-0.359741162	7.38E-15
RP11-861E21.1	IL33	-0.192541662	4.89E-05
RP11-861E21.1	PEG3	-0.307458842	4.59E-11
RP11-861E21.1	FAHD2A	-0.114886691	0.016028787
RP11-861E21.1	PTGDS	-0.155123118	0.001111444
RP11-861E21.1	CHCHD10	-0.240294442	3.48E-07
RP11-861E21.1	CD36	-0.246218735	1.74E-07
RP11-861E21.1	ANKRD37	-0.068013768	0.154843014
RP11-861E21.1	TSPAN33	-0.309936305	3.15E-11
RP11-861E21.1	PRDM16	-0.204167545	1.62E-05
RP11-861E21.1	UST	-0.126708469	0.007860847
RP11-861E21.1	NEXN	-0.245534192	1.89E-07
RP11-861E21.1	NUPR1L	-0.071912187	0.132483546
RP11-861E21.1	SLC24A3	-0.457540226	4.24E-24
RP11-861E21.1	MARC1	-0.19079214	5.74E-05
RP11-861E21.1	MYH11	-0.117217344	0.013992697
RP11-861E21.1	APOA1	-0.10704856	0.024898736
RP11-861E21.1	TMEM178B	-0.221997446	2.64E-06
RP11-861E21.1	CAPN6	-0.243772793	2.33E-07
RP11-861E21.1	PPM1L	-0.349698261	4.50E-14
RP11-861E21.1	FZD8	-0.264575306	1.82E-08
RP11-861E21.1	RCAN2	-0.221111624	2.90E-06
RP11-861E21.1	COPZ2	-0.302452286	9.72E-11
RP11-861E21.1	GAS1	-0.324993564	2.94E-12

RP11-861E21.1	DACT1	-0.216968619	4.48E-06
RP11-861E21.1	WBSCR17	-0.164735945	0.000529315
RP11-861E21.1	NCS1	-0.330642537	1.17E-12
RP11-861E21.1	SPIRE2	-0.135092068	0.00457638
RP11-861E21.1	C15orf52	-0.202623705	1.89E-05
RP11-861E21.1	SPAG5	-0.178786106	0.000166091
RP11-861E21.1	ARL4D	-0.285848066	1.06E-09
RP11-861E21.1	FAM189A2	-0.056602489	0.2366025
RP11-861E21.1	MAP1LC3A	-0.113343986	0.017515237
RP11-861E21.1	KLF6	-0.159090094	0.000822433
RP11-861E21.1	ADD3	-0.256916392	4.77E-08
RP11-861E21.1	TSPAN7	-0.180700444	0.000140844
RP11-861E21.1	KLF9	-0.236337537	5.48E-07
RP11-861E21.1	KCNQ1	-0.217764085	4.12E-06
RP11-861E21.1	MAN1A1	-0.31295519	1.98E-11
RP11-861E21.1	MLF1	-0.237493715	4.80E-07
RP11-861E21.1	RARB	-0.249666275	1.16E-07
RP11-861E21.1	CDC42EP2	-0.178590502	0.000168897
RP11-861E21.1	FAM3B	-0.20095334	2.22E-05
RP11-861E21.1	GADD45B	-0.154730917	0.0011446
RP11-861E21.1	TMEM47	-0.221862551	2.68E-06
RP11-861E21.1	SDF2L1	-0.131199845	0.005904938
RP11-861E21.1	CCDC85A	-0.292936622	3.90E-10
RP11-861E21.1	CRYBG3	-0.357473346	1.12E-14
RP11-861E21.1	FBLN2	-0.193880812	4.32E-05
RP11-861E21.1	PEBP4	-0.080477251	0.092160282
RP11-861E21.1	CDADC1	-0.20789381	1.13E-05
RP11-861E21.1	FAM63A	-0.26302792	2.22E-08
RP11-861E21.1	GLUL	-0.289812063	6.08E-10
RP11-861E21.1	FREM2	-0.245619866	1.87E-07
RP11-861E21.1	ACKR3	-0.16033535	0.00074717
RP11-861E21.1	DENND6A	-0.335533206	5.18E-13
RP11-861E21.1	CLDN8	-0.327383792	2.00E-12
RP11-861E21.1	UTS2R	-0.170065343	0.000344632
RP11-861E21.1	SCNN1B	-0.198135875	2.90E-05
RP11-861E21.1	TTC30A	-0.379268804	1.82E-16
RP11-861E21.1	CORO2B	-0.169262357	0.000367952
RP11-861E21.1	TC2N	-0.477688724	2.09E-26
RP11-861E21.1	ALDH2	-0.316787838	1.09E-11
RP11-861E21.1	GPR183	-0.238651878	4.21E-07
RP11-861E21.1	C4orf47	-0.017399118	0.716201425
RP11-861E21.1	SLC25A42	-0.115203714	0.015737396
RP11-861E21.1	LGMN	-0.356215749	1.40E-14
RP11-861E21.1	ACSF2	-0.281641514	1.90E-09
RP11-861E21.1	KIAA1467	-0.40746019	5.48E-19
RP11-861E21.1	PRKG1	-0.216678546	4.62E-06
RP11-861E21.1	GNAI1	-0.272913374	6.15E-09
RP11-861E21.1	ABCC4	-0.445766534	8.07E-23
RP11-861E21.1	PRPS1	-0.403690237	1.23E-18
RP11-861E21.1	TSPAN5	-0.332811203	8.16E-13
RP11-861E21.1	CR2	-0.150647934	0.001548117

RP11-861E21.1	CCDC170	-0.311723976	2.39E-11
RP11-861E21.1	RRAD	-0.120815239	0.011295252
RP11-861E21.1	SCGB2A1	-0.200242271	2.37E-05
RP11-861E21.1	SESN3	-0.383782025	7.45E-17
RP11-861E21.1	SGK223	-0.206443446	1.30E-05
RP11-861E21.1	NDRG2	-0.263274589	2.15E-08
RP11-861E21.1	C3orf52	-0.240825084	3.28E-07
RP11-861E21.1	FLRT3	0.158893497	0.000834937
RP11-861E21.1	MST1R	0.415262368	9.94E-20
RP11-861E21.1	SDC1	-0.000981708	0.983636188
RP11-861E21.1	ST8SIA4	0.107579694	0.024185863
RP11-861E21.1	UBTD1	0.418138131	5.24E-20
RP11-861E21.1	EPHA2	0.249731523	1.15E-07
RP11-861E21.1	TMEM130	0.365745598	2.43E-15
RP11-861E21.1	SPINK2	0.227118471	1.52E-06
RP11-861E21.1	MMP16	0.230538777	1.05E-06
RP11-861E21.1	SIGLEC15	0.311314612	2.55E-11
RP11-861E21.1	RIN1	0.386781902	4.08E-17
RP11-861E21.1	IL1RN	0.040559833	0.396577865
RP11-861E21.1	FCER1G	0.096972676	0.042275427
RP11-861E21.1	CD276	0.243240844	2.47E-07
RP11-861E21.1	CTSB	0.219920553	3.29E-06
RP11-861E21.1	FAM171A2	0.393040949	1.14E-17
RP11-861E21.1	ASPHD1	0.33632314	4.53E-13
RP11-861E21.1	C15orf48	0.043384674	0.364488655
RP11-861E21.1	DYSF	0.274229127	5.17E-09
RP11-861E21.1	PDZRN4	0.282698684	1.64E-09
RP11-861E21.1	EFHD2	0.318798915	7.93E-12
RP11-861E21.1	ASF1B	0.209979497	9.14E-06
RP11-861E21.1	AQP1	0.256710859	4.90E-08
RP11-861E21.1	ARRDC2	0.500496529	3.29E-29
RP11-861E21.1	PRSS1	0.323945564	3.49E-12
RP11-861E21.1	MAPK13	0.298598928	1.72E-10
RP11-861E21.1	CST5	0.191659516	5.30E-05
RP11-861E21.1	AHR	0.089873198	0.059904911
RP11-861E21.1	BAX	0.33601633	4.77E-13
RP11-861E21.1	C1orf115	0.399032051	3.29E-18
RP11-861E21.1	PLK3	0.338769113	3.00E-13
RP11-861E21.1	JAG2	0.492170376	3.67E-28
RP11-861E21.1	RAD23B	0.217149897	4.40E-06
RP11-861E21.1	CA12	0.230837502	1.01E-06
RP11-861E21.1	ADTRP	0.338780177	2.99E-13
RP11-861E21.1	UCP2	0.372628762	6.59E-16
RP11-861E21.1	IGFBP2	0.205775356	1.39E-05
RP11-861E21.1	LOXL2	0.270825984	8.10E-09
RP11-861E21.1	GPX1	0.309432614	3.40E-11
RP11-861E21.1	P3H3	0.421218859	2.62E-20
RP11-861E21.1	C2orf81	0.463796153	8.47E-25
RP11-861E21.1	CDT1	0.261410747	2.72E-08
RP11-861E21.1	SNX25	0.385113664	5.71E-17
RP11-861E21.1	MTHFD1L	0.195817704	3.61E-05

RP11-861E21.1	CDC42BPG	0.322572851	4.35E-12
RP11-861E21.1	MSN	0.188857092	6.85E-05
RP11-861E21.1	SIGLEC6	0.283166398	1.54E-09
RP11-861E21.1	F2R	0.17112705	0.000315911
RP11-861E21.1	TMEM184A	0.435792002	8.95E-22
RP11-861E21.1	CKS2	0.202877182	1.84E-05
RP11-861E21.1	TAX1BP3	0.295315928	2.77E-10
RP11-861E21.1	PMEPA1	0.199127796	2.64E-05
RP11-861E21.1	CXCL16	0.169123349	0.000372135
RP11-861E21.1	FAXC	0.312281426	2.19E-11
RP11-861E21.1	VTCN1	0.12143394	0.010880929
RP11-861E21.1	SH2D4A	0.24001132	3.60E-07
RP11-861E21.1	RNF24	0.250643444	1.03E-07
RP11-861E21.1	LY6G6C	0.287500945	8.43E-10
RP11-861E21.1	NID1	0.199676452	2.51E-05
RP11-861E21.1	STAC	0.132564676	0.005404056
RP11-861E21.1	RAB34	0.439384366	3.80E-22
RP11-861E21.1	HES4	0.444977876	9.79E-23
RP11-861E21.1	EPHA10	0.325370021	2.77E-12
RP11-861E21.1	ENTPD2	0.370559103	9.78E-16
RP11-861E21.1	DDB2	0.35719377	1.17E-14
RP11-861E21.1	NKAIN4	0.382971949	8.75E-17
RP11-861E21.1	TRIM29	0.179429231	0.00015717
RP11-861E21.1	ADCY8	0.287905887	7.96E-10
RP11-861E21.1	SFTA2	0.205222729	1.47E-05
RP11-861E21.1	NRIP1	0.137020166	0.004023881
RP11-861E21.1	VWA1	0.337663858	3.61E-13
RP11-861E21.1	APLNR	0.172762521	0.000276005
RP11-861E21.1	REN	0.459997731	2.26E-24
RP11-861E21.1	EDIL3	0.238087619	4.49E-07
RP11-861E21.1	AGRN	0.313921011	1.70E-11
RP11-861E21.1	TREM1	0.223265681	2.31E-06
RP11-861E21.1	SRL	0.269404415	9.76E-09
RP11-861E21.1	RASGRF1	0.404931947	9.43E-19
RP11-861E21.1	RMI2	0.244201134	2.21E-07
RP11-861E21.1	SAMD1	0.41885544	4.46E-20
RP11-861E21.1	MGAT4B	0.334695896	5.96E-13
RP11-861E21.1	NXN	0.264326368	1.88E-08
RP11-861E21.1	SH3BGRL3	0.261787061	2.59E-08
RP11-861E21.1	CA11	0.471189675	1.21E-25
RP11-861E21.1	PLD3	0.466435744	4.25E-25
RP11-861E21.1	LURAP1L	0.072644152	0.128578125
RP11-861E21.1	CARNS1	0.555306382	7.04E-37
RP11-861E21.1	PDLIM7	0.453701904	1.12E-23
RP11-861E21.1	BCL2L1	0.190317953	6.00E-05
RP11-861E21.1	GGT6	0.270082575	8.93E-09
RP11-861E21.1	DPYSL3	0.269153633	1.01E-08
RP11-861E21.1	FYN	0.269579735	9.53E-09
RP11-861E21.1	TK1	0.156135323	0.001029922
RP11-861E21.1	AK1	0.374038558	5.02E-16
RP11-861E21.1	HIGD1B	0.388022903	3.18E-17

RP11-861E21.1	TMEM59L	0.231645734	9.27E-07
RP11-861E21.1	MEGF9	0.169930021	0.000348463
RP11-861E21.1	ZFP36L1	0.176973896	0.000193848
RP11-861E21.1	ADRA1B	0.364439632	3.10E-15
RP11-861E21.1	EPHA4	0.180520301	0.000143056
RP11-861E21.1	TCERG1L	0.371722799	7.83E-16
RP11-861E21.1	NGFR	0.23199907	8.91E-07
RP11-861E21.1	EBI3	0.131278143	0.005875113
RP11-861E21.1	S100A10	0.089702417	0.060394433
RP11-861E21.1	S100B	0.103682506	0.029851668
RP11-861E21.1	CD44	0.323311284	3.86E-12
RP11-861E21.1	BHLHE41	0.261573443	2.67E-08
RP11-861E21.1	FBX02	0.355505532	1.59E-14
RP11-861E21.1	SLC30A2	0.066395034	0.164924942
RP11-861E21.1	FRMD5	0.139307131	0.003447216
RP11-861E21.1	SAMD11	0.30125781	1.16E-10
RP11-861E21.1	SIPA1L2	0.33482001	5.84E-13
RP11-861E21.1	S100A16	0.266966527	1.34E-08
RP11-861E21.1	PPL	0.126700525	0.007864766
RP11-861E21.1	ARHGDIB	0.303833997	7.91E-11
RP11-861E21.1	CDC42EP3	0.129177137	0.006724089
RP11-861E21.1	RUNX2	0.328603091	1.64E-12
RP11-861E21.1	LAMC2	0.097177784	0.041839363
RP11-861E21.1	BRINP1	0.238913015	4.08E-07
RP11-861E21.1	GPRC5B	0.255161771	5.93E-08
RP11-861E21.1	AQP5	0.313464696	1.83E-11
RP11-861E21.1	PLAG1	0.485988635	2.11E-27
RP11-861E21.1	PTPRU	0.128304365	0.007107947
RP11-861E21.1	ANGPTL4	0.165926449	0.000481467
RP11-861E21.1	PALM3	0.365102898	2.74E-15
RP11-861E21.1	ACP5	0.163054942	0.000604428
RP11-861E21.1	DLG4	0.587536375	4.27E-42
RP11-861E21.1	ETNK2	0.441599841	2.23E-22
RP11-861E21.1	CD109	0.272102163	6.85E-09
RP11-861E21.1	SNX22	0.401098589	2.13E-18
RP11-861E21.1	TMEM98	0.328084364	1.78E-12
RP11-861E21.1	CTHRC1	0.129419833	0.0066207
RP11-861E21.1	S100A2	0.13513065	0.004564685
RP11-861E21.1	C11orf80	0.356340715	1.37E-14
RP11-861E21.1	SREBF1	0.444902131	9.97E-23
RP11-861E21.1	PRSS22	0.42550527	9.87E-21
RP11-861E21.1	CMTM3	0.281550876	1.92E-09
RP11-861E21.1	RDH5	0.433236241	1.64E-21
RP11-861E21.1	MYH10	0.225204842	1.87E-06
RP11-861E21.1	EVPL	0.336237608	4.60E-13
RP11-861E21.1	SCD	0.135386254	0.00448788
RP11-861E21.1	CD151	0.415248467	9.97E-20
RP11-861E21.1	S100A4	0.232737372	8.21E-07
RP11-861E21.1	BNIP1	0.469488104	1.90E-25
RP11-861E21.1	MAP3K6	0.433390427	1.58E-21
RP11-861E21.1	MANEAL	0.28232237	1.73E-09

RP11-861E21.1	CD207	0.192974844	4.70E-05
RP11-861E21.1	CD1A	0.192454805	4.93E-05
RP11-861E21.1	C3	0.049302017	0.302693878
RP11-861E21.1	NT5E	0.140525294	0.003171661
RP11-861E21.1	CACNG4	0.187487004	7.74E-05
RP11-861E21.1	FHOD1	0.579630793	9.21E-41
RP11-861E21.1	LEMD1	0.258865908	3.75E-08
RP11-861E21.1	ATP11A	0.410895673	2.60E-19
RP11-861E21.1	PPAP2C	0.315066551	1.42E-11
RP11-861E21.1	DRAM1	0.233859791	7.24E-07
RP11-861E21.1	CDA	0.362585861	4.37E-15
RP11-861E21.1	CCND2	0.316461879	1.15E-11
RP11-861E21.1	LCN6	0.389953	2.15E-17
RP11-861E21.1	CDH4	0.251044298	9.79E-08
RP11-861E21.1	MMP11	0.244946954	2.03E-07
RP11-861E21.1	B3GAT1	0.417905221	5.52E-20
RP11-861E21.1	SPP1	0.075121756	0.116017942
RP11-861E21.1	HLA-DQB1	0.021470492	0.653701559
RP11-861E21.1	SDC3	0.309442969	3.39E-11
RP11-861E21.1	CX3CL1	0.146575829	0.002077007
RP11-861E21.1	SDK1	0.240387918	3.45E-07
RP11-861E21.1	DOCK9	0.235599235	5.95E-07
RP11-861E21.1	CSF2	0.3073149	4.69E-11
RP11-861E21.1	GRHL3	0.270481018	8.47E-09
RP11-861E21.1	TMEM92	0.246889713	1.61E-07
RP11-861E21.1	BASP1	0.255208722	5.89E-08
RP11-861E21.1	HRH1	0.216040954	4.93E-06
RP11-861E21.1	ESM1	0.285854024	1.06E-09
RP11-861E21.1	B4GALNT3	0.176162685	0.000207632
RP11-861E21.1	LMO3	0.392628748	1.24E-17
RP11-861E21.1	C9orf16	0.3253008	2.80E-12
RP11-861E21.1	SEMA3F	0.409135945	3.81E-19
RP11-861E21.1	PLA2G12B	0.490184512	6.47E-28
RP11-861E21.1	KLK6	0.330829461	1.13E-12
RP11-861E21.1	ST3GAL5	0.489093052	8.81E-28
RP11-861E21.1	FAM132B	0.313352497	1.86E-11
RP11-861E21.1	CDKN1A	0.091601152	0.055133978
RP11-861E21.1	E2F1	0.25359935	7.18E-08
RP11-861E21.1	B3GNT8	0.381053497	1.28E-16
RP11-861E21.1	MTMR11	0.449307975	3.37E-23
RP11-861E21.1	MYO1G	0.199830779	2.47E-05
RP11-861E21.1	TMSB10	0.29554444	2.68E-10
RP11-861E21.1	UNC5CL	0.354523398	1.90E-14
RP11-861E21.1	ABR	0.236101366	5.62E-07
RP11-861E21.1	PLP2	0.27928845	2.62E-09
RP11-861E21.1	SRCIN1	0.449736063	3.03E-23
RP11-861E21.1	PDE9A	0.326777264	2.20E-12
RP11-861E21.1	TREM2	0.140259619	0.003229993
RP11-861E21.1	KDELR3	0.248722297	1.29E-07
RP11-861E21.1	PC	0.294922025	2.93E-10
RP11-861E21.1	C2CD4A	0.104977833	0.027853835

RP11-861E21.1	PELI1	0.212174262	7.32E-06
RP11-861E21.1	SSX1	0.238137123	4.46E-07
RP11-861E21.1	MROH6	0.363305724	3.82E-15
RP11-861E21.1	ESPN	0.373574584	5.49E-16
RP11-861E21.1	BMP1	0.551642955	2.54E-36
RP11-861E21.1	TM4SF4	0.315616991	1.31E-11
RP11-861E21.1	CORO2A	0.25299197	7.73E-08
RP11-861E21.1	CD164L2	0.373525306	5.55E-16
RP11-861E21.1	CTSS	0.117444863	0.013806686
RP11-861E21.1	CLU	0.244208084	2.21E-07
RP11-861E21.1	TMSB4X	0.220187647	3.20E-06
RP11-861E21.1	WNT10A	0.274481478	5.00E-09
RP11-861E21.1	NAPSA	0.293284142	3.71E-10
RP11-861E21.1	PLEKHA4	0.377237302	2.70E-16
RP11-861E21.1	SFTPA1	0.271940664	7.00E-09
RP11-861E21.1	C1orf116	0.25974946	3.35E-08
RP11-861E21.1	TM4SF1	0.163287142	0.000593495
RP11-861E21.1	SEL1L3	0.175728072	0.000215389
RP11-861E21.1	VASN	0.361879615	4.98E-15
RP11-861E21.1	NPTXR	0.190694125	5.79E-05
RP11-861E21.1	PDE4C	0.383300603	8.20E-17
RP11-861E21.1	CDC42EP1	0.286118139	1.02E-09
RP11-861E21.1	ENDOD1	0.163863316	0.000567152
RP11-861E21.1	RYR1	0.382312795	9.97E-17
RP11-861E21.1	IL1RAP	0.253067006	7.66E-08
RP11-861E21.1	SLC35F2	0.329610272	1.39E-12
RP11-861E21.1	ISYNA1	0.537569531	3.05E-34
RP11-861E21.1	HLA-G	0.094553511	0.047714161
RP11-861E21.1	CDKN2B	0.144936812	0.002333042
RP11-861E21.1	ALDH1A3	0.165528433	0.000496997
RP11-861E21.1	CLIP3	0.357554907	1.10E-14
RP11-861E21.1	ULBP2	0.295371247	2.75E-10
RP11-861E21.1	ETHE1	0.237151018	4.99E-07
RP11-861E21.1	XPR1	0.219686934	3.37E-06
RP11-861E21.1	SPTBN2	0.194613157	4.04E-05
RP11-861E21.1	IVL	0.209765911	9.34E-06
RP11-861E21.1	MARCO	0.117986711	0.013372428
RP11-861E21.1	PLXND1	0.360629678	6.27E-15
RP11-861E21.1	EMILIN2	0.28518792	1.16E-09
RP11-861E21.1	PLAUR	0.171896558	0.000296507
RP11-861E21.1	CDC42EP5	0.350129753	4.17E-14
RP11-861E21.1	TRPC5	0.402568743	1.56E-18
RP11-861E21.1	TMEM100	0.155294608	0.001097227
RP11-861E21.1	QSOX1	0.307359977	4.66E-11
RP11-861E21.1	ARHGAP23	0.328824227	1.58E-12
RP11-861E21.1	MDF1	0.267743837	1.21E-08
RP11-861E21.1	FSTL3	0.278493835	2.92E-09
RP11-861E21.1	INF2	0.418857426	4.46E-20
RP11-861E21.1	TGFBR1	0.224175332	2.09E-06
RP11-861E21.1	TGFBI	0.174289623	0.00024304
RP11-861E21.1	ERBB3	0.224144126	2.10E-06

RP11-861E21.1	CCL18	0.128326209	0.007098105
RP11-861E21.1	CCL17	0.175335806	0.000222622
RP11-861E21.1	C16orf45	0.39088434	1.78E-17
RP11-861E21.1	PRDM1	0.305039536	6.61E-11
RP11-861E21.1	TRIM47	0.31360952	1.79E-11
RP11-861E21.1	CNFN	0.378493906	2.12E-16
RP11-861E21.1	ARMCX3	0.367967881	1.60E-15
RP11-861E21.1	RAMP1	0.331150057	1.08E-12
RP11-861E21.1	GABRD	0.423623698	1.52E-20
RP11-861E21.1	COL13A1	0.614144347	7.26E-47
RP11-861E21.1	S100A5	0.40238498	1.62E-18
RP11-861E21.1	MISP	0.123760223	0.009441017
RP11-861E21.1	HES6	0.379057739	1.89E-16
RP11-861E21.1	PSD3	0.243272333	2.47E-07
RP11-861E21.1	DOK7	0.328986639	1.54E-12
RP11-861E21.1	ZMAT3	0.134120714	0.004879892
RP11-861E21.1	MFAP2	0.313553775	1.80E-11
RP11-861E21.1	TMEM79	0.375752186	3.61E-16
RP11-861E21.1	SLC1A5	0.212790153	6.88E-06
RP11-861E21.1	BBC3	0.390196959	2.05E-17
RP11-861E21.1	HLA-DQB2	0.074274233	0.120201583
RP11-861E21.1	C1QL1	0.397407927	4.63E-18
RP11-861E21.1	TMEM215	0.415134959	1.02E-19
RP11-861E21.1	PNP	0.229209123	1.21E-06
RP11-861E21.1	ARNTL	0.316833228	1.08E-11
RP11-861E21.1	CLDN2	0.292653226	4.06E-10
RP11-861E21.1	MVP	0.245785966	1.83E-07
RP11-861E21.1	LGALS1	0.252179199	8.53E-08
RP11-861E21.1	BIRC7	0.429010561	4.40E-21
RP11-861E21.1	COL8A1	0.22938572	1.19E-06
RP11-861E21.1	PERP	0.158426402	0.000865352
RP11-861E21.1	GJA4	0.438113294	5.15E-22
RP11-861E21.1	IGFL2	0.26268942	2.31E-08
RP11-861E21.1	DAPK2	0.418861256	4.46E-20
RP11-861E21.1	MAMLD1	0.334065679	6.62E-13
RP11-861E21.1	ETV5	0.346464481	7.95E-14
RP11-861E21.1	RUNX1	0.140211392	0.003240686
RP11-861E21.1	LONRF2	0.424247673	1.32E-20
RP11-861E21.1	SPOCK1	0.312559017	2.10E-11
RP11-861E21.1	XKRX	0.330174448	1.26E-12
RP11-861E21.1	TGFB1	0.382009815	1.06E-16
RP11-861E21.1	ERP27	0.247691652	1.46E-07
RP11-861E21.1	TNFRSF10C	0.246566397	1.67E-07
RP11-861E21.1	PALM	0.323046318	4.03E-12
RP11-861E21.1	TSC22D1	0.359692084	7.44E-15
RP11-861E21.1	TGM2	0.076265735	0.11055279
RP11-861E21.1	UBE2QL1	0.455152977	7.78E-24
RP11-861E21.1	ECE1	0.333632201	7.12E-13
RP11-861E21.1	COL8A2	0.245763271	1.84E-07
RP11-861E21.1	HIST3H2A	0.250097909	1.10E-07
RP11-861E21.1	TNFRSF21	0.148821092	0.001767882

RP11-861E21.1	SOX4	0.177887093	0.000179359
RP11-861E21.1	ELF3	0.179944128	0.000150354
RP11-861E21.1	TPD52L1	0.345174828	9.95E-14
RP11-861E21.1	INHBB	0.354317865	1.97E-14
RP11-861E21.1	HPN	0.426120167	8.57E-21
RP11-861E21.1	MMP7	0.104510378	0.028561147
RP11-861E21.1	RAB27A	0.29070753	5.36E-10
RP11-861E21.1	IGF2BP2	0.444940713	9.88E-23
RP11-861E21.1	ITGB4	0.25831399	4.01E-08
RP11-861E21.1	PPP1R1B	0.393974572	9.43E-18
RP11-861E21.1	NPDC1	0.531566372	2.20E-33
RP11-861E21.1	CCL13	0.143654018	0.002553176
RP11-861E21.1	SPINT1	0.242179702	2.80E-07
RP11-861E21.1	HEY2	0.500660218	3.14E-29
RP11-861E21.1	CST2	0.148794686	0.001771259
RP11-861E21.1	ADM	0.326245203	2.40E-12
RP11-861E21.1	VSTM2L	0.130949205	0.006001327
RP11-861E21.1	FAM84A	0.27952221	2.54E-09
RP11-861E21.1	P4HA2	0.300787169	1.24E-10
RP11-861E21.1	LPL	0.415858683	8.71E-20
RP11-861E21.1	TMEM173	0.388721205	2.76E-17
RP11-861E21.1	DHRS3	0.444319858	1.15E-22
RP11-861E21.1	SCN1B	0.382826274	9.01E-17
RP11-861E21.1	GLT1D1	0.410806594	2.65E-19
RP11-861E21.1	PHYHIP	0.331880984	9.53E-13
RP11-861E21.1	BHLHE40	0.219322251	3.50E-06
RP11-861E21.1	BID	0.337576907	3.67E-13
RP11-861E21.1	POSTN	0.053769989	0.260924919
RP11-861E21.1	ITGA3	0.210053398	9.07E-06
RP11-861E21.1	RSPO4	0.346589305	7.78E-14
RP11-861E21.1	ADAMTS9	0.4615194	1.53E-24
RP11-861E21.1	ABTB2	0.240830474	3.27E-07
RP11-861E21.1	KCNQ3	0.249155208	1.23E-07
RP11-861E21.1	ANXA1	0.308335869	4.02E-11
RP11-861E21.1	S100A11	0.292583854	4.10E-10
RP11-861E21.1	CEACAM6	0.138374947	0.003672554
RP11-861E21.1	IER5L	0.356120713	1.43E-14
RP11-861E21.1	KRT80	0.196000117	3.55E-05
RP11-861E21.1	CDH6	0.176735171	0.000197813
RP11-861E21.1	UNC5B	0.243162971	2.50E-07
RP11-861E21.1	PLEKHN1	0.479623204	1.23E-26
RP11-861E21.1	SYTL1	0.509738715	2.09E-30
RP11-861E21.1	TMEM163	0.278513693	2.91E-09
RP11-861E21.1	C4orf48	0.360833368	6.04E-15
RP11-861E21.1	B3GNT7	0.400107945	2.63E-18
RP11-861E21.1	BAIAP3	0.409190414	3.77E-19
RP11-861E21.1	PHLDA2	0.307791894	4.36E-11
RP11-861E21.1	GAP43	0.280116391	2.34E-09
RP11-861E21.1	S100A1	0.328098974	1.78E-12
RP11-861E21.1	PTPRE	0.293635775	3.53E-10
RP11-861E21.1	CCND1	0.236114415	5.62E-07

RP11-861E21.1	ST6GALNAC5	0.189265031	6.60E-05
RP11-861E21.1	KRT17	0.20825906	1.09E-05
RP11-861E21.1	HPCAL4	0.446867108	6.16E-23
RP11-861E21.1	GABBR2	0.29387138	3.41E-10
RP11-861E21.1	DIRAS3	0.419877432	3.55E-20
RP11-861E21.1	SERINC2	0.323099793	4.00E-12
RP11-861E21.1	PTCHD4	0.268229088	1.14E-08
RP11-861E21.1	EPS8	0.306732313	5.12E-11
RP11-861E21.1	LY6E	0.304743648	6.91E-11
RP11-861E21.1	UPP1	0.338115918	3.35E-13
RP11-861E21.1	AHNAK2	0.217369189	4.30E-06
RP11-861E21.1	PLXNC1	0.289263407	6.58E-10
RP11-861E21.1	TNC	0.042351334	0.376034613
RP11-861E21.1	DUSP4	0.297459204	2.03E-10
RP11-861E21.1	NRCAM	0.262385647	2.41E-08
RP11-861E21.1	NRP2	0.368478948	1.45E-15
RP11-861E21.1	CTSC	0.243563966	2.38E-07
RP11-861E21.1	AMIGO2	0.398735879	3.51E-18
RP11-861E21.1	NAB2	0.474762889	4.62E-26
RP11-861E21.1	TBC1D2	0.210909999	8.32E-06
RP11-861E21.1	PHLDA3	0.355168651	1.69E-14
RP11-861E21.1	PTP4A3	0.442342682	1.86E-22
RP11-861E21.1	CRABP2	0.310919857	2.71E-11
RP11-861E21.1	GOS2	0.296679908	2.27E-10
RP11-861E21.1	S100A6	0.318404728	8.44E-12
RP11-861E21.1	FOXQ1	0.288364678	7.46E-10
RP11-861E21.1	LRG1	0.337043712	4.01E-13
RP11-861E21.1	LAMP5	0.246565404	1.67E-07
RP11-861E21.1	ALDH3B1	0.311510925	2.47E-11
RP11-861E21.1	CDH2	0.225422858	1.83E-06
RP11-861E21.1	SCG5	0.446459162	6.81E-23
RP11-861E21.1	ZCCHC16	0.44726286	5.58E-23
RP11-861E21.1	GRB7	0.360520741	6.39E-15
RP11-861E21.1	TIAM1	0.315035912	1.43E-11
RP11-861E21.1	FXYD5	0.357811504	1.05E-14
RP11-861E21.1	CLDN9	0.29220527	4.33E-10
RP11-861E21.1	FAM43A	0.335810796	4.94E-13
RP11-861E21.1	CHST2	0.349522799	4.64E-14
RP11-861E21.1	HMGA2	0.391337392	1.62E-17
RP11-861E21.1	GALNT7	0.358551651	9.17E-15
RP11-861E21.1	CBLN1	0.236242076	5.54E-07
RP11-861E21.1	STRA6	0.378249933	2.22E-16
RP11-861E21.1	MUC21	0.276180175	3.98E-09
RP11-861E21.1	PRR36	0.457935406	3.84E-24
RP11-861E21.1	NFE2L3	0.220511621	3.09E-06
RP11-861E21.1	NR1D1	0.319869418	6.69E-12
RP11-861E21.1	MUC1	0.156106103	0.001032196
RP11-861E21.1	NAT8L	0.408603743	4.28E-19
RP11-861E21.1	APOC1	0.319157215	7.49E-12
RP11-861E21.1	EVA1A	0.232724465	8.22E-07
RP11-861E21.1	ENTPD1	0.380141576	1.53E-16

RP11-861E21.1	COL1A1	0.17507516	0.000227553
RP11-861E21.1	FNDC4	0.319033952	7.64E-12
RP11-861E21.1	FRMD3	0.408685304	4.20E-19
RP11-861E21.1	SHROOM4	0.35233459	2.82E-14
RP11-861E21.1	NELL2	0.35403531	2.08E-14
RP11-861E21.1	EPHB3	0.297517219	2.01E-10
RP11-861E21.1	TMC6	0.38891993	2.65E-17
RP11-861E21.1	NOD1	0.442914317	1.62E-22
RP11-861E21.1	GGCT	0.355734044	1.53E-14
RP11-861E21.1	ICAM1	0.25108827	9.74E-08
RP11-861E21.1	PRSS23	0.296497921	2.33E-10
RP11-861E21.1	CFI	0.320825878	5.75E-12
RP11-861E21.1	CD55	0.228864014	1.26E-06
RP11-861E21.1	RASD2	0.356079295	1.44E-14
RP11-861E21.1	KLK11	0.345951078	8.69E-14
RP11-861E21.1	ICAM5	0.616646065	2.45E-47
RP11-861E21.1	ADORA1	0.294188545	3.26E-10
RP11-861E21.1	ITGA2	0.1607928	0.000721161
RP11-861E21.1	ABCC3	0.436509879	7.55E-22
RP11-861E21.1	MFGE8	0.35831633	9.57E-15
RP11-861E21.1	STK32A	0.399821276	2.79E-18
RP11-861E21.1	CYSLTR2	0.398967086	3.34E-18
RP11-861E21.1	LAD1	0.309239279	3.50E-11
RP11-861E21.1	MGAT3	0.196310615	3.45E-05
RP11-861E21.1	IGFBP6	0.426739746	7.43E-21
RP11-861E21.1	CYP2S1	0.206053089	1.35E-05
RP11-861E21.1	KCNJ2	0.39091895	1.77E-17
RP11-861E21.1	FAM20A	0.386559206	4.27E-17
RP11-861E21.1	TGFA	0.366268721	2.20E-15
RP11-861E21.1	MXRA8	0.384414937	6.57E-17
RP11-861E21.1	C8orf4	0.187266586	7.90E-05
RP11-861E21.1	CLDN10	0.216388657	4.76E-06
RP11-861E21.1	PDE5A	0.29225066	4.30E-10
RP11-861E21.1	APOE	0.36189763	4.96E-15
RP11-861E21.1	SPOCK2	0.154089353	0.001200806
RP11-861E21.1	TENM1	0.672661883	3.93E-59
RP11-861E21.1	SLIT1	0.478392416	1.73E-26
RP11-861E21.1	CXCL14	0.243910635	2.29E-07
RP11-861E21.1	ECM1	0.429529125	3.90E-21
RP11-861E21.1	DUSP5	0.214867897	5.56E-06
RP11-861E21.1	SEZ6L2	0.318672957	8.09E-12
RP11-861E21.1	THRSP	0.36012003	6.88E-15
RP11-861E21.1	C19orf33	0.24536568	1.93E-07
RP11-861E21.1	MPZL2	0.291249377	4.96E-10
RP11-861E21.1	CTSH	0.343620066	1.30E-13
RP11-861E21.1	CYP1B1	0.210251697	8.89E-06
RP11-861E21.1	ALOX5	0.173016566	0.000270246
RP11-861E21.1	SYTL5	0.273463458	5.72E-09
RP11-861E21.1	TNFRSF12A	0.373767776	5.29E-16
RP11-861E21.1	DUSP6	0.353935309	2.12E-14
RP11-861E21.1	ALOX15B	0.265731909	1.57E-08

RP11-861E21.1	SDC4	0.348791163	5.28E-14
RP11-861E21.1	MDK	0.361775359	5.08E-15
RP11-861E21.1	KRT19	0.210504323	8.67E-06
RP11-861E21.1	MET	0.212307597	7.23E-06
RP11-861E21.1	TESC	0.471824856	1.02E-25
RP11-861E21.1	CXCL17	0.206431467	1.30E-05
RP11-861E21.1	NPC2	0.452494662	1.52E-23
RP11-861E21.1	COMP	0.252514804	8.19E-08
RP11-861E21.1	TUSC3	0.377570638	2.53E-16
RP11-861E21.1	TMPRSS4	0.28923901	6.60E-10
RP11-861E21.1	LGALS3	0.35702157	1.21E-14
RP11-861E21.1	CRLF1	0.220467791	3.11E-06
RP11-861E21.1	CTXN1	0.358331649	9.55E-15
RP11-861E21.1	PCSK1N	0.344458086	1.13E-13
RP11-861E21.1	NMU	0.284488523	1.28E-09
RP11-861E21.1	GALE	0.517547276	1.90E-31
RP11-861E21.1	PCSK2	0.29227449	4.29E-10
RP11-861E21.1	GJB3	0.380892645	1.32E-16
RP11-861E21.1	SLPI	0.124290297	0.00913763
RP11-861E21.1	AGR2	0.280333847	2.27E-09
RP11-861E21.1	MRC2	0.359521728	7.68E-15
RP11-861E21.1	GOLT1A	0.491862715	4.01E-28
RP11-861E21.1	SLC27A6	0.229197642	1.21E-06
RP11-861E21.1	KCNN4	0.252382746	8.32E-08
RP11-861E21.1	ETV4	0.468638682	2.38E-25
RP11-861E21.1	SYT12	0.330091185	1.28E-12
RP11-861E21.1	PVRL4	0.281643075	1.90E-09
RP11-861E21.1	PLCD3	0.34618604	8.34E-14
RP11-861E21.1	PLAU	0.210486734	8.69E-06
RP11-861E21.1	LRRK2	0.461508053	1.53E-24
RP11-861E21.1	SFN	0.218059974	4.00E-06
RP11-861E21.1	LPAR5	0.421387087	2.52E-20
RP11-861E21.1	NGEF	0.318083733	8.88E-12
RP11-861E21.1	DTX4	0.292275909	4.29E-10
RP11-861E21.1	CST6	0.39546905	6.93E-18
RP11-861E21.1	QPCT	0.396257849	5.88E-18
RP11-861E21.1	TIMP1	0.421040135	2.73E-20
RP11-861E21.1	CAMK2N1	0.341144589	2.00E-13
RP11-861E21.1	KLHDC8A	0.466512624	4.16E-25
RP11-861E21.1	PDLIM4	0.337487687	3.72E-13
RP11-861E21.1	SCEL	0.219083385	3.59E-06
RP11-861E21.1	LCN2	0.127119251	0.007660537
RP11-861E21.1	PROS1	0.251785437	8.95E-08
RP11-861E21.1	GABRB2	0.307175578	4.79E-11
RP11-861E21.1	TMPRSS6	0.278376671	2.96E-09
RP11-861E21.1	KLK7	0.308139459	4.14E-11
RP11-861E21.1	PDZK1IP1	0.213947891	6.11E-06
RP11-861E21.1	CDH3	0.348152294	5.91E-14
RP11-861E21.1	LRP4	0.450322875	2.62E-23
RP11-861E21.1	IGSF1	0.398074598	4.03E-18
RP11-861E21.1	B3GNT3	0.180092781	0.000148439

RP11-861E21.1	CLDN1	0.216599823	4.65E-06
RP11-861E21.1	GDF15	0.225806832	1.76E-06
RP11-861E21.1	ARHGAP36	0.359549641	7.64E-15
RP11-861E21.1	LAMB3	0.237744638	4.67E-07
RP11-861E21.1	KLK10	0.365721626	2.44E-15
RP11-861E21.1	DPP4	0.251973382	8.75E-08
RP11-861E21.1	METTL7B	0.412910579	1.67E-19
RP11-861E21.1	LIPH	0.320146725	6.40E-12
RP11-861E21.1	CLDN16	0.225099309	1.90E-06
RP11-861E21.1	CHI3L1	0.262645932	2.33E-08
RP11-861E21.1	SLC22A31	0.494758228	1.75E-28
RP11-861E21.1	TACSTD2	0.264943252	1.74E-08
RP11-861E21.1	SFTPB	0.175879279	0.00021266
RP11-861E21.1	RXRG	0.497905165	7.02E-29
RP11-861E21.1	DCSTAMP	0.29044952	5.56E-10
RP11-861E21.1	CITED1	0.438750744	4.42E-22
RP11-861E21.1	SERPINA1	0.289064824	6.76E-10
RP11-861E21.1	PRR15	0.489733623	7.35E-28
RP11-861E21.1	SLC34A2	0.178933908	0.000164
RP11-861E21.1	FN1	0.172169468	0.000289897
RP11-861E21.1	ZCCHC12	0.469534345	1.87E-25
RP3-449M8.6	TFF3	-0.532524932	1.61E-33
RP3-449M8.6	CCL21	-0.374882825	4.27E-16
RP3-449M8.6	TPO	-0.489279981	8.36E-28
RP3-449M8.6	MT1G	-0.501980012	2.13E-29
RP3-449M8.6	DIO1	-0.494759577	1.75E-28
RP3-449M8.6	DPT	-0.314312299	1.60E-11
RP3-449M8.6	CDH16	-0.472636665	8.19E-26
RP3-449M8.6	CRABP1	-0.360344636	6.60E-15
RP3-449M8.6	SLC26A7	-0.340302432	2.31E-13
RP3-449M8.6	MT1H	-0.484919053	2.85E-27
RP3-449M8.6	SLC26A4	-0.382700261	9.24E-17
RP3-449M8.6	SLC5A8	-0.455416789	7.28E-24
RP3-449M8.6	PKHD1L1	-0.398642263	3.57E-18
RP3-449M8.6	TFCP2L1	-0.388080571	3.14E-17
RP3-449M8.6	WSCD2	-0.472205993	9.20E-26
RP3-449M8.6	IPCEF1	-0.390184016	2.05E-17
RP3-449M8.6	SLC5A5	-0.420331879	3.20E-20
RP3-449M8.6	MT1F	-0.569104741	4.83E-39
RP3-449M8.6	FOSB	-0.231919323	8.99E-07
RP3-449M8.6	SEMA3D	-0.409038341	3.89E-19
RP3-449M8.6	BMP8A	-0.348691747	5.38E-14
RP3-449M8.6	MATN2	-0.394066951	9.26E-18
RP3-449M8.6	PLA2R1	-0.358914236	8.58E-15
RP3-449M8.6	COL23A1	-0.409080062	3.86E-19
RP3-449M8.6	HGD	-0.500128965	3.66E-29
RP3-449M8.6	TCEAL2	-0.431368853	2.54E-21
RP3-449M8.6	CHRD1	-0.226454486	1.64E-06
RP3-449M8.6	TNFRSF11B	-0.343920841	1.24E-13
RP3-449M8.6	FAM167A	-0.420418597	3.14E-20
RP3-449M8.6	KIT	-0.380538378	1.42E-16

RP3-449M8.6	SLC4A4	-0.403572595	1.26E-18
RP3-449M8.6	SMOC2	-0.331718021	9.79E-13
RP3-449M8.6	FHL1	-0.473499602	6.50E-26
RP3-449M8.6	OTOS	-0.58756946	4.21E-42
RP3-449M8.6	IGFBPL1	-0.365634605	2.48E-15
RP3-449M8.6	HBB	-0.284404541	1.30E-09
RP3-449M8.6	BEX1	-0.42554126	9.79E-21
RP3-449M8.6	FABP4	-0.395734232	6.56E-18
RP3-449M8.6	LMOD1	-0.388024403	3.18E-17
RP3-449M8.6	SOD3	-0.59559553	1.71E-43
RP3-449M8.6	TMEM171	-0.451126772	2.14E-23
RP3-449M8.6	PI16	-0.298872004	1.65E-10
RP3-449M8.6	ZMAT4	-0.52648847	1.13E-32
RP3-449M8.6	MFAP4	-0.220622488	3.06E-06
RP3-449M8.6	CWH43	-0.42667888	7.54E-21
RP3-449M8.6	SPX	-0.420892404	2.82E-20
RP3-449M8.6	APOD	-0.249767618	1.14E-07
RP3-449M8.6	DPP6	-0.436086428	8.35E-22
RP3-449M8.6	MMRN1	-0.228457787	1.32E-06
RP3-449M8.6	WDR72	-0.267175366	1.30E-08
RP3-449M8.6	MPPED2	-0.462230638	1.27E-24
RP3-449M8.6	PAPSS2	-0.298365575	1.78E-10
RP3-449M8.6	DCN	-0.171770075	0.000299618
RP3-449M8.6	SORBS2	-0.426041803	8.73E-21
RP3-449M8.6	EGR2	-0.123466997	0.009612662
RP3-449M8.6	EDN3	-0.306507045	5.30E-11
RP3-449M8.6	DIO2	-0.348666571	5.40E-14
RP3-449M8.6	ITPR1	-0.42158691	2.41E-20
RP3-449M8.6	CFD	-0.382162485	1.03E-16
RP3-449M8.6	CPXM1	-0.376351274	3.21E-16
RP3-449M8.6	ELMO1	-0.495375009	1.46E-28
RP3-449M8.6	GPC3	-0.350746448	3.74E-14
RP3-449M8.6	MYOC	-0.123244282	0.00974488
RP3-449M8.6	DEPTOR	-0.44446624	1.11E-22
RP3-449M8.6	DGKI	-0.381599037	1.15E-16
RP3-449M8.6	CARTPT	-0.373768015	5.29E-16
RP3-449M8.6	IYD	-0.220020035	3.26E-06
RP3-449M8.6	LYVE1	-0.232250016	8.67E-07
RP3-449M8.6	CLCNKB	-0.453379218	1.22E-23
RP3-449M8.6	NCAM1	-0.461804275	1.42E-24
RP3-449M8.6	HBA2	-0.3479176	6.16E-14
RP3-449M8.6	GLT8D2	-0.391056315	1.72E-17
RP3-449M8.6	OGDHL	-0.43623167	8.07E-22
RP3-449M8.6	LIFR	-0.322898726	4.13E-12
RP3-449M8.6	CSGALNACT1	-0.298074596	1.85E-10
RP3-449M8.6	RAP1GAP	-0.357874641	1.04E-14
RP3-449M8.6	COL9A3	-0.449144243	3.51E-23
RP3-449M8.6	FBLN1	-0.240893858	3.25E-07
RP3-449M8.6	EFEMP1	-0.327148878	2.08E-12
RP3-449M8.6	AOX1	-0.444793049	1.02E-22
RP3-449M8.6	GRIN2C	-0.493708918	2.36E-28

RP3-449M8.6	C11orf74	-0.591420056	9.16E-43
RP3-449M8.6	PPARGC1A	-0.432312425	2.04E-21
RP3-449M8.6	ANGPTL1	-0.321891612	4.85E-12
RP3-449M8.6	SCARA5	-0.26494671	1.74E-08
RP3-449M8.6	LTF	-0.46932271	1.98E-25
RP3-449M8.6	CA4	-0.367360097	1.79E-15
RP3-449M8.6	TG	-0.30249637	9.66E-11
RP3-449M8.6	FCGBP	-0.543568304	4.08E-35
RP3-449M8.6	PBX4	-0.489028149	8.98E-28
RP3-449M8.6	CYR61	-0.269290229	9.90E-09
RP3-449M8.6	FOS	-0.286550821	9.63E-10
RP3-449M8.6	KHDRBS2	-0.405975317	7.54E-19
RP3-449M8.6	MUM1L1	-0.438723182	4.45E-22
RP3-449M8.6	RGS16	-0.393419251	1.06E-17
RP3-449M8.6	MT1M	-0.463485897	9.18E-25
RP3-449M8.6	LRP2	-0.321605668	5.08E-12
RP3-449M8.6	MAFB	-0.380934672	1.31E-16
RP3-449M8.6	KCNK2	-0.405083303	9.13E-19
RP3-449M8.6	TBC1D4	-0.355607161	1.57E-14
RP3-449M8.6	MIOX	-0.522426321	4.12E-32
RP3-449M8.6	TPPP	-0.330456875	1.21E-12
RP3-449M8.6	FMOD	-0.429701911	3.74E-21
RP3-449M8.6	CITED2	-0.284108385	1.35E-09
RP3-449M8.6	RGS8	-0.458658523	3.19E-24
RP3-449M8.6	ABI3BP	-0.203471465	1.74E-05
RP3-449M8.6	ADH1B	-0.319052168	7.62E-12
RP3-449M8.6	OGN	-0.215931418	4.99E-06
RP3-449M8.6	NR4A1	-0.181237636	0.000134435
RP3-449M8.6	FOXJ1	-0.428795147	4.62E-21
RP3-449M8.6	ALDH1A1	-0.452538478	1.50E-23
RP3-449M8.6	OCA2	-0.421720713	2.34E-20
RP3-449M8.6	TMEM139	-0.364469361	3.08E-15
RP3-449M8.6	ARHGAP24	-0.437852869	5.48E-22
RP3-449M8.6	SLC25A15	-0.264859874	1.76E-08
RP3-449M8.6	DES	-0.242773777	2.61E-07
RP3-449M8.6	GDF10	-0.391828585	1.47E-17
RP3-449M8.6	KIAA1324	-0.418777541	4.54E-20
RP3-449M8.6	JUN	-0.237555011	4.77E-07
RP3-449M8.6	C7	-0.143931408	0.00250403
RP3-449M8.6	LGI3	-0.502509348	1.82E-29
RP3-449M8.6	CDON	-0.406830099	6.28E-19
RP3-449M8.6	BCL2	-0.386057405	4.73E-17
RP3-449M8.6	HLF	-0.37670303	3.00E-16
RP3-449M8.6	EGR1	-0.193812424	4.35E-05
RP3-449M8.6	IP6K3	-0.406948887	6.12E-19
RP3-449M8.6	SCUBE3	-0.345299924	9.74E-14
RP3-449M8.6	PKNOX2	-0.448275349	4.35E-23
RP3-449M8.6	SMAD9	-0.282208263	1.76E-09
RP3-449M8.6	IQGAP2	-0.388367011	2.97E-17
RP3-449M8.6	GNA14	-0.482129402	6.18E-27
RP3-449M8.6	LAYN	-0.412934133	1.66E-19

RP3-449M8.6	AVPR1A	-0.332954912	7.97E-13
RP3-449M8.6	PDLIM3	-0.412366429	1.88E-19
RP3-449M8.6	GPM6A	-0.298112963	1.84E-10
RP3-449M8.6	SDPR	-0.168293149	0.000398055
RP3-449M8.6	CRYAB	-0.317865847	9.19E-12
RP3-449M8.6	FOXA2	-0.418130175	5.25E-20
RP3-449M8.6	C8orf88	-0.26430529	1.88E-08
RP3-449M8.6	ISM1	-0.356176282	1.41E-14
RP3-449M8.6	BMP2	-0.242903904	2.57E-07
RP3-449M8.6	ID4	-0.466462421	4.22E-25
RP3-449M8.6	NUPR1	-0.444357096	1.14E-22
RP3-449M8.6	SERTM1	-0.440576836	2.85E-22
RP3-449M8.6	IRS1	-0.330310074	1.24E-12
RP3-449M8.6	FIBIN	-0.224126434	2.11E-06
RP3-449M8.6	PODN	-0.212070415	7.40E-06
RP3-449M8.6	TDRD9	-0.319032387	7.64E-12
RP3-449M8.6	EPHA3	-0.254884678	6.13E-08
RP3-449M8.6	AIF1L	-0.30442181	7.25E-11
RP3-449M8.6	EBF4	-0.533488503	1.17E-33
RP3-449M8.6	ADM2	-0.475051159	4.28E-26
RP3-449M8.6	GSTM3	-0.485962126	2.13E-27
RP3-449M8.6	HSD17B6	-0.244464183	2.14E-07
RP3-449M8.6	AGR3	-0.252821659	7.89E-08
RP3-449M8.6	EPHB1	-0.282053022	1.79E-09
RP3-449M8.6	TMOD1	-0.33145087	1.02E-12
RP3-449M8.6	WASF3	-0.326263814	2.40E-12
RP3-449M8.6	SELV	-0.486980203	1.60E-27
RP3-449M8.6	ENPP1	-0.202512504	1.91E-05
RP3-449M8.6	SYNE1	-0.368716688	1.39E-15
RP3-449M8.6	PLCH1	-0.404384826	1.06E-18
RP3-449M8.6	CCDC146	-0.394812163	7.94E-18
RP3-449M8.6	SLC16A2	-0.386370156	4.44E-17
RP3-449M8.6	IER2	-0.469459015	1.91E-25
RP3-449M8.6	KCNAB1	-0.393530239	1.03E-17
RP3-449M8.6	SYNDIG1	-0.486496781	1.83E-27
RP3-449M8.6	C16orf89	-0.481379083	7.60E-27
RP3-449M8.6	CTGF	-0.115284481	0.015663905
RP3-449M8.6	NR4A3	-0.101935546	0.032739594
RP3-449M8.6	KIAA1456	-0.298977602	1.62E-10
RP3-449M8.6	AQP4	-0.274268785	5.14E-09
RP3-449M8.6	RNF150	-0.426156053	8.50E-21
RP3-449M8.6	C1S	-0.148571327	0.001800055
RP3-449M8.6	PFKFB2	-0.2595024	3.46E-08
RP3-449M8.6	PROX1	-0.278536595	2.90E-09
RP3-449M8.6	TCF7L1	-0.485738661	2.26E-27
RP3-449M8.6	HSPB6	-0.29850337	1.74E-10
RP3-449M8.6	FHDC1	-0.210875791	8.35E-06
RP3-449M8.6	PRR15L	-0.389445824	2.38E-17
RP3-449M8.6	SLC1A1	-0.270847814	8.08E-09
RP3-449M8.6	BTBD11	-0.481955367	6.49E-27
RP3-449M8.6	TRIM58	-0.25615795	5.24E-08

RP3-449M8.6	LRIG1	-0.336342055	4.52E-13
RP3-449M8.6	ROR2	-0.396654061	5.41E-18
RP3-449M8.6	GPR125	-0.364501132	3.06E-15
RP3-449M8.6	FLRT1	-0.513373083	6.90E-31
RP3-449M8.6	PGF	-0.52598638	1.33E-32
RP3-449M8.6	DUSP1	-0.220289312	3.17E-06
RP3-449M8.6	PLA2G7	-0.332998456	7.91E-13
RP3-449M8.6	PLSCR4	-0.202342512	1.94E-05
RP3-449M8.6	FAM46B	-0.368993612	1.32E-15
RP3-449M8.6	GLDC	-0.463071449	1.02E-24
RP3-449M8.6	ZBTB16	-0.13169639	0.005718077
RP3-449M8.6	OMD	-0.17106267	0.000317587
RP3-449M8.6	HSD11B2	-0.419892807	3.53E-20
RP3-449M8.6	FGL2	-0.184704207	9.92E-05
RP3-449M8.6	CLCNKA	-0.53515213	6.79E-34
RP3-449M8.6	GATM	-0.292410612	4.20E-10
RP3-449M8.6	TNS3	-0.228154184	1.36E-06
RP3-449M8.6	TOB1	-0.339818129	2.51E-13
RP3-449M8.6	MARC2	-0.416836924	7.01E-20
RP3-449M8.6	LRRC2	-0.318157819	8.77E-12
RP3-449M8.6	SORD	-0.157104252	0.000957085
RP3-449M8.6	RIMS4	-0.337168185	3.93E-13
RP3-449M8.6	SLC29A4	-0.514876203	4.35E-31
RP3-449M8.6	SLC39A14	-0.259035826	3.67E-08
RP3-449M8.6	FAXDC2	-0.399203301	3.18E-18
RP3-449M8.6	HSPB8	-0.376728135	2.99E-16
RP3-449M8.6	CCL19	-0.113290621	0.017568743
RP3-449M8.6	KCNIP3	-0.494675255	1.79E-28
RP3-449M8.6	CGNL1	-0.288825464	6.99E-10
RP3-449M8.6	ATF3	-0.068825712	0.149965051
RP3-449M8.6	SGCD	-0.288243293	7.59E-10
RP3-449M8.6	STARD13	-0.295887608	2.55E-10
RP3-449M8.6	LDHD	-0.488733412	9.76E-28
RP3-449M8.6	RCAN1	-0.249422102	1.19E-07
RP3-449M8.6	ID3	-0.499282907	4.70E-29
RP3-449M8.6	SYTL3	-0.401833387	1.82E-18
RP3-449M8.6	MT1E	-0.459444034	2.61E-24
RP3-449M8.6	CAMK1D	-0.312490076	2.12E-11
RP3-449M8.6	PRKCQ	-0.372222961	7.12E-16
RP3-449M8.6	NUAK2	-0.349366679	4.77E-14
RP3-449M8.6	LIPG	-0.223610501	2.22E-06
RP3-449M8.6	SLC25A25	-0.109631915	0.021594621
RP3-449M8.6	PRKX	-0.100493345	0.035300255
RP3-449M8.6	SRPX	-0.201234905	2.16E-05
RP3-449M8.6	FAM189A1	-0.400586213	2.38E-18
RP3-449M8.6	PLEKHH1	-0.198900975	2.70E-05
RP3-449M8.6	WNT11	-0.451317047	2.04E-23
RP3-449M8.6	SNAI1	-0.352385826	2.79E-14
RP3-449M8.6	FDCSP	-0.109395451	0.021880368
RP3-449M8.6	MT1X	-0.411550014	2.25E-19
RP3-449M8.6	ACACB	-0.3860979	4.69E-17

RP3-449M8.6	ARC	-0.035812612	0.454183764
RP3-449M8.6	KLK4	-0.282274646	1.74E-09
RP3-449M8.6	ZFPM2	-0.265617001	1.59E-08
RP3-449M8.6	AKAP12	-0.110016223	0.021137124
RP3-449M8.6	GJB6	-0.295246475	2.80E-10
RP3-449M8.6	ERO1LB	-0.33474745	5.91E-13
RP3-449M8.6	DNALI1	-0.447270929	5.57E-23
RP3-449M8.6	HKDC1	-0.365866244	2.37E-15
RP3-449M8.6	ZFP36L2	-0.280924991	2.09E-09
RP3-449M8.6	CAPSL	-0.531874418	1.99E-33
RP3-449M8.6	CYP7B1	-0.214489023	5.78E-06
RP3-449M8.6	CPQ	-0.335671236	5.06E-13
RP3-449M8.6	RPS6KA6	-0.349081244	5.02E-14
RP3-449M8.6	TLE1	-0.423656527	1.51E-20
RP3-449M8.6	TP53INP2	-0.342717849	1.52E-13
RP3-449M8.6	KATNAL2	-0.47824824	1.80E-26
RP3-449M8.6	SGPP2	-0.139380136	0.003430109
RP3-449M8.6	CTH	-0.393608249	1.02E-17
RP3-449M8.6	KIF12	-0.405108621	9.08E-19
RP3-449M8.6	TMEM220	-0.398745237	3.50E-18
RP3-449M8.6	CENPJ	-0.302588422	9.53E-11
RP3-449M8.6	FAM155B	-0.345345595	9.66E-14
RP3-449M8.6	WFS1	-0.528367259	6.20E-33
RP3-449M8.6	SELENBP1	-0.399051393	3.28E-18
RP3-449M8.6	SNTA1	-0.545056956	2.46E-35
RP3-449M8.6	FRAS1	-0.090174761	0.059048529
RP3-449M8.6	FBLN7	-0.454076915	1.02E-23
RP3-449M8.6	AGPAT9	-0.296006113	2.51E-10
RP3-449M8.6	GPR83	-0.340618446	2.19E-13
RP3-449M8.6	PRTG	-0.222567572	2.49E-06
RP3-449M8.6	EGR3	-0.053223268	0.265811215
RP3-449M8.6	GRAMD2	-0.325106919	2.89E-12
RP3-449M8.6	HYOU1	-0.343893466	1.24E-13
RP3-449M8.6	FBLN5	-0.271899182	7.03E-09
RP3-449M8.6	ITM2A	-0.323242469	3.91E-12
RP3-449M8.6	SRF	-0.325405699	2.75E-12
RP3-449M8.6	FGFR2	-0.192705101	4.82E-05
RP3-449M8.6	MT1A	-0.2818668	1.84E-09
RP3-449M8.6	MAMDC2	-0.10793228	0.02372243
RP3-449M8.6	FHL2	-0.464487126	7.07E-25
RP3-449M8.6	FTCDNL1	-0.374061171	5.00E-16
RP3-449M8.6	PKIA	-0.216089939	4.91E-06
RP3-449M8.6	DNAJB4	-0.102344108	0.032043657
RP3-449M8.6	SLC25A33	-0.557177582	3.63E-37
RP3-449M8.6	EYA2	-0.299176245	1.58E-10
RP3-449M8.6	LPAR1	-0.269270088	9.93E-09
RP3-449M8.6	STX11	-0.163470756	0.000584979
RP3-449M8.6	ARHGEF28	-0.346075631	8.51E-14
RP3-449M8.6	OR2W3	-0.391083902	1.71E-17
RP3-449M8.6	ALDH1B1	-0.410043647	3.13E-19
RP3-449M8.6	CXCL12	-0.223888076	2.16E-06

RP3-449M8.6	OLFM2	-0.423224987	1.66E-20
RP3-449M8.6	TUB	-0.136786572	0.004087442
RP3-449M8.6	HTRA3	-0.284076117	1.36E-09
RP3-449M8.6	CKB	-0.588567498	2.84E-42
RP3-449M8.6	RGS2	-0.152441426	0.001357024
RP3-449M8.6	SHANK2	-0.313070119	1.94E-11
RP3-449M8.6	CNTFR	-0.366050111	2.29E-15
RP3-449M8.6	CYTH3	-0.301968239	1.04E-10
RP3-449M8.6	PLAC9	-0.455481528	7.16E-24
RP3-449M8.6	WVOX	-0.429528232	3.90E-21
RP3-449M8.6	NPR3	-0.304418547	7.25E-11
RP3-449M8.6	SDC2	-0.213886711	6.15E-06
RP3-449M8.6	KLF15	-0.313490099	1.82E-11
RP3-449M8.6	TMEM164	-0.417400656	6.18E-20
RP3-449M8.6	LONRF3	0.040193253	0.400863173
RP3-449M8.6	GBP1	-0.088018978	0.065398862
RP3-449M8.6	ARHGAP6	-0.209666842	9.43E-06
RP3-449M8.6	TMEM119	-0.213926426	6.13E-06
RP3-449M8.6	SH3RF1	-0.133571478	0.005059429
RP3-449M8.6	CRELD2	-0.57277875	1.23E-39
RP3-449M8.6	PCP4	-0.198283841	2.86E-05
RP3-449M8.6	GCSH	-0.465252266	5.79E-25
RP3-449M8.6	IMPA2	-0.346600925	7.76E-14
RP3-449M8.6	C1R	-0.188114682	7.32E-05
RP3-449M8.6	SUCNR1	-0.240625289	3.35E-07
RP3-449M8.6	SFRP1	-0.318362277	8.50E-12
RP3-449M8.6	UGT8	-0.33644517	4.44E-13
RP3-449M8.6	TLE4	-0.188772594	6.90E-05
RP3-449M8.6	ANTXR1	-0.238373908	4.34E-07
RP3-449M8.6	GPX3	-0.404089024	1.13E-18
RP3-449M8.6	DPY19L2	-0.391647918	1.52E-17
RP3-449M8.6	FAM46C	-0.372836761	6.33E-16
RP3-449M8.6	IL33	-0.216897709	4.51E-06
RP3-449M8.6	PEG3	-0.274189711	5.19E-09
RP3-449M8.6	FAHD2A	-0.502070929	2.07E-29
RP3-449M8.6	PTGDS	-0.155218881	0.001103484
RP3-449M8.6	CHCHD10	-0.601885371	1.30E-44
RP3-449M8.6	CD36	-0.32971379	1.36E-12
RP3-449M8.6	ANKRD37	-0.426600287	7.68E-21
RP3-449M8.6	TSPAN33	-0.55972519	1.47E-37
RP3-449M8.6	PRDM16	-0.295041904	2.88E-10
RP3-449M8.6	UST	-0.260986229	2.87E-08
RP3-449M8.6	NEXN	-0.300366543	1.32E-10
RP3-449M8.6	NUPR1L	-0.311200106	2.59E-11
RP3-449M8.6	SLC24A3	-0.452356146	1.57E-23
RP3-449M8.6	MARC1	-0.380613765	1.40E-16
RP3-449M8.6	MYH11	-0.219145254	3.57E-06
RP3-449M8.6	APOA1	-0.528751869	5.47E-33
RP3-449M8.6	TMEM178B	-0.328808373	1.58E-12
RP3-449M8.6	CAPN6	-0.197655926	3.04E-05
RP3-449M8.6	PPM1L	-0.385896845	4.88E-17

RP3-449M8.6	FZD8	-0.513897739	5.87E-31
RP3-449M8.6	RCAN2	-0.454914818	8.27E-24
RP3-449M8.6	COPZ2	-0.56683329	1.12E-38
RP3-449M8.6	GAS1	-0.211747452	7.65E-06
RP3-449M8.6	DACT1	-0.314467002	1.56E-11
RP3-449M8.6	WBSCR17	-0.387322451	3.66E-17
RP3-449M8.6	NCS1	-0.373496021	5.58E-16
RP3-449M8.6	SPIRE2	-0.421070693	2.71E-20
RP3-449M8.6	C15orf52	-0.335218491	5.46E-13
RP3-449M8.6	SPAG5	-0.415348414	9.75E-20
RP3-449M8.6	ARL4D	-0.514001351	5.69E-31
RP3-449M8.6	FAM189A2	-0.260242152	3.15E-08
RP3-449M8.6	MAP1LC3A	-0.602207412	1.14E-44
RP3-449M8.6	KLF6	0.093540841	0.050158879
RP3-449M8.6	ADD3	-0.067941499	0.155282937
RP3-449M8.6	TSPAN7	-0.359980285	7.06E-15
RP3-449M8.6	KLF9	-0.127385958	0.007532936
RP3-449M8.6	KCNQ1	-0.442756109	1.68E-22
RP3-449M8.6	MAN1A1	-0.126490115	0.007969215
RP3-449M8.6	MLF1	-0.241421918	3.06E-07
RP3-449M8.6	RARB	-0.345412542	9.55E-14
RP3-449M8.6	CDC42EP2	-0.461112819	1.70E-24
RP3-449M8.6	FAM3B	-0.197451611	3.09E-05
RP3-449M8.6	GADD45B	-0.205925887	1.37E-05
RP3-449M8.6	TMEM47	-0.273795191	5.47E-09
RP3-449M8.6	SDF2L1	-0.557999954	2.71E-37
RP3-449M8.6	CCDC85A	-0.047424113	0.321504753
RP3-449M8.6	CRYBG3	0.052193317	0.275186026
RP3-449M8.6	FBLN2	-0.094036137	0.048950403
RP3-449M8.6	PEBP4	-0.302554736	9.58E-11
RP3-449M8.6	CDADC1	-0.442878657	1.63E-22
RP3-449M8.6	FAM63A	-0.282477186	1.69E-09
RP3-449M8.6	GLUL	-0.217532069	4.22E-06
RP3-449M8.6	FREM2	-0.218188278	3.95E-06
RP3-449M8.6	ACKR3	-0.329280549	1.46E-12
RP3-449M8.6	DENND6A	-0.358559927	9.16E-15
RP3-449M8.6	CLDN8	-0.152851548	0.001316489
RP3-449M8.6	UTS2R	-0.093217856	0.050960281
RP3-449M8.6	SCNN1B	-0.317226658	1.02E-11
RP3-449M8.6	TTC30A	-0.366102899	2.27E-15
RP3-449M8.6	CORO2B	-0.408993045	3.93E-19
RP3-449M8.6	TC2N	-0.28393279	1.39E-09
RP3-449M8.6	ALDH2	-0.566416998	1.30E-38
RP3-449M8.6	GPR183	-0.017300377	0.717743093
RP3-449M8.6	C4orf47	-0.453773454	1.10E-23
RP3-449M8.6	SLC25A42	-0.45884314	3.04E-24
RP3-449M8.6	LGMN	-0.438078603	5.19E-22
RP3-449M8.6	ACSF2	-0.561586307	7.51E-38
RP3-449M8.6	KIAA1467	-0.343110099	1.42E-13
RP3-449M8.6	PRKG1	-0.3696211	1.17E-15
RP3-449M8.6	GNAI1	-0.368925956	1.33E-15

RP3-449M8.6	ABCC4	-0.243050067	2.53E-07
RP3-449M8.6	PRPS1	-0.392083996	1.39E-17
RP3-449M8.6	TSPAN5	-0.402941845	1.44E-18
RP3-449M8.6	CR2	-0.161274785	0.000694666
RP3-449M8.6	CCDC170	-0.305978756	5.74E-11
RP3-449M8.6	RRAD	-0.169419124	0.000363286
RP3-449M8.6	SCGB2A1	-0.523937968	2.56E-32
RP3-449M8.6	SESN3	-0.184267703	0.00010312
RP3-449M8.6	SGK223	-0.188642246	6.98E-05
RP3-449M8.6	NDRG2	-0.470386205	1.49E-25
RP3-449M8.6	C3orf52	-0.202631292	1.89E-05
RP3-449M8.6	FLRT3	0.408029899	4.84E-19
RP3-449M8.6	MST1R	0.502602464	1.77E-29
RP3-449M8.6	SDC1	0.163517137	0.000582846
RP3-449M8.6	ST8SIA4	0.374454202	4.64E-16
RP3-449M8.6	UBTD1	0.189486957	6.47E-05
RP3-449M8.6	EPHA2	0.435562269	9.46E-22
RP3-449M8.6	TMEM130	0.349327745	4.80E-14
RP3-449M8.6	SPINK2	0.243331826	2.45E-07
RP3-449M8.6	MMP16	0.498548545	5.82E-29
RP3-449M8.6	SIGLEC15	0.469703613	1.79E-25
RP3-449M8.6	RIN1	0.346118608	8.44E-14
RP3-449M8.6	IL1RN	0.372604645	6.62E-16
RP3-449M8.6	FCER1G	0.146270445	0.002122672
RP3-449M8.6	CD276	0.458245935	3.54E-24
RP3-449M8.6	CTSB	0.414643625	1.14E-19
RP3-449M8.6	FAM171A2	0.276098485	4.03E-09
RP3-449M8.6	ASPHD1	0.3667723	2.00E-15
RP3-449M8.6	C15orf48	0.198666447	2.76E-05
RP3-449M8.6	DYSF	0.311759543	2.38E-11
RP3-449M8.6	PDZRN4	0.272450291	6.54E-09
RP3-449M8.6	EFHD2	0.203934989	1.66E-05
RP3-449M8.6	ASF1B	0.245073516	2.00E-07
RP3-449M8.6	AQP1	0.187650662	7.63E-05
RP3-449M8.6	ARRDC2	0.382547431	9.52E-17
RP3-449M8.6	PRSS1	0.431734998	2.33E-21
RP3-449M8.6	MAPK13	0.527897565	7.21E-33
RP3-449M8.6	CST5	0.341318018	1.94E-13
RP3-449M8.6	AHR	0.527130935	9.22E-33
RP3-449M8.6	BAX	0.105836565	0.02659365
RP3-449M8.6	C1orf115	0.470505277	1.45E-25
RP3-449M8.6	PLK3	0.371907302	7.56E-16
RP3-449M8.6	JAG2	0.250577082	1.04E-07
RP3-449M8.6	RAD23B	0.684017964	7.56E-62
RP3-449M8.6	CA12	-0.016650976	0.727910687
RP3-449M8.6	ADTRP	0.467696546	3.05E-25
RP3-449M8.6	UCP2	0.311854433	2.34E-11
RP3-449M8.6	IGFBP2	0.141948807	0.002875101
RP3-449M8.6	LOXL2	0.269057971	1.02E-08
RP3-449M8.6	GPX1	0.034630044	0.4692325
RP3-449M8.6	P3H3	0.215193102	5.38E-06

RP3-449M8.6	C2orf81	0.292368202	4.23E-10
RP3-449M8.6	CDT1	0.244821826	2.06E-07
RP3-449M8.6	SNX25	0.48382081	3.87E-27
RP3-449M8.6	MTHFD1L	0.45996103	2.28E-24
RP3-449M8.6	CDC42BPG	0.63099329	3.96E-50
RP3-449M8.6	MSN	0.686053753	2.39E-62
RP3-449M8.6	SIGLEC6	0.461313896	1.61E-24
RP3-449M8.6	F2R	0.251340521	9.45E-08
RP3-449M8.6	TMEM184A	0.40099435	2.18E-18
RP3-449M8.6	CKS2	0.080530187	0.091945738
RP3-449M8.6	TAX1BP3	0.183035067	0.000114925
RP3-449M8.6	PMEPA1	0.3209874	5.60E-12
RP3-449M8.6	CXCL16	0.432846158	1.80E-21
RP3-449M8.6	FAXC	0.457754611	4.02E-24
RP3-449M8.6	VTCN1	0.385543367	5.24E-17
RP3-449M8.6	SH2D4A	0.529962644	3.70E-33
RP3-449M8.6	RNF24	0.526930732	9.83E-33
RP3-449M8.6	LY6G6C	0.417198828	6.46E-20
RP3-449M8.6	NID1	0.417447321	6.11E-20
RP3-449M8.6	STAC	0.490766506	5.48E-28
RP3-449M8.6	RAB34	0.317703301	9.43E-12
RP3-449M8.6	HES4	0.147084377	0.002002951
RP3-449M8.6	EPHA10	0.539092916	1.84E-34
RP3-449M8.6	ENTPD2	0.460460297	2.01E-24
RP3-449M8.6	DDB2	0.292310758	4.26E-10
RP3-449M8.6	NKAIN4	0.192244839	5.03E-05
RP3-449M8.6	TRIM29	0.352307602	2.83E-14
RP3-449M8.6	ADCY8	0.471330479	1.16E-25
RP3-449M8.6	SFTA2	0.234644654	6.63E-07
RP3-449M8.6	NRIP1	0.604560775	4.27E-45
RP3-449M8.6	VWA1	0.027894055	0.559965697
RP3-449M8.6	APLNR	0.144405995	0.002421943
RP3-449M8.6	REN	0.438540806	4.65E-22
RP3-449M8.6	EDIL3	0.247151005	1.56E-07
RP3-449M8.6	AGRN	0.474926413	4.43E-26
RP3-449M8.6	TREM1	0.336283121	4.56E-13
RP3-449M8.6	SRL	0.354588202	1.88E-14
RP3-449M8.6	RASGRF1	0.521813317	5.00E-32
RP3-449M8.6	RMI2	0.271456366	7.46E-09
RP3-449M8.6	SAMD1	0.147008494	0.002013846
RP3-449M8.6	MGAT4B	0.514779966	4.48E-31
RP3-449M8.6	NXN	0.407551766	5.37E-19
RP3-449M8.6	SH3BGRL3	0.159987306	0.000767537
RP3-449M8.6	CA11	0.222393325	2.53E-06
RP3-449M8.6	PLD3	0.224164659	2.10E-06
RP3-449M8.6	LURAP1L	0.435378094	9.88E-22
RP3-449M8.6	CARNS1	0.341410535	1.91E-13
RP3-449M8.6	PDLIM7	0.276874405	3.63E-09
RP3-449M8.6	BCL2L1	0.350862352	3.66E-14
RP3-449M8.6	GGT6	0.322685829	4.27E-12
RP3-449M8.6	DPYSL3	0.324324758	3.28E-12

RP3-449M8.6	FYN	0.439877027	3.37E-22
RP3-449M8.6	TK1	0.127285112	0.007580959
RP3-449M8.6	AK1	0.12711583	0.007662187
RP3-449M8.6	HIGD1B	0.108469985	0.023030466
RP3-449M8.6	TMEM59L	0.213722605	6.26E-06
RP3-449M8.6	MEGF9	0.636968939	2.46E-51
RP3-449M8.6	ZFP36L1	0.546786803	1.36E-35
RP3-449M8.6	ADRA1B	0.425018802	1.10E-20
RP3-449M8.6	EPHA4	0.570408651	2.98E-39
RP3-449M8.6	TCERG1L	0.328323148	1.71E-12
RP3-449M8.6	NGFR	0.364070798	3.32E-15
RP3-449M8.6	EBI3	0.294171449	3.27E-10
RP3-449M8.6	S100A10	0.170256459	0.000339289
RP3-449M8.6	S100B	0.304409328	7.26E-11
RP3-449M8.6	CD44	0.418232319	5.13E-20
RP3-449M8.6	BHLHE41	0.574647384	6.11E-40
RP3-449M8.6	FBX02	0.224717469	1.98E-06
RP3-449M8.6	SLC30A2	0.179291488	0.000159042
RP3-449M8.6	FRMD5	0.438660986	4.52E-22
RP3-449M8.6	SAMD11	0.242470733	2.71E-07
RP3-449M8.6	SIPA1L2	0.575521526	4.40E-40
RP3-449M8.6	S100A16	0.305361268	6.30E-11
RP3-449M8.6	PPL	0.564390074	2.72E-38
RP3-449M8.6	ARHGDIB	0.083893643	0.079113704
RP3-449M8.6	CDC42EP3	0.394245311	8.92E-18
RP3-449M8.6	RUNX2	0.554081985	1.08E-36
RP3-449M8.6	LAMC2	0.480283178	1.03E-26
RP3-449M8.6	BRINP1	0.452998243	1.34E-23
RP3-449M8.6	GPRC5B	0.655191117	3.49E-55
RP3-449M8.6	AQP5	0.192052579	5.12E-05
RP3-449M8.6	PLAG1	0.513668459	6.30E-31
RP3-449M8.6	PTPRU	0.425486865	9.91E-21
RP3-449M8.6	ANGPTL4	0.271806704	7.12E-09
RP3-449M8.6	PALM3	0.335332103	5.36E-13
RP3-449M8.6	ACP5	0.194748833	3.99E-05
RP3-449M8.6	DLG4	0.46175442	1.44E-24
RP3-449M8.6	ETNK2	0.472818145	7.80E-26
RP3-449M8.6	CD109	0.537080672	3.59E-34
RP3-449M8.6	SNX22	0.452922147	1.37E-23
RP3-449M8.6	TMEM98	0.484684386	3.04E-27
RP3-449M8.6	CTHRC1	0.220107832	3.23E-06
RP3-449M8.6	S100A2	0.281479149	1.94E-09
RP3-449M8.6	C11orf80	0.405330312	8.66E-19
RP3-449M8.6	SREBF1	0.418561168	4.77E-20
RP3-449M8.6	PRSS22	0.458836687	3.05E-24
RP3-449M8.6	CMTM3	0.213908838	6.14E-06
RP3-449M8.6	RDH5	0.57227076	1.49E-39
RP3-449M8.6	MYH10	0.615683434	3.72E-47
RP3-449M8.6	EVPL	0.415112397	1.03E-19
RP3-449M8.6	SCD	0.448666535	3.95E-23
RP3-449M8.6	CD151	0.293769695	3.46E-10

RP3-449M8.6	S100A4	0.246291756	1.73E-07
RP3-449M8.6	BNIP1	0.441069736	2.53E-22
RP3-449M8.6	MAP3K6	0.452239556	1.62E-23
RP3-449M8.6	MANEAL	0.362355703	4.56E-15
RP3-449M8.6	CD207	0.412204673	1.95E-19
RP3-449M8.6	CD1A	0.402303137	1.65E-18
RP3-449M8.6	C3	0.308540265	3.89E-11
RP3-449M8.6	NT5E	0.419294254	4.04E-20
RP3-449M8.6	CACNG4	0.355154455	1.70E-14
RP3-449M8.6	FHOD1	0.469147044	2.08E-25
RP3-449M8.6	LEMD1	0.47551752	3.77E-26
RP3-449M8.6	ATP11A	0.511921167	1.08E-30
RP3-449M8.6	PPAP2C	0.250155826	1.09E-07
RP3-449M8.6	DRAM1	0.458626201	3.22E-24
RP3-449M8.6	CDA	0.163382604	0.000589053
RP3-449M8.6	CCND2	0.327616515	1.92E-12
RP3-449M8.6	LCN6	0.293329408	3.69E-10
RP3-449M8.6	CDH4	0.373705301	5.36E-16
RP3-449M8.6	MMP11	0.304982917	6.66E-11
RP3-449M8.6	B3GAT1	0.435936152	8.65E-22
RP3-449M8.6	SPP1	0.264575348	1.82E-08
RP3-449M8.6	HLA-DQB1	0.197229707	3.16E-05
RP3-449M8.6	SDC3	0.453994933	1.04E-23
RP3-449M8.6	CX3CL1	0.315941755	1.24E-11
RP3-449M8.6	SDK1	0.412237712	1.94E-19
RP3-449M8.6	DOCK9	0.733108734	3.57E-75
RP3-449M8.6	CSF2	0.408998202	3.93E-19
RP3-449M8.6	GRHL3	0.523836554	2.64E-32
RP3-449M8.6	TMEM92	0.443909112	1.27E-22
RP3-449M8.6	BASP1	0.366563374	2.08E-15
RP3-449M8.6	HRH1	0.452620389	1.47E-23
RP3-449M8.6	ESM1	0.114766988	0.016140035
RP3-449M8.6	B4GALNT3	0.470848169	1.32E-25
RP3-449M8.6	LMO3	0.390934618	1.76E-17
RP3-449M8.6	C9orf16	0.16822606	0.000400221
RP3-449M8.6	SEMA3F	0.269485397	9.65E-09
RP3-449M8.6	PLA2G12B	0.423847323	1.44E-20
RP3-449M8.6	KLK6	0.460182474	2.16E-24
RP3-449M8.6	ST3GAL5	0.478066688	1.89E-26
RP3-449M8.6	FAM132B	0.268761815	1.06E-08
RP3-449M8.6	CDKN1A	0.192929984	4.72E-05
RP3-449M8.6	E2F1	0.258591521	3.88E-08
RP3-449M8.6	B3GNT8	0.238852963	4.11E-07
RP3-449M8.6	MTMR11	0.539453253	1.63E-34
RP3-449M8.6	MYO1G	0.318511064	8.30E-12
RP3-449M8.6	TMSB10	0.176976776	0.000193801
RP3-449M8.6	UNC5CL	0.485978437	2.12E-27
RP3-449M8.6	ABR	0.456135894	6.07E-24
RP3-449M8.6	PLP2	0.261394011	2.73E-08
RP3-449M8.6	SRCIN1	0.461887392	1.39E-24
RP3-449M8.6	PDE9A	0.410381631	2.91E-19

RP3-449M8.6	TREM2	0.13576655	0.004375766
RP3-449M8.6	KDELR3	0.273367977	5.79E-09
RP3-449M8.6	PC	0.509964027	1.95E-30
RP3-449M8.6	C2CD4A	0.496426448	1.08E-28
RP3-449M8.6	PELI1	0.50115303	2.71E-29
RP3-449M8.6	SSX1	0.280711881	2.16E-09
RP3-449M8.6	MROH6	0.405591789	8.19E-19
RP3-449M8.6	ESPN	0.429198389	4.21E-21
RP3-449M8.6	BMP1	0.492971436	2.92E-28
RP3-449M8.6	TM4SF4	0.455503978	7.12E-24
RP3-449M8.6	CORO2A	0.630474215	5.03E-50
RP3-449M8.6	CD164L2	0.333732723	7.00E-13
RP3-449M8.6	CTSS	0.3341823	6.50E-13
RP3-449M8.6	CLU	0.409240551	3.73E-19
RP3-449M8.6	TMSB4X	0.216731256	4.59E-06
RP3-449M8.6	WNT10A	0.394998551	7.63E-18
RP3-449M8.6	NAPSA	0.278732259	2.82E-09
RP3-449M8.6	PLEKHA4	0.499115468	4.93E-29
RP3-449M8.6	SFPA1	0.137250731	0.003962022
RP3-449M8.6	C1orf116	0.512103924	1.02E-30
RP3-449M8.6	TM4SF1	0.328694052	1.61E-12
RP3-449M8.6	SEL1L3	0.494989921	1.63E-28
RP3-449M8.6	VASN	0.425263613	1.04E-20
RP3-449M8.6	NPTXR	0.557090919	3.75E-37
RP3-449M8.6	PDE4C	0.414365128	1.21E-19
RP3-449M8.6	CDC42EP1	0.419889615	3.54E-20
RP3-449M8.6	ENDOD1	0.632579079	1.91E-50
RP3-449M8.6	RYR1	0.380458524	1.44E-16
RP3-449M8.6	IL1RAP	0.638041441	1.49E-51
RP3-449M8.6	SLC35F2	0.597840763	6.86E-44
RP3-449M8.6	ISYNA1	0.28394123	1.38E-09
RP3-449M8.6	HLA-G	0.30340427	8.44E-11
RP3-449M8.6	CDKN2B	0.409783149	3.31E-19
RP3-449M8.6	ALDH1A3	0.351982228	3.00E-14
RP3-449M8.6	CLIP3	0.368372152	1.48E-15
RP3-449M8.6	ULBP2	0.380554193	1.41E-16
RP3-449M8.6	ETHE1	0.414427607	1.20E-19
RP3-449M8.6	XPR1	0.501990933	2.12E-29
RP3-449M8.6	SPTBN2	0.603463097	6.75E-45
RP3-449M8.6	IVL	0.422627683	1.90E-20
RP3-449M8.6	MARCO	0.264222599	1.90E-08
RP3-449M8.6	PLXND1	0.357940737	1.03E-14
RP3-449M8.6	EMILIN2	0.403388278	1.31E-18
RP3-449M8.6	PLAUR	0.336860895	4.14E-13
RP3-449M8.6	CDC42EP5	0.318174485	8.75E-12
RP3-449M8.6	TRPC5	0.563799369	3.37E-38
RP3-449M8.6	TMEM100	0.326121338	2.45E-12
RP3-449M8.6	QSOX1	0.498248417	6.35E-29
RP3-449M8.6	ARHGAP23	0.545268365	2.29E-35
RP3-449M8.6	MDFI	0.248661784	1.30E-07
RP3-449M8.6	FSTL3	0.41014767	3.06E-19

RP3-449M8.6	INF2	0.494545828	1.86E-28
RP3-449M8.6	TGFBR1	0.652445503	1.38E-54
RP3-449M8.6	TGFBI	0.263645747	2.05E-08
RP3-449M8.6	ERBB3	0.574634902	6.14E-40
RP3-449M8.6	CCL18	0.278537233	2.90E-09
RP3-449M8.6	CCL17	0.303512219	8.30E-11
RP3-449M8.6	C16orf45	0.40960798	3.44E-19
RP3-449M8.6	PRDM1	0.474365589	5.15E-26
RP3-449M8.6	TRIM47	0.303213215	8.68E-11
RP3-449M8.6	CNFN	0.182697991	0.000118368
RP3-449M8.6	ARMCX3	0.590476839	1.33E-42
RP3-449M8.6	RAMP1	0.306718083	5.13E-11
RP3-449M8.6	GABRD	0.132246577	0.005517251
RP3-449M8.6	COL13A1	0.331321018	1.05E-12
RP3-449M8.6	S100A5	0.262064972	2.51E-08
RP3-449M8.6	MISP	0.270264083	8.72E-09
RP3-449M8.6	HES6	0.217867655	4.08E-06
RP3-449M8.6	PSD3	0.722805681	3.87E-72
RP3-449M8.6	DOK7	0.422423324	1.99E-20
RP3-449M8.6	ZMAT3	0.484572689	3.14E-27
RP3-449M8.6	MFAP2	0.34032931	2.30E-13
RP3-449M8.6	TMEM79	0.470696828	1.38E-25
RP3-449M8.6	SLC1A5	0.340666883	2.17E-13
RP3-449M8.6	BBC3	0.226803469	1.58E-06
RP3-449M8.6	HLA-DQB2	0.225858691	1.75E-06
RP3-449M8.6	C1QL1	0.424925048	1.13E-20
RP3-449M8.6	TMEM215	0.368620941	1.41E-15
RP3-449M8.6	PNP	0.417543061	5.98E-20
RP3-449M8.6	ARNTL	0.596408683	1.23E-43
RP3-449M8.6	CLDN2	0.376317317	3.23E-16
RP3-449M8.6	MVP	0.366615357	2.06E-15
RP3-449M8.6	LGALS1	0.180229244	0.0001467
RP3-449M8.6	BIRC7	0.367325158	1.80E-15
RP3-449M8.6	COL8A1	0.661732577	1.25E-56
RP3-449M8.6	PERP	0.483892083	3.79E-27
RP3-449M8.6	GJA4	0.255291608	5.83E-08
RP3-449M8.6	IGFL2	0.372015225	7.41E-16
RP3-449M8.6	DAPK2	0.508049437	3.48E-30
RP3-449M8.6	MAMLD1	0.627365782	2.08E-49
RP3-449M8.6	ETV5	0.455253809	7.59E-24
RP3-449M8.6	RUNX1	0.533782886	1.07E-33
RP3-449M8.6	LONRF2	0.575067647	5.22E-40
RP3-449M8.6	SPOCK1	0.305965636	5.75E-11
RP3-449M8.6	XKRX	0.544359827	3.12E-35
RP3-449M8.6	TGFB1	0.252353593	8.35E-08
RP3-449M8.6	ERP27	0.321660346	5.03E-12
RP3-449M8.6	TNFRSF10C	0.412722582	1.74E-19
RP3-449M8.6	PALM	0.459365881	2.66E-24
RP3-449M8.6	TSC22D1	0.499611756	4.26E-29
RP3-449M8.6	TGM2	0.355696447	1.54E-14
RP3-449M8.6	UBE2QL1	0.423816094	1.45E-20

RP3-449M8.6	ECE1	0.557733938	2.98E-37
RP3-449M8.6	COL8A2	0.516499104	2.63E-31
RP3-449M8.6	HIST3H2A	0.295046017	2.88E-10
RP3-449M8.6	TNFRSF21	0.491920564	3.94E-28
RP3-449M8.6	SOX4	0.474116452	5.51E-26
RP3-449M8.6	ELF3	0.470927881	1.29E-25
RP3-449M8.6	TPD52L1	0.520253038	8.17E-32
RP3-449M8.6	INHBB	0.495511598	1.41E-28
RP3-449M8.6	HPN	0.319924684	6.63E-12
RP3-449M8.6	MMP7	0.340363602	2.28E-13
RP3-449M8.6	RAB27A	0.652633721	1.26E-54
RP3-449M8.6	IGF2BP2	0.587639599	4.10E-42
RP3-449M8.6	ITGB4	0.411913969	2.08E-19
RP3-449M8.6	PPP1R1B	0.41397465	1.32E-19
RP3-449M8.6	NPDC1	0.18758258	7.68E-05
RP3-449M8.6	CCL13	0.385529695	5.25E-17
RP3-449M8.6	SPINT1	0.471563737	1.09E-25
RP3-449M8.6	HEY2	0.456958479	4.92E-24
RP3-449M8.6	CST2	0.327627375	1.92E-12
RP3-449M8.6	ADM	0.389807226	2.21E-17
RP3-449M8.6	VSTM2L	0.223152863	2.34E-06
RP3-449M8.6	FAM84A	0.389984026	2.14E-17
RP3-449M8.6	P4HA2	0.418141968	5.23E-20
RP3-449M8.6	LPL	0.380948288	1.31E-16
RP3-449M8.6	TMEM173	0.307127354	4.82E-11
RP3-449M8.6	DHRS3	0.400156943	2.60E-18
RP3-449M8.6	SCN1B	0.316705051	1.10E-11
RP3-449M8.6	GLT1D1	0.419973654	3.47E-20
RP3-449M8.6	PHYHIP	0.40568299	8.03E-19
RP3-449M8.6	BHLHE40	0.564391988	2.72E-38
RP3-449M8.6	BID	0.39840497	3.76E-18
RP3-449M8.6	POSTN	0.270065724	8.95E-09
RP3-449M8.6	ITGA3	0.547298693	1.14E-35
RP3-449M8.6	RSPO4	0.446146302	7.35E-23
RP3-449M8.6	ADAMTS9	0.504937104	8.84E-30
RP3-449M8.6	ABTB2	0.653097174	9.97E-55
RP3-449M8.6	KCNQ3	0.630282593	5.49E-50
RP3-449M8.6	ANXA1	0.557934354	2.78E-37
RP3-449M8.6	S100A11	0.260192083	3.17E-08
RP3-449M8.6	CEACAM6	0.373286981	5.81E-16
RP3-449M8.6	IER5L	0.375562517	3.74E-16
RP3-449M8.6	KRT80	0.490354114	6.16E-28
RP3-449M8.6	CDH6	0.38033314	1.47E-16
RP3-449M8.6	UNC5B	0.415648896	9.12E-20
RP3-449M8.6	PLEKHN1	0.491042096	5.07E-28
RP3-449M8.6	SYTL1	0.210791611	8.42E-06
RP3-449M8.6	TMEM163	0.381104947	1.27E-16
RP3-449M8.6	C4orf48	0.055354726	0.247112601
RP3-449M8.6	B3GNT7	0.481898916	6.59E-27
RP3-449M8.6	BAIAP3	0.477022128	2.51E-26
RP3-449M8.6	PHLDA2	0.294753478	3.00E-10

RP3-449M8.6	GAP43	0.426443093	7.96E-21
RP3-449M8.6	S100A1	0.24111328	3.17E-07
RP3-449M8.6	PTPRE	0.654926023	3.99E-55
RP3-449M8.6	CCND1	0.436625764	7.34E-22
RP3-449M8.6	ST6GALNAC5	0.456273729	5.86E-24
RP3-449M8.6	KRT17	0.256811323	4.84E-08
RP3-449M8.6	HPCAL4	0.494145564	2.08E-28
RP3-449M8.6	GABBR2	0.44430639	1.15E-22
RP3-449M8.6	DIRAS3	0.407228165	5.76E-19
RP3-449M8.6	SERINC2	0.296356593	2.38E-10
RP3-449M8.6	PTCHD4	0.356523287	1.33E-14
RP3-449M8.6	EPS8	0.697891129	2.44E-65
RP3-449M8.6	LY6E	0.37096373	9.06E-16
RP3-449M8.6	UPP1	0.404047749	1.14E-18
RP3-449M8.6	AHNAK2	0.498119487	6.60E-29
RP3-449M8.6	PLXNC1	0.580473346	6.66E-41
RP3-449M8.6	TNC	0.413440137	1.49E-19
RP3-449M8.6	DUSP4	0.45604526	6.21E-24
RP3-449M8.6	NRCAM	0.638836439	1.02E-51
RP3-449M8.6	NRP2	0.586237113	7.11E-42
RP3-449M8.6	CTSC	0.469323844	1.98E-25
RP3-449M8.6	AMIGO2	0.508550406	2.99E-30
RP3-449M8.6	NAB2	0.463057478	1.03E-24
RP3-449M8.6	TBC1D2	0.551339989	2.83E-36
RP3-449M8.6	PHLDA3	0.179092632	0.000161782
RP3-449M8.6	PTP4A3	0.248904751	1.27E-07
RP3-449M8.6	CRABP2	0.218486562	3.82E-06
RP3-449M8.6	GOS2	0.314599691	1.53E-11
RP3-449M8.6	S100A6	0.30211809	1.02E-10
RP3-449M8.6	FOXQ1	0.50128118	2.61E-29
RP3-449M8.6	LRG1	0.480674507	9.23E-27
RP3-449M8.6	LAMP5	0.258679744	3.83E-08
RP3-449M8.6	ALDH3B1	0.411057981	2.51E-19
RP3-449M8.6	CDH2	0.186799143	8.24E-05
RP3-449M8.6	SCG5	0.294221092	3.24E-10
RP3-449M8.6	ZCCHC16	0.539466403	1.62E-34
RP3-449M8.6	GRB7	0.547267844	1.15E-35
RP3-449M8.6	TIAM1	0.476508323	2.88E-26
RP3-449M8.6	FXYD5	0.166039002	0.000477158
RP3-449M8.6	CLDN9	0.315071654	1.42E-11
RP3-449M8.6	FAM43A	0.531446048	2.29E-33
RP3-449M8.6	CHST2	0.436428327	7.70E-22
RP3-449M8.6	HMGA2	0.442803696	1.66E-22
RP3-449M8.6	GALNT7	0.665010434	2.27E-57
RP3-449M8.6	CBLN1	0.348964925	5.12E-14
RP3-449M8.6	STRA6	0.423522916	1.55E-20
RP3-449M8.6	MUC21	0.499239657	4.76E-29
RP3-449M8.6	PRR36	0.468677918	2.35E-25
RP3-449M8.6	NFE2L3	0.339842383	2.50E-13
RP3-449M8.6	NR1D1	0.382312336	9.97E-17
RP3-449M8.6	MUC1	0.369386217	1.22E-15

RP3-449M8.6	NAT8L	0.36945359	1.21E-15
RP3-449M8.6	APOC1	0.184899943	9.75E-05
RP3-449M8.6	EVA1A	0.464338622	7.35E-25
RP3-449M8.6	ENTPD1	0.479551865	1.26E-26
RP3-449M8.6	COL1A1	0.313673069	1.77E-11
RP3-449M8.6	FNDC4	0.317880314	9.17E-12
RP3-449M8.6	FRMD3	0.453880754	1.07E-23
RP3-449M8.6	SHROOM4	0.694879642	1.45E-64
RP3-449M8.6	NELL2	0.44014595	3.16E-22
RP3-449M8.6	EPHB3	0.482049476	6.32E-27
RP3-449M8.6	TMC6	0.441077112	2.53E-22
RP3-449M8.6	NOD1	0.632346608	2.12E-50
RP3-449M8.6	GGCT	0.505195461	8.18E-30
RP3-449M8.6	ICAM1	0.613412833	9.95E-47
RP3-449M8.6	PRSS23	0.464033105	7.96E-25
RP3-449M8.6	CFI	0.464434149	7.17E-25
RP3-449M8.6	CD55	0.504524287	1.00E-29
RP3-449M8.6	RASD2	0.501108564	2.75E-29
RP3-449M8.6	KLK11	0.436664407	7.28E-22
RP3-449M8.6	ICAM5	0.583914884	1.76E-41
RP3-449M8.6	ADORA1	0.399653846	2.89E-18
RP3-449M8.6	ITGA2	0.553136782	1.51E-36
RP3-449M8.6	ABCC3	0.547240824	1.17E-35
RP3-449M8.6	MFGE8	0.491345556	4.65E-28
RP3-449M8.6	STK32A	0.503997858	1.17E-29
RP3-449M8.6	CYSLTR2	0.507024876	4.73E-30
RP3-449M8.6	LAD1	0.514431472	4.99E-31
RP3-449M8.6	MGAT3	0.458621449	3.22E-24
RP3-449M8.6	IGFBP6	0.310414289	2.92E-11
RP3-449M8.6	CYP2S1	0.402024158	1.75E-18
RP3-449M8.6	KCNJ2	0.439095575	4.07E-22
RP3-449M8.6	FAM20A	0.375833781	3.55E-16
RP3-449M8.6	TGFA	0.605387047	3.02E-45
RP3-449M8.6	MXRA8	0.391186379	1.67E-17
RP3-449M8.6	C8orf4	0.340803543	2.12E-13
RP3-449M8.6	CLDN10	0.443216804	1.50E-22
RP3-449M8.6	PDE5A	0.70414934	5.58E-67
RP3-449M8.6	APOE	0.246156656	1.76E-07
RP3-449M8.6	SPOCK2	0.427804697	5.81E-21
RP3-449M8.6	TENM1	0.487450211	1.40E-27
RP3-449M8.6	SLIT1	0.307300041	4.70E-11
RP3-449M8.6	CXCL14	0.257961481	4.19E-08
RP3-449M8.6	ECM1	0.199044301	2.66E-05
RP3-449M8.6	DUSP5	0.509018611	2.60E-30
RP3-449M8.6	SEZ6L2	0.350424217	3.96E-14
RP3-449M8.6	THRSP	0.282964823	1.58E-09
RP3-449M8.6	C19orf33	0.249242891	1.22E-07
RP3-449M8.6	MPZL2	0.615619678	3.83E-47
RP3-449M8.6	CTSH	0.476790792	2.67E-26
RP3-449M8.6	CYP1B1	0.61772135	1.53E-47
RP3-449M8.6	ALOX5	0.392968351	1.16E-17

RP3-449M8.6	SYTL5	0.541524272	8.13E-35
RP3-449M8.6	TNFRSF12A	0.400553165	2.39E-18
RP3-449M8.6	DUSP6	0.492014531	3.84E-28
RP3-449M8.6	ALOX15B	0.467441098	3.26E-25
RP3-449M8.6	SDC4	0.589234629	2.18E-42
RP3-449M8.6	MDK	0.413712251	1.40E-19
RP3-449M8.6	KRT19	0.356220677	1.40E-14
RP3-449M8.6	MET	0.656330849	1.97E-55
RP3-449M8.6	TESC	0.345062843	1.01E-13
RP3-449M8.6	CXCL17	0.49401963	2.16E-28
RP3-449M8.6	NPC2	0.374805745	4.33E-16
RP3-449M8.6	COMP	0.316350104	1.17E-11
RP3-449M8.6	TUSC3	0.455054811	7.98E-24
RP3-449M8.6	TMPRSS4	0.466183995	4.54E-25
RP3-449M8.6	LGALS3	0.389623901	2.30E-17
RP3-449M8.6	CRLF1	0.248244854	1.37E-07
RP3-449M8.6	CTXN1	0.352055912	2.96E-14
RP3-449M8.6	PCSK1N	0.110507688	0.020564339
RP3-449M8.6	NMU	0.36564971	2.47E-15
RP3-449M8.6	GALE	0.381367559	1.20E-16
RP3-449M8.6	PCSK2	0.253480348	7.28E-08
RP3-449M8.6	GJB3	0.494066632	2.13E-28
RP3-449M8.6	SLPI	0.280153822	2.33E-09
RP3-449M8.6	AGR2	0.254391297	6.52E-08
RP3-449M8.6	MRC2	0.398679921	3.55E-18
RP3-449M8.6	GOLT1A	0.348551896	5.51E-14
RP3-449M8.6	SLC27A6	0.542262854	6.34E-35
RP3-449M8.6	KCNN4	0.367460352	1.76E-15
RP3-449M8.6	ETV4	0.374657255	4.46E-16
RP3-449M8.6	SYT12	0.546481853	1.51E-35
RP3-449M8.6	PVRL4	0.552425114	1.94E-36
RP3-449M8.6	PLCD3	0.523210697	3.22E-32
RP3-449M8.6	PLAU	0.407419574	5.53E-19
RP3-449M8.6	LRRK2	0.494676957	1.79E-28
RP3-449M8.6	SFN	0.369687834	1.15E-15
RP3-449M8.6	LPAR5	0.611285701	2.48E-46
RP3-449M8.6	NGEF	0.473973693	5.72E-26
RP3-449M8.6	DTX4	0.620707094	4.11E-48
RP3-449M8.6	CST6	0.389210091	2.50E-17
RP3-449M8.6	QPCT	0.483684363	4.02E-27
RP3-449M8.6	TIMP1	0.329372459	1.44E-12
RP3-449M8.6	CAMK2N1	0.533809126	1.06E-33
RP3-449M8.6	KLHDC8A	0.314588344	1.53E-11
RP3-449M8.6	PDLIM4	0.470419537	1.48E-25
RP3-449M8.6	SCEL	0.568039899	7.16E-39
RP3-449M8.6	LCN2	0.408954678	3.96E-19
RP3-449M8.6	PROS1	0.633843273	1.06E-50
RP3-449M8.6	GABRB2	0.648523209	9.59E-54
RP3-449M8.6	TMPRSS6	0.477873151	1.99E-26
RP3-449M8.6	KLK7	0.503276055	1.45E-29
RP3-449M8.6	PDZK1IP1	0.330079659	1.28E-12

RP3-449M8.6	CDH3	0.508537144	3.00E-30
RP3-449M8.6	LRP4	0.521112216	6.24E-32
RP3-449M8.6	IGSF1	0.329939737	1.31E-12
RP3-449M8.6	B3GNT3	0.439975959	3.29E-22
RP3-449M8.6	CLDN1	0.536393754	4.51E-34
RP3-449M8.6	GDF15	0.433783844	1.44E-21
RP3-449M8.6	ARHGAP36	0.323854882	3.54E-12
RP3-449M8.6	LAMB3	0.451730219	1.84E-23
RP3-449M8.6	KLK10	0.501165299	2.70E-29
RP3-449M8.6	DPP4	0.59838107	5.50E-44
RP3-449M8.6	METTL7B	0.430203022	3.33E-21
RP3-449M8.6	LIPH	0.52082996	6.82E-32
RP3-449M8.6	CLDN16	0.559474564	1.60E-37
RP3-449M8.6	CHI3L1	0.47440658	5.09E-26
RP3-449M8.6	SLC22A31	0.407181786	5.82E-19
RP3-449M8.6	TACSTD2	0.55092391	3.27E-36
RP3-449M8.6	SFTPB	0.45127868	2.06E-23
RP3-449M8.6	RXRG	0.467430814	3.27E-25
RP3-449M8.6	DCSTAMP	0.569415291	4.31E-39
RP3-449M8.6	CITED1	0.427149764	6.76E-21
RP3-449M8.6	SERPINA1	0.469976792	1.67E-25
RP3-449M8.6	PRR15	0.430539176	3.08E-21
RP3-449M8.6	SLC34A2	0.629411074	8.18E-50
RP3-449M8.6	FN1	0.579241774	1.07E-40
RP3-449M8.6	ZCCHC12	0.439232377	3.94E-22
RP11-44N11.3	TFF3	-0.349581103	4.59E-14
RP11-44N11.3	CCL21	-0.258714457	3.82E-08
RP11-44N11.3	TPO	-0.424216265	1.33E-20
RP11-44N11.3	MT1G	-0.403631036	1.25E-18
RP11-44N11.3	DIO1	-0.32260954	4.32E-12
RP11-44N11.3	DPT	-0.241324373	3.09E-07
RP11-44N11.3	CDH16	-0.406614417	6.57E-19
RP11-44N11.3	CRABP1	-0.46015007	2.17E-24
RP11-44N11.3	SLC26A7	-0.452503562	1.52E-23
RP11-44N11.3	MT1H	-0.420063875	3.40E-20
RP11-44N11.3	SLC26A4	-0.453055047	1.32E-23
RP11-44N11.3	SLC5A8	-0.411908085	2.08E-19
RP11-44N11.3	PKHD1L1	-0.336036718	4.76E-13
RP11-44N11.3	TFCP2L1	-0.449892519	2.91E-23
RP11-44N11.3	WSCD2	-0.348619492	5.44E-14
RP11-44N11.3	IPCEF1	-0.367818549	1.64E-15
RP11-44N11.3	SLC5A5	-0.307479761	4.57E-11
RP11-44N11.3	MT1F	-0.377566275	2.54E-16
RP11-44N11.3	FOSB	-0.158644578	0.00085102
RP11-44N11.3	SEMA3D	-0.320164748	6.39E-12
RP11-44N11.3	BMP8A	-0.318501487	8.31E-12
RP11-44N11.3	MATN2	-0.458755429	3.11E-24
RP11-44N11.3	PLA2R1	-0.279418246	2.57E-09
RP11-44N11.3	COL23A1	-0.528590912	5.77E-33
RP11-44N11.3	HGD	-0.45300058	1.34E-23
RP11-44N11.3	TCEAL2	-0.353058381	2.48E-14

RP11-44N11.3	CHRD1	-0.162713417	0.00062085
RP11-44N11.3	TNFRSF11B	-0.301576513	1.11E-10
RP11-44N11.3	FAM167A	-0.39098461	1.74E-17
RP11-44N11.3	KIT	-0.286058194	1.03E-09
RP11-44N11.3	SLC4A4	-0.490107524	6.61E-28
RP11-44N11.3	SMOC2	-0.190058092	6.14E-05
RP11-44N11.3	FHL1	-0.376990109	2.84E-16
RP11-44N11.3	OTOS	-0.41334557	1.52E-19
RP11-44N11.3	IGFBPL1	-0.409951754	3.19E-19
RP11-44N11.3	HBB	-0.26122548	2.79E-08
RP11-44N11.3	BEX1	-0.374184173	4.89E-16
RP11-44N11.3	FABP4	-0.381884026	1.09E-16
RP11-44N11.3	LMOD1	-0.379006263	1.91E-16
RP11-44N11.3	SOD3	-0.399013483	3.31E-18
RP11-44N11.3	TMEM171	-0.354755247	1.83E-14
RP11-44N11.3	PI16	-0.178509104	0.000170078
RP11-44N11.3	ZMAT4	-0.381250895	1.23E-16
RP11-44N11.3	MFAP4	-0.215503142	5.21E-06
RP11-44N11.3	CWH43	-0.417285341	6.34E-20
RP11-44N11.3	SPX	-0.473086239	7.26E-26
RP11-44N11.3	APOD	-0.083701191	0.07980653
RP11-44N11.3	DPP6	-0.375122038	4.08E-16
RP11-44N11.3	MMRN1	-0.312801815	2.03E-11
RP11-44N11.3	WDR72	-0.459951873	2.29E-24
RP11-44N11.3	MPPED2	-0.457360546	4.44E-24
RP11-44N11.3	PAPSS2	-0.351230168	3.43E-14
RP11-44N11.3	DCN	-0.113061104	0.017800498
RP11-44N11.3	SORBS2	-0.371106751	8.81E-16
RP11-44N11.3	EGR2	-0.086741025	0.069421305
RP11-44N11.3	EDN3	-0.360494565	6.43E-15
RP11-44N11.3	DIO2	-0.472474329	8.56E-26
RP11-44N11.3	ITPR1	-0.400806803	2.27E-18
RP11-44N11.3	CFD	-0.194291534	4.16E-05
RP11-44N11.3	CPXM1	-0.261356827	2.74E-08
RP11-44N11.3	ELMO1	-0.442557115	1.77E-22
RP11-44N11.3	GPC3	-0.301332837	1.15E-10
RP11-44N11.3	MYOC	-0.156002868	0.001040267
RP11-44N11.3	DEPTOR	-0.361251792	5.59E-15
RP11-44N11.3	DGKI	-0.269332367	9.85E-09
RP11-44N11.3	CARTPT	-0.337060323	4.00E-13
RP11-44N11.3	IYD	-0.495090748	1.59E-28
RP11-44N11.3	LYVE1	-0.259497834	3.46E-08
RP11-44N11.3	CLCNKB	-0.406672998	6.49E-19
RP11-44N11.3	NCAM1	-0.425345051	1.02E-20
RP11-44N11.3	HBA2	-0.276293164	3.92E-09
RP11-44N11.3	GLT8D2	-0.321844582	4.89E-12
RP11-44N11.3	OGDHL	-0.569393998	4.34E-39
RP11-44N11.3	LIFR	-0.41543293	9.57E-20
RP11-44N11.3	CSGALNACT1	-0.185754579	9.04E-05
RP11-44N11.3	RAP1GAP	-0.452748099	1.43E-23
RP11-44N11.3	COL9A3	-0.416460014	7.62E-20

RP11-44N11.3	FBLN1	-0.137686586	0.003847431
RP11-44N11.3	EFEMP1	-0.246879634	1.61E-07
RP11-44N11.3	AOX1	-0.301163477	1.18E-10
RP11-44N11.3	GRIN2C	-0.307310794	4.69E-11
RP11-44N11.3	C11orf74	-0.445400639	8.82E-23
RP11-44N11.3	PPARGC1A	-0.573222621	1.04E-39
RP11-44N11.3	ANGPTL1	-0.212248132	7.27E-06
RP11-44N11.3	SCARA5	-0.175378348	0.000221827
RP11-44N11.3	LTF	-0.328662401	1.62E-12
RP11-44N11.3	CA4	-0.357157482	1.18E-14
RP11-44N11.3	TG	-0.341724285	1.81E-13
RP11-44N11.3	FCGBP	-0.385755289	5.02E-17
RP11-44N11.3	PBX4	-0.447988704	4.67E-23
RP11-44N11.3	CYR61	-0.210000773	9.12E-06
RP11-44N11.3	FOS	-0.200542833	2.31E-05
RP11-44N11.3	KHDRBS2	-0.45885174	3.04E-24
RP11-44N11.3	MUM1L1	-0.340738902	2.14E-13
RP11-44N11.3	RGS16	-0.444242208	1.17E-22
RP11-44N11.3	MT1M	-0.347681118	6.42E-14
RP11-44N11.3	LRP2	-0.313946062	1.70E-11
RP11-44N11.3	MAFB	-0.366019556	2.31E-15
RP11-44N11.3	KCNK2	-0.30596201	5.75E-11
RP11-44N11.3	TBC1D4	-0.385882805	4.89E-17
RP11-44N11.3	MIOX	-0.420048866	3.41E-20
RP11-44N11.3	TPPP	-0.455625949	6.90E-24
RP11-44N11.3	FMOD	-0.339539195	2.63E-13
RP11-44N11.3	CITED2	-0.320073957	6.48E-12
RP11-44N11.3	RGS8	-0.347096979	7.11E-14
RP11-44N11.3	ABI3BP	-0.409684038	3.38E-19
RP11-44N11.3	ADH1B	-0.211561749	7.79E-06
RP11-44N11.3	OGN	-0.143941419	0.002502273
RP11-44N11.3	NR4A1	-0.165762679	0.000487802
RP11-44N11.3	FOXJ1	-0.376065831	3.40E-16
RP11-44N11.3	ALDH1A1	-0.432156062	2.11E-21
RP11-44N11.3	OCA2	-0.215048112	5.46E-06
RP11-44N11.3	TMEM139	-0.27441942	5.04E-09
RP11-44N11.3	ARHGAP24	-0.465909983	4.87E-25
RP11-44N11.3	SLC25A15	-0.396810238	5.24E-18
RP11-44N11.3	DES	-0.145353978	0.002265277
RP11-44N11.3	GDF10	-0.209015525	1.01E-05
RP11-44N11.3	KIAA1324	-0.33329896	7.53E-13
RP11-44N11.3	JUN	-0.224919664	1.93E-06
RP11-44N11.3	C7	-0.02540122	0.595569222
RP11-44N11.3	LGI3	-0.579430374	9.94E-41
RP11-44N11.3	CDON	-0.461358671	1.59E-24
RP11-44N11.3	BCL2	-0.357913804	1.03E-14
RP11-44N11.3	HLF	-0.500058936	3.74E-29
RP11-44N11.3	EGR1	-0.174505305	0.000238692
RP11-44N11.3	IP6K3	-0.51702618	2.24E-31
RP11-44N11.3	SCUBE3	-0.276318979	3.91E-09
RP11-44N11.3	PKNOX2	-0.222988473	2.38E-06

RP11-44N11.3	SMAD9	-0.223225351	2.32E-06
RP11-44N11.3	IQGAP2	-0.485804012	2.22E-27
RP11-44N11.3	GNA14	-0.400423543	2.46E-18
RP11-44N11.3	LAYN	-0.275560545	4.33E-09
RP11-44N11.3	AVPR1A	-0.396983144	5.06E-18
RP11-44N11.3	PDLIM3	-0.351180381	3.46E-14
RP11-44N11.3	GPM6A	-0.421900397	2.25E-20
RP11-44N11.3	SDPR	-0.328555877	1.65E-12
RP11-44N11.3	CRYAB	-0.360233786	6.74E-15
RP11-44N11.3	FOXA2	-0.215127827	5.42E-06
RP11-44N11.3	C8orf88	-0.312018275	2.29E-11
RP11-44N11.3	ISM1	-0.349103376	5.00E-14
RP11-44N11.3	BMP2	-0.170175694	0.000341537
RP11-44N11.3	ID4	-0.277254149	3.45E-09
RP11-44N11.3	NUPR1	-0.509822973	2.04E-30
RP11-44N11.3	SERTM1	-0.378689549	2.04E-16
RP11-44N11.3	IRS1	-0.388683635	2.78E-17
RP11-44N11.3	FIBIN	-0.224837679	1.95E-06
RP11-44N11.3	PODN	-0.121212813	0.011027439
RP11-44N11.3	TDRD9	-0.35249569	2.74E-14
RP11-44N11.3	EPHA3	-0.208060505	1.11E-05
RP11-44N11.3	AIF1L	-0.334340371	6.33E-13
RP11-44N11.3	EBF4	-0.419130206	4.19E-20
RP11-44N11.3	ADM2	-0.406825479	6.28E-19
RP11-44N11.3	GSTM3	-0.439945788	3.32E-22
RP11-44N11.3	HSD17B6	-0.180285828	0.000145985
RP11-44N11.3	AGR3	-0.24134908	3.08E-07
RP11-44N11.3	EPHB1	-0.408643905	4.24E-19
RP11-44N11.3	TMOD1	-0.289723981	6.16E-10
RP11-44N11.3	WASF3	-0.404931309	9.43E-19
RP11-44N11.3	SELV	-0.39590355	6.33E-18
RP11-44N11.3	ENPP1	-0.36943726	1.21E-15
RP11-44N11.3	SYNE1	-0.34491874	1.04E-13
RP11-44N11.3	PLCH1	-0.264305172	1.88E-08
RP11-44N11.3	CCDC146	-0.408907307	4.00E-19
RP11-44N11.3	SLC16A2	-0.285220896	1.16E-09
RP11-44N11.3	IER2	-0.291123261	5.05E-10
RP11-44N11.3	KCNAB1	-0.285417064	1.13E-09
RP11-44N11.3	SYNDIG1	-0.364672474	2.96E-15
RP11-44N11.3	C16orf89	-0.501016659	2.82E-29
RP11-44N11.3	CTGF	-0.099933689	0.036338831
RP11-44N11.3	NR4A3	-0.109512621	0.02173837
RP11-44N11.3	KIAA1456	-0.541686838	7.70E-35
RP11-44N11.3	AQP4	-0.389764052	2.23E-17
RP11-44N11.3	RNF150	-0.359549252	7.64E-15
RP11-44N11.3	C1S	-0.084105301	0.078357375
RP11-44N11.3	PFKFB2	-0.549789328	4.84E-36
RP11-44N11.3	PROX1	-0.2838019	1.41E-09
RP11-44N11.3	TCF7L1	-0.343928523	1.24E-13
RP11-44N11.3	HSPB6	-0.239845647	3.67E-07
RP11-44N11.3	FHDC1	-0.534470724	8.50E-34

RP11-44N11.3	PRR15L	-0.527108229	9.29E-33
RP11-44N11.3	SLC1A1	-0.364214889	3.23E-15
RP11-44N11.3	BTBD11	-0.455308931	7.48E-24
RP11-44N11.3	TRIM58	-0.309307516	3.46E-11
RP11-44N11.3	LRIG1	-0.396367688	5.75E-18
RP11-44N11.3	ROR2	-0.144707524	0.002371071
RP11-44N11.3	GPR125	-0.360355203	6.59E-15
RP11-44N11.3	FLRT1	-0.405196272	8.91E-19
RP11-44N11.3	PGF	-0.334181649	6.50E-13
RP11-44N11.3	DUSP1	-0.159319892	0.000808037
RP11-44N11.3	PLA2G7	-0.172651703	0.000278552
RP11-44N11.3	PLSCR4	-0.322800177	4.19E-12
RP11-44N11.3	FAM46B	-0.455846941	6.53E-24
RP11-44N11.3	GLDC	-0.358920463	8.57E-15
RP11-44N11.3	ZBTB16	-0.372471279	6.79E-16
RP11-44N11.3	OMD	-0.118747073	0.012783341
RP11-44N11.3	HSD11B2	-0.355593822	1.57E-14
RP11-44N11.3	FGL2	-0.153743907	0.001232112
RP11-44N11.3	CLCNKA	-0.472904129	7.63E-26
RP11-44N11.3	GATM	-0.518697514	1.33E-31
RP11-44N11.3	TNS3	-0.289295048	6.55E-10
RP11-44N11.3	TOB1	-0.195664857	3.66E-05
RP11-44N11.3	MARC2	-0.548102959	8.66E-36
RP11-44N11.3	LRRC2	-0.454835743	8.43E-24
RP11-44N11.3	SORD	-0.221692597	2.73E-06
RP11-44N11.3	RIMS4	-0.264806871	1.77E-08
RP11-44N11.3	SLC29A4	-0.358770818	8.81E-15
RP11-44N11.3	SLC39A14	-0.517187313	2.13E-31
RP11-44N11.3	FAXDC2	-0.464949848	6.27E-25
RP11-44N11.3	HSPB8	-0.295941663	2.53E-10
RP11-44N11.3	CCL19	-0.001262864	0.978950657
RP11-44N11.3	KCNIP3	-0.419856725	3.56E-20
RP11-44N11.3	CGNL1	-0.244889012	2.04E-07
RP11-44N11.3	ATF3	-0.01609803	0.736605943
RP11-44N11.3	SGCD	-0.153697241	0.001236398
RP11-44N11.3	STARD13	-0.262045757	2.51E-08
RP11-44N11.3	LDHD	-0.54764509	1.01E-35
RP11-44N11.3	RCAN1	-0.163554753	0.000581122
RP11-44N11.3	ID3	-0.25689828	4.78E-08
RP11-44N11.3	SYTL3	-0.473374747	6.72E-26
RP11-44N11.3	MT1E	-0.316533276	1.13E-11
RP11-44N11.3	CAMK1D	-0.461034843	1.73E-24
RP11-44N11.3	PRKCQ	-0.4939787	2.19E-28
RP11-44N11.3	NUAK2	-0.310521266	2.88E-11
RP11-44N11.3	LIPG	-0.294684084	3.03E-10
RP11-44N11.3	SLC25A25	-0.172898368	0.000272911
RP11-44N11.3	PRKX	-0.117990711	0.013369267
RP11-44N11.3	SRPX	-0.118264893	0.01315419
RP11-44N11.3	FAM189A1	-0.362656604	4.31E-15
RP11-44N11.3	PLEKHH1	-0.355835806	1.50E-14
RP11-44N11.3	WNT11	-0.330081255	1.28E-12

RP11-44N11.3	SNAI1	-0.182421414	0.000121265
RP11-44N11.3	FDCSP	-0.073084674	0.126271047
RP11-44N11.3	MT1X	-0.388408743	2.94E-17
RP11-44N11.3	ACACB	-0.495478972	1.42E-28
RP11-44N11.3	ARC	-0.022172451	0.643151585
RP11-44N11.3	KLK4	-0.300520993	1.29E-10
RP11-44N11.3	ZFPM2	-0.082317939	0.084931988
RP11-44N11.3	AKAP12	-0.095840387	0.044752235
RP11-44N11.3	GJB6	-0.222995172	2.38E-06
RP11-44N11.3	ERO1LB	-0.33167486	9.86E-13
RP11-44N11.3	DNALI1	-0.368022945	1.58E-15
RP11-44N11.3	HKDC1	-0.242871013	2.58E-07
RP11-44N11.3	ZFP36L2	-0.270342714	8.63E-09
RP11-44N11.3	CAPSL	-0.355220861	1.68E-14
RP11-44N11.3	CYP7B1	-0.252651079	8.06E-08
RP11-44N11.3	CPQ	-0.136075392	0.004286586
RP11-44N11.3	RPS6KA6	-0.405843373	7.76E-19
RP11-44N11.3	TLE1	-0.366893734	1.96E-15
RP11-44N11.3	TP53INP2	-0.35864628	9.01E-15
RP11-44N11.3	KATNAL2	-0.489594337	7.65E-28
RP11-44N11.3	SGPP2	-0.199005682	2.67E-05
RP11-44N11.3	CTH	-0.359859321	7.22E-15
RP11-44N11.3	KIF12	-0.268226135	1.14E-08
RP11-44N11.3	TMEM220	-0.419505096	3.86E-20
RP11-44N11.3	CENPJ	-0.296127477	2.46E-10
RP11-44N11.3	FAM155B	-0.333085061	7.80E-13
RP11-44N11.3	WFS1	-0.371423627	8.30E-16
RP11-44N11.3	SELENBP1	-0.420715442	2.94E-20
RP11-44N11.3	SNTA1	-0.545870352	1.86E-35
RP11-44N11.3	FRAS1	-0.153003629	0.001301744
RP11-44N11.3	FBLN7	-0.430793945	2.90E-21
RP11-44N11.3	AGPAT9	-0.367431318	1.77E-15
RP11-44N11.3	GPR83	-0.385195577	5.62E-17
RP11-44N11.3	PRTG	-0.377812088	2.42E-16
RP11-44N11.3	EGR3	0.016366823	0.732374815
RP11-44N11.3	GRAMD2	-0.279900795	2.41E-09
RP11-44N11.3	HYOU1	-0.273080139	6.02E-09
RP11-44N11.3	FBLN5	-0.210637506	8.56E-06
RP11-44N11.3	ITM2A	-0.259139823	3.62E-08
RP11-44N11.3	SRF	-0.267791954	1.20E-08
RP11-44N11.3	FGFR2	-0.288491792	7.33E-10
RP11-44N11.3	MT1A	-0.249763876	1.14E-07
RP11-44N11.3	MAMDC2	-0.115139953	0.015795626
RP11-44N11.3	FHL2	-0.261925333	2.55E-08
RP11-44N11.3	FTCDNL1	-0.513614717	6.41E-31
RP11-44N11.3	PKIA	-0.12821205	0.007149674
RP11-44N11.3	DNAJB4	-0.227889854	1.40E-06
RP11-44N11.3	SLC25A33	-0.390933121	1.76E-17
RP11-44N11.3	EYA2	-0.340956489	2.06E-13
RP11-44N11.3	LPAR1	-0.302140054	1.02E-10
RP11-44N11.3	STX11	-0.350939106	3.61E-14

RP11-44N11.3	ARHGEF28	-0.428162618	5.35E-21
RP11-44N11.3	OR2W3	-0.324952642	2.96E-12
RP11-44N11.3	ALDH1B1	-0.456263407	5.87E-24
RP11-44N11.3	CXCL12	-0.106096336	0.026222239
RP11-44N11.3	OLFM2	-0.245724608	1.85E-07
RP11-44N11.3	TUB	-0.352138955	2.92E-14
RP11-44N11.3	HTRA3	-0.10874979	0.02267735
RP11-44N11.3	CKB	-0.464478646	7.09E-25
RP11-44N11.3	RGS2	-0.155857933	0.001051696
RP11-44N11.3	SHANK2	-0.36177193	5.08E-15
RP11-44N11.3	CNTFR	-0.398674835	3.55E-18
RP11-44N11.3	CYTH3	-0.288944696	6.88E-10
RP11-44N11.3	PLAC9	-0.192689986	4.83E-05
RP11-44N11.3	WVOX	-0.427349007	6.46E-21
RP11-44N11.3	NPR3	-0.131169331	0.005916598
RP11-44N11.3	SDC2	-0.029034667	0.544025263
RP11-44N11.3	KLF15	-0.493537143	2.48E-28
RP11-44N11.3	TMEM164	-0.335794544	4.96E-13
RP11-44N11.3	LONRF3	-0.059339253	0.21466328
RP11-44N11.3	GBP1	-0.205229463	1.46E-05
RP11-44N11.3	ARHGAP6	-0.373316237	5.77E-16
RP11-44N11.3	TMEM119	-0.080423344	0.092379174
RP11-44N11.3	SH3RF1	-0.276352312	3.89E-09
RP11-44N11.3	CRELD2	-0.305523716	6.14E-11
RP11-44N11.3	PCP4	-0.114717261	0.016186448
RP11-44N11.3	GCSH	-0.405942649	7.60E-19
RP11-44N11.3	IMPA2	-0.322328975	4.52E-12
RP11-44N11.3	C1R	-0.066643452	0.163346513
RP11-44N11.3	SUCNR1	-0.190017525	6.16E-05
RP11-44N11.3	SFRP1	-0.26110463	2.83E-08
RP11-44N11.3	UGT8	-0.477629891	2.13E-26
RP11-44N11.3	TLE4	-0.110487791	0.020587265
RP11-44N11.3	ANTXR1	-0.178126696	0.000175729
RP11-44N11.3	GPX3	-0.278515416	2.91E-09
RP11-44N11.3	DPY19L2	-0.44486887	1.01E-22
RP11-44N11.3	FAM46C	-0.360869242	6.00E-15
RP11-44N11.3	IL33	-0.144260298	0.002446878
RP11-44N11.3	PEG3	-0.312492314	2.12E-11
RP11-44N11.3	FAHD2A	-0.520289558	8.08E-32
RP11-44N11.3	PTGDS	-0.113361243	0.017497964
RP11-44N11.3	CHCHD10	-0.511170481	1.35E-30
RP11-44N11.3	CD36	-0.379739024	1.66E-16
RP11-44N11.3	ANKRD37	-0.234371363	6.84E-07
RP11-44N11.3	TSPAN33	-0.388447041	2.92E-17
RP11-44N11.3	PRDM16	-0.306319454	5.45E-11
RP11-44N11.3	UST	-0.427783188	5.84E-21
RP11-44N11.3	NEXN	-0.394526993	8.42E-18
RP11-44N11.3	NUPR1L	-0.196633713	3.34E-05
RP11-44N11.3	SLC24A3	-0.49220538	3.64E-28
RP11-44N11.3	MARC1	-0.340844292	2.10E-13
RP11-44N11.3	MYH11	-0.122697341	0.010076456

RP11-44N11.3	APOA1	-0.304713662	6.94E-11
RP11-44N11.3	TMEM178B	-0.127759429	0.007357448
RP11-44N11.3	CAPN6	-0.112111545	0.018787916
RP11-44N11.3	PPM1L	-0.375918912	3.49E-16
RP11-44N11.3	FZD8	-0.338883881	2.94E-13
RP11-44N11.3	RCAN2	-0.335688729	5.04E-13
RP11-44N11.3	COPZ2	-0.445129861	9.43E-23
RP11-44N11.3	GAS1	-0.212514512	7.08E-06
RP11-44N11.3	DACT1	-0.232071381	8.84E-07
RP11-44N11.3	WBSCR17	-0.179908951	0.000150811
RP11-44N11.3	NCS1	-0.258775286	3.79E-08
RP11-44N11.3	SPIRE2	-0.470791647	1.34E-25
RP11-44N11.3	C15orf52	-0.361924269	4.94E-15
RP11-44N11.3	SPAG5	-0.370277537	1.03E-15
RP11-44N11.3	ARL4D	-0.401072616	2.14E-18
RP11-44N11.3	FAM189A2	-0.151458393	0.001458896
RP11-44N11.3	MAP1LC3A	-0.446034677	7.55E-23
RP11-44N11.3	KLF6	0.034894763	0.465840144
RP11-44N11.3	ADD3	-0.159753506	0.000781506
RP11-44N11.3	TSPAN7	-0.242220947	2.79E-07
RP11-44N11.3	KLF9	-0.260682931	2.98E-08
RP11-44N11.3	KCNQ1	-0.542126126	6.64E-35
RP11-44N11.3	MAN1A1	-0.090951347	0.0568897
RP11-44N11.3	MLF1	-0.23004161	1.11E-06
RP11-44N11.3	RARB	-0.388707464	2.77E-17
RP11-44N11.3	CDC42EP2	-0.303834509	7.91E-11
RP11-44N11.3	FAM3B	-0.264813963	1.77E-08
RP11-44N11.3	GADD45B	-0.222627341	2.47E-06
RP11-44N11.3	TMEM47	-0.267465857	1.25E-08
RP11-44N11.3	SDF2L1	-0.251844277	8.89E-08
RP11-44N11.3	CCDC85A	-0.145950918	0.002171432
RP11-44N11.3	CRYBG3	-0.069697471	0.144858724
RP11-44N11.3	FBLN2	-0.043219663	0.366317436
RP11-44N11.3	PEBP4	-0.432704852	1.86E-21
RP11-44N11.3	CDADC1	-0.487168824	1.52E-27
RP11-44N11.3	FAM63A	-0.341778752	1.79E-13
RP11-44N11.3	GLUL	-0.301303182	1.15E-10
RP11-44N11.3	FREM2	-0.460708888	1.88E-24
RP11-44N11.3	ACKR3	-0.276900393	3.61E-09
RP11-44N11.3	DENND6A	-0.410240204	3.00E-19
RP11-44N11.3	CLDN8	-0.163369931	0.000589641
RP11-44N11.3	UTS2R	0.002107655	0.96487696
RP11-44N11.3	SCNN1B	-0.39024419	2.03E-17
RP11-44N11.3	TTC30A	-0.354183762	2.02E-14
RP11-44N11.3	CORO2B	-0.279410161	2.57E-09
RP11-44N11.3	TC2N	-0.207617104	1.16E-05
RP11-44N11.3	ALDH2	-0.578473218	1.43E-40
RP11-44N11.3	GPR183	-0.062006041	0.194729344
RP11-44N11.3	C4orf47	-0.304780318	6.87E-11
RP11-44N11.3	SLC25A42	-0.480252708	1.04E-26
RP11-44N11.3	LGMN	-0.384517568	6.43E-17

RP11-44N11.3	ACSF2	-0.532204359	1.79E-33
RP11-44N11.3	KIAA1467	-0.441721519	2.16E-22
RP11-44N11.3	PRKG1	-0.348024803	6.05E-14
RP11-44N11.3	GNAI1	-0.42167515	2.36E-20
RP11-44N11.3	ABCC4	-0.242250309	2.78E-07
RP11-44N11.3	PRPS1	-0.418601983	4.72E-20
RP11-44N11.3	TSPAN5	-0.171907879	0.00029623
RP11-44N11.3	CR2	-0.184744684	9.89E-05
RP11-44N11.3	CCDC170	-0.30160403	1.10E-10
RP11-44N11.3	RRAD	-0.095438121	0.045661038
RP11-44N11.3	SCGB2A1	-0.460907043	1.79E-24
RP11-44N11.3	SESN3	-0.158844293	0.000838093
RP11-44N11.3	SGK223	-0.080426607	0.092365915
RP11-44N11.3	NDRG2	-0.551901936	2.32E-36
RP11-44N11.3	C3orf52	-0.232991232	7.98E-07
RP11-44N11.3	FLRT3	0.362873765	4.14E-15
RP11-44N11.3	MST1R	0.583881403	1.78E-41
RP11-44N11.3	SDC1	0.084458348	0.077108873
RP11-44N11.3	ST8SIA4	0.384442391	6.53E-17
RP11-44N11.3	UBTD1	0.271773767	7.15E-09
RP11-44N11.3	EPHA2	0.465163038	5.93E-25
RP11-44N11.3	TMEM130	0.436054755	8.41E-22
RP11-44N11.3	SPINK2	0.243473987	2.41E-07
RP11-44N11.3	MMP16	0.592017368	7.21E-43
RP11-44N11.3	SIGLEC15	0.550036986	4.44E-36
RP11-44N11.3	RIN1	0.511988488	1.05E-30
RP11-44N11.3	IL1RN	0.288947959	6.87E-10
RP11-44N11.3	FCER1G	0.179318034	0.00015868
RP11-44N11.3	CD276	0.641631023	2.70E-52
RP11-44N11.3	CTSB	0.253477597	7.29E-08
RP11-44N11.3	FAM171A2	0.316193562	1.19E-11
RP11-44N11.3	ASPHD1	0.388849449	2.69E-17
RP11-44N11.3	C15orf48	0.205429461	1.44E-05
RP11-44N11.3	DYSF	0.32687589	2.17E-12
RP11-44N11.3	PDZRN4	0.317109725	1.03E-11
RP11-44N11.3	EFHD2	0.413621171	1.43E-19
RP11-44N11.3	ASF1B	0.206433709	1.30E-05
RP11-44N11.3	AQP1	0.224707609	1.98E-06
RP11-44N11.3	ARRDC2	0.342042296	1.71E-13
RP11-44N11.3	PRSS1	0.493128177	2.79E-28
RP11-44N11.3	MAPK13	0.475825366	3.47E-26
RP11-44N11.3	CST5	0.465748648	5.08E-25
RP11-44N11.3	AHR	0.429993383	3.50E-21
RP11-44N11.3	BAX	0.34298697	1.45E-13
RP11-44N11.3	C1orf115	0.238308354	4.38E-07
RP11-44N11.3	PLK3	0.422247486	2.08E-20
RP11-44N11.3	JAG2	0.329272183	1.47E-12
RP11-44N11.3	RAD23B	0.542832645	5.23E-35
RP11-44N11.3	CA12	0.055506517	0.245816907
RP11-44N11.3	ADTRP	0.387948038	3.23E-17
RP11-44N11.3	UCP2	0.402723383	1.51E-18

RP11-44N11.3	IGFBP2	0.190788724	5.74E-05
RP11-44N11.3	LOXL2	0.274756722	4.82E-09
RP11-44N11.3	GPX1	0.271809653	7.12E-09
RP11-44N11.3	P3H3	0.366573311	2.08E-15
RP11-44N11.3	C2orf81	0.441666058	2.19E-22
RP11-44N11.3	CDT1	0.269082298	1.02E-08
RP11-44N11.3	SNX25	0.489763555	7.29E-28
RP11-44N11.3	MTHFD1L	0.485006713	2.78E-27
RP11-44N11.3	CDC42BPG	0.50495459	8.79E-30
RP11-44N11.3	MSN	0.444562206	1.08E-22
RP11-44N11.3	SIGLEC6	0.40742983	5.51E-19
RP11-44N11.3	F2R	0.346915875	7.34E-14
RP11-44N11.3	TMEM184A	0.392301621	1.33E-17
RP11-44N11.3	CKS2	0.157779904	0.000909141
RP11-44N11.3	TAX1BP3	0.431968971	2.21E-21
RP11-44N11.3	PMEPA1	0.460831866	1.82E-24
RP11-44N11.3	CXCL16	0.36171732	5.13E-15
RP11-44N11.3	FAXC	0.580198311	7.41E-41
RP11-44N11.3	VTCN1	0.38116112	1.25E-16
RP11-44N11.3	SH2D4A	0.490276459	6.30E-28
RP11-44N11.3	RNF24	0.455313044	7.47E-24
RP11-44N11.3	LY6G6C	0.3806683	1.38E-16
RP11-44N11.3	NID1	0.416413915	7.70E-20
RP11-44N11.3	STAC	0.533408605	1.20E-33
RP11-44N11.3	RAB34	0.548505509	7.54E-36
RP11-44N11.3	HES4	0.275743381	4.22E-09
RP11-44N11.3	EPHA10	0.523580455	2.86E-32
RP11-44N11.3	ENTPD2	0.438317432	4.90E-22
RP11-44N11.3	DDB2	0.360688534	6.20E-15
RP11-44N11.3	NKAIN4	0.229553528	1.17E-06
RP11-44N11.3	TRIM29	0.409298368	3.68E-19
RP11-44N11.3	ADCY8	0.531678902	2.12E-33
RP11-44N11.3	SFTA2	0.220537429	3.08E-06
RP11-44N11.3	NRIP1	0.606294419	2.06E-45
RP11-44N11.3	VWA1	0.28171454	1.88E-09
RP11-44N11.3	APLNR	0.322028268	4.74E-12
RP11-44N11.3	REN	0.440543259	2.87E-22
RP11-44N11.3	EDIL3	0.270781008	8.15E-09
RP11-44N11.3	AGRN	0.51414833	5.44E-31
RP11-44N11.3	TREM1	0.422791454	1.83E-20
RP11-44N11.3	SRL	0.387066201	3.86E-17
RP11-44N11.3	RASGRF1	0.58354098	2.04E-41
RP11-44N11.3	RMI2	0.38870789	2.77E-17
RP11-44N11.3	SAMD1	0.346406943	8.03E-14
RP11-44N11.3	MGAT4B	0.484151259	3.53E-27
RP11-44N11.3	NXN	0.528185383	6.57E-33
RP11-44N11.3	SH3BGRL3	0.299579649	1.49E-10
RP11-44N11.3	CA11	0.275575155	4.32E-09
RP11-44N11.3	PLD3	0.312674157	2.07E-11
RP11-44N11.3	LURAP1L	0.233867396	7.23E-07
RP11-44N11.3	CARNS1	0.342302294	1.64E-13

RP11-44N11.3	PDLIM7	0.449874221	2.93E-23
RP11-44N11.3	BCL2L1	0.48667748	1.74E-27
RP11-44N11.3	GGT6	0.104100181	0.029194467
RP11-44N11.3	DPYSL3	0.493504945	2.51E-28
RP11-44N11.3	FYN	0.411065446	2.50E-19
RP11-44N11.3	TK1	0.181497308	0.000131436
RP11-44N11.3	AK1	0.15161598	0.001442106
RP11-44N11.3	HIGD1B	0.177016633	0.000193147
RP11-44N11.3	TMEM59L	0.515165627	3.98E-31
RP11-44N11.3	MEGF9	0.44372051	1.33E-22
RP11-44N11.3	ZFP36L1	0.469739598	1.77E-25
RP11-44N11.3	ADRA1B	0.472309933	8.94E-26
RP11-44N11.3	EPHA4	0.599765251	3.12E-44
RP11-44N11.3	TCERG1L	0.455696303	6.78E-24
RP11-44N11.3	NGFR	0.395524716	6.85E-18
RP11-44N11.3	EBI3	0.324191656	3.35E-12
RP11-44N11.3	S100A10	0.419490203	3.87E-20
RP11-44N11.3	S100B	0.336267873	4.58E-13
RP11-44N11.3	CD44	0.308687237	3.81E-11
RP11-44N11.3	BHLHE41	0.495658687	1.35E-28
RP11-44N11.3	FBX02	0.326596034	2.27E-12
RP11-44N11.3	SLC30A2	0.160024284	0.000765349
RP11-44N11.3	FRMD5	0.27359205	5.62E-09
RP11-44N11.3	SAMD11	0.316340086	1.17E-11
RP11-44N11.3	SIPA1L2	0.56413716	2.99E-38
RP11-44N11.3	S100A16	0.441324501	2.38E-22
RP11-44N11.3	PPL	0.54537532	2.21E-35
RP11-44N11.3	ARHGDIB	0.256242682	5.19E-08
RP11-44N11.3	CDC42EP3	0.377542871	2.55E-16
RP11-44N11.3	RUNX2	0.484763027	2.97E-27
RP11-44N11.3	LAMC2	0.413835779	1.36E-19
RP11-44N11.3	BRINP1	0.399536883	2.96E-18
RP11-44N11.3	GPRC5B	0.496260668	1.13E-28
RP11-44N11.3	AQP5	0.333209883	7.64E-13
RP11-44N11.3	PLAG1	0.358216355	9.75E-15
RP11-44N11.3	PTPRU	0.464994103	6.19E-25
RP11-44N11.3	ANGPTL4	0.423641802	1.51E-20
RP11-44N11.3	PALM3	0.334571716	6.09E-13
RP11-44N11.3	ACP5	0.29938348	1.53E-10
RP11-44N11.3	DLG4	0.371685469	7.89E-16
RP11-44N11.3	ETNK2	0.457665508	4.11E-24
RP11-44N11.3	CD109	0.645048443	5.22E-53
RP11-44N11.3	SNX22	0.385452312	5.34E-17
RP11-44N11.3	TMEM98	0.598797173	4.64E-44
RP11-44N11.3	CTHRC1	0.340866277	2.09E-13
RP11-44N11.3	S100A2	0.352687462	2.64E-14
RP11-44N11.3	C11orf80	0.453286819	1.25E-23
RP11-44N11.3	SREBF1	0.449750534	3.02E-23
RP11-44N11.3	PRSS22	0.346540843	7.84E-14
RP11-44N11.3	CMTM3	0.41399592	1.32E-19
RP11-44N11.3	RDH5	0.46095839	1.77E-24

RP11-44N11.3	MYH10	0.577988541	1.72E-40
RP11-44N11.3	EVPL	0.533587894	1.14E-33
RP11-44N11.3	SCD	0.312348485	2.17E-11
RP11-44N11.3	CD151	0.494158131	2.08E-28
RP11-44N11.3	S100A4	0.321898056	4.84E-12
RP11-44N11.3	BNIP1	0.300827582	1.24E-10
RP11-44N11.3	MAP3K6	0.377236774	2.70E-16
RP11-44N11.3	MANEAL	0.245154116	1.98E-07
RP11-44N11.3	CD207	0.377058603	2.80E-16
RP11-44N11.3	CD1A	0.38159743	1.15E-16
RP11-44N11.3	C3	0.342544278	1.57E-13
RP11-44N11.3	NT5E	0.489764265	7.29E-28
RP11-44N11.3	CACNG4	0.460409075	2.03E-24
RP11-44N11.3	FHOD1	0.28004973	2.36E-09
RP11-44N11.3	LEMD1	0.536034826	5.08E-34
RP11-44N11.3	ATP11A	0.462799227	1.10E-24
RP11-44N11.3	PPAP2C	0.362908233	4.12E-15
RP11-44N11.3	DRAM1	0.517235823	2.10E-31
RP11-44N11.3	CDA	0.228836513	1.26E-06
RP11-44N11.3	CCND2	0.409891554	3.23E-19
RP11-44N11.3	LCN6	0.422928134	1.78E-20
RP11-44N11.3	CDH4	0.467873797	2.91E-25
RP11-44N11.3	MMP11	0.383186231	8.39E-17
RP11-44N11.3	B3GAT1	0.477161384	2.41E-26
RP11-44N11.3	SPP1	0.136752267	0.004096853
RP11-44N11.3	HLA-DQB1	0.159001455	0.000828049
RP11-44N11.3	SDC3	0.578976477	1.18E-40
RP11-44N11.3	CX3CL1	0.409481203	3.54E-19
RP11-44N11.3	SDK1	0.530372884	3.24E-33
RP11-44N11.3	DOCK9	0.574988423	5.38E-40
RP11-44N11.3	CSF2	0.475149447	4.17E-26
RP11-44N11.3	GRHL3	0.549180964	5.97E-36
RP11-44N11.3	TMEM92	0.52723242	8.93E-33
RP11-44N11.3	BASP1	0.519693393	9.74E-32
RP11-44N11.3	HRH1	0.630201751	5.70E-50
RP11-44N11.3	ESM1	0.172910992	0.000272625
RP11-44N11.3	B4GALNT3	0.546905237	1.31E-35
RP11-44N11.3	LMO3	0.34245974	1.59E-13
RP11-44N11.3	C9orf16	0.327369078	2.00E-12
RP11-44N11.3	SEMA3F	0.407816535	5.07E-19
RP11-44N11.3	PLA2G12B	0.214037174	6.06E-06
RP11-44N11.3	KLK6	0.470803563	1.34E-25
RP11-44N11.3	ST3GAL5	0.440922802	2.62E-22
RP11-44N11.3	FAM132B	0.250499748	1.05E-07
RP11-44N11.3	CDKN1A	0.296281093	2.41E-10
RP11-44N11.3	E2F1	0.242512009	2.69E-07
RP11-44N11.3	B3GNT8	0.31461939	1.53E-11
RP11-44N11.3	MTMR11	0.486457624	1.85E-27
RP11-44N11.3	MYO1G	0.426586034	7.70E-21
RP11-44N11.3	TMSB10	0.376954506	2.86E-16
RP11-44N11.3	UNC5CL	0.469345275	1.97E-25

RP11-44N11.3	ABR	0.485701601	2.29E-27
RP11-44N11.3	PLP2	0.388299241	3.01E-17
RP11-44N11.3	SRCIN1	0.196374213	3.43E-05
RP11-44N11.3	PDE9A	0.48875562	9.69E-28
RP11-44N11.3	TREM2	0.166553169	0.000457924
RP11-44N11.3	KDELR3	0.474185095	5.40E-26
RP11-44N11.3	PC	0.53547866	6.10E-34
RP11-44N11.3	C2CD4A	0.356606296	1.31E-14
RP11-44N11.3	PELI1	0.485588694	2.36E-27
RP11-44N11.3	SSX1	0.316670012	1.11E-11
RP11-44N11.3	MROH6	0.387670026	3.42E-17
RP11-44N11.3	ESPN	0.41009595	3.09E-19
RP11-44N11.3	BMP1	0.357473524	1.12E-14
RP11-44N11.3	TM4SF4	0.491557791	4.37E-28
RP11-44N11.3	CORO2A	0.610332402	3.73E-46
RP11-44N11.3	CD164L2	0.30993504	3.15E-11
RP11-44N11.3	CTSS	0.29937809	1.53E-10
RP11-44N11.3	CLU	0.558585288	2.20E-37
RP11-44N11.3	TMSB4X	0.446474957	6.78E-23
RP11-44N11.3	WNT10A	0.386484233	4.34E-17
RP11-44N11.3	NAPSA	0.432226557	2.08E-21
RP11-44N11.3	PLEKHA4	0.511610761	1.18E-30
RP11-44N11.3	SFPA1	0.241720771	2.95E-07
RP11-44N11.3	C1orf116	0.467808266	2.96E-25
RP11-44N11.3	TM4SF1	0.432461307	1.97E-21
RP11-44N11.3	SEL1L3	0.563636171	3.58E-38
RP11-44N11.3	VASN	0.515821508	3.25E-31
RP11-44N11.3	NPTXR	0.474937855	4.41E-26
RP11-44N11.3	PDE4C	0.318409998	8.43E-12
RP11-44N11.3	CDC42EP1	0.644455824	6.95E-53
RP11-44N11.3	ENDOD1	0.554505178	9.34E-37
RP11-44N11.3	RYR1	0.586328901	6.86E-42
RP11-44N11.3	IL1RAP	0.661618811	1.32E-56
RP11-44N11.3	SLC35F2	0.563108677	4.33E-38
RP11-44N11.3	ISYNA1	0.421830326	2.28E-20
RP11-44N11.3	HLA-G	0.342752362	1.51E-13
RP11-44N11.3	CDKN2B	0.454426526	9.35E-24
RP11-44N11.3	ALDH1A3	0.447654948	5.07E-23
RP11-44N11.3	CLIP3	0.43500994	1.08E-21
RP11-44N11.3	ULBP2	0.539867704	1.42E-34
RP11-44N11.3	ETHE1	0.496650168	1.01E-28
RP11-44N11.3	XPR1	0.574961898	5.43E-40
RP11-44N11.3	SPTBN2	0.428418502	5.04E-21
RP11-44N11.3	IVL	0.422071194	2.16E-20
RP11-44N11.3	MARCO	0.316456113	1.15E-11
RP11-44N11.3	PLXND1	0.404780814	9.74E-19
RP11-44N11.3	EMILIN2	0.366962102	1.93E-15
RP11-44N11.3	PLAUR	0.434655333	1.17E-21
RP11-44N11.3	CDC42EP5	0.477649324	2.11E-26
RP11-44N11.3	TRPC5	0.471800049	1.02E-25
RP11-44N11.3	TMEM100	0.428184887	5.32E-21

RP11-44N11.3	QSOX1	0.671450365	7.52E-59
RP11-44N11.3	ARHGAP23	0.478630876	1.62E-26
RP11-44N11.3	MDFI	0.488202291	1.13E-27
RP11-44N11.3	FSTL3	0.492495307	3.35E-28
RP11-44N11.3	INF2	0.463926878	8.18E-25
RP11-44N11.3	TGFBR1	0.568892584	5.23E-39
RP11-44N11.3	TGFBI	0.326724544	2.22E-12
RP11-44N11.3	ERBB3	0.402723383	1.51E-18
RP11-44N11.3	CCL18	0.337779635	3.54E-13
RP11-44N11.3	CCL17	0.387517275	3.52E-17
RP11-44N11.3	C16orf45	0.551477258	2.69E-36
RP11-44N11.3	PRDM1	0.398313063	3.83E-18
RP11-44N11.3	TRIM47	0.344911494	1.04E-13
RP11-44N11.3	CNFN	0.346583821	7.78E-14
RP11-44N11.3	ARMCX3	0.470564982	1.42E-25
RP11-44N11.3	RAMP1	0.432619746	1.89E-21
RP11-44N11.3	GABRD	0.290336317	5.65E-10
RP11-44N11.3	COL13A1	0.384361115	6.64E-17
RP11-44N11.3	S100A5	0.385965642	4.81E-17
RP11-44N11.3	MISP	0.388437821	2.92E-17
RP11-44N11.3	HES6	0.335690289	5.04E-13
RP11-44N11.3	PSD3	0.530313168	3.30E-33
RP11-44N11.3	DOK7	0.511268636	1.31E-30
RP11-44N11.3	ZMAT3	0.498765897	5.46E-29
RP11-44N11.3	MFAP2	0.369014001	1.31E-15
RP11-44N11.3	TMEM79	0.433174635	1.66E-21
RP11-44N11.3	SLC1A5	0.338691826	3.04E-13
RP11-44N11.3	BBC3	0.438241404	4.99E-22
RP11-44N11.3	HLA-DQB2	0.226805607	1.58E-06
RP11-44N11.3	C1QL1	0.453697028	1.12E-23
RP11-44N11.3	TMEM215	0.49165939	4.25E-28
RP11-44N11.3	PNP	0.446798784	6.26E-23
RP11-44N11.3	ARNTL	0.67123987	8.42E-59
RP11-44N11.3	CLDN2	0.298101302	1.85E-10
RP11-44N11.3	MVP	0.459557408	2.53E-24
RP11-44N11.3	LGALS1	0.463179507	9.94E-25
RP11-44N11.3	BIRC7	0.242538989	2.69E-07
RP11-44N11.3	COL8A1	0.554891842	8.15E-37
RP11-44N11.3	PERP	0.459950029	2.29E-24
RP11-44N11.3	GJA4	0.464158507	7.70E-25
RP11-44N11.3	IGFL2	0.467689743	3.05E-25
RP11-44N11.3	DAPK2	0.48471551	3.01E-27
RP11-44N11.3	MAMLD1	0.617499013	1.69E-47
RP11-44N11.3	ETV5	0.534386328	8.74E-34
RP11-44N11.3	RUNX1	0.529930902	3.74E-33
RP11-44N11.3	LONRF2	0.491053758	5.05E-28
RP11-44N11.3	SPOCK1	0.4007373	2.30E-18
RP11-44N11.3	XKRX	0.490034617	6.75E-28
RP11-44N11.3	TGFBI	0.487787259	1.27E-27
RP11-44N11.3	ERP27	0.352983204	2.51E-14
RP11-44N11.3	TNFRSF10C	0.40577414	7.87E-19

RP11-44N11.3	PALM	0.519719634	9.66E-32
RP11-44N11.3	TSC22D1	0.586361525	6.78E-42
RP11-44N11.3	TGM2	0.390719647	1.84E-17
RP11-44N11.3	UBE2QL1	0.410633818	2.75E-19
RP11-44N11.3	ECE1	0.662429584	8.69E-57
RP11-44N11.3	COL8A2	0.621788341	2.54E-48
RP11-44N11.3	HIST3H2A	0.312915715	1.99E-11
RP11-44N11.3	TNFRSF21	0.536829288	3.90E-34
RP11-44N11.3	SOX4	0.543252216	4.54E-35
RP11-44N11.3	ELF3	0.420239417	3.27E-20
RP11-44N11.3	TPD52L1	0.42187061	2.26E-20
RP11-44N11.3	INHBB	0.504167982	1.11E-29
RP11-44N11.3	HPN	0.272958013	6.12E-09
RP11-44N11.3	MMP7	0.331425732	1.03E-12
RP11-44N11.3	RAB27A	0.564107373	3.02E-38
RP11-44N11.3	IGF2BP2	0.406396262	6.89E-19
RP11-44N11.3	ITGB4	0.577710813	1.92E-40
RP11-44N11.3	PPP1R1B	0.471460436	1.12E-25
RP11-44N11.3	NPDC1	0.352270869	2.85E-14
RP11-44N11.3	CCL13	0.458572898	3.26E-24
RP11-44N11.3	SPINT1	0.495437128	1.44E-28
RP11-44N11.3	HEY2	0.424559951	1.23E-20
RP11-44N11.3	CST2	0.458092487	3.69E-24
RP11-44N11.3	ADM	0.246578786	1.67E-07
RP11-44N11.3	VSTM2L	0.240036	3.59E-07
RP11-44N11.3	FAM84A	0.475905224	3.40E-26
RP11-44N11.3	P4HA2	0.413285145	1.54E-19
RP11-44N11.3	LPL	0.542039034	6.84E-35
RP11-44N11.3	TMEM173	0.467321745	3.36E-25
RP11-44N11.3	DHRS3	0.456849486	5.06E-24
RP11-44N11.3	SCN1B	0.380599726	1.40E-16
RP11-44N11.3	GLT1D1	0.415794629	8.83E-20
RP11-44N11.3	PHYHIP	0.297852428	1.91E-10
RP11-44N11.3	BHLHE40	0.420654024	2.98E-20
RP11-44N11.3	BID	0.459499394	2.57E-24
RP11-44N11.3	POSTN	0.310201268	3.02E-11
RP11-44N11.3	ITGA3	0.524341016	2.25E-32
RP11-44N11.3	RSPO4	0.573523186	9.33E-40
RP11-44N11.3	ADAMTS9	0.435306959	1.00E-21
RP11-44N11.3	ABTB2	0.629201333	9.00E-50
RP11-44N11.3	KCNQ3	0.62729227	2.15E-49
RP11-44N11.3	ANXA1	0.513546065	6.54E-31
RP11-44N11.3	S100A11	0.391754816	1.49E-17
RP11-44N11.3	CEACAM6	0.40563303	8.12E-19
RP11-44N11.3	IER5L	0.417887237	5.54E-20
RP11-44N11.3	KRT80	0.388924058	2.65E-17
RP11-44N11.3	CDH6	0.569256552	4.57E-39
RP11-44N11.3	UNC5B	0.412093665	2.00E-19
RP11-44N11.3	PLEKHN1	0.540219474	1.26E-34
RP11-44N11.3	SYTL1	0.415155201	1.02E-19
RP11-44N11.3	TMEM163	0.65416128	5.86E-55

RP11-44N11.3	C4orf48	0.328267652	1.73E-12
RP11-44N11.3	B3GNT7	0.386878259	4.01E-17
RP11-44N11.3	BAIAP3	0.462299373	1.25E-24
RP11-44N11.3	PHLDA2	0.398500296	3.68E-18
RP11-44N11.3	GAP43	0.614391573	6.52E-47
RP11-44N11.3	S100A1	0.230065865	1.10E-06
RP11-44N11.3	PTPRE	0.601090772	1.81E-44
RP11-44N11.3	CCND1	0.564283116	2.83E-38
RP11-44N11.3	ST6GALNAC5	0.535885136	5.33E-34
RP11-44N11.3	KRT17	0.342448676	1.60E-13
RP11-44N11.3	HPCAL4	0.478587614	1.64E-26
RP11-44N11.3	GABBR2	0.409832122	3.28E-19
RP11-44N11.3	DIRAS3	0.432623008	1.89E-21
RP11-44N11.3	SERINC2	0.253160437	7.57E-08
RP11-44N11.3	PTCHD4	0.49105929	5.04E-28
RP11-44N11.3	EPS8	0.557690401	3.03E-37
RP11-44N11.3	LY6E	0.389047603	2.58E-17
RP11-44N11.3	UPP1	0.528517438	5.90E-33
RP11-44N11.3	AHNAK2	0.484169131	3.51E-27
RP11-44N11.3	PLXNC1	0.371360082	8.40E-16
RP11-44N11.3	TNC	0.436439007	7.68E-22
RP11-44N11.3	DUSP4	0.442734277	1.69E-22
RP11-44N11.3	NRCAM	0.517825181	1.74E-31
RP11-44N11.3	NRP2	0.536582765	4.23E-34
RP11-44N11.3	CTSC	0.458656139	3.19E-24
RP11-44N11.3	AMIGO2	0.597278603	8.62E-44
RP11-44N11.3	NAB2	0.391493542	1.57E-17
RP11-44N11.3	TBC1D2	0.560454777	1.13E-37
RP11-44N11.3	PHLDA3	0.352124487	2.92E-14
RP11-44N11.3	PTP4A3	0.308096036	4.16E-11
RP11-44N11.3	CRABP2	0.129807498	0.006458507
RP11-44N11.3	GOS2	0.405454426	8.43E-19
RP11-44N11.3	S100A6	0.429037788	4.37E-21
RP11-44N11.3	FOXQ1	0.494165365	2.07E-28
RP11-44N11.3	LRG1	0.517951421	1.68E-31
RP11-44N11.3	LAMP5	0.495877267	1.26E-28
RP11-44N11.3	ALDH3B1	0.411949269	2.06E-19
RP11-44N11.3	CDH2	0.342767681	1.51E-13
RP11-44N11.3	SCG5	0.360025277	7.00E-15
RP11-44N11.3	ZCCHC16	0.437124932	6.52E-22
RP11-44N11.3	GRB7	0.543166259	4.67E-35
RP11-44N11.3	TIAM1	0.741443152	9.83E-78
RP11-44N11.3	FXD5	0.332016275	9.32E-13
RP11-44N11.3	CLDN9	0.277988895	3.12E-09
RP11-44N11.3	FAM43A	0.438681968	4.49E-22
RP11-44N11.3	CHST2	0.613862304	8.20E-47
RP11-44N11.3	HMGA2	0.429197645	4.21E-21
RP11-44N11.3	GALNT7	0.47764138	2.12E-26
RP11-44N11.3	CBLN1	0.463561916	9.00E-25
RP11-44N11.3	STRA6	0.515055131	4.11E-31
RP11-44N11.3	MUC21	0.37035597	1.02E-15

RP11-44N11.3	PRR36	0.445066599	9.58E-23
RP11-44N11.3	NFE2L3	0.470564131	1.43E-25
RP11-44N11.3	NR1D1	0.179810512	0.000152096
RP11-44N11.3	MUC1	0.359180177	8.18E-15
RP11-44N11.3	NAT8L	0.42751624	6.21E-21
RP11-44N11.3	APOC1	0.298595401	1.72E-10
RP11-44N11.3	EVA1A	0.632941587	1.61E-50
RP11-44N11.3	ENTPD1	0.442123076	1.96E-22
RP11-44N11.3	COL1A1	0.411610832	2.22E-19
RP11-44N11.3	FNDC4	0.396842153	5.21E-18
RP11-44N11.3	FRMD3	0.396647828	5.42E-18
RP11-44N11.3	SHROOM4	0.56372156	3.47E-38
RP11-44N11.3	NELL2	0.448481324	4.13E-23
RP11-44N11.3	EPHB3	0.51718476	2.13E-31
RP11-44N11.3	TMC6	0.472073197	9.53E-26
RP11-44N11.3	NOD1	0.562235331	5.94E-38
RP11-44N11.3	GGCT	0.486160037	2.01E-27
RP11-44N11.3	ICAM1	0.478446622	1.70E-26
RP11-44N11.3	PRSS23	0.565065947	2.13E-38
RP11-44N11.3	CFI	0.520667853	7.18E-32
RP11-44N11.3	CD55	0.54349264	4.18E-35
RP11-44N11.3	RASD2	0.643976679	8.76E-53
RP11-44N11.3	KLK11	0.433081657	1.70E-21
RP11-44N11.3	ICAM5	0.47822166	1.81E-26
RP11-44N11.3	ADORA1	0.365547645	2.52E-15
RP11-44N11.3	ITGA2	0.568711167	5.59E-39
RP11-44N11.3	ABCC3	0.435942273	8.64E-22
RP11-44N11.3	MFGE8	0.590743335	1.20E-42
RP11-44N11.3	STK32A	0.527080002	9.37E-33
RP11-44N11.3	CYSLTR2	0.64033614	5.01E-52
RP11-44N11.3	LAD1	0.447407432	5.39E-23
RP11-44N11.3	MGAT3	0.563221138	4.16E-38
RP11-44N11.3	IGFBP6	0.460184637	2.16E-24
RP11-44N11.3	CYP2S1	0.4305165	3.10E-21
RP11-44N11.3	KCNJ2	0.488127965	1.16E-27
RP11-44N11.3	FAM20A	0.501838355	2.22E-29
RP11-44N11.3	TGFA	0.527541417	8.08E-33
RP11-44N11.3	MXRA8	0.597549523	7.72E-44
RP11-44N11.3	C8orf4	0.449338339	3.34E-23
RP11-44N11.3	CLDN10	0.527639979	7.83E-33
RP11-44N11.3	PDE5A	0.519650982	9.87E-32
RP11-44N11.3	APOE	0.312029906	2.28E-11
RP11-44N11.3	SPOCK2	0.473768503	6.05E-26
RP11-44N11.3	TENM1	0.347497289	6.63E-14
RP11-44N11.3	SLIT1	0.412964155	1.65E-19
RP11-44N11.3	CXCL14	0.489931639	6.95E-28
RP11-44N11.3	ECM1	0.343435619	1.35E-13
RP11-44N11.3	DUSP5	0.525655049	1.48E-32
RP11-44N11.3	SEZ6L2	0.331079971	1.09E-12
RP11-44N11.3	THRSP	0.167182951	0.000435349
RP11-44N11.3	C19orf33	0.444661638	1.06E-22

RP11-44N11.3	MPZL2	0.488406687	1.07E-27
RP11-44N11.3	CTSH	0.416136754	8.19E-20
RP11-44N11.3	CYP1B1	0.488695195	9.86E-28
RP11-44N11.3	ALOX5	0.396244143	5.90E-18
RP11-44N11.3	SYTL5	0.603449002	6.79E-45
RP11-44N11.3	TNFRSF12A	0.470425408	1.48E-25
RP11-44N11.3	DUSP6	0.6303687	5.28E-50
RP11-44N11.3	ALOX15B	0.416780153	7.09E-20
RP11-44N11.3	SDC4	0.642343074	1.92E-52
RP11-44N11.3	MDK	0.551735696	2.46E-36
RP11-44N11.3	KRT19	0.463289436	9.66E-25
RP11-44N11.3	MET	0.556825302	4.12E-37
RP11-44N11.3	TESC	0.448783591	3.83E-23
RP11-44N11.3	CXCL17	0.365293405	2.64E-15
RP11-44N11.3	NPC2	0.407347603	5.61E-19
RP11-44N11.3	COMP	0.505490383	7.49E-30
RP11-44N11.3	TUSC3	0.62463456	7.12E-49
RP11-44N11.3	TMPRSS4	0.591995098	7.28E-43
RP11-44N11.3	LGALS3	0.407135548	5.88E-19
RP11-44N11.3	CRLF1	0.557435652	3.32E-37
RP11-44N11.3	CTXN1	0.618163405	1.26E-47
RP11-44N11.3	PCSK1N	0.459638968	2.48E-24
RP11-44N11.3	NMU	0.237146694	5.00E-07
RP11-44N11.3	GALE	0.370619804	9.67E-16
RP11-44N11.3	PCSK2	0.306795763	5.07E-11
RP11-44N11.3	GJB3	0.543347676	4.39E-35
RP11-44N11.3	SLPI	0.454131918	1.01E-23
RP11-44N11.3	AGR2	0.529970901	3.69E-33
RP11-44N11.3	MRC2	0.653204976	9.45E-55
RP11-44N11.3	GOLT1A	0.438570196	4.62E-22
RP11-44N11.3	SLC27A6	0.616644644	2.45E-47
RP11-44N11.3	KCNN4	0.524405129	2.20E-32
RP11-44N11.3	ETV4	0.524131675	2.40E-32
RP11-44N11.3	SYT12	0.578971654	1.18E-40
RP11-44N11.3	PVRL4	0.457121682	4.72E-24
RP11-44N11.3	PLCD3	0.485099904	2.71E-27
RP11-44N11.3	PLAU	0.494010047	2.17E-28
RP11-44N11.3	LRRK2	0.325945543	2.52E-12
RP11-44N11.3	SFN	0.419222687	4.11E-20
RP11-44N11.3	LPAR5	0.537522899	3.10E-34
RP11-44N11.3	NGEF	0.4684128	2.52E-25
RP11-44N11.3	DTX4	0.576705998	2.81E-40
RP11-44N11.3	CST6	0.581721987	4.12E-41
RP11-44N11.3	QPCT	0.514184358	5.38E-31
RP11-44N11.3	TIMP1	0.50229594	1.94E-29
RP11-44N11.3	CAMK2N1	0.542198607	6.48E-35
RP11-44N11.3	KLHDC8A	0.540803299	1.04E-34
RP11-44N11.3	PDLIM4	0.504742162	9.37E-30
RP11-44N11.3	SCEL	0.508601706	2.94E-30
RP11-44N11.3	LCN2	0.385880962	4.90E-17
RP11-44N11.3	PROS1	0.508483835	3.05E-30

RP11-44N11.3	GABRB2	0.624380094	7.99E-49
RP11-44N11.3	TMPRSS6	0.530630471	2.98E-33
RP11-44N11.3	KLK7	0.432929539	1.76E-21
RP11-44N11.3	PDZK1IP1	0.320805724	5.77E-12
RP11-44N11.3	CDH3	0.596849954	1.03E-43
RP11-44N11.3	LRP4	0.533631157	1.12E-33
RP11-44N11.3	IGSF1	0.584162252	1.60E-41
RP11-44N11.3	B3GNT3	0.458576139	3.26E-24
RP11-44N11.3	CLDN1	0.589707173	1.81E-42
RP11-44N11.3	GDF15	0.378748109	2.01E-16
RP11-44N11.3	ARHGAP36	0.547780753	9.68E-36
RP11-44N11.3	LAMB3	0.57021385	3.21E-39
RP11-44N11.3	KLK10	0.510248786	1.79E-30
RP11-44N11.3	DPP4	0.517978371	1.66E-31
RP11-44N11.3	METTL7B	0.452121154	1.67E-23
RP11-44N11.3	LIPH	0.588015129	3.54E-42
RP11-44N11.3	CLDN16	0.499112277	4.94E-29
RP11-44N11.3	CHI3L1	0.339976071	2.44E-13
RP11-44N11.3	SLC22A31	0.497724237	7.40E-29
RP11-44N11.3	TACSTD2	0.567531318	8.63E-39
RP11-44N11.3	SFTPB	0.465101195	6.02E-25
RP11-44N11.3	RXRG	0.485761175	2.25E-27
RP11-44N11.3	DCSTAMP	0.499971543	3.84E-29
RP11-44N11.3	CITED1	0.358071675	1.00E-14
RP11-44N11.3	SERPINA1	0.46093995	1.77E-24
RP11-44N11.3	PRR15	0.655869777	2.48E-55
RP11-44N11.3	SLC34A2	0.407317957	5.65E-19
RP11-44N11.3	FN1	0.508103129	3.42E-30
RP11-44N11.3	ZCCHC12	0.53671326	4.06E-34
RP11-60L3.1	TFF3	-0.485942513	2.14E-27
RP11-60L3.1	CCL21	-0.282430485	1.70E-09
RP11-60L3.1	TPO	-0.569557066	4.09E-39
RP11-60L3.1	MT1G	-0.598207491	5.90E-44
RP11-60L3.1	DIO1	-0.527805483	7.43E-33
RP11-60L3.1	DPT	-0.293119006	3.80E-10
RP11-60L3.1	CDH16	-0.508433707	3.10E-30
RP11-60L3.1	CRABP1	-0.497214288	8.58E-29
RP11-60L3.1	SLC26A7	-0.588548705	2.86E-42
RP11-60L3.1	MT1H	-0.57993676	8.19E-41
RP11-60L3.1	SLC26A4	-0.581706249	4.14E-41
RP11-60L3.1	SLC5A8	-0.660918991	1.89E-56
RP11-60L3.1	PKHD1L1	-0.506594503	5.39E-30
RP11-60L3.1	TFCP2L1	-0.610958026	2.86E-46
RP11-60L3.1	WSCD2	-0.569618313	4.00E-39
RP11-60L3.1	IPCEF1	-0.53378536	1.06E-33
RP11-60L3.1	SLC5A5	-0.397149636	4.88E-18
RP11-60L3.1	MT1F	-0.579434654	9.93E-41
RP11-60L3.1	FOSB	-0.269026779	1.02E-08
RP11-60L3.1	SEMA3D	-0.528765492	5.45E-33
RP11-60L3.1	BMP8A	-0.508091315	3.43E-30
RP11-60L3.1	MATN2	-0.573597665	9.07E-40

RP11-60L3.1	PLA2R1	-0.529423653	4.41E-33
RP11-60L3.1	COL23A1	-0.588244199	3.23E-42
RP11-60L3.1	HGD	-0.601225738	1.71E-44
RP11-60L3.1	TCEAL2	-0.451477518	1.96E-23
RP11-60L3.1	CHRD1	-0.265190518	1.68E-08
RP11-60L3.1	TNFRSF11B	-0.544454864	3.02E-35
RP11-60L3.1	FAM167A	-0.57582882	3.91E-40
RP11-60L3.1	KIT	-0.507080172	4.66E-30
RP11-60L3.1	SLC4A4	-0.659543409	3.84E-56
RP11-60L3.1	SMOC2	-0.381305805	1.22E-16
RP11-60L3.1	FHL1	-0.577888851	1.79E-40
RP11-60L3.1	OTOS	-0.548402522	7.81E-36
RP11-60L3.1	IGFBPL1	-0.607623298	1.18E-45
RP11-60L3.1	HBB	-0.307103709	4.84E-11
RP11-60L3.1	BEX1	-0.298014489	1.87E-10
RP11-60L3.1	FABP4	-0.438491926	4.70E-22
RP11-60L3.1	LMOD1	-0.520792469	6.90E-32
RP11-60L3.1	SOD3	-0.517695187	1.82E-31
RP11-60L3.1	TMEM171	-0.564680563	2.45E-38
RP11-60L3.1	PI16	-0.259916843	3.28E-08
RP11-60L3.1	ZMAT4	-0.567473827	8.82E-39
RP11-60L3.1	MFAP4	-0.178655901	0.000167954
RP11-60L3.1	CWH43	-0.552272654	2.04E-36
RP11-60L3.1	SPX	-0.570444618	2.94E-39
RP11-60L3.1	APOD	-0.076653898	0.108745158
RP11-60L3.1	DPP6	-0.538605104	2.16E-34
RP11-60L3.1	MMRN1	-0.384481413	6.48E-17
RP11-60L3.1	WDR72	-0.558162479	2.56E-37
RP11-60L3.1	MPPED2	-0.604961405	3.61E-45
RP11-60L3.1	PAPSS2	-0.475193549	4.12E-26
RP11-60L3.1	DCN	-0.177376861	0.000187325
RP11-60L3.1	SORBS2	-0.602601693	9.66E-45
RP11-60L3.1	EGR2	-0.274229498	5.17E-09
RP11-60L3.1	EDN3	-0.357965044	1.02E-14
RP11-60L3.1	DIO2	-0.557121396	3.71E-37
RP11-60L3.1	ITPR1	-0.563028055	4.46E-38
RP11-60L3.1	CFD	-0.229867759	1.13E-06
RP11-60L3.1	CPXM1	-0.339005941	2.88E-13
RP11-60L3.1	ELMO1	-0.567681357	8.17E-39
RP11-60L3.1	GPC3	-0.346018541	8.59E-14
RP11-60L3.1	MYOC	-0.142262158	0.002813307
RP11-60L3.1	DEPTOR	-0.560179515	1.25E-37
RP11-60L3.1	DGKI	-0.503208285	1.48E-29
RP11-60L3.1	CARTPT	-0.481084147	8.25E-27
RP11-60L3.1	IYD	-0.566254462	1.38E-38
RP11-60L3.1	LYVE1	-0.322903423	4.12E-12
RP11-60L3.1	CLCNKB	-0.46448701	7.07E-25
RP11-60L3.1	NCAM1	-0.603415602	6.89E-45
RP11-60L3.1	HBA2	-0.231591924	9.32E-07
RP11-60L3.1	GLT8D2	-0.469639924	1.82E-25
RP11-60L3.1	OGDHL	-0.568681716	5.65E-39

RP11-60L3.1	LIFR	-0.539022275	1.88E-34
RP11-60L3.1	CSGALNACT1	-0.446080687	7.47E-23
RP11-60L3.1	RAP1GAP	-0.571235398	2.19E-39
RP11-60L3.1	COL9A3	-0.41566069	9.10E-20
RP11-60L3.1	FBLN1	-0.180942963	0.000137916
RP11-60L3.1	EFEMP1	-0.371170962	8.71E-16
RP11-60L3.1	AOX1	-0.507205766	4.48E-30
RP11-60L3.1	GRIN2C	-0.562666933	5.09E-38
RP11-60L3.1	C11orf74	-0.476855847	2.62E-26
RP11-60L3.1	PPARGC1A	-0.637832069	1.64E-51
RP11-60L3.1	ANGPTL1	-0.443881884	1.28E-22
RP11-60L3.1	SCARA5	-0.244247914	2.20E-07
RP11-60L3.1	LTF	-0.469023107	2.15E-25
RP11-60L3.1	CA4	-0.379292096	1.81E-16
RP11-60L3.1	TG	-0.546457285	1.52E-35
RP11-60L3.1	FCGBP	-0.4743033	5.24E-26
RP11-60L3.1	PBX4	-0.381908859	1.08E-16
RP11-60L3.1	CYR61	-0.29739597	2.05E-10
RP11-60L3.1	FOS	-0.316742063	1.10E-11
RP11-60L3.1	KHDRBS2	-0.43284771	1.79E-21
RP11-60L3.1	MUM1L1	-0.3991559	3.21E-18
RP11-60L3.1	RGS16	-0.529300488	4.59E-33
RP11-60L3.1	MT1M	-0.496017335	1.21E-28
RP11-60L3.1	LRP2	-0.575305938	4.77E-40
RP11-60L3.1	MAFB	-0.551085187	3.09E-36
RP11-60L3.1	KCNK2	-0.449432812	3.26E-23
RP11-60L3.1	TBC1D4	-0.541000716	9.70E-35
RP11-60L3.1	MIOX	-0.483203249	4.59E-27
RP11-60L3.1	TPPP	-0.510834285	1.50E-30
RP11-60L3.1	FMOD	-0.558865852	1.99E-37
RP11-60L3.1	CITED2	-0.432917097	1.77E-21
RP11-60L3.1	RGS8	-0.542892657	5.13E-35
RP11-60L3.1	ABI3BP	-0.39471161	8.10E-18
RP11-60L3.1	ADH1B	-0.323556073	3.71E-12
RP11-60L3.1	OGN	-0.249831483	1.13E-07
RP11-60L3.1	NR4A1	-0.204591736	1.56E-05
RP11-60L3.1	FOXJ1	-0.424747103	1.17E-20
RP11-60L3.1	ALDH1A1	-0.495427478	1.44E-28
RP11-60L3.1	OCA2	-0.334668217	5.99E-13
RP11-60L3.1	TMEM139	-0.299005909	1.62E-10
RP11-60L3.1	ARHGAP24	-0.625662595	4.48E-49
RP11-60L3.1	SLC25A15	-0.616559327	2.54E-47
RP11-60L3.1	DES	-0.238839853	4.12E-07
RP11-60L3.1	GDF10	-0.390398984	1.96E-17
RP11-60L3.1	KIAA1324	-0.497161292	8.72E-29
RP11-60L3.1	JUN	-0.352545695	2.71E-14
RP11-60L3.1	C7	-0.130272435	0.006268689
RP11-60L3.1	LGI3	-0.580469635	6.67E-41
RP11-60L3.1	CDON	-0.587318193	4.65E-42
RP11-60L3.1	BCL2	-0.560468271	1.12E-37
RP11-60L3.1	HLF	-0.535128395	6.85E-34

RP11-60L3.1	EGR1	-0.333538588	7.23E-13
RP11-60L3.1	IP6K3	-0.514812451	4.43E-31
RP11-60L3.1	SCUBE3	-0.461541272	1.52E-24
RP11-60L3.1	PKNOX2	-0.396319989	5.80E-18
RP11-60L3.1	SMAD9	-0.437080577	6.59E-22
RP11-60L3.1	IQGAP2	-0.644120426	8.17E-53
RP11-60L3.1	GNA14	-0.578771295	1.28E-40
RP11-60L3.1	LAYN	-0.401856728	1.82E-18
RP11-60L3.1	AVPR1A	-0.5181799	1.56E-31
RP11-60L3.1	PDLIM3	-0.441128271	2.50E-22
RP11-60L3.1	GPM6A	-0.506929337	4.87E-30
RP11-60L3.1	SDPR	-0.375372044	3.88E-16
RP11-60L3.1	CRYAB	-0.380540424	1.42E-16
RP11-60L3.1	FOXA2	-0.332952798	7.97E-13
RP11-60L3.1	C8orf88	-0.507347785	4.30E-30
RP11-60L3.1	ISM1	-0.456369203	5.72E-24
RP11-60L3.1	BMP2	-0.298753336	1.68E-10
RP11-60L3.1	ID4	-0.44872348	3.89E-23
RP11-60L3.1	NUPR1	-0.480035428	1.10E-26
RP11-60L3.1	SERTM1	-0.578651534	1.34E-40
RP11-60L3.1	IRS1	-0.551215163	2.95E-36
RP11-60L3.1	FIBIN	-0.391870023	1.45E-17
RP11-60L3.1	PODN	-0.186357815	8.57E-05
RP11-60L3.1	TDRD9	-0.465340224	5.66E-25
RP11-60L3.1	EPHA3	-0.38401316	7.11E-17
RP11-60L3.1	AIF1L	-0.359032704	8.40E-15
RP11-60L3.1	EBF4	-0.513535822	6.56E-31
RP11-60L3.1	ADM2	-0.538810568	2.02E-34
RP11-60L3.1	GSTM3	-0.537287184	3.35E-34
RP11-60L3.1	HSD17B6	-0.229630227	1.16E-06
RP11-60L3.1	AGR3	-0.246970372	1.59E-07
RP11-60L3.1	EPHB1	-0.51946859	1.04E-31
RP11-60L3.1	TMOD1	-0.493723462	2.35E-28
RP11-60L3.1	WASF3	-0.593745464	3.61E-43
RP11-60L3.1	SELV	-0.502552291	1.79E-29
RP11-60L3.1	ENPP1	-0.469776143	1.76E-25
RP11-60L3.1	SYNE1	-0.560208056	1.23E-37
RP11-60L3.1	PLCH1	-0.508607103	2.94E-30
RP11-60L3.1	CCDC146	-0.486582885	1.79E-27
RP11-60L3.1	SLC16A2	-0.523986666	2.52E-32
RP11-60L3.1	IER2	-0.348678349	5.39E-14
RP11-60L3.1	KCNAB1	-0.400704683	2.32E-18
RP11-60L3.1	SYNDIG1	-0.450473044	2.52E-23
RP11-60L3.1	C16orf89	-0.502962949	1.59E-29
RP11-60L3.1	CTGF	-0.199574758	2.53E-05
RP11-60L3.1	NR4A3	-0.1580976	0.000887373
RP11-60L3.1	KIAA1456	-0.52974845	3.97E-33
RP11-60L3.1	AQP4	-0.508446619	3.09E-30
RP11-60L3.1	RNF150	-0.514177045	5.39E-31
RP11-60L3.1	C1S	-0.143995375	0.00249282
RP11-60L3.1	PFKFB2	-0.611826848	1.97E-46

RP11-60L3.1	PROX1	-0.512543267	8.90E-31
RP11-60L3.1	TCF7L1	-0.499107523	4.94E-29
RP11-60L3.1	HSPB6	-0.23554994	5.99E-07
RP11-60L3.1	FHDC1	-0.472212762	9.18E-26
RP11-60L3.1	PRR15L	-0.563890634	3.26E-38
RP11-60L3.1	SLC1A1	-0.605903162	2.43E-45
RP11-60L3.1	BTBD11	-0.48880879	9.55E-28
RP11-60L3.1	TRIM58	-0.520923864	6.62E-32
RP11-60L3.1	LRIG1	-0.549728104	4.94E-36
RP11-60L3.1	ROR2	-0.339632691	2.59E-13
RP11-60L3.1	GPR125	-0.500129592	3.66E-29
RP11-60L3.1	FLRT1	-0.492850383	3.02E-28
RP11-60L3.1	PGF	-0.451739598	1.84E-23
RP11-60L3.1	DUSP1	-0.282301899	1.73E-09
RP11-60L3.1	PLA2G7	-0.336067581	4.73E-13
RP11-60L3.1	PLSCR4	-0.482891063	5.01E-27
RP11-60L3.1	FAM46B	-0.42916795	4.24E-21
RP11-60L3.1	GLDC	-0.393591208	1.02E-17
RP11-60L3.1	ZBTB16	-0.490208442	6.42E-28
RP11-60L3.1	OMD	-0.181645271	0.000129755
RP11-60L3.1	HSD11B2	-0.373383387	5.70E-16
RP11-60L3.1	FGL2	-0.26983331	9.22E-09
RP11-60L3.1	CLCNKA	-0.522575752	3.93E-32
RP11-60L3.1	GATM	-0.542271527	6.32E-35
RP11-60L3.1	TNS3	-0.498549734	5.82E-29
RP11-60L3.1	TOB1	-0.312225264	2.21E-11
RP11-60L3.1	MARC2	-0.586459303	6.52E-42
RP11-60L3.1	LRRC2	-0.53325595	1.27E-33
RP11-60L3.1	SORD	-0.351163213	3.47E-14
RP11-60L3.1	RIMS4	-0.437139747	6.50E-22
RP11-60L3.1	SLC29A4	-0.435831051	8.87E-22
RP11-60L3.1	SLC39A14	-0.65066547	3.34E-54
RP11-60L3.1	FAXDC2	-0.467891495	2.89E-25
RP11-60L3.1	HSPB8	-0.375890102	3.51E-16
RP11-60L3.1	CCL19	-0.015498778	0.746067466
RP11-60L3.1	KCNIP3	-0.470269937	1.54E-25
RP11-60L3.1	CGNL1	-0.574468332	6.54E-40
RP11-60L3.1	ATF3	-0.070003567	0.143097602
RP11-60L3.1	SGCD	-0.391374384	1.61E-17
RP11-60L3.1	STARD13	-0.493434706	2.56E-28
RP11-60L3.1	LDHD	-0.549874114	4.70E-36
RP11-60L3.1	RCAN1	-0.279337573	2.60E-09
RP11-60L3.1	ID3	-0.386502848	4.32E-17
RP11-60L3.1	SYTL3	-0.600608069	2.20E-44
RP11-60L3.1	MT1E	-0.493690259	2.38E-28
RP11-60L3.1	CAMK1D	-0.493224134	2.72E-28
RP11-60L3.1	PRKCQ	-0.556617102	4.43E-37
RP11-60L3.1	NUAK2	-0.448378391	4.24E-23
RP11-60L3.1	LIPG	-0.454798994	8.51E-24
RP11-60L3.1	SLC25A25	-0.43666894	7.27E-22
RP11-60L3.1	PRKX	-0.312450593	2.14E-11

RP11-60L3.1	SRPX	-0.205786349	1.39E-05
RP11-60L3.1	FAM189A1	-0.462621518	1.15E-24
RP11-60L3.1	PLEKHH1	-0.42076763	2.90E-20
RP11-60L3.1	WNT11	-0.374344299	4.74E-16
RP11-60L3.1	SNAI1	-0.313055349	1.95E-11
RP11-60L3.1	FDCSP	-0.06763635	0.157150922
RP11-60L3.1	MT1X	-0.436654467	7.29E-22
RP11-60L3.1	ACACB	-0.600810695	2.03E-44
RP11-60L3.1	ARC	-0.086772849	0.069318735
RP11-60L3.1	KLK4	-0.369214983	1.26E-15
RP11-60L3.1	ZFPM2	-0.297126795	2.13E-10
RP11-60L3.1	AKAP12	-0.389172033	2.52E-17
RP11-60L3.1	GJB6	-0.389970247	2.14E-17
RP11-60L3.1	ERO1LB	-0.508546513	2.99E-30
RP11-60L3.1	DNALI1	-0.342252354	1.65E-13
RP11-60L3.1	HKDC1	-0.452827932	1.40E-23
RP11-60L3.1	ZFP36L2	-0.456397724	5.68E-24
RP11-60L3.1	CAPSL	-0.435405906	9.81E-22
RP11-60L3.1	CYP7B1	-0.524664923	2.03E-32
RP11-60L3.1	CPQ	-0.410367584	2.92E-19
RP11-60L3.1	RPS6KA6	-0.475477142	3.81E-26
RP11-60L3.1	TLE1	-0.565260346	1.98E-38
RP11-60L3.1	TP53INP2	-0.470961107	1.28E-25
RP11-60L3.1	KATNAL2	-0.517527893	1.91E-31
RP11-60L3.1	SGPP2	-0.434141224	1.32E-21
RP11-60L3.1	CTH	-0.534102637	9.59E-34
RP11-60L3.1	KIF12	-0.228146006	1.36E-06
RP11-60L3.1	TMEM220	-0.559465784	1.61E-37
RP11-60L3.1	CENPJ	-0.449158388	3.49E-23
RP11-60L3.1	FAM155B	-0.317003149	1.05E-11
RP11-60L3.1	WFS1	-0.494412362	1.93E-28
RP11-60L3.1	SELENBP1	-0.388867101	2.68E-17
RP11-60L3.1	SNTA1	-0.60655829	1.85E-45
RP11-60L3.1	FRAS1	-0.286074743	1.03E-09
RP11-60L3.1	FBLN7	-0.550781532	3.43E-36
RP11-60L3.1	AGPAT9	-0.487824323	1.26E-27
RP11-60L3.1	GPR83	-0.326925434	2.15E-12
RP11-60L3.1	PRTG	-0.522531108	3.99E-32
RP11-60L3.1	EGR3	-0.09144034	0.055564233
RP11-60L3.1	GRAMD2	-0.336599971	4.33E-13
RP11-60L3.1	HYOU1	-0.569720103	3.85E-39
RP11-60L3.1	FBLN5	-0.277963321	3.13E-09
RP11-60L3.1	ITM2A	-0.406197719	7.19E-19
RP11-60L3.1	SRF	-0.308917978	3.68E-11
RP11-60L3.1	FGFR2	-0.3147395	1.50E-11
RP11-60L3.1	MT1A	-0.300309154	1.34E-10
RP11-60L3.1	MAMDC2	-0.252084812	8.63E-08
RP11-60L3.1	FHL2	-0.344966094	1.03E-13
RP11-60L3.1	FTCDNL1	-0.581809265	3.98E-41
RP11-60L3.1	PKIA	-0.285505744	1.11E-09
RP11-60L3.1	DNAJB4	-0.366386407	2.15E-15

RP11-60L3.1	SLC25A33	-0.532189894	1.79E-33
RP11-60L3.1	EYA2	-0.478186396	1.83E-26
RP11-60L3.1	LPAR1	-0.397623152	4.42E-18
RP11-60L3.1	STX11	-0.4580254	3.75E-24
RP11-60L3.1	ARHGEF28	-0.571775309	1.79E-39
RP11-60L3.1	OR2W3	-0.448996911	3.64E-23
RP11-60L3.1	ALDH1B1	-0.593883052	3.41E-43
RP11-60L3.1	CXCL12	-0.24603569	1.78E-07
RP11-60L3.1	OLFM2	-0.309380413	3.42E-11
RP11-60L3.1	TUB	-0.400523483	2.41E-18
RP11-60L3.1	HTRA3	-0.171658496	0.000302388
RP11-60L3.1	CKB	-0.423626386	1.52E-20
RP11-60L3.1	RGS2	-0.123360166	0.009675883
RP11-60L3.1	SHANK2	-0.503042694	1.55E-29
RP11-60L3.1	CNTFR	-0.436885381	6.90E-22
RP11-60L3.1	CYTH3	-0.520198214	8.32E-32
RP11-60L3.1	PLAC9	-0.236379174	5.45E-07
RP11-60L3.1	WWOX	-0.504315775	1.06E-29
RP11-60L3.1	NPR3	-0.366176119	2.24E-15
RP11-60L3.1	SDC2	-0.273225308	5.90E-09
RP11-60L3.1	KLF15	-0.462571571	1.16E-24
RP11-60L3.1	TMEM164	-0.57762223	1.98E-40
RP11-60L3.1	LONRF3	-0.291403748	4.85E-10
RP11-60L3.1	GBP1	-0.252838983	7.88E-08
RP11-60L3.1	ARHGAP6	-0.496799176	9.68E-29
RP11-60L3.1	TMEM119	-0.149275142	0.001710741
RP11-60L3.1	SH3RF1	-0.512791158	8.25E-31
RP11-60L3.1	CRELD2	-0.442682872	1.71E-22
RP11-60L3.1	PCP4	-0.091903201	0.054333322
RP11-60L3.1	GCSH	-0.525974613	1.34E-32
RP11-60L3.1	IMPA2	-0.43019314	3.34E-21
RP11-60L3.1	C1R	-0.105749448	0.026719216
RP11-60L3.1	SUCNR1	-0.33102492	1.10E-12
RP11-60L3.1	SFRP1	-0.435218065	1.03E-21
RP11-60L3.1	UGT8	-0.603427947	6.85E-45
RP11-60L3.1	TLE4	-0.229061086	1.23E-06
RP11-60L3.1	ANTXR1	-0.429183984	4.22E-21
RP11-60L3.1	GPX3	-0.406334505	6.98E-19
RP11-60L3.1	DPY19L2	-0.441389216	2.34E-22
RP11-60L3.1	FAM46C	-0.525041087	1.80E-32
RP11-60L3.1	IL33	-0.265508363	1.62E-08
RP11-60L3.1	PEG3	-0.520783388	6.92E-32
RP11-60L3.1	FAHD2A	-0.474679038	4.73E-26
RP11-60L3.1	PTGDS	-0.073986557	0.121648097
RP11-60L3.1	CHCHD10	-0.466772654	3.89E-25
RP11-60L3.1	CD36	-0.463116873	1.01E-24
RP11-60L3.1	ANKRD37	-0.293608795	3.54E-10
RP11-60L3.1	TSPAN33	-0.495322334	1.48E-28
RP11-60L3.1	PRDM16	-0.393606391	1.02E-17
RP11-60L3.1	UST	-0.469852482	1.72E-25
RP11-60L3.1	NEXN	-0.505588714	7.28E-30

RP11-60L3.1	NUPR1L	-0.237592531	4.75E-07
RP11-60L3.1	SLC24A3	-0.59572575	1.62E-43
RP11-60L3.1	MARC1	-0.473533236	6.44E-26
RP11-60L3.1	MYH11	-0.25656344	4.99E-08
RP11-60L3.1	APOA1	-0.367145629	1.87E-15
RP11-60L3.1	TMEM178B	-0.419007707	4.31E-20
RP11-60L3.1	CAPN6	-0.158320487	0.00087239
RP11-60L3.1	PPM1L	-0.602973316	8.28E-45
RP11-60L3.1	FZD8	-0.515855662	3.21E-31
RP11-60L3.1	RCAN2	-0.55129732	2.87E-36
RP11-60L3.1	COPZ2	-0.539341539	1.69E-34
RP11-60L3.1	GAS1	-0.325788714	2.59E-12
RP11-60L3.1	DACT1	-0.330707075	1.16E-12
RP11-60L3.1	WBSR17	-0.397832021	4.24E-18
RP11-60L3.1	NCS1	-0.372583384	6.65E-16
RP11-60L3.1	SPIRE2	-0.268341143	1.12E-08
RP11-60L3.1	C15orf52	-0.522718551	3.76E-32
RP11-60L3.1	SPAG5	-0.368236717	1.52E-15
RP11-60L3.1	ARL4D	-0.425757931	9.32E-21
RP11-60L3.1	FAM189A2	-0.290878311	5.23E-10
RP11-60L3.1	MAP1LC3A	-0.457765023	4.01E-24
RP11-60L3.1	KLF6	-0.093459221	0.050360397
RP11-60L3.1	ADD3	-0.387247938	3.72E-17
RP11-60L3.1	TSPAN7	-0.320883833	5.70E-12
RP11-60L3.1	KLF9	-0.340521378	2.22E-13
RP11-60L3.1	KCNQ1	-0.554742244	8.59E-37
RP11-60L3.1	MAN1A1	-0.246982413	1.59E-07
RP11-60L3.1	MLF1	-0.201066073	2.19E-05
RP11-60L3.1	RARB	-0.470903072	1.30E-25
RP11-60L3.1	CDC42EP2	-0.400627067	2.35E-18
RP11-60L3.1	FAM3B	-0.219895101	3.30E-06
RP11-60L3.1	GADD45B	-0.219357603	3.49E-06
RP11-60L3.1	TMEM47	-0.452017854	1.71E-23
RP11-60L3.1	SDF2L1	-0.395806613	6.46E-18
RP11-60L3.1	CCDC85A	-0.352879999	2.56E-14
RP11-60L3.1	CRYBG3	-0.400739731	2.30E-18
RP11-60L3.1	FBLN2	-0.119762989	0.012032039
RP11-60L3.1	PEBP4	-0.360070665	6.95E-15
RP11-60L3.1	CDADC1	-0.531350302	2.36E-33
RP11-60L3.1	FAM63A	-0.542224843	6.42E-35
RP11-60L3.1	GLUL	-0.391519259	1.56E-17
RP11-60L3.1	FREM2	-0.561923545	6.65E-38
RP11-60L3.1	ACKR3	-0.350082257	4.20E-14
RP11-60L3.1	DENND6A	-0.547473536	1.08E-35
RP11-60L3.1	CLDN8	-0.339556351	2.62E-13
RP11-60L3.1	UTS2R	-0.171712569	0.000301043
RP11-60L3.1	SCNN1B	-0.245911248	1.81E-07
RP11-60L3.1	TTC30A	-0.576176605	3.43E-40
RP11-60L3.1	CORO2B	-0.432419471	1.98E-21
RP11-60L3.1	TC2N	-0.472215884	9.17E-26
RP11-60L3.1	ALDH2	-0.590769219	1.19E-42

RP11-60L3.1	GPR183	-0.111436596	0.019518495
RP11-60L3.1	C4orf47	-0.322489374	4.41E-12
RP11-60L3.1	SLC25A42	-0.476961559	2.55E-26
RP11-60L3.1	LGMN	-0.567333431	9.29E-39
RP11-60L3.1	ACSF2	-0.568527618	5.98E-39
RP11-60L3.1	KIAA1467	-0.573775459	8.49E-40
RP11-60L3.1	PRKG1	-0.524471946	2.16E-32
RP11-60L3.1	GNAI1	-0.541552262	8.06E-35
RP11-60L3.1	ABCC4	-0.45106503	2.17E-23
RP11-60L3.1	PRPS1	-0.615784155	3.56E-47
RP11-60L3.1	TSPAN5	-0.425992626	8.83E-21
RP11-60L3.1	CR2	-0.208825909	1.03E-05
RP11-60L3.1	CCDC170	-0.496609747	1.02E-28
RP11-60L3.1	RRAD	0.016973894	0.722848703
RP11-60L3.1	SCGB2A1	-0.401475882	1.97E-18
RP11-60L3.1	SESN3	-0.267703184	1.22E-08
RP11-60L3.1	SGK223	-0.285336747	1.14E-09
RP11-60L3.1	NDRG2	-0.554533659	9.25E-37
RP11-60L3.1	C3orf52	-0.33932038	2.73E-13
RP11-60L3.1	FLRT3	0.262558642	2.35E-08
RP11-60L3.1	MST1R	0.553929612	1.14E-36
RP11-60L3.1	SDC1	0.167172063	0.00043573
RP11-60L3.1	ST8SIA4	0.338600121	3.08E-13
RP11-60L3.1	UBTD1	0.496119925	1.18E-28
RP11-60L3.1	EPHA2	0.44459221	1.08E-22
RP11-60L3.1	TMEM130	0.476045911	3.27E-26
RP11-60L3.1	SPINK2	0.324925142	2.98E-12
RP11-60L3.1	MMP16	0.469356844	1.96E-25
RP11-60L3.1	SIGLEC15	0.557392132	3.37E-37
RP11-60L3.1	RIN1	0.692375619	6.30E-64
RP11-60L3.1	IL1RN	0.339060996	2.85E-13
RP11-60L3.1	FCER1G	0.240967346	3.22E-07
RP11-60L3.1	CD276	0.622157223	2.16E-48
RP11-60L3.1	CTSB	0.322195652	4.62E-12
RP11-60L3.1	FAM171A2	0.364987465	2.80E-15
RP11-60L3.1	ASPHD1	0.548706177	7.04E-36
RP11-60L3.1	C15orf48	0.215808954	5.05E-06
RP11-60L3.1	DYSF	0.239272979	3.92E-07
RP11-60L3.1	PDZRN4	0.341123297	2.00E-13
RP11-60L3.1	EFHD2	0.313076775	1.94E-11
RP11-60L3.1	ASF1B	0.302896526	9.10E-11
RP11-60L3.1	AQP1	0.202023012	2.00E-05
RP11-60L3.1	ARRDC2	0.628874102	1.05E-49
RP11-60L3.1	PRSS1	0.466902668	3.76E-25
RP11-60L3.1	MAPK13	0.39217013	1.37E-17
RP11-60L3.1	CST5	0.562486321	5.43E-38
RP11-60L3.1	AHR	0.392998513	1.15E-17
RP11-60L3.1	BAX	0.448987972	3.65E-23
RP11-60L3.1	C1orf115	0.440105777	3.19E-22
RP11-60L3.1	PLK3	0.448583997	4.03E-23
RP11-60L3.1	JAG2	0.358077609	1.00E-14

RP11-60L3.1	RAD23B	0.43289184	1.78E-21
RP11-60L3.1	CA12	-0.026679222	0.577187725
RP11-60L3.1	ADTRP	0.479719145	1.20E-26
RP11-60L3.1	UCP2	0.510718357	1.55E-30
RP11-60L3.1	IGFBP2	0.365476719	2.55E-15
RP11-60L3.1	LOXL2	0.303652825	8.13E-11
RP11-60L3.1	GPX1	0.386034169	4.75E-17
RP11-60L3.1	P3H3	0.575153117	5.05E-40
RP11-60L3.1	C2orf81	0.604576728	4.24E-45
RP11-60L3.1	CDT1	0.379570998	1.71E-16
RP11-60L3.1	SNX25	0.420493347	3.09E-20
RP11-60L3.1	MTHFD1L	0.442469462	1.80E-22
RP11-60L3.1	CDC42BPG	0.50090173	2.92E-29
RP11-60L3.1	MSN	0.418765351	4.55E-20
RP11-60L3.1	SIGLEC6	0.563735777	3.45E-38
RP11-60L3.1	F2R	0.183746381	0.000107966
RP11-60L3.1	TMEM184A	0.590127144	1.53E-42
RP11-60L3.1	CKS2	0.273336128	5.82E-09
RP11-60L3.1	TAX1BP3	0.56747944	8.80E-39
RP11-60L3.1	PMEPA1	0.455077676	7.93E-24
RP11-60L3.1	CXCL16	0.43548057	9.64E-22
RP11-60L3.1	FAXC	0.607804695	1.09E-45
RP11-60L3.1	VTCN1	0.468008518	2.81E-25
RP11-60L3.1	SH2D4A	0.4575641	4.22E-24
RP11-60L3.1	RNF24	0.412446061	1.85E-19
RP11-60L3.1	LY6G6C	0.579278278	1.05E-40
RP11-60L3.1	NID1	0.3023105	9.93E-11
RP11-60L3.1	STAC	0.5094606	2.27E-30
RP11-60L3.1	RAB34	0.683799917	8.54E-62
RP11-60L3.1	HES4	0.393218308	1.10E-17
RP11-60L3.1	EPHA10	0.557613913	3.11E-37
RP11-60L3.1	ENTPD2	0.567517326	8.68E-39
RP11-60L3.1	DDB2	0.490206739	6.43E-28
RP11-60L3.1	NKAIN4	0.490600781	5.75E-28
RP11-60L3.1	TRIM29	0.586543872	6.31E-42
RP11-60L3.1	ADCY8	0.527095034	9.33E-33
RP11-60L3.1	SFTA2	0.354542865	1.90E-14
RP11-60L3.1	NRIP1	0.457924939	3.85E-24
RP11-60L3.1	VWA1	0.289226512	6.61E-10
RP11-60L3.1	APLNR	0.168786685	0.00038245
RP11-60L3.1	REN	0.59473915	2.42E-43
RP11-60L3.1	EDIL3	0.189913134	6.22E-05
RP11-60L3.1	AGRN	0.437408496	6.09E-22
RP11-60L3.1	TREM1	0.388442835	2.92E-17
RP11-60L3.1	SRL	0.312219163	2.22E-11
RP11-60L3.1	RASGRF1	0.706248258	1.54E-67
RP11-60L3.1	RMI2	0.447995559	4.66E-23
RP11-60L3.1	SAMD1	0.553978566	1.12E-36
RP11-60L3.1	MGAT4B	0.575964898	3.72E-40
RP11-60L3.1	NXN	0.60350755	6.63E-45
RP11-60L3.1	SH3BGRL3	0.464961365	6.25E-25

RP11-60L3.1	CA11	0.479678846	1.21E-26
RP11-60L3.1	PLD3	0.448812306	3.81E-23
RP11-60L3.1	LURAP1L	0.283319569	1.51E-09
RP11-60L3.1	CARNS1	0.430836634	2.87E-21
RP11-60L3.1	PDLIM7	0.546673107	1.42E-35
RP11-60L3.1	BCL2L1	0.508527216	3.01E-30
RP11-60L3.1	GGT6	0.447383141	5.42E-23
RP11-60L3.1	DPYSL3	0.384647572	6.27E-17
RP11-60L3.1	FYN	0.561381649	8.09E-38
RP11-60L3.1	TK1	0.274787854	4.80E-09
RP11-60L3.1	AK1	0.308717764	3.79E-11
RP11-60L3.1	HIGD1B	0.201037126	2.20E-05
RP11-60L3.1	TMEM59L	0.468638004	2.38E-25
RP11-60L3.1	MEGF9	0.315169016	1.40E-11
RP11-60L3.1	ZFP36L1	0.446191223	7.27E-23
RP11-60L3.1	ADRA1B	0.366453098	2.13E-15
RP11-60L3.1	EPHA4	0.447385127	5.42E-23
RP11-60L3.1	TCERG1L	0.363387459	3.77E-15
RP11-60L3.1	NGFR	0.454304065	9.64E-24
RP11-60L3.1	EBI3	0.398429257	3.74E-18
RP11-60L3.1	S100A10	0.459332962	2.68E-24
RP11-60L3.1	S100B	0.357968492	1.02E-14
RP11-60L3.1	CD44	0.325006731	2.94E-12
RP11-60L3.1	BHLHE41	0.451713205	1.85E-23
RP11-60L3.1	FBXO2	0.491115292	4.96E-28
RP11-60L3.1	SLC30A2	0.240469153	3.41E-07
RP11-60L3.1	FRMD5	0.318594785	8.19E-12
RP11-60L3.1	SAMD11	0.395320907	7.14E-18
RP11-60L3.1	SIPA1L2	0.51521302	3.92E-31
RP11-60L3.1	S100A16	0.595913618	1.50E-43
RP11-60L3.1	PPL	0.442211639	1.92E-22
RP11-60L3.1	ARHGD1B	0.301160441	1.18E-10
RP11-60L3.1	CDC42EP3	0.439683214	3.53E-22
RP11-60L3.1	RUNX2	0.581742432	4.09E-41
RP11-60L3.1	LAMC2	0.405621484	8.14E-19
RP11-60L3.1	BRINP1	0.474402059	5.10E-26
RP11-60L3.1	GPRC5B	0.371818144	7.69E-16
RP11-60L3.1	AQP5	0.465906385	4.88E-25
RP11-60L3.1	PLAG1	0.526224916	1.23E-32
RP11-60L3.1	PTPRU	0.572886771	1.18E-39
RP11-60L3.1	ANGPTL4	0.322790901	4.20E-12
RP11-60L3.1	PALM3	0.504542523	9.94E-30
RP11-60L3.1	ACP5	0.3398146	2.51E-13
RP11-60L3.1	DLG4	0.494672597	1.79E-28
RP11-60L3.1	ETNK2	0.681168334	3.73E-61
RP11-60L3.1	CD109	0.594698147	2.46E-43
RP11-60L3.1	SNX22	0.423028867	1.74E-20
RP11-60L3.1	TMEM98	0.631329877	3.39E-50
RP11-60L3.1	CTHRC1	0.377212705	2.72E-16
RP11-60L3.1	S100A2	0.480768174	9.00E-27
RP11-60L3.1	C11orf80	0.587819082	3.82E-42

RP11-60L3.1	SREBF1	0.546077858	1.74E-35
RP11-60L3.1	PRSS22	0.588885564	2.51E-42
RP11-60L3.1	CMTM3	0.455312228	7.48E-24
RP11-60L3.1	RDH5	0.568159259	6.85E-39
RP11-60L3.1	MYH10	0.384032032	7.09E-17
RP11-60L3.1	EVPL	0.488404532	1.07E-27
RP11-60L3.1	SCD	0.379469401	1.75E-16
RP11-60L3.1	CD151	0.645937958	3.39E-53
RP11-60L3.1	S100A4	0.5253446	1.63E-32
RP11-60L3.1	BNIP1	0.473287474	6.88E-26
RP11-60L3.1	MAP3K6	0.516569535	2.58E-31
RP11-60L3.1	MANEAL	0.37857149	2.08E-16
RP11-60L3.1	CD207	0.421523235	2.45E-20
RP11-60L3.1	CD1A	0.410538463	2.81E-19
RP11-60L3.1	C3	0.373333582	5.75E-16
RP11-60L3.1	NT5E	0.434581524	1.19E-21
RP11-60L3.1	CACNG4	0.52204492	4.65E-32
RP11-60L3.1	FHOD1	0.565013591	2.17E-38
RP11-60L3.1	LEMD1	0.564030543	3.10E-38
RP11-60L3.1	ATP11A	0.396884731	5.16E-18
RP11-60L3.1	PPAP2C	0.479972569	1.12E-26
RP11-60L3.1	DRAM1	0.535445672	6.17E-34
RP11-60L3.1	CDA	0.291099383	5.07E-10
RP11-60L3.1	CCND2	0.362346943	4.57E-15
RP11-60L3.1	LCN6	0.501632773	2.35E-29
RP11-60L3.1	CDH4	0.403871778	1.18E-18
RP11-60L3.1	MMP11	0.469595936	1.84E-25
RP11-60L3.1	B3GAT1	0.468333498	2.58E-25
RP11-60L3.1	SPP1	0.232889127	8.07E-07
RP11-60L3.1	HLA-DQB1	0.181234557	0.000134471
RP11-60L3.1	SDC3	0.588509117	2.91E-42
RP11-60L3.1	CX3CL1	0.33065727	1.17E-12
RP11-60L3.1	SDK1	0.54619634	1.67E-35
RP11-60L3.1	DOCK9	0.455920957	6.41E-24
RP11-60L3.1	CSF2	0.586387351	6.71E-42
RP11-60L3.1	GRHL3	0.500181525	3.61E-29
RP11-60L3.1	TMEM92	0.587744566	3.93E-42
RP11-60L3.1	BASP1	0.605904722	2.43E-45
RP11-60L3.1	HRH1	0.511210165	1.34E-30
RP11-60L3.1	ESM1	0.153996695	0.00120913
RP11-60L3.1	B4GALNT3	0.487750822	1.29E-27
RP11-60L3.1	LMO3	0.292299105	4.27E-10
RP11-60L3.1	C9orf16	0.458512667	3.31E-24
RP11-60L3.1	SEMA3F	0.460377734	2.05E-24
RP11-60L3.1	PLA2G12B	0.393338954	1.08E-17
RP11-60L3.1	KLK6	0.672666248	3.92E-59
RP11-60L3.1	ST3GAL5	0.509614131	2.17E-30
RP11-60L3.1	FAM132B	0.292782399	3.99E-10
RP11-60L3.1	CDKN1A	0.216496009	4.70E-06
RP11-60L3.1	E2F1	0.365784347	2.41E-15
RP11-60L3.1	B3GNT8	0.539952822	1.38E-34

RP11-60L3.1	MTMR11	0.585265115	1.04E-41
RP11-60L3.1	MYO1G	0.522236392	4.38E-32
RP11-60L3.1	TMSB10	0.555054129	7.70E-37
RP11-60L3.1	UNC5CL	0.553116554	1.52E-36
RP11-60L3.1	ABR	0.431552352	2.43E-21
RP11-60L3.1	PLP2	0.536623684	4.18E-34
RP11-60L3.1	SRCIN1	0.44252551	1.78E-22
RP11-60L3.1	PDE9A	0.624014911	9.41E-49
RP11-60L3.1	TREM2	0.26081972	2.93E-08
RP11-60L3.1	KDELR3	0.331380651	1.04E-12
RP11-60L3.1	PC	0.517024308	2.24E-31
RP11-60L3.1	C2CD4A	0.419625376	3.75E-20
RP11-60L3.1	PELI1	0.506838241	5.01E-30
RP11-60L3.1	SSX1	0.461992924	1.35E-24
RP11-60L3.1	MROH6	0.597696102	7.27E-44
RP11-60L3.1	ESPN	0.619540539	6.88E-48
RP11-60L3.1	BMP1	0.574370425	6.79E-40
RP11-60L3.1	TM4SF4	0.557244956	3.55E-37
RP11-60L3.1	CORO2A	0.500240979	3.55E-29
RP11-60L3.1	CD164L2	0.471863008	1.01E-25
RP11-60L3.1	CTSS	0.277045119	3.54E-09
RP11-60L3.1	CLU	0.560584909	1.08E-37
RP11-60L3.1	TMSB4X	0.451217708	2.09E-23
RP11-60L3.1	WNT10A	0.639177823	8.69E-52
RP11-60L3.1	NAPSA	0.449787692	2.99E-23
RP11-60L3.1	PLEKHA4	0.608768162	7.26E-46
RP11-60L3.1	SFTPA1	0.259242132	3.57E-08
RP11-60L3.1	C1orf116	0.563364062	3.95E-38
RP11-60L3.1	TM4SF1	0.491294363	4.72E-28
RP11-60L3.1	SEL1L3	0.474721322	4.68E-26
RP11-60L3.1	VASN	0.583863052	1.80E-41
RP11-60L3.1	NPTXR	0.475462581	3.83E-26
RP11-60L3.1	PDE4C	0.527456847	8.31E-33
RP11-60L3.1	CDC42EP1	0.647937399	1.28E-53
RP11-60L3.1	ENDOD1	0.487488033	1.39E-27
RP11-60L3.1	RYR1	0.596422028	1.22E-43
RP11-60L3.1	IL1RAP	0.527982568	7.01E-33
RP11-60L3.1	SLC35F2	0.604537232	4.31E-45
RP11-60L3.1	ISYNA1	0.615813527	3.52E-47
RP11-60L3.1	HLA-G	0.407593681	5.32E-19
RP11-60L3.1	CDKN2B	0.431766187	2.31E-21
RP11-60L3.1	ALDH1A3	0.374631211	4.48E-16
RP11-60L3.1	CLIP3	0.560772068	1.01E-37
RP11-60L3.1	ULBP2	0.391000207	1.74E-17
RP11-60L3.1	ETHE1	0.526127718	1.27E-32
RP11-60L3.1	XPR1	0.471132375	1.22E-25
RP11-60L3.1	SPTBN2	0.495419674	1.44E-28
RP11-60L3.1	IVL	0.486135154	2.03E-27
RP11-60L3.1	MARCO	0.350744055	3.74E-14
RP11-60L3.1	PLXND1	0.44362179	1.36E-22
RP11-60L3.1	EMILIN2	0.43432285	1.27E-21

RP11-60L3.1	PLAUR	0.468343572	2.57E-25
RP11-60L3.1	CDC42EP5	0.631809624	2.72E-50
RP11-60L3.1	TRPC5	0.458037237	3.74E-24
RP11-60L3.1	TMEM100	0.3990211	3.30E-18
RP11-60L3.1	QSOX1	0.636333091	3.32E-51
RP11-60L3.1	ARHGAP23	0.613918095	8.00E-47
RP11-60L3.1	MDFI	0.524867123	1.90E-32
RP11-60L3.1	FSTL3	0.625144111	5.66E-49
RP11-60L3.1	INF2	0.619891445	5.89E-48
RP11-60L3.1	TGFBR1	0.51180513	1.11E-30
RP11-60L3.1	TGFBI	0.336292627	4.56E-13
RP11-60L3.1	ERBB3	0.567508103	8.71E-39
RP11-60L3.1	CCL18	0.365457563	2.56E-15
RP11-60L3.1	CCL17	0.421864563	2.26E-20
RP11-60L3.1	C16orf45	0.513215991	7.24E-31
RP11-60L3.1	PRDM1	0.375353598	3.90E-16
RP11-60L3.1	TRIM47	0.524052221	2.46E-32
RP11-60L3.1	CNFN	0.50346171	1.37E-29
RP11-60L3.1	ARMCX3	0.50815914	3.37E-30
RP11-60L3.1	RAMP1	0.578195202	1.59E-40
RP11-60L3.1	GABRD	0.274294344	5.12E-09
RP11-60L3.1	COL13A1	0.404462486	1.04E-18
RP11-60L3.1	S100A5	0.564456795	2.66E-38
RP11-60L3.1	MISP	0.514205424	5.34E-31
RP11-60L3.1	HES6	0.363023782	4.03E-15
RP11-60L3.1	PSD3	0.366498504	2.11E-15
RP11-60L3.1	DOK7	0.655980286	2.35E-55
RP11-60L3.1	ZMAT3	0.388162451	3.09E-17
RP11-60L3.1	MFAP2	0.579352638	1.02E-40
RP11-60L3.1	TMEM79	0.606657049	1.77E-45
RP11-60L3.1	SLC1A5	0.505992547	6.45E-30
RP11-60L3.1	BBC3	0.537318543	3.32E-34
RP11-60L3.1	HLA-DQB2	0.312823067	2.02E-11
RP11-60L3.1	C1QL1	0.59203109	7.17E-43
RP11-60L3.1	TMEM215	0.320437878	6.12E-12
RP11-60L3.1	PNP	0.449281552	3.39E-23
RP11-60L3.1	ARNTL	0.545796338	1.91E-35
RP11-60L3.1	CLDN2	0.38279607	9.06E-17
RP11-60L3.1	MVP	0.506510038	5.52E-30
RP11-60L3.1	LGALS1	0.4909077	5.27E-28
RP11-60L3.1	BIRC7	0.605372478	3.04E-45
RP11-60L3.1	COL8A1	0.424381693	1.28E-20
RP11-60L3.1	PERP	0.534734779	7.79E-34
RP11-60L3.1	GJA4	0.405195373	8.92E-19
RP11-60L3.1	IGFL2	0.568491708	6.06E-39
RP11-60L3.1	DAPK2	0.576207538	3.39E-40
RP11-60L3.1	MAMLD1	0.509040875	2.58E-30
RP11-60L3.1	ETV5	0.377409797	2.61E-16
RP11-60L3.1	RUNX1	0.521249371	5.98E-32
RP11-60L3.1	LONRF2	0.434681986	1.16E-21
RP11-60L3.1	SPOCK1	0.358283641	9.63E-15

RP11-60L3.1	XKRX	0.51445374	4.95E-31
RP11-60L3.1	TGFB1	0.421203673	2.63E-20
RP11-60L3.1	ERP27	0.334957963	5.70E-13
RP11-60L3.1	TNFRSF10C	0.305318813	6.34E-11
RP11-60L3.1	PALM	0.69552072	9.96E-65
RP11-60L3.1	TSC22D1	0.541980784	6.97E-35
RP11-60L3.1	TGM2	0.359538134	7.66E-15
RP11-60L3.1	UBE2QL1	0.417240264	6.40E-20
RP11-60L3.1	ECE1	0.596403156	1.23E-43
RP11-60L3.1	COL8A2	0.602118115	1.18E-44
RP11-60L3.1	HIST3H2A	0.450328027	2.61E-23
RP11-60L3.1	TNFRSF21	0.493746024	2.34E-28
RP11-60L3.1	SOX4	0.59996415	2.87E-44
RP11-60L3.1	ELF3	0.596677722	1.10E-43
RP11-60L3.1	TPD52L1	0.483301282	4.47E-27
RP11-60L3.1	INHBB	0.532554564	1.59E-33
RP11-60L3.1	HPN	0.49304336	2.86E-28
RP11-60L3.1	MMP7	0.393509548	1.04E-17
RP11-60L3.1	RAB27A	0.513647635	6.34E-31
RP11-60L3.1	IGF2BP2	0.591164112	1.01E-42
RP11-60L3.1	ITGB4	0.632620979	1.87E-50
RP11-60L3.1	PPP1R1B	0.676349157	5.32E-60
RP11-60L3.1	NPDC1	0.515474674	3.61E-31
RP11-60L3.1	CCL13	0.459548663	2.54E-24
RP11-60L3.1	SPINT1	0.571763248	1.80E-39
RP11-60L3.1	HEY2	0.474790567	4.59E-26
RP11-60L3.1	CST2	0.483499713	4.23E-27
RP11-60L3.1	ADM	0.312942401	1.98E-11
RP11-60L3.1	VSTM2L	0.314640457	1.52E-11
RP11-60L3.1	FAM84A	0.479239256	1.37E-26
RP11-60L3.1	P4HA2	0.386866808	4.02E-17
RP11-60L3.1	LPL	0.516266731	2.83E-31
RP11-60L3.1	TMEM173	0.545326098	2.24E-35
RP11-60L3.1	DHRS3	0.636130891	3.65E-51
RP11-60L3.1	SCN1B	0.501505688	2.44E-29
RP11-60L3.1	GLT1D1	0.401964001	1.78E-18
RP11-60L3.1	PHYHIP	0.506030859	6.38E-30
RP11-60L3.1	BHLHE40	0.48565319	2.32E-27
RP11-60L3.1	BID	0.630609051	4.72E-50
RP11-60L3.1	POSTN	0.252634938	8.07E-08
RP11-60L3.1	ITGA3	0.510661457	1.58E-30
RP11-60L3.1	RSPO4	0.566325125	1.34E-38
RP11-60L3.1	ADAMTS9	0.346153187	8.39E-14
RP11-60L3.1	ABTB2	0.535061279	7.00E-34
RP11-60L3.1	KCNQ3	0.527819673	7.39E-33
RP11-60L3.1	ANXA1	0.537807939	2.82E-34
RP11-60L3.1	S100A11	0.547091271	1.23E-35
RP11-60L3.1	CEACAM6	0.470604683	1.41E-25
RP11-60L3.1	IER5L	0.481148594	8.10E-27
RP11-60L3.1	KRT80	0.503333295	1.42E-29
RP11-60L3.1	CDH6	0.439729471	3.50E-22

RP11-60L3.1	UNC5B	0.427352972	6.45E-21
RP11-60L3.1	PLEKHN1	0.622276698	2.04E-48
RP11-60L3.1	SYTL1	0.542088482	6.72E-35
RP11-60L3.1	TMEM163	0.553051283	1.56E-36
RP11-60L3.1	C4orf48	0.347187459	7.00E-14
RP11-60L3.1	B3GNT7	0.452260494	1.61E-23
RP11-60L3.1	BAIAP3	0.660883038	1.93E-56
RP11-60L3.1	PHLDA2	0.411317996	2.37E-19
RP11-60L3.1	GAP43	0.591893477	7.58E-43
RP11-60L3.1	S100A1	0.371931235	7.53E-16
RP11-60L3.1	PTPRE	0.560660539	1.05E-37
RP11-60L3.1	CCND1	0.42640781	8.02E-21
RP11-60L3.1	ST6GALNAC5	0.502828789	1.65E-29
RP11-60L3.1	KRT17	0.477547443	2.17E-26
RP11-60L3.1	HPCAL4	0.561100839	8.95E-38
RP11-60L3.1	GABBR2	0.3071599	4.80E-11
RP11-60L3.1	DIRAS3	0.522043699	4.65E-32
RP11-60L3.1	SERINC2	0.388150106	3.10E-17
RP11-60L3.1	PTCHD4	0.411701822	2.18E-19
RP11-60L3.1	EPS8	0.423061077	1.73E-20
RP11-60L3.1	LY6E	0.63330023	1.37E-50
RP11-60L3.1	UPP1	0.597754705	7.10E-44
RP11-60L3.1	AHNAK2	0.534396643	8.71E-34
RP11-60L3.1	PLXNC1	0.447433655	5.35E-23
RP11-60L3.1	TNC	0.324661359	3.11E-12
RP11-60L3.1	DUSP4	0.472117835	9.41E-26
RP11-60L3.1	NRCAM	0.420023107	3.43E-20
RP11-60L3.1	NRP2	0.533836442	1.05E-33
RP11-60L3.1	CTSC	0.486637656	1.76E-27
RP11-60L3.1	AMIGO2	0.556337143	4.89E-37
RP11-60L3.1	NAB2	0.561398392	8.04E-38
RP11-60L3.1	TBC1D2	0.535494626	6.07E-34
RP11-60L3.1	PHLDA3	0.502408991	1.87E-29
RP11-60L3.1	PTP4A3	0.457707414	4.07E-24
RP11-60L3.1	CRABP2	0.425857825	9.10E-21
RP11-60L3.1	GOS2	0.41981367	3.60E-20
RP11-60L3.1	S100A6	0.569088387	4.86E-39
RP11-60L3.1	FOXQ1	0.555699751	6.13E-37
RP11-60L3.1	LRG1	0.541473794	8.27E-35
RP11-60L3.1	LAMP5	0.499091772	4.97E-29
RP11-60L3.1	ALDH3B1	0.591910763	7.53E-43
RP11-60L3.1	CDH2	0.2269609	1.55E-06
RP11-60L3.1	SCG5	0.44154303	2.26E-22
RP11-60L3.1	ZCCHC16	0.465594162	5.29E-25
RP11-60L3.1	GRB7	0.668481085	3.66E-58
RP11-60L3.1	TIAM1	0.490358566	6.16E-28
RP11-60L3.1	FXYD5	0.499803659	4.03E-29
RP11-60L3.1	CLDN9	0.477593985	2.15E-26
RP11-60L3.1	FAM43A	0.548774996	6.87E-36
RP11-60L3.1	CHST2	0.591171633	1.01E-42
RP11-60L3.1	HMGA2	0.515921643	3.15E-31

RP11-60L3.1	GALNT7	0.45990565	2.32E-24
RP11-60L3.1	CBLN1	0.461841806	1.41E-24
RP11-60L3.1	STRA6	0.931497054	4.81E-194
RP11-60L3.1	MUC21	0.482545813	5.51E-27
RP11-60L3.1	PRR36	0.651800913	1.90E-54
RP11-60L3.1	NFE2L3	0.48552293	2.41E-27
RP11-60L3.1	NR1D1	0.411537934	2.26E-19
RP11-60L3.1	MUC1	0.491199294	4.85E-28
RP11-60L3.1	NAT8L	0.448444231	4.17E-23
RP11-60L3.1	APOC1	0.430113112	3.40E-21
RP11-60L3.1	EVA1A	0.603267748	7.32E-45
RP11-60L3.1	ENTPD1	0.384892341	5.97E-17
RP11-60L3.1	COL1A1	0.402827005	1.48E-18
RP11-60L3.1	FNDC4	0.453074829	1.31E-23
RP11-60L3.1	FRMD3	0.285769669	1.07E-09
RP11-60L3.1	SHROOM4	0.549263682	5.81E-36
RP11-60L3.1	NELL2	0.52719193	9.04E-33
RP11-60L3.1	EPHB3	0.608174899	9.34E-46
RP11-60L3.1	TMC6	0.614624164	5.90E-47
RP11-60L3.1	NOD1	0.63767116	1.77E-51
RP11-60L3.1	GGCT	0.607941624	1.03E-45
RP11-60L3.1	ICAM1	0.497469913	7.97E-29
RP11-60L3.1	PRSS23	0.526482029	1.14E-32
RP11-60L3.1	CFI	0.540339486	1.21E-34
RP11-60L3.1	CD55	0.57629154	3.29E-40
RP11-60L3.1	RASD2	0.620089672	5.40E-48
RP11-60L3.1	KLK11	0.635596409	4.69E-51
RP11-60L3.1	ICAM5	0.644445223	6.99E-53
RP11-60L3.1	ADORA1	0.411456344	2.30E-19
RP11-60L3.1	ITGA2	0.46125209	1.64E-24
RP11-60L3.1	ABCC3	0.537157776	3.50E-34
RP11-60L3.1	MFGE8	0.553061215	1.55E-36
RP11-60L3.1	STK32A	0.336912423	4.10E-13
RP11-60L3.1	CYSLTR2	0.563072327	4.39E-38
RP11-60L3.1	LAD1	0.591835985	7.76E-43
RP11-60L3.1	MGAT3	0.554627026	8.95E-37
RP11-60L3.1	IGFBP6	0.586792898	5.72E-42
RP11-60L3.1	CYP2S1	0.588447109	2.98E-42
RP11-60L3.1	KCNJ2	0.4943478	1.97E-28
RP11-60L3.1	FAM20A	0.567178907	9.83E-39
RP11-60L3.1	TGFA	0.488831919	9.49E-28
RP11-60L3.1	MXRA8	0.734419221	1.43E-75
RP11-60L3.1	C8orf4	0.380871465	1.33E-16
RP11-60L3.1	CLDN10	0.57677451	2.74E-40
RP11-60L3.1	PDE5A	0.517267232	2.08E-31
RP11-60L3.1	APOE	0.45527647	7.54E-24
RP11-60L3.1	SPOCK2	0.522349198	4.23E-32
RP11-60L3.1	TENM1	0.419861631	3.56E-20
RP11-60L3.1	SLIT1	0.383242529	8.29E-17
RP11-60L3.1	CXCL14	0.546920004	1.30E-35
RP11-60L3.1	ECM1	0.312263576	2.20E-11

RP11-60L3.1	DUSP5	0.557806039	2.91E-37
RP11-60L3.1	SEZ6L2	0.465841539	4.96E-25
RP11-60L3.1	THRSP	0.160934363	0.000713284
RP11-60L3.1	C19orf33	0.611587897	2.18E-46
RP11-60L3.1	MPZL2	0.513484882	6.67E-31
RP11-60L3.1	CTSH	0.566360031	1.33E-38
RP11-60L3.1	CYP1B1	0.472365441	8.81E-26
RP11-60L3.1	ALOX5	0.425750695	9.33E-21
RP11-60L3.1	SYTL5	0.53816681	2.50E-34
RP11-60L3.1	TNFRSF12A	0.568580403	5.87E-39
RP11-60L3.1	DUSP6	0.533581883	1.14E-33
RP11-60L3.1	ALOX15B	0.48562552	2.34E-27
RP11-60L3.1	SDC4	0.656191567	2.11E-55
RP11-60L3.1	MDK	0.65310961	9.91E-55
RP11-60L3.1	KRT19	0.598709232	4.81E-44
RP11-60L3.1	MET	0.514572932	4.77E-31
RP11-60L3.1	TESC	0.50647428	5.58E-30
RP11-60L3.1	CXCL17	0.452399	1.56E-23
RP11-60L3.1	NPC2	0.505058737	8.52E-30
RP11-60L3.1	COMP	0.55462589	8.95E-37
RP11-60L3.1	TUSC3	0.639389933	7.85E-52
RP11-60L3.1	TMPRSS4	0.612449341	1.51E-46
RP11-60L3.1	LGALS3	0.626276716	3.40E-49
RP11-60L3.1	CRLF1	0.486181748	2.00E-27
RP11-60L3.1	CTXN1	0.649106187	7.20E-54
RP11-60L3.1	PCSK1N	0.449213159	3.45E-23
RP11-60L3.1	NMU	0.512735891	8.39E-31
RP11-60L3.1	GALE	0.668191052	4.27E-58
RP11-60L3.1	PCSK2	0.207589975	1.16E-05
RP11-60L3.1	GJB3	0.600311935	2.49E-44
RP11-60L3.1	SLPI	0.45850316	3.32E-24
RP11-60L3.1	AGR2	0.381949866	1.07E-16
RP11-60L3.1	MRC2	0.558508277	2.26E-37
RP11-60L3.1	GOLT1A	0.628937529	1.02E-49
RP11-60L3.1	SLC27A6	0.589632519	1.86E-42
RP11-60L3.1	KCNN4	0.588136642	3.37E-42
RP11-60L3.1	ETV4	0.665138987	2.12E-57
RP11-60L3.1	SYT12	0.654450233	5.07E-55
RP11-60L3.1	PVRL4	0.597570525	7.66E-44
RP11-60L3.1	PLCD3	0.600293347	2.51E-44
RP11-60L3.1	PLAU	0.418719518	4.60E-20
RP11-60L3.1	LRRK2	0.318343205	8.52E-12
RP11-60L3.1	SFN	0.545265935	2.29E-35
RP11-60L3.1	LPAR5	0.595965126	1.47E-43
RP11-60L3.1	NGEF	0.655064922	3.72E-55
RP11-60L3.1	DTX4	0.537332733	3.30E-34
RP11-60L3.1	CST6	0.619008433	8.69E-48
RP11-60L3.1	QPCT	0.552598212	1.82E-36
RP11-60L3.1	TIMP1	0.655414267	3.12E-55
RP11-60L3.1	CAMK2N1	0.634209776	8.95E-51
RP11-60L3.1	KLHDC8A	0.394270743	8.87E-18

RP11-60L3.1	PDLIM4	0.634659725	7.26E-51
RP11-60L3.1	SCEL	0.440604395	2.83E-22
RP11-60L3.1	LCN2	0.438268096	4.96E-22
RP11-60L3.1	PROS1	0.491371412	4.61E-28
RP11-60L3.1	GABRB2	0.535756848	5.56E-34
RP11-60L3.1	TMPRSS6	0.652077892	1.66E-54
RP11-60L3.1	KLK7	0.583540123	2.04E-41
RP11-60L3.1	PDZK1IP1	0.408533735	4.34E-19
RP11-60L3.1	CDH3	0.638462224	1.22E-51
RP11-60L3.1	LRP4	0.495473452	1.42E-28
RP11-60L3.1	IGSF1	0.49037006	6.14E-28
RP11-60L3.1	B3GNT3	0.53148496	2.26E-33
RP11-60L3.1	CLDN1	0.484407352	3.28E-27
RP11-60L3.1	GDF15	0.468149744	2.70E-25
RP11-60L3.1	ARHGAP36	0.419656392	3.73E-20
RP11-60L3.1	LAMB3	0.605334163	3.09E-45
RP11-60L3.1	KLK10	0.618350324	1.16E-47
RP11-60L3.1	DPP4	0.44531786	9.01E-23
RP11-60L3.1	METTL7B	0.542308278	6.24E-35
RP11-60L3.1	LIPH	0.542099976	6.70E-35
RP11-60L3.1	CLDN16	0.412634923	1.77E-19
RP11-60L3.1	CHI3L1	0.428069116	5.47E-21
RP11-60L3.1	SLC22A31	0.642302696	1.96E-52
RP11-60L3.1	TACSTD2	0.598221397	5.87E-44
RP11-60L3.1	SFTPB	0.508001211	3.53E-30
RP11-60L3.1	RXRG	0.518797143	1.29E-31
RP11-60L3.1	DCSTAMP	0.550394416	3.93E-36
RP11-60L3.1	CITED1	0.431071612	2.72E-21
RP11-60L3.1	SERPINA1	0.598570033	5.09E-44
RP11-60L3.1	PRR15	0.597278364	8.62E-44
RP11-60L3.1	SLC34A2	0.466071693	4.67E-25
RP11-60L3.1	FN1	0.510148507	1.84E-30
RP11-60L3.1	ZCCHC12	0.493916439	2.23E-28
RP11-519G16.5	TFF3	-0.399713773	0
RP11-519G16.5	CCL21	-0.14408757	0.002476743
RP11-519G16.5	TPO	-0.387986962	0
RP11-519G16.5	MT1G	-0.298564608	2.12E-10
RP11-519G16.5	DIO1	-0.420364975	0
RP11-519G16.5	DPT	-0.087435531	0.06721089
RP11-519G16.5	CDH16	-0.3350854	7.56E-13
RP11-519G16.5	CRABP1	-0.389261929	2.47E-17
RP11-519G16.5	SLC26A7	-0.470674748	0
RP11-519G16.5	MT1H	-0.238160037	4.45E-07
RP11-519G16.5	SLC26A4	-0.415635132	0
RP11-519G16.5	SLC5A8	-0.384904853	5.95E-17
RP11-519G16.5	PKHD1L1	-0.361755093	5.09E-15
RP11-519G16.5	TFCP2L1	-0.426354474	0
RP11-519G16.5	WSCD2	-0.419817783	3.59E-20
RP11-519G16.5	IPCEF1	-0.36780368	1.78E-15
RP11-519G16.5	SLC5A5	-0.261197593	2.80E-08
RP11-519G16.5	MT1F	-0.292786873	4.82E-10

RP11-519G16.5	FOSB	-0.31765461	1.23E-11
RP11-519G16.5	SEMA3D	-0.368031129	1.58E-15
RP11-519G16.5	BMP8A	-0.363647852	4.27E-15
RP11-519G16.5	MATN2	-0.477831424	0
RP11-519G16.5	PLA2R1	-0.395233705	0
RP11-519G16.5	COL23A1	-0.326822962	2.91E-12
RP11-519G16.5	HGD	-0.399037068	0
RP11-519G16.5	TCEAL2	-0.304656655	8.76E-11
RP11-519G16.5	CHRD1	-0.184985695	9.68E-05
RP11-519G16.5	TNFRSF11B	-0.375278214	2.89E-16
RP11-519G16.5	FAM167A	-0.549741147	0
RP11-519G16.5	KIT	-0.38057654	4.44E-17
RP11-519G16.5	SLC4A4	-0.468723352	0
RP11-519G16.5	SMOC2	-0.25224897	9.38E-08
RP11-519G16.5	FHL1	-0.530411867	0
RP11-519G16.5	OTOS	-0.240630806	3.64E-07
RP11-519G16.5	IGFBPL1	-0.428897958	4.51E-21
RP11-519G16.5	HBB	-0.326310362	3.16E-12
RP11-519G16.5	BEX1	-0.433069753	0
RP11-519G16.5	FABP4	-0.506382175	5.74E-30
RP11-519G16.5	LMOD1	-0.476795162	0
RP11-519G16.5	SOD3	-0.415164942	0
RP11-519G16.5	TMEM171	-0.29910827	1.96E-10
RP11-519G16.5	PI16	-0.167505113	0.000431552
RP11-519G16.5	ZMAT4	-0.391540203	1.56E-17
RP11-519G16.5	MFAP4	-0.197775568	3.11E-05
RP11-519G16.5	CWH43	-0.240066941	3.58E-07
RP11-519G16.5	SPX	-0.54920089	0
RP11-519G16.5	APOD	-0.08425083	0.077846142
RP11-519G16.5	DPP6	-0.319893934	8.72E-12
RP11-519G16.5	MMRN1	-0.325805989	3.43E-12
RP11-519G16.5	WDR72	-0.39872687	0
RP11-519G16.5	MPPED2	-0.541835429	0
RP11-519G16.5	PAPSS2	-0.262225226	2.77E-08
RP11-519G16.5	DCN	0.041718414	0.383071071
RP11-519G16.5	SORBS2	-0.455644692	0
RP11-519G16.5	EGR2	-0.327035434	2.82E-12
RP11-519G16.5	EDN3	-0.513817411	6.02E-31
RP11-519G16.5	DIO2	-0.414469515	0
RP11-519G16.5	ITPR1	-0.498700063	0
RP11-519G16.5	CFD	-0.147691743	0.001936074
RP11-519G16.5	CPXM1	-0.239690001	4.06E-07
RP11-519G16.5	ELMO1	-0.446971777	0
RP11-519G16.5	GPC3	-0.367654906	1.70E-15
RP11-519G16.5	MYOC	-0.293740757	3.47E-10
RP11-519G16.5	DEPTOR	-0.472560472	0
RP11-519G16.5	DGKI	-0.416017384	0
RP11-519G16.5	CARTPT	-0.304966413	6.68E-11
RP11-519G16.5	IYD	-0.225446858	1.95E-06
RP11-519G16.5	LYVE1	-0.214661137	5.98E-06
RP11-519G16.5	CLCNKB	-0.497836842	0

RP11-519G16.5	NCAM1	-0.236406329	5.87E-07
RP11-519G16.5	HBA2	-0.284537767	1.51E-09
RP11-519G16.5	GLT8D2	-0.294587495	3.74E-10
RP11-519G16.5	OGDHL	-0.328501746	2.22E-12
RP11-519G16.5	LIFR	-0.562023108	0
RP11-519G16.5	CSGALNACT1	-0.327334001	2.68E-12
RP11-519G16.5	RAP1GAP	-0.403938108	0
RP11-519G16.5	COL9A3	-0.360891957	7.43E-15
RP11-519G16.5	FBLN1	0.005837874	0.902884821
RP11-519G16.5	EFEMP1	-0.291572605	5.72E-10
RP11-519G16.5	AOX1	-0.294942524	2.92E-10
RP11-519G16.5	GRIN2C	-0.347833154	8.48E-14
RP11-519G16.5	C11orf74	-0.432421699	0
RP11-519G16.5	PPARGC1A	-0.386111166	0
RP11-519G16.5	ANGPTL1	-0.548756088	0
RP11-519G16.5	SCARA5	-0.116300292	0.014764982
RP11-519G16.5	LTF	-0.289860347	7.26E-10
RP11-519G16.5	CA4	-0.647223697	1.81E-53
RP11-519G16.5	TG	-0.582052355	0
RP11-519G16.5	FCGBP	-0.462238559	0
RP11-519G16.5	PBX4	-0.452544558	0
RP11-519G16.5	CYR61	-0.347153187	9.57E-14
RP11-519G16.5	FOS	-0.342540785	2.14E-13
RP11-519G16.5	KHDRBS2	-0.401193559	0
RP11-519G16.5	MUM1L1	-0.290201891	6.93E-10
RP11-519G16.5	RGS16	-0.274123659	6.06E-09
RP11-519G16.5	MT1M	-0.250940664	1.10E-07
RP11-519G16.5	LRP2	-0.449584559	0
RP11-519G16.5	MAFB	-0.249980568	1.23E-07
RP11-519G16.5	KCNK2	-0.398048747	0
RP11-519G16.5	TBC1D4	-0.442343773	0
RP11-519G16.5	MIOX	-0.412149074	1.97E-19
RP11-519G16.5	TPPP	-0.407704593	0
RP11-519G16.5	FMOD	-0.295879206	3.12E-10
RP11-519G16.5	CITED2	-0.418942065	0
RP11-519G16.5	RGS8	-0.405943759	7.59E-19
RP11-519G16.5	ABI3BP	-0.198314124	2.96E-05
RP11-519G16.5	ADH1B	-0.214238604	5.94E-06
RP11-519G16.5	OGN	-0.076175218	0.110977699
RP11-519G16.5	NR4A1	-0.319096242	9.87E-12
RP11-519G16.5	FOXJ1	-0.490140162	6.55E-28
RP11-519G16.5	ALDH1A1	-0.454723035	0
RP11-519G16.5	OCA2	-0.372519243	6.73E-16
RP11-519G16.5	TMEM139	-0.285945784	1.25E-09
RP11-519G16.5	ARHGAP24	-0.366293682	2.46E-15
RP11-519G16.5	SLC25A15	-0.411623978	0
RP11-519G16.5	DES	-0.160117887	0.000759836
RP11-519G16.5	GDF10	-0.306326986	5.44E-11
RP11-519G16.5	KIAA1324	-0.325251832	3.75E-12
RP11-519G16.5	JUN	-0.342874386	2.02E-13
RP11-519G16.5	C7	0.055325701	0.247254095

RP11-519G16.5	LGI3	-0.460391556	0
RP11-519G16.5	CDON	-0.571785332	0
RP11-519G16.5	BCL2	-0.457575379	0
RP11-519G16.5	HLF	-0.564224704	0
RP11-519G16.5	EGR1	-0.410015829	0
RP11-519G16.5	IP6K3	-0.264525682	2.08E-08
RP11-519G16.5	SCUBE3	-0.316782737	1.41E-11
RP11-519G16.5	PKNOX2	-0.44512449	0
RP11-519G16.5	SMAD9	-0.371746611	7.20E-16
RP11-519G16.5	IQGAP2	-0.416370842	0
RP11-519G16.5	GNA14	-0.489694965	0
RP11-519G16.5	LAYN	-0.434084881	0
RP11-519G16.5	AVPR1A	-0.497590754	0
RP11-519G16.5	PDLIM3	-0.199046287	2.76E-05
RP11-519G16.5	GPM6A	-0.429112355	0
RP11-519G16.5	SDPR	-0.548211859	0
RP11-519G16.5	CRYAB	-0.16886292	0.000386923
RP11-519G16.5	FOXA2	-0.375247613	3.98E-16
RP11-519G16.5	C8orf88	-0.394387505	0
RP11-519G16.5	ISM1	-0.318083525	1.15E-11
RP11-519G16.5	BMP2	-0.218758386	3.93E-06
RP11-519G16.5	ID4	-0.494597849	0
RP11-519G16.5	NUPR1	-0.154568148	0.001172433
RP11-519G16.5	SERTM1	-0.2873176	8.65E-10
RP11-519G16.5	IRS1	-0.492518659	0
RP11-519G16.5	FIBIN	-0.068971142	0.149053597
RP11-519G16.5	PODN	-0.034055237	0.476495317
RP11-519G16.5	TDRD9	-0.242099388	3.08E-07
RP11-519G16.5	EPHA3	-0.232612186	8.95E-07
RP11-519G16.5	AIF1L	-0.415108775	0
RP11-519G16.5	EBF4	-0.437550955	0
RP11-519G16.5	ADM2	-0.312773285	2.61E-11
RP11-519G16.5	GSTM3	-0.509125943	0
RP11-519G16.5	HSD17B6	-0.271666473	8.35E-09
RP11-519G16.5	AGR3	-0.335674205	5.06E-13
RP11-519G16.5	EPHB1	-0.395090733	0
RP11-519G16.5	TMOD1	-0.301896221	1.31E-10
RP11-519G16.5	WASF3	-0.50107853	0
RP11-519G16.5	SELV	-0.350534526	3.88E-14
RP11-519G16.5	ENPP1	-0.119407291	0.01232991
RP11-519G16.5	SYNE1	-0.512233329	9.78E-31
RP11-519G16.5	PLCH1	-0.450217578	0
RP11-519G16.5	CCDC146	-0.517470079	0
RP11-519G16.5	SLC16A2	-0.455422717	0
RP11-519G16.5	IER2	-0.421969011	0
RP11-519G16.5	KCNAB1	-0.487087999	0
RP11-519G16.5	SYNDIG1	-0.368851006	1.41E-15
RP11-519G16.5	C16orf89	-0.440224301	0
RP11-519G16.5	CTGF	-0.286516111	1.15E-09
RP11-519G16.5	NR4A3	-0.137424436	0.00394238
RP11-519G16.5	KIAA1456	-0.355360025	2.15E-14

RP11-519G16.5	AQP4	-0.362759243	5.12E-15
RP11-519G16.5	RNF150	-0.49949974	0
RP11-519G16.5	C1S	0.13461365	0.004752358
RP11-519G16.5	PFKFB2	-0.33336449	1.01E-12
RP11-519G16.5	PROX1	-0.394238008	0
RP11-519G16.5	TCF7L1	-0.549111958	0
RP11-519G16.5	HSPB6	-0.267910058	1.35E-08
RP11-519G16.5	FHDC1	-0.240747113	3.60E-07
RP11-519G16.5	PRR15L	-0.304932954	8.41E-11
RP11-519G16.5	SLC1A1	-0.19223002	5.20E-05
RP11-519G16.5	BTBD11	-0.625841591	0
RP11-519G16.5	TRIM58	-0.372278216	6.32E-16
RP11-519G16.5	LRIG1	-0.355734192	2.01E-14
RP11-519G16.5	ROR2	-0.201845868	2.12E-05
RP11-519G16.5	GPR125	-0.487712224	0
RP11-519G16.5	FLRT1	-0.540733922	0
RP11-519G16.5	PGF	-0.453376291	0
RP11-519G16.5	DUSP1	-0.301662899	1.36E-10
RP11-519G16.5	PLA2G7	-0.292782901	4.83E-10
RP11-519G16.5	PLSCR4	-0.289736523	7.39E-10
RP11-519G16.5	FAM46B	-0.150943217	0.00153118
RP11-519G16.5	GLDC	-0.363662036	4.26E-15
RP11-519G16.5	ZBTB16	-0.394486082	0
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RP11-519G16.5	HSD11B2	-0.535655302	0
RP11-519G16.5	FGL2	-0.023177322	0.628043932
RP11-519G16.5	CLCNKA	-0.450029447	2.81E-23
RP11-519G16.5	GATM	-0.346062459	1.16E-13
RP11-519G16.5	TNS3	-0.397980239	0
RP11-519G16.5	TOB1	-0.398632406	0
RP11-519G16.5	MARC2	-0.526065977	0
RP11-519G16.5	LRRC2	-0.363363895	4.53E-15
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RP11-519G16.5	RIMS4	-0.526676586	0
RP11-519G16.5	SLC29A4	-0.430842484	0
RP11-519G16.5	SLC39A14	-0.42875762	0
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RP11-519G16.5	ATF3	-0.121461234	0.010901261
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RP11-519G16.5	STARD13	-0.512138989	0
RP11-519G16.5	LDHD	-0.379939407	5.99E-17
RP11-519G16.5	RCAN1	-0.351289158	4.56E-14
RP11-519G16.5	ID3	-0.296604845	2.81E-10
RP11-519G16.5	SYTL3	-0.475988108	0
RP11-519G16.5	MT1E	-0.098303202	0.039547909
RP11-519G16.5	CAMK1D	-0.455042736	0
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RP11-519G16.5	NUAK2	-0.183003373	0.000118229
RP11-519G16.5	LIPG	-0.516703308	0
RP11-519G16.5	SLC25A25	-0.238856282	4.46E-07
RP11-519G16.5	PRKX	-0.244606501	2.31E-07
RP11-519G16.5	SRPX	-0.178979737	0.000167183
RP11-519G16.5	FAM189A1	-0.59036855	0
RP11-519G16.5	PLEKHH1	-0.388774726	0
RP11-519G16.5	WNT11	-0.330978364	1.49E-12
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RP11-519G16.5	ACACB	-0.570063146	0
RP11-519G16.5	ARC	-0.276627085	4.36E-09
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RP11-519G16.5	AKAP12	-0.335662677	6.87E-13
RP11-519G16.5	GJB6	-0.268083705	1.16E-08
RP11-519G16.5	ERO1LB	-0.485117739	0
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RP11-519G16.5	CAPSL	-0.476702424	2.74E-26
RP11-519G16.5	CYP7B1	-0.36541798	2.96E-15
RP11-519G16.5	CPQ	-0.460859476	0
RP11-519G16.5	RPS6KA6	-0.583361816	2.18E-41
RP11-519G16.5	TLE1	-0.284313948	1.56E-09
RP11-519G16.5	TP53INP2	-0.543220611	0
RP11-519G16.5	KATNAL2	-0.596494779	0
RP11-519G16.5	SGPP2	-0.006317284	0.894953939
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RP11-519G16.5	SELENBP1	-0.464002445	0
RP11-519G16.5	SNTA1	-0.284027721	1.62E-09
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RP11-519G16.5	AGPAT9	-0.514141729	0
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RP11-519G16.5	PRTG	-0.43502824	0
RP11-519G16.5	EGR3	-0.229884658	1.21E-06
RP11-519G16.5	GRAMD2	-0.347363106	9.22E-14
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RP11-519G16.5	FHL2	-0.248576948	1.45E-07
RP11-519G16.5	FTCDNL1	-0.318993694	1.00E-11
RP11-519G16.5	PKIA	-0.517381573	0
RP11-519G16.5	DNAJB4	-0.44510208	0
RP11-519G16.5	SLC25A33	-0.478770102	0
RP11-519G16.5	EYA2	-0.181781162	0.000131451
RP11-519G16.5	LPAR1	-0.113421622	0.017479012
RP11-519G16.5	STX11	-0.044152622	0.355911806
RP11-519G16.5	ARHGEF28	-0.267006272	1.52E-08
RP11-519G16.5	OR2W3	-0.393553786	0
RP11-519G16.5	ALDH1B1	-0.328170993	1.76E-12
RP11-519G16.5	CXCL12	-0.135216174	0.004567051
RP11-519G16.5	OLFM2	-0.336621638	5.85E-13
RP11-519G16.5	TUB	-0.487689814	0
RP11-519G16.5	HTRA3	-0.090367982	0.058526037
RP11-519G16.5	CKB	-0.205099896	1.55E-05
RP11-519G16.5	RGS2	0.024569737	0.607535551
RP11-519G16.5	SHANK2	-0.520709498	0
RP11-519G16.5	CNTFR	-0.398669854	3.55E-18
RP11-519G16.5	CYTH3	-0.423539432	0
RP11-519G16.5	PLAC9	-0.280567036	2.58E-09
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RP11-519G16.5	NPR3	-0.460103343	0
RP11-519G16.5	SDC2	-0.430618382	0
RP11-519G16.5	KLF15	-0.419841738	0
RP11-519G16.5	TMEM164	-0.439156977	0
RP11-519G16.5	LONRF3	-0.2397795	4.01E-07
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RP11-519G16.5	ARHGAP6	-0.236535968	5.79E-07
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RP11-519G16.5	SH3RF1	-0.389242363	0
RP11-519G16.5	CRELD2	-0.411401294	0
RP11-519G16.5	PCP4	-0.004113135	0.931491635
RP11-519G16.5	GCSH	-0.541619837	0
RP11-519G16.5	IMPA2	-0.4612674	0
RP11-519G16.5	C1R	0.17949106	0.000160046
RP11-519G16.5	SUCNR1	-0.260363472	3.49E-08
RP11-519G16.5	SFRP1	-0.262058142	2.83E-08
RP11-519G16.5	UGT8	-0.319337649	9.51E-12
RP11-519G16.5	TLE4	-0.2642908	2.14E-08
RP11-519G16.5	ANTXR1	-0.29211882	5.30E-10
RP11-519G16.5	GPX3	-0.288771747	8.45E-10
RP11-519G16.5	DPY19L2	-0.434633507	0
RP11-519G16.5	FAM46C	-0.321515842	6.76E-12
RP11-519G16.5	IL33	-0.164351867	0.00054567
RP11-519G16.5	PEG3	-0.566138654	0
RP11-519G16.5	FAHD2A	-0.435782246	0
RP11-519G16.5	PTGDS	-0.049629947	0.299358791
RP11-519G16.5	CHCHD10	-0.193427977	4.66E-05
RP11-519G16.5	CD36	-0.575696491	0
RP11-519G16.5	ANKRD37	-0.360428717	8.14E-15

RP11-519G16.5	TSPAN33	-0.355850924	1.96E-14
RP11-519G16.5	PRDM16	-0.512583223	0
RP11-519G16.5	UST	-0.56323383	0
RP11-519G16.5	NEXN	-0.381350828	2.88E-17
RP11-519G16.5	NUPR1L	-0.169976969	0.000347129
RP11-519G16.5	SLC24A3	-0.287208986	1.05E-09
RP11-519G16.5	MARC1	-0.603531319	0
RP11-519G16.5	MYH11	-0.262358553	2.72E-08
RP11-519G16.5	APOA1	-0.424007722	1.39E-20
RP11-519G16.5	TMEM178B	-0.437337916	0
RP11-519G16.5	CAPN6	-0.260081684	3.22E-08
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RP11-519G16.5	RCAN2	-0.511366686	0
RP11-519G16.5	COPZ2	-0.282300286	2.05E-09
RP11-519G16.5	GAS1	-0.069483599	0.146050931
RP11-519G16.5	DACT1	-0.227805751	1.51E-06
RP11-519G16.5	WBCSR17	-0.484105589	0
RP11-519G16.5	NCS1	-0.429374328	0
RP11-519G16.5	SPIRE2	-0.251719633	9.99E-08
RP11-519G16.5	C15orf52	-0.183573416	0.0001125
RP11-519G16.5	SPAG5	-0.20423554	1.68E-05
RP11-519G16.5	ARL4D	-0.297946624	2.32E-10
RP11-519G16.5	FAM189A2	-0.384076796	0
RP11-519G16.5	MAP1LC3A	-0.415833563	0
RP11-519G16.5	KLF6	-0.025470119	0.594434969
RP11-519G16.5	ADD3	-0.435862951	0
RP11-519G16.5	TSPAN7	-0.553953426	0
RP11-519G16.5	KLF9	-0.385390917	0
RP11-519G16.5	KCNQ1	-0.531808962	0
RP11-519G16.5	MAN1A1	-0.047709188	0.318468982
RP11-519G16.5	MLF1	-0.308563984	4.91E-11
RP11-519G16.5	RARB	-0.533365199	0
RP11-519G16.5	CDC42EP2	-0.134840589	0.00468178
RP11-519G16.5	FAM3B	-0.110768842	0.020307035
RP11-519G16.5	GADD45B	-0.064763685	0.175507808
RP11-519G16.5	TMEM47	-0.542102367	0
RP11-519G16.5	SDF2L1	-0.359918954	9.00E-15
RP11-519G16.5	CCDC85A	-0.339000389	3.92E-13
RP11-519G16.5	CRYBG3	-0.163975213	0.000570991
RP11-519G16.5	FBLN2	0.021821217	0.648296879
RP11-519G16.5	PEBP4	-0.106235869	0.026065164
RP11-519G16.5	CDADC1	-0.618075298	0
RP11-519G16.5	FAM63A	-0.429076612	0
RP11-519G16.5	GLUL	-0.245205338	2.15E-07
RP11-519G16.5	FREM2	-0.206615142	1.33E-05
RP11-519G16.5	ACKR3	-0.432596584	0
RP11-519G16.5	DENND6A	-0.561325979	0
RP11-519G16.5	CLDN8	0.008000749	0.867192343
RP11-519G16.5	UTS2R	-0.223938879	2.15E-06
RP11-519G16.5	SCNN1B	-0.253002976	8.57E-08

RP11-519G16.5	TTC30A	-0.439876233	0
RP11-519G16.5	CORO2B	-0.505165425	0
RP11-519G16.5	TC2N	-0.148969128	0.001766554
RP11-519G16.5	ALDH2	-0.290239052	6.89E-10
RP11-519G16.5	GPR183	0.113889117	0.01701805
RP11-519G16.5	C4orf47	-0.41018958	0
RP11-519G16.5	SLC25A42	-0.604830689	0
RP11-519G16.5	LGMN	-0.369339351	1.26E-15
RP11-519G16.5	ACSF2	-0.350414448	5.34E-14
RP11-519G16.5	KIAA1467	-0.548830127	0
RP11-519G16.5	PRKG1	-0.536493559	0
RP11-519G16.5	GNAI1	-0.434001623	0
RP11-519G16.5	ABCC4	-0.305369954	7.88E-11
RP11-519G16.5	PRPS1	-0.488731607	0
RP11-519G16.5	TSPAN5	-0.161210523	0.000708277
RP11-519G16.5	CR2	-0.006571883	0.890789619
RP11-519G16.5	CCDC170	-0.38022067	5.27E-17
RP11-519G16.5	RRAD	0.031506424	0.51012389
RP11-519G16.5	SCGB2A1	-0.15323105	0.001294616
RP11-519G16.5	SESN3	-0.348153422	8.01E-14
RP11-519G16.5	SGK223	-0.19844972	2.92E-05
RP11-519G16.5	NDRG2	-0.525053544	0
RP11-519G16.5	C3orf52	-0.167595322	0.000428445
RP11-519G16.5	FLRT3	0.187771086	7.77E-05
RP11-519G16.5	MST1R	0.470502699	0
RP11-519G16.5	SDC1	0.370440858	9.80E-16
RP11-519G16.5	ST8SIA4	0.496439604	0
RP11-519G16.5	UBTD1	0.297347078	2.53E-10
RP11-519G16.5	EPHA2	0.168536553	0.00039724
RP11-519G16.5	TMEM130	0.07739953	0.105321235
RP11-519G16.5	SPINK2	0.481078501	0
RP11-519G16.5	MMP16	0.480407186	0
RP11-519G16.5	SIGLEC15	0.275154815	5.30E-09
RP11-519G16.5	RIN1	0.398756656	0
RP11-519G16.5	IL1RN	0.590516486	0
RP11-519G16.5	FCER1G	0.420776019	0
RP11-519G16.5	CD276	0.517203709	0
RP11-519G16.5	CTSB	0.507183342	0
RP11-519G16.5	FAM171A2	-0.051946998	0.277341938
RP11-519G16.5	ASPHD1	0.547406083	0
RP11-519G16.5	C15orf48	0.842166619	0
RP11-519G16.5	DYSF	0.008662845	0.856316557
RP11-519G16.5	PDZRN4	-0.112751442	0.01815886
RP11-519G16.5	EFHD2	0.242617519	2.90E-07
RP11-519G16.5	ASF1B	0.439674115	0
RP11-519G16.5	AQP1	0.066790821	0.162356112
RP11-519G16.5	ARRDC2	0.357507156	1.43E-14
RP11-519G16.5	PRSS1	0.341895076	1.76E-13
RP11-519G16.5	MAPK13	0.468099269	0
RP11-519G16.5	CST5	0.541758566	7.52E-35
RP11-519G16.5	AHR	0.393205009	0

RP11-519G16.5	BAX	0.468125509	0
RP11-519G16.5	C1orf115	0.045172431	0.344902685
RP11-519G16.5	PLK3	0.279357875	3.04E-09
RP11-519G16.5	JAG2	0.167035632	0.000448067
RP11-519G16.5	RAD23B	0.37221595	6.42E-16
RP11-519G16.5	CA12	-0.122403459	0.010296465
RP11-519G16.5	ADTRP	0.18179024	0.000131348
RP11-519G16.5	UCP2	0.222959035	2.53E-06
RP11-519G16.5	IGFBP2	0.105359458	0.027327789
RP11-519G16.5	LOXL2	0.290637189	6.52E-10
RP11-519G16.5	GPX1	0.366711251	2.25E-15
RP11-519G16.5	P3H3	0.369041209	1.35E-15
RP11-519G16.5	C2orf81	0.14636514	0.002127784
RP11-519G16.5	CDT1	0.445330722	0
RP11-519G16.5	SNX25	0.160286029	0.000760622
RP11-519G16.5	MTHFD1L	0.456145236	0
RP11-519G16.5	CDC42BPG	0.418391185	4.95E-20
RP11-519G16.5	MSN	0.328343456	2.28E-12
RP11-519G16.5	SIGLEC6	0.299938277	1.41E-10
RP11-519G16.5	F2R	0.216441193	4.99E-06
RP11-519G16.5	TMEM184A	0.478298919	0
RP11-519G16.5	CKS2	0.399265142	0
RP11-519G16.5	TAX1BP3	0.511010249	0
RP11-519G16.5	PMEPA1	0.473042435	0
RP11-519G16.5	CXCL16	0.598835375	0
RP11-519G16.5	FAXC	0.443022748	0
RP11-519G16.5	VTCN1	0.564303522	2.81E-38
RP11-519G16.5	SH2D4A	0.353478556	3.05E-14
RP11-519G16.5	RNF24	0.20710065	1.27E-05
RP11-519G16.5	LY6G6C	0.374367681	4.72E-16
RP11-519G16.5	NID1	0.322740889	5.58E-12
RP11-519G16.5	STAC	0.64039791	0
RP11-519G16.5	RAB34	0.309049776	4.57E-11
RP11-519G16.5	HES4	0.338215887	4.48E-13
RP11-519G16.5	EPHA10	0.495023502	0
RP11-519G16.5	ENTPD2	0.234462735	7.29E-07
RP11-519G16.5	DDB2	0.475725	0
RP11-519G16.5	NKAIN4	0.242777795	2.85E-07
RP11-519G16.5	TRIM29	0.301402486	1.41E-10
RP11-519G16.5	ADCY8	0.48659864	1.78E-27
RP11-519G16.5	SFTA2	0.536334276	0
RP11-519G16.5	NRIP1	0.273105269	6.92E-09
RP11-519G16.5	VWA1	0.037158775	0.437238281
RP11-519G16.5	APLNR	0.17986551	0.000155003
RP11-519G16.5	REN	0.362893111	4.13E-15
RP11-519G16.5	EDIL3	0.229974725	1.19E-06
RP11-519G16.5	AGRN	0.204103065	1.70E-05
RP11-519G16.5	TREM1	0.492372425	0
RP11-519G16.5	SRL	0.223058746	2.51E-06
RP11-519G16.5	RASGRF1	0.290290256	6.84E-10
RP11-519G16.5	RMI2	0.433378958	0

RP11-519G16.5	SAMD1	0.384472238	0
RP11-519G16.5	MGAT4B	0.439339805	0
RP11-519G16.5	NXN	0.50055742	0
RP11-519G16.5	SH3BGRL3	0.567968779	0
RP11-519G16.5	CA11	0.154123915	0.001211796
RP11-519G16.5	PLD3	0.1446126	0.002407664
RP11-519G16.5	LURAP1L	0.553656987	0
RP11-519G16.5	CARNS1	0.089984029	0.059609024
RP11-519G16.5	PDLIM7	0.354798917	2.39E-14
RP11-519G16.5	BCL2L1	0.576844379	0
RP11-519G16.5	GGT6	0.21987124	3.50E-06
RP11-519G16.5	DPYSL3	0.483410304	0
RP11-519G16.5	FYN	0.266412967	1.64E-08
RP11-519G16.5	TK1	0.464577879	0
RP11-519G16.5	AK1	0.305058479	8.25E-11
RP11-519G16.5	HIGD1B	-0.036527884	0.445064727
RP11-519G16.5	TMEM59L	0.269477784	1.11E-08
RP11-519G16.5	MEGF9	0.269743729	1.07E-08
RP11-519G16.5	ZFP36L1	0.387648397	0
RP11-519G16.5	ADRA1B	0.154971675	0.001137703
RP11-519G16.5	EPHA4	0.419970668	0
RP11-519G16.5	TCERG1L	0.103782229	0.029732914
RP11-519G16.5	NGFR	0.058195066	0.223555453
RP11-519G16.5	EBI3	0.635833449	0
RP11-519G16.5	S100A10	0.525485863	0
RP11-519G16.5	S100B	0.563993651	0
RP11-519G16.5	CD44	0.119978327	0.01191699
RP11-519G16.5	BHLHE41	0.252267267	9.36E-08
RP11-519G16.5	FBX02	0.258708091	4.28E-08
RP11-519G16.5	SLC30A2	0.469079789	0
RP11-519G16.5	FRMD5	0.648540921	0
RP11-519G16.5	SAMD11	0.187322597	8.08E-05
RP11-519G16.5	SIPA1L2	0.111554195	0.019430988
RP11-519G16.5	S100A16	0.539315125	0
RP11-519G16.5	PPL	0.454989972	0
RP11-519G16.5	ARHGDIB	0.182655021	0.000121864
RP11-519G16.5	CDC42EP3	0.634853922	0
RP11-519G16.5	RUNX2	0.289579368	7.55E-10
RP11-519G16.5	LAMC2	0.572859181	0
RP11-519G16.5	BRINP1	0.275563022	5.02E-09
RP11-519G16.5	GPRC5B	0.386249599	0
RP11-519G16.5	AQP5	0.005719582	0.90484325
RP11-519G16.5	PLAG1	0.176228097	0.000210996
RP11-519G16.5	PTPRU	0.404284758	0
RP11-519G16.5	ANGPTL4	0.36248266	5.41E-15
RP11-519G16.5	PALM3	0.161399876	0.000697976
RP11-519G16.5	ACP5	0.440466417	0
RP11-519G16.5	DLG4	0.100344381	0.035610701
RP11-519G16.5	ETNK2	0.214014643	6.39E-06
RP11-519G16.5	CD109	0.326911752	2.87E-12
RP11-519G16.5	SNX22	0.232376736	9.19E-07

RP11-519G16.5	TMEM98	0.311334063	3.24E-11
RP11-519G16.5	CTHRC1	0.466845712	0
RP11-519G16.5	S100A2	0.531888817	0
RP11-519G16.5	C11orf80	0.595541492	0
RP11-519G16.5	SREBF1	0.392678084	0
RP11-519G16.5	PRSS22	0.539971689	0
RP11-519G16.5	CMTM3	0.555208118	0
RP11-519G16.5	RDH5	0.234495783	7.27E-07
RP11-519G16.5	MYH10	0.244986199	2.21E-07
RP11-519G16.5	EVPL	0.334971363	7.71E-13
RP11-519G16.5	SCD	0.356040985	1.89E-14
RP11-519G16.5	CD151	0.272807127	7.20E-09
RP11-519G16.5	S100A4	0.315256995	1.78E-11
RP11-519G16.5	BNIP1	0.271268903	8.79E-09
RP11-519G16.5	MAP3K6	0.474973831	0
RP11-519G16.5	MANEAL	0.351278945	4.57E-14
RP11-519G16.5	CD207	0.482548418	5.50E-27
RP11-519G16.5	CD1A	0.540945609	9.88E-35
RP11-519G16.5	C3	0.414927365	0
RP11-519G16.5	NT5E	0.425013404	0
RP11-519G16.5	CACNG4	0.549270779	5.79E-36
RP11-519G16.5	FHOD1	0.447318853	0
RP11-519G16.5	LEMD1	0.376098883	2.29E-16
RP11-519G16.5	ATP11A	0.200552881	2.39E-05
RP11-519G16.5	PPAP2C	0.257905576	4.73E-08
RP11-519G16.5	DRAM1	0.539761912	0
RP11-519G16.5	CDA	0.170217748	0.00034671
RP11-519G16.5	CCND2	0.147646496	0.001942343
RP11-519G16.5	LCN6	0.0657174	0.169288731
RP11-519G16.5	CDH4	0.513079653	0
RP11-519G16.5	MMP11	0.605205423	0
RP11-519G16.5	B3GAT1	0.224865326	2.07E-06
RP11-519G16.5	SPP1	0.393177918	0
RP11-519G16.5	HLA-DQB1	0.454163771	0
RP11-519G16.5	SDC3	0.298804171	2.05E-10
RP11-519G16.5	CX3CL1	0.400208501	0
RP11-519G16.5	SDK1	0.305369954	7.88E-11
RP11-519G16.5	DOCK9	0.291597001	5.70E-10
RP11-519G16.5	CSF2	0.621433087	2.98E-48
RP11-519G16.5	GRHL3	0.560891248	0
RP11-519G16.5	TMEM92	0.598987594	4.29E-44
RP11-519G16.5	BASP1	0.499853766	0
RP11-519G16.5	HRH1	0.522264174	0
RP11-519G16.5	ESM1	-0.009385788	0.844472335
RP11-519G16.5	B4GALNT3	0.346373083	1.10E-13
RP11-519G16.5	LMO3	0.342764037	2.06E-13
RP11-519G16.5	C9orf16	0.46406145	0
RP11-519G16.5	SEMA3F	0.01120797	0.81477988
RP11-519G16.5	PLA2G12B	0.173878582	0.000251531
RP11-519G16.5	KLK6	0.335603791	5.12E-13
RP11-519G16.5	ST3GAL5	0.119818902	0.012031022

RP11-519G16.5	FAM132B	0.166603738	0.000463778
RP11-519G16.5	CDKN1A	0.30484005	8.52E-11
RP11-519G16.5	E2F1	0.448097255	0
RP11-519G16.5	B3GNT8	0.402983828	0
RP11-519G16.5	MTMR11	0.534671661	0
RP11-519G16.5	MYO1G	0.485699839	0
RP11-519G16.5	TMSB10	0.543013528	0
RP11-519G16.5	UNC5CL	0.640228698	0
RP11-519G16.5	ABR	0.504908841	0
RP11-519G16.5	PLP2	0.527481653	0
RP11-519G16.5	SRCIN1	0.324789017	4.03E-12
RP11-519G16.5	PDE9A	0.498602762	0
RP11-519G16.5	TREM2	0.402161598	0
RP11-519G16.5	KDELR3	0.457149301	0
RP11-519G16.5	PC	0.220008539	3.45E-06
RP11-519G16.5	C2CD4A	0.706128215	0
RP11-519G16.5	PELI1	0.465467339	0
RP11-519G16.5	SSX1	0.120833322	0.011321593
RP11-519G16.5	MROH6	0.389630713	0
RP11-519G16.5	ESPN	0.312737258	2.62E-11
RP11-519G16.5	BMP1	0.313178797	2.45E-11
RP11-519G16.5	TM4SF4	0.259723829	3.36E-08
RP11-519G16.5	CORO2A	0.382976424	5.21E-18
RP11-519G16.5	CD164L2	0.447014061	5.94E-23
RP11-519G16.5	CTSS	0.51860662	0
RP11-519G16.5	CLU	0.316863017	1.39E-11
RP11-519G16.5	TMSB4X	0.491889895	0
RP11-519G16.5	WNT10A	0.378107807	2.28E-16
RP11-519G16.5	NAPSA	0.471573995	0
RP11-519G16.5	PLEKHA4	0.250745921	1.12E-07
RP11-519G16.5	SFTPA1	0.177894282	0.000179249
RP11-519G16.5	C1orf116	0.383159394	3.20E-18
RP11-519G16.5	TM4SF1	0.416218792	0
RP11-519G16.5	SEL1L3	0.400197721	0
RP11-519G16.5	VASN	0.471843202	0
RP11-519G16.5	NPTXR	0.503677695	0
RP11-519G16.5	PDE4C	0.450239421	0
RP11-519G16.5	CDC42EP1	0.432647787	0
RP11-519G16.5	ENDOD1	0.4459158	0
RP11-519G16.5	RYR1	0.332133202	1.23E-12
RP11-519G16.5	IL1RAP	0.350360834	5.39E-14
RP11-519G16.5	SLC35F2	0.344558785	1.11E-13
RP11-519G16.5	ISYNA1	0.224254433	2.21E-06
RP11-519G16.5	HLA-G	0.544085392	0
RP11-519G16.5	CDKN2B	0.565309333	0
RP11-519G16.5	ALDH1A3	0.523996715	0
RP11-519G16.5	CLIP3	0.286845315	1.10E-09
RP11-519G16.5	ULBP2	0.425480757	0
RP11-519G16.5	ETHE1	0.622468562	0
RP11-519G16.5	XPR1	0.419707277	0
RP11-519G16.5	SPTBN2	0.498882891	0

RP11-519G16.5	IVL	0.540925596	9.95E-35
RP11-519G16.5	MARCO	0.512278273	0
RP11-519G16.5	PLXND1	0.144381264	0.00244702
RP11-519G16.5	EMILIN2	0.484769387	0
RP11-519G16.5	PLAUR	0.578633371	0
RP11-519G16.5	CDC42EP5	0.443476343	0
RP11-519G16.5	TRPC5	0.036250845	0.448676672
RP11-519G16.5	TMEM100	0.405764545	0
RP11-519G16.5	QSOX1	0.392739925	0
RP11-519G16.5	ARHGAP23	0.204503613	1.64E-05
RP11-519G16.5	MDFI	0.326788921	2.93E-12
RP11-519G16.5	FSTL3	0.488816568	0
RP11-519G16.5	INF2	0.246157916	1.93E-07
RP11-519G16.5	TGFBR1	0.424041394	0
RP11-519G16.5	TGFBI	0.434335224	0
RP11-519G16.5	ERBB3	0.539938641	0
RP11-519G16.5	CCL18	0.300334594	1.64E-10
RP11-519G16.5	CCL17	0.602651879	9.46E-45
RP11-519G16.5	C16orf45	0.212570174	7.39E-06
RP11-519G16.5	PRDM1	0.207608002	1.21E-05
RP11-519G16.5	TRIM47	0.599129829	0
RP11-519G16.5	CNFN	0.472118224	0
RP11-519G16.5	ARMCX3	0.171063381	0.000323625
RP11-519G16.5	RAMP1	0.20816528	1.15E-05
RP11-519G16.5	GABRD	0.040215791	0.400451549
RP11-519G16.5	COL13A1	0.294275595	3.91E-10
RP11-519G16.5	S100A5	0.368661937	1.47E-15
RP11-519G16.5	MISP	0.498091865	0
RP11-519G16.5	HES6	0.226609071	1.72E-06
RP11-519G16.5	PSD3	0.345320509	1.32E-13
RP11-519G16.5	DOK7	0.293820298	4.17E-10
RP11-519G16.5	ZMAT3	0.354212988	2.66E-14
RP11-519G16.5	MFAP2	0.376375324	2.11E-16
RP11-519G16.5	TMEM79	0.448641626	0
RP11-519G16.5	SLC1A5	0.453496427	0
RP11-519G16.5	BBC3	0.473122147	0
RP11-519G16.5	HLA-DQB2	0.529364967	0
RP11-519G16.5	C1QL1	0.175012978	0.000233585
RP11-519G16.5	TMEM215	0.129376707	0.006638967
RP11-519G16.5	PNP	0.436768156	0
RP11-519G16.5	ARNTL	0.408931342	0
RP11-519G16.5	CLDN2	0.297458005	2.03E-10
RP11-519G16.5	MVP	0.582627363	0
RP11-519G16.5	LGALS1	0.465018566	0
RP11-519G16.5	BIRC7	0.402731785	1.51E-18
RP11-519G16.5	COL8A1	0.444939535	0
RP11-519G16.5	PERP	0.586325057	0
RP11-519G16.5	GJA4	0.098105481	0.039948156
RP11-519G16.5	IGFL2	0.455389088	7.33E-24
RP11-519G16.5	DAPK2	0.351753532	4.19E-14
RP11-519G16.5	MAMLD1	0.482470774	0

RP11-519G16.5	ETV5	0.045782757	0.338418824
RP11-519G16.5	RUNX1	0.579351492	0
RP11-519G16.5	LONRF2	0.130900212	0.00605201
RP11-519G16.5	SPOCK1	0.038207377	0.424406383
RP11-519G16.5	XKRX	0.262463796	2.69E-08
RP11-519G16.5	TGFB1	0.254565595	7.10E-08
RP11-519G16.5	ERP27	0.351363906	4.50E-14
RP11-519G16.5	TNFRSF10C	0.334468692	8.38E-13
RP11-519G16.5	PALM	0.364547809	3.55E-15
RP11-519G16.5	TSC22D1	0.074251738	0.120285357
RP11-519G16.5	TGM2	0.578273246	0
RP11-519G16.5	UBE2QL1	0.191716144	5.45E-05
RP11-519G16.5	ECE1	0.353354164	3.12E-14
RP11-519G16.5	COL8A2	0.457876216	0
RP11-519G16.5	HIST3H2A	0.425488416	0
RP11-519G16.5	TNFRSF21	0.413046179	0
RP11-519G16.5	SOX4	0.505382435	0
RP11-519G16.5	ELF3	0.55864781	0
RP11-519G16.5	TPD52L1	0.323324407	5.09E-12
RP11-519G16.5	INHBB	0.219507712	3.64E-06
RP11-519G16.5	HPN	0.314246689	2.08E-11
RP11-519G16.5	MMP7	0.584725444	1.28E-41
RP11-519G16.5	RAB27A	0.308169961	5.21E-11
RP11-519G16.5	IGF2BP2	0.340694633	2.94E-13
RP11-519G16.5	ITGB4	0.407789412	0
RP11-519G16.5	PPP1R1B	0.35583135	1.97E-14
RP11-519G16.5	NPDC1	0.200597702	2.38E-05
RP11-519G16.5	CCL13	0.5655764	1.77E-38
RP11-519G16.5	SPINT1	0.579456877	0
RP11-519G16.5	HEY2	0.195540924	3.83E-05
RP11-519G16.5	CST2	0.579565026	9.44E-41
RP11-519G16.5	ADM	0.220488374	3.28E-06
RP11-519G16.5	VSTM2L	0.53462216	0
RP11-519G16.5	FAM84A	0.503692588	0
RP11-519G16.5	P4HA2	0.408032379	0
RP11-519G16.5	LPL	0.204137531	1.70E-05
RP11-519G16.5	TMEM173	0.351919056	4.06E-14
RP11-519G16.5	DHRS3	0.334065449	8.95E-13
RP11-519G16.5	SCN1B	0.454072995	0
RP11-519G16.5	GLT1D1	0.055252087	0.247884335
RP11-519G16.5	PHYHIP	0.41490382	0
RP11-519G16.5	BHLHE40	0.464859142	0
RP11-519G16.5	BID	0.410529421	0
RP11-519G16.5	POSTN	0.529559567	0
RP11-519G16.5	ITGA3	0.630239393	0
RP11-519G16.5	RSPO4	0.390393087	0
RP11-519G16.5	ADAMTS9	0.038555304	0.420197761
RP11-519G16.5	ABTB2	0.514791911	0
RP11-519G16.5	KCNQ3	0.551702755	0
RP11-519G16.5	ANXA1	0.342557948	2.13E-13
RP11-519G16.5	S100A11	0.619447289	0

RP11-519G16.5	CEACAM6	0.560154093	1.26E-37
RP11-519G16.5	IER5L	0.425886553	0
RP11-519G16.5	KRT80	0.479635167	0
RP11-519G16.5	CDH6	0.569774224	0
RP11-519G16.5	UNC5B	0.248653398	1.44E-07
RP11-519G16.5	PLEKHN1	0.528433522	0
RP11-519G16.5	SYTL1	0.373891472	4.21E-16
RP11-519G16.5	TMEM163	0.459389193	0
RP11-519G16.5	C4orf48	0.211553485	8.19E-06
RP11-519G16.5	B3GNT7	0.312733145	2.62E-11
RP11-519G16.5	BAIAP3	0.271018277	9.08E-09
RP11-519G16.5	PHLDA2	0.452387119	0
RP11-519G16.5	GAP43	0.455783833	6.63E-24
RP11-519G16.5	S100A1	0.432252203	0
RP11-519G16.5	PTPRE	0.523890763	0
RP11-519G16.5	CCND1	0.333890139	9.22E-13
RP11-519G16.5	ST6GALNAC5	0.613082499	1.15E-46
RP11-519G16.5	KRT17	0.293212668	4.54E-10
RP11-519G16.5	HPCAL4	0.216119506	5.16E-06
RP11-519G16.5	GABBR2	0.375935203	2.40E-16
RP11-519G16.5	DIRAS3	0.165647189	0.000500416
RP11-519G16.5	SERINC2	0.438762811	0
RP11-519G16.5	PTCHD4	0.278172542	3.56E-09
RP11-519G16.5	EPS8	0.155141596	0.001123364
RP11-519G16.5	LY6E	0.328505576	2.22E-12
RP11-519G16.5	UPP1	0.514514619	0
RP11-519G16.5	AHNAK2	0.601293271	0
RP11-519G16.5	PLXNC1	0.391243685	0
RP11-519G16.5	TNC	0.432771327	0
RP11-519G16.5	DUSP4	0.271148767	8.92E-09
RP11-519G16.5	NRCAM	0.274108483	6.07E-09
RP11-519G16.5	NRP2	0.297713869	2.40E-10
RP11-519G16.5	CTSC	0.610684875	0
RP11-519G16.5	AMIGO2	0.28413963	1.59E-09
RP11-519G16.5	NAB2	0.247224531	1.70E-07
RP11-519G16.5	TBC1D2	0.562590882	0
RP11-519G16.5	PHLDA3	0.471510452	0
RP11-519G16.5	PTP4A3	0.519897196	0
RP11-519G16.5	CRABP2	0.432623817	0
RP11-519G16.5	GOS2	0.266619624	1.59E-08
RP11-519G16.5	S100A6	0.578861445	0
RP11-519G16.5	FOXQ1	0.538838552	0
RP11-519G16.5	LRG1	0.468994119	0
RP11-519G16.5	LAMP5	0.455988647	0
RP11-519G16.5	ALDH3B1	0.474235994	0
RP11-519G16.5	CDH2	-0.162652014	0.00063328
RP11-519G16.5	SCG5	0.114935024	0.016025111
RP11-519G16.5	ZCCHC16	0.071429838	0.135106764
RP11-519G16.5	GRB7	0.472712522	0
RP11-519G16.5	TIAM1	0.324724623	4.07E-12
RP11-519G16.5	FXYD5	0.359682086	9.42E-15

RP11-519G16.5	CLDN9	0.394381973	0
RP11-519G16.5	FAM43A	0.305271661	8.00E-11
RP11-519G16.5	CHST2	0.357192419	1.52E-14
RP11-519G16.5	HMGA2	0.311635751	3.10E-11
RP11-519G16.5	GALNT7	0.337200901	5.31E-13
RP11-519G16.5	CBLN1	0.478398347	0
RP11-519G16.5	STRA6	0.408878012	0
RP11-519G16.5	MUC21	0.541206411	9.05E-35
RP11-519G16.5	PRR36	0.377108764	1.69E-16
RP11-519G16.5	NFE2L3	0.537117501	0
RP11-519G16.5	NR1D1	0.383370447	1.01E-18
RP11-519G16.5	MUC1	0.618032038	0
RP11-519G16.5	NAT8L	-0.01708329	0.721032184
RP11-519G16.5	APOC1	0.087847962	0.065940823
RP11-519G16.5	EVA1A	0.472217085	0
RP11-519G16.5	ENTPD1	0.095650139	0.045210741
RP11-519G16.5	COL1A1	0.577700934	0
RP11-519G16.5	FNDC4	0.443374362	0
RP11-519G16.5	FRMD3	0.154393121	0.001187799
RP11-519G16.5	SHROOM4	0.352760151	3.48E-14
RP11-519G16.5	NELL2	0.091675011	0.054960896
RP11-519G16.5	EPHB3	0.510870681	0
RP11-519G16.5	TMC6	0.391851031	0
RP11-519G16.5	NOD1	0.345962039	1.18E-13
RP11-519G16.5	GGCT	0.49943251	0
RP11-519G16.5	ICAM1	0.589815952	0
RP11-519G16.5	PRSS23	0.363049867	4.82E-15
RP11-519G16.5	CFI	0.493997878	0
RP11-519G16.5	CD55	0.514849355	0
RP11-519G16.5	RASD2	0.248524043	1.46E-07
RP11-519G16.5	KLK11	0.311204776	2.59E-11
RP11-519G16.5	ICAM5	0.368514852	1.52E-15
RP11-519G16.5	ADORA1	0.435395314	0
RP11-519G16.5	ITGA2	0.640602439	0
RP11-519G16.5	ABCC3	0.155942408	0.001058004
RP11-519G16.5	MFGE8	0.414846376	0
RP11-519G16.5	STK32A	0.32826502	2.31E-12
RP11-519G16.5	CYSLTR2	0.222352823	2.70E-06
RP11-519G16.5	LAD1	0.408700431	0
RP11-519G16.5	MGAT3	0.396935325	0
RP11-519G16.5	IGFBP6	0.414526959	0
RP11-519G16.5	CYP2S1	0.571960359	0
RP11-519G16.5	KCNJ2	0.376515743	2.02E-16
RP11-519G16.5	FAM20A	0.476417166	0
RP11-519G16.5	TGFA	0.197485937	3.20E-05
RP11-519G16.5	MXRA8	0.426065977	0
RP11-519G16.5	C8orf4	0.414838717	0
RP11-519G16.5	CLDN10	0.540908769	1.00E-34
RP11-519G16.5	PDE5A	0.264871056	1.99E-08
RP11-519G16.5	APOE	0.054839341	0.25143882
RP11-519G16.5	SPOCK2	0.327111884	2.78E-12

RP11-519G16.5	TENM1	0.180603772	0.000145492
RP11-519G16.5	SLIT1	0.121047921	0.01117635
RP11-519G16.5	CXCL14	0.291094047	6.12E-10
RP11-519G16.5	ECM1	0.262319548	2.74E-08
RP11-519G16.5	DUSP5	0.474593282	0
RP11-519G16.5	SEZ6L2	0.473602266	0
RP11-519G16.5	THRSP	0.187416777	8.02E-05
RP11-519G16.5	C19orf33	0.456250479	0
RP11-519G16.5	MPZL2	0.429011083	0
RP11-519G16.5	CTSH	0.389958498	0
RP11-519G16.5	CYP1B1	0.34859411	7.40E-14
RP11-519G16.5	ALOX5	0.653896124	0
RP11-519G16.5	SYTL5	0.342360026	1.62E-13
RP11-519G16.5	TNFRSF12A	0.306809601	6.37E-11
RP11-519G16.5	DUSP6	0.322493525	5.80E-12
RP11-519G16.5	ALOX15B	0.619482181	0
RP11-519G16.5	SDC4	0.304057251	9.56E-11
RP11-519G16.5	MDK	0.430208047	0
RP11-519G16.5	KRT19	0.573874451	0
RP11-519G16.5	MET	0.478493945	0
RP11-519G16.5	TESC	0.082862387	0.082885062
RP11-519G16.5	CXCL17	0.663957294	3.93E-57
RP11-519G16.5	NPC2	0.371128768	8.34E-16
RP11-519G16.5	COMP	0.474311877	0
RP11-519G16.5	TUSC3	0.269252263	1.14E-08
RP11-519G16.5	TMPRSS4	0.576189943	0
RP11-519G16.5	LGALS3	0.529696582	0
RP11-519G16.5	CRLF1	0.327690154	2.53E-12
RP11-519G16.5	CTXN1	0.418637115	0
RP11-519G16.5	PCSK1N	0.241545089	3.28E-07
RP11-519G16.5	NMU	0.51225012	9.73E-31
RP11-519G16.5	GALE	0.396234082	0
RP11-519G16.5	PCSK2	0.365926182	2.66E-15
RP11-519G16.5	GJB3	0.335126391	7.51E-13
RP11-519G16.5	SLPI	0.501934375	0
RP11-519G16.5	AGR2	0.164925805	0.000529808
RP11-519G16.5	MRC2	0.339195982	3.79E-13
RP11-519G16.5	GOLT1A	0.299106852	1.96E-10
RP11-519G16.5	SLC27A6	0.420211735	3.29E-20
RP11-519G16.5	KCNN4	0.579063705	0
RP11-519G16.5	ETV4	0.158686182	0.000848312
RP11-519G16.5	SYT12	0.340774629	2.90E-13
RP11-519G16.5	PVRL4	0.610838201	0
RP11-519G16.5	PLCD3	0.315793706	1.64E-11
RP11-519G16.5	PLAU	0.573963241	0
RP11-519G16.5	LRRK2	0.082834303	0.08298964
RP11-519G16.5	SFN	0.615143809	0
RP11-519G16.5	LPAR5	0.327223935	2.73E-12
RP11-519G16.5	NGEF	0.564420014	0
RP11-519G16.5	DTX4	0.540499891	0
RP11-519G16.5	CST6	0.439037266	0

RP11-519G16.5	QPCT	0.317330228	1.30E-11
RP11-519G16.5	TIMP1	0.394328926	0
RP11-519G16.5	CAMK2N1	0.320411923	8.04E-12
RP11-519G16.5	KLHDC8A	0.252769086	8.81E-08
RP11-519G16.5	PDLIM4	0.533109325	0
RP11-519G16.5	SCEL	0.397152478	0
RP11-519G16.5	LCN2	0.667465683	0
RP11-519G16.5	PROS1	0.513556793	0
RP11-519G16.5	GABRB2	0.474520803	0
RP11-519G16.5	TMPRSS6	0.61657069	0
RP11-519G16.5	KLK7	0.395292643	7.18E-18
RP11-519G16.5	PDZK1IP1	0.56505516	0
RP11-519G16.5	CDH3	0.257964155	4.69E-08
RP11-519G16.5	LRP4	0.071904192	0.13248855
RP11-519G16.5	IGSF1	0.299320033	1.90E-10
RP11-519G16.5	B3GNT3	0.571998939	0
RP11-519G16.5	CLDN1	0.417406678	0
RP11-519G16.5	GDF15	0.504304331	0
RP11-519G16.5	ARHGAP36	0.410453441	2.86E-19
RP11-519G16.5	LAMB3	0.411587384	0
RP11-519G16.5	KLK10	0.554658073	0
RP11-519G16.5	DPP4	0.486010178	0
RP11-519G16.5	METTL7B	0.1926917	4.98E-05
RP11-519G16.5	LIPH	0.510131426	0
RP11-519G16.5	CLDN16	0.387601023	0
RP11-519G16.5	CHI3L1	0.558217618	0
RP11-519G16.5	SLC22A31	0.393486908	1.04E-17
RP11-519G16.5	TACSTD2	0.50168233	0
RP11-519G16.5	SFTPB	0.696392798	0
RP11-519G16.5	RXRG	0.216869116	4.78E-06
RP11-519G16.5	DCSTAMP	0.506985044	4.79E-30
RP11-519G16.5	CITED1	0.419968541	0
RP11-519G16.5	SERPINA1	0.601429576	0
RP11-519G16.5	PRR15	0.200023829	2.52E-05
RP11-519G16.5	SLC34A2	0.56690344	0
RP11-519G16.5	FN1	0.626999974	0
RP11-519G16.5	ZCCHC12	0.173274764	0.000269857
RP11-547C5.1	TFF3	-0.388528761	2.87E-17
RP11-547C5.1	CCL21	-0.295501347	2.70E-10
RP11-547C5.1	TPO	-0.490468804	5.97E-28
RP11-547C5.1	MT1G	-0.401645262	1.90E-18
RP11-547C5.1	DIO1	-0.484104692	3.57E-27
RP11-547C5.1	DPT	-0.293533219	3.58E-10
RP11-547C5.1	CDH16	-0.500823242	2.99E-29
RP11-547C5.1	CRABP1	-0.302548954	9.58E-11
RP11-547C5.1	SLC26A7	-0.347778856	6.31E-14
RP11-547C5.1	MT1H	-0.388370724	2.96E-17
RP11-547C5.1	SLC26A4	-0.34890125	5.18E-14
RP11-547C5.1	SLC5A8	-0.403990664	1.15E-18
RP11-547C5.1	PKHD1L1	-0.489712153	7.39E-28
RP11-547C5.1	TFCP2L1	-0.487425469	1.41E-27

RP11-547C5.1	WSCD2	-0.395434075	6.98E-18
RP11-547C5.1	IPCEF1	-0.44769578	5.02E-23
RP11-547C5.1	SLC5A5	-0.383734284	7.52E-17
RP11-547C5.1	MT1F	-0.444886743	1.00E-22
RP11-547C5.1	FOSB	-0.215156253	5.40E-06
RP11-547C5.1	SEMA3D	-0.481946133	6.50E-27
RP11-547C5.1	BMP8A	-0.39587378	6.37E-18
RP11-547C5.1	MATN2	-0.442132485	1.96E-22
RP11-547C5.1	PLA2R1	-0.481950302	6.49E-27
RP11-547C5.1	COL23A1	-0.321820882	4.90E-12
RP11-547C5.1	HGD	-0.404069996	1.13E-18
RP11-547C5.1	TCEAL2	-0.327619044	1.92E-12
RP11-547C5.1	CHRD1	-0.267037227	1.33E-08
RP11-547C5.1	TNFRSF11B	-0.406389857	6.90E-19
RP11-547C5.1	FAM167A	-0.381184309	1.25E-16
RP11-547C5.1	KIT	-0.506707261	5.21E-30
RP11-547C5.1	SLC4A4	-0.512091887	1.02E-30
RP11-547C5.1	SMOC2	-0.298817265	1.66E-10
RP11-547C5.1	FHL1	-0.383032875	8.65E-17
RP11-547C5.1	OTOS	-0.397613356	4.43E-18
RP11-547C5.1	IGFBPL1	-0.458111447	3.67E-24
RP11-547C5.1	HBB	-0.234263066	6.92E-07
RP11-547C5.1	BEX1	-0.254338723	6.56E-08
RP11-547C5.1	FABP4	-0.293459787	3.62E-10
RP11-547C5.1	LMOD1	-0.360583998	6.32E-15
RP11-547C5.1	SOD3	-0.372188978	7.17E-16
RP11-547C5.1	TMEM171	-0.41753603	5.99E-20
RP11-547C5.1	PI16	-0.230572321	1.04E-06
RP11-547C5.1	ZMAT4	-0.459824268	2.37E-24
RP11-547C5.1	MFAP4	-0.132993281	0.005254843
RP11-547C5.1	CWH43	-0.468101473	2.74E-25
RP11-547C5.1	SPX	-0.342473418	1.59E-13
RP11-547C5.1	APOD	-0.233842435	7.25E-07
RP11-547C5.1	DPP6	-0.441346142	2.37E-22
RP11-547C5.1	MMRN1	-0.325917359	2.54E-12
RP11-547C5.1	WDR72	-0.447207455	5.66E-23
RP11-547C5.1	MPPED2	-0.379181484	1.85E-16
RP11-547C5.1	PAPSS2	-0.44934595	3.34E-23
RP11-547C5.1	DCN	-0.224561715	2.01E-06
RP11-547C5.1	SORBS2	-0.448818032	3.80E-23
RP11-547C5.1	EGR2	-0.183744259	0.000107987
RP11-547C5.1	EDN3	-0.212153309	7.34E-06
RP11-547C5.1	DIO2	-0.404629136	1.01E-18
RP11-547C5.1	ITPR1	-0.488579084	1.02E-27
RP11-547C5.1	CFD	-0.195127711	3.85E-05
RP11-547C5.1	CPXM1	-0.311709117	2.40E-11
RP11-547C5.1	ELMO1	-0.461229932	1.65E-24
RP11-547C5.1	GPC3	-0.333059098	7.83E-13
RP11-547C5.1	MYOC	-0.074083345	0.121159916
RP11-547C5.1	DEPTOR	-0.50337797	1.41E-29
RP11-547C5.1	DGKI	-0.493073344	2.84E-28

RP11-547C5.1	CARTPT	-0.286054522	1.03E-09
RP11-547C5.1	IYD	-0.425522073	9.83E-21
RP11-547C5.1	LYVE1	-0.302193246	1.01E-10
RP11-547C5.1	CLCNKB	-0.370512127	9.87E-16
RP11-547C5.1	NCAM1	-0.522325272	4.26E-32
RP11-547C5.1	HBA2	-0.184765469	9.87E-05
RP11-547C5.1	GLT8D2	-0.32253045	4.38E-12
RP11-547C5.1	OGDHL	-0.491564519	4.37E-28
RP11-547C5.1	LIFR	-0.3930541	1.14E-17
RP11-547C5.1	CSGALNACT1	-0.546104872	1.72E-35
RP11-547C5.1	RAP1GAP	-0.389835217	2.20E-17
RP11-547C5.1	COL9A3	-0.300525053	1.29E-10
RP11-547C5.1	FBLN1	-0.256707686	4.90E-08
RP11-547C5.1	EFEMP1	-0.416861515	6.97E-20
RP11-547C5.1	AOX1	-0.42023964	3.27E-20
RP11-547C5.1	GRIN2C	-0.426329277	8.17E-21
RP11-547C5.1	C11orf74	-0.337741027	3.57E-13
RP11-547C5.1	PPARGC1A	-0.531239287	2.45E-33
RP11-547C5.1	ANGPTL1	-0.266498301	1.42E-08
RP11-547C5.1	SCARA5	-0.283636813	1.44E-09
RP11-547C5.1	LTF	-0.346344535	8.12E-14
RP11-547C5.1	CA4	-0.179444981	0.000156958
RP11-547C5.1	TG	-0.254640857	6.32E-08
RP11-547C5.1	FCGBP	-0.365715734	2.44E-15
RP11-547C5.1	PBX4	-0.367266707	1.82E-15
RP11-547C5.1	CYR61	-0.23905648	4.02E-07
RP11-547C5.1	FOS	-0.242567137	2.68E-07
RP11-547C5.1	KHDRBS2	-0.403370363	1.32E-18
RP11-547C5.1	MUM1L1	-0.49283947	3.03E-28
RP11-547C5.1	RGS16	-0.406669852	6.50E-19
RP11-547C5.1	MT1M	-0.389142395	2.54E-17
RP11-547C5.1	LRP2	-0.39314904	1.12E-17
RP11-547C5.1	MAFB	-0.449705985	3.05E-23
RP11-547C5.1	KCNK2	-0.42556039	9.75E-21
RP11-547C5.1	TBC1D4	-0.344148423	1.19E-13
RP11-547C5.1	MIOX	-0.364794373	2.90E-15
RP11-547C5.1	TPPP	-0.412527618	1.82E-19
RP11-547C5.1	FMOD	-0.512068187	1.03E-30
RP11-547C5.1	CITED2	-0.438803335	4.37E-22
RP11-547C5.1	RGS8	-0.438209313	5.03E-22
RP11-547C5.1	ABI3BP	-0.345935966	8.72E-14
RP11-547C5.1	ADH1B	-0.261973341	2.53E-08
RP11-547C5.1	OGN	-0.254173674	6.69E-08
RP11-547C5.1	NR4A1	-0.223007478	2.37E-06
RP11-547C5.1	FOXJ1	-0.301092087	1.19E-10
RP11-547C5.1	ALDH1A1	-0.404962491	9.37E-19
RP11-547C5.1	OCA2	-0.430443994	3.15E-21
RP11-547C5.1	TMEM139	-0.376066481	3.39E-16
RP11-547C5.1	ARHGAP24	-0.397671115	4.38E-18
RP11-547C5.1	SLC25A15	-0.537050079	3.63E-34
RP11-547C5.1	DES	-0.23338392	7.64E-07

RP11-547C5.1	GDF10	-0.33085448	1.13E-12
RP11-547C5.1	KIAA1324	-0.390625108	1.88E-17
RP11-547C5.1	JUN	-0.218545432	3.80E-06
RP11-547C5.1	C7	-0.130675549	0.006108178
RP11-547C5.1	LGI3	-0.340705175	2.15E-13
RP11-547C5.1	CDON	-0.403353901	1.32E-18
RP11-547C5.1	BCL2	-0.56686952	1.10E-38
RP11-547C5.1	HLF	-0.297100111	2.14E-10
RP11-547C5.1	EGR1	-0.203604491	1.72E-05
RP11-547C5.1	IP6K3	-0.479556079	1.26E-26
RP11-547C5.1	SCUBE3	-0.513781793	6.09E-31
RP11-547C5.1	PKNOX2	-0.373234739	5.86E-16
RP11-547C5.1	SMAD9	-0.570286514	3.12E-39
RP11-547C5.1	IQGAP2	-0.489793012	7.23E-28
RP11-547C5.1	GNA14	-0.383769974	7.47E-17
RP11-547C5.1	LAYN	-0.347937231	6.14E-14
RP11-547C5.1	AVPR1A	-0.354839338	1.80E-14
RP11-547C5.1	PDLIM3	-0.469270186	2.01E-25
RP11-547C5.1	GPM6A	-0.336577052	4.34E-13
RP11-547C5.1	SDPR	-0.180149589	0.000147713
RP11-547C5.1	CRYAB	-0.296951954	2.18E-10
RP11-547C5.1	FOXA2	-0.343047146	1.44E-13
RP11-547C5.1	C8orf88	-0.375126446	4.07E-16
RP11-547C5.1	ISM1	-0.338250922	3.27E-13
RP11-547C5.1	BMP2	-0.386160508	4.63E-17
RP11-547C5.1	ID4	-0.460427695	2.03E-24
RP11-547C5.1	NUPR1	-0.319312702	7.31E-12
RP11-547C5.1	SERTM1	-0.524011551	2.50E-32
RP11-547C5.1	IRS1	-0.366538406	2.09E-15
RP11-547C5.1	FIBIN	-0.341784428	1.79E-13
RP11-547C5.1	PODN	-0.236829999	5.18E-07
RP11-547C5.1	TDRD9	-0.433284602	1.62E-21
RP11-547C5.1	EPHA3	-0.286874815	9.20E-10
RP11-547C5.1	AIF1L	-0.380884304	1.32E-16
RP11-547C5.1	EBF4	-0.382860876	8.95E-17
RP11-547C5.1	ADM2	-0.495410092	1.45E-28
RP11-547C5.1	GSTM3	-0.335035587	5.63E-13
RP11-547C5.1	HSD17B6	-0.349166912	4.94E-14
RP11-547C5.1	AGR3	-0.240703151	3.32E-07
RP11-547C5.1	EPHB1	-0.320035326	6.52E-12
RP11-547C5.1	TMOD1	-0.218170355	3.95E-06
RP11-547C5.1	WASF3	-0.40244239	1.60E-18
RP11-547C5.1	SELV	-0.466456715	4.22E-25
RP11-547C5.1	ENPP1	-0.237188188	4.97E-07
RP11-547C5.1	SYNE1	-0.457610443	4.17E-24
RP11-547C5.1	PLCH1	-0.386060175	4.72E-17
RP11-547C5.1	CCDC146	-0.401630077	1.91E-18
RP11-547C5.1	SLC16A2	-0.370900403	9.17E-16
RP11-547C5.1	IER2	-0.203311581	1.77E-05
RP11-547C5.1	KCNAB1	-0.254877143	6.14E-08
RP11-547C5.1	SYNDIG1	-0.409814515	3.29E-19

RP11-547C5.1	C16orf89	-0.257715414	4.32E-08
RP11-547C5.1	CTGF	-0.194258633	4.17E-05
RP11-547C5.1	NR4A3	-0.247673328	1.47E-07
RP11-547C5.1	KIAA1456	-0.396548437	5.53E-18
RP11-547C5.1	AQP4	-0.222183102	2.59E-06
RP11-547C5.1	RNF150	-0.502446307	1.85E-29
RP11-547C5.1	C1S	-0.212704697	6.94E-06
RP11-547C5.1	PFKFB2	-0.456325968	5.78E-24
RP11-547C5.1	PROX1	-0.349204803	4.91E-14
RP11-547C5.1	TCF7L1	-0.406155984	7.25E-19
RP11-547C5.1	HSPB6	-0.168732503	0.000384135
RP11-547C5.1	FHDC1	-0.360094396	6.92E-15
RP11-547C5.1	PRR15L	-0.280535821	2.21E-09
RP11-547C5.1	SLC1A1	-0.416240218	8.00E-20
RP11-547C5.1	BTBD11	-0.356787669	1.26E-14
RP11-547C5.1	TRIM58	-0.499926065	3.89E-29
RP11-547C5.1	LRIG1	-0.488646067	1.00E-27
RP11-547C5.1	ROR2	-0.504968111	8.76E-30
RP11-547C5.1	GPR125	-0.475599104	3.69E-26
RP11-547C5.1	FLRT1	-0.417110857	6.59E-20
RP11-547C5.1	PGF	-0.325324869	2.79E-12
RP11-547C5.1	DUSP1	-0.246593224	1.67E-07
RP11-547C5.1	PLA2G7	-0.44430433	1.15E-22
RP11-547C5.1	PLSCR4	-0.409251402	3.72E-19
RP11-547C5.1	FAM46B	-0.395639481	6.69E-18
RP11-547C5.1	GLDC	-0.40718656	5.81E-19
RP11-547C5.1	ZBTB16	-0.352267439	2.85E-14
RP11-547C5.1	OMD	-0.249290969	1.21E-07
RP11-547C5.1	HSD11B2	-0.226785784	1.58E-06
RP11-547C5.1	FGL2	-0.313545904	1.80E-11
RP11-547C5.1	CLCNKA	-0.391643351	1.52E-17
RP11-547C5.1	GATM	-0.321717143	4.99E-12
RP11-547C5.1	TNS3	-0.551631128	2.55E-36
RP11-547C5.1	TOB1	-0.434896739	1.11E-21
RP11-547C5.1	MARC2	-0.385537791	5.24E-17
RP11-547C5.1	LRRC2	-0.458607512	3.23E-24
RP11-547C5.1	SORD	-0.340227636	2.34E-13
RP11-547C5.1	RIMS4	-0.29223049	4.31E-10
RP11-547C5.1	SLC29A4	-0.457185822	4.65E-24
RP11-547C5.1	SLC39A14	-0.460736073	1.87E-24
RP11-547C5.1	FAXDC2	-0.479595815	1.24E-26
RP11-547C5.1	HSPB8	-0.470453319	1.47E-25
RP11-547C5.1	CCL19	-0.060989109	0.202164892
RP11-547C5.1	KCNIP3	-0.263111393	2.19E-08
RP11-547C5.1	CGNL1	-0.277358661	3.40E-09
RP11-547C5.1	ATF3	-0.127648391	0.007409238
RP11-547C5.1	SGCD	-0.452493876	1.52E-23
RP11-547C5.1	STARD13	-0.446153321	7.34E-23
RP11-547C5.1	LDHD	-0.34621582	8.30E-14
RP11-547C5.1	RCAN1	-0.359627501	7.53E-15
RP11-547C5.1	ID3	-0.473871874	5.88E-26

RP11-547C5.1	SYTL3	-0.349323301	4.81E-14
RP11-547C5.1	MT1E	-0.303949001	7.78E-11
RP11-547C5.1	CAMK1D	-0.339449524	2.67E-13
RP11-547C5.1	PRKCQ	-0.485672411	2.31E-27
RP11-547C5.1	NUAK2	-0.625230611	5.45E-49
RP11-547C5.1	LIPG	-0.204946284	1.51E-05
RP11-547C5.1	SLC25A25	-0.439980366	3.29E-22
RP11-547C5.1	PRKX	-0.385676866	5.10E-17
RP11-547C5.1	SRPX	-0.150637391	0.00154931
RP11-547C5.1	FAM189A1	-0.238710779	4.18E-07
RP11-547C5.1	PLEKHH1	-0.362610098	4.35E-15
RP11-547C5.1	WNT11	-0.396349474	5.77E-18
RP11-547C5.1	SNAI1	-0.448805118	3.81E-23
RP11-547C5.1	FDCSP	-0.10577913	0.026676377
RP11-547C5.1	MT1X	-0.187353404	7.84E-05
RP11-547C5.1	ACACB	-0.470142812	1.59E-25
RP11-547C5.1	ARC	-0.06517649	0.172833552
RP11-547C5.1	KLK4	-0.406995739	6.06E-19
RP11-547C5.1	ZFPM2	-0.292927144	3.90E-10
RP11-547C5.1	AKAP12	-0.311797387	2.36E-11
RP11-547C5.1	GJB6	-0.396677351	5.39E-18
RP11-547C5.1	ERO1LB	-0.471934612	9.89E-26
RP11-547C5.1	DNALI1	-0.27441211	5.04E-09
RP11-547C5.1	HKDC1	-0.424636532	1.20E-20
RP11-547C5.1	ZFP36L2	-0.462043664	1.33E-24
RP11-547C5.1	CAPSL	-0.271442764	7.47E-09
RP11-547C5.1	CYP7B1	-0.459908717	2.31E-24
RP11-547C5.1	CPQ	-0.290715563	5.35E-10
RP11-547C5.1	RPS6KA6	-0.430159823	3.37E-21
RP11-547C5.1	TLE1	-0.506472678	5.59E-30
RP11-547C5.1	TP53INP2	-0.414178924	1.26E-19
RP11-547C5.1	KATNAL2	-0.368994646	1.32E-15
RP11-547C5.1	SGPP2	-0.516004301	3.07E-31
RP11-547C5.1	CTH	-0.55208298	2.18E-36
RP11-547C5.1	KIF12	-0.295132338	2.84E-10
RP11-547C5.1	TMEM220	-0.372482029	6.78E-16
RP11-547C5.1	CENPJ	-0.483780135	3.91E-27
RP11-547C5.1	FAM155B	-0.082488522	0.084285924
RP11-547C5.1	WFS1	-0.528177219	6.59E-33
RP11-547C5.1	SELENBP1	-0.236027761	5.67E-07
RP11-547C5.1	SNTA1	-0.351630531	3.19E-14
RP11-547C5.1	FRAS1	-0.500563682	3.23E-29
RP11-547C5.1	FBLN7	-0.467358468	3.33E-25
RP11-547C5.1	AGPAT9	-0.345717561	9.05E-14
RP11-547C5.1	GPR83	-0.350959989	3.60E-14
RP11-547C5.1	PRTG	-0.405516663	8.32E-19
RP11-547C5.1	EGR3	-0.094613615	0.047572256
RP11-547C5.1	GRAMD2	-0.496607984	1.02E-28
RP11-547C5.1	HYOU1	-0.48592005	2.15E-27
RP11-547C5.1	FBLN5	-0.243585367	2.38E-07
RP11-547C5.1	ITM2A	-0.257383904	4.50E-08

RP11-547C5.1	SRF	-0.370678024	9.56E-16
RP11-547C5.1	FGFR2	-0.336873935	4.13E-13
RP11-547C5.1	MT1A	-0.189393063	6.52E-05
RP11-547C5.1	MAMDC2	-0.202786501	1.86E-05
RP11-547C5.1	FHL2	-0.41393242	1.33E-19
RP11-547C5.1	FTCDNL1	-0.468175323	2.69E-25
RP11-547C5.1	PKIA	-0.146704967	0.002057968
RP11-547C5.1	DNAJB4	-0.302997187	8.97E-11
RP11-547C5.1	SLC25A33	-0.409112326	3.83E-19
RP11-547C5.1	EYA2	-0.416103555	8.25E-20
RP11-547C5.1	LPAR1	-0.459353693	2.67E-24
RP11-547C5.1	STX11	-0.342236138	1.66E-13
RP11-547C5.1	ARHGEF28	-0.425604099	9.65E-21
RP11-547C5.1	OR2W3	-0.454440788	9.32E-24
RP11-547C5.1	ALDH1B1	-0.453966175	1.05E-23
RP11-547C5.1	CXCL12	-0.176971577	0.000193887
RP11-547C5.1	OLFM2	-0.317853973	9.21E-12
RP11-547C5.1	TUB	-0.379983011	1.58E-16
RP11-547C5.1	HTRA3	-0.283233172	1.53E-09
RP11-547C5.1	CKB	-0.341698002	1.82E-13
RP11-547C5.1	RGS2	-0.24407582	2.24E-07
RP11-547C5.1	SHANK2	-0.415112005	1.03E-19
RP11-547C5.1	CNTFR	-0.244685307	2.09E-07
RP11-547C5.1	CYTH3	-0.428171315	5.34E-21
RP11-547C5.1	PLAC9	-0.079694245	0.095380764
RP11-547C5.1	WWOX	-0.328428944	1.68E-12
RP11-547C5.1	NPR3	-0.281561572	1.92E-09
RP11-547C5.1	SDC2	-0.268817878	1.05E-08
RP11-547C5.1	KLF15	-0.317786848	9.30E-12
RP11-547C5.1	TMEM164	-0.540122081	1.30E-34
RP11-547C5.1	LONRF3	-0.220424935	3.12E-06
RP11-547C5.1	GBP1	-0.233516601	7.52E-07
RP11-547C5.1	ARHGAP6	-0.44663824	6.51E-23
RP11-547C5.1	TMEM119	-0.209476306	9.61E-06
RP11-547C5.1	SH3RF1	-0.450633532	2.42E-23
RP11-547C5.1	CRELD2	-0.305254605	6.40E-11
RP11-547C5.1	PCP4	-0.179479331	0.000156495
RP11-547C5.1	GCSH	-0.285877305	1.06E-09
RP11-547C5.1	IMPA2	-0.409458454	3.55E-19
RP11-547C5.1	C1R	-0.205006313	1.50E-05
RP11-547C5.1	SUCNR1	-0.227524018	1.46E-06
RP11-547C5.1	SFRP1	-0.267062408	1.32E-08
RP11-547C5.1	UGT8	-0.44879788	3.82E-23
RP11-547C5.1	TLE4	-0.298738077	1.68E-10
RP11-547C5.1	ANTXR1	-0.362763222	4.23E-15
RP11-547C5.1	GPX3	-0.391212488	1.66E-17
RP11-547C5.1	DPY19L2	-0.36451699	3.05E-15
RP11-547C5.1	FAM46C	-0.443117223	1.54E-22
RP11-547C5.1	IL33	-0.211063332	8.20E-06
RP11-547C5.1	PEG3	-0.395437822	6.97E-18
RP11-547C5.1	FAHD2A	-0.365988917	2.32E-15

RP11-547C5.1	PTGDS	-0.019800912	0.679069733
RP11-547C5.1	CHCHD10	-0.290192044	5.77E-10
RP11-547C5.1	CD36	-0.272334921	6.64E-09
RP11-547C5.1	ANKRD37	-0.304133488	7.57E-11
RP11-547C5.1	TSPAN33	-0.401853165	1.82E-18
RP11-547C5.1	PRDM16	-0.456058745	6.19E-24
RP11-547C5.1	UST	-0.196849974	3.28E-05
RP11-547C5.1	NEXN	-0.353504357	2.29E-14
RP11-547C5.1	NUPR1L	-0.105776856	0.026679657
RP11-547C5.1	SLC24A3	-0.513150562	7.39E-31
RP11-547C5.1	MARC1	-0.216151919	4.87E-06
RP11-547C5.1	MYH11	-0.215466618	5.23E-06
RP11-547C5.1	APOA1	-0.350571655	3.86E-14
RP11-547C5.1	TMEM178B	-0.362094384	4.78E-15
RP11-547C5.1	CAPN6	-0.227226161	1.51E-06
RP11-547C5.1	PPM1L	-0.376574958	3.08E-16
RP11-547C5.1	FZD8	-0.444319657	1.15E-22
RP11-547C5.1	RCAN2	-0.322101729	4.69E-12
RP11-547C5.1	COPZ2	-0.384485076	6.47E-17
RP11-547C5.1	GAS1	-0.305548366	6.12E-11
RP11-547C5.1	DACT1	-0.467867938	2.91E-25
RP11-547C5.1	WBSCR17	-0.276434945	3.85E-09
RP11-547C5.1	NCS1	-0.401001116	2.18E-18
RP11-547C5.1	SPIRE2	-0.527155725	9.15E-33
RP11-547C5.1	C15orf52	-0.422173055	2.11E-20
RP11-547C5.1	SPAG5	-0.541032031	9.60E-35
RP11-547C5.1	ARL4D	-0.347973703	6.10E-14
RP11-547C5.1	FAM189A2	-0.195363288	3.77E-05
RP11-547C5.1	MAP1LC3A	-0.249473643	1.18E-07
RP11-547C5.1	KLF6	-0.12731163	0.007568305
RP11-547C5.1	ADD3	-0.262619946	2.34E-08
RP11-547C5.1	TSPAN7	-0.176447916	0.000202684
RP11-547C5.1	KLF9	-0.226645006	1.60E-06
RP11-547C5.1	KCNQ1	-0.267194387	1.30E-08
RP11-547C5.1	MAN1A1	-0.328938414	1.55E-12
RP11-547C5.1	MLF1	-0.250222095	1.08E-07
RP11-547C5.1	RARB	-0.39523971	7.26E-18
RP11-547C5.1	CDC42EP2	-0.257693276	4.33E-08
RP11-547C5.1	FAM3B	-0.296096499	2.47E-10
RP11-547C5.1	GADD45B	-0.209932416	9.18E-06
RP11-547C5.1	TMEM47	-0.215170445	5.39E-06
RP11-547C5.1	SDF2L1	-0.180240839	0.000146554
RP11-547C5.1	CCDC85A	-0.41582356	8.78E-20
RP11-547C5.1	CRYBG3	-0.420323922	3.21E-20
RP11-547C5.1	FBLN2	-0.17099503	0.000319357
RP11-547C5.1	PEBP4	-0.037754962	0.430065087
RP11-547C5.1	CDADC1	-0.286361656	9.88E-10
RP11-547C5.1	FAM63A	-0.433958691	1.38E-21
RP11-547C5.1	GLUL	-0.400869846	2.24E-18
RP11-547C5.1	FREM2	-0.426741252	7.43E-21
RP11-547C5.1	ACKR3	-0.362965875	4.07E-15

RP11-547C5.1	DENND6A	-0.490875529	5.31E-28
RP11-547C5.1	CLDN8	-0.348226735	5.83E-14
RP11-547C5.1	UTS2R	-0.297455642	2.03E-10
RP11-547C5.1	SCNN1B	-0.298679893	1.70E-10
RP11-547C5.1	TTC30A	-0.523169658	3.26E-32
RP11-547C5.1	CORO2B	-0.23865004	4.21E-07
RP11-547C5.1	TC2N	-0.541495946	8.21E-35
RP11-547C5.1	ALDH2	-0.355191709	1.69E-14
RP11-547C5.1	GPR183	-0.172683517	0.000277819
RP11-547C5.1	C4orf47	-0.233379655	7.64E-07
RP11-547C5.1	SLC25A42	-0.268151736	1.15E-08
RP11-547C5.1	LGMN	-0.436608642	7.37E-22
RP11-547C5.1	ACSF2	-0.39996458	2.71E-18
RP11-547C5.1	KIAA1467	-0.452500688	1.52E-23
RP11-547C5.1	PRKG1	-0.281848805	1.85E-09
RP11-547C5.1	GNAI1	-0.415995417	8.45E-20
RP11-547C5.1	ABCC4	-0.420072309	3.39E-20
RP11-547C5.1	PRPS1	-0.500956499	2.87E-29
RP11-547C5.1	TSPAN5	-0.563260516	4.10E-38
RP11-547C5.1	CR2	-0.175514292	0.000219303
RP11-547C5.1	CCDC170	-0.517745296	1.79E-31
RP11-547C5.1	RRAD	-0.098220632	0.039680497
RP11-547C5.1	SCGB2A1	-0.373125891	5.99E-16
RP11-547C5.1	SESN3	-0.341085361	2.02E-13
RP11-547C5.1	SGK223	-0.403262934	1.35E-18
RP11-547C5.1	NDRG2	-0.34800095	6.07E-14
RP11-547C5.1	C3orf52	-0.369957529	1.10E-15
RP11-547C5.1	FLRT3	0.301610975	1.10E-10
RP11-547C5.1	MST1R	0.376230959	3.29E-16
RP11-547C5.1	SDC1	0.15903924	0.00082565
RP11-547C5.1	ST8SIA4	0.165722233	0.000489378
RP11-547C5.1	UBTD1	0.502704164	1.72E-29
RP11-547C5.1	EPHA2	0.340816293	2.11E-13
RP11-547C5.1	TMEM130	0.514632281	4.69E-31
RP11-547C5.1	SPINK2	0.462985403	1.05E-24
RP11-547C5.1	MMP16	0.208442891	1.07E-05
RP11-547C5.1	SIGLEC15	0.572529174	1.35E-39
RP11-547C5.1	RIN1	0.554586193	9.08E-37
RP11-547C5.1	IL1RN	0.215959484	4.97E-06
RP11-547C5.1	FCER1G	0.230768304	1.02E-06
RP11-547C5.1	CD276	0.385170945	5.64E-17
RP11-547C5.1	CTSB	0.370529725	9.84E-16
RP11-547C5.1	FAM171A2	0.489971823	6.87E-28
RP11-547C5.1	ASPHD1	0.317009162	1.05E-11
RP11-547C5.1	C15orf48	0.116406852	0.014673362
RP11-547C5.1	DYSF	0.345413866	9.55E-14
RP11-547C5.1	PDZRN4	0.474985895	4.35E-26
RP11-547C5.1	EFHD2	0.465506922	5.42E-25
RP11-547C5.1	ASF1B	0.23966018	3.75E-07
RP11-547C5.1	AQP1	0.420121269	3.36E-20
RP11-547C5.1	ARRDC2	0.471341697	1.16E-25

RP11-547C5.1	PRSS1	0.57286787	1.19E-39
RP11-547C5.1	MAPK13	0.387324766	3.66E-17
RP11-547C5.1	CST5	0.263098332	2.20E-08
RP11-547C5.1	AHR	0.26094636	2.89E-08
RP11-547C5.1	BAX	0.328592996	1.64E-12
RP11-547C5.1	C1orf115	0.53042073	3.19E-33
RP11-547C5.1	PLK3	0.492011688	3.84E-28
RP11-547C5.1	JAG2	0.406849231	6.25E-19
RP11-547C5.1	RAD23B	0.482151819	6.14E-27
RP11-547C5.1	CA12	0.175944549	0.000211492
RP11-547C5.1	ADTRP	0.429383682	4.03E-21
RP11-547C5.1	UCP2	0.351773296	3.11E-14
RP11-547C5.1	IGFBP2	0.365910155	2.35E-15
RP11-547C5.1	LOXL2	0.197790009	3.00E-05
RP11-547C5.1	GPX1	0.459100945	2.85E-24
RP11-547C5.1	P3H3	0.456781084	5.15E-24
RP11-547C5.1	C2orf81	0.537696211	2.93E-34
RP11-547C5.1	CDT1	0.30970842	3.26E-11
RP11-547C5.1	SNX25	0.399266081	3.14E-18
RP11-547C5.1	MTHFD1L	0.282590445	1.67E-09
RP11-547C5.1	CDC42BPG	0.319182508	7.46E-12
RP11-547C5.1	MSN	0.423148143	1.69E-20
RP11-547C5.1	SIGLEC6	0.30291359	9.08E-11
RP11-547C5.1	F2R	0.060400389	0.2065626
RP11-547C5.1	TMEM184A	0.361121425	5.73E-15
RP11-547C5.1	CKS2	0.133968794	0.004928969
RP11-547C5.1	TAX1BP3	0.452563556	1.49E-23
RP11-547C5.1	PMEPA1	0.393541715	1.03E-17
RP11-547C5.1	CXCL16	0.225805871	1.76E-06
RP11-547C5.1	FAXC	0.372167833	7.20E-16
RP11-547C5.1	VTCN1	0.182441101	0.000121057
RP11-547C5.1	SH2D4A	0.34419937	1.18E-13
RP11-547C5.1	RNF24	0.353325262	2.36E-14
RP11-547C5.1	LY6G6C	0.302372448	9.84E-11
RP11-547C5.1	NID1	0.12838847	0.007070121
RP11-547C5.1	STAC	0.281910537	1.83E-09
RP11-547C5.1	RAB34	0.599191464	3.95E-44
RP11-547C5.1	HES4	0.374976585	4.19E-16
RP11-547C5.1	EPHA10	0.354430769	1.93E-14
RP11-547C5.1	ENTPD2	0.591353437	9.40E-43
RP11-547C5.1	DDB2	0.372147681	7.22E-16
RP11-547C5.1	NKAIN4	0.388845654	2.69E-17
RP11-547C5.1	TRIM29	0.268852363	1.05E-08
RP11-547C5.1	ADCY8	0.460544106	1.97E-24
RP11-547C5.1	SFTA2	0.184001264	0.000105571
RP11-547C5.1	NRIP1	0.249425677	1.19E-07
RP11-547C5.1	VWA1	0.381908352	1.08E-16
RP11-547C5.1	APLNR	0.270373392	8.59E-09
RP11-547C5.1	REN	0.519955827	8.97E-32
RP11-547C5.1	EDIL3	0.260436606	3.08E-08
RP11-547C5.1	AGRN	0.355009634	1.74E-14

RP11-547C5.1	TREM1	0.385044216	5.79E-17
RP11-547C5.1	SRL	0.329663308	1.37E-12
RP11-547C5.1	RASGRF1	0.510873701	1.48E-30
RP11-547C5.1	RMI2	0.3351819	5.49E-13
RP11-547C5.1	SAMD1	0.448859754	3.76E-23
RP11-547C5.1	MGAT4B	0.476914358	2.58E-26
RP11-547C5.1	NXN	0.295955011	2.52E-10
RP11-547C5.1	SH3BGRL3	0.400699692	2.32E-18
RP11-547C5.1	CA11	0.586858751	5.57E-42
RP11-547C5.1	PLD3	0.531979934	1.92E-33
RP11-547C5.1	LURAP1L	0.275360944	4.44E-09
RP11-547C5.1	CARNS1	0.429446266	3.97E-21
RP11-547C5.1	PDLIM7	0.537745455	2.88E-34
RP11-547C5.1	BCL2L1	0.29950143	1.50E-10
RP11-547C5.1	GGT6	0.370558959	9.78E-16
RP11-547C5.1	DPYSL3	0.198735012	2.74E-05
RP11-547C5.1	FYN	0.398935139	3.36E-18
RP11-547C5.1	TK1	0.220776739	3.01E-06
RP11-547C5.1	AK1	0.54461549	2.86E-35
RP11-547C5.1	HIGD1B	0.487736117	1.29E-27
RP11-547C5.1	TMEM59L	0.296130274	2.46E-10
RP11-547C5.1	MEGF9	0.311255845	2.57E-11
RP11-547C5.1	ZFP36L1	0.272134539	6.82E-09
RP11-547C5.1	ADRA1B	0.472729044	7.99E-26
RP11-547C5.1	EPHA4	0.311875298	2.34E-11
RP11-547C5.1	TCERG1L	0.259866682	3.30E-08
RP11-547C5.1	NGFR	0.497316558	8.33E-29
RP11-547C5.1	EBI3	0.250634638	1.03E-07
RP11-547C5.1	S100A10	0.231533785	9.38E-07
RP11-547C5.1	S100B	0.299948316	1.41E-10
RP11-547C5.1	CD44	0.477257363	2.35E-26
RP11-547C5.1	BHLHE41	0.431610306	2.40E-21
RP11-547C5.1	FBX02	0.58020031	7.40E-41
RP11-547C5.1	SLC30A2	0.000253741	0.995770182
RP11-547C5.1	FRMD5	0.336525254	4.38E-13
RP11-547C5.1	SAMD11	0.259603858	3.42E-08
RP11-547C5.1	SIPA1L2	0.425475525	9.94E-21
RP11-547C5.1	S100A16	0.343046465	1.44E-13
RP11-547C5.1	PPL	0.240460431	3.42E-07
RP11-547C5.1	ARHGDIB	0.363947065	3.39E-15
RP11-547C5.1	CDC42EP3	0.223497789	2.25E-06
RP11-547C5.1	RUNX2	0.494988325	1.64E-28
RP11-547C5.1	LAMC2	0.208092365	1.10E-05
RP11-547C5.1	BRINP1	0.513072651	7.57E-31
RP11-547C5.1	GPRC5B	0.403123291	1.39E-18
RP11-547C5.1	AQP5	0.394889468	7.81E-18
RP11-547C5.1	PLAG1	0.512352156	9.43E-31
RP11-547C5.1	PTPRU	0.220947177	2.95E-06
RP11-547C5.1	ANGPTL4	0.352979987	2.51E-14
RP11-547C5.1	PALM3	0.457566008	4.22E-24
RP11-547C5.1	ACP5	0.203464422	1.74E-05

RP11-547C5.1	DLG4	0.534865178	7.47E-34
RP11-547C5.1	ETNK2	0.511471724	1.23E-30
RP11-547C5.1	CD109	0.328920391	1.55E-12
RP11-547C5.1	SNX22	0.483329986	4.43E-27
RP11-547C5.1	TMEM98	0.404610545	1.01E-18
RP11-547C5.1	CTHRC1	0.158015618	0.000892944
RP11-547C5.1	S100A2	0.268410444	1.11E-08
RP11-547C5.1	C11orf80	0.444878654	1.00E-22
RP11-547C5.1	SREBF1	0.353501803	2.29E-14
RP11-547C5.1	PRSS22	0.333178649	7.68E-13
RP11-547C5.1	CMTM3	0.352715886	2.63E-14
RP11-547C5.1	RDH5	0.593705796	3.66E-43
RP11-547C5.1	MYH10	0.428840863	4.57E-21
RP11-547C5.1	EVPL	0.323024593	4.04E-12
RP11-547C5.1	SCD	0.229130905	1.22E-06
RP11-547C5.1	CD151	0.565315566	1.94E-38
RP11-547C5.1	S100A4	0.433207259	1.65E-21
RP11-547C5.1	BNIP1	0.514952722	4.25E-31
RP11-547C5.1	MAP3K6	0.427748838	5.89E-21
RP11-547C5.1	MANEAL	0.353242953	2.39E-14
RP11-547C5.1	CD207	0.392097029	1.39E-17
RP11-547C5.1	CD1A	0.366707398	2.03E-15
RP11-547C5.1	C3	0.21152355	7.82E-06
RP11-547C5.1	NT5E	0.293458752	3.62E-10
RP11-547C5.1	CACNG4	0.209763262	9.34E-06
RP11-547C5.1	FHOD1	0.388513576	2.88E-17
RP11-547C5.1	LEMD1	0.493301824	2.66E-28
RP11-547C5.1	ATP11A	0.246334658	1.72E-07
RP11-547C5.1	PPAP2C	0.374122975	4.94E-16
RP11-547C5.1	DRAM1	0.230939167	1.00E-06
RP11-547C5.1	CDA	0.367948885	1.60E-15
RP11-547C5.1	CCND2	0.536135446	4.91E-34
RP11-547C5.1	LCN6	0.451977682	1.73E-23
RP11-547C5.1	CDH4	0.262317812	2.43E-08
RP11-547C5.1	MMP11	0.29921661	1.57E-10
RP11-547C5.1	B3GAT1	0.307665149	4.45E-11
RP11-547C5.1	SPP1	0.104724529	0.028235222
RP11-547C5.1	HLA-DQB1	0.229435452	1.18E-06
RP11-547C5.1	SDC3	0.452377365	1.57E-23
RP11-547C5.1	CX3CL1	0.280272571	2.29E-09
RP11-547C5.1	SDK1	0.319192218	7.45E-12
RP11-547C5.1	DOCK9	0.352654153	2.66E-14
RP11-547C5.1	CSF2	0.467008239	3.65E-25
RP11-547C5.1	GRHL3	0.388163759	3.09E-17
RP11-547C5.1	TMEM92	0.431529839	2.44E-21
RP11-547C5.1	BASP1	0.377720626	2.46E-16
RP11-547C5.1	HRH1	0.29697764	2.18E-10
RP11-547C5.1	ESM1	0.095928444	0.044555338
RP11-547C5.1	B4GALNT3	0.376047323	3.41E-16
RP11-547C5.1	LMO3	0.413966621	1.32E-19
RP11-547C5.1	C9orf16	0.441860437	2.09E-22

RP11-547C5.1	SEMA3F	0.531691282	2.11E-33
RP11-547C5.1	PLA2G12B	0.525253257	1.68E-32
RP11-547C5.1	KLK6	0.389651538	2.29E-17
RP11-547C5.1	ST3GAL5	0.652684353	1.23E-54
RP11-547C5.1	FAM132B	0.377827061	2.41E-16
RP11-547C5.1	CDKN1A	0.142470551	0.002772884
RP11-547C5.1	E2F1	0.33118746	1.07E-12
RP11-547C5.1	B3GNT8	0.474280585	5.27E-26
RP11-547C5.1	MTMR11	0.370911046	9.15E-16
RP11-547C5.1	MYO1G	0.177456637	0.000186058
RP11-547C5.1	TMSB10	0.444440851	1.12E-22
RP11-547C5.1	UNC5CL	0.410556297	2.80E-19
RP11-547C5.1	ABR	0.302013016	1.04E-10
RP11-547C5.1	PLP2	0.451174932	2.12E-23
RP11-547C5.1	SRCIN1	0.427205309	6.68E-21
RP11-547C5.1	PDE9A	0.421097776	2.69E-20
RP11-547C5.1	TREM2	0.247839651	1.44E-07
RP11-547C5.1	KDELR3	0.335839386	4.92E-13
RP11-547C5.1	PC	0.48310335	4.72E-27
RP11-547C5.1	C2CD4A	0.299450199	1.52E-10
RP11-547C5.1	PELI1	0.244478429	2.14E-07
RP11-547C5.1	SSX1	0.334138836	6.54E-13
RP11-547C5.1	MROH6	0.519595849	1.00E-31
RP11-547C5.1	ESPN	0.580561196	6.44E-41
RP11-547C5.1	BMP1	0.53214725	1.82E-33
RP11-547C5.1	TM4SF4	0.49923232	4.77E-29
RP11-547C5.1	CORO2A	0.390137493	2.07E-17
RP11-547C5.1	CD164L2	0.514000784	5.69E-31
RP11-547C5.1	CTSS	0.143757564	0.002534729
RP11-547C5.1	CLU	0.562578338	5.25E-38
RP11-547C5.1	TMSB4X	0.441096658	2.51E-22
RP11-547C5.1	WNT10A	0.358877855	8.64E-15
RP11-547C5.1	NAPSA	0.31436219	1.59E-11
RP11-547C5.1	PLEKHA4	0.548164322	8.48E-36
RP11-547C5.1	SFTPA1	0.238578555	4.24E-07
RP11-547C5.1	C1orf116	0.373243112	5.85E-16
RP11-547C5.1	TM4SF1	0.331779665	9.69E-13
RP11-547C5.1	SEL1L3	0.15192256	0.00140995
RP11-547C5.1	VASN	0.505480702	7.52E-30
RP11-547C5.1	NPTXR	0.430456549	3.14E-21
RP11-547C5.1	PDE4C	0.357092925	1.20E-14
RP11-547C5.1	CDC42EP1	0.448176583	4.46E-23
RP11-547C5.1	ENDOD1	0.422112174	2.14E-20
RP11-547C5.1	RYR1	0.498227501	6.39E-29
RP11-547C5.1	IL1RAP	0.430667006	2.99E-21
RP11-547C5.1	SLC35F2	0.434426524	1.24E-21
RP11-547C5.1	ISYNA1	0.607805616	1.09E-45
RP11-547C5.1	HLA-G	0.177486581	0.000185584
RP11-547C5.1	CDKN2B	0.286131898	1.02E-09
RP11-547C5.1	ALDH1A3	0.225682974	1.78E-06
RP11-547C5.1	CLIP3	0.380420389	1.45E-16

RP11-547C5.1	ULBP2	0.424348306	1.29E-20
RP11-547C5.1	ETHE1	0.360500269	6.42E-15
RP11-547C5.1	XPR1	0.268077657	1.16E-08
RP11-547C5.1	SPTBN2	0.353402747	2.33E-14
RP11-547C5.1	IVL	0.398391253	3.77E-18
RP11-547C5.1	MARCO	0.21627368	4.81E-06
RP11-547C5.1	PLXND1	0.411916822	2.08E-19
RP11-547C5.1	EMILIN2	0.450830792	2.31E-23
RP11-547C5.1	PLAUR	0.232046803	8.86E-07
RP11-547C5.1	CDC42EP5	0.478626403	1.62E-26
RP11-547C5.1	TRPC5	0.57185444	1.74E-39
RP11-547C5.1	TMEM100	0.451161166	2.12E-23
RP11-547C5.1	QSOX1	0.368612615	1.41E-15
RP11-547C5.1	ARHGAP23	0.417893369	5.53E-20
RP11-547C5.1	MDFI	0.30649124	5.31E-11
RP11-547C5.1	FSTL3	0.339607048	2.60E-13
RP11-547C5.1	INF2	0.556049889	5.42E-37
RP11-547C5.1	TGFBR1	0.460997478	1.75E-24
RP11-547C5.1	TGFBI	0.272267087	6.70E-09
RP11-547C5.1	ERBB3	0.288137278	7.71E-10
RP11-547C5.1	CCL18	0.220472476	3.10E-06
RP11-547C5.1	CCL17	0.308317181	4.03E-11
RP11-547C5.1	C16orf45	0.438796949	4.37E-22
RP11-547C5.1	PRDM1	0.378979683	1.92E-16
RP11-547C5.1	TRIM47	0.367586864	1.72E-15
RP11-547C5.1	CNFN	0.35165565	3.18E-14
RP11-547C5.1	ARMCX3	0.520199975	8.31E-32
RP11-547C5.1	RAMP1	0.516646034	2.52E-31
RP11-547C5.1	GABRD	0.358924177	8.57E-15
RP11-547C5.1	COL13A1	0.430189893	3.34E-21
RP11-547C5.1	S100A5	0.499254104	4.74E-29
RP11-547C5.1	MISP	0.174265712	0.000243526
RP11-547C5.1	HES6	0.497841922	7.15E-29
RP11-547C5.1	PSD3	0.446147077	7.35E-23
RP11-547C5.1	DOK7	0.391942917	1.43E-17
RP11-547C5.1	ZMAT3	0.294011079	3.34E-10
RP11-547C5.1	MFAP2	0.379444449	1.76E-16
RP11-547C5.1	TMEM79	0.478131693	1.85E-26
RP11-547C5.1	SLC1A5	0.272495709	6.50E-09
RP11-547C5.1	BBC3	0.342832175	1.49E-13
RP11-547C5.1	HLA-DQB2	0.24431168	2.18E-07
RP11-547C5.1	C1QL1	0.546895615	1.31E-35
RP11-547C5.1	TMEM215	0.482290166	5.91E-27
RP11-547C5.1	PNP	0.26113028	2.82E-08
RP11-547C5.1	ARNTL	0.39523744	7.27E-18
RP11-547C5.1	CLDN2	0.536859295	3.86E-34
RP11-547C5.1	MVP	0.437346167	6.19E-22
RP11-547C5.1	LGALS1	0.465820835	4.99E-25
RP11-547C5.1	BIRC7	0.497951549	6.93E-29
RP11-547C5.1	COL8A1	0.432166465	2.11E-21
RP11-547C5.1	PERP	0.28121658	2.01E-09

RP11-547C5.1	GJA4	0.394906071	7.78E-18
RP11-547C5.1	IGFL2	0.380048645	1.56E-16
RP11-547C5.1	DAPK2	0.431822892	2.28E-21
RP11-547C5.1	MAMLD1	0.447629222	5.10E-23
RP11-547C5.1	ETV5	0.498521404	5.87E-29
RP11-547C5.1	RUNX1	0.263312768	2.14E-08
RP11-547C5.1	LONRF2	0.372695325	6.50E-16
RP11-547C5.1	SPOCK1	0.376291414	3.25E-16
RP11-547C5.1	XKRX	0.391159838	1.68E-17
RP11-547C5.1	TGFB1	0.343097695	1.43E-13
RP11-547C5.1	ERP27	0.232454378	8.47E-07
RP11-547C5.1	TNFRSF10C	0.297862187	1.91E-10
RP11-547C5.1	PALM	0.474822837	4.55E-26
RP11-547C5.1	TSC22D1	0.628989475	9.92E-50
RP11-547C5.1	TGM2	0.21978604	3.34E-06
RP11-547C5.1	UBE2QL1	0.522866388	3.59E-32
RP11-547C5.1	ECE1	0.459008701	2.92E-24
RP11-547C5.1	COL8A2	0.388119056	3.12E-17
RP11-547C5.1	HIST3H2A	0.319985656	6.57E-12
RP11-547C5.1	TNFRSF21	0.265214126	1.68E-08
RP11-547C5.1	SOX4	0.245143152	1.98E-07
RP11-547C5.1	ELF3	0.257578042	4.40E-08
RP11-547C5.1	TPD52L1	0.538709048	2.09E-34
RP11-547C5.1	INHBB	0.512314975	9.54E-31
RP11-547C5.1	HPN	0.474317057	5.22E-26
RP11-547C5.1	MMP7	0.228068709	1.37E-06
RP11-547C5.1	RAB27A	0.516246831	2.85E-31
RP11-547C5.1	IGF2BP2	0.45456624	9.03E-24
RP11-547C5.1	ITGB4	0.342048529	1.71E-13
RP11-547C5.1	PPP1R1B	0.485657652	2.32E-27
RP11-547C5.1	NPDC1	0.597167351	9.02E-44
RP11-547C5.1	CCL13	0.346721368	7.60E-14
RP11-547C5.1	SPINT1	0.410678626	2.72E-19
RP11-547C5.1	HEY2	0.616196395	2.98E-47
RP11-547C5.1	CST2	0.225265876	1.86E-06
RP11-547C5.1	ADM	0.494376961	1.95E-28
RP11-547C5.1	VSTM2L	0.275879638	4.15E-09
RP11-547C5.1	FAM84A	0.250123324	1.09E-07
RP11-547C5.1	P4HA2	0.47641312	2.96E-26
RP11-547C5.1	LPL	0.405077299	9.14E-19
RP11-547C5.1	TMEM173	0.439895076	3.36E-22
RP11-547C5.1	DHRS3	0.517372489	2.01E-31
RP11-547C5.1	SCN1B	0.546620444	1.44E-35
RP11-547C5.1	GLT1D1	0.541075031	9.46E-35
RP11-547C5.1	PHYHIP	0.534826861	7.56E-34
RP11-547C5.1	BHLHE40	0.275819466	4.18E-09
RP11-547C5.1	BID	0.514387196	5.05E-31
RP11-547C5.1	POSTN	0.087428249	0.067233763
RP11-547C5.1	ITGA3	0.342093373	1.70E-13
RP11-547C5.1	RSPO4	0.383219633	8.33E-17
RP11-547C5.1	ADAMTS9	0.626302342	3.36E-49

RP11-547C5.1	ABTB2	0.381493397	1.17E-16
RP11-547C5.1	KCNQ3	0.30973368	3.25E-11
RP11-547C5.1	ANXA1	0.56587797	1.58E-38
RP11-547C5.1	S100A11	0.462372762	1.23E-24
RP11-547C5.1	CEACAM6	0.230560104	1.05E-06
RP11-547C5.1	IER5L	0.541923532	7.11E-35
RP11-547C5.1	KRT80	0.261361457	2.74E-08
RP11-547C5.1	CDH6	0.325423925	2.75E-12
RP11-547C5.1	UNC5B	0.358249236	9.69E-15
RP11-547C5.1	PLEKHN1	0.459009269	2.92E-24
RP11-547C5.1	SYTL1	0.457739994	4.03E-24
RP11-547C5.1	TMEM163	0.287028791	9.00E-10
RP11-547C5.1	C4orf48	0.476865682	2.62E-26
RP11-547C5.1	B3GNT7	0.500101328	3.69E-29
RP11-547C5.1	BAIAP3	0.488978286	9.10E-28
RP11-547C5.1	PHLDA2	0.539232142	1.75E-34
RP11-547C5.1	GAP43	0.380094176	1.55E-16
RP11-547C5.1	S100A1	0.401231158	2.07E-18
RP11-547C5.1	PTPRE	0.348290596	5.77E-14
RP11-547C5.1	CCND1	0.368017571	1.58E-15
RP11-547C5.1	ST6GALNAC5	0.27359403	5.62E-09
RP11-547C5.1	KRT17	0.273428365	5.75E-09
RP11-547C5.1	HPCAL4	0.512058537	1.03E-30
RP11-547C5.1	GABBR2	0.460618001	1.93E-24
RP11-547C5.1	DIRAS3	0.537038016	3.64E-34
RP11-547C5.1	SERINC2	0.451897698	1.77E-23
RP11-547C5.1	PTCHD4	0.38109093	1.27E-16
RP11-547C5.1	EPS8	0.503885736	1.21E-29
RP11-547C5.1	LY6E	0.498192449	6.46E-29
RP11-547C5.1	UPP1	0.387985658	3.20E-17
RP11-547C5.1	AHNAK2	0.313726844	1.75E-11
RP11-547C5.1	PLXNC1	0.486528575	1.81E-27
RP11-547C5.1	TNC	0.322024812	4.75E-12
RP11-547C5.1	DUSP4	0.457726087	4.05E-24
RP11-547C5.1	NRCAM	0.421197825	2.63E-20
RP11-547C5.1	NRP2	0.500423046	3.36E-29
RP11-547C5.1	CTSC	0.384899606	5.96E-17
RP11-547C5.1	AMIGO2	0.524701188	2.00E-32
RP11-547C5.1	NAB2	0.535958196	5.21E-34
RP11-547C5.1	TBC1D2	0.320902276	5.68E-12
RP11-547C5.1	PHLDA3	0.394252985	8.91E-18
RP11-547C5.1	PTP4A3	0.397051237	4.98E-18
RP11-547C5.1	CRABP2	0.421477963	2.47E-20
RP11-547C5.1	GOS2	0.578226435	1.57E-40
RP11-547C5.1	S100A6	0.422695439	1.87E-20
RP11-547C5.1	FOXQ1	0.24195549	2.87E-07
RP11-547C5.1	LRG1	0.491864098	4.01E-28
RP11-547C5.1	LAMP5	0.339213238	2.78E-13
RP11-547C5.1	ALDH3B1	0.300078309	1.38E-10
RP11-547C5.1	CDH2	0.368096049	1.56E-15
RP11-547C5.1	SCG5	0.489548495	7.75E-28

RP11-547C5.1	ZCCHC16	0.625822864	4.17E-49
RP11-547C5.1	GRB7	0.477145961	2.42E-26
RP11-547C5.1	TIAM1	0.359810427	7.28E-15
RP11-547C5.1	FXD5	0.511848931	1.10E-30
RP11-547C5.1	CLDN9	0.47440774	5.09E-26
RP11-547C5.1	FAM43A	0.55200436	2.24E-36
RP11-547C5.1	CHST2	0.477330023	2.31E-26
RP11-547C5.1	HMGA2	0.552844204	1.67E-36
RP11-547C5.1	GALNT7	0.527796607	7.45E-33
RP11-547C5.1	CBLN1	0.359669791	7.47E-15
RP11-547C5.1	STRA6	0.405620686	8.14E-19
RP11-547C5.1	MUC21	0.437129497	6.51E-22
RP11-547C5.1	PRR36	0.513892911	5.88E-31
RP11-547C5.1	NFE2L3	0.231421248	9.50E-07
RP11-547C5.1	NR1D1	0.244785104	2.06E-07
RP11-547C5.1	MUC1	0.203632448	1.71E-05
RP11-547C5.1	NAT8L	0.584346598	1.49E-41
RP11-547C5.1	APOC1	0.457419979	4.38E-24
RP11-547C5.1	EVA1A	0.389636538	2.29E-17
RP11-547C5.1	ENTPD1	0.46570035	5.15E-25
RP11-547C5.1	COL1A1	0.243899847	2.29E-07
RP11-547C5.1	FNDC4	0.405897985	7.67E-19
RP11-547C5.1	FRMD3	0.462687526	1.13E-24
RP11-547C5.1	SHROOM4	0.43281132	1.81E-21
RP11-547C5.1	NELL2	0.560586156	1.08E-37
RP11-547C5.1	EPHB3	0.38504975	5.78E-17
RP11-547C5.1	TMC6	0.486003353	2.10E-27
RP11-547C5.1	NOD1	0.486655588	1.75E-27
RP11-547C5.1	GGCT	0.569829127	3.70E-39
RP11-547C5.1	ICAM1	0.267683279	1.22E-08
RP11-547C5.1	PRSS23	0.483395266	4.35E-27
RP11-547C5.1	CFI	0.342872479	1.48E-13
RP11-547C5.1	CD55	0.274671244	4.87E-09
RP11-547C5.1	RASD2	0.497364241	8.22E-29
RP11-547C5.1	KLK11	0.372189643	7.17E-16
RP11-547C5.1	ICAM5	0.479475188	1.28E-26
RP11-547C5.1	ADORA1	0.533556735	1.15E-33
RP11-547C5.1	ITGA2	0.23674925	5.23E-07
RP11-547C5.1	ABCC3	0.489954368	6.90E-28
RP11-547C5.1	MFGE8	0.549090875	6.16E-36
RP11-547C5.1	STK32A	0.45225163	1.62E-23
RP11-547C5.1	CYSLTR2	0.43437322	1.25E-21
RP11-547C5.1	LAD1	0.48051215	9.65E-27
RP11-547C5.1	MGAT3	0.213581864	6.35E-06
RP11-547C5.1	IGFBP6	0.60998782	4.32E-46
RP11-547C5.1	CYP2S1	0.233804118	7.29E-07
RP11-547C5.1	KCNJ2	0.48834521	1.09E-27
RP11-547C5.1	FAM20A	0.368776099	1.37E-15
RP11-547C5.1	TGFA	0.575074535	5.20E-40
RP11-547C5.1	MXRA8	0.467439359	3.26E-25
RP11-547C5.1	C8orf4	0.342607952	1.55E-13

RP11-547C5.1	CLDN10	0.452577936	1.49E-23
RP11-547C5.1	PDE5A	0.518952129	1.23E-31
RP11-547C5.1	APOE	0.535249196	6.58E-34
RP11-547C5.1	SPOCK2	0.309772139	3.23E-11
RP11-547C5.1	TENM1	0.524189164	2.36E-32
RP11-547C5.1	SLIT1	0.475622519	3.67E-26
RP11-547C5.1	CXCL14	0.265855575	1.54E-08
RP11-547C5.1	ECM1	0.424567562	1.22E-20
RP11-547C5.1	DUSP5	0.395671269	6.64E-18
RP11-547C5.1	SEZ6L2	0.239636481	3.76E-07
RP11-547C5.1	THRSP	0.54270803	5.46E-35
RP11-547C5.1	C19orf33	0.365611143	2.49E-15
RP11-547C5.1	MPZL2	0.506855561	4.98E-30
RP11-547C5.1	CTSH	0.574267331	7.05E-40
RP11-547C5.1	CYP1B1	0.517918715	1.69E-31
RP11-547C5.1	ALOX5	0.206725312	1.26E-05
RP11-547C5.1	SYTL5	0.423159298	1.69E-20
RP11-547C5.1	TNFRSF12A	0.591265309	9.74E-43
RP11-547C5.1	DUSP6	0.530773953	2.85E-33
RP11-547C5.1	ALOX15B	0.354139278	2.04E-14
RP11-547C5.1	SDC4	0.622539647	1.82E-48
RP11-547C5.1	MDK	0.441327977	2.38E-22
RP11-547C5.1	KRT19	0.336862582	4.14E-13
RP11-547C5.1	MET	0.404524545	1.03E-18
RP11-547C5.1	TESC	0.669709011	1.91E-58
RP11-547C5.1	CXCL17	0.397980288	4.11E-18
RP11-547C5.1	NPC2	0.687745229	9.11E-63
RP11-547C5.1	COMP	0.331756249	9.73E-13
RP11-547C5.1	TUSC3	0.506980729	4.80E-30
RP11-547C5.1	TMPRSS4	0.318491449	8.32E-12
RP11-547C5.1	LGALS3	0.494338645	1.97E-28
RP11-547C5.1	CRLF1	0.344292891	1.16E-13
RP11-547C5.1	CTXN1	0.497484584	7.93E-29
RP11-547C5.1	PCSK1N	0.349913235	4.33E-14
RP11-547C5.1	NMU	0.293793284	3.45E-10
RP11-547C5.1	GALE	0.618799941	9.53E-48
RP11-547C5.1	PCSK2	0.236842629	5.17E-07
RP11-547C5.1	GJB3	0.563315863	4.02E-38
RP11-547C5.1	SLPI	0.35371737	2.20E-14
RP11-547C5.1	AGR2	0.415343466	9.76E-20
RP11-547C5.1	MRC2	0.459262727	2.73E-24
RP11-547C5.1	GOLT1A	0.622988378	1.49E-48
RP11-547C5.1	SLC27A6	0.301814774	1.07E-10
RP11-547C5.1	KCNN4	0.401193693	2.09E-18
RP11-547C5.1	ETV4	0.457725606	4.05E-24
RP11-547C5.1	SYT12	0.558994312	1.90E-37
RP11-547C5.1	PVRL4	0.409870145	3.25E-19
RP11-547C5.1	PLCD3	0.531473445	2.27E-33
RP11-547C5.1	PLAU	0.478685156	1.59E-26
RP11-547C5.1	LRRK2	0.545538637	2.09E-35
RP11-547C5.1	SFN	0.333683293	7.06E-13

RP11-547C5.1	LPAR5	0.50709057	4.64E-30
RP11-547C5.1	NGEF	0.391652846	1.52E-17
RP11-547C5.1	DTX4	0.378589988	2.08E-16
RP11-547C5.1	CST6	0.492710613	3.15E-28
RP11-547C5.1	QPCT	0.589284905	2.14E-42
RP11-547C5.1	TIMP1	0.619106049	8.33E-48
RP11-547C5.1	CAMK2N1	0.557505639	3.23E-37
RP11-547C5.1	KLHDC8A	0.393284284	1.09E-17
RP11-547C5.1	PDLIM4	0.511650252	1.17E-30
RP11-547C5.1	SCEL	0.486062247	2.07E-27
RP11-547C5.1	LCN2	0.303383191	8.47E-11
RP11-547C5.1	PROS1	0.432191867	2.09E-21
RP11-547C5.1	GABRB2	0.442820624	1.66E-22
RP11-547C5.1	TMPRSS6	0.321912558	4.83E-12
RP11-547C5.1	KLK7	0.408467289	4.41E-19
RP11-547C5.1	PDZK1IP1	0.459863163	2.34E-24
RP11-547C5.1	CDH3	0.463900887	8.24E-25
RP11-547C5.1	LRP4	0.580827284	5.82E-41
RP11-547C5.1	IGSF1	0.29102536	5.12E-10
RP11-547C5.1	B3GNT3	0.303965463	7.76E-11
RP11-547C5.1	CLDN1	0.475137601	4.18E-26
RP11-547C5.1	GDF15	0.374592	4.52E-16
RP11-547C5.1	ARHGAP36	0.329578995	1.39E-12
RP11-547C5.1	LAMB3	0.447279547	5.56E-23
RP11-547C5.1	KLK10	0.399450853	3.02E-18
RP11-547C5.1	DPP4	0.396326768	5.80E-18
RP11-547C5.1	METTL7B	0.670763571	1.09E-58
RP11-547C5.1	LIPH	0.477382531	2.27E-26
RP11-547C5.1	CLDN16	0.535749867	5.58E-34
RP11-547C5.1	CHI3L1	0.466280919	4.42E-25
RP11-547C5.1	SLC22A31	0.5391298	1.82E-34
RP11-547C5.1	TACSTD2	0.473841646	5.93E-26
RP11-547C5.1	SFTPB	0.290822566	5.27E-10
RP11-547C5.1	RXRG	0.596102715	1.39E-43
RP11-547C5.1	DCSTAMP	0.446302743	7.07E-23
RP11-547C5.1	CITED1	0.624577667	7.31E-49
RP11-547C5.1	SERPINA1	0.4616859	1.46E-24
RP11-547C5.1	PRR15	0.657158603	1.29E-55
RP11-547C5.1	SLC34A2	0.337374748	3.80E-13
RP11-547C5.1	FN1	0.322535701	4.37E-12
RP11-547C5.1	ZCCHC12	0.469360017	1.96E-25
RP11-259K15.2	TFF3	-0.368620888	1.41E-15
RP11-259K15.2	CCL21	-0.251055083	9.78E-08
RP11-259K15.2	TPO	-0.463584751	8.94E-25
RP11-259K15.2	MT1G	-0.414029905	1.31E-19
RP11-259K15.2	DIO1	-0.443533874	1.39E-22
RP11-259K15.2	DPT	-0.229384133	1.19E-06
RP11-259K15.2	CDH16	-0.397614455	4.43E-18
RP11-259K15.2	CRABP1	-0.357339558	1.14E-14
RP11-259K15.2	SLC26A7	-0.499563585	4.33E-29
RP11-259K15.2	MT1H	-0.389623974	2.30E-17

RP11-259K15.2	SLC26A4	-0.38831618	3.00E-17
RP11-259K15.2	SLC5A8	-0.55623861	5.07E-37
RP11-259K15.2	PKHD1L1	-0.464104536	7.81E-25
RP11-259K15.2	TFCP2L1	-0.626480518	3.10E-49
RP11-259K15.2	WSCD2	-0.399855567	2.77E-18
RP11-259K15.2	IPCEF1	-0.444276675	1.16E-22
RP11-259K15.2	SLC5A5	-0.322725111	4.24E-12
RP11-259K15.2	MT1F	-0.364455912	3.09E-15
RP11-259K15.2	FOSB	-0.226258813	1.67E-06
RP11-259K15.2	SEMA3D	-0.483160634	4.64E-27
RP11-259K15.2	BMP8A	-0.389374001	2.42E-17
RP11-259K15.2	MATN2	-0.54210579	6.69E-35
RP11-259K15.2	PLA2R1	-0.518797835	1.29E-31
RP11-259K15.2	COL23A1	-0.421017016	2.74E-20
RP11-259K15.2	HGD	-0.482227754	6.01E-27
RP11-259K15.2	TCEAL2	-0.340518625	2.22E-13
RP11-259K15.2	CHRD1	-0.294025344	3.33E-10
RP11-259K15.2	TNFRSF11B	-0.585190877	1.07E-41
RP11-259K15.2	FAM167A	-0.459821458	2.37E-24
RP11-259K15.2	KIT	-0.403119722	1.39E-18
RP11-259K15.2	SLC4A4	-0.603880898	5.67E-45
RP11-259K15.2	SMOC2	-0.271243524	7.67E-09
RP11-259K15.2	FHL1	-0.492797953	3.07E-28
RP11-259K15.2	OTOS	-0.328352758	1.70E-12
RP11-259K15.2	IGFBPL1	-0.560604623	1.07E-37
RP11-259K15.2	HBB	-0.285316747	1.14E-09
RP11-259K15.2	BEX1	-0.287186657	8.81E-10
RP11-259K15.2	FABP4	-0.40675542	6.38E-19
RP11-259K15.2	LMOD1	-0.342278824	1.64E-13
RP11-259K15.2	SOD3	-0.442483215	1.80E-22
RP11-259K15.2	TMEM171	-0.466414757	4.27E-25
RP11-259K15.2	PI16	-0.209113823	9.97E-06
RP11-259K15.2	ZMAT4	-0.450048256	2.80E-23
RP11-259K15.2	MFAP4	-0.140307281	0.003219457
RP11-259K15.2	CWH43	-0.522631144	3.87E-32
RP11-259K15.2	SPX	-0.486336279	1.92E-27
RP11-259K15.2	APOD	-0.074969862	0.116759232
RP11-259K15.2	DPP6	-0.40955466	3.48E-19
RP11-259K15.2	MMRN1	-0.396717336	5.34E-18
RP11-259K15.2	WDR72	-0.584984433	1.16E-41
RP11-259K15.2	MPPED2	-0.459661111	2.47E-24
RP11-259K15.2	PAPSS2	-0.408305926	4.56E-19
RP11-259K15.2	DCN	-0.149387056	0.001696919
RP11-259K15.2	SORBS2	-0.502294021	1.94E-29
RP11-259K15.2	EGR2	-0.220669933	3.04E-06
RP11-259K15.2	EDN3	-0.215251362	5.35E-06
RP11-259K15.2	DIO2	-0.526736176	1.05E-32
RP11-259K15.2	ITPR1	-0.468699895	2.34E-25
RP11-259K15.2	CFD	-0.156083684	0.001033944
RP11-259K15.2	CPXM1	-0.223074782	2.36E-06
RP11-259K15.2	ELMO1	-0.413103993	1.60E-19

RP11-259K15.2	GPC3	-0.34936963	4.77E-14
RP11-259K15.2	MYOC	-0.101450603	0.033582339
RP11-259K15.2	DEPTOR	-0.507992682	3.54E-30
RP11-259K15.2	DGKI	-0.505418267	7.66E-30
RP11-259K15.2	CARTPT	-0.322239495	4.59E-12
RP11-259K15.2	IYD	-0.515717345	3.35E-31
RP11-259K15.2	LYVE1	-0.245811984	1.83E-07
RP11-259K15.2	CLCNKB	-0.370234427	1.04E-15
RP11-259K15.2	NCAM1	-0.579618167	9.25E-41
RP11-259K15.2	HBA2	-0.174212243	0.000244618
RP11-259K15.2	GLT8D2	-0.318221189	8.69E-12
RP11-259K15.2	OGDHL	-0.593651178	3.75E-43
RP11-259K15.2	LIFR	-0.506086391	6.27E-30
RP11-259K15.2	CSGALNACT1	-0.481333116	7.70E-27
RP11-259K15.2	RAP1GAP	-0.543317505	4.44E-35
RP11-259K15.2	COL9A3	-0.311844404	2.35E-11
RP11-259K15.2	FBLN1	-0.180295921	0.000145858
RP11-259K15.2	EFEMP1	-0.39955039	2.95E-18
RP11-259K15.2	AOX1	-0.415554386	9.32E-20
RP11-259K15.2	GRIN2C	-0.376387961	3.19E-16
RP11-259K15.2	C11orf74	-0.317424916	9.85E-12
RP11-259K15.2	PPARGC1A	-0.660989919	1.83E-56
RP11-259K15.2	ANGPTL1	-0.355555702	1.58E-14
RP11-259K15.2	SCARA5	-0.240168655	3.53E-07
RP11-259K15.2	LTF	-0.350252341	4.08E-14
RP11-259K15.2	CA4	-0.290536953	5.49E-10
RP11-259K15.2	TG	-0.416925936	6.87E-20
RP11-259K15.2	FCGBP	-0.396755348	5.30E-18
RP11-259K15.2	PBX4	-0.219934578	3.29E-06
RP11-259K15.2	CYR61	-0.257510994	4.43E-08
RP11-259K15.2	FOS	-0.27965787	2.49E-09
RP11-259K15.2	KHDRBS2	-0.397181781	4.85E-18
RP11-259K15.2	MUM1L1	-0.413430289	1.49E-19
RP11-259K15.2	RGS16	-0.406533316	6.69E-19
RP11-259K15.2	MT1M	-0.355588963	1.57E-14
RP11-259K15.2	LRP2	-0.542079337	6.75E-35
RP11-259K15.2	MAFB	-0.408200328	4.67E-19
RP11-259K15.2	KCNK2	-0.491173493	4.88E-28
RP11-259K15.2	TBC1D4	-0.450709556	2.38E-23
RP11-259K15.2	MIOX	-0.288404197	7.42E-10
RP11-259K15.2	TPPP	-0.482592559	5.44E-27
RP11-259K15.2	FMOD	-0.523686039	2.77E-32
RP11-259K15.2	CITED2	-0.543482248	4.20E-35
RP11-259K15.2	RGS8	-0.407650434	5.26E-19
RP11-259K15.2	ABI3BP	-0.433446629	1.56E-21
RP11-259K15.2	ADH1B	-0.240850857	3.27E-07
RP11-259K15.2	OGN	-0.214662677	5.68E-06
RP11-259K15.2	NR4A1	-0.172323823	0.00028622
RP11-259K15.2	FOXJ1	-0.267505313	1.25E-08
RP11-259K15.2	ALDH1A1	-0.363570919	3.64E-15
RP11-259K15.2	OCA2	-0.302134354	1.02E-10

RP11-259K15.2	TMEM139	-0.283071678	1.56E-09
RP11-259K15.2	ARHGAP24	-0.446139564	7.36E-23
RP11-259K15.2	SLC25A15	-0.647739494	1.41E-53
RP11-259K15.2	DES	-0.224057721	2.12E-06
RP11-259K15.2	GDF10	-0.319528019	7.07E-12
RP11-259K15.2	KIAA1324	-0.366900545	1.95E-15
RP11-259K15.2	JUN	-0.272725793	6.31E-09
RP11-259K15.2	C7	-0.072011565	0.131948001
RP11-259K15.2	LGI3	-0.460068041	2.22E-24
RP11-259K15.2	CDON	-0.53698086	3.71E-34
RP11-259K15.2	BCL2	-0.58988058	1.69E-42
RP11-259K15.2	HLF	-0.432066483	2.16E-21
RP11-259K15.2	EGR1	-0.306987688	4.93E-11
RP11-259K15.2	IP6K3	-0.473845533	5.92E-26
RP11-259K15.2	SCUBE3	-0.326414908	2.34E-12
RP11-259K15.2	PKNOX2	-0.252176642	8.54E-08
RP11-259K15.2	SMAD9	-0.551456687	2.71E-36
RP11-259K15.2	IQGAP2	-0.62319245	1.36E-48
RP11-259K15.2	GNA14	-0.48085633	8.78E-27
RP11-259K15.2	LAYN	-0.277275219	3.44E-09
RP11-259K15.2	AVPR1A	-0.400274895	2.54E-18
RP11-259K15.2	PDLIM3	-0.39095811	1.75E-17
RP11-259K15.2	GPM6A	-0.536570525	4.25E-34
RP11-259K15.2	SDPR	-0.286201881	1.01E-09
RP11-259K15.2	CRYAB	-0.417768661	5.69E-20
RP11-259K15.2	FOXA2	-0.172917117	0.000272487
RP11-259K15.2	C8orf88	-0.489007214	9.03E-28
RP11-259K15.2	ISM1	-0.333594136	7.17E-13
RP11-259K15.2	BMP2	-0.310603755	2.84E-11
RP11-259K15.2	ID4	-0.397322625	4.71E-18
RP11-259K15.2	NUPR1	-0.50288073	1.63E-29
RP11-259K15.2	SERTM1	-0.662543769	8.19E-57
RP11-259K15.2	IRS1	-0.484810537	2.94E-27
RP11-259K15.2	FIBIN	-0.447831184	4.85E-23
RP11-259K15.2	PODN	-0.177692501	0.000182359
RP11-259K15.2	TDRD9	-0.464860647	6.41E-25
RP11-259K15.2	EPHA3	-0.278523102	2.90E-09
RP11-259K15.2	AIF1L	-0.474279201	5.27E-26
RP11-259K15.2	EBF4	-0.383429678	7.99E-17
RP11-259K15.2	ADM2	-0.513181156	7.32E-31
RP11-259K15.2	GSTM3	-0.423487109	1.57E-20
RP11-259K15.2	HSD17B6	-0.174754202	0.000233766
RP11-259K15.2	AGR3	-0.278747159	2.82E-09
RP11-259K15.2	EPHB1	-0.635322362	5.33E-51
RP11-259K15.2	TMOD1	-0.373879925	5.18E-16
RP11-259K15.2	WASF3	-0.60434584	4.67E-45
RP11-259K15.2	SELV	-0.434123306	1.33E-21
RP11-259K15.2	ENPP1	-0.464143873	7.73E-25
RP11-259K15.2	SYNE1	-0.477908759	1.97E-26
RP11-259K15.2	PLCH1	-0.405790586	7.85E-19
RP11-259K15.2	CCDC146	-0.362493737	4.44E-15

RP11-259K15.2	SLC16A2	-0.325053413	2.92E-12
RP11-259K15.2	IER2	-0.212648901	6.98E-06
RP11-259K15.2	KCNAB1	-0.219815719	3.33E-06
RP11-259K15.2	SYNDIG1	-0.418639329	4.68E-20
RP11-259K15.2	C16orf89	-0.257364973	4.52E-08
RP11-259K15.2	CTGF	-0.216539919	4.68E-06
RP11-259K15.2	NR4A3	-0.14329352	0.00261836
RP11-259K15.2	KIAA1456	-0.55733229	3.44E-37
RP11-259K15.2	AQP4	-0.401274634	2.05E-18
RP11-259K15.2	RNF150	-0.455120549	7.85E-24
RP11-259K15.2	C1S	-0.118936396	0.012640272
RP11-259K15.2	PFKFB2	-0.659115045	4.78E-56
RP11-259K15.2	PROX1	-0.445940921	7.73E-23
RP11-259K15.2	TCF7L1	-0.333068984	7.82E-13
RP11-259K15.2	HSPB6	-0.186127484	8.74E-05
RP11-259K15.2	FHDC1	-0.380445496	1.44E-16
RP11-259K15.2	PRR15L	-0.386454355	4.36E-17
RP11-259K15.2	SLC1A1	-0.559642179	1.51E-37
RP11-259K15.2	BTBD11	-0.351582348	3.22E-14
RP11-259K15.2	TRIM58	-0.593766208	3.58E-43
RP11-259K15.2	LRIG1	-0.576407825	3.14E-40
RP11-259K15.2	ROR2	-0.352885405	2.55E-14
RP11-259K15.2	GPR125	-0.493918821	2.23E-28
RP11-259K15.2	FLRT1	-0.377533721	2.55E-16
RP11-259K15.2	PGF	-0.28704872	8.98E-10
RP11-259K15.2	DUSP1	-0.26798666	1.17E-08
RP11-259K15.2	PLA2G7	-0.329719429	1.36E-12
RP11-259K15.2	PLSCR4	-0.485788362	2.23E-27
RP11-259K15.2	FAM46B	-0.420588029	3.02E-20
RP11-259K15.2	GLDC	-0.427011337	6.98E-21
RP11-259K15.2	ZBTB16	-0.488199381	1.13E-27
RP11-259K15.2	OMD	-0.171013043	0.000318884
RP11-259K15.2	HSD11B2	-0.186948508	8.13E-05
RP11-259K15.2	FGL2	-0.193254446	4.58E-05
RP11-259K15.2	CLCNKA	-0.35055936	3.86E-14
RP11-259K15.2	GATM	-0.471883571	1.00E-25
RP11-259K15.2	TNS3	-0.539908236	1.40E-34
RP11-259K15.2	TOB1	-0.363673538	3.57E-15
RP11-259K15.2	MARC2	-0.499421322	4.51E-29
RP11-259K15.2	LRRC2	-0.617925469	1.40E-47
RP11-259K15.2	SORD	-0.383030548	8.65E-17
RP11-259K15.2	RIMS4	-0.368735138	1.38E-15
RP11-259K15.2	SLC29A4	-0.299179908	1.58E-10
RP11-259K15.2	SLC39A14	-0.646131131	3.09E-53
RP11-259K15.2	FAXDC2	-0.474879952	4.48E-26
RP11-259K15.2	HSPB8	-0.390102973	2.09E-17
RP11-259K15.2	CCL19	0.033217233	0.48756583
RP11-259K15.2	KCNIP3	-0.377381742	2.63E-16
RP11-259K15.2	CGNL1	-0.45579307	6.62E-24
RP11-259K15.2	ATF3	-0.098925587	0.038275121
RP11-259K15.2	SGCD	-0.464811926	6.50E-25

RP11-259K15.2	STARD13	-0.51873954	1.31E-31
RP11-259K15.2	LDHD	-0.374141331	4.93E-16
RP11-259K15.2	RCAN1	-0.378397864	2.16E-16
RP11-259K15.2	ID3	-0.398042307	4.05E-18
RP11-259K15.2	SYTL3	-0.441232353	2.43E-22
RP11-259K15.2	MT1E	-0.246334441	1.72E-07
RP11-259K15.2	CAMK1D	-0.431364247	2.54E-21
RP11-259K15.2	PRKCQ	-0.470594059	1.41E-25
RP11-259K15.2	NUAK2	-0.401798722	1.84E-18
RP11-259K15.2	LIPG	-0.372800332	6.37E-16
RP11-259K15.2	SLC25A25	-0.464758595	6.59E-25
RP11-259K15.2	PRKX	-0.384883296	5.98E-17
RP11-259K15.2	SRPX	-0.150366867	0.00158021
RP11-259K15.2	FAM189A1	-0.324320683	3.28E-12
RP11-259K15.2	PLEKHH1	-0.409974498	3.18E-19
RP11-259K15.2	WNT11	-0.26062978	3.00E-08
RP11-259K15.2	SNAI1	-0.316201003	1.19E-11
RP11-259K15.2	FDCSP	-0.031526236	0.510005917
RP11-259K15.2	MT1X	-0.213917492	6.13E-06
RP11-259K15.2	ACACB	-0.5678971	7.55E-39
RP11-259K15.2	ARC	0.002470732	0.958831429
RP11-259K15.2	KLK4	-0.4298798	3.59E-21
RP11-259K15.2	ZFPM2	-0.351391151	3.33E-14
RP11-259K15.2	AKAP12	-0.4516749	1.87E-23
RP11-259K15.2	GJB6	-0.380070674	1.55E-16
RP11-259K15.2	ERO1LB	-0.477026302	2.50E-26
RP11-259K15.2	DNALI1	-0.160409078	0.00074292
RP11-259K15.2	HKDC1	-0.472936074	7.56E-26
RP11-259K15.2	ZFP36L2	-0.478105825	1.87E-26
RP11-259K15.2	CAPSL	-0.233693851	7.38E-07
RP11-259K15.2	CYP7B1	-0.518050779	1.63E-31
RP11-259K15.2	CPQ	-0.334508135	6.15E-13
RP11-259K15.2	RPS6KA6	-0.458618269	3.22E-24
RP11-259K15.2	TLE1	-0.503739199	1.26E-29
RP11-259K15.2	TP53INP2	-0.389641152	2.29E-17
RP11-259K15.2	KATNAL2	-0.488630495	1.00E-27
RP11-259K15.2	SGPP2	-0.407387531	5.56E-19
RP11-259K15.2	CTH	-0.498796104	5.41E-29
RP11-259K15.2	KIF12	-0.216396309	4.75E-06
RP11-259K15.2	TMEM220	-0.417137132	6.55E-20
RP11-259K15.2	CENPJ	-0.406980245	6.08E-19
RP11-259K15.2	FAM155B	-0.128826203	0.006876145
RP11-259K15.2	WFS1	-0.466774314	3.88E-25
RP11-259K15.2	SELENBP1	-0.17695204	0.000194208
RP11-259K15.2	SNTA1	-0.451649582	1.88E-23
RP11-259K15.2	FRAS1	-0.511515704	1.22E-30
RP11-259K15.2	FBLN7	-0.47665171	2.77E-26
RP11-259K15.2	AGPAT9	-0.470986097	1.27E-25
RP11-259K15.2	GPR83	-0.300380205	1.32E-10
RP11-259K15.2	PRTG	-0.523737881	2.72E-32
RP11-259K15.2	EGR3	-0.030117343	0.529105506

RP11-259K15.2	GRAMD2	-0.426936943	7.10E-21
RP11-259K15.2	HYOU1	-0.552118712	2.15E-36
RP11-259K15.2	FBLN5	-0.226664892	1.60E-06
RP11-259K15.2	ITM2A	-0.356834718	1.25E-14
RP11-259K15.2	SRF	-0.242647314	2.65E-07
RP11-259K15.2	FGFR2	-0.403944221	1.17E-18
RP11-259K15.2	MT1A	-0.196147859	3.50E-05
RP11-259K15.2	MAMDC2	-0.212401963	7.16E-06
RP11-259K15.2	FHL2	-0.317444135	9.82E-12
RP11-259K15.2	FTCDNL1	-0.602164243	1.16E-44
RP11-259K15.2	PKIA	-0.222073199	2.62E-06
RP11-259K15.2	DNAJB4	-0.39388967	9.60E-18
RP11-259K15.2	SLC25A33	-0.380985682	1.30E-16
RP11-259K15.2	EYA2	-0.423213576	1.67E-20
RP11-259K15.2	LPAR1	-0.4267205	7.47E-21
RP11-259K15.2	STX11	-0.470852415	1.32E-25
RP11-259K15.2	ARHGEF28	-0.635990485	3.90E-51
RP11-259K15.2	OR2W3	-0.495739585	1.32E-28
RP11-259K15.2	ALDH1B1	-0.637322111	2.09E-51
RP11-259K15.2	CXCL12	-0.190405718	5.95E-05
RP11-259K15.2	OLFM2	-0.128484021	0.007027366
RP11-259K15.2	TUB	-0.500170506	3.62E-29
RP11-259K15.2	HTRA3	-0.105030754	0.027774717
RP11-259K15.2	CKB	-0.240010916	3.60E-07
RP11-259K15.2	RGS2	-0.125296373	0.008585566
RP11-259K15.2	SHANK2	-0.426858933	7.23E-21
RP11-259K15.2	CNTFR	-0.339837448	2.50E-13
RP11-259K15.2	CYTH3	-0.40263627	1.54E-18
RP11-259K15.2	PLAC9	-0.029120582	0.542833737
RP11-259K15.2	WVOX	-0.419279369	4.06E-20
RP11-259K15.2	NPR3	-0.33312657	7.75E-13
RP11-259K15.2	SDC2	-0.328818693	1.58E-12
RP11-259K15.2	KLF15	-0.416249515	7.98E-20
RP11-259K15.2	TMEM164	-0.570871567	2.51E-39
RP11-259K15.2	LONRF3	-0.283693137	1.43E-09
RP11-259K15.2	GBP1	-0.1465462	0.002081398
RP11-259K15.2	ARHGAP6	-0.495258544	1.51E-28
RP11-259K15.2	TMEM119	-0.116841958	0.014304421
RP11-259K15.2	SH3RF1	-0.566590497	1.22E-38
RP11-259K15.2	CRELD2	-0.222241205	2.57E-06
RP11-259K15.2	PCP4	-0.085385105	0.073908252
RP11-259K15.2	GCSH	-0.369472691	1.20E-15
RP11-259K15.2	IMPA2	-0.450359289	2.59E-23
RP11-259K15.2	C1R	-0.053924706	0.259553448
RP11-259K15.2	SUCNR1	-0.227356703	1.48E-06
RP11-259K15.2	SFRP1	-0.28821143	7.63E-10
RP11-259K15.2	UGT8	-0.606576655	1.83E-45
RP11-259K15.2	TLE4	-0.209443453	9.64E-06
RP11-259K15.2	ANTXR1	-0.394986639	7.65E-18
RP11-259K15.2	GPX3	-0.446706203	6.40E-23
RP11-259K15.2	DPY19L2	-0.339337193	2.72E-13

RP11-259K15.2	FAM46C	-0.4017144	1.87E-18
RP11-259K15.2	IL33	-0.237459912	4.82E-07
RP11-259K15.2	PEG3	-0.520470166	7.64E-32
RP11-259K15.2	FAHD2A	-0.409702242	3.37E-19
RP11-259K15.2	PTGDS	-0.021864975	0.647764087
RP11-259K15.2	CHCHD10	-0.318610107	8.17E-12
RP11-259K15.2	CD36	-0.401310447	2.04E-18
RP11-259K15.2	ANKRD37	-0.164137055	0.000555021
RP11-259K15.2	TSPAN33	-0.320048548	6.51E-12
RP11-259K15.2	PRDM16	-0.389193443	2.51E-17
RP11-259K15.2	UST	-0.286626258	9.52E-10
RP11-259K15.2	NEXN	-0.375448077	3.83E-16
RP11-259K15.2	NUPR1L	-0.140001813	0.003287526
RP11-259K15.2	SLC24A3	-0.570918657	2.47E-39
RP11-259K15.2	MARC1	-0.341165828	1.99E-13
RP11-259K15.2	MYH11	-0.197852238	2.98E-05
RP11-259K15.2	APOA1	-0.199000417	2.67E-05
RP11-259K15.2	TMEM178B	-0.331121915	1.08E-12
RP11-259K15.2	CAPN6	-0.184735696	9.89E-05
RP11-259K15.2	PPM1L	-0.544459435	3.01E-35
RP11-259K15.2	FZD8	-0.462337932	1.24E-24
RP11-259K15.2	RCAN2	-0.361767814	5.08E-15
RP11-259K15.2	COPZ2	-0.421648971	2.38E-20
RP11-259K15.2	GAS1	-0.313396315	1.85E-11
RP11-259K15.2	DACT1	-0.404153502	1.11E-18
RP11-259K15.2	WBSCR17	-0.226163994	1.69E-06
RP11-259K15.2	NCS1	-0.383193306	8.37E-17
RP11-259K15.2	SPIRE2	-0.252290324	8.42E-08
RP11-259K15.2	C15orf52	-0.52489513	1.88E-32
RP11-259K15.2	SPAG5	-0.324459896	3.21E-12
RP11-259K15.2	ARL4D	-0.351635607	3.19E-14
RP11-259K15.2	FAM189A2	-0.112235088	0.018656803
RP11-259K15.2	MAP1LC3A	-0.231956268	8.95E-07
RP11-259K15.2	KLF6	-0.148530927	0.001805309
RP11-259K15.2	ADD3	-0.356896418	1.24E-14
RP11-259K15.2	TSPAN7	-0.160343833	0.00074668
RP11-259K15.2	KLF9	-0.316189301	1.20E-11
RP11-259K15.2	KCNQ1	-0.418796271	4.52E-20
RP11-259K15.2	MAN1A1	-0.290668262	5.39E-10
RP11-259K15.2	MLF1	-0.264603631	1.81E-08
RP11-259K15.2	RARB	-0.409000148	3.92E-19
RP11-259K15.2	CDC42EP2	-0.139518666	0.003397859
RP11-259K15.2	FAM3B	-0.209017658	1.01E-05
RP11-259K15.2	GADD45B	-0.178880032	0.000164759
RP11-259K15.2	TMEM47	-0.313813742	1.73E-11
RP11-259K15.2	SDF2L1	-0.116777847	0.014358265
RP11-259K15.2	CCDC85A	-0.533646198	1.11E-33
RP11-259K15.2	CRYBG3	-0.549098148	6.15E-36
RP11-259K15.2	FBLN2	-0.146695413	0.002059371
RP11-259K15.2	PEBP4	-0.1531573	0.001286998
RP11-259K15.2	CDADC1	-0.414988086	1.06E-19

RP11-259K15.2	FAM63A	-0.475065758	4.26E-26
RP11-259K15.2	GLUL	-0.380655273	1.38E-16
RP11-259K15.2	FREM2	-0.567199191	9.76E-39
RP11-259K15.2	ACKR3	-0.293673365	3.51E-10
RP11-259K15.2	DENND6A	-0.587743307	3.94E-42
RP11-259K15.2	CLDN8	-0.356366727	1.36E-14
RP11-259K15.2	UTS2R	-0.217799963	4.11E-06
RP11-259K15.2	SCNN1B	-0.210256676	8.89E-06
RP11-259K15.2	TTC30A	-0.566626949	1.20E-38
RP11-259K15.2	CORO2B	-0.275113338	4.59E-09
RP11-259K15.2	TC2N	-0.548825112	6.76E-36
RP11-259K15.2	ALDH2	-0.352944339	2.53E-14
RP11-259K15.2	GPR183	-0.074790438	0.117639647
RP11-259K15.2	C4orf47	-0.157788212	0.000908566
RP11-259K15.2	SLC25A42	-0.294026327	3.33E-10
RP11-259K15.2	LGMN	-0.542810153	5.27E-35
RP11-259K15.2	ACSF2	-0.426792978	7.34E-21
RP11-259K15.2	KIAA1467	-0.611610738	2.16E-46
RP11-259K15.2	PRKG1	-0.345187407	9.93E-14
RP11-259K15.2	GNAI1	-0.422914087	1.78E-20
RP11-259K15.2	ABCC4	-0.507034572	4.72E-30
RP11-259K15.2	PRPS1	-0.541259235	8.89E-35
RP11-259K15.2	TSPAN5	-0.437507356	5.95E-22
RP11-259K15.2	CR2	-0.206639149	1.27E-05
RP11-259K15.2	CCDC170	-0.477542802	2.18E-26
RP11-259K15.2	RRAD	0.002086921	0.965222276
RP11-259K15.2	SCGB2A1	-0.275252764	4.51E-09
RP11-259K15.2	SESN3	-0.337576285	3.67E-13
RP11-259K15.2	SGK223	-0.281653873	1.90E-09
RP11-259K15.2	NDRG2	-0.414932912	1.07E-19
RP11-259K15.2	C3orf52	-0.396120201	6.05E-18
RP11-259K15.2	FLRT3	0.185330927	9.39E-05
RP11-259K15.2	MST1R	0.470573634	1.42E-25
RP11-259K15.2	SDC1	0.042894812	0.369934308
RP11-259K15.2	ST8SIA4	0.164620223	0.000534194
RP11-259K15.2	UBTD1	0.64501232	5.31E-53
RP11-259K15.2	EPHA2	0.269682252	9.41E-09
RP11-259K15.2	TMEM130	0.517810791	1.75E-31
RP11-259K15.2	SPINK2	0.368144315	1.55E-15
RP11-259K15.2	MMP16	0.301758082	1.08E-10
RP11-259K15.2	SIGLEC15	0.45857088	3.26E-24
RP11-259K15.2	RIN1	0.711558333	5.59E-69
RP11-259K15.2	IL1RN	0.141294964	0.003008034
RP11-259K15.2	FCER1G	0.322151567	4.65E-12
RP11-259K15.2	CD276	0.544957284	2.54E-35
RP11-259K15.2	CTSB	0.328733945	1.60E-12
RP11-259K15.2	FAM171A2	0.367603703	1.71E-15
RP11-259K15.2	ASPHD1	0.491775591	4.11E-28
RP11-259K15.2	C15orf48	0.264797735	1.77E-08
RP11-259K15.2	DYSF	0.357324057	1.15E-14
RP11-259K15.2	PDZRN4	0.400655373	2.34E-18

RP11-259K15.2	EFHD2	0.502443801	1.85E-29
RP11-259K15.2	ASF1B	0.258616969	3.86E-08
RP11-259K15.2	AQP1	0.307743822	4.39E-11
RP11-259K15.2	ARRDC2	0.53758849	3.03E-34
RP11-259K15.2	PRSS1	0.492409422	3.43E-28
RP11-259K15.2	MAPK13	0.363085552	3.98E-15
RP11-259K15.2	CST5	0.448312937	4.31E-23
RP11-259K15.2	AHR	0.202882989	1.84E-05
RP11-259K15.2	BAX	0.453865149	1.08E-23
RP11-259K15.2	C1orf115	0.387178292	3.77E-17
RP11-259K15.2	PLK3	0.414714199	1.12E-19
RP11-259K15.2	JAG2	0.414534846	1.17E-19
RP11-259K15.2	RAD23B	0.375600268	3.72E-16
RP11-259K15.2	CA12	0.128390976	0.007068997
RP11-259K15.2	ADTRP	0.449997534	2.84E-23
RP11-259K15.2	UCP2	0.547952813	9.12E-36
RP11-259K15.2	IGFBP2	0.288247882	7.59E-10
RP11-259K15.2	LOXL2	0.343444371	1.34E-13
RP11-259K15.2	GPX1	0.422998835	1.75E-20
RP11-259K15.2	P3H3	0.596359346	1.25E-43
RP11-259K15.2	C2orf81	0.713939991	1.23E-69
RP11-259K15.2	CDT1	0.292715468	4.02E-10
RP11-259K15.2	SNX25	0.432251581	2.06E-21
RP11-259K15.2	MTHFD1L	0.242904322	2.57E-07
RP11-259K15.2	CDC42BPG	0.343575795	1.31E-13
RP11-259K15.2	MSN	0.226629291	1.61E-06
RP11-259K15.2	SIGLEC6	0.426515859	7.83E-21
RP11-259K15.2	F2R	0.132591766	0.005394513
RP11-259K15.2	TMEM184A	0.444366458	1.14E-22
RP11-259K15.2	CKS2	0.27489037	4.73E-09
RP11-259K15.2	TAX1BP3	0.571528769	1.97E-39
RP11-259K15.2	PMEPA1	0.479231799	1.37E-26
RP11-259K15.2	CXCL16	0.336674413	4.27E-13
RP11-259K15.2	FAXC	0.396700173	5.36E-18
RP11-259K15.2	VTCN1	0.264832113	1.76E-08
RP11-259K15.2	SH2D4A	0.413022578	1.63E-19
RP11-259K15.2	RNF24	0.239320027	3.90E-07
RP11-259K15.2	LY6G6C	0.415734616	8.95E-20
RP11-259K15.2	NID1	0.220354416	3.14E-06
RP11-259K15.2	STAC	0.347788417	6.30E-14
RP11-259K15.2	RAB34	0.737907702	1.23E-76
RP11-259K15.2	HES4	0.441506454	2.28E-22
RP11-259K15.2	EPHA10	0.478129582	1.85E-26
RP11-259K15.2	ENTPD2	0.570284007	3.12E-39
RP11-259K15.2	DDB2	0.428416872	5.05E-21
RP11-259K15.2	NKAIN4	0.362933006	4.10E-15
RP11-259K15.2	TRIM29	0.342515976	1.58E-13
RP11-259K15.2	ADCY8	0.475459511	3.83E-26
RP11-259K15.2	SFTA2	0.317419739	9.86E-12
RP11-259K15.2	NRIP1	0.29349075	3.60E-10
RP11-259K15.2	VWA1	0.524823219	1.93E-32

RP11-259K15.2	APLNR	0.238623323	4.22E-07
RP11-259K15.2	REN	0.669928545	1.70E-58
RP11-259K15.2	EDIL3	0.270128401	8.88E-09
RP11-259K15.2	AGRN	0.293666983	3.51E-10
RP11-259K15.2	TREM1	0.442297976	1.88E-22
RP11-259K15.2	SRL	0.220522281	3.09E-06
RP11-259K15.2	RASGRF1	0.601944537	1.27E-44
RP11-259K15.2	RMI2	0.506663455	5.28E-30
RP11-259K15.2	SAMD1	0.636776476	2.70E-51
RP11-259K15.2	MGAT4B	0.364372015	3.14E-15
RP11-259K15.2	NXN	0.484982585	2.80E-27
RP11-259K15.2	SH3BGRL3	0.55683508	4.10E-37
RP11-259K15.2	CA11	0.61947036	7.09E-48
RP11-259K15.2	PLD3	0.52905266	4.97E-33
RP11-259K15.2	LURAP1L	0.138606228	0.003615435
RP11-259K15.2	CARNS1	0.368128359	1.55E-15
RP11-259K15.2	PDLIM7	0.637931598	1.57E-51
RP11-259K15.2	BCL2L1	0.489983408	6.85E-28
RP11-259K15.2	GGT6	0.360165196	6.83E-15
RP11-259K15.2	DPYSL3	0.305186144	6.46E-11
RP11-259K15.2	FYN	0.503155185	1.50E-29
RP11-259K15.2	TK1	0.284048794	1.36E-09
RP11-259K15.2	AK1	0.507665464	3.90E-30
RP11-259K15.2	HIGD1B	0.401257826	2.06E-18
RP11-259K15.2	TMEM59L	0.385944521	4.83E-17
RP11-259K15.2	MEGF9	0.132396882	0.005463502
RP11-259K15.2	ZFP36L1	0.278857271	2.78E-09
RP11-259K15.2	ADRA1B	0.452683362	1.45E-23
RP11-259K15.2	EPHA4	0.284298143	1.32E-09
RP11-259K15.2	TCERG1L	0.394565595	8.35E-18
RP11-259K15.2	NGFR	0.443360052	1.45E-22
RP11-259K15.2	EBI3	0.435699216	9.15E-22
RP11-259K15.2	S100A10	0.407673758	5.23E-19
RP11-259K15.2	S100B	0.398946803	3.35E-18
RP11-259K15.2	CD44	0.42428083	1.31E-20
RP11-259K15.2	BHLHE41	0.336210535	4.62E-13
RP11-259K15.2	FBX02	0.619625671	6.62E-48
RP11-259K15.2	SLC30A2	-0.010446731	0.827222481
RP11-259K15.2	FRMD5	0.242128544	2.82E-07
RP11-259K15.2	SAMD11	0.342504062	1.58E-13
RP11-259K15.2	SIPA1L2	0.382708082	9.22E-17
RP11-259K15.2	S100A16	0.476560651	2.84E-26
RP11-259K15.2	PPL	0.206831167	1.25E-05
RP11-259K15.2	ARHGDIB	0.384221626	6.82E-17
RP11-259K15.2	CDC42EP3	0.281542886	1.92E-09
RP11-259K15.2	RUNX2	0.556213408	5.11E-37
RP11-259K15.2	LAMC2	0.178542672	0.00016959
RP11-259K15.2	BRINP1	0.435145484	1.04E-21
RP11-259K15.2	GPRC5B	0.300691538	1.26E-10
RP11-259K15.2	AQP5	0.489906674	7.00E-28
RP11-259K15.2	PLAG1	0.419730056	3.67E-20

RP11-259K15.2	PTPRU	0.290013612	5.91E-10
RP11-259K15.2	ANGPTL4	0.390965911	1.75E-17
RP11-259K15.2	PALM3	0.442510519	1.79E-22
RP11-259K15.2	ACP5	0.361068841	5.78E-15
RP11-259K15.2	DLG4	0.519494397	1.04E-31
RP11-259K15.2	ETNK2	0.630218423	5.65E-50
RP11-259K15.2	CD109	0.456108161	6.11E-24
RP11-259K15.2	SNX22	0.538392565	2.32E-34
RP11-259K15.2	TMEM98	0.484283967	3.40E-27
RP11-259K15.2	CTHRC1	0.373257473	5.84E-16
RP11-259K15.2	S100A2	0.373735677	5.33E-16
RP11-259K15.2	C11orf80	0.588577522	2.83E-42
RP11-259K15.2	SREBF1	0.495197625	1.54E-28
RP11-259K15.2	PRSS22	0.45322674	1.27E-23
RP11-259K15.2	CMTM3	0.527085166	9.36E-33
RP11-259K15.2	RDH5	0.528585874	5.78E-33
RP11-259K15.2	MYH10	0.271261183	7.65E-09
RP11-259K15.2	EVPL	0.445271379	9.11E-23
RP11-259K15.2	SCD	0.157891682	0.000901427
RP11-259K15.2	CD151	0.680136159	6.61E-61
RP11-259K15.2	S100A4	0.449125094	3.52E-23
RP11-259K15.2	BNIP1	0.575593396	4.28E-40
RP11-259K15.2	MAP3K6	0.489732002	7.35E-28
RP11-259K15.2	MANEAL	0.331407008	1.03E-12
RP11-259K15.2	CD207	0.430425874	3.16E-21
RP11-259K15.2	CD1A	0.430540626	3.08E-21
RP11-259K15.2	C3	0.292990703	3.87E-10
RP11-259K15.2	NT5E	0.346451035	7.97E-14
RP11-259K15.2	CACNG4	0.378921086	1.95E-16
RP11-259K15.2	FHOD1	0.540291693	1.23E-34
RP11-259K15.2	LEMD1	0.513452561	6.73E-31
RP11-259K15.2	ATP11A	0.36517538	2.70E-15
RP11-259K15.2	PPAP2C	0.455700592	6.77E-24
RP11-259K15.2	DRAM1	0.40575456	7.91E-19
RP11-259K15.2	CDA	0.43796705	5.33E-22
RP11-259K15.2	CCND2	0.468499763	2.46E-25
RP11-259K15.2	LCN6	0.526482306	1.14E-32
RP11-259K15.2	CDH4	0.33007076	1.29E-12
RP11-259K15.2	MMP11	0.467845043	2.93E-25
RP11-259K15.2	B3GAT1	0.256216731	5.20E-08
RP11-259K15.2	SPP1	0.171603149	0.000303771
RP11-259K15.2	HLA-DQB1	0.206988323	1.23E-05
RP11-259K15.2	SDC3	0.570304644	3.10E-39
RP11-259K15.2	CX3CL1	0.340218356	2.34E-13
RP11-259K15.2	SDK1	0.524128075	2.41E-32
RP11-259K15.2	DOCK9	0.261117629	2.82E-08
RP11-259K15.2	CSF2	0.567952855	7.39E-39
RP11-259K15.2	GRHL3	0.457042159	4.82E-24
RP11-259K15.2	TMEM92	0.556565525	4.51E-37
RP11-259K15.2	BASP1	0.520625974	7.27E-32
RP11-259K15.2	HRH1	0.434792664	1.13E-21

RP11-259K15.2	ESM1	0.216642042	4.63E-06
RP11-259K15.2	B4GALNT3	0.308813416	3.73E-11
RP11-259K15.2	LMO3	0.377460391	2.59E-16
RP11-259K15.2	C9orf16	0.514396842	5.04E-31
RP11-259K15.2	SEMA3F	0.45863194	3.21E-24
RP11-259K15.2	PLA2G12B	0.492758434	3.10E-28
RP11-259K15.2	KLK6	0.533888767	1.03E-33
RP11-259K15.2	ST3GAL5	0.569566736	4.08E-39
RP11-259K15.2	FAM132B	0.187765703	7.55E-05
RP11-259K15.2	CDKN1A	0.120949136	0.011204421
RP11-259K15.2	E2F1	0.286644413	9.50E-10
RP11-259K15.2	B3GNT8	0.524317144	2.27E-32
RP11-259K15.2	MTMR11	0.52213654	4.52E-32
RP11-259K15.2	MYO1G	0.376912332	2.88E-16
RP11-259K15.2	TMSB10	0.628937917	1.02E-49
RP11-259K15.2	UNC5CL	0.462190067	1.28E-24
RP11-259K15.2	ABR	0.319613534	6.97E-12
RP11-259K15.2	PLP2	0.56662624	1.20E-38
RP11-259K15.2	SRCIN1	0.323508027	3.74E-12
RP11-259K15.2	PDE9A	0.52358342	2.86E-32
RP11-259K15.2	TREM2	0.345746529	9.01E-14
RP11-259K15.2	KDELR3	0.392519453	1.27E-17
RP11-259K15.2	PC	0.485588017	2.36E-27
RP11-259K15.2	C2CD4A	0.281038371	2.06E-09
RP11-259K15.2	PELI1	0.402779809	1.49E-18
RP11-259K15.2	SSX1	0.314081176	1.66E-11
RP11-259K15.2	MROH6	0.583936185	1.75E-41
RP11-259K15.2	ESPN	0.638581212	1.15E-51
RP11-259K15.2	BMP1	0.582718017	2.80E-41
RP11-259K15.2	TM4SF4	0.452180941	1.64E-23
RP11-259K15.2	CORO2A	0.390477211	1.93E-17
RP11-259K15.2	CD164L2	0.533178367	1.30E-33
RP11-259K15.2	CTSS	0.234150276	7.01E-07
RP11-259K15.2	CLU	0.564849942	2.30E-38
RP11-259K15.2	TMSB4X	0.527298348	8.74E-33
RP11-259K15.2	WNT10A	0.511881662	1.09E-30
RP11-259K15.2	NAPSA	0.503925999	1.19E-29
RP11-259K15.2	PLEKHA4	0.536392803	4.51E-34
RP11-259K15.2	SFTPA1	0.333874045	6.84E-13
RP11-259K15.2	C1orf116	0.43477614	1.14E-21
RP11-259K15.2	TM4SF1	0.329437599	1.43E-12
RP11-259K15.2	SEL1L3	0.300413324	1.32E-10
RP11-259K15.2	VASN	0.577069424	2.45E-40
RP11-259K15.2	NPTXR	0.346633508	7.72E-14
RP11-259K15.2	PDE4C	0.355538469	1.58E-14
RP11-259K15.2	CDC42EP1	0.603992666	5.41E-45
RP11-259K15.2	ENDOD1	0.373721848	5.34E-16
RP11-259K15.2	RYR1	0.547078742	1.23E-35
RP11-259K15.2	IL1RAP	0.372661048	6.55E-16
RP11-259K15.2	SLC35F2	0.434983734	1.08E-21
RP11-259K15.2	ISYNA1	0.762798062	9.06E-85

RP11-259K15.2	HLA-G	0.292914962	3.91E-10
RP11-259K15.2	CDKN2B	0.298619297	1.71E-10
RP11-259K15.2	ALDH1A3	0.225312475	1.85E-06
RP11-259K15.2	CLIP3	0.485737868	2.27E-27
RP11-259K15.2	ULBP2	0.36437166	3.14E-15
RP11-259K15.2	ETHE1	0.477031905	2.50E-26
RP11-259K15.2	XPR1	0.389576403	2.32E-17
RP11-259K15.2	SPTBN2	0.295738727	2.60E-10
RP11-259K15.2	IVL	0.463513408	9.11E-25
RP11-259K15.2	MARCO	0.300197873	1.36E-10
RP11-259K15.2	PLXND1	0.483698321	4.00E-27
RP11-259K15.2	EMILIN2	0.401282789	2.05E-18
RP11-259K15.2	PLAUR	0.447952313	4.71E-23
RP11-259K15.2	CDC42EP5	0.606308866	2.05E-45
RP11-259K15.2	TRPC5	0.450199944	2.70E-23
RP11-259K15.2	TMEM100	0.471303245	1.17E-25
RP11-259K15.2	QSOX1	0.541448942	8.34E-35
RP11-259K15.2	ARHGAP23	0.417855111	5.58E-20
RP11-259K15.2	MDFI	0.489269258	8.38E-28
RP11-259K15.2	FSTL3	0.494910972	1.67E-28
RP11-259K15.2	INF2	0.56483739	2.31E-38
RP11-259K15.2	TGFBR1	0.455204942	7.68E-24
RP11-259K15.2	TGFBI	0.379545113	1.72E-16
RP11-259K15.2	ERBB3	0.395477821	6.91E-18
RP11-259K15.2	CCL18	0.202040973	2.00E-05
RP11-259K15.2	CCL17	0.426906109	7.15E-21
RP11-259K15.2	C16orf45	0.536951996	3.75E-34
RP11-259K15.2	PRDM1	0.350510626	3.90E-14
RP11-259K15.2	TRIM47	0.471413168	1.14E-25
RP11-259K15.2	CNFN	0.50643141	5.66E-30
RP11-259K15.2	ARMCX3	0.46496894	6.23E-25
RP11-259K15.2	RAMP1	0.583753216	1.88E-41
RP11-259K15.2	GABRD	0.447970397	4.69E-23
RP11-259K15.2	COL13A1	0.603575381	6.44E-45
RP11-259K15.2	S100A5	0.580676484	6.16E-41
RP11-259K15.2	MISP	0.335608011	5.11E-13
RP11-259K15.2	HES6	0.31818885	8.73E-12
RP11-259K15.2	PSD3	0.271358838	7.55E-09
RP11-259K15.2	DOK7	0.461242382	1.64E-24
RP11-259K15.2	ZMAT3	0.179935655	0.000150464
RP11-259K15.2	MFAP2	0.571689825	1.85E-39
RP11-259K15.2	TMEM79	0.598910641	4.43E-44
RP11-259K15.2	SLC1A5	0.429162013	4.25E-21
RP11-259K15.2	BBC3	0.498418392	6.04E-29
RP11-259K15.2	HLA-DQB2	0.346224521	8.29E-14
RP11-259K15.2	C1QL1	0.539386276	1.67E-34
RP11-259K15.2	TMEM215	0.344058782	1.21E-13
RP11-259K15.2	PNP	0.414059195	1.30E-19
RP11-259K15.2	ARNTL	0.50537756	7.75E-30
RP11-259K15.2	CLDN2	0.500828896	2.98E-29
RP11-259K15.2	MVP	0.538469228	2.26E-34

RP11-259K15.2	LGALS1	0.577357708	2.19E-40
RP11-259K15.2	BIRC7	0.430813799	2.89E-21
RP11-259K15.2	COL8A1	0.386661437	4.19E-17
RP11-259K15.2	PERP	0.278702952	2.83E-09
RP11-259K15.2	GJA4	0.44908779	3.56E-23
RP11-259K15.2	IGFL2	0.566902205	1.09E-38
RP11-259K15.2	DAPK2	0.4171216	6.57E-20
RP11-259K15.2	MAMLD1	0.50386742	1.22E-29
RP11-259K15.2	ETV5	0.385211223	5.60E-17
RP11-259K15.2	RUNX1	0.363013357	4.04E-15
RP11-259K15.2	LONRF2	0.392748094	1.21E-17
RP11-259K15.2	SPOCK1	0.352861577	2.56E-14
RP11-259K15.2	XKRX	0.452288274	1.60E-23
RP11-259K15.2	TGFB1	0.526464487	1.14E-32
RP11-259K15.2	ERP27	0.3208617	5.72E-12
RP11-259K15.2	TNFRSF10C	0.229675527	1.15E-06
RP11-259K15.2	PALM	0.577082119	2.43E-40
RP11-259K15.2	TSC22D1	0.606082707	2.26E-45
RP11-259K15.2	TGM2	0.212971368	6.75E-06
RP11-259K15.2	UBE2QL1	0.49968209	4.18E-29
RP11-259K15.2	ECE1	0.584849758	1.22E-41
RP11-259K15.2	COL8A2	0.498907304	5.24E-29
RP11-259K15.2	HIST3H2A	0.337016525	4.03E-13
RP11-259K15.2	TNFRSF21	0.323247968	3.90E-12
RP11-259K15.2	SOX4	0.430434221	3.16E-21
RP11-259K15.2	ELF3	0.385042366	5.79E-17
RP11-259K15.2	TPD52L1	0.431354673	2.55E-21
RP11-259K15.2	INHBB	0.505789313	6.85E-30
RP11-259K15.2	HPN	0.426353567	8.12E-21
RP11-259K15.2	MMP7	0.240029831	3.59E-07
RP11-259K15.2	RAB27A	0.375868766	3.53E-16
RP11-259K15.2	IGF2BP2	0.493005532	2.89E-28
RP11-259K15.2	ITGB4	0.476410587	2.96E-26
RP11-259K15.2	PPP1R1B	0.661949731	1.11E-56
RP11-259K15.2	NPDC1	0.579837234	8.51E-41
RP11-259K15.2	CCL13	0.424602915	1.21E-20
RP11-259K15.2	SPINT1	0.454435405	9.33E-24
RP11-259K15.2	HEY2	0.565841384	1.60E-38
RP11-259K15.2	CST2	0.357447096	1.12E-14
RP11-259K15.2	ADM	0.267116914	1.31E-08
RP11-259K15.2	VSTM2L	0.276696949	3.71E-09
RP11-259K15.2	FAM84A	0.439280462	3.89E-22
RP11-259K15.2	P4HA2	0.440223253	3.10E-22
RP11-259K15.2	LPL	0.450714095	2.37E-23
RP11-259K15.2	TMEM173	0.535292359	6.49E-34
RP11-259K15.2	DHRS3	0.609966208	4.36E-46
RP11-259K15.2	SCN1B	0.510520149	1.65E-30
RP11-259K15.2	GLT1D1	0.338304335	3.24E-13
RP11-259K15.2	PHYHIP	0.523944325	2.55E-32
RP11-259K15.2	BHLHE40	0.331039153	1.10E-12
RP11-259K15.2	BID	0.62161983	2.74E-48

RP11-259K15.2	POSTN	0.231730038	9.18E-07
RP11-259K15.2	ITGA3	0.411138768	2.46E-19
RP11-259K15.2	RSPO4	0.527862434	7.29E-33
RP11-259K15.2	ADAMTS9	0.49190984	3.96E-28
RP11-259K15.2	ABTB2	0.415916907	8.60E-20
RP11-259K15.2	KCNQ3	0.349086368	5.01E-14
RP11-259K15.2	ANXA1	0.494934375	1.66E-28
RP11-259K15.2	S100A11	0.590666925	1.24E-42
RP11-259K15.2	CEACAM6	0.2959804	2.51E-10
RP11-259K15.2	IER5L	0.477561879	2.17E-26
RP11-259K15.2	KRT80	0.263204053	2.17E-08
RP11-259K15.2	CDH6	0.426779646	7.36E-21
RP11-259K15.2	UNC5B	0.302284794	9.97E-11
RP11-259K15.2	PLEKHN1	0.574651527	6.10E-40
RP11-259K15.2	SYTL1	0.589647329	1.85E-42
RP11-259K15.2	TMEM163	0.50143541	2.50E-29
RP11-259K15.2	C4orf48	0.491723821	4.17E-28
RP11-259K15.2	B3GNT7	0.533157143	1.31E-33
RP11-259K15.2	BAIAP3	0.575950116	3.74E-40
RP11-259K15.2	PHLDA2	0.537715434	2.91E-34
RP11-259K15.2	GAP43	0.576660798	2.86E-40
RP11-259K15.2	S100A1	0.325283473	2.81E-12
RP11-259K15.2	PTPRE	0.432440649	1.97E-21
RP11-259K15.2	CCND1	0.325016181	2.93E-12
RP11-259K15.2	ST6GALNAC5	0.338569385	3.10E-13
RP11-259K15.2	KRT17	0.390697838	1.85E-17
RP11-259K15.2	HPCAL4	0.590242123	1.46E-42
RP11-259K15.2	GABBR2	0.526261376	1.22E-32
RP11-259K15.2	DIRAS3	0.552580037	1.83E-36
RP11-259K15.2	SERINC2	0.317861632	9.19E-12
RP11-259K15.2	PTCHD4	0.310855232	2.73E-11
RP11-259K15.2	EPS8	0.344246814	1.17E-13
RP11-259K15.2	LY6E	0.606446023	1.94E-45
RP11-259K15.2	UPP1	0.438856369	4.31E-22
RP11-259K15.2	AHNAK2	0.284819253	1.23E-09
RP11-259K15.2	PLXNC1	0.458661088	3.19E-24
RP11-259K15.2	TNC	0.222903655	2.40E-06
RP11-259K15.2	DUSP4	0.442691219	1.71E-22
RP11-259K15.2	NRCAM	0.331495585	1.02E-12
RP11-259K15.2	NRP2	0.59670713	1.09E-43
RP11-259K15.2	CTSC	0.544169449	3.33E-35
RP11-259K15.2	AMIGO2	0.568648057	5.72E-39
RP11-259K15.2	NAB2	0.544984233	2.52E-35
RP11-259K15.2	TBC1D2	0.377335504	2.65E-16
RP11-259K15.2	PHLDA3	0.471303457	1.17E-25
RP11-259K15.2	PTP4A3	0.584512541	1.40E-41
RP11-259K15.2	CRABP2	0.545329677	2.24E-35
RP11-259K15.2	GOS2	0.494994302	1.63E-28
RP11-259K15.2	S100A6	0.538303136	2.39E-34
RP11-259K15.2	FOXQ1	0.365112759	2.73E-15
RP11-259K15.2	LRG1	0.534676715	7.94E-34

RP11-259K15.2	LAMP5	0.524084531	2.44E-32
RP11-259K15.2	ALDH3B1	0.418218072	5.15E-20
RP11-259K15.2	CDH2	0.292325061	4.26E-10
RP11-259K15.2	SCG5	0.525270218	1.67E-32
RP11-259K15.2	ZCCHC16	0.520018188	8.80E-32
RP11-259K15.2	GRB7	0.541999767	6.93E-35
RP11-259K15.2	TIAM1	0.439126639	4.04E-22
RP11-259K15.2	FXYD5	0.628035833	1.53E-49
RP11-259K15.2	CLDN9	0.447108099	5.80E-23
RP11-259K15.2	FAM43A	0.445690295	8.22E-23
RP11-259K15.2	CHST2	0.54302837	4.90E-35
RP11-259K15.2	HMGA2	0.568128508	6.93E-39
RP11-259K15.2	GALNT7	0.391436455	1.59E-17
RP11-259K15.2	CBLN1	0.425691471	9.46E-21
RP11-259K15.2	STRA6	0.551472076	2.70E-36
RP11-259K15.2	MUC21	0.377541004	2.55E-16
RP11-259K15.2	PRR36	0.622935015	1.52E-48
RP11-259K15.2	NFE2L3	0.468387499	2.54E-25
RP11-259K15.2	NR1D1	0.259958962	3.27E-08
RP11-259K15.2	MUC1	0.270842338	8.08E-09
RP11-259K15.2	NAT8L	0.518745781	1.31E-31
RP11-259K15.2	APOC1	0.501710928	2.30E-29
RP11-259K15.2	EVA1A	0.492803556	3.06E-28
RP11-259K15.2	ENTPD1	0.285739421	1.08E-09
RP11-259K15.2	COL1A1	0.398435196	3.73E-18
RP11-259K15.2	FNDC4	0.502355223	1.90E-29
RP11-259K15.2	FRMD3	0.370970278	9.04E-16
RP11-259K15.2	SHROOM4	0.487353606	1.44E-27
RP11-259K15.2	NELL2	0.48272085	5.25E-27
RP11-259K15.2	EPHB3	0.500479427	3.31E-29
RP11-259K15.2	TMC6	0.504091381	1.14E-29
RP11-259K15.2	NOD1	0.583054668	2.46E-41
RP11-259K15.2	GGCT	0.618981589	8.80E-48
RP11-259K15.2	ICAM1	0.372700053	6.50E-16
RP11-259K15.2	PRSS23	0.492948443	2.94E-28
RP11-259K15.2	CFI	0.564236851	2.88E-38
RP11-259K15.2	CD55	0.335618081	5.11E-13
RP11-259K15.2	RASD2	0.537444313	3.18E-34
RP11-259K15.2	KLK11	0.500595869	3.20E-29
RP11-259K15.2	ICAM5	0.589058421	2.34E-42
RP11-259K15.2	ADORA1	0.494716513	1.77E-28
RP11-259K15.2	ITGA2	0.337032127	4.02E-13
RP11-259K15.2	ABCC3	0.428127524	5.40E-21
RP11-259K15.2	MFGE8	0.501250383	2.64E-29
RP11-259K15.2	STK32A	0.297144262	2.12E-10
RP11-259K15.2	CYSLTR2	0.529344632	4.52E-33
RP11-259K15.2	LAD1	0.459980315	2.27E-24
RP11-259K15.2	MGAT3	0.343705068	1.28E-13
RP11-259K15.2	IGFBP6	0.701145502	3.46E-66
RP11-259K15.2	CYP2S1	0.40260152	1.55E-18
RP11-259K15.2	KCNJ2	0.60231069	1.09E-44

RP11-259K15.2	FAM20A	0.578276884	1.54E-40
RP11-259K15.2	TGFA	0.493163751	2.76E-28
RP11-259K15.2	MXRA8	0.690926632	1.46E-63
RP11-259K15.2	C8orf4	0.370251944	1.04E-15
RP11-259K15.2	CLDN10	0.581784296	4.02E-41
RP11-259K15.2	PDE5A	0.391653679	1.52E-17
RP11-259K15.2	APOE	0.524656844	2.03E-32
RP11-259K15.2	SPOCK2	0.289813338	6.08E-10
RP11-259K15.2	TENM1	0.534953794	7.25E-34
RP11-259K15.2	SLIT1	0.507360727	4.28E-30
RP11-259K15.2	CXCL14	0.508185226	3.34E-30
RP11-259K15.2	ECM1	0.47285012	7.74E-26
RP11-259K15.2	DUSP5	0.392429812	1.30E-17
RP11-259K15.2	SEZ6L2	0.406470766	6.78E-19
RP11-259K15.2	THRSP	0.214261235	5.92E-06
RP11-259K15.2	C19orf33	0.4612399	1.64E-24
RP11-259K15.2	MPZL2	0.486894763	1.64E-27
RP11-259K15.2	CTSH	0.587011427	5.25E-42
RP11-259K15.2	CYP1B1	0.389300884	2.45E-17
RP11-259K15.2	ALOX5	0.307327033	4.68E-11
RP11-259K15.2	SYTL5	0.493180648	2.75E-28
RP11-259K15.2	TNFRSF12A	0.566320084	1.35E-38
RP11-259K15.2	DUSP6	0.506746785	5.15E-30
RP11-259K15.2	ALOX15B	0.385588085	5.19E-17
RP11-259K15.2	SDC4	0.661722933	1.25E-56
RP11-259K15.2	MDK	0.69824011	1.98E-65
RP11-259K15.2	KRT19	0.431693877	2.35E-21
RP11-259K15.2	MET	0.360538795	6.37E-15
RP11-259K15.2	TESC	0.630233174	5.61E-50
RP11-259K15.2	CXCL17	0.372431569	6.84E-16
RP11-259K15.2	NPC2	0.714966467	6.40E-70
RP11-259K15.2	COMP	0.470854897	1.32E-25
RP11-259K15.2	TUSC3	0.596770461	1.06E-43
RP11-259K15.2	TMPRSS4	0.453067173	1.32E-23
RP11-259K15.2	LGALS3	0.509732031	2.09E-30
RP11-259K15.2	CRLF1	0.380477409	1.43E-16
RP11-259K15.2	CTXN1	0.623775826	1.05E-48
RP11-259K15.2	PCSK1N	0.467340315	3.35E-25
RP11-259K15.2	NMU	0.346563135	7.81E-14
RP11-259K15.2	GALE	0.63980328	6.46E-52
RP11-259K15.2	PCSK2	0.277363016	3.40E-09
RP11-259K15.2	GJB3	0.595292305	1.93E-43
RP11-259K15.2	SLPI	0.298791842	1.67E-10
RP11-259K15.2	AGR2	0.28050634	2.22E-09
RP11-259K15.2	MRC2	0.524385438	2.22E-32
RP11-259K15.2	GOLT1A	0.676963901	3.80E-60
RP11-259K15.2	SLC27A6	0.402313711	1.65E-18
RP11-259K15.2	KCNN4	0.568805354	5.40E-39
RP11-259K15.2	ETV4	0.548228351	8.30E-36
RP11-259K15.2	SYT12	0.624687626	6.96E-49
RP11-259K15.2	PVRL4	0.528709485	5.55E-33

RP11-259K15.2	PLCD3	0.423303217	1.63E-20
RP11-259K15.2	PLAU	0.472931109	7.57E-26
RP11-259K15.2	LRRK2	0.396339694	5.78E-18
RP11-259K15.2	SFN	0.462012061	1.35E-24
RP11-259K15.2	LPAR5	0.464167631	7.69E-25
RP11-259K15.2	NGEF	0.467996383	2.82E-25
RP11-259K15.2	DTX4	0.440001845	3.27E-22
RP11-259K15.2	CST6	0.669821337	1.80E-58
RP11-259K15.2	QPCT	0.613416254	9.94E-47
RP11-259K15.2	TIMP1	0.735149608	8.61E-76
RP11-259K15.2	CAMK2N1	0.59913829	4.03E-44
RP11-259K15.2	KLHDC8A	0.490945277	5.21E-28
RP11-259K15.2	PDLIM4	0.578195611	1.59E-40
RP11-259K15.2	SCEL	0.347913163	6.17E-14
RP11-259K15.2	LCN2	0.303760113	8.00E-11
RP11-259K15.2	PROS1	0.316822179	1.08E-11
RP11-259K15.2	GABRB2	0.46865245	2.37E-25
RP11-259K15.2	TMPRSS6	0.521527349	5.48E-32
RP11-259K15.2	KLK7	0.437939268	5.37E-22
RP11-259K15.2	PDZK1IP1	0.401780567	1.85E-18
RP11-259K15.2	CDH3	0.567803771	7.81E-39
RP11-259K15.2	LRP4	0.512740255	8.38E-31
RP11-259K15.2	IGSF1	0.411403153	2.33E-19
RP11-259K15.2	B3GNT3	0.302189409	1.01E-10
RP11-259K15.2	CLDN1	0.327762857	1.88E-12
RP11-259K15.2	GDF15	0.273537882	5.66E-09
RP11-259K15.2	ARHGAP36	0.402766701	1.50E-18
RP11-259K15.2	LAMB3	0.452140126	1.66E-23
RP11-259K15.2	KLK10	0.586561378	6.26E-42
RP11-259K15.2	DPP4	0.307222925	4.75E-11
RP11-259K15.2	METTL7B	0.594210229	2.99E-43
RP11-259K15.2	LIPH	0.501022734	2.82E-29
RP11-259K15.2	CLDN16	0.299168987	1.58E-10
RP11-259K15.2	CHI3L1	0.426245487	8.33E-21
RP11-259K15.2	SLC22A31	0.720164947	2.20E-71
RP11-259K15.2	TACSTD2	0.523485624	2.95E-32
RP11-259K15.2	SFTPB	0.462847127	1.08E-24
RP11-259K15.2	RXRG	0.660899285	1.91E-56
RP11-259K15.2	DCSTAMP	0.447495196	5.27E-23
RP11-259K15.2	CITED1	0.559991027	1.33E-37
RP11-259K15.2	SERPINA1	0.600838279	2.00E-44
RP11-259K15.2	PRR15	0.663855951	4.15E-57
RP11-259K15.2	SLC34A2	0.250408996	1.06E-07
RP11-259K15.2	FN1	0.323020674	4.05E-12
RP11-259K15.2	ZCCHC12	0.533752292	1.08E-33
RP11-20J15.3	TFF3	-0.405334951	8.65E-19
RP11-20J15.3	CCL21	-0.200424308	2.33E-05
RP11-20J15.3	TPO	-0.515720699	3.35E-31
RP11-20J15.3	MT1G	-0.529111976	4.87E-33
RP11-20J15.3	DIO1	-0.487777415	1.28E-27
RP11-20J15.3	DPT	-0.203203447	1.78E-05

RP11-20J15.3	CDH16	-0.463407951	9.37E-25
RP11-20J15.3	CRABP1	-0.370946601	9.09E-16
RP11-20J15.3	SLC26A7	-0.467047868	3.61E-25
RP11-20J15.3	MT1H	-0.517322407	2.04E-31
RP11-20J15.3	SLC26A4	-0.410992868	2.54E-19
RP11-20J15.3	SLC5A8	-0.576685082	2.83E-40
RP11-20J15.3	PKHD1L1	-0.442957911	1.60E-22
RP11-20J15.3	TFCP2L1	-0.574338073	6.87E-40
RP11-20J15.3	WSCD2	-0.43997201	3.30E-22
RP11-20J15.3	IPCEF1	-0.415426297	9.58E-20
RP11-20J15.3	SLC5A5	-0.346706571	7.62E-14
RP11-20J15.3	MT1F	-0.512175956	9.95E-31
RP11-20J15.3	FOSB	-0.161098989	0.000704223
RP11-20J15.3	SEMA3D	-0.47461182	4.82E-26
RP11-20J15.3	BMP8A	-0.428840338	4.57E-21
RP11-20J15.3	MATN2	-0.512435235	9.19E-31
RP11-20J15.3	PLA2R1	-0.430454596	3.14E-21
RP11-20J15.3	COL23A1	-0.482848404	5.07E-27
RP11-20J15.3	HGD	-0.569525866	4.14E-39
RP11-20J15.3	TCEAL2	-0.368435451	1.46E-15
RP11-20J15.3	CHRD1	-0.166411855	0.000463137
RP11-20J15.3	TNFRSF11B	-0.479377629	1.32E-26
RP11-20J15.3	FAM167A	-0.480091287	1.08E-26
RP11-20J15.3	KIT	-0.366441848	2.13E-15
RP11-20J15.3	SLC4A4	-0.583871996	1.79E-41
RP11-20J15.3	SMOC2	-0.22856308	1.30E-06
RP11-20J15.3	FHL1	-0.48815591	1.15E-27
RP11-20J15.3	OTOS	-0.549018792	6.32E-36
RP11-20J15.3	IGFBPL1	-0.528983333	5.08E-33
RP11-20J15.3	HBB	-0.246361688	1.71E-07
RP11-20J15.3	BEX1	-0.279405465	2.58E-09
RP11-20J15.3	FABP4	-0.386115324	4.67E-17
RP11-20J15.3	LMOD1	-0.35727096	1.16E-14
RP11-20J15.3	SOD3	-0.519829532	9.33E-32
RP11-20J15.3	TMEM171	-0.475018949	4.32E-26
RP11-20J15.3	PI16	-0.16027874	0.000750448
RP11-20J15.3	ZMAT4	-0.521046736	6.37E-32
RP11-20J15.3	MFAP4	-0.071164999	0.136563985
RP11-20J15.3	CWH43	-0.528056649	6.85E-33
RP11-20J15.3	SPX	-0.482800959	5.13E-27
RP11-20J15.3	APOD	-0.015078368	0.752728198
RP11-20J15.3	DPP6	-0.423397661	1.60E-20
RP11-20J15.3	MMRN1	-0.286534525	9.65E-10
RP11-20J15.3	WDR72	-0.465066321	6.08E-25
RP11-20J15.3	MPPED2	-0.490077956	6.67E-28
RP11-20J15.3	PAPSS2	-0.378377087	2.16E-16
RP11-20J15.3	DCN	-0.087919111	0.065706141
RP11-20J15.3	SORBS2	-0.538763127	2.05E-34
RP11-20J15.3	EGR2	-0.069480956	0.146114392
RP11-20J15.3	EDN3	-0.263662017	2.05E-08
RP11-20J15.3	DIO2	-0.488046553	1.18E-27

RP11-20J15.3	ITPR1	-0.513973681	5.74E-31
RP11-20J15.3	CFD	-0.197558011	3.06E-05
RP11-20J15.3	CPXM1	-0.248401389	1.34E-07
RP11-20J15.3	ELMO1	-0.499728894	4.12E-29
RP11-20J15.3	GPC3	-0.292009906	4.45E-10
RP11-20J15.3	MYOC	0.070548147	0.140004914
RP11-20J15.3	DEPTOR	-0.483274344	4.50E-27
RP11-20J15.3	DGKI	-0.428191075	5.32E-21
RP11-20J15.3	CARTPT	-0.420836769	2.86E-20
RP11-20J15.3	IYD	-0.536465919	4.40E-34
RP11-20J15.3	LYVE1	-0.213675697	6.29E-06
RP11-20J15.3	CLCNKB	-0.371403694	8.33E-16
RP11-20J15.3	NCAM1	-0.610624763	3.29E-46
RP11-20J15.3	HBA2	-0.183993905	0.000105639
RP11-20J15.3	GLT8D2	-0.357957172	1.02E-14
RP11-20J15.3	OGDHL	-0.644510419	6.77E-53
RP11-20J15.3	LIFR	-0.404228757	1.10E-18
RP11-20J15.3	CSGALNACT1	-0.397595137	4.45E-18
RP11-20J15.3	RAP1GAP	-0.522695935	3.79E-32
RP11-20J15.3	COL9A3	-0.370003895	1.09E-15
RP11-20J15.3	FBLN1	-0.141775482	0.002909809
RP11-20J15.3	EFEMP1	-0.287053084	8.97E-10
RP11-20J15.3	AOX1	-0.400126463	2.62E-18
RP11-20J15.3	GRIN2C	-0.490961606	5.19E-28
RP11-20J15.3	C11orf74	-0.414040753	1.30E-19
RP11-20J15.3	PPARGC1A	-0.672208961	5.01E-59
RP11-20J15.3	ANGPTL1	-0.279923599	2.40E-09
RP11-20J15.3	SCARA5	-0.180713331	0.000140687
RP11-20J15.3	LTF	-0.380190201	1.52E-16
RP11-20J15.3	CA4	-0.278557231	2.89E-09
RP11-20J15.3	TG	-0.374607388	4.50E-16
RP11-20J15.3	FCGBP	-0.413430707	1.49E-19
RP11-20J15.3	PBX4	-0.305653147	6.02E-11
RP11-20J15.3	CYR61	-0.197612264	3.05E-05
RP11-20J15.3	FOS	-0.224121141	2.11E-06
RP11-20J15.3	KHDRBS2	-0.376173137	3.33E-16
RP11-20J15.3	MUM1L1	-0.473110306	7.22E-26
RP11-20J15.3	RGS16	-0.458185478	3.60E-24
RP11-20J15.3	MT1M	-0.44178674	2.13E-22
RP11-20J15.3	LRP2	-0.495503542	1.41E-28
RP11-20J15.3	MAFB	-0.432858395	1.79E-21
RP11-20J15.3	KCNK2	-0.401434265	1.99E-18
RP11-20J15.3	TBC1D4	-0.402195864	1.69E-18
RP11-20J15.3	MIOX	-0.401726608	1.87E-18
RP11-20J15.3	TPPP	-0.426083079	8.64E-21
RP11-20J15.3	FMOD	-0.536908312	3.80E-34
RP11-20J15.3	CITED2	-0.408690128	4.20E-19
RP11-20J15.3	RGS8	-0.433190451	1.66E-21
RP11-20J15.3	ABI3BP	-0.349725393	4.48E-14
RP11-20J15.3	ADH1B	-0.217333988	4.31E-06
RP11-20J15.3	OGN	-0.184555747	0.000100531

RP11-20J15.3	NR4A1	-0.126981711	0.007727092
RP11-20J15.3	FOXJ1	-0.309020764	3.62E-11
RP11-20J15.3	ALDH1A1	-0.452900028	1.37E-23
RP11-20J15.3	OCA2	-0.253651142	7.13E-08
RP11-20J15.3	TMEM139	-0.226176657	1.69E-06
RP11-20J15.3	ARHGAP24	-0.575352002	4.69E-40
RP11-20J15.3	SLC25A15	-0.591777689	7.94E-43
RP11-20J15.3	DES	-0.162680275	0.000622465
RP11-20J15.3	GDF10	-0.273314169	5.83E-09
RP11-20J15.3	KIAA1324	-0.477900032	1.97E-26
RP11-20J15.3	JUN	-0.232212287	8.70E-07
RP11-20J15.3	C7	0.006681277	0.888983359
RP11-20J15.3	LGI3	-0.58305976	2.46E-41
RP11-20J15.3	CDON	-0.540198669	1.27E-34
RP11-20J15.3	BCL2	-0.540341854	1.21E-34
RP11-20J15.3	HLF	-0.449305357	3.37E-23
RP11-20J15.3	EGR1	-0.206032688	1.35E-05
RP11-20J15.3	IP6K3	-0.480678283	9.22E-27
RP11-20J15.3	SCUBE3	-0.390446859	1.94E-17
RP11-20J15.3	PKNOX2	-0.292161307	4.36E-10
RP11-20J15.3	SMAD9	-0.439263939	3.91E-22
RP11-20J15.3	IQGAP2	-0.597646589	7.42E-44
RP11-20J15.3	GNA14	-0.509576562	2.19E-30
RP11-20J15.3	LAYN	-0.236939463	5.11E-07
RP11-20J15.3	AVPR1A	-0.391362919	1.61E-17
RP11-20J15.3	PDLIM3	-0.46637428	4.31E-25
RP11-20J15.3	GPM6A	-0.42833036	5.15E-21
RP11-20J15.3	SDPR	-0.17572305	0.00021548
RP11-20J15.3	CRYAB	-0.338418709	3.18E-13
RP11-20J15.3	FOXA2	-0.236818662	5.19E-07
RP11-20J15.3	C8orf88	-0.378148444	2.26E-16
RP11-20J15.3	ISM1	-0.375664932	3.67E-16
RP11-20J15.3	BMP2	-0.238023034	4.52E-07
RP11-20J15.3	ID4	-0.384019188	7.10E-17
RP11-20J15.3	NUPR1	-0.537010577	3.67E-34
RP11-20J15.3	SERTM1	-0.621002644	3.60E-48
RP11-20J15.3	IRS1	-0.460158444	2.17E-24
RP11-20J15.3	FIBIN	-0.381352847	1.21E-16
RP11-20J15.3	PODN	-0.112409705	0.018472848
RP11-20J15.3	TDRD9	-0.453028533	1.33E-23
RP11-20J15.3	EPHA3	-0.250541014	1.04E-07
RP11-20J15.3	AIF1L	-0.318141412	8.80E-12
RP11-20J15.3	EBF4	-0.480962952	8.53E-27
RP11-20J15.3	ADM2	-0.60102524	1.86E-44
RP11-20J15.3	GSTM3	-0.490403616	6.08E-28
RP11-20J15.3	HSD17B6	-0.185384839	9.34E-05
RP11-20J15.3	AGR3	-0.188950478	6.79E-05
RP11-20J15.3	EPHB1	-0.456110956	6.11E-24
RP11-20J15.3	TMOD1	-0.33481177	5.85E-13
RP11-20J15.3	WASF3	-0.541639175	7.82E-35
RP11-20J15.3	SELV	-0.521414662	5.67E-32

RP11-20J15.3	ENPP1	-0.403152916	1.38E-18
RP11-20J15.3	SYNE1	-0.486190336	2.00E-27
RP11-20J15.3	PLCH1	-0.398451413	3.72E-18
RP11-20J15.3	CCDC146	-0.371901829	7.57E-16
RP11-20J15.3	SLC16A2	-0.380060561	1.56E-16
RP11-20J15.3	IER2	-0.285228977	1.16E-09
RP11-20J15.3	KCNAB1	-0.304512486	7.15E-11
RP11-20J15.3	SYNDIG1	-0.434150113	1.32E-21
RP11-20J15.3	C16orf89	-0.409319534	3.66E-19
RP11-20J15.3	CTGF	-0.087624443	0.066619725
RP11-20J15.3	NR4A3	-0.089933636	0.059732461
RP11-20J15.3	KIAA1456	-0.529768969	3.94E-33
RP11-20J15.3	AQP4	-0.402035162	1.75E-18
RP11-20J15.3	RNF150	-0.39927457	3.13E-18
RP11-20J15.3	C1S	-0.07488789	0.117160818
RP11-20J15.3	PFKFB2	-0.634603392	7.45E-51
RP11-20J15.3	PROX1	-0.364591997	3.01E-15
RP11-20J15.3	TCF7L1	-0.40536034	8.61E-19
RP11-20J15.3	HSPB6	-0.128100033	0.0072006
RP11-20J15.3	FHDC1	-0.323180773	3.94E-12
RP11-20J15.3	PRR15L	-0.50490215	8.93E-30
RP11-20J15.3	SLC1A1	-0.51322584	7.22E-31
RP11-20J15.3	BTBD11	-0.401703119	1.88E-18
RP11-20J15.3	TRIM58	-0.54887284	6.64E-36
RP11-20J15.3	LRIG1	-0.448499931	4.11E-23
RP11-20J15.3	ROR2	-0.30173381	1.08E-10
RP11-20J15.3	GPR125	-0.474982638	4.36E-26
RP11-20J15.3	FLRT1	-0.433613682	1.50E-21
RP11-20J15.3	PGF	-0.367382659	1.78E-15
RP11-20J15.3	DUSP1	-0.179364527	0.000158047
RP11-20J15.3	PLA2G7	-0.228382521	1.33E-06
RP11-20J15.3	PLSCR4	-0.336677577	4.27E-13
RP11-20J15.3	FAM46B	-0.456527959	5.49E-24
RP11-20J15.3	GLDC	-0.400979604	2.19E-18
RP11-20J15.3	ZBTB16	-0.398634384	3.58E-18
RP11-20J15.3	OMD	-0.128502541	0.007019106
RP11-20J15.3	HSD11B2	-0.278159489	3.05E-09
RP11-20J15.3	FGL2	-0.142586936	0.002750538
RP11-20J15.3	CLCNKA	-0.488832352	9.49E-28
RP11-20J15.3	GATM	-0.488043007	1.19E-27
RP11-20J15.3	TNS3	-0.379400306	1.77E-16
RP11-20J15.3	TOB1	-0.275122597	4.59E-09
RP11-20J15.3	MARC2	-0.506121531	6.21E-30
RP11-20J15.3	LRRC2	-0.591147999	1.02E-42
RP11-20J15.3	SORD	-0.214554454	5.75E-06
RP11-20J15.3	RIMS4	-0.315634213	1.30E-11
RP11-20J15.3	SLC29A4	-0.385332466	5.46E-17
RP11-20J15.3	SLC39A14	-0.588859231	2.53E-42
RP11-20J15.3	FAXDC2	-0.475737713	3.55E-26
RP11-20J15.3	HSPB8	-0.394324567	8.78E-18
RP11-20J15.3	CCL19	0.06507331	0.173515969

RP11-20J15.3	KCNIP3	-0.398029303	4.06E-18
RP11-20J15.3	CGNL1	-0.459594354	2.51E-24
RP11-20J15.3	ATF3	0.004653987	0.922540275
RP11-20J15.3	SGCD	-0.411483556	2.28E-19
RP11-20J15.3	STARD13	-0.415467572	9.50E-20
RP11-20J15.3	LDHD	-0.530746303	2.87E-33
RP11-20J15.3	RCAN1	-0.277514339	3.33E-09
RP11-20J15.3	ID3	-0.429873344	3.60E-21
RP11-20J15.3	SYTL3	-0.456990918	4.88E-24
RP11-20J15.3	MT1E	-0.435740613	9.06E-22
RP11-20J15.3	CAMK1D	-0.366738218	2.01E-15
RP11-20J15.3	PRKCQ	-0.434350814	1.26E-21
RP11-20J15.3	NUAK2	-0.436167404	8.19E-22
RP11-20J15.3	LIPG	-0.346323693	8.15E-14
RP11-20J15.3	SLC25A25	-0.370652875	9.61E-16
RP11-20J15.3	PRKX	-0.187618007	7.65E-05
RP11-20J15.3	SRPX	-0.0924297	0.052960825
RP11-20J15.3	FAM189A1	-0.319767442	6.80E-12
RP11-20J15.3	PLEKHH1	-0.354652418	1.86E-14
RP11-20J15.3	WNT11	-0.334037263	6.65E-13
RP11-20J15.3	SNAI1	-0.282298747	1.74E-09
RP11-20J15.3	FDCSP	-0.003184094	0.946960535
RP11-20J15.3	MT1X	-0.365717978	2.44E-15
RP11-20J15.3	ACACB	-0.54326861	4.51E-35
RP11-20J15.3	ARC	0.053009314	0.267740402
RP11-20J15.3	KLK4	-0.372155147	7.21E-16
RP11-20J15.3	ZFPM2	-0.192417023	4.95E-05
RP11-20J15.3	AKAP12	-0.23203577	8.88E-07
RP11-20J15.3	GJB6	-0.287647071	8.26E-10
RP11-20J15.3	ERO1LB	-0.437515715	5.94E-22
RP11-20J15.3	DNALI1	-0.246642172	1.66E-07
RP11-20J15.3	HKDC1	-0.478780137	1.55E-26
RP11-20J15.3	ZFP36L2	-0.365345227	2.62E-15
RP11-20J15.3	CAPSL	-0.402853074	1.47E-18
RP11-20J15.3	CYP7B1	-0.445443748	8.73E-23
RP11-20J15.3	CPQ	-0.284917572	1.21E-09
RP11-20J15.3	RPS6KA6	-0.365801178	2.40E-15
RP11-20J15.3	TLE1	-0.506642502	5.31E-30
RP11-20J15.3	TP53INP2	-0.389423356	2.39E-17
RP11-20J15.3	KATNAL2	-0.508921271	2.67E-30
RP11-20J15.3	SGPP2	-0.355995269	1.46E-14
RP11-20J15.3	CTH	-0.508008118	3.52E-30
RP11-20J15.3	KIF12	-0.19172372	5.27E-05
RP11-20J15.3	TMEM220	-0.471372153	1.15E-25
RP11-20J15.3	CENPJ	-0.430623738	3.02E-21
RP11-20J15.3	FAM155B	-0.204401693	1.59E-05
RP11-20J15.3	WFS1	-0.5019071	2.17E-29
RP11-20J15.3	SELENBP1	-0.317207267	1.02E-11
RP11-20J15.3	SNTA1	-0.575759006	4.02E-40
RP11-20J15.3	FRAS1	-0.370245729	1.04E-15
RP11-20J15.3	FBLN7	-0.555232571	7.23E-37

RP11-20J15.3	AGPAT9	-0.410090849	3.10E-19
RP11-20J15.3	GPR83	-0.279252776	2.63E-09
RP11-20J15.3	PRTG	-0.43603982	8.44E-22
RP11-20J15.3	EGR3	0.075569847	0.113852583
RP11-20J15.3	GRAMD2	-0.335173173	5.50E-13
RP11-20J15.3	HYOU1	-0.514606846	4.72E-31
RP11-20J15.3	FBLN5	-0.133045568	0.005236896
RP11-20J15.3	ITM2A	-0.260947736	2.88E-08
RP11-20J15.3	SRF	-0.223272241	2.31E-06
RP11-20J15.3	FGFR2	-0.192406173	4.95E-05
RP11-20J15.3	MT1A	-0.216517996	4.69E-06
RP11-20J15.3	MAMDC2	-0.109203103	0.022115216
RP11-20J15.3	FHL2	-0.350196579	4.12E-14
RP11-20J15.3	FTCDNL1	-0.5672666	9.52E-39
RP11-20J15.3	PKIA	-0.073647021	0.123372794
RP11-20J15.3	DNAJB4	-0.23633807	5.48E-07
RP11-20J15.3	SLC25A33	-0.47255494	8.37E-26
RP11-20J15.3	EYA2	-0.393143269	1.12E-17
RP11-20J15.3	LPAR1	-0.353583314	2.25E-14
RP11-20J15.3	STX11	-0.371931402	7.53E-16
RP11-20J15.3	ARHGEF28	-0.599713452	3.18E-44
RP11-20J15.3	OR2W3	-0.515062287	4.11E-31
RP11-20J15.3	ALDH1B1	-0.592904045	5.06E-43
RP11-20J15.3	CXCL12	-0.096119118	0.044131481
RP11-20J15.3	OLFM2	-0.246460265	1.69E-07
RP11-20J15.3	TUB	-0.302902342	9.09E-11
RP11-20J15.3	HTRA3	-0.13047518	0.006187493
RP11-20J15.3	CKB	-0.438877431	4.29E-22
RP11-20J15.3	RGS2	-0.0920222	0.054020553
RP11-20J15.3	SHANK2	-0.389410236	2.40E-17
RP11-20J15.3	CNTFR	-0.406355747	6.95E-19
RP11-20J15.3	CYTH3	-0.386827012	4.05E-17
RP11-20J15.3	PLAC9	-0.114458838	0.016429537
RP11-20J15.3	WWOX	-0.406968074	6.09E-19
RP11-20J15.3	NPR3	-0.25241746	8.29E-08
RP11-20J15.3	SDC2	-0.173004229	0.000270523
RP11-20J15.3	KLF15	-0.420552037	3.05E-20
RP11-20J15.3	TMEM164	-0.525849348	1.39E-32
RP11-20J15.3	LONRF3	-0.18717994	7.96E-05
RP11-20J15.3	GBP1	-0.134923006	0.004627949
RP11-20J15.3	ARHGAP6	-0.365296719	2.64E-15
RP11-20J15.3	TMEM119	-0.082714084	0.083437726
RP11-20J15.3	SH3RF1	-0.41256968	1.80E-19
RP11-20J15.3	CRELD2	-0.334434197	6.23E-13
RP11-20J15.3	PCP4	-0.025668912	0.591697037
RP11-20J15.3	GCSH	-0.441045778	2.55E-22
RP11-20J15.3	IMPA2	-0.420047236	3.41E-20
RP11-20J15.3	C1R	-0.048285897	0.312779821
RP11-20J15.3	SUCNR1	-0.201471817	2.11E-05
RP11-20J15.3	SFRP1	-0.321345248	5.29E-12
RP11-20J15.3	UGT8	-0.591960731	7.38E-43

RP11-20J15.3	TLE4	-0.033271994	0.486848112
RP11-20J15.3	ANTXR1	-0.356828425	1.25E-14
RP11-20J15.3	GPX3	-0.469537479	1.87E-25
RP11-20J15.3	DPY19L2	-0.418652117	4.67E-20
RP11-20J15.3	FAM46C	-0.407148917	5.86E-19
RP11-20J15.3	IL33	-0.109323244	0.021968275
RP11-20J15.3	PEG3	-0.426588377	7.70E-21
RP11-20J15.3	FAHD2A	-0.483357177	4.40E-27
RP11-20J15.3	PTGDS	0.097960388	0.040210225
RP11-20J15.3	CHCHD10	-0.53085488	2.77E-33
RP11-20J15.3	CD36	-0.377888171	2.38E-16
RP11-20J15.3	ANKRD37	-0.22223271	2.58E-06
RP11-20J15.3	TSPAN33	-0.403140718	1.38E-18
RP11-20J15.3	PRDM16	-0.343719052	1.28E-13
RP11-20J15.3	UST	-0.319466533	7.13E-12
RP11-20J15.3	NEXN	-0.373792955	5.27E-16
RP11-20J15.3	NUPR1L	-0.219802324	3.33E-06
RP11-20J15.3	SLC24A3	-0.635190459	5.67E-51
RP11-20J15.3	MARC1	-0.342455275	1.59E-13
RP11-20J15.3	MYH11	-0.121374006	0.010920468
RP11-20J15.3	APOA1	-0.351207683	3.44E-14
RP11-20J15.3	TMEM178B	-0.351341069	3.36E-14
RP11-20J15.3	CAPN6	-0.075155947	0.115851592
RP11-20J15.3	PPM1L	-0.51297266	7.80E-31
RP11-20J15.3	FZD8	-0.475204544	4.10E-26
RP11-20J15.3	RCAN2	-0.418052072	5.34E-20
RP11-20J15.3	COPZ2	-0.588471588	2.95E-42
RP11-20J15.3	GAS1	-0.267264206	1.29E-08
RP11-20J15.3	DACT1	-0.347807531	6.28E-14
RP11-20J15.3	WBSCR17	-0.285751224	1.08E-09
RP11-20J15.3	NCS1	-0.327499526	1.96E-12
RP11-20J15.3	SPIRE2	-0.348331126	5.73E-14
RP11-20J15.3	C15orf52	-0.633147567	1.47E-50
RP11-20J15.3	SPAG5	-0.421110098	2.69E-20
RP11-20J15.3	ARL4D	-0.46057871	1.95E-24
RP11-20J15.3	FAM189A2	-0.101211739	0.034004196
RP11-20J15.3	MAP1LC3A	-0.398312199	3.83E-18
RP11-20J15.3	KLF6	0.029082881	0.543356443
RP11-20J15.3	ADD3	-0.148106703	0.001861335
RP11-20J15.3	TSPAN7	-0.157355105	0.000939019
RP11-20J15.3	KLF9	-0.217488798	4.24E-06
RP11-20J15.3	KCNQ1	-0.491906105	3.96E-28
RP11-20J15.3	MAN1A1	-0.130109451	0.006334652
RP11-20J15.3	MLF1	-0.18695846	8.12E-05
RP11-20J15.3	RARB	-0.384859578	6.01E-17
RP11-20J15.3	CDC42EP2	-0.302214782	1.01E-10
RP11-20J15.3	FAM3B	-0.128878014	0.006853504
RP11-20J15.3	GADD45B	-0.171588119	0.000304147
RP11-20J15.3	TMEM47	-0.281677213	1.89E-09
RP11-20J15.3	SDF2L1	-0.283667837	1.44E-09
RP11-20J15.3	CCDC85A	-0.267891201	1.19E-08

RP11-20J15.3	CRYBG3	-0.347106071	7.10E-14
RP11-20J15.3	FBLN2	-0.040281697	0.399826736
RP11-20J15.3	PEBP4	-0.314394904	1.58E-11
RP11-20J15.3	CDADC1	-0.413076822	1.61E-19
RP11-20J15.3	FAM63A	-0.488456323	1.05E-27
RP11-20J15.3	GLUL	-0.329584402	1.39E-12
RP11-20J15.3	FREM2	-0.579881952	8.36E-41
RP11-20J15.3	ACKR3	-0.291660265	4.68E-10
RP11-20J15.3	DENND6A	-0.489233453	8.47E-28
RP11-20J15.3	CLDN8	-0.313958256	1.69E-11
RP11-20J15.3	UTS2R	-0.04881148	0.307535699
RP11-20J15.3	SCNN1B	-0.144783226	0.002358453
RP11-20J15.3	TTC30A	-0.540949063	9.87E-35
RP11-20J15.3	CORO2B	-0.298613658	1.71E-10
RP11-20J15.3	TC2N	-0.468098249	2.74E-25
RP11-20J15.3	ALDH2	-0.507277156	4.39E-30
RP11-20J15.3	GPR183	-0.017775062	0.71034229
RP11-20J15.3	C4orf47	-0.239038878	4.02E-07
RP11-20J15.3	SLC25A42	-0.366119379	2.26E-15
RP11-20J15.3	LGMN	-0.556037289	5.44E-37
RP11-20J15.3	ACSF2	-0.598805831	4.62E-44
RP11-20J15.3	KIAA1467	-0.504527556	9.99E-30
RP11-20J15.3	PRKG1	-0.378089581	2.29E-16
RP11-20J15.3	GNAI1	-0.491484847	4.47E-28
RP11-20J15.3	ABCC4	-0.4002346	2.56E-18
RP11-20J15.3	PRPS1	-0.532400205	1.68E-33
RP11-20J15.3	TSPAN5	-0.418189371	5.18E-20
RP11-20J15.3	CR2	-0.203147236	1.79E-05
RP11-20J15.3	CCDC170	-0.428903669	4.51E-21
RP11-20J15.3	RRAD	0.027420327	0.56665188
RP11-20J15.3	SCGB2A1	-0.494802862	1.73E-28
RP11-20J15.3	SESN3	-0.179605864	0.0001548
RP11-20J15.3	SGK223	-0.194025466	4.26E-05
RP11-20J15.3	NDRG2	-0.45453003	9.11E-24
RP11-20J15.3	C3orf52	-0.363102131	3.97E-15
RP11-20J15.3	FLRT3	0.335237212	5.44E-13
RP11-20J15.3	MST1R	0.534617558	8.10E-34
RP11-20J15.3	SDC1	0.052819322	0.269461551
RP11-20J15.3	ST8SIA4	0.292262296	4.29E-10
RP11-20J15.3	UBTD1	0.506280532	5.92E-30
RP11-20J15.3	EPHA2	0.445541687	8.53E-23
RP11-20J15.3	TMEM130	0.620008407	5.59E-48
RP11-20J15.3	SPINK2	0.24888385	1.27E-07
RP11-20J15.3	MMP16	0.402915621	1.45E-18
RP11-20J15.3	SIGLEC15	0.634558004	7.61E-51
RP11-20J15.3	RIN1	0.710496559	1.09E-68
RP11-20J15.3	IL1RN	0.222665032	2.46E-06
RP11-20J15.3	FCER1G	0.303953148	7.77E-11
RP11-20J15.3	CD276	0.58215526	3.48E-41
RP11-20J15.3	CTSB	0.264935582	1.74E-08
RP11-20J15.3	FAM171A2	0.391302071	1.63E-17

RP11-20J15.3	ASPHD1	0.418914518	4.40E-20
RP11-20J15.3	C15orf48	0.177810905	0.000180528
RP11-20J15.3	DYSF	0.334542348	6.12E-13
RP11-20J15.3	PDZRN4	0.563588174	3.64E-38
RP11-20J15.3	EFHD2	0.396223919	5.92E-18
RP11-20J15.3	ASF1B	0.182843599	0.000116869
RP11-20J15.3	AQP1	0.320280045	6.27E-12
RP11-20J15.3	ARRDC2	0.593162169	4.56E-43
RP11-20J15.3	PRSS1	0.535800648	5.48E-34
RP11-20J15.3	MAPK13	0.33649567	4.40E-13
RP11-20J15.3	CST5	0.465757967	5.07E-25
RP11-20J15.3	AHR	0.425790538	9.25E-21
RP11-20J15.3	BAX	0.313923931	1.70E-11
RP11-20J15.3	C1orf115	0.509196578	2.46E-30
RP11-20J15.3	PLK3	0.484845695	2.91E-27
RP11-20J15.3	JAG2	0.367832072	1.64E-15
RP11-20J15.3	RAD23B	0.51534646	3.76E-31
RP11-20J15.3	CA12	-0.060276949	0.207493405
RP11-20J15.3	ADTRP	0.638096081	1.45E-51
RP11-20J15.3	UCP2	0.602400714	1.05E-44
RP11-20J15.3	IGFBP2	0.346238094	8.27E-14
RP11-20J15.3	LOXL2	0.281193403	2.02E-09
RP11-20J15.3	GPX1	0.304187606	7.51E-11
RP11-20J15.3	P3H3	0.483567026	4.15E-27
RP11-20J15.3	C2orf81	0.683933004	7.93E-62
RP11-20J15.3	CDT1	0.236358211	5.46E-07
RP11-20J15.3	SNX25	0.473274413	6.90E-26
RP11-20J15.3	MTHFD1L	0.321362481	5.28E-12
RP11-20J15.3	CDC42BPG	0.460801057	1.84E-24
RP11-20J15.3	MSN	0.437544012	5.90E-22
RP11-20J15.3	SIGLEC6	0.579108037	1.12E-40
RP11-20J15.3	F2R	0.158115711	0.000886147
RP11-20J15.3	TMEM184A	0.409696185	3.37E-19
RP11-20J15.3	CKS2	0.094360399	0.0481725
RP11-20J15.3	TAX1BP3	0.486047488	2.08E-27
RP11-20J15.3	PMEPA1	0.476396975	2.97E-26
RP11-20J15.3	CXCL16	0.382493295	9.62E-17
RP11-20J15.3	FAXC	0.487423458	1.41E-27
RP11-20J15.3	VTCN1	0.357290553	1.15E-14
RP11-20J15.3	SH2D4A	0.431945455	2.22E-21
RP11-20J15.3	RNF24	0.372268338	7.06E-16
RP11-20J15.3	LY6G6C	0.476428774	2.95E-26
RP11-20J15.3	NID1	0.260227412	3.16E-08
RP11-20J15.3	STAC	0.466545478	4.13E-25
RP11-20J15.3	RAB34	0.697809011	2.56E-65
RP11-20J15.3	HES4	0.333248715	7.59E-13
RP11-20J15.3	EPHA10	0.515962533	3.11E-31
RP11-20J15.3	ENTPD2	0.683616634	9.47E-62
RP11-20J15.3	DDB2	0.416775743	7.10E-20
RP11-20J15.3	NKAIN4	0.392889025	1.18E-17
RP11-20J15.3	TRIM29	0.49972081	4.13E-29

RP11-20J15.3	ADCY8	0.482737241	5.22E-27
RP11-20J15.3	SFTA2	0.221261759	2.86E-06
RP11-20J15.3	NRIP1	0.517190991	2.12E-31
RP11-20J15.3	VWA1	0.380845138	1.33E-16
RP11-20J15.3	APLNR	0.237068677	5.04E-07
RP11-20J15.3	REN	0.577007944	2.50E-40
RP11-20J15.3	EDIL3	0.195609016	3.68E-05
RP11-20J15.3	AGRN	0.413183413	1.57E-19
RP11-20J15.3	TREM1	0.329107756	1.51E-12
RP11-20J15.3	SRL	0.264724314	1.79E-08
RP11-20J15.3	RASGRF1	0.768054545	1.29E-86
RP11-20J15.3	RMI2	0.445479988	8.66E-23
RP11-20J15.3	SAMD1	0.462092546	1.32E-24
RP11-20J15.3	MGAT4B	0.48429891	3.39E-27
RP11-20J15.3	NXN	0.529087792	4.91E-33
RP11-20J15.3	SH3BGRL3	0.428599426	4.84E-21
RP11-20J15.3	CA11	0.471326268	1.16E-25
RP11-20J15.3	PLD3	0.429300744	4.11E-21
RP11-20J15.3	LURAP1L	0.173838662	0.00025237
RP11-20J15.3	CARNS1	0.42650143	7.85E-21
RP11-20J15.3	PDLIM7	0.539607276	1.55E-34
RP11-20J15.3	BCL2L1	0.442368063	1.85E-22
RP11-20J15.3	GGT6	0.367544496	1.73E-15
RP11-20J15.3	DPYSL3	0.310836332	2.74E-11
RP11-20J15.3	FYN	0.573736538	8.61E-40
RP11-20J15.3	TK1	0.142741753	0.002721068
RP11-20J15.3	AK1	0.272646744	6.37E-09
RP11-20J15.3	HIGD1B	0.317021672	1.05E-11
RP11-20J15.3	TMEM59L	0.442778896	1.67E-22
RP11-20J15.3	MEGF9	0.359578096	7.60E-15
RP11-20J15.3	ZFP36L1	0.413150861	1.58E-19
RP11-20J15.3	ADRA1B	0.44933564	3.34E-23
RP11-20J15.3	EPHA4	0.425761958	9.31E-21
RP11-20J15.3	TCERG1L	0.507128297	4.59E-30
RP11-20J15.3	NGFR	0.669519855	2.11E-58
RP11-20J15.3	EBI3	0.399947165	2.72E-18
RP11-20J15.3	S100A10	0.385672238	5.11E-17
RP11-20J15.3	S100B	0.427667622	6.00E-21
RP11-20J15.3	CD44	0.393049514	1.14E-17
RP11-20J15.3	BHLHE41	0.583422156	2.13E-41
RP11-20J15.3	FBX02	0.575717093	4.08E-40
RP11-20J15.3	SLC30A2	0.039937669	0.403867272
RP11-20J15.3	FRMD5	0.279627512	2.50E-09
RP11-20J15.3	SAMD11	0.426301864	8.22E-21
RP11-20J15.3	SIPA1L2	0.58527917	1.04E-41
RP11-20J15.3	S100A16	0.42727622	6.57E-21
RP11-20J15.3	PPL	0.39011361	2.08E-17
RP11-20J15.3	ARHGDIB	0.341968417	1.73E-13
RP11-20J15.3	CDC42EP3	0.346233626	8.27E-14
RP11-20J15.3	RUNX2	0.723161625	3.05E-72
RP11-20J15.3	LAMC2	0.273336573	5.82E-09

RP11-20J15.3	BRINP1	0.582047959	3.63E-41
RP11-20J15.3	GPRC5B	0.471212018	1.20E-25
RP11-20J15.3	AQP5	0.53123451	2.45E-33
RP11-20J15.3	PLAG1	0.523317044	3.11E-32
RP11-20J15.3	PTPRU	0.457252609	4.57E-24
RP11-20J15.3	ANGPTL4	0.324251862	3.32E-12
RP11-20J15.3	PALM3	0.605048474	3.48E-45
RP11-20J15.3	ACP5	0.36504751	2.76E-15
RP11-20J15.3	DLG4	0.471278327	1.18E-25
RP11-20J15.3	ETNK2	0.697304706	3.46E-65
RP11-20J15.3	CD109	0.636756776	2.72E-51
RP11-20J15.3	SNX22	0.584625297	1.34E-41
RP11-20J15.3	TMEM98	0.640189183	5.37E-52
RP11-20J15.3	CTHRC1	0.382742859	9.16E-17
RP11-20J15.3	S100A2	0.391506672	1.57E-17
RP11-20J15.3	C11orf80	0.555740847	6.04E-37
RP11-20J15.3	SREBF1	0.45465584	8.82E-24
RP11-20J15.3	PRSS22	0.477689403	2.09E-26
RP11-20J15.3	CMTM3	0.403683248	1.23E-18
RP11-20J15.3	RDH5	0.642512915	1.77E-52
RP11-20J15.3	MYH10	0.447969953	4.69E-23
RP11-20J15.3	EVPL	0.443708006	1.33E-22
RP11-20J15.3	SCD	0.34669389	7.63E-14
RP11-20J15.3	CD151	0.649191072	6.91E-54
RP11-20J15.3	S100A4	0.530704816	2.91E-33
RP11-20J15.3	BNIP1	0.573744127	8.59E-40
RP11-20J15.3	MAP3K6	0.495411489	1.45E-28
RP11-20J15.3	MANEAL	0.238852786	4.11E-07
RP11-20J15.3	CD207	0.497209496	8.60E-29
RP11-20J15.3	CD1A	0.470696262	1.38E-25
RP11-20J15.3	C3	0.461650721	1.48E-24
RP11-20J15.3	NT5E	0.467688621	3.05E-25
RP11-20J15.3	CACNG4	0.451147443	2.13E-23
RP11-20J15.3	FHOD1	0.486602217	1.78E-27
RP11-20J15.3	LEMD1	0.568582927	5.86E-39
RP11-20J15.3	ATP11A	0.409903765	3.23E-19
RP11-20J15.3	PPAP2C	0.389105639	2.55E-17
RP11-20J15.3	DRAM1	0.537460487	3.17E-34
RP11-20J15.3	CDA	0.339016556	2.87E-13
RP11-20J15.3	CCND2	0.457881377	3.89E-24
RP11-20J15.3	LCN6	0.657166289	1.29E-55
RP11-20J15.3	CDH4	0.312884472	2.00E-11
RP11-20J15.3	MMP11	0.431950277	2.22E-21
RP11-20J15.3	B3GAT1	0.394772136	8.00E-18
RP11-20J15.3	SPP1	0.24160423	2.99E-07
RP11-20J15.3	HLA-DQB1	0.196051338	3.53E-05
RP11-20J15.3	SDC3	0.679724884	8.30E-61
RP11-20J15.3	CX3CL1	0.373911389	5.15E-16
RP11-20J15.3	SDK1	0.649905013	4.86E-54
RP11-20J15.3	DOCK9	0.522851744	3.61E-32
RP11-20J15.3	CSF2	0.591587887	8.56E-43

RP11-20J15.3	GRHL3	0.514153531	5.43E-31
RP11-20J15.3	TMEM92	0.578081805	1.66E-40
RP11-20J15.3	BASP1	0.587116752	5.04E-42
RP11-20J15.3	HRH1	0.550298666	4.06E-36
RP11-20J15.3	ESM1	0.128857022	0.006862669
RP11-20J15.3	B4GALNT3	0.4423331	1.86E-22
RP11-20J15.3	LMO3	0.289040305	6.79E-10
RP11-20J15.3	C9orf16	0.387061399	3.86E-17
RP11-20J15.3	SEMA3F	0.503497245	1.36E-29
RP11-20J15.3	PLA2G12B	0.430255098	3.29E-21
RP11-20J15.3	KLK6	0.668902421	2.93E-58
RP11-20J15.3	ST3GAL5	0.54623359	1.65E-35
RP11-20J15.3	FAM132B	0.244785726	2.06E-07
RP11-20J15.3	CDKN1A	0.112767562	0.01810079
RP11-20J15.3	E2F1	0.231783795	9.13E-07
RP11-20J15.3	B3GNT8	0.413666229	1.41E-19
RP11-20J15.3	MTMR11	0.56685988	1.10E-38
RP11-20J15.3	MYO1G	0.477964427	1.94E-26
RP11-20J15.3	TMSB10	0.540816515	1.03E-34
RP11-20J15.3	UNC5CL	0.485752253	2.26E-27
RP11-20J15.3	ABR	0.341083064	2.02E-13
RP11-20J15.3	PLP2	0.451242864	2.08E-23
RP11-20J15.3	SRCIN1	0.283470257	1.48E-09
RP11-20J15.3	PDE9A	0.531079126	2.58E-33
RP11-20J15.3	TREM2	0.323092621	4.00E-12
RP11-20J15.3	KDELR3	0.321140079	5.47E-12
RP11-20J15.3	PC	0.619378434	7.38E-48
RP11-20J15.3	C2CD4A	0.384603418	6.32E-17
RP11-20J15.3	PELI1	0.55201448	2.23E-36
RP11-20J15.3	SSX1	0.381844812	1.09E-16
RP11-20J15.3	MROH6	0.593131178	4.62E-43
RP11-20J15.3	ESPN	0.671673878	6.67E-59
RP11-20J15.3	BMP1	0.601531105	1.51E-44
RP11-20J15.3	TM4SF4	0.547043235	1.25E-35
RP11-20J15.3	CORO2A	0.542390278	6.07E-35
RP11-20J15.3	CD164L2	0.460340828	2.07E-24
RP11-20J15.3	CTSS	0.272102157	6.85E-09
RP11-20J15.3	CLU	0.691901744	8.30E-64
RP11-20J15.3	TMSB4X	0.491568815	4.36E-28
RP11-20J15.3	WNT10A	0.656750313	1.59E-55
RP11-20J15.3	NAPSA	0.472111625	9.43E-26
RP11-20J15.3	PLEKHA4	0.728538844	8.24E-74
RP11-20J15.3	SFTPA1	0.242946465	2.56E-07
RP11-20J15.3	C1orf116	0.537497578	3.13E-34
RP11-20J15.3	TM4SF1	0.445834795	7.93E-23
RP11-20J15.3	SEL1L3	0.520692616	7.12E-32
RP11-20J15.3	VASN	0.633779313	1.09E-50
RP11-20J15.3	NPTXR	0.458903461	3.00E-24
RP11-20J15.3	PDE4C	0.338092552	3.36E-13
RP11-20J15.3	CDC42EP1	0.6733109	2.77E-59
RP11-20J15.3	ENDOD1	0.556753287	4.22E-37

RP11-20J15.3	RYR1	0.560094422	1.28E-37
RP11-20J15.3	IL1RAP	0.579681889	9.03E-41
RP11-20J15.3	SLC35F2	0.636088174	3.72E-51
RP11-20J15.3	ISYNA1	0.662173926	9.92E-57
RP11-20J15.3	HLA-G	0.370528128	9.84E-16
RP11-20J15.3	CDKN2B	0.314755244	1.50E-11
RP11-20J15.3	ALDH1A3	0.302483281	9.68E-11
RP11-20J15.3	CLIP3	0.543272298	4.51E-35
RP11-20J15.3	ULBP2	0.363619556	3.61E-15
RP11-20J15.3	ETHE1	0.517685368	1.82E-31
RP11-20J15.3	XPR1	0.404201169	1.10E-18
RP11-20J15.3	SPTBN2	0.427236364	6.63E-21
RP11-20J15.3	IVL	0.488256887	1.12E-27
RP11-20J15.3	MARCO	0.359222224	8.11E-15
RP11-20J15.3	PLXND1	0.521703424	5.18E-32
RP11-20J15.3	EMILIN2	0.388714308	2.77E-17
RP11-20J15.3	PLAUR	0.453253914	1.26E-23
RP11-20J15.3	CDC42EP5	0.620340521	4.83E-48
RP11-20J15.3	TRPC5	0.61824384	1.22E-47
RP11-20J15.3	TMEM100	0.47331817	6.82E-26
RP11-20J15.3	QSOX1	0.623104446	1.41E-48
RP11-20J15.3	ARHGAP23	0.605658023	2.70E-45
RP11-20J15.3	MDFI	0.528043014	6.88E-33
RP11-20J15.3	FSTL3	0.574820464	5.73E-40
RP11-20J15.3	INF2	0.650237056	4.13E-54
RP11-20J15.3	TGFBR1	0.635901351	4.06E-51
RP11-20J15.3	TGFBI	0.367812428	1.65E-15
RP11-20J15.3	ERBB3	0.513928151	5.82E-31
RP11-20J15.3	CCL18	0.376641983	3.04E-16
RP11-20J15.3	CCL17	0.42426459	1.31E-20
RP11-20J15.3	C16orf45	0.596597343	1.14E-43
RP11-20J15.3	PRDM1	0.487483952	1.39E-27
RP11-20J15.3	TRIM47	0.404947805	9.40E-19
RP11-20J15.3	CNFN	0.36738429	1.78E-15
RP11-20J15.3	ARMCX3	0.645037701	5.24E-53
RP11-20J15.3	RAMP1	0.690157846	2.28E-63
RP11-20J15.3	GABRD	0.34514502	1.00E-13
RP11-20J15.3	COL13A1	0.416188392	8.09E-20
RP11-20J15.3	S100A5	0.456064575	6.18E-24
RP11-20J15.3	MISP	0.371168881	8.71E-16
RP11-20J15.3	HES6	0.295014094	2.89E-10
RP11-20J15.3	PSD3	0.438631696	4.55E-22
RP11-20J15.3	DOK7	0.597226536	8.81E-44
RP11-20J15.3	ZMAT3	0.322680085	4.27E-12
RP11-20J15.3	MFAP2	0.569022625	4.98E-39
RP11-20J15.3	TMEM79	0.586753434	5.81E-42
RP11-20J15.3	SLC1A5	0.45984874	2.35E-24
RP11-20J15.3	BBC3	0.416218249	8.04E-20
RP11-20J15.3	HLA-DQB2	0.31465312	1.52E-11
RP11-20J15.3	C1QL1	0.696456444	5.73E-65
RP11-20J15.3	TMEM215	0.383299343	8.20E-17

RP11-20J15.3	PNP	0.453550639	1.17E-23
RP11-20J15.3	ARNTL	0.658124736	7.91E-56
RP11-20J15.3	CLDN2	0.508524781	3.01E-30
RP11-20J15.3	MVP	0.52186512	4.92E-32
RP11-20J15.3	LGALS1	0.476768662	2.69E-26
RP11-20J15.3	BIRC7	0.476491352	2.90E-26
RP11-20J15.3	COL8A1	0.519778045	9.49E-32
RP11-20J15.3	PERP	0.403424678	1.30E-18
RP11-20J15.3	GJA4	0.458425397	3.39E-24
RP11-20J15.3	IGFL2	0.546362515	1.57E-35
RP11-20J15.3	DAPK2	0.570280727	3.13E-39
RP11-20J15.3	MAMLD1	0.577516307	2.06E-40
RP11-20J15.3	ETV5	0.427725917	5.92E-21
RP11-20J15.3	RUNX1	0.483080309	4.75E-27
RP11-20J15.3	LONRF2	0.519634079	9.92E-32
RP11-20J15.3	SPOCK1	0.416085914	8.28E-20
RP11-20J15.3	XKRX	0.534500612	8.42E-34
RP11-20J15.3	TGFB1	0.443555247	1.39E-22
RP11-20J15.3	ERP27	0.380325656	1.48E-16
RP11-20J15.3	TNFRSF10C	0.248474435	1.33E-07
RP11-20J15.3	PALM	0.70086647	4.10E-66
RP11-20J15.3	TSC22D1	0.740843429	1.51E-77
RP11-20J15.3	TGM2	0.305678891	6.00E-11
RP11-20J15.3	UBE2QL1	0.50731992	4.33E-30
RP11-20J15.3	ECE1	0.633057145	1.53E-50
RP11-20J15.3	COL8A2	0.690291741	2.11E-63
RP11-20J15.3	HIST3H2A	0.332204291	9.03E-13
RP11-20J15.3	TNFRSF21	0.44870517	3.91E-23
RP11-20J15.3	SOX4	0.548029046	8.89E-36
RP11-20J15.3	ELF3	0.496386412	1.09E-28
RP11-20J15.3	TPD52L1	0.533880284	1.03E-33
RP11-20J15.3	INHBB	0.690108983	2.34E-63
RP11-20J15.3	HPN	0.420430482	3.13E-20
RP11-20J15.3	MMP7	0.36899077	1.32E-15
RP11-20J15.3	RAB27A	0.548818445	6.77E-36
RP11-20J15.3	IGF2BP2	0.585639013	8.99E-42
RP11-20J15.3	ITGB4	0.571075304	2.33E-39
RP11-20J15.3	PPP1R1B	0.707370025	7.67E-68
RP11-20J15.3	NPDC1	0.460784587	1.85E-24
RP11-20J15.3	CCL13	0.495757856	1.31E-28
RP11-20J15.3	SPINT1	0.475287164	4.01E-26
RP11-20J15.3	HEY2	0.579396511	1.01E-40
RP11-20J15.3	CST2	0.357657171	1.08E-14
RP11-20J15.3	ADM	0.252448664	8.26E-08
RP11-20J15.3	VSTM2L	0.179148224	0.000161011
RP11-20J15.3	FAM84A	0.455224823	7.64E-24
RP11-20J15.3	P4HA2	0.361881473	4.98E-15
RP11-20J15.3	LPL	0.505189727	8.20E-30
RP11-20J15.3	TMEM173	0.556145369	5.24E-37
RP11-20J15.3	DHRS3	0.650935962	2.92E-54
RP11-20J15.3	SCN1B	0.476260527	3.08E-26

RP11-20J15.3	GLT1D1	0.400349347	2.50E-18
RP11-20J15.3	PHYHIP	0.563655051	3.56E-38
RP11-20J15.3	BHLHE40	0.458390079	3.42E-24
RP11-20J15.3	BID	0.647311293	1.74E-53
RP11-20J15.3	POSTN	0.183531939	0.000110022
RP11-20J15.3	ITGA3	0.44850532	4.11E-23
RP11-20J15.3	RSPO4	0.61017237	4.00E-46
RP11-20J15.3	ADAMTS9	0.55146734	2.70E-36
RP11-20J15.3	ABTB2	0.570224843	3.19E-39
RP11-20J15.3	KCNQ3	0.518662773	1.34E-31
RP11-20J15.3	ANXA1	0.633041614	1.54E-50
RP11-20J15.3	S100A11	0.490384539	6.11E-28
RP11-20J15.3	CEACAM6	0.364114063	3.29E-15
RP11-20J15.3	IER5L	0.497578844	7.72E-29
RP11-20J15.3	KRT80	0.36901954	1.31E-15
RP11-20J15.3	CDH6	0.431576322	2.42E-21
RP11-20J15.3	UNC5B	0.38002035	1.57E-16
RP11-20J15.3	PLEKHN1	0.593136567	4.61E-43
RP11-20J15.3	SYTL1	0.464237562	7.55E-25
RP11-20J15.3	TMEM163	0.556218486	5.10E-37
RP11-20J15.3	C4orf48	0.333825854	6.89E-13
RP11-20J15.3	B3GNT7	0.54509527	2.43E-35
RP11-20J15.3	BAIAP3	0.694839066	1.49E-64
RP11-20J15.3	PHLDA2	0.422418624	2.00E-20
RP11-20J15.3	GAP43	0.629539991	7.71E-50
RP11-20J15.3	S100A1	0.23814232	4.46E-07
RP11-20J15.3	PTPRE	0.603793421	5.88E-45
RP11-20J15.3	CCND1	0.390554514	1.90E-17
RP11-20J15.3	ST6GALNAC5	0.448764777	3.85E-23
RP11-20J15.3	KRT17	0.452906978	1.37E-23
RP11-20J15.3	HPCAL4	0.63878364	1.05E-51
RP11-20J15.3	GABBR2	0.47196	9.82E-26
RP11-20J15.3	DIRAS3	0.597560068	7.69E-44
RP11-20J15.3	SERINC2	0.222996437	2.38E-06
RP11-20J15.3	PTCHD4	0.373947912	5.11E-16
RP11-20J15.3	EPS8	0.540741128	1.06E-34
RP11-20J15.3	LY6E	0.663387917	5.29E-57
RP11-20J15.3	UPP1	0.488473201	1.05E-27
RP11-20J15.3	AHNAK2	0.37553515	3.76E-16
RP11-20J15.3	PLXNC1	0.562969973	4.56E-38
RP11-20J15.3	TNC	0.359016205	8.42E-15
RP11-20J15.3	DUSP4	0.50047404	3.31E-29
RP11-20J15.3	NRCAM	0.505693323	7.05E-30
RP11-20J15.3	NRP2	0.666906278	8.40E-58
RP11-20J15.3	CTSC	0.51947281	1.04E-31
RP11-20J15.3	AMIGO2	0.633516346	1.23E-50
RP11-20J15.3	NAB2	0.594637	2.52E-43
RP11-20J15.3	TBC1D2	0.478476745	1.69E-26
RP11-20J15.3	PHLDA3	0.37761492	2.51E-16
RP11-20J15.3	PTP4A3	0.451332293	2.03E-23
RP11-20J15.3	CRABP2	0.335853711	4.91E-13

RP11-20J15.3	GOS2	0.547406732	1.10E-35
RP11-20J15.3	S100A6	0.478785172	1.55E-26
RP11-20J15.3	FOXQ1	0.495662967	1.35E-28
RP11-20J15.3	LRG1	0.583774411	1.86E-41
RP11-20J15.3	LAMP5	0.539745993	1.48E-34
RP11-20J15.3	ALDH3B1	0.477156376	2.42E-26
RP11-20J15.3	CDH2	0.348598703	5.46E-14
RP11-20J15.3	SCG5	0.486056282	2.07E-27
RP11-20J15.3	ZCCHC16	0.618143782	1.27E-47
RP11-20J15.3	GRB7	0.646766706	2.26E-53
RP11-20J15.3	TIAM1	0.54783409	9.50E-36
RP11-20J15.3	FXD5	0.484700666	3.03E-27
RP11-20J15.3	CLDN9	0.435467788	9.67E-22
RP11-20J15.3	FAM43A	0.617635246	1.59E-47
RP11-20J15.3	CHST2	0.605219743	3.24E-45
RP11-20J15.3	HMGA2	0.537205179	3.45E-34
RP11-20J15.3	GALNT7	0.490262487	6.33E-28
RP11-20J15.3	CBLN1	0.406379517	6.91E-19
RP11-20J15.3	STRA6	0.645629378	3.94E-53
RP11-20J15.3	MUC21	0.4121664	1.97E-19
RP11-20J15.3	PRR36	0.597150085	9.09E-44
RP11-20J15.3	NFE2L3	0.428549925	4.89E-21
RP11-20J15.3	NR1D1	0.191952433	5.16E-05
RP11-20J15.3	MUC1	0.338265382	3.26E-13
RP11-20J15.3	NAT8L	0.560604684	1.07E-37
RP11-20J15.3	APOC1	0.591719181	8.13E-43
RP11-20J15.3	EVA1A	0.599804866	3.07E-44
RP11-20J15.3	ENTPD1	0.409100749	3.84E-19
RP11-20J15.3	COL1A1	0.394687814	8.14E-18
RP11-20J15.3	FNDC4	0.420632246	2.99E-20
RP11-20J15.3	FRMD3	0.354315269	1.98E-14
RP11-20J15.3	SHROOM4	0.614740333	5.61E-47
RP11-20J15.3	NELL2	0.650864405	3.03E-54
RP11-20J15.3	EPHB3	0.551423796	2.75E-36
RP11-20J15.3	TMC6	0.540068674	1.33E-34
RP11-20J15.3	NOD1	0.770476641	1.75E-87
RP11-20J15.3	GGCT	0.66793205	4.89E-58
RP11-20J15.3	ICAM1	0.479830802	1.16E-26
RP11-20J15.3	PRSS23	0.567165328	9.88E-39
RP11-20J15.3	CFI	0.587337948	4.62E-42
RP11-20J15.3	CD55	0.48020107	1.05E-26
RP11-20J15.3	RASD2	0.697305699	3.46E-65
RP11-20J15.3	KLK11	0.611257182	2.51E-46
RP11-20J15.3	ICAM5	0.68958553	3.17E-63
RP11-20J15.3	ADORA1	0.377047994	2.81E-16
RP11-20J15.3	ITGA2	0.403875864	1.18E-18
RP11-20J15.3	ABCC3	0.534400759	8.70E-34
RP11-20J15.3	MFGE8	0.608892921	6.89E-46
RP11-20J15.3	STK32A	0.275423861	4.41E-09
RP11-20J15.3	CYSLTR2	0.647807442	1.36E-53
RP11-20J15.3	LAD1	0.525990618	1.33E-32

RP11-20J15.3	MGAT3	0.504462311	1.02E-29
RP11-20J15.3	IGFBP6	0.653193526	9.50E-55
RP11-20J15.3	CYP2S1	0.468234768	2.64E-25
RP11-20J15.3	KCNJ2	0.581754709	4.07E-41
RP11-20J15.3	FAM20A	0.574178576	7.29E-40
RP11-20J15.3	TGFA	0.547887563	9.33E-36
RP11-20J15.3	MXRA8	0.730552021	2.08E-74
RP11-20J15.3	C8orf4	0.419047774	4.27E-20
RP11-20J15.3	CLDN10	0.676530653	4.81E-60
RP11-20J15.3	PDE5A	0.644079941	8.33E-53
RP11-20J15.3	APOE	0.621138218	3.39E-48
RP11-20J15.3	SPOCK2	0.518099393	1.60E-31
RP11-20J15.3	TENM1	0.468665955	2.36E-25
RP11-20J15.3	SLIT1	0.359248606	8.07E-15
RP11-20J15.3	CXCL14	0.582273978	3.33E-41
RP11-20J15.3	ECM1	0.283550892	1.46E-09
RP11-20J15.3	DUSP5	0.53251091	1.62E-33
RP11-20J15.3	SEZ6L2	0.304123425	7.58E-11
RP11-20J15.3	THRSP	0.137777282	0.003823966
RP11-20J15.3	C19orf33	0.485288088	2.57E-27
RP11-20J15.3	MPZL2	0.570957224	2.43E-39
RP11-20J15.3	CTSH	0.64229725	1.96E-52
RP11-20J15.3	CYP1B1	0.588516905	2.90E-42
RP11-20J15.3	ALOX5	0.363801676	3.49E-15
RP11-20J15.3	SYTL5	0.594869565	2.29E-43
RP11-20J15.3	TNFRSF12A	0.614812457	5.43E-47
RP11-20J15.3	DUSP6	0.598142809	6.06E-44
RP11-20J15.3	ALOX15B	0.428580846	4.86E-21
RP11-20J15.3	SDC4	0.768935146	6.25E-87
RP11-20J15.3	MDK	0.722761571	3.98E-72
RP11-20J15.3	KRT19	0.466902839	3.76E-25
RP11-20J15.3	MET	0.528514838	5.91E-33
RP11-20J15.3	TESC	0.621551321	2.82E-48
RP11-20J15.3	CXCL17	0.463784831	8.49E-25
RP11-20J15.3	NPC2	0.589982375	1.62E-42
RP11-20J15.3	COMP	0.522432897	4.12E-32
RP11-20J15.3	TUSC3	0.666140353	1.26E-57
RP11-20J15.3	TMPRSS4	0.545434263	2.16E-35
RP11-20J15.3	LGALS3	0.554634653	8.92E-37
RP11-20J15.3	CRLF1	0.456340804	5.76E-24
RP11-20J15.3	CTXN1	0.646343604	2.78E-53
RP11-20J15.3	PCSK1N	0.388594668	2.83E-17
RP11-20J15.3	NMU	0.395960369	6.25E-18
RP11-20J15.3	GALE	0.591270831	9.72E-43
RP11-20J15.3	PCSK2	0.165762621	0.000487804
RP11-20J15.3	GJB3	0.683507277	1.01E-61
RP11-20J15.3	SLPI	0.383110361	8.51E-17
RP11-20J15.3	AGR2	0.351323339	3.37E-14
RP11-20J15.3	MRC2	0.580172223	7.48E-41
RP11-20J15.3	GOLT1A	0.574716852	5.96E-40
RP11-20J15.3	SLC27A6	0.653910576	6.64E-55

RP11-20J15.3	KCNN4	0.557283477	3.50E-37
RP11-20J15.3	ETV4	0.610050553	4.21E-46
RP11-20J15.3	SYT12	0.783923376	1.68E-92
RP11-20J15.3	PVRL4	0.532677427	1.53E-33
RP11-20J15.3	PLCD3	0.608424501	8.40E-46
RP11-20J15.3	PLAU	0.454034093	1.03E-23
RP11-20J15.3	LRRK2	0.405937124	7.60E-19
RP11-20J15.3	SFN	0.454592793	8.97E-24
RP11-20J15.3	LPAR5	0.587758427	3.91E-42
RP11-20J15.3	NGEF	0.533709582	1.09E-33
RP11-20J15.3	DTX4	0.618049625	1.32E-47
RP11-20J15.3	CST6	0.666602958	9.86E-58
RP11-20J15.3	QPCT	0.636694863	2.80E-51
RP11-20J15.3	TIMP1	0.694137607	2.25E-64
RP11-20J15.3	CAMK2N1	0.724264273	1.47E-72
RP11-20J15.3	KLHDC8A	0.350669324	3.79E-14
RP11-20J15.3	PDLIM4	0.624812459	6.58E-49
RP11-20J15.3	SCEL	0.441024503	2.56E-22
RP11-20J15.3	LCN2	0.344752838	1.07E-13
RP11-20J15.3	PROS1	0.478018822	1.91E-26
RP11-20J15.3	GABRB2	0.622488019	1.86E-48
RP11-20J15.3	TMPRSS6	0.583068413	2.45E-41
RP11-20J15.3	KLK7	0.547406543	1.10E-35
RP11-20J15.3	PDZK1IP1	0.40434088	1.07E-18
RP11-20J15.3	CDH3	0.688848611	4.84E-63
RP11-20J15.3	LRP4	0.572129514	1.57E-39
RP11-20J15.3	IGSF1	0.398730692	3.51E-18
RP11-20J15.3	B3GNT3	0.409769019	3.32E-19
RP11-20J15.3	CLDN1	0.484577409	3.13E-27
RP11-20J15.3	GDF15	0.337787388	3.54E-13
RP11-20J15.3	ARHGAP36	0.368988558	1.32E-15
RP11-20J15.3	LAMB3	0.552918484	1.63E-36
RP11-20J15.3	KLK10	0.597531984	7.78E-44
RP11-20J15.3	DPP4	0.428033564	5.51E-21
RP11-20J15.3	METTL7B	0.586533017	6.33E-42
RP11-20J15.3	LIPH	0.531664208	2.13E-33
RP11-20J15.3	CLDN16	0.431873756	2.26E-21
RP11-20J15.3	CHI3L1	0.423601624	1.53E-20
RP11-20J15.3	SLC22A31	0.685585233	3.12E-62
RP11-20J15.3	TACSTD2	0.654233198	5.65E-55
RP11-20J15.3	SFTPB	0.50827988	3.25E-30
RP11-20J15.3	RXRG	0.635632923	4.61E-51
RP11-20J15.3	DCSTAMP	0.549618101	5.14E-36
RP11-20J15.3	CITED1	0.458364477	3.44E-24
RP11-20J15.3	SERPINA1	0.610070956	4.17E-46
RP11-20J15.3	PRR15	0.70207727	1.97E-66
RP11-20J15.3	SLC34A2	0.406816661	6.29E-19
RP11-20J15.3	FN1	0.429400385	4.02E-21
RP11-20J15.3	ZCCHC12	0.522465945	4.07E-32
RP4-647J21.1	TFF3	-0.366380628	2.41E-15
RP4-647J21.1	CCL21	-0.003200982	0.946679653

RP4-647J21.1	TPO	-0.354176536	2.68E-14
RP4-647J21.1	MT1G	-0.383698659	0
RP4-647J21.1	DIO1	-0.298380929	2.18E-10
RP4-647J21.1	DPT	0.014544694	0.761209876
RP4-647J21.1	CDH16	-0.290915615	6.27E-10
RP4-647J21.1	CRABP1	-0.53325225	1.27E-33
RP4-647J21.1	SLC26A7	-0.509681944	0
RP4-647J21.1	MT1H	-0.348010074	6.06E-14
RP4-647J21.1	SLC26A4	-0.406838961	0
RP4-647J21.1	SLC5A8	-0.48202904	6.35E-27
RP4-647J21.1	PKHD1L1	-0.279732708	2.46E-09
RP4-647J21.1	TFCP2L1	-0.441617	0
RP4-647J21.1	WSCD2	-0.327059983	2.11E-12
RP4-647J21.1	IPCEF1	-0.316411407	1.49E-11
RP4-647J21.1	SLC5A5	-0.129407785	0.006625799
RP4-647J21.1	MT1F	-0.337683715	4.90E-13
RP4-647J21.1	FOSB	-0.162526488	0.000639506
RP4-647J21.1	SEMA3D	-0.291066044	5.09E-10
RP4-647J21.1	BMP8A	-0.299799868	1.78E-10
RP4-647J21.1	MATN2	-0.551212991	0
RP4-647J21.1	PLA2R1	-0.298667724	2.09E-10
RP4-647J21.1	COL23A1	-0.531026305	0
RP4-647J21.1	HGD	-0.439733687	0
RP4-647J21.1	TCEAL2	-0.295368876	3.35E-10
RP4-647J21.1	CHRD1	0.043389966	0.364430104
RP4-647J21.1	TNFRSF11B	-0.362626483	5.26E-15
RP4-647J21.1	FAM167A	-0.508828369	0
RP4-647J21.1	KIT	-0.313812384	2.23E-11
RP4-647J21.1	SLC4A4	-0.460757495	0
RP4-647J21.1	SMOC2	-0.154031153	0.001220167
RP4-647J21.1	FHL1	-0.470402704	0
RP4-647J21.1	OTOS	-0.366976061	2.13E-15
RP4-647J21.1	IGFBPL1	-0.451289222	2.06E-23
RP4-647J21.1	HBB	-0.213528284	6.71E-06
RP4-647J21.1	BEX1	-0.442898215	0
RP4-647J21.1	FABP4	-0.415830501	8.76E-20
RP4-647J21.1	LMOD1	-0.33501746	7.65E-13
RP4-647J21.1	SOD3	-0.32743201	2.64E-12
RP4-647J21.1	TMEM171	-0.31081806	3.50E-11
RP4-647J21.1	PI16	-0.068627045	0.151096003
RP4-647J21.1	ZMAT4	-0.375432472	3.84E-16
RP4-647J21.1	MFAP4	-0.093421027	0.050481842
RP4-647J21.1	CWH43	-0.348777447	5.29E-14
RP4-647J21.1	SPX	-0.597133472	0
RP4-647J21.1	APOD	0.13686035	0.004094122
RP4-647J21.1	DPP6	-0.369014544	1.36E-15
RP4-647J21.1	MMRN1	-0.190658748	5.99E-05
RP4-647J21.1	WDR72	-0.552559167	0
RP4-647J21.1	MPPED2	-0.482184831	0
RP4-647J21.1	PAPSS2	-0.154169019	0.001207744
RP4-647J21.1	DCN	0.129536022	0.006604455

RP4-647J21.1	SORBS2	-0.438972163	0
RP4-647J21.1	EGR2	-0.26965352	1.08E-08
RP4-647J21.1	EDN3	-0.427838327	5.77E-21
RP4-647J21.1	DIO2	-0.582811467	0
RP4-647J21.1	ITPR1	-0.333863048	9.26E-13
RP4-647J21.1	CFD	-0.052759441	0.269889345
RP4-647J21.1	CPXM1	-0.131006448	0.006010783
RP4-647J21.1	ELMO1	-0.303269346	1.07E-10
RP4-647J21.1	GPC3	-0.158940709	0.000831918
RP4-647J21.1	MYOC	-0.175719386	0.000215547
RP4-647J21.1	DEPTOR	-0.386715251	0
RP4-647J21.1	DGKI	-0.299987802	1.73E-10
RP4-647J21.1	CARTPT	-0.33846212	3.16E-13
RP4-647J21.1	IYD	-0.427539807	0
RP4-647J21.1	LYVE1	-0.082851607	0.082925191
RP4-647J21.1	CLCNKB	-0.472217652	0
RP4-647J21.1	NCAM1	-0.260173268	3.57E-08
RP4-647J21.1	HBA2	-0.161609227	0.000686749
RP4-647J21.1	GLT8D2	-0.284688398	1.48E-09
RP4-647J21.1	OGDHL	-0.546470667	0
RP4-647J21.1	LIFR	-0.430056281	0
RP4-647J21.1	CSGALNACT1	-0.282154336	2.09E-09
RP4-647J21.1	RAP1GAP	-0.626859272	0
RP4-647J21.1	COL9A3	-0.343069129	1.95E-13
RP4-647J21.1	FBLN1	0.115280965	0.015708061
RP4-647J21.1	EFEMP1	-0.045390719	0.342574663
RP4-647J21.1	AOX1	-0.204598154	1.56E-05
RP4-647J21.1	GRIN2C	-0.315967741	1.60E-11
RP4-647J21.1	C11orf74	-0.483452287	0
RP4-647J21.1	PPARGC1A	-0.502906101	0
RP4-647J21.1	ANGPTL1	-0.396684415	0
RP4-647J21.1	SCARA5	0.008175253	0.86437705
RP4-647J21.1	LTF	-0.215874837	5.29E-06
RP4-647J21.1	CA4	-0.532969025	1.39E-33
RP4-647J21.1	TG	-0.616802168	0
RP4-647J21.1	FCGBP	-0.428818326	0
RP4-647J21.1	PBX4	-0.317320158	1.30E-11
RP4-647J21.1	CYR61	-0.230328892	1.15E-06
RP4-647J21.1	FOS	-0.161610788	0.000686666
RP4-647J21.1	KHDRBS2	-0.294590048	3.74E-10
RP4-647J21.1	MUM1L1	-0.322052695	6.22E-12
RP4-647J21.1	RGS16	-0.32530417	3.71E-12
RP4-647J21.1	MT1M	-0.239647733	4.08E-07
RP4-647J21.1	LRP2	-0.397109217	0
RP4-647J21.1	MAFB	-0.169102341	0.000379515
RP4-647J21.1	KCNK2	-0.244674725	2.29E-07
RP4-647J21.1	TBC1D4	-0.327901917	2.45E-12
RP4-647J21.1	MIOX	-0.388332491	2.99E-17
RP4-647J21.1	TPPP	-0.394376158	0
RP4-647J21.1	FMOD	-0.294729474	3.67E-10
RP4-647J21.1	CITED2	-0.252291663	9.33E-08

RP4-647J21.1	RGS8	-0.383889651	7.29E-17
RP4-647J21.1	ABI3BP	-0.232632611	8.93E-07
RP4-647J21.1	ADH1B	-0.083827613	0.079350861
RP4-647J21.1	OGN	0.001398525	0.976690069
RP4-647J21.1	NR4A1	-0.111779857	0.019185436
RP4-647J21.1	FOXJ1	-0.384358182	6.64E-17
RP4-647J21.1	ALDH1A1	-0.507218943	0
RP4-647J21.1	OCA2	-0.216759128	4.58E-06
RP4-647J21.1	TMEM139	-0.139096696	0.003521992
RP4-647J21.1	ARHGAP24	-0.38685723	0
RP4-647J21.1	SLC25A15	-0.422639617	0
RP4-647J21.1	DES	-0.008892763	0.852604336
RP4-647J21.1	GDF10	-0.207793788	1.14E-05
RP4-647J21.1	KIAA1324	-0.29131049	5.93E-10
RP4-647J21.1	JUN	-0.216772808	4.82E-06
RP4-647J21.1	C7	0.167809354	0.000421155
RP4-647J21.1	LGI3	-0.492479937	0
RP4-647J21.1	CDON	-0.502119472	0
RP4-647J21.1	BCL2	-0.473240723	0
RP4-647J21.1	HLF	-0.514366541	0
RP4-647J21.1	EGR1	-0.323225121	5.17E-12
RP4-647J21.1	IP6K3	-0.340119909	3.24E-13
RP4-647J21.1	SCUBE3	-0.274612572	5.69E-09
RP4-647J21.1	PKNOX2	-0.332516588	1.16E-12
RP4-647J21.1	SMAD9	-0.319586006	9.14E-12
RP4-647J21.1	IQGAP2	-0.356363665	1.78E-14
RP4-647J21.1	GNA14	-0.384556206	0
RP4-647J21.1	LAYN	-0.233167053	8.42E-07
RP4-647J21.1	AVPR1A	-0.391607497	0
RP4-647J21.1	PDLIM3	-0.180286057	0.000149516
RP4-647J21.1	GPM6A	-0.48960731	0
RP4-647J21.1	SDPR	-0.428233248	0
RP4-647J21.1	CRYAB	-0.333377256	1.00E-12
RP4-647J21.1	FOXA2	-0.117643496	0.013646073
RP4-647J21.1	C8orf88	-0.413031286	0
RP4-647J21.1	ISM1	-0.188834581	7.06E-05
RP4-647J21.1	BMP2	-0.065074592	0.173440776
RP4-647J21.1	ID4	-0.41489531	0
RP4-647J21.1	NUPR1	-0.414540575	0
RP4-647J21.1	SERTM1	-0.408716272	4.17E-19
RP4-647J21.1	IRS1	-0.513738061	0
RP4-647J21.1	FIBIN	-0.15494345	0.001140101
RP4-647J21.1	PODN	0.073091085	0.126204308
RP4-647J21.1	TDRD9	-0.335972733	6.52E-13
RP4-647J21.1	EPHA3	-0.132425387	0.005483823
RP4-647J21.1	AIF1L	-0.335322835	7.27E-13
RP4-647J21.1	EBF4	-0.360794373	7.57E-15
RP4-647J21.1	ADM2	-0.359829739	9.15E-15
RP4-647J21.1	GSTM3	-0.498875657	0
RP4-647J21.1	HSD17B6	-0.083604337	0.080160544
RP4-647J21.1	AGR3	-0.123683876	0.009485443

RP4-647J21.1	EPHB1	-0.493045442	0
RP4-647J21.1	TMOD1	-0.267210518	1.48E-08
RP4-647J21.1	WASF3	-0.534630954	0
RP4-647J21.1	SELV	-0.333088777	7.80E-13
RP4-647J21.1	ENPP1	-0.398874948	0
RP4-647J21.1	SYNE1	-0.375777777	3.59E-16
RP4-647J21.1	PLCH1	-0.318450883	1.09E-11
RP4-647J21.1	CCDC146	-0.362501383	5.39E-15
RP4-647J21.1	SLC16A2	-0.35428107	2.63E-14
RP4-647J21.1	IER2	-0.332729627	1.12E-12
RP4-647J21.1	KCNAB1	-0.41498722	0
RP4-647J21.1	SYNDIG1	-0.281927964	2.15E-09
RP4-647J21.1	C16orf89	-0.561296476	0
RP4-647J21.1	CTGF	-0.065381244	0.171419863
RP4-647J21.1	NR4A3	0.033226057	0.487300589
RP4-647J21.1	KIAA1456	-0.562505213	0
RP4-647J21.1	AQP4	-0.4067401	0
RP4-647J21.1	RNF150	-0.341954005	2.37E-13
RP4-647J21.1	C1S	0.277104225	4.10E-09
RP4-647J21.1	PFKFB2	-0.584029848	0
RP4-647J21.1	PROX1	-0.329172636	1.99E-12
RP4-647J21.1	TCF7L1	-0.354652258	2.46E-14
RP4-647J21.1	HSPB6	-0.119696781	0.012119024
RP4-647J21.1	FHDC1	-0.381599185	2.44E-17
RP4-647J21.1	PRR15L	-0.525721596	0
RP4-647J21.1	SLC1A1	-0.385169935	0
RP4-647J21.1	BTBD11	-0.577945744	0
RP4-647J21.1	TRIM58	-0.413726147	0
RP4-647J21.1	LRIG1	-0.352502007	3.65E-14
RP4-647J21.1	ROR2	-0.035719128	0.455213198
RP4-647J21.1	GPR125	-0.419780464	0
RP4-647J21.1	FLRT1	-0.437304868	0
RP4-647J21.1	PGF	-0.332689345	1.12E-12
RP4-647J21.1	DUSP1	-0.099613919	0.036979555
RP4-647J21.1	PLA2G7	-0.109815555	0.02141642
RP4-647J21.1	PLSCR4	-0.336322504	6.15E-13
RP4-647J21.1	FAM46B	-0.258988077	4.14E-08
RP4-647J21.1	GLDC	-0.13231135	0.005524583
RP4-647J21.1	ZBTB16	-0.404148452	0
RP4-647J21.1	OMD	0.088163356	0.064956713
RP4-647J21.1	HSD11B2	-0.484159346	0
RP4-647J21.1	FGL2	0.151773673	0.001441065
RP4-647J21.1	CLCNKA	-0.46823013	2.65E-25
RP4-647J21.1	GATM	-0.676894306	0
RP4-647J21.1	TNS3	-0.200103257	2.50E-05
RP4-647J21.1	TOB1	-0.071962345	0.132175118
RP4-647J21.1	MARC2	-0.560562186	0
RP4-647J21.1	LRRC2	-0.451731264	0
RP4-647J21.1	SORD	-0.391653452	0
RP4-647J21.1	RIMS4	-0.544232051	0
RP4-647J21.1	SLC29A4	-0.315785622	1.65E-11

RP4-647J21.1	SLC39A14	-0.564045564	0
RP4-647J21.1	FAXDC2	-0.509021267	0
RP4-647J21.1	HSPB8	-0.04654584	0.330422675
RP4-647J21.1	CCL19	0.358570104	9.14E-15
RP4-647J21.1	KCNIP3	-0.468824766	0
RP4-647J21.1	CGNL1	-0.470032225	0
RP4-647J21.1	ATF3	0.09219144	0.053602929
RP4-647J21.1	SGCD	-0.092049745	0.05397271
RP4-647J21.1	STARD13	-0.297033051	2.64E-10
RP4-647J21.1	LDHD	-0.587880159	0
RP4-647J21.1	RCAN1	-0.121781077	0.010692519
RP4-647J21.1	ID3	-0.182111501	0.000127747
RP4-647J21.1	SYTL3	-0.544563099	0
RP4-647J21.1	MT1E	-0.23895727	4.41E-07
RP4-647J21.1	CAMK1D	-0.395998349	0
RP4-647J21.1	PRKCQ	-0.531324163	0
RP4-647J21.1	NUAK2	-0.173049669	0.000274921
RP4-647J21.1	LIPG	-0.555206274	0
RP4-647J21.1	SLC25A25	-0.235195891	6.72E-07
RP4-647J21.1	PRKX	-0.26806537	1.33E-08
RP4-647J21.1	SRPX	0.059449757	0.213718804
RP4-647J21.1	FAM189A1	-0.510778913	0
RP4-647J21.1	PLEKHH1	-0.36155774	6.51E-15
RP4-647J21.1	WNT11	-0.189483202	6.66E-05
RP4-647J21.1	SNAI1	-0.083894536	0.079114847
RP4-647J21.1	FDCSP	0.281645342	1.90E-09
RP4-647J21.1	MT1X	-0.463861034	0
RP4-647J21.1	ACACB	-0.519748551	0
RP4-647J21.1	ARC	-0.199157062	2.73E-05
RP4-647J21.1	KLK4	-0.131722618	0.005708356
RP4-647J21.1	ZFPM2	-0.167711203	0.000424483
RP4-647J21.1	AKAP12	-0.273353767	6.70E-09
RP4-647J21.1	GJB6	-0.268916573	1.04E-08
RP4-647J21.1	ERO1LB	-0.389572276	0
RP4-647J21.1	DNALI1	-0.248110871	1.53E-07
RP4-647J21.1	HKDC1	-0.217629079	4.42E-06
RP4-647J21.1	ZFP36L2	-0.275135525	5.31E-09
RP4-647J21.1	CAPSL	-0.420619811	3.00E-20
RP4-647J21.1	CYP7B1	-0.349573496	6.21E-14
RP4-647J21.1	CPQ	-0.299088838	1.97E-10
RP4-647J21.1	RPS6KA6	-0.482005849	6.40E-27
RP4-647J21.1	TLE1	-0.260804585	3.31E-08
RP4-647J21.1	TP53INP2	-0.385635161	0
RP4-647J21.1	KATNAL2	-0.560459921	0
RP4-647J21.1	SGPP2	-0.036361083	0.447147188
RP4-647J21.1	CTH	-0.311481999	3.17E-11
RP4-647J21.1	KIF12	-0.194767345	4.12E-05
RP4-647J21.1	TMEM220	-0.517741414	0
RP4-647J21.1	CENPJ	-0.145886581	0.002201098
RP4-647J21.1	FAM155B	-0.362823495	5.05E-15
RP4-647J21.1	WFS1	-0.362499255	5.39E-15

RP4-647J21.1	SELENBP1	-0.448075979	0
RP4-647J21.1	SNTA1	-0.556697833	0
RP4-647J21.1	FRAS1	-0.088446798	0.064112336
RP4-647J21.1	FBLN7	-0.299040046	1.98E-10
RP4-647J21.1	AGPAT9	-0.550077443	0
RP4-647J21.1	GPR83	-0.375096095	3.04E-16
RP4-647J21.1	PRTG	-0.474199258	0
RP4-647J21.1	EGR3	-0.031839599	0.505658788
RP4-647J21.1	GRAMD2	-0.114736594	0.016209491
RP4-647J21.1	HYOU1	-0.356204523	1.84E-14
RP4-647J21.1	FBLN5	-0.003593018	0.940137441
RP4-647J21.1	ITM2A	-0.293873061	4.14E-10
RP4-647J21.1	SRF	-0.176286534	0.000209963
RP4-647J21.1	FGFR2	-0.404203343	0
RP4-647J21.1	MT1A	-0.051391708	0.282636303
RP4-647J21.1	MAMDC2	0.02062936	0.666314357
RP4-647J21.1	FHL2	-0.133847587	0.004997753
RP4-647J21.1	FTCDNL1	-0.596368686	0
RP4-647J21.1	PKIA	-0.436745462	0
RP4-647J21.1	DNAJB4	-0.361006561	7.26E-15
RP4-647J21.1	SLC25A33	-0.421585767	0
RP4-647J21.1	EYA2	-0.355803975	1.98E-14
RP4-647J21.1	LPAR1	-0.038342123	0.422773556
RP4-647J21.1	STX11	-0.099229824	0.037717089
RP4-647J21.1	ARHGEF28	-0.433065639	0
RP4-647J21.1	OR2W3	-0.406009923	0
RP4-647J21.1	ALDH1B1	-0.441284691	2.40E-22
RP4-647J21.1	CXCL12	0.043659313	0.361315659
RP4-647J21.1	OLFM2	-0.19510591	3.99E-05
RP4-647J21.1	TUB	-0.513232837	0
RP4-647J21.1	HTRA3	0.067628937	0.157140654
RP4-647J21.1	CKB	-0.283669298	1.70E-09
RP4-647J21.1	RGS2	0.21995535	3.47E-06
RP4-647J21.1	SHANK2	-0.397036597	0
RP4-647J21.1	CNTFR	-0.36960099	1.17E-15
RP4-647J21.1	CYTH3	-0.404563752	0
RP4-647J21.1	PLAC9	-0.181211686	0.000138076
RP4-647J21.1	WWOX	-0.601405606	0
RP4-647J21.1	NPR3	-0.19598842	3.68E-05
RP4-647J21.1	SDC2	-0.243600167	2.59E-07
RP4-647J21.1	KLF15	-0.554980469	0
RP4-647J21.1	TMEM164	-0.338407509	4.33E-13
RP4-647J21.1	LONRF3	-0.256250337	5.78E-08
RP4-647J21.1	GBP1	0.212175867	7.69E-06
RP4-647J21.1	ARHGAP6	-0.306201829	6.97E-11
RP4-647J21.1	TMEM119	0.157339221	0.000952334
RP4-647J21.1	SH3RF1	-0.445361217	0
RP4-647J21.1	CRELD2	-0.289477812	7.66E-10
RP4-647J21.1	PCP4	-0.05889645	0.218017588
RP4-647J21.1	GCSH	-0.642355971	0
RP4-647J21.1	IMPA2	-0.435809904	0

RP4-647J21.1	C1R	0.328848963	2.10E-12
RP4-647J21.1	SUCNR1	-0.151355254	0.001485841
RP4-647J21.1	SFRP1	-0.245173282	2.16E-07
RP4-647J21.1	UGT8	-0.456290335	0
RP4-647J21.1	TLE4	0.067935163	0.155266983
RP4-647J21.1	ANTXR1	-0.159929876	0.000781727
RP4-647J21.1	GPX3	-0.340725695	2.92E-13
RP4-647J21.1	DPY19L2	-0.322909675	5.43E-12
RP4-647J21.1	FAM46C	-0.299157629	1.95E-10
RP4-647J21.1	IL33	0.071846396	0.132839012
RP4-647J21.1	PEG3	-0.519471685	0
RP4-647J21.1	FAHD2A	-0.513937768	0
RP4-647J21.1	PTGDS	0.109206932	0.022151915
RP4-647J21.1	CHCHD10	-0.443292806	0
RP4-647J21.1	CD36	-0.42864798	0
RP4-647J21.1	ANKRD37	-0.184020345	0.000108192
RP4-647J21.1	TSPAN33	-0.238290636	4.75E-07
RP4-647J21.1	PRDM16	-0.447242544	0
RP4-647J21.1	UST	-0.550689754	0
RP4-647J21.1	NEXN	-0.285451056	1.33E-09
RP4-647J21.1	NUPR1L	-0.323067725	4.02E-12
RP4-647J21.1	SLC24A3	-0.311377182	3.22E-11
RP4-647J21.1	MARC1	-0.483735678	0
RP4-647J21.1	MYH11	-0.075865419	0.112419017
RP4-647J21.1	APOA1	-0.327904552	1.83E-12
RP4-647J21.1	TMEM178B	-0.106068927	0.026301721
RP4-647J21.1	CAPN6	0.14422804	0.002452431
RP4-647J21.1	PPM1L	-0.445923317	0
RP4-647J21.1	FZD8	-0.381937751	1.90E-17
RP4-647J21.1	RCAN2	-0.335937416	6.56E-13
RP4-647J21.1	COPZ2	-0.472793085	0
RP4-647J21.1	GAS1	0.010235393	0.83059788
RP4-647J21.1	DACT1	-0.0943763	0.04816319
RP4-647J21.1	WBSCR17	-0.300541534	1.60E-10
RP4-647J21.1	NCS1	-0.307037958	6.16E-11
RP4-647J21.1	SPIRE2	-0.170365259	0.000342576
RP4-647J21.1	C15orf52	-0.238081993	4.87E-07
RP4-647J21.1	SPAG5	-0.057184051	0.231713493
RP4-647J21.1	ARL4D	-0.317652198	1.23E-11
RP4-647J21.1	FAM189A2	-0.358541574	1.18E-14
RP4-647J21.1	MAP1LC3A	-0.488714019	0
RP4-647J21.1	KLF6	0.132227807	0.005554616
RP4-647J21.1	ADD3	-0.321112457	7.20E-12
RP4-647J21.1	TSPAN7	-0.425947685	0
RP4-647J21.1	KLF9	-0.293060618	4.64E-10
RP4-647J21.1	KCNQ1	-0.612459115	0
RP4-647J21.1	MAN1A1	0.211071806	8.59E-06
RP4-647J21.1	MLF1	-0.35428107	2.63E-14
RP4-647J21.1	RARB	-0.344089505	1.64E-13
RP4-647J21.1	CDC42EP2	-0.231136796	1.05E-06
RP4-647J21.1	FAM3B	-0.012390324	0.795651608

RP4-647J21.1	GADD45B	0.026993592	0.572566903
RP4-647J21.1	TMEM47	-0.34862035	7.37E-14
RP4-647J21.1	SDF2L1	-0.29745913	2.49E-10
RP4-647J21.1	CCDC85A	-0.125708973	0.008403469
RP4-647J21.1	CRYBG3	-0.189617238	6.58E-05
RP4-647J21.1	FBLN2	0.178519334	0.000173863
RP4-647J21.1	PEBP4	-0.449312941	0
RP4-647J21.1	CDADC1	-0.557807709	0
RP4-647J21.1	FAM63A	-0.441381409	0
RP4-647J21.1	GLUL	-0.078134388	0.102049343
RP4-647J21.1	FREM2	-0.399426411	0
RP4-647J21.1	ACKR3	-0.296176496	2.99E-10
RP4-647J21.1	DENND6A	-0.458688659	0
RP4-647J21.1	CLDN8	-0.121685479	0.010754536
RP4-647J21.1	UTS2R	0.019283013	0.687014781
RP4-647J21.1	SCNN1B	-0.237539041	5.17E-07
RP4-647J21.1	TTC30A	-0.391732314	0
RP4-647J21.1	CORO2B	-0.348210866	7.93E-14
RP4-647J21.1	TC2N	-0.107714663	0.024048623
RP4-647J21.1	ALDH2	-0.414129957	0
RP4-647J21.1	GPR183	0.227951843	1.49E-06
RP4-647J21.1	C4orf47	-0.351832252	4.13E-14
RP4-647J21.1	SLC25A42	-0.550595574	0
RP4-647J21.1	LGMN	-0.360873093	7.46E-15
RP4-647J21.1	ACSF2	-0.445308311	0
RP4-647J21.1	KIAA1467	-0.50714306	0
RP4-647J21.1	PRKG1	-0.435779126	0
RP4-647J21.1	GNAI1	-0.405386265	0
RP4-647J21.1	ABCC4	-0.177140535	0.000195398
RP4-647J21.1	PRPS1	-0.477040398	0
RP4-647J21.1	TSPAN5	-0.18628364	8.87E-05
RP4-647J21.1	CR2	0.101069324	0.034257856
RP4-647J21.1	CCDC170	-0.288895997	8.30E-10
RP4-647J21.1	RRAD	0.360456801	8.10E-15
RP4-647J21.1	SCGB2A1	-0.329487372	1.90E-12
RP4-647J21.1	SESN3	-0.088498143	0.063957521
RP4-647J21.1	SGK223	-0.084649818	0.076445081
RP4-647J21.1	NDRG2	-0.506538124	0
RP4-647J21.1	C3orf52	-0.034197925	0.474649201
RP4-647J21.1	FLRT3	0.401593966	0
RP4-647J21.1	MST1R	0.551733817	0
RP4-647J21.1	SDC1	0.360606439	7.86E-15
RP4-647J21.1	ST8SIA4	0.590562583	0
RP4-647J21.1	UBTD1	0.191678416	5.46E-05
RP4-647J21.1	EPHA2	0.430444489	0
RP4-647J21.1	TMEM130	0.299667817	1.81E-10
RP4-647J21.1	SPINK2	0.233883189	7.78E-07
RP4-647J21.1	MMP16	0.614852192	0
RP4-647J21.1	SIGLEC15	0.45698789	0
RP4-647J21.1	RIN1	0.514798435	0
RP4-647J21.1	IL1RN	0.476673891	0

RP4-647J21.1	FCER1G	0.564560291	0
RP4-647J21.1	CD276	0.590423015	0
RP4-647J21.1	CTSB	0.063790682	0.182095118
RP4-647J21.1	FAM171A2	-0.014508236	0.761699143
RP4-647J21.1	ASPHD1	0.437947957	0
RP4-647J21.1	C15orf48	0.4599503	0
RP4-647J21.1	DYSF	0.166938332	0.000451563
RP4-647J21.1	PDZRN4	0.142820488	0.002728258
RP4-647J21.1	EFHD2	0.32118139	7.13E-12
RP4-647J21.1	ASF1B	0.398165195	0
RP4-647J21.1	AQP1	0.115480246	0.015527931
RP4-647J21.1	ARRDC2	0.431321752	0
RP4-647J21.1	PRSS1	0.210261716	8.88E-06
RP4-647J21.1	MAPK13	0.486379948	0
RP4-647J21.1	CST5	0.590334356	1.41E-42
RP4-647J21.1	AHR	0.535112633	0
RP4-647J21.1	BAX	0.499086853	0
RP4-647J21.1	C1orf115	0.004575099	0.923819222
RP4-647J21.1	PLK3	0.481757192	0
RP4-647J21.1	JAG2	0.282421273	2.01E-09
RP4-647J21.1	RAD23B	0.151682188	0.001450748
RP4-647J21.1	CA12	-0.111828224	0.01913316
RP4-647J21.1	ADTRP	0.180325062	0.000149016
RP4-647J21.1	UCP2	0.361588377	6.47E-15
RP4-647J21.1	IGFBP2	0.164838008	0.000533492
RP4-647J21.1	LOXL2	0.372072127	6.65E-16
RP4-647J21.1	GPX1	0.38385397	0
RP4-647J21.1	P3H3	0.383018124	4.74E-18
RP4-647J21.1	C2orf81	0.23672759	5.67E-07
RP4-647J21.1	CDT1	0.309925621	4.00E-11
RP4-647J21.1	SNX25	0.35145922	4.42E-14
RP4-647J21.1	MTHFD1L	0.439677945	0
RP4-647J21.1	CDC42BPG	0.454213643	9.87E-24
RP4-647J21.1	MSN	0.296226139	2.97E-10
RP4-647J21.1	SIGLEC6	0.504113483	1.13E-29
RP4-647J21.1	F2R	0.437118777	0
RP4-647J21.1	TMEM184A	0.504337238	0
RP4-647J21.1	CKS2	0.350730461	5.04E-14
RP4-647J21.1	TAX1BP3	0.501020234	0
RP4-647J21.1	PMEP1	0.423455039	0
RP4-647J21.1	CXCL16	0.666034262	0
RP4-647J21.1	FAXC	0.596831075	0
RP4-647J21.1	VTCN1	0.609814685	4.65E-46
RP4-647J21.1	SH2D4A	0.445034849	0
RP4-647J21.1	RNF24	0.223509363	2.39E-06
RP4-647J21.1	LY6G6C	0.405070608	9.16E-19
RP4-647J21.1	NID1	0.443504852	0
RP4-647J21.1	STAC	0.606415719	0
RP4-647J21.1	RAB34	0.336434271	6.04E-13
RP4-647J21.1	HES4	0.303206087	1.08E-10
RP4-647J21.1	EPHA10	0.316260776	1.53E-11

RP4-647J21.1	ENTPD2	0.180720788	0.000144036
RP4-647J21.1	DDB2	0.468844481	0
RP4-647J21.1	NKAIN4	0.516830394	0
RP4-647J21.1	TRIM29	0.534058357	0
RP4-647J21.1	ADCY8	0.297937665	1.89E-10
RP4-647J21.1	SFTA2	0.436564336	0
RP4-647J21.1	NRIP1	0.392300229	0
RP4-647J21.1	VWA1	0.197515439	3.19E-05
RP4-647J21.1	APLNR	0.197119572	3.31E-05
RP4-647J21.1	REN	0.314803906	1.48E-11
RP4-647J21.1	EDIL3	0.194623664	4.17E-05
RP4-647J21.1	AGRN	0.296701861	2.77E-10
RP4-647J21.1	TREM1	0.550585078	0
RP4-647J21.1	SRL	0.374620089	3.47E-16
RP4-647J21.1	RASGRF1	0.546969224	0
RP4-647J21.1	RMI2	0.352462009	3.68E-14
RP4-647J21.1	SAMD1	0.343233092	1.90E-13
RP4-647J21.1	MGAT4B	0.319567851	9.17E-12
RP4-647J21.1	NXN	0.633503632	0
RP4-647J21.1	SH3BGRL3	0.528778754	0
RP4-647J21.1	CA11	0.053392319	0.264179691
RP4-647J21.1	PLD3	0.1928029	4.93E-05
RP4-647J21.1	LURAP1L	0.287573791	9.97E-10
RP4-647J21.1	CARNS1	0.047770178	0.317850186
RP4-647J21.1	PDLIM7	0.389911692	0
RP4-647J21.1	BCL2L1	0.66781063	0
RP4-647J21.1	GGT6	0.19509357	3.99E-05
RP4-647J21.1	DPYSL3	0.590442589	0
RP4-647J21.1	FYN	0.473398872	0
RP4-647J21.1	TK1	0.395494969	0
RP4-647J21.1	AK1	0.181907965	0.000130018
RP4-647J21.1	HIGD1B	-0.040354933	0.398822541
RP4-647J21.1	TMEM59L	0.451888278	0
RP4-647J21.1	MEGF9	0.218997524	3.83E-06
RP4-647J21.1	ZFP36L1	0.509078569	0
RP4-647J21.1	ADRA1B	0.308378036	5.05E-11
RP4-647J21.1	EPHA4	0.527281238	0
RP4-647J21.1	TCERG1L	0.28340846	1.76E-09
RP4-647J21.1	NGFR	0.12538374	0.008574863
RP4-647J21.1	EBI3	0.61861896	0
RP4-647J21.1	S100A10	0.712811864	0
RP4-647J21.1	S100B	0.530864327	0
RP4-647J21.1	CD44	0.15754687	0.000937485
RP4-647J21.1	BHLHE41	0.12865493	0.006984889
RP4-647J21.1	FBX02	0.279436311	3.00E-09
RP4-647J21.1	SLC30A2	0.321246635	7.05E-12
RP4-647J21.1	FRMD5	0.434974767	0
RP4-647J21.1	SAMD11	0.184413518	0.00010453
RP4-647J21.1	SIPA1L2	0.373633754	4.50E-16
RP4-647J21.1	S100A16	0.486547315	0
RP4-647J21.1	PPL	0.45979045	0

RP4-647J21.1	ARHGDIB	0.49533909	0
RP4-647J21.1	CDC42EP3	0.670526953	0
RP4-647J21.1	RUNX2	0.449583283	0
RP4-647J21.1	LAMC2	0.488875005	0
RP4-647J21.1	BRINP1	0.188385099	7.35E-05
RP4-647J21.1	GPRC5B	0.183969426	0.000108675
RP4-647J21.1	AQP5	0.38681326	0
RP4-647J21.1	PLAG1	0.208491647	1.11E-05
RP4-647J21.1	PTPRU	0.516496084	0
RP4-647J21.1	ANGPTL4	0.373161436	5.07E-16
RP4-647J21.1	PALM3	0.142624469	0.002765587
RP4-647J21.1	ACP5	0.566195673	0
RP4-647J21.1	DLG4	0.124469742	0.009073335
RP4-647J21.1	ETNK2	0.254910827	6.81E-08
RP4-647J21.1	CD109	0.602682424	0
RP4-647J21.1	SNX22	0.248577657	1.45E-07
RP4-647J21.1	TMEM98	0.292105203	5.31E-10
RP4-647J21.1	CTHRC1	0.540820017	0
RP4-647J21.1	S100A2	0.563015826	0
RP4-647J21.1	C11orf80	0.485127668	0
RP4-647J21.1	SREBF1	0.571405918	0
RP4-647J21.1	PRSS22	0.460738773	0
RP4-647J21.1	CMTM3	0.605382294	0
RP4-647J21.1	RDH5	0.139231583	0.003489924
RP4-647J21.1	MYH10	0.450602382	0
RP4-647J21.1	EVPL	0.449214364	0
RP4-647J21.1	SCD	0.490917459	0
RP4-647J21.1	CD151	0.395552697	0
RP4-647J21.1	S100A4	0.619343181	0
RP4-647J21.1	BNIP1	0.192827864	4.92E-05
RP4-647J21.1	MAP3K6	0.416747277	0
RP4-647J21.1	MANEAL	0.116436654	0.014688437
RP4-647J21.1	CD207	0.455920747	6.41E-24
RP4-647J21.1	CD1A	0.502538733	1.80E-29
RP4-647J21.1	C3	0.616466865	0
RP4-647J21.1	NT5E	0.583186059	0
RP4-647J21.1	CACNG4	0.560420888	1.14E-37
RP4-647J21.1	FHOD1	0.353062406	3.30E-14
RP4-647J21.1	LEMD1	0.412719387	0
RP4-647J21.1	ATP11A	0.471481943	0
RP4-647J21.1	PPAP2C	0.325280483	3.73E-12
RP4-647J21.1	DRAM1	0.751239231	0
RP4-647J21.1	CDA	0.229523115	1.25E-06
RP4-647J21.1	CCND2	0.13605046	0.004321238
RP4-647J21.1	LCN6	0.159256793	0.000811966
RP4-647J21.1	CDH4	0.192107757	5.25E-05
RP4-647J21.1	MMP11	0.586339099	0
RP4-647J21.1	B3GAT1	0.236038687	6.12E-07
RP4-647J21.1	SPP1	0.416507005	0
RP4-647J21.1	HLA-DQB1	0.440005588	0
RP4-647J21.1	SDC3	0.524628741	0

RP4-647J21.1	CX3CL1	0.586934673	0
RP4-647J21.1	SDK1	0.528687978	0
RP4-647J21.1	DOCK9	0.345941614	1.18E-13
RP4-647J21.1	CSF2	0.645182476	4.89E-53
RP4-647J21.1	GRHL3	0.662444506	0
RP4-647J21.1	TMEM92	0.569135262	4.78E-39
RP4-647J21.1	BASP1	0.58064221	0
RP4-647J21.1	HRH1	0.634131687	0
RP4-647J21.1	ESM1	0.162893846	0.000621445
RP4-647J21.1	B4GALNT3	0.23050165	1.13E-06
RP4-647J21.1	LMO3	0.275056238	5.36E-09
RP4-647J21.1	C9orf16	0.351843599	4.12E-14
RP4-647J21.1	SEMA3F	0.213441905	6.77E-06
RP4-647J21.1	PLA2G12B	0.09342062	0.050455938
RP4-647J21.1	KLK6	0.391383582	1.61E-17
RP4-647J21.1	ST3GAL5	0.235808486	6.28E-07
RP4-647J21.1	FAM132B	0.012443797	0.794789317
RP4-647J21.1	CDKN1A	0.38694375	0
RP4-647J21.1	E2F1	0.323001302	5.35E-12
RP4-647J21.1	B3GNT8	0.32963389	1.85E-12
RP4-647J21.1	MTMR11	0.593620875	0
RP4-647J21.1	MYO1G	0.964237611	0
RP4-647J21.1	TMSB10	0.604590275	0
RP4-647J21.1	UNC5CL	0.530192445	0
RP4-647J21.1	ABR	0.546838592	0
RP4-647J21.1	PLP2	0.524957094	0
RP4-647J21.1	SRCIN1	0.108883401	0.022551734
RP4-647J21.1	PDE9A	0.499527682	0
RP4-647J21.1	TREM2	0.471439959	0
RP4-647J21.1	KDELR3	0.555884113	0
RP4-647J21.1	PC	0.118179974	0.013260415
RP4-647J21.1	C2CD4A	0.429805513	0
RP4-647J21.1	PELI1	0.768042818	0
RP4-647J21.1	SSX1	0.436847017	0
RP4-647J21.1	MROH6	0.513848126	0
RP4-647J21.1	ESPN	0.334685703	8.08E-13
RP4-647J21.1	BMP1	0.397473313	0
RP4-647J21.1	TM4SF4	0.473575511	6.37E-26
RP4-647J21.1	CORO2A	0.41502268	0
RP4-647J21.1	CD164L2	0.247185535	1.55E-07
RP4-647J21.1	CTSS	0.62297024	0
RP4-647J21.1	CLU	0.368457833	1.54E-15
RP4-647J21.1	TMSB4X	0.69000417	0
RP4-647J21.1	WNT10A	0.527588263	7.96E-33
RP4-647J21.1	NAPSA	0.70969939	0
RP4-647J21.1	PLEKHA4	0.23475109	7.06E-07
RP4-647J21.1	SFTPA1	0.413031205	1.63E-19
RP4-647J21.1	C1orf116	0.573614606	0
RP4-647J21.1	TM4SF1	0.585749056	0
RP4-647J21.1	SEL1L3	0.583922194	0
RP4-647J21.1	VASN	0.387697047	0

RP4-647J21.1	NPTXR	0.275243038	5.24E-09
RP4-647J21.1	PDE4C	0.492471143	0
RP4-647J21.1	CDC42EP1	0.53338066	0
RP4-647J21.1	ENDOD1	0.355364564	2.15E-14
RP4-647J21.1	RYR1	0.46632361	0
RP4-647J21.1	IL1RAP	0.495309588	0
RP4-647J21.1	SLC35F2	0.403841177	1.19E-18
RP4-647J21.1	ISYNA1	0.339899211	3.37E-13
RP4-647J21.1	HLA-G	0.63873799	0
RP4-647J21.1	CDKN2B	0.491531472	0
RP4-647J21.1	ALDH1A3	0.617126124	0
RP4-647J21.1	CLIP3	0.437975048	0
RP4-647J21.1	ULBP2	0.328482882	2.23E-12
RP4-647J21.1	ETHE1	0.512804347	0
RP4-647J21.1	XPR1	0.580173722	0
RP4-647J21.1	SPTBN2	0.364563837	3.54E-15
RP4-647J21.1	IVL	0.688664119	5.38E-63
RP4-647J21.1	MARCO	0.572367716	0
RP4-647J21.1	PLXND1	0.367778859	1.79E-15
RP4-647J21.1	EMILIN2	0.527680935	0
RP4-647J21.1	PLAUR	0.73455805	0
RP4-647J21.1	CDC42EP5	0.471385777	0
RP4-647J21.1	TRPC5	0.150771101	0.001534243
RP4-647J21.1	TMEM100	0.452506404	0
RP4-647J21.1	QSOX1	0.559258419	0
RP4-647J21.1	ARHGAP23	0.498319656	0
RP4-647J21.1	MDFI	0.654711404	0
RP4-647J21.1	FSTL3	0.445496104	0
RP4-647J21.1	INF2	0.265322382	1.88E-08
RP4-647J21.1	TGFBR1	0.320024566	8.54E-12
RP4-647J21.1	TGFBI	0.426197176	0
RP4-647J21.1	ERBB3	0.429949336	0
RP4-647J21.1	CCL18	0.551770127	0
RP4-647J21.1	CCL17	0.594117539	3.10E-43
RP4-647J21.1	C16orf45	0.226852748	1.67E-06
RP4-647J21.1	PRDM1	0.332150223	1.23E-12
RP4-647J21.1	TRIM47	0.497528772	0
RP4-647J21.1	CNFN	0.300310907	1.65E-10
RP4-647J21.1	ARMCX3	0.086285059	0.070915645
RP4-647J21.1	RAMP1	0.254629706	7.04E-08
RP4-647J21.1	GABRD	0.08802228	0.065404191
RP4-647J21.1	COL13A1	0.265055444	1.94E-08
RP4-647J21.1	S100A5	0.308565403	4.91E-11
RP4-647J21.1	MISP	0.597820672	0
RP4-647J21.1	HES6	0.100648763	0.035053159
RP4-647J21.1	PSD3	0.316740753	1.42E-11
RP4-647J21.1	DOK7	0.386823189	0
RP4-647J21.1	ZMAT3	0.472936908	0
RP4-647J21.1	MFAP2	0.401912816	0
RP4-647J21.1	TMEM79	0.418214441	0
RP4-647J21.1	SLC1A5	0.451793389	0

RP4-647J21.1	BBC3	0.491043411	0
RP4-647J21.1	HLA-DQB2	0.508186981	0
RP4-647J21.1	C1QL1	0.191137023	5.74E-05
RP4-647J21.1	TMEM215	0.036417437	0.446593128
RP4-647J21.1	PNP	0.484382739	0
RP4-647J21.1	ARNTL	0.42966325	0
RP4-647J21.1	CLDN2	0.113821394	0.017042866
RP4-647J21.1	MVP	0.602513779	0
RP4-647J21.1	LGALS1	0.545307035	0
RP4-647J21.1	BIRC7	0.410184906	3.03E-19
RP4-647J21.1	COL8A1	0.377848161	1.33E-16
RP4-647J21.1	PERP	0.527112026	0
RP4-647J21.1	GJA4	0.285638849	1.30E-09
RP4-647J21.1	IGFL2	0.592016523	7.22E-43
RP4-647J21.1	DAPK2	0.29835398	2.19E-10
RP4-647J21.1	MAMLD1	0.460242768	0
RP4-647J21.1	ETV5	0.156307355	0.001029398
RP4-647J21.1	RUNX1	0.683290309	0
RP4-647J21.1	LONRF2	0.077842913	0.103337324
RP4-647J21.1	SPOCK1	0.188158443	7.50E-05
RP4-647J21.1	XKRX	0.426644531	0
RP4-647J21.1	TGFB1	0.468987028	0
RP4-647J21.1	ERP27	0.315391598	1.75E-11
RP4-647J21.1	TNFRSF10C	0.379501272	7.21E-17
RP4-647J21.1	PALM	0.383776811	0
RP4-647J21.1	TSC22D1	0.237064454	5.46E-07
RP4-647J21.1	TGM2	0.679641975	0
RP4-647J21.1	UBE2QL1	0.032828488	0.492527852
RP4-647J21.1	ECE1	0.465947316	0
RP4-647J21.1	COL8A2	0.668689311	0
RP4-647J21.1	HIST3H2A	0.377586471	1.45E-16
RP4-647J21.1	TNFRSF21	0.585029658	0
RP4-647J21.1	SOX4	0.602570656	0
RP4-647J21.1	ELF3	0.62708607	0
RP4-647J21.1	TPD52L1	0.113770258	0.017134229
RP4-647J21.1	INHBB	0.299513924	1.85E-10
RP4-647J21.1	HPN	0.237202745	5.37E-07
RP4-647J21.1	MMP7	0.569328425	4.45E-39
RP4-647J21.1	RAB27A	0.303696417	1.01E-10
RP4-647J21.1	IGF2BP2	0.335241279	7.37E-13
RP4-647J21.1	ITGB4	0.745901191	0
RP4-647J21.1	PPP1R1B	0.525264597	0
RP4-647J21.1	NPDC1	0.23386092	7.80E-07
RP4-647J21.1	CCL13	0.601664034	1.42E-44
RP4-647J21.1	SPINT1	0.429065265	0
RP4-647J21.1	HEY2	0.245718788	2.03E-07
RP4-647J21.1	CST2	0.613537524	9.43E-47
RP4-647J21.1	ADM	0.08080589	0.090829534
RP4-647J21.1	VSTM2L	0.480349742	0
RP4-647J21.1	FAM84A	0.635126249	0
RP4-647J21.1	P4HA2	0.228096092	1.46E-06

RP4-647J21.1	LPL	0.498818355	0
RP4-647J21.1	TMEM173	0.734272248	0
RP4-647J21.1	DHRS3	0.324065081	4.52E-12
RP4-647J21.1	SCN1B	0.387671517	0
RP4-647J21.1	GLT1D1	0.142904172	0.002712462
RP4-647J21.1	PHYHIP	0.363538071	4.37E-15
RP4-647J21.1	BHLHE40	0.576616731	0
RP4-647J21.1	BID	0.430771849	0
RP4-647J21.1	POSTN	0.418027216	0
RP4-647J21.1	ITGA3	0.501801615	0
RP4-647J21.1	RSPO4	0.365481523	2.92E-15
RP4-647J21.1	ADAMTS9	0.175615786	0.00022211
RP4-647J21.1	ABTB2	0.458200456	0
RP4-647J21.1	KCNQ3	0.571396131	0
RP4-647J21.1	ANXA1	0.333619797	9.64E-13
RP4-647J21.1	S100A11	0.627000684	0
RP4-647J21.1	CEACAM6	0.689017362	4.40E-63
RP4-647J21.1	IER5L	0.257985714	4.68E-08
RP4-647J21.1	KRT80	0.475234528	0
RP4-647J21.1	CDH6	0.669374668	0
RP4-647J21.1	UNC5B	0.282102707	2.10E-09
RP4-647J21.1	PLEKHN1	0.545865306	0
RP4-647J21.1	SYTL1	0.546140186	0
RP4-647J21.1	TMEM163	0.648037825	0
RP4-647J21.1	C4orf48	0.245542343	2.07E-07
RP4-647J21.1	B3GNT7	0.330190459	1.69E-12
RP4-647J21.1	BAIAP3	0.350091769	5.66E-14
RP4-647J21.1	PHLDA2	0.371358828	7.90E-16
RP4-647J21.1	GAP43	0.463374398	9.45E-25
RP4-647J21.1	S100A1	0.221891001	2.84E-06
RP4-647J21.1	PTPRE	0.567097757	0
RP4-647J21.1	CCND1	0.473035343	0
RP4-647J21.1	ST6GALNAC5	0.660562654	2.28E-56
RP4-647J21.1	KRT17	0.567163286	0
RP4-647J21.1	HPCAL4	0.223436458	2.41E-06
RP4-647J21.1	GABBR2	0.258750784	4.26E-08
RP4-647J21.1	DIRAS3	0.149760012	0.001668534
RP4-647J21.1	SERINC2	0.221450171	2.97E-06
RP4-647J21.1	PTCHD4	0.467438166	0
RP4-647J21.1	EPS8	0.199425134	2.66E-05
RP4-647J21.1	LY6E	0.444167941	0
RP4-647J21.1	UPP1	0.538057455	0
RP4-647J21.1	AHNAK2	0.581430399	0
RP4-647J21.1	PLXNC1	0.294154324	3.98E-10
RP4-647J21.1	TNC	0.497959815	0
RP4-647J21.1	DUSP4	0.466944431	0
RP4-647J21.1	NRCAM	0.279023423	3.17E-09
RP4-647J21.1	NRP2	0.478338491	0
RP4-647J21.1	CTSC	0.687495639	0
RP4-647J21.1	AMIGO2	0.460265462	0
RP4-647J21.1	NAB2	0.182323406	0.000125422

RP4-647J21.1	TBC1D2	0.509546632	0
RP4-647J21.1	PHLDA3	0.456963919	0
RP4-647J21.1	PTP4A3	0.4643881	0
RP4-647J21.1	CRABP2	0.329140297	2.01E-12
RP4-647J21.1	GOS2	0.270483835	9.72E-09
RP4-647J21.1	S100A6	0.502758874	0
RP4-647J21.1	FOXQ1	0.614013083	0
RP4-647J21.1	LRG1	0.52489426	0
RP4-647J21.1	LAMP5	0.510939756	0
RP4-647J21.1	ALDH3B1	0.575369131	0
RP4-647J21.1	CDH2	-0.019883722	0.67768556
RP4-647J21.1	SCG5	0.116251415	0.014847845
RP4-647J21.1	ZCCHC16	0.107235145	0.024646268
RP4-647J21.1	GRB7	0.457941035	0
RP4-647J21.1	TIAM1	0.476338588	0
RP4-647J21.1	FXD5	0.551801899	0
RP4-647J21.1	CLDN9	0.203349484	1.83E-05
RP4-647J21.1	FAM43A	0.221327482	3.01E-06
RP4-647J21.1	CHST2	0.471746469	0
RP4-647J21.1	HMGA2	0.38856892	0
RP4-647J21.1	GALNT7	0.248033996	1.55E-07
RP4-647J21.1	CBLN1	0.588190215	0
RP4-647J21.1	STRA6	0.618425211	0
RP4-647J21.1	MUC21	0.545070937	2.45E-35
RP4-647J21.1	PRR36	0.389989986	0
RP4-647J21.1	NFE2L3	0.766676217	0
RP4-647J21.1	NR1D1	0.234218208	7.49E-07
RP4-647J21.1	MUC1	0.627738946	0
RP4-647J21.1	NAT8L	0.10794756	0.023743661
RP4-647J21.1	APOC1	0.410810117	0
RP4-647J21.1	EVA1A	0.561335624	0
RP4-647J21.1	ENTPD1	0.155692491	0.001078015
RP4-647J21.1	COL1A1	0.587532658	0
RP4-647J21.1	FNDC4	0.54635975	0
RP4-647J21.1	FRMD3	0.02450279	0.608514746
RP4-647J21.1	SHROOM4	0.450227649	0
RP4-647J21.1	NELL2	0.302862273	1.14E-10
RP4-647J21.1	EPHB3	0.591939963	0
RP4-647J21.1	TMC6	0.474828732	0
RP4-647J21.1	NOD1	0.410117952	0
RP4-647J21.1	GGCT	0.265118278	1.93E-08
RP4-647J21.1	ICAM1	0.691525231	0
RP4-647J21.1	PRSS23	0.664734325	0
RP4-647J21.1	CFI	0.693219192	0
RP4-647J21.1	CD55	0.63406162	0
RP4-647J21.1	RASD2	0.364897721	3.30E-15
RP4-647J21.1	KLK11	0.378233853	2.23E-16
RP4-647J21.1	ICAM5	0.457782462	0
RP4-647J21.1	ADORA1	0.255718873	6.17E-08
RP4-647J21.1	ITGA2	0.580171453	0
RP4-647J21.1	ABCC3	0.255692491	6.19E-08

RP4-647J21.1	MFGE8	0.390614779	0
RP4-647J21.1	STK32A	0.20632622	1.37E-05
RP4-647J21.1	CYSLTR2	0.532765938	0
RP4-647J21.1	LAD1	0.312265508	2.81E-11
RP4-647J21.1	MGAT3	0.585998122	0
RP4-647J21.1	IGFBP6	0.440479183	0
RP4-647J21.1	CYP2S1	0.674252589	0
RP4-647J21.1	KCNJ2	0.511453774	0
RP4-647J21.1	FAM20A	0.731097791	0
RP4-647J21.1	TGFA	0.303337286	1.06E-10
RP4-647J21.1	MXRA8	0.493306422	0
RP4-647J21.1	C8orf4	0.632151357	0
RP4-647J21.1	CLDN10	0.508371394	3.16E-30
RP4-647J21.1	PDE5A	0.315883489	1.62E-11
RP4-647J21.1	APOE	0.306156724	7.02E-11
RP4-647J21.1	SPOCK2	0.587143599	0
RP4-647J21.1	TENM1	0.215158276	5.69E-06
RP4-647J21.1	SLIT1	0.264475614	2.09E-08
RP4-647J21.1	CXCL14	0.646715194	0
RP4-647J21.1	ECM1	0.393592366	0
RP4-647J21.1	DUSP5	0.543642009	0
RP4-647J21.1	SEZ6L2	0.427106778	0
RP4-647J21.1	THRSP	-0.065547335	0.170332647
RP4-647J21.1	C19orf33	0.597790177	0
RP4-647J21.1	MPZL2	0.528573799	0
RP4-647J21.1	CTSH	0.297705359	2.40E-10
RP4-647J21.1	CYP1B1	0.279157601	3.12E-09
RP4-647J21.1	ALOX5	0.735926211	0
RP4-647J21.1	SYTL5	0.541508017	8.18E-35
RP4-647J21.1	TNFRSF12A	0.30564143	7.57E-11
RP4-647J21.1	DUSP6	0.462211184	0
RP4-647J21.1	ALOX15B	0.574702497	0
RP4-647J21.1	SDC4	0.410814656	0
RP4-647J21.1	MDK	0.567489227	0
RP4-647J21.1	KRT19	0.58564282	0
RP4-647J21.1	MET	0.496005441	0
RP4-647J21.1	TESC	0.140971641	0.003099339
RP4-647J21.1	CXCL17	0.397364609	4.67E-18
RP4-647J21.1	NPC2	0.160069869	0.000773367
RP4-647J21.1	COMP	0.542081233	0
RP4-647J21.1	TUSC3	0.454732112	0
RP4-647J21.1	TMPRSS4	0.704885013	0
RP4-647J21.1	LGALS3	0.507091998	0
RP4-647J21.1	CRLF1	0.430456971	0
RP4-647J21.1	CTXN1	0.438440983	0
RP4-647J21.1	PCSK1N	0.440054948	0
RP4-647J21.1	NMU	0.463091917	1.02E-24
RP4-647J21.1	GALE	0.354315395	2.61E-14
RP4-647J21.1	PCSK2	0.339505471	3.60E-13
RP4-647J21.1	GJB3	0.308530936	4.93E-11
RP4-647J21.1	SLPI	0.635299149	0

RP4-647J21.1	AGR2	0.356988315	1.58E-14
RP4-647J21.1	MRC2	0.470981399	0
RP4-647J21.1	GOLT1A	0.253411892	8.15E-08
RP4-647J21.1	SLC27A6	0.609740261	4.80E-46
RP4-647J21.1	KCNN4	0.634996894	0
RP4-647J21.1	ETV4	0.367582569	1.72E-15
RP4-647J21.1	SYT12	0.354149445	2.70E-14
RP4-647J21.1	PVRL4	0.435141284	0
RP4-647J21.1	PLCD3	0.252976452	8.59E-08
RP4-647J21.1	PLAU	0.591276449	0
RP4-647J21.1	LRRK2	0.240800727	3.57E-07
RP4-647J21.1	SFN	0.624648315	0
RP4-647J21.1	LPAR5	0.33562197	6.91E-13
RP4-647J21.1	NGEF	0.551116967	0
RP4-647J21.1	DTX4	0.435912169	0
RP4-647J21.1	CST6	0.470911048	0
RP4-647J21.1	QPCT	0.306695422	6.48E-11
RP4-647J21.1	TIMP1	0.391903653	0
RP4-647J21.1	CAMK2N1	0.369320061	1.27E-15
RP4-647J21.1	KLHDC8A	0.27830289	3.49E-09
RP4-647J21.1	PDLIM4	0.365605063	2.85E-15
RP4-647J21.1	SCEL	0.468228199	0
RP4-647J21.1	LCN2	0.510135965	0
RP4-647J21.1	PROS1	0.357008173	1.58E-14
RP4-647J21.1	GABRB2	0.405787806	0
RP4-647J21.1	TMPRSS6	0.563993935	0
RP4-647J21.1	KLK7	0.277903461	3.16E-09
RP4-647J21.1	PDZK1IP1	0.579012643	0
RP4-647J21.1	CDH3	0.460779906	0
RP4-647J21.1	LRP4	0.293684418	4.25E-10
RP4-647J21.1	IGSF1	0.514502279	0
RP4-647J21.1	B3GNT3	0.596351949	0
RP4-647J21.1	CLDN1	0.523819419	0
RP4-647J21.1	GDF15	0.347710607	8.67E-14
RP4-647J21.1	ARHGAP36	0.495847133	1.28E-28
RP4-647J21.1	LAMB3	0.594695433	0
RP4-647J21.1	KLK10	0.354503045	2.52E-14
RP4-647J21.1	DPP4	0.529797286	0
RP4-647J21.1	METTL7B	0.089280942	0.061635141
RP4-647J21.1	LIPH	0.592876656	0
RP4-647J21.1	CLDN16	0.428649115	0
RP4-647J21.1	CHI3L1	0.36483049	3.35E-15
RP4-647J21.1	SLC22A31	0.604291071	4.78E-45
RP4-647J21.1	TACSTD2	0.440759169	0
RP4-647J21.1	SFTPB	0.662589038	0
RP4-647J21.1	RXRG	0.218581941	4.00E-06
RP4-647J21.1	DCSTAMP	0.313269678	1.88E-11
RP4-647J21.1	CITED1	0.063782881	0.182148661
RP4-647J21.1	SERPINA1	0.508105283	0
RP4-647J21.1	PRR15	0.328313954	2.29E-12
RP4-647J21.1	SLC34A2	0.40012893	0

RP4-647J21. 1	FN1	0. 567608512	0
RP4-647J21. 1	ZCCHC12	0. 323152642	5. 23E-12
MIR222HG	TFF3	-0. 3643742	3. 68E-15
MIR222HG	CCL21	-0. 234960241	6. 40E-07
MIR222HG	TPO	-0. 410939614	0
MIR222HG	MT1G	-0. 350876837	4. 91E-14
MIR222HG	DIO1	-0. 393132104	0
MIR222HG	DPT	-0. 23360598	7. 45E-07
MIR222HG	CDH16	-0. 416431832	0
MIR222HG	CRABP1	-0. 353790281	2. 17E-14
MIR222HG	SLC26A7	-0. 326112783	3. 26E-12
MIR222HG	MT1H	-0. 348742521	5. 33E-14
MIR222HG	SLC26A4	-0. 311347254	3. 23E-11
MIR222HG	SLC5A8	-0. 417578694	5. 94E-20
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MIR222HG	WSCD2	-0. 376457674	3. 15E-16
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MIR222HG	MATN2	-0. 45930948	0
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MIR222HG	TCEAL2	-0. 320013503	8. 56E-12
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MIR222HG	CWH43	-0. 390058153	2. 10E-17
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MIR222HG	WDR72	-0.417095771	0
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MIR222HG	PAPSS2	-0.368772995	1.43E-15
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MIR222HG	EGR2	-0.170822116	0.00033006
MIR222HG	EDN3	-0.219411327	3.47E-06
MIR222HG	DIO2	-0.468111041	0
MIR222HG	ITPR1	-0.396461447	0
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MIR222HG	CARTPT	-0.302062514	1.03E-10
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MIR222HG	C11orf74	-0.317686948	1.23E-11
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MIR222HG	CA4	-0.286604932	9.55E-10
MIR222HG	TG	-0.383047626	4.41E-18
MIR222HG	FCGBP	-0.43189988	0
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MIR222HG	LRP2	-0.456819104	0
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MIR222HG	NR4A1	-0.132695019	0.005388524
MIR222HG	FOXJ1	-0.291874017	4.54E-10
MIR222HG	ALDH1A1	-0.38297458	5.23E-18
MIR222HG	OCA2	-0.349425537	4.72E-14
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MIR222HG	DES	-0.187446002	7.77E-05
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MIR222HG	LGI3	-0.368910861	1.39E-15
MIR222HG	CDON	-0.42983459	0
MIR222HG	BCL2	-0.501704882	0
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MIR222HG	SCUBE3	-0.388454883	0
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MIR222HG	SMAD9	-0.40311602	0
MIR222HG	IQGAP2	-0.433898649	0
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MIR222HG	AVPR1A	-0.398084915	0
MIR222HG	PDLIM3	-0.306650601	6.52E-11
MIR222HG	GPM6A	-0.37966864	6.73E-17
MIR222HG	SDPR	-0.228382745	1.42E-06
MIR222HG	CRYAB	-0.277265352	4.01E-09
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MIR222HG	C8orf88	-0.384826973	0
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MIR222HG	BMP2	-0.245182076	2.16E-07
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MIR222HG	SELV	-0.377838123	2.40E-16
MIR222HG	ENPP1	-0.239637805	4.08E-07
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MIR222HG	KCNAB1	-0.280939501	2.46E-09
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MIR222HG	C16orf89	-0.303963497	9.70E-11
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MIR222HG	FHDC1	-0.226587228	1.72E-06
MIR222HG	PRR15L	-0.366939609	2.14E-15
MIR222HG	SLC1A1	-0.35590312	1.94E-14
MIR222HG	BTBD11	-0.417717443	0
MIR222HG	TRIM58	-0.495202643	0
MIR222HG	LRIG1	-0.385711186	0
MIR222HG	ROR2	-0.334968243	7.71E-13
MIR222HG	GPR125	-0.404752395	0
MIR222HG	FLRT1	-0.356495148	1.74E-14
MIR222HG	PGF	-0.322988253	5.36E-12
MIR222HG	DUSP1	-0.208464414	1.11E-05
MIR222HG	PLA2G7	-0.298865587	2.03E-10
MIR222HG	PLSCR4	-0.31986273	8.76E-12
MIR222HG	FAM46B	-0.312803638	2.59E-11
MIR222HG	GLDC	-0.270555888	9.63E-09
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MIR222HG	TOB1	-0.338832595	4.03E-13
MIR222HG	MARC2	-0.357310569	1.49E-14

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MIR222HG	RIMS4	-0.365282667	3.05E-15
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MIR222HG	STARD13	-0.399793343	0
MIR222HG	LDHD	-0.348453408	7.59E-14
MIR222HG	RCAN1	-0.320991186	7.34E-12
MIR222HG	ID3	-0.327475554	2.62E-12
MIR222HG	SYTL3	-0.363123906	4.75E-15
MIR222HG	MT1E	-0.263223192	2.45E-08
MIR222HG	CAMK1D	-0.344449771	1.54E-13
MIR222HG	PRKCQ	-0.461665395	0
MIR222HG	NUAK2	-0.396715761	0
MIR222HG	LIPG	-0.263197803	2.45E-08
MIR222HG	SLC25A25	-0.348799916	7.14E-14
MIR222HG	PRKX	-0.34670328	1.04E-13
MIR222HG	SRPX	-0.122083332	0.010498522
MIR222HG	FAM189A1	-0.349056499	6.82E-14
MIR222HG	PLEKHH1	-0.118738529	0.012829526
MIR222HG	WNT11	-0.310558214	3.64E-11
MIR222HG	SNAI1	-0.310015829	3.95E-11
MIR222HG	FDCSP	8.65E-05	0.998558559
MIR222HG	MT1X	-0.18097496	0.000140921
MIR222HG	ACACB	-0.408908507	0
MIR222HG	ARC	0.031865839	0.505308004
MIR222HG	KLK4	-0.311352945	2.53E-11
MIR222HG	ZFPM2	-0.313538354	2.32E-11
MIR222HG	AKAP12	-0.306568336	6.60E-11
MIR222HG	GJB6	-0.389438721	2.39E-17
MIR222HG	ERO1LB	-0.367565961	1.87E-15
MIR222HG	DNALI1	-0.186745462	8.51E-05
MIR222HG	HKDC1	-0.346295781	1.11E-13
MIR222HG	ZFP36L2	-0.328942859	2.07E-12
MIR222HG	CAPSL	-0.305793433	5.90E-11
MIR222HG	CYP7B1	-0.483418246	0
MIR222HG	CPQ	-0.306783219	6.40E-11
MIR222HG	RPS6KA6	-0.388003216	3.19E-17
MIR222HG	TLE1	-0.377203227	1.64E-16
MIR222HG	TP53INP2	-0.373617443	4.51E-16
MIR222HG	KATNAL2	-0.331795913	1.30E-12
MIR222HG	SGPP2	-0.382861961	6.52E-18
MIR222HG	CTH	-0.420027828	0
MIR222HG	KIF12	-0.117462137	0.013832888

MIR222HG	TMEM220	-0.332138025	1.23E-12
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MIR222HG	SELENBP1	-0.268356136	1.28E-08
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MIR222HG	MAMDC2	-0.138684376	0.003621684
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MIR222HG	ALDH1B1	-0.518360197	1.48E-31
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MIR222HG	GLUL	-0.229145545	1.31E-06
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MIR222HG	SCNN1B	-0.223681411	2.35E-06
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MIR222HG	CORO2B	-0.315038849	1.85E-11
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MIR222HG	EPHA2	0.430289178	0
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MIR222HG	SIGLEC15	0.438538851	0
MIR222HG	RIN1	0.470368947	0
MIR222HG	IL1RN	0.25713455	5.19E-08
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MIR222HG	MANEAL	0.24462111	2.30E-07
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MIR222HG	CD1A	0.384519239	6.43E-17
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MIR222HG	NT5E	0.345978917	1.18E-13
MIR222HG	CACNG4	0.304904802	6.74E-11
MIR222HG	FHOD1	0.529795584	0
MIR222HG	LEMD1	0.367992607	1.70E-15
MIR222HG	ATP11A	0.32057376	7.84E-12
MIR222HG	PPAP2C	0.313061214	2.49E-11
MIR222HG	DRAM1	0.341065679	2.76E-13
MIR222HG	CDA	0.277475271	3.90E-09
MIR222HG	CCND2	0.305615899	7.60E-11
MIR222HG	LCN6	0.386140044	4.65E-17
MIR222HG	CDH4	0.216437789	4.99E-06
MIR222HG	MMP11	0.372305733	6.28E-16

MIR222HG	B3GAT1	0.291342687	5.91E-10
MIR222HG	SPP1	0.242644894	2.89E-07
MIR222HG	HLA-DQB1	0.203891018	1.74E-05
MIR222HG	SDC3	0.347044114	9.75E-14
MIR222HG	CX3CL1	0.231420329	1.02E-06
MIR222HG	SDK1	0.30969471	4.15E-11
MIR222HG	DOCK9	0.284392809	1.54E-09
MIR222HG	CSF2	0.489582028	7.67E-28
MIR222HG	GRHL3	0.42028583	0
MIR222HG	TMEM92	0.409695217	3.37E-19
MIR222HG	BASP1	0.453817546	0
MIR222HG	HRH1	0.362660666	5.22E-15
MIR222HG	ESM1	0.181872789	0.000130414
MIR222HG	B4GALNT3	0.234908955	6.94E-07
MIR222HG	LMO3	0.368616549	1.48E-15
MIR222HG	C9orf16	0.429879552	0
MIR222HG	SEMA3F	0.32702508	2.82E-12
MIR222HG	PLA2G12B	0.378027525	2.32E-16
MIR222HG	KLK6	0.344662723	1.09E-13
MIR222HG	ST3GAL5	0.517300442	0
MIR222HG	FAM132B	0.221112741	3.08E-06
MIR222HG	CDKN1A	0.21416343	6.29E-06
MIR222HG	E2F1	0.260963727	3.24E-08
MIR222HG	B3GNT8	0.39188876	0
MIR222HG	MTMR11	0.476717151	0
MIR222HG	MYO1G	0.362309052	5.60E-15
MIR222HG	TMSB10	0.462537126	0
MIR222HG	UNC5CL	0.489329025	0
MIR222HG	ABR	0.265604212	1.81E-08
MIR222HG	PLP2	0.410273831	0
MIR222HG	SRCIN1	0.328570253	2.20E-12
MIR222HG	PDE9A	0.436636531	0
MIR222HG	TREM2	0.271572718	8.45E-09
MIR222HG	KDELR3	0.264753473	2.02E-08
MIR222HG	PC	0.281503871	2.28E-09
MIR222HG	C2CD4A	0.333806738	9.35E-13
MIR222HG	PELI1	0.423558296	0
MIR222HG	SSX1	0.345704604	1.23E-13
MIR222HG	MROH6	0.47514205	0
MIR222HG	ESPN	0.419382469	0
MIR222HG	BMP1	0.508717736	0
MIR222HG	TM4SF4	0.414591505	1.15E-19
MIR222HG	CORO2A	0.352796461	3.46E-14
MIR222HG	CD164L2	0.396330546	5.79E-18
MIR222HG	CTSS	0.25912112	4.07E-08
MIR222HG	CLU	0.430655968	0
MIR222HG	TMSB4X	0.435140007	0
MIR222HG	WNT10A	0.419071294	4.25E-20
MIR222HG	NAPSA	0.389733403	0
MIR222HG	PLEKHA4	0.403521958	0
MIR222HG	SFTPA1	0.266613482	1.40E-08

MIR222HG	C1orf116	0.403275303	0
MIR222HG	TM4SF1	0.392452988	0
MIR222HG	SEL1L3	0.235085684	6.81E-07
MIR222HG	VASN	0.466957338	0
MIR222HG	NPTXR	0.237999444	4.91E-07
MIR222HG	PDE4C	0.48976872	0
MIR222HG	CDC42EP1	0.420828357	0
MIR222HG	ENDOD1	0.281550251	2.26E-09
MIR222HG	RYR1	0.392364624	0
MIR222HG	IL1RAP	0.352546118	3.62E-14
MIR222HG	SLC35F2	0.38890913	2.66E-17
MIR222HG	ISYNA1	0.522936908	0
MIR222HG	HLA-G	0.258553488	4.36E-08
MIR222HG	CDKN2B	0.318738671	1.04E-11
MIR222HG	ALDH1A3	0.312690877	2.64E-11
MIR222HG	CLIP3	0.35098591	4.82E-14
MIR222HG	ULBP2	0.293335924	4.47E-10
MIR222HG	ETHE1	0.345468304	1.29E-13
MIR222HG	XPR1	0.252186987	9.45E-08
MIR222HG	SPTBN2	0.29392852	4.11E-10
MIR222HG	IVL	0.419237857	4.09E-20
MIR222HG	MARCO	0.271967735	8.03E-09
MIR222HG	PLXND1	0.282448364	2.01E-09
MIR222HG	EMILIN2	0.381406429	2.78E-17
MIR222HG	PLAUR	0.387858032	0
MIR222HG	CDC42EP5	0.4788935	0
MIR222HG	TRPC5	0.358620347	9.06E-15
MIR222HG	TMEM100	0.332253338	1.21E-12
MIR222HG	QSOX1	0.349377761	6.44E-14
MIR222HG	ARHGAP23	0.404285751	0
MIR222HG	MDFI	0.343607542	1.78E-13
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MIR222HG	TGFBR1	0.372228857	6.40E-16
MIR222HG	TGFBI	0.224275141	2.20E-06
MIR222HG	ERBB3	0.317919278	1.18E-11
MIR222HG	CCL18	0.279796577	2.86E-09
MIR222HG	CCL17	0.374222249	4.85E-16
MIR222HG	C16orf45	0.317166548	1.33E-11
MIR222HG	PRDM1	0.318489747	1.08E-11
MIR222HG	TRIM47	0.435286525	0
MIR222HG	CNFN	0.325215663	3.77E-12
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MIR222HG	RAMP1	0.36161873	6.43E-15
MIR222HG	GABRD	0.266241061	1.67E-08
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MIR222HG	S100A5	0.362941362	4.93E-15
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MIR222HG	PSD3	0.299915323	1.75E-10
MIR222HG	DOK7	0.392777937	0

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MIR222HG	BBC3	0.401991819	0
MIR222HG	HLA-DQB2	0.279446665	3.00E-09
MIR222HG	C1QL1	0.397619689	0
MIR222HG	TMEM215	0.204550648	1.56E-05
MIR222HG	PNP	0.327338114	2.68E-12
MIR222HG	ARNTL	0.391889044	0
MIR222HG	CLDN2	0.308314716	4.03E-11
MIR222HG	MVP	0.410034693	0
MIR222HG	LGALS1	0.376349368	2.13E-16
MIR222HG	BIRC7	0.526303502	1.20E-32
MIR222HG	COL8A1	0.296771078	2.74E-10
MIR222HG	PERP	0.344753586	1.46E-13
MIR222HG	GJA4	0.295527733	3.28E-10
MIR222HG	IGFL2	0.370003784	1.09E-15
MIR222HG	DAPK2	0.401782042	0
MIR222HG	MAMLD1	0.32592882	3.36E-12
MIR222HG	ETV5	0.276222991	4.60E-09
MIR222HG	RUNX1	0.354341209	2.60E-14
MIR222HG	LONRF2	0.315203806	1.80E-11
MIR222HG	SPOCK1	0.284756622	1.47E-09
MIR222HG	XKRX	0.378991793	8.82E-17
MIR222HG	TGFB1	0.290497763	6.65E-10
MIR222HG	ERP27	0.245634679	2.05E-07
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MIR222HG	UBE2QL1	0.366314816	2.45E-15
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MIR222HG	HIST3H2A	0.378655356	1.00E-16
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MIR222HG	SOX4	0.301887285	1.31E-10
MIR222HG	ELF3	0.401263343	0
MIR222HG	TPD52L1	0.378883004	9.19E-17
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MIR222HG	HPN	0.445283915	0
MIR222HG	MMP7	0.374497151	4.60E-16
MIR222HG	RAB27A	0.384717616	0
MIR222HG	IGF2BP2	0.52236885	0
MIR222HG	ITGB4	0.381655069	2.35E-17
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MIR222HG	NPDC1	0.492124068	0
MIR222HG	CCL13	0.346911194	7.35E-14
MIR222HG	SPINT1	0.329473047	1.90E-12
MIR222HG	HEY2	0.445463056	0
MIR222HG	CST2	0.266187939	1.48E-08

MIR222HG	ADM	0.372190277	6.46E-16
MIR222HG	VSTM2L	0.303883075	9.81E-11
MIR222HG	FAM84A	0.319855638	8.77E-12
MIR222HG	P4HA2	0.277035717	4.13E-09
MIR222HG	LPL	0.374698525	3.39E-16
MIR222HG	TMEM173	0.531894348	0
MIR222HG	DHRS3	0.488484952	0
MIR222HG	SCN1B	0.465446915	0
MIR222HG	GLT1D1	0.330436404	1.62E-12
MIR222HG	PHYHIP	0.383148614	3.31E-18
MIR222HG	BHLHE40	0.379417163	7.47E-17
MIR222HG	BID	0.458700715	0
MIR222HG	POSTN	0.21193446	7.88E-06
MIR222HG	ITGA3	0.320694605	7.69E-12
MIR222HG	RSPO4	0.371881072	6.97E-16
MIR222HG	ADAMTS9	0.41633056	0
MIR222HG	ABTB2	0.363245461	4.64E-15
MIR222HG	KCNQ3	0.345067046	1.38E-13
MIR222HG	ANXA1	0.512215297	0
MIR222HG	S100A11	0.466549131	0
MIR222HG	CEACAM6	0.335303696	5.38E-13
MIR222HG	IER5L	0.501128031	0
MIR222HG	KRT80	0.311634474	3.10E-11
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MIR222HG	UNC5B	0.245378237	2.11E-07
MIR222HG	PLEKHN1	0.537890797	0
MIR222HG	SYTL1	0.503118573	0
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MIR222HG	BAIAP3	0.460164616	0
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MIR222HG	CCND1	0.287107572	1.06E-09
MIR222HG	ST6GALNAC5	0.350429448	3.95E-14
MIR222HG	KRT17	0.384062896	0
MIR222HG	HPCAL4	0.420263136	0
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MIR222HG	SERINC2	0.337816332	4.79E-13
MIR222HG	PTCHD4	0.347016172	9.80E-14
MIR222HG	EPS8	0.307493256	5.76E-11
MIR222HG	LY6E	0.425137795	0
MIR222HG	UPP1	0.469397221	0
MIR222HG	AHNAK2	0.372890385	5.43E-16
MIR222HG	PLXNC1	0.356637978	1.69E-14
MIR222HG	TNC	0.285724235	1.28E-09
MIR222HG	DUSP4	0.362677828	5.20E-15
MIR222HG	NRCAM	0.285840683	1.26E-09

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MIR222HG	CTSC	0.425710533	0
MIR222HG	AMIGO2	0.433147763	0
MIR222HG	NAB2	0.542252856	0
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MIR222HG	PHLDA3	0.398455677	0
MIR222HG	PTP4A3	0.448859771	0
MIR222HG	CRABP2	0.320960691	7.38E-12
MIR222HG	GOS2	0.408693907	0
MIR222HG	S100A6	0.452755186	0
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MIR222HG	ALDH3B1	0.405762984	0
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MIR222HG	SCG5	0.315962209	1.60E-11
MIR222HG	ZCCHC16	0.385136316	5.68E-17
MIR222HG	GRB7	0.494138439	0
MIR222HG	TIAM1	0.311679437	3.08E-11
MIR222HG	FXYD5	0.425199636	0
MIR222HG	CLDN9	0.395002652	0
MIR222HG	FAM43A	0.470135767	0
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MIR222HG	GALNT7	0.403580395	0
MIR222HG	CBLN1	0.366641041	2.28E-15
MIR222HG	STRA6	0.426618149	0
MIR222HG	MUC21	0.44213942	1.95E-22
MIR222HG	PRR36	0.464772621	0
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MIR222HG	NR1D1	0.287280188	1.04E-09
MIR222HG	MUC1	0.319275666	9.60E-12
MIR222HG	NAT8L	0.362218418	5.71E-15
MIR222HG	APOC1	0.399773912	0
MIR222HG	EVA1A	0.416753376	0
MIR222HG	ENTPD1	0.329776436	1.81E-12
MIR222HG	COL1A1	0.301316958	1.43E-10
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MIR222HG	FRMD3	0.25177339	9.92E-08
MIR222HG	SHROOM4	0.382952453	5.48E-18
MIR222HG	NELL2	0.438743663	0
MIR222HG	EPHB3	0.40747042	0
MIR222HG	TMC6	0.50809039	0
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MIR222HG	ICAM1	0.356653012	1.69E-14
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MIR222HG	KLK11	0.340699	2.16E-13

MIR222HG	ICAM5	0.621104372	0
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MIR222HG	ITGA2	0.294353889	3.87E-10
MIR222HG	ABCC3	0.354772678	2.40E-14
MIR222HG	MFGE8	0.448488725	0
MIR222HG	STK32A	0.276085692	4.69E-09
MIR222HG	CYSLTR2	0.425306155	0
MIR222HG	LAD1	0.421435987	0
MIR222HG	MGAT3	0.302749229	1.16E-10
MIR222HG	IGFBP6	0.511887228	0
MIR222HG	CYP2S1	0.319432538	9.37E-12
MIR222HG	KCNJ2	0.461384416	0
MIR222HG	FAM20A	0.50330906	0
MIR222HG	TGFA	0.379299296	7.83E-17
MIR222HG	MXRA8	0.474308189	0
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MIR222HG	PDE5A	0.38088234	3.78E-17
MIR222HG	APOE	0.397251338	0
MIR222HG	SPOCK2	0.331539188	1.36E-12
MIR222HG	TENM1	0.522438634	0
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MIR222HG	CXCL14	0.336977224	5.51E-13
MIR222HG	ECM1	0.293348831	4.46E-10
MIR222HG	DUSP5	0.436822479	0
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MIR222HG	ALOX5	0.355833903	1.97E-14
MIR222HG	SYTL5	0.387419769	3.59E-17
MIR222HG	TNFRSF12A	0.549058769	0
MIR222HG	DUSP6	0.48504909	0
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MIR222HG	TMPRSS4	0.43037201	0
MIR222HG	LGALS3	0.547453598	0
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MIR222HG	CTXN1	0.416578066	0
MIR222HG	PCSK1N	0.333888862	9.22E-13
MIR222HG	NMU	0.392731612	1.22E-17

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MIR222HG	AGR2	0.30181509	1.33E-10
MIR222HG	MRC2	0.370804954	9.00E-16
MIR222HG	GOLT1A	0.419831384	0
MIR222HG	SLC27A6	0.394757004	8.03E-18
MIR222HG	KCNN4	0.457853806	0
MIR222HG	ETV4	0.47262694	8.21E-26
MIR222HG	SYT12	0.452606966	0
MIR222HG	PVRL4	0.396178766	0
MIR222HG	PLCD3	0.425991087	0
MIR222HG	PLAU	0.408762556	0
MIR222HG	LRRK2	0.410236953	0
MIR222HG	SFN	0.409865056	0
MIR222HG	LPAR5	0.440457056	0
MIR222HG	NGEF	0.436504622	0
MIR222HG	DTX4	0.388500838	0
MIR222HG	CST6	0.476621269	0
MIR222HG	QPCT	0.447918115	0
MIR222HG	TIMP1	0.490516486	0
MIR222HG	CAMK2N1	0.465247775	0
MIR222HG	KLHDC8A	0.259875978	3.71E-08
MIR222HG	PDLIM4	0.475716207	0
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MIR222HG	LCN2	0.330172587	1.70E-12
MIR222HG	PROS1	0.383939498	0
MIR222HG	GABRB2	0.351801048	4.15E-14
MIR222HG	TMPRSS6	0.393376206	0
MIR222HG	KLK7	0.302889115	9.11E-11
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MIR222HG	CDH3	0.381767262	2.17E-17
MIR222HG	LRP4	0.392370723	0
MIR222HG	IGSF1	0.308127268	5.24E-11
MIR222HG	B3GNT3	0.348830411	7.10E-14
MIR222HG	CLDN1	0.405849363	0
MIR222HG	GDF15	0.35772984	1.37E-14
MIR222HG	ARHGAP36	0.313967613	1.69E-11
MIR222HG	LAMB3	0.374743346	3.35E-16
MIR222HG	KLK10	0.359283524	1.02E-14
MIR222HG	DPP4	0.365543931	2.88E-15
MIR222HG	METTL7B	0.405247832	0
MIR222HG	LIPH	0.444556858	0
MIR222HG	CLDN16	0.45405101	0
MIR222HG	CHI3L1	0.414708369	0
MIR222HG	SLC22A31	0.564673039	2.46E-38
MIR222HG	TACSTD2	0.432919831	0
MIR222HG	SFTPB	0.361153079	7.06E-15
MIR222HG	RXRG	0.420906368	0
MIR222HG	DCSTAMP	0.382603867	9.41E-17

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MIR222HG	SERPINA1	0.441178298	0
MIR222HG	PRR15	0.484049138	0
MIR222HG	SLC34A2	0.330108477	1.71E-12
MIR222HG	FN1	0.334130978	8.86E-13
MIR222HG	ZCCHC12	0.39067506	0
CTD-3035K23.7	TFF3	-0.362433028	4.49E-15
CTD-3035K23.7	CCL21	-0.285951347	1.05E-09
CTD-3035K23.7	TPO	-0.483507571	4.22E-27
CTD-3035K23.7	MT1G	-0.444796737	1.02E-22
CTD-3035K23.7	DIO1	-0.400664168	2.34E-18
CTD-3035K23.7	DPT	-0.268709868	1.07E-08
CTD-3035K23.7	CDH16	-0.420152912	3.33E-20
CTD-3035K23.7	CRABP1	-0.465790281	5.03E-25
CTD-3035K23.7	SLC26A7	-0.528714842	5.54E-33
CTD-3035K23.7	MT1H	-0.454773787	8.57E-24
CTD-3035K23.7	SLC26A4	-0.470671427	1.39E-25
CTD-3035K23.7	SLC5A8	-0.494585624	1.84E-28
CTD-3035K23.7	PKHD1L1	-0.438494418	4.70E-22
CTD-3035K23.7	TFCP2L1	-0.534681801	7.93E-34
CTD-3035K23.7	WSCD2	-0.460274406	2.11E-24
CTD-3035K23.7	IPCEF1	-0.462407412	1.21E-24
CTD-3035K23.7	SLC5A5	-0.303259182	8.62E-11
CTD-3035K23.7	MT1F	-0.407678737	5.23E-19
CTD-3035K23.7	FOSB	-0.218587339	3.78E-06
CTD-3035K23.7	SEMA3D	-0.462485226	1.19E-24
CTD-3035K23.7	BMP8A	-0.364947096	2.82E-15
CTD-3035K23.7	MATN2	-0.534876118	7.44E-34
CTD-3035K23.7	PLA2R1	-0.425133958	1.07E-20
CTD-3035K23.7	COL23A1	-0.382166725	1.03E-16
CTD-3035K23.7	HGD	-0.4649168	6.32E-25
CTD-3035K23.7	TCEAL2	-0.306080031	5.65E-11
CTD-3035K23.7	CHRD1	-0.253510698	7.26E-08
CTD-3035K23.7	TNFRSF11B	-0.391829257	1.47E-17
CTD-3035K23.7	FAM167A	-0.449534532	3.18E-23
CTD-3035K23.7	KIT	-0.451165095	2.12E-23
CTD-3035K23.7	SLC4A4	-0.599659931	3.26E-44
CTD-3035K23.7	SMOC2	-0.294459859	3.13E-10
CTD-3035K23.7	FHL1	-0.420372193	3.17E-20
CTD-3035K23.7	OTOS	-0.362001559	4.87E-15
CTD-3035K23.7	IGFBPL1	-0.608946254	6.73E-46
CTD-3035K23.7	HBB	-0.345186875	9.93E-14
CTD-3035K23.7	BEX1	-0.289037698	6.79E-10
CTD-3035K23.7	FABP4	-0.472398932	8.73E-26
CTD-3035K23.7	LMOD1	-0.409266323	3.70E-19
CTD-3035K23.7	SOD3	-0.393593005	1.02E-17
CTD-3035K23.7	TMEM171	-0.432028108	2.18E-21
CTD-3035K23.7	PI16	-0.247089142	1.57E-07
CTD-3035K23.7	ZMAT4	-0.440111675	3.19E-22
CTD-3035K23.7	MFAP4	-0.165997572	0.00047874
CTD-3035K23.7	CWH43	-0.510715055	1.55E-30

CTD-3035K23.7	SPX	-0.523185311	3.24E-32
CTD-3035K23.7	APOD	-0.107550062	0.024225164
CTD-3035K23.7	DPP6	-0.405315442	8.69E-19
CTD-3035K23.7	MMRN1	-0.391937905	1.43E-17
CTD-3035K23.7	WDR72	-0.511370396	1.27E-30
CTD-3035K23.7	MPPED2	-0.467061098	3.60E-25
CTD-3035K23.7	PAPSS2	-0.48399918	3.68E-27
CTD-3035K23.7	DCN	-0.188324767	7.18E-05
CTD-3035K23.7	SORBS2	-0.47187123	1.01E-25
CTD-3035K23.7	EGR2	-0.1987979	2.72E-05
CTD-3035K23.7	EDN3	-0.304594518	7.06E-11
CTD-3035K23.7	DIO2	-0.585844967	8.30E-42
CTD-3035K23.7	ITPR1	-0.454016594	1.04E-23
CTD-3035K23.7	CFD	-0.094547259	0.047728942
CTD-3035K23.7	CPXM1	-0.247414375	1.51E-07
CTD-3035K23.7	ELMO1	-0.470011458	1.65E-25
CTD-3035K23.7	GPC3	-0.372374567	6.92E-16
CTD-3035K23.7	MYOC	-0.167395312	0.000427973
CTD-3035K23.7	DEPTOR	-0.474606422	4.82E-26
CTD-3035K23.7	DGKI	-0.43377909	1.44E-21
CTD-3035K23.7	CARTPT	-0.33906438	2.85E-13
CTD-3035K23.7	IYD	-0.620744771	4.04E-48
CTD-3035K23.7	LYVE1	-0.301012038	1.20E-10
CTD-3035K23.7	CLCNKB	-0.384128904	6.95E-17
CTD-3035K23.7	NCAM1	-0.565303789	1.95E-38
CTD-3035K23.7	HBA2	-0.213276521	6.55E-06
CTD-3035K23.7	GLT8D2	-0.368342967	1.49E-15
CTD-3035K23.7	OGDHL	-0.546506927	1.50E-35
CTD-3035K23.7	LIFR	-0.545231667	2.32E-35
CTD-3035K23.7	CSGALNACT1	-0.420532469	3.06E-20
CTD-3035K23.7	RAP1GAP	-0.50840642	3.12E-30
CTD-3035K23.7	COL9A3	-0.362007658	4.86E-15
CTD-3035K23.7	FBLN1	-0.185623615	9.15E-05
CTD-3035K23.7	EFEMP1	-0.304585065	7.07E-11
CTD-3035K23.7	AOX1	-0.440909982	2.63E-22
CTD-3035K23.7	GRIN2C	-0.383517585	7.85E-17
CTD-3035K23.7	C11orf74	-0.374757423	4.37E-16
CTD-3035K23.7	PPARGC1A	-0.604714165	4.01E-45
CTD-3035K23.7	ANGPTL1	-0.404082733	1.13E-18
CTD-3035K23.7	SCARA5	-0.240651203	3.34E-07
CTD-3035K23.7	LTF	-0.392060169	1.40E-17
CTD-3035K23.7	CA4	-0.329298507	1.46E-12
CTD-3035K23.7	TG	-0.456176069	6.00E-24
CTD-3035K23.7	FCGBP	-0.395878148	6.36E-18
CTD-3035K23.7	PBX4	-0.209107919	9.97E-06
CTD-3035K23.7	CYR61	-0.233619694	7.44E-07
CTD-3035K23.7	FOS	-0.245003139	2.01E-07
CTD-3035K23.7	KHDRBS2	-0.429959267	3.53E-21
CTD-3035K23.7	MUM1L1	-0.369371289	1.23E-15
CTD-3035K23.7	RGS16	-0.436215715	8.10E-22
CTD-3035K23.7	MT1M	-0.417501971	6.04E-20

CTD-3035K23.7	LRP2	-0.46328879	9.66E-25
CTD-3035K23.7	MAFB	-0.428737338	4.68E-21
CTD-3035K23.7	KCNK2	-0.42935121	4.06E-21
CTD-3035K23.7	TBC1D4	-0.437806422	5.54E-22
CTD-3035K23.7	MIOX	-0.352728028	2.63E-14
CTD-3035K23.7	TPPP	-0.520868539	6.74E-32
CTD-3035K23.7	FMOD	-0.49282246	3.05E-28
CTD-3035K23.7	CITED2	-0.451862935	1.78E-23
CTD-3035K23.7	RGS8	-0.452901328	1.37E-23
CTD-3035K23.7	ABI3BP	-0.424411013	1.27E-20
CTD-3035K23.7	ADH1B	-0.250286512	1.07E-07
CTD-3035K23.7	OGN	-0.222618393	2.47E-06
CTD-3035K23.7	NR4A1	-0.160696541	0.000726563
CTD-3035K23.7	FOXJ1	-0.333042105	7.86E-13
CTD-3035K23.7	ALDH1A1	-0.371687635	7.89E-16
CTD-3035K23.7	OCA2	-0.275385746	4.43E-09
CTD-3035K23.7	TMEM139	-0.244270407	2.19E-07
CTD-3035K23.7	ARHGAP24	-0.517719322	1.80E-31
CTD-3035K23.7	SLC25A15	-0.584833382	1.23E-41
CTD-3035K23.7	DES	-0.23387742	7.23E-07
CTD-3035K23.7	GDF10	-0.325616472	2.66E-12
CTD-3035K23.7	KIAA1324	-0.354886001	1.78E-14
CTD-3035K23.7	JUN	-0.263735322	2.03E-08
CTD-3035K23.7	C7	-0.08332636	0.081170023
CTD-3035K23.7	LGI3	-0.511138492	1.37E-30
CTD-3035K23.7	CDON	-0.486130429	2.03E-27
CTD-3035K23.7	BCL2	-0.539503705	1.60E-34
CTD-3035K23.7	HLF	-0.458800912	3.07E-24
CTD-3035K23.7	EGR1	-0.242914299	2.57E-07
CTD-3035K23.7	IP6K3	-0.548494211	7.57E-36
CTD-3035K23.7	SCUBE3	-0.427403641	6.38E-21
CTD-3035K23.7	PKNOX2	-0.289081384	6.75E-10
CTD-3035K23.7	SMAD9	-0.405811022	7.81E-19
CTD-3035K23.7	IQGAP2	-0.599983745	2.85E-44
CTD-3035K23.7	GNA14	-0.481220585	7.94E-27
CTD-3035K23.7	LAYN	-0.319380409	7.23E-12
CTD-3035K23.7	AVPR1A	-0.509424671	2.30E-30
CTD-3035K23.7	PDLIM3	-0.425387847	1.01E-20
CTD-3035K23.7	GPM6A	-0.517123322	2.17E-31
CTD-3035K23.7	SDPR	-0.382604577	9.41E-17
CTD-3035K23.7	CRYAB	-0.348458213	5.60E-14
CTD-3035K23.7	FOXA2	-0.200906853	2.23E-05
CTD-3035K23.7	C8orf88	-0.45043832	2.54E-23
CTD-3035K23.7	ISM1	-0.276876133	3.63E-09
CTD-3035K23.7	BMP2	-0.277223493	3.46E-09
CTD-3035K23.7	ID4	-0.301840652	1.06E-10
CTD-3035K23.7	NUPR1	-0.366893956	1.96E-15
CTD-3035K23.7	SERTM1	-0.548461946	7.66E-36
CTD-3035K23.7	IRS1	-0.426362696	8.11E-21
CTD-3035K23.7	FIBIN	-0.345484592	9.43E-14
CTD-3035K23.7	PODN	-0.175938247	0.000211605

CTD-3035K23.7	TDRD9	-0.424304209	1.30E-20
CTD-3035K23.7	EPHA3	-0.35903744	8.39E-15
CTD-3035K23.7	AIF1L	-0.445651449	8.30E-23
CTD-3035K23.7	EBF4	-0.354046891	2.07E-14
CTD-3035K23.7	ADM2	-0.467011455	3.65E-25
CTD-3035K23.7	GSTM3	-0.451911444	1.76E-23
CTD-3035K23.7	HSD17B6	-0.310551172	2.86E-11
CTD-3035K23.7	AGR3	-0.245659796	1.86E-07
CTD-3035K23.7	EPHB1	-0.528691723	5.58E-33
CTD-3035K23.7	TMOD1	-0.285650763	1.09E-09
CTD-3035K23.7	WASF3	-0.514370967	5.08E-31
CTD-3035K23.7	SELV	-0.375019149	4.16E-16
CTD-3035K23.7	ENPP1	-0.438939561	4.23E-22
CTD-3035K23.7	SYNE1	-0.456198566	5.97E-24
CTD-3035K23.7	PLCH1	-0.322785641	4.20E-12
CTD-3035K23.7	CCDC146	-0.328152627	1.76E-12
CTD-3035K23.7	SLC16A2	-0.377289079	2.68E-16
CTD-3035K23.7	IER2	-0.202963664	1.83E-05
CTD-3035K23.7	KCNAB1	-0.246637957	1.66E-07
CTD-3035K23.7	SYNDIG1	-0.365293747	2.64E-15
CTD-3035K23.7	C16orf89	-0.419087146	4.23E-20
CTD-3035K23.7	CTGF	-0.169199694	0.000369832
CTD-3035K23.7	NR4A3	-0.17337794	0.000262247
CTD-3035K23.7	KIAA1456	-0.427233578	6.63E-21
CTD-3035K23.7	AQP4	-0.373665558	5.40E-16
CTD-3035K23.7	RNF150	-0.471388841	1.14E-25
CTD-3035K23.7	C1S	-0.112738617	0.018130638
CTD-3035K23.7	PFKFB2	-0.629211614	8.96E-50
CTD-3035K23.7	PROX1	-0.444264705	1.17E-22
CTD-3035K23.7	TCF7L1	-0.350053459	4.23E-14
CTD-3035K23.7	HSPB6	-0.226242588	1.68E-06
CTD-3035K23.7	FHDC1	-0.490218892	6.40E-28
CTD-3035K23.7	PRR15L	-0.475260293	4.04E-26
CTD-3035K23.7	SLC1A1	-0.457416437	4.38E-24
CTD-3035K23.7	BTBD11	-0.390349326	1.98E-17
CTD-3035K23.7	TRIM58	-0.594653495	2.50E-43
CTD-3035K23.7	LRIG1	-0.504047331	1.15E-29
CTD-3035K23.7	ROR2	-0.27861506	2.87E-09
CTD-3035K23.7	GPR125	-0.433265781	1.63E-21
CTD-3035K23.7	FLRT1	-0.355538737	1.58E-14
CTD-3035K23.7	PGF	-0.308397512	3.98E-11
CTD-3035K23.7	DUSP1	-0.237504053	4.80E-07
CTD-3035K23.7	PLA2G7	-0.343648365	1.30E-13
CTD-3035K23.7	PLSCR4	-0.442716975	1.70E-22
CTD-3035K23.7	FAM46B	-0.427048338	6.92E-21
CTD-3035K23.7	GLDC	-0.375855528	3.54E-16
CTD-3035K23.7	ZBTB16	-0.41191457	2.08E-19
CTD-3035K23.7	OMD	-0.178702073	0.000167291
CTD-3035K23.7	HSD11B2	-0.298940361	1.63E-10
CTD-3035K23.7	FGL2	-0.190348787	5.98E-05
CTD-3035K23.7	CLCNKA	-0.316747067	1.10E-11

CTD-3035K23.7	GATM	-0.529779474	3.93E-33
CTD-3035K23.7	TNS3	-0.492119939	3.73E-28
CTD-3035K23.7	TOB1	-0.340146683	2.37E-13
CTD-3035K23.7	MARC2	-0.476619663	2.80E-26
CTD-3035K23.7	LRRC2	-0.526799895	1.03E-32
CTD-3035K23.7	SORD	-0.391830959	1.47E-17
CTD-3035K23.7	RIMS4	-0.332396119	8.75E-13
CTD-3035K23.7	SLC29A4	-0.3572944	1.15E-14
CTD-3035K23.7	SLC39A14	-0.6443607	7.28E-53
CTD-3035K23.7	FAXDC2	-0.480041774	1.10E-26
CTD-3035K23.7	HSPB8	-0.351964576	3.01E-14
CTD-3035K23.7	CCL19	0.015269523	0.749697338
CTD-3035K23.7	KCNIP3	-0.335264639	5.42E-13
CTD-3035K23.7	CGNL1	-0.45288615	1.38E-23
CTD-3035K23.7	ATF3	-0.046099287	0.335223511
CTD-3035K23.7	SGCD	-0.362454729	4.48E-15
CTD-3035K23.7	STARD13	-0.472957421	7.52E-26
CTD-3035K23.7	LDHD	-0.460461545	2.01E-24
CTD-3035K23.7	RCAN1	-0.297272495	2.08E-10
CTD-3035K23.7	ID3	-0.272554205	6.45E-09
CTD-3035K23.7	SYTL3	-0.558233903	2.50E-37
CTD-3035K23.7	MT1E	-0.323962892	3.48E-12
CTD-3035K23.7	CAMK1D	-0.485808599	2.22E-27
CTD-3035K23.7	PRKCQ	-0.543546213	4.11E-35
CTD-3035K23.7	NUAK2	-0.420297586	3.23E-20
CTD-3035K23.7	LIPG	-0.369653687	1.16E-15
CTD-3035K23.7	SLC25A25	-0.440904151	2.63E-22
CTD-3035K23.7	PRKX	-0.339783011	2.52E-13
CTD-3035K23.7	SRPX	-0.131041316	0.00596574
CTD-3035K23.7	FAM189A1	-0.335323076	5.36E-13
CTD-3035K23.7	PLEKHH1	-0.295672569	2.63E-10
CTD-3035K23.7	WNT11	-0.305819476	5.88E-11
CTD-3035K23.7	SNAI1	-0.271982459	6.96E-09
CTD-3035K23.7	FDCSP	-0.053213013	0.265903465
CTD-3035K23.7	MT1X	-0.281083598	2.05E-09
CTD-3035K23.7	ACACB	-0.481699853	6.96E-27
CTD-3035K23.7	ARC	-0.013841629	0.772427311
CTD-3035K23.7	KLK4	-0.398054202	4.04E-18
CTD-3035K23.7	ZFPM2	-0.218575992	3.79E-06
CTD-3035K23.7	AKAP12	-0.348774936	5.30E-14
CTD-3035K23.7	GJB6	-0.351370327	3.35E-14
CTD-3035K23.7	ERO1LB	-0.463812595	8.43E-25
CTD-3035K23.7	DNALI1	-0.188262075	7.22E-05
CTD-3035K23.7	HKDC1	-0.341993548	1.73E-13
CTD-3035K23.7	ZFP36L2	-0.410426411	2.88E-19
CTD-3035K23.7	CAPSL	-0.286771776	9.33E-10
CTD-3035K23.7	CYP7B1	-0.525332304	1.64E-32
CTD-3035K23.7	CPQ	-0.318429247	8.41E-12
CTD-3035K23.7	RPS6KA6	-0.456076444	6.16E-24
CTD-3035K23.7	TLE1	-0.48272165	5.25E-27
CTD-3035K23.7	TP53INP2	-0.436091182	8.34E-22

CTD-3035K23.7	KATNAL2	-0.386896294	3.99E-17
CTD-3035K23.7	SGPP2	-0.415851834	8.72E-20
CTD-3035K23.7	CTH	-0.504942608	8.82E-30
CTD-3035K23.7	KIF12	-0.086785207	0.069278938
CTD-3035K23.7	TMEM220	-0.455453975	7.21E-24
CTD-3035K23.7	CENPJ	-0.325517855	2.71E-12
CTD-3035K23.7	FAM155B	-0.220647102	3.05E-06
CTD-3035K23.7	WFS1	-0.411182547	2.44E-19
CTD-3035K23.7	SELENBP1	-0.296723726	2.26E-10
CTD-3035K23.7	SNTA1	-0.479246492	1.37E-26
CTD-3035K23.7	FRAS1	-0.333011977	7.90E-13
CTD-3035K23.7	FBLN7	-0.523292682	3.14E-32
CTD-3035K23.7	AGPAT9	-0.456297056	5.82E-24
CTD-3035K23.7	GPR83	-0.340232494	2.33E-13
CTD-3035K23.7	PRTG	-0.496476333	1.06E-28
CTD-3035K23.7	EGR3	-0.048856606	0.307088158
CTD-3035K23.7	GRAMD2	-0.23888328	4.10E-07
CTD-3035K23.7	HYOU1	-0.517551245	1.90E-31
CTD-3035K23.7	FBLN5	-0.213187731	6.61E-06
CTD-3035K23.7	ITM2A	-0.368050073	1.57E-15
CTD-3035K23.7	SRF	-0.260665252	2.99E-08
CTD-3035K23.7	FGFR2	-0.404886668	9.52E-19
CTD-3035K23.7	MT1A	-0.228553766	1.30E-06
CTD-3035K23.7	MAMDC2	-0.191384625	5.44E-05
CTD-3035K23.7	FHL2	-0.293022195	3.85E-10
CTD-3035K23.7	FTCDNL1	-0.589655287	1.85E-42
CTD-3035K23.7	PKIA	-0.248251357	1.37E-07
CTD-3035K23.7	DNAJB4	-0.377616581	2.51E-16
CTD-3035K23.7	SLC25A33	-0.425625141	9.60E-21
CTD-3035K23.7	EYA2	-0.414432609	1.19E-19
CTD-3035K23.7	LPAR1	-0.38413401	6.94E-17
CTD-3035K23.7	STX11	-0.451166939	2.12E-23
CTD-3035K23.7	ARHGEF28	-0.565065218	2.13E-38
CTD-3035K23.7	OR2W3	-0.479783488	1.18E-26
CTD-3035K23.7	ALDH1B1	-0.668775978	3.13E-58
CTD-3035K23.7	CXCL12	-0.214166692	5.98E-06
CTD-3035K23.7	OLFM2	-0.144676572	0.002376248
CTD-3035K23.7	TUB	-0.421076274	2.71E-20
CTD-3035K23.7	HTRA3	-0.156329651	0.001014916
CTD-3035K23.7	CKB	-0.346127683	8.43E-14
CTD-3035K23.7	RGS2	-0.14839484	0.001823111
CTD-3035K23.7	SHANK2	-0.455743039	6.70E-24
CTD-3035K23.7	CNTFR	-0.342518722	1.58E-13
CTD-3035K23.7	CYTH3	-0.497339414	8.28E-29
CTD-3035K23.7	PLAC9	-0.092409202	0.053013715
CTD-3035K23.7	WWOX	-0.421413847	2.51E-20
CTD-3035K23.7	NPR3	-0.254022438	6.82E-08
CTD-3035K23.7	SDC2	-0.260669507	2.99E-08
CTD-3035K23.7	KLF15	-0.375469446	3.81E-16
CTD-3035K23.7	TMEM164	-0.482243091	5.99E-27
CTD-3035K23.7	LONRF3	-0.219408861	3.47E-06

CTD-3035K23.7	GBP1	-0.170162344	0.00034191
CTD-3035K23.7	ARHGAP6	-0.474093255	5.54E-26
CTD-3035K23.7	TMEM119	-0.156255895	0.001020588
CTD-3035K23.7	SH3RF1	-0.576671065	2.85E-40
CTD-3035K23.7	CRELD2	-0.225846862	1.75E-06
CTD-3035K23.7	PCP4	-0.026749827	0.576180024
CTD-3035K23.7	GCSH	-0.378176697	2.25E-16
CTD-3035K23.7	IMPA2	-0.442994551	1.59E-22
CTD-3035K23.7	C1R	-0.046136874	0.334829188
CTD-3035K23.7	SUCNR1	-0.298570307	1.72E-10
CTD-3035K23.7	SFRP1	-0.368987618	1.32E-15
CTD-3035K23.7	UGT8	-0.599819498	3.05E-44
CTD-3035K23.7	TLE4	-0.217678303	4.16E-06
CTD-3035K23.7	ANTXR1	-0.381674975	1.13E-16
CTD-3035K23.7	GPX3	-0.282178441	1.76E-09
CTD-3035K23.7	DPY19L2	-0.251728218	9.01E-08
CTD-3035K23.7	FAM46C	-0.47038137	1.50E-25
CTD-3035K23.7	IL33	-0.213386169	6.48E-06
CTD-3035K23.7	PEG3	-0.499016216	5.08E-29
CTD-3035K23.7	FAHD2A	-0.334176179	6.50E-13
CTD-3035K23.7	PTGDS	-0.050349019	0.292529361
CTD-3035K23.7	CHCHD10	-0.31114079	2.62E-11
CTD-3035K23.7	CD36	-0.475178595	4.13E-26
CTD-3035K23.7	ANKRD37	-0.111771427	0.019153032
CTD-3035K23.7	TSPAN33	-0.400170006	2.59E-18
CTD-3035K23.7	PRDM16	-0.35979471	7.31E-15
CTD-3035K23.7	UST	-0.415982183	8.47E-20
CTD-3035K23.7	NEXN	-0.419379898	3.97E-20
CTD-3035K23.7	NUPR1L	-0.069331074	0.146988482
CTD-3035K23.7	SLC24A3	-0.583739674	1.89E-41
CTD-3035K23.7	MARC1	-0.347880509	6.20E-14
CTD-3035K23.7	MYH11	-0.218787755	3.71E-06
CTD-3035K23.7	APOA1	-0.180786682	0.000139796
CTD-3035K23.7	TMEM178B	-0.347509746	6.62E-14
CTD-3035K23.7	CAPN6	-0.143160716	0.002642752
CTD-3035K23.7	PPM1L	-0.527524117	8.13E-33
CTD-3035K23.7	FZD8	-0.382051412	1.05E-16
CTD-3035K23.7	RCAN2	-0.39747084	4.57E-18
CTD-3035K23.7	COPZ2	-0.413871642	1.35E-19
CTD-3035K23.7	GAS1	-0.302008162	1.04E-10
CTD-3035K23.7	DACT1	-0.311956071	2.31E-11
CTD-3035K23.7	WBSCR17	-0.313669325	1.77E-11
CTD-3035K23.7	NCS1	-0.37032628	1.02E-15
CTD-3035K23.7	SPIRE2	-0.316772302	1.09E-11
CTD-3035K23.7	C15orf52	-0.36404345	3.33E-15
CTD-3035K23.7	SPAG5	-0.338783767	2.99E-13
CTD-3035K23.7	ARL4D	-0.3873723	3.63E-17
CTD-3035K23.7	FAM189A2	-0.154056848	0.00120372
CTD-3035K23.7	MAP1LC3A	-0.24642208	1.70E-07
CTD-3035K23.7	KLF6	-0.089401398	0.061265307
CTD-3035K23.7	ADD3	-0.370250113	1.04E-15

CTD-3035K23.7	TSPAN7	-0.325767489	2.60E-12
CTD-3035K23.7	KLF9	-0.321317908	5.32E-12
CTD-3035K23.7	KCNQ1	-0.473834118	5.94E-26
CTD-3035K23.7	MAN1A1	-0.240471575	3.41E-07
CTD-3035K23.7	MLF1	-0.276348214	3.89E-09
CTD-3035K23.7	RARB	-0.458785168	3.09E-24
CTD-3035K23.7	CDC42EP2	-0.279070216	2.70E-09
CTD-3035K23.7	FAM3B	-0.245825796	1.83E-07
CTD-3035K23.7	GADD45B	-0.094492652	0.047858211
CTD-3035K23.7	TMEM47	-0.377275462	2.68E-16
CTD-3035K23.7	SDF2L1	-0.156569356	0.000996685
CTD-3035K23.7	CCDC85A	-0.391068725	1.71E-17
CTD-3035K23.7	CRYBG3	-0.452915227	1.37E-23
CTD-3035K23.7	FBLN2	-0.137803415	0.003817229
CTD-3035K23.7	PEBP4	-0.223925957	2.15E-06
CTD-3035K23.7	CDADC1	-0.409197816	3.76E-19
CTD-3035K23.7	FAM63A	-0.55542765	6.75E-37
CTD-3035K23.7	GLUL	-0.461462066	1.55E-24
CTD-3035K23.7	FREM2	-0.580104523	7.68E-41
CTD-3035K23.7	ACKR3	-0.315627816	1.31E-11
CTD-3035K23.7	DENND6A	-0.522736963	3.74E-32
CTD-3035K23.7	CLDN8	-0.413940008	1.33E-19
CTD-3035K23.7	UTS2R	-0.151564871	0.001447532
CTD-3035K23.7	SCNN1B	-0.268016826	1.17E-08
CTD-3035K23.7	TTC30A	-0.569623022	3.99E-39
CTD-3035K23.7	CORO2B	-0.303163996	8.75E-11
CTD-3035K23.7	TC2N	-0.460699122	1.89E-24
CTD-3035K23.7	ALDH2	-0.435409937	9.80E-22
CTD-3035K23.7	GPR183	-0.116665953	0.014452668
CTD-3035K23.7	C4orf47	-0.06722526	0.159694201
CTD-3035K23.7	SLC25A42	-0.405519404	8.32E-19
CTD-3035K23.7	LGMN	-0.524521136	2.12E-32
CTD-3035K23.7	ACSF2	-0.446017106	7.59E-23
CTD-3035K23.7	KIAA1467	-0.642202928	2.05E-52
CTD-3035K23.7	PRKG1	-0.411791455	2.14E-19
CTD-3035K23.7	GNAI1	-0.471527416	1.10E-25
CTD-3035K23.7	ABCC4	-0.363701054	3.55E-15
CTD-3035K23.7	PRPS1	-0.593213278	4.47E-43
CTD-3035K23.7	TSPAN5	-0.362198571	4.69E-15
CTD-3035K23.7	CR2	-0.199501158	2.55E-05
CTD-3035K23.7	CCDC170	-0.428678901	4.75E-21
CTD-3035K23.7	RRAD	0.001326605	0.977888477
CTD-3035K23.7	SCGB2A1	-0.343523973	1.33E-13
CTD-3035K23.7	SESN3	-0.256705435	4.90E-08
CTD-3035K23.7	SGK223	-0.256478637	5.04E-08
CTD-3035K23.7	NDRG2	-0.496439455	1.07E-28
CTD-3035K23.7	C3orf52	-0.319064111	7.60E-12
CTD-3035K23.7	FLRT3	0.277482488	3.34E-09
CTD-3035K23.7	MST1R	0.637964684	1.54E-51
CTD-3035K23.7	SDC1	0.052903937	0.26869409
CTD-3035K23.7	ST8SIA4	0.31134461	2.54E-11

CTD-3035K23.7	UBTD1	0.552211912	2.09E-36
CTD-3035K23.7	EPAH2	0.371601966	8.02E-16
CTD-3035K23.7	TMEM130	0.524192924	2.36E-32
CTD-3035K23.7	SPINK2	0.358167835	9.84E-15
CTD-3035K23.7	MMP16	0.371212055	8.64E-16
CTD-3035K23.7	SIGLEC15	0.554069273	1.09E-36
CTD-3035K23.7	RIN1	0.666029344	1.33E-57
CTD-3035K23.7	IL1RN	0.203723062	1.70E-05
CTD-3035K23.7	FCER1G	0.26891948	1.04E-08
CTD-3035K23.7	CD276	0.540690175	1.08E-34
CTD-3035K23.7	CTSB	0.245372625	1.93E-07
CTD-3035K23.7	FAM171A2	0.357127883	1.19E-14
CTD-3035K23.7	ASPHD1	0.453485839	1.19E-23
CTD-3035K23.7	C15orf48	0.220206555	3.19E-06
CTD-3035K23.7	DYSF	0.251724956	9.02E-08
CTD-3035K23.7	PDZRN4	0.42632596	8.18E-21
CTD-3035K23.7	EFHD2	0.534278131	9.06E-34
CTD-3035K23.7	ASF1B	0.216614097	4.65E-06
CTD-3035K23.7	AQP1	0.239953018	3.62E-07
CTD-3035K23.7	ARRDC2	0.673000369	3.27E-59
CTD-3035K23.7	PRSS1	0.564670178	2.46E-38
CTD-3035K23.7	MAPK13	0.326334839	2.37E-12
CTD-3035K23.7	CST5	0.491333463	4.66E-28
CTD-3035K23.7	AHR	0.280428735	2.24E-09
CTD-3035K23.7	BAX	0.518660697	1.34E-31
CTD-3035K23.7	C1orf115	0.30219865	1.01E-10
CTD-3035K23.7	PLK3	0.532230283	1.77E-33
CTD-3035K23.7	JAG2	0.419907108	3.52E-20
CTD-3035K23.7	RAD23B	0.327887533	1.84E-12
CTD-3035K23.7	CA12	0.100647545	0.035018576
CTD-3035K23.7	ADTRP	0.359236296	8.09E-15
CTD-3035K23.7	UCP2	0.405828468	7.78E-19
CTD-3035K23.7	IGFBP2	0.401234496	2.07E-18
CTD-3035K23.7	LOXL2	0.278146571	3.06E-09
CTD-3035K23.7	GPX1	0.489552965	7.74E-28
CTD-3035K23.7	P3H3	0.580538829	6.50E-41
CTD-3035K23.7	C2orf81	0.589306651	2.12E-42
CTD-3035K23.7	CDT1	0.289213293	6.62E-10
CTD-3035K23.7	SNX25	0.375617666	3.70E-16
CTD-3035K23.7	MTHFD1L	0.378091453	2.29E-16
CTD-3035K23.7	CDC42BPG	0.398645126	3.57E-18
CTD-3035K23.7	MSN	0.23399457	7.13E-07
CTD-3035K23.7	SIGLEC6	0.329126071	1.50E-12
CTD-3035K23.7	F2R	0.148059111	0.001867719
CTD-3035K23.7	TMEM184A	0.488661801	9.95E-28
CTD-3035K23.7	CKS2	0.266341017	1.45E-08
CTD-3035K23.7	TAX1BP3	0.593703043	3.67E-43
CTD-3035K23.7	PMEP1	0.47662335	2.79E-26
CTD-3035K23.7	CXCL16	0.375559655	3.75E-16
CTD-3035K23.7	FAXC	0.533763971	1.07E-33
CTD-3035K23.7	VTCN1	0.283801314	1.41E-09

CTD-3035K23.7	SH2D4A	0.279254037	2.63E-09
CTD-3035K23.7	RNF24	0.380372908	1.46E-16
CTD-3035K23.7	LY6G6C	0.398349168	3.80E-18
CTD-3035K23.7	NID1	0.203225922	1.78E-05
CTD-3035K23.7	STAC	0.434522319	1.21E-21
CTD-3035K23.7	RAB34	0.701515363	2.77E-66
CTD-3035K23.7	HES4	0.503751174	1.26E-29
CTD-3035K23.7	EPHA10	0.496393642	1.09E-28
CTD-3035K23.7	ENTPD2	0.579922404	8.23E-41
CTD-3035K23.7	DDB2	0.487168111	1.52E-27
CTD-3035K23.7	NKAIN4	0.529260491	4.65E-33
CTD-3035K23.7	TRIM29	0.366729851	2.02E-15
CTD-3035K23.7	ADCY8	0.550879789	3.32E-36
CTD-3035K23.7	SFTA2	0.273601533	5.62E-09
CTD-3035K23.7	NRIP1	0.298928589	1.64E-10
CTD-3035K23.7	VWA1	0.417721961	5.75E-20
CTD-3035K23.7	APLNR	0.165944809	0.000480762
CTD-3035K23.7	REN	0.494388695	1.94E-28
CTD-3035K23.7	EDIL3	0.197759508	3.01E-05
CTD-3035K23.7	AGRN	0.441418454	2.33E-22
CTD-3035K23.7	TREM1	0.431800175	2.29E-21
CTD-3035K23.7	SRL	0.316722092	1.10E-11
CTD-3035K23.7	RASGRF1	0.56790764	7.52E-39
CTD-3035K23.7	RMI2	0.386058318	4.72E-17
CTD-3035K23.7	SAMD1	0.562612708	5.19E-38
CTD-3035K23.7	MGAT4B	0.499553921	4.34E-29
CTD-3035K23.7	NXN	0.495838207	1.28E-28
CTD-3035K23.7	SH3BGRL3	0.495792819	1.30E-28
CTD-3035K23.7	CA11	0.538678921	2.11E-34
CTD-3035K23.7	PLD3	0.482083382	6.26E-27
CTD-3035K23.7	LURAP1L	0.226993617	1.54E-06
CTD-3035K23.7	CARNS1	0.456671507	5.29E-24
CTD-3035K23.7	PDLIM7	0.707012697	9.58E-68
CTD-3035K23.7	BCL2L1	0.455392985	7.32E-24
CTD-3035K23.7	GGT6	0.202628219	1.89E-05
CTD-3035K23.7	DPYSL3	0.44788241	4.79E-23
CTD-3035K23.7	FYN	0.403948981	1.16E-18
CTD-3035K23.7	TK1	0.23030467	1.08E-06
CTD-3035K23.7	AK1	0.393586765	1.02E-17
CTD-3035K23.7	HIGD1B	0.290083607	5.86E-10
CTD-3035K23.7	TMEM59L	0.548255499	8.22E-36
CTD-3035K23.7	MEGF9	0.233254888	7.75E-07
CTD-3035K23.7	ZFP36L1	0.389150658	2.53E-17
CTD-3035K23.7	ADRA1B	0.352698159	2.64E-14
CTD-3035K23.7	EPHA4	0.403752678	1.21E-18
CTD-3035K23.7	TCERG1L	0.387610303	3.46E-17
CTD-3035K23.7	NGFR	0.453651079	1.14E-23
CTD-3035K23.7	EBI3	0.355419452	1.62E-14
CTD-3035K23.7	S100A10	0.449913947	2.90E-23
CTD-3035K23.7	S100B	0.392043999	1.40E-17
CTD-3035K23.7	CD44	0.300409371	1.32E-10

CTD-3035K23.7	BHLHE41	0.382165165	1.03E-16
CTD-3035K23.7	FBX02	0.585306552	1.02E-41
CTD-3035K23.7	SLC30A2	0.134372652	0.004799476
CTD-3035K23.7	FRMD5	0.323590427	3.69E-12
CTD-3035K23.7	SAMD11	0.387959082	3.22E-17
CTD-3035K23.7	SIPA1L2	0.466695866	3.97E-25
CTD-3035K23.7	S100A16	0.535610552	5.84E-34
CTD-3035K23.7	PPL	0.309252225	3.49E-11
CTD-3035K23.7	ARHGDIB	0.357313548	1.15E-14
CTD-3035K23.7	CDC42EP3	0.377595022	2.52E-16
CTD-3035K23.7	RUNX2	0.558747354	2.08E-37
CTD-3035K23.7	LAMC2	0.273846202	5.44E-09
CTD-3035K23.7	BRINP1	0.436352872	7.84E-22
CTD-3035K23.7	GPRC5B	0.292146916	4.37E-10
CTD-3035K23.7	AQP5	0.428349696	5.13E-21
CTD-3035K23.7	PLAG1	0.456408682	5.66E-24
CTD-3035K23.7	PTPRU	0.425165872	1.07E-20
CTD-3035K23.7	ANGPTL4	0.419981998	3.46E-20
CTD-3035K23.7	PALM3	0.434493951	1.22E-21
CTD-3035K23.7	ACP5	0.338329178	3.23E-13
CTD-3035K23.7	DLG4	0.482687609	5.30E-27
CTD-3035K23.7	ETNK2	0.494722088	1.77E-28
CTD-3035K23.7	CD109	0.416219902	8.04E-20
CTD-3035K23.7	SNX22	0.545763841	1.93E-35
CTD-3035K23.7	TMEM98	0.547075837	1.23E-35
CTD-3035K23.7	CTHRC1	0.383740128	7.51E-17
CTD-3035K23.7	S100A2	0.383230506	8.31E-17
CTD-3035K23.7	C11orf80	0.527554471	8.05E-33
CTD-3035K23.7	SREBF1	0.545056498	2.46E-35
CTD-3035K23.7	PRSS22	0.521811899	5.01E-32
CTD-3035K23.7	CMTM3	0.549008656	6.34E-36
CTD-3035K23.7	RDH5	0.513781065	6.09E-31
CTD-3035K23.7	MYH10	0.390638958	1.87E-17
CTD-3035K23.7	EVPL	0.419025163	4.29E-20
CTD-3035K23.7	SCD	0.219540628	3.42E-06
CTD-3035K23.7	CD151	0.605026916	3.51E-45
CTD-3035K23.7	S100A4	0.389937997	2.16E-17
CTD-3035K23.7	BNIP1	0.446133697	7.37E-23
CTD-3035K23.7	MAP3K6	0.563947965	3.20E-38
CTD-3035K23.7	MANEAL	0.268546022	1.09E-08
CTD-3035K23.7	CD207	0.431468156	2.48E-21
CTD-3035K23.7	CD1A	0.42884349	4.57E-21
CTD-3035K23.7	C3	0.367302023	1.81E-15
CTD-3035K23.7	NT5E	0.44368842	1.34E-22
CTD-3035K23.7	CACNG4	0.461045107	1.73E-24
CTD-3035K23.7	FHOD1	0.591548249	8.70E-43
CTD-3035K23.7	LEMD1	0.527449511	8.33E-33
CTD-3035K23.7	ATP11A	0.384353433	6.65E-17
CTD-3035K23.7	PPAP2C	0.464500649	7.05E-25
CTD-3035K23.7	DRAM1	0.464960486	6.25E-25
CTD-3035K23.7	CDA	0.342243465	1.65E-13

CTD-3035K23.7	CCND2	0.418623621	4.70E-20
CTD-3035K23.7	LCN6	0.493736761	2.34E-28
CTD-3035K23.7	CDH4	0.41343067	1.49E-19
CTD-3035K23.7	MMP11	0.449739204	3.03E-23
CTD-3035K23.7	B3GAT1	0.452165758	1.65E-23
CTD-3035K23.7	SPP1	0.138710607	0.003589921
CTD-3035K23.7	HLA-DQB1	0.229550236	1.17E-06
CTD-3035K23.7	SDC3	0.585820429	8.38E-42
CTD-3035K23.7	CX3CL1	0.363843743	3.46E-15
CTD-3035K23.7	SDK1	0.499171386	4.85E-29
CTD-3035K23.7	DOCK9	0.295370172	2.75E-10
CTD-3035K23.7	CSF2	0.575464596	4.49E-40
CTD-3035K23.7	GRHL3	0.429208096	4.20E-21
CTD-3035K23.7	TMEM92	0.57299817	1.14E-39
CTD-3035K23.7	BASP1	0.486946845	1.61E-27
CTD-3035K23.7	HRH1	0.508091257	3.43E-30
CTD-3035K23.7	ESM1	0.18920501	6.63E-05
CTD-3035K23.7	B4GALNT3	0.489664308	7.50E-28
CTD-3035K23.7	LMO3	0.334388935	6.27E-13
CTD-3035K23.7	C9orf16	0.567524821	8.66E-39
CTD-3035K23.7	SEMA3F	0.490461434	5.98E-28
CTD-3035K23.7	PLA2G12B	0.291419588	4.84E-10
CTD-3035K23.7	KLK6	0.495110898	1.58E-28
CTD-3035K23.7	ST3GAL5	0.547251432	1.16E-35
CTD-3035K23.7	FAM132B	0.271829132	7.10E-09
CTD-3035K23.7	CDKN1A	0.228646732	1.29E-06
CTD-3035K23.7	E2F1	0.267953567	1.18E-08
CTD-3035K23.7	B3GNT8	0.487783544	1.28E-27
CTD-3035K23.7	MTMR11	0.594523714	2.64E-43
CTD-3035K23.7	MYO1G	0.380170931	1.52E-16
CTD-3035K23.7	TMSB10	0.598592604	5.04E-44
CTD-3035K23.7	UNC5CL	0.591007707	1.08E-42
CTD-3035K23.7	ABR	0.397519349	4.52E-18
CTD-3035K23.7	PLP2	0.504278951	1.08E-29
CTD-3035K23.7	SRCIN1	0.38453924	6.40E-17
CTD-3035K23.7	PDE9A	0.506116313	6.22E-30
CTD-3035K23.7	TREM2	0.293810527	3.44E-10
CTD-3035K23.7	KDELR3	0.355513206	1.59E-14
CTD-3035K23.7	PC	0.437735645	5.64E-22
CTD-3035K23.7	C2CD4A	0.360389576	6.55E-15
CTD-3035K23.7	PELI1	0.418789429	4.53E-20
CTD-3035K23.7	SSX1	0.275497899	4.36E-09
CTD-3035K23.7	MROH6	0.503855992	1.22E-29
CTD-3035K23.7	ESPN	0.554397201	9.70E-37
CTD-3035K23.7	BMP1	0.605782626	2.56E-45
CTD-3035K23.7	TM4SF4	0.479100739	1.42E-26
CTD-3035K23.7	CORO2A	0.373111399	6.00E-16
CTD-3035K23.7	CD164L2	0.496500818	1.06E-28
CTD-3035K23.7	CTSS	0.22003096	3.25E-06
CTD-3035K23.7	CLU	0.652856194	1.12E-54
CTD-3035K23.7	TMSB4X	0.467717805	3.03E-25

CTD-3035K23.7	WNT10A	0.525987186	1.33E-32
CTD-3035K23.7	NAPSA	0.507849992	3.69E-30
CTD-3035K23.7	PLEKHA4	0.55459166	9.06E-37
CTD-3035K23.7	SFTPA1	0.26922929	9.98E-09
CTD-3035K23.7	C1orf116	0.328770755	1.59E-12
CTD-3035K23.7	TM4SF1	0.380800831	1.34E-16
CTD-3035K23.7	SEL1L3	0.35333047	2.36E-14
CTD-3035K23.7	VASN	0.655140486	3.58E-55
CTD-3035K23.7	NPTXR	0.389936011	2.16E-17
CTD-3035K23.7	PDE4C	0.427817664	5.80E-21
CTD-3035K23.7	CDC42EP1	0.605303641	3.13E-45
CTD-3035K23.7	ENDOD1	0.3653936	2.59E-15
CTD-3035K23.7	RYR1	0.522706184	3.78E-32
CTD-3035K23.7	IL1RAP	0.473884612	5.86E-26
CTD-3035K23.7	SLC35F2	0.493692011	2.37E-28
CTD-3035K23.7	ISYNA1	0.693493038	3.28E-64
CTD-3035K23.7	HLA-G	0.303249807	8.64E-11
CTD-3035K23.7	CDKN2B	0.377257591	2.69E-16
CTD-3035K23.7	ALDH1A3	0.338390877	3.20E-13
CTD-3035K23.7	CLIP3	0.551729239	2.47E-36
CTD-3035K23.7	ULBP2	0.42820871	5.30E-21
CTD-3035K23.7	ETHE1	0.499223724	4.78E-29
CTD-3035K23.7	XPR1	0.39873064	3.51E-18
CTD-3035K23.7	SPTBN2	0.328435309	1.68E-12
CTD-3035K23.7	IVL	0.396854765	5.19E-18
CTD-3035K23.7	MARCO	0.298490027	1.74E-10
CTD-3035K23.7	PLXND1	0.415574968	9.27E-20
CTD-3035K23.7	EMILIN2	0.410877454	2.61E-19
CTD-3035K23.7	PLAUR	0.444260592	1.17E-22
CTD-3035K23.7	CDC42EP5	0.634800575	6.80E-51
CTD-3035K23.7	TRPC5	0.38200454	1.06E-16
CTD-3035K23.7	TMEM100	0.475550067	3.74E-26
CTD-3035K23.7	QSOX1	0.537942643	2.70E-34
CTD-3035K23.7	ARHGAP23	0.497820952	7.19E-29
CTD-3035K23.7	MDFI	0.509088232	2.54E-30
CTD-3035K23.7	FSTL3	0.608538102	8.01E-46
CTD-3035K23.7	INF2	0.466584949	4.08E-25
CTD-3035K23.7	TGFBR1	0.358908226	8.59E-15
CTD-3035K23.7	TGFBI	0.376364582	3.20E-16
CTD-3035K23.7	ERBB3	0.358070109	1.00E-14
CTD-3035K23.7	CCL18	0.282064546	1.79E-09
CTD-3035K23.7	CCL17	0.455324493	7.45E-24
CTD-3035K23.7	C16orf45	0.53324669	1.27E-33
CTD-3035K23.7	PRDM1	0.362573447	4.38E-15
CTD-3035K23.7	TRIM47	0.50550783	7.46E-30
CTD-3035K23.7	CNFN	0.519567038	1.01E-31
CTD-3035K23.7	ARMCX3	0.377304255	2.67E-16
CTD-3035K23.7	RAMP1	0.544471135	3.00E-35
CTD-3035K23.7	GABRD	0.354657501	1.86E-14
CTD-3035K23.7	COL13A1	0.50592001	6.59E-30
CTD-3035K23.7	S100A5	0.461515397	1.53E-24

CTD-3035K23.7	MISP	0.438389374	4.82E-22
CTD-3035K23.7	HES6	0.412033997	2.03E-19
CTD-3035K23.7	PSD3	0.284659745	1.25E-09
CTD-3035K23.7	DOK7	0.579893611	8.32E-41
CTD-3035K23.7	ZMAT3	0.281187139	2.02E-09
CTD-3035K23.7	MFAP2	0.521574463	5.40E-32
CTD-3035K23.7	TMEM79	0.476604486	2.81E-26
CTD-3035K23.7	SLC1A5	0.466754303	3.90E-25
CTD-3035K23.7	BBC3	0.565565053	1.77E-38
CTD-3035K23.7	HLA-DQB2	0.368085249	1.56E-15
CTD-3035K23.7	C1QL1	0.566308991	1.35E-38
CTD-3035K23.7	TMEM215	0.515947057	3.12E-31
CTD-3035K23.7	PNP	0.317468015	9.78E-12
CTD-3035K23.7	ARNTL	0.531511593	2.24E-33
CTD-3035K23.7	CLDN2	0.457596161	4.18E-24
CTD-3035K23.7	MVP	0.54131199	8.74E-35
CTD-3035K23.7	LGALS1	0.614436978	6.39E-47
CTD-3035K23.7	BIRC7	0.484479501	3.22E-27
CTD-3035K23.7	COL8A1	0.434740464	1.15E-21
CTD-3035K23.7	PERP	0.334348936	6.32E-13
CTD-3035K23.7	GJA4	0.451537844	1.93E-23
CTD-3035K23.7	IGFL2	0.485560534	2.38E-27
CTD-3035K23.7	DAPK2	0.452203345	1.64E-23
CTD-3035K23.7	MAMLD1	0.480424026	9.89E-27
CTD-3035K23.7	ETV5	0.384285351	6.74E-17
CTD-3035K23.7	RUNX1	0.428389694	5.08E-21
CTD-3035K23.7	LONRF2	0.40130116	2.04E-18
CTD-3035K23.7	SPOCK1	0.406150581	7.26E-19
CTD-3035K23.7	XKRX	0.453556899	1.16E-23
CTD-3035K23.7	TGFB1	0.521036616	6.39E-32
CTD-3035K23.7	ERP27	0.349994738	4.27E-14
CTD-3035K23.7	TNFRSF10C	0.310718682	2.79E-11
CTD-3035K23.7	PALM	0.596888286	1.01E-43
CTD-3035K23.7	TSC22D1	0.583300262	2.24E-41
CTD-3035K23.7	TGM2	0.310008502	3.11E-11
CTD-3035K23.7	UBE2QL1	0.452099804	1.68E-23
CTD-3035K23.7	ECE1	0.53543907	6.18E-34
CTD-3035K23.7	COL8A2	0.555687212	6.16E-37
CTD-3035K23.7	HIST3H2A	0.359823503	7.27E-15
CTD-3035K23.7	TNFRSF21	0.385013119	5.83E-17
CTD-3035K23.7	SOX4	0.440316377	3.04E-22
CTD-3035K23.7	ELF3	0.43550511	9.58E-22
CTD-3035K23.7	TPD52L1	0.438941547	4.22E-22
CTD-3035K23.7	INHBB	0.569389841	4.35E-39
CTD-3035K23.7	HPN	0.52079762	6.89E-32
CTD-3035K23.7	MMP7	0.349489214	4.67E-14
CTD-3035K23.7	RAB27A	0.404933332	9.43E-19
CTD-3035K23.7	IGF2BP2	0.487685108	1.31E-27
CTD-3035K23.7	ITGB4	0.533801983	1.06E-33
CTD-3035K23.7	PPP1R1B	0.549807484	4.81E-36
CTD-3035K23.7	NPDC1	0.647888481	1.31E-53

CTD-3035K23.7	CCL13	0.443509294	1.40E-22
CTD-3035K23.7	SPINT1	0.460263114	2.11E-24
CTD-3035K23.7	HEY2	0.459691509	2.45E-24
CTD-3035K23.7	CST2	0.438178781	5.07E-22
CTD-3035K23.7	ADM	0.331049656	1.09E-12
CTD-3035K23.7	VSTM2L	0.319811595	6.75E-12
CTD-3035K23.7	FAM84A	0.443060222	1.56E-22
CTD-3035K23.7	P4HA2	0.373963559	5.10E-16
CTD-3035K23.7	LPL	0.485714278	2.28E-27
CTD-3035K23.7	TMEM173	0.549476861	5.39E-36
CTD-3035K23.7	DHRS3	0.553635676	1.27E-36
CTD-3035K23.7	SCN1B	0.61534417	4.31E-47
CTD-3035K23.7	GLT1D1	0.456516762	5.51E-24
CTD-3035K23.7	PHYHIP	0.483666004	4.04E-27
CTD-3035K23.7	BHLHE40	0.374285813	4.79E-16
CTD-3035K23.7	BID	0.515711047	3.36E-31
CTD-3035K23.7	POSTN	0.201606422	2.08E-05
CTD-3035K23.7	ITGA3	0.436759236	7.11E-22
CTD-3035K23.7	RSPO4	0.553499228	1.33E-36
CTD-3035K23.7	ADAMTS9	0.440403607	2.97E-22
CTD-3035K23.7	ABTB2	0.472832604	7.77E-26
CTD-3035K23.7	KCNQ3	0.463108798	1.01E-24
CTD-3035K23.7	ANXA1	0.467715252	3.03E-25
CTD-3035K23.7	S100A11	0.575499062	4.43E-40
CTD-3035K23.7	CEACAM6	0.319575093	7.01E-12
CTD-3035K23.7	IER5L	0.600841153	2.00E-44
CTD-3035K23.7	KRT80	0.306375904	5.40E-11
CTD-3035K23.7	CDH6	0.467666318	3.07E-25
CTD-3035K23.7	UNC5B	0.413120755	1.60E-19
CTD-3035K23.7	PLEKHN1	0.64996186	4.73E-54
CTD-3035K23.7	SYTL1	0.639372562	7.92E-52
CTD-3035K23.7	TMEM163	0.536443421	4.43E-34
CTD-3035K23.7	C4orf48	0.575961736	3.72E-40
CTD-3035K23.7	B3GNT7	0.483132269	4.68E-27
CTD-3035K23.7	BAIAP3	0.542485411	5.88E-35
CTD-3035K23.7	PHLDA2	0.509652461	2.14E-30
CTD-3035K23.7	GAP43	0.617566465	1.64E-47
CTD-3035K23.7	S100A1	0.365836984	2.39E-15
CTD-3035K23.7	PTPRE	0.422980725	1.76E-20
CTD-3035K23.7	CCND1	0.341095149	2.01E-13
CTD-3035K23.7	ST6GALNAC5	0.421002675	2.75E-20
CTD-3035K23.7	KRT17	0.408205947	4.66E-19
CTD-3035K23.7	HPCAL4	0.509605371	2.17E-30
CTD-3035K23.7	GABBR2	0.345576644	9.28E-14
CTD-3035K23.7	DIRAS3	0.562826031	4.80E-38
CTD-3035K23.7	SERINC2	0.386524396	4.30E-17
CTD-3035K23.7	PTCHD4	0.460464523	2.01E-24
CTD-3035K23.7	EPS8	0.352138894	2.92E-14
CTD-3035K23.7	LY6E	0.56609666	1.46E-38
CTD-3035K23.7	UPP1	0.601448359	1.56E-44
CTD-3035K23.7	AHNAK2	0.411667205	2.19E-19

CTD-3035K23.7	PLXNC1	0.415486319	9.46E-20
CTD-3035K23.7	TNC	0.390389749	1.97E-17
CTD-3035K23.7	DUSP4	0.412808003	1.71E-19
CTD-3035K23.7	NRCAM	0.378614833	2.07E-16
CTD-3035K23.7	NRP2	0.458989272	2.93E-24
CTD-3035K23.7	CTSC	0.391993363	1.42E-17
CTD-3035K23.7	AMIGO2	0.561252629	8.47E-38
CTD-3035K23.7	NAB2	0.549283395	5.77E-36
CTD-3035K23.7	TBC1D2	0.447305699	5.53E-23
CTD-3035K23.7	PHLDA3	0.551140188	3.03E-36
CTD-3035K23.7	PTP4A3	0.538732677	2.07E-34
CTD-3035K23.7	CRABP2	0.312486827	2.13E-11
CTD-3035K23.7	GOS2	0.537467913	3.16E-34
CTD-3035K23.7	S100A6	0.53926939	1.73E-34
CTD-3035K23.7	FOXQ1	0.442994835	1.59E-22
CTD-3035K23.7	LRG1	0.507949845	3.58E-30
CTD-3035K23.7	LAMP5	0.54199437	6.94E-35
CTD-3035K23.7	ALDH3B1	0.477477354	2.22E-26
CTD-3035K23.7	CDH2	0.258551023	3.90E-08
CTD-3035K23.7	SCG5	0.512275603	9.65E-31
CTD-3035K23.7	ZCCHC16	0.412419527	1.86E-19
CTD-3035K23.7	GRB7	0.563904705	3.25E-38
CTD-3035K23.7	TIAM1	0.551226709	2.94E-36
CTD-3035K23.7	FXYD5	0.534386637	8.74E-34
CTD-3035K23.7	CLDN9	0.435151226	1.04E-21
CTD-3035K23.7	FAM43A	0.460404384	2.04E-24
CTD-3035K23.7	CHST2	0.495626869	1.36E-28
CTD-3035K23.7	HMGA2	0.522933975	3.51E-32
CTD-3035K23.7	GALNT7	0.402652161	1.53E-18
CTD-3035K23.7	CBLN1	0.351539064	3.25E-14
CTD-3035K23.7	STRA6	0.567350077	9.23E-39
CTD-3035K23.7	MUC21	0.318675583	8.09E-12
CTD-3035K23.7	PRR36	0.638293889	1.32E-51
CTD-3035K23.7	NFE2L3	0.451042406	2.19E-23
CTD-3035K23.7	NR1D1	0.323377813	3.82E-12
CTD-3035K23.7	MUC1	0.402545641	1.57E-18
CTD-3035K23.7	NAT8L	0.487125276	1.53E-27
CTD-3035K23.7	APOC1	0.471971793	9.79E-26
CTD-3035K23.7	EVA1A	0.557286287	3.50E-37
CTD-3035K23.7	ENTPD1	0.389712192	2.26E-17
CTD-3035K23.7	COL1A1	0.404542286	1.03E-18
CTD-3035K23.7	FNDC4	0.491385221	4.60E-28
CTD-3035K23.7	FRMD3	0.284329831	1.31E-09
CTD-3035K23.7	SHROOM4	0.450090109	2.77E-23
CTD-3035K23.7	NELL2	0.484066411	3.61E-27
CTD-3035K23.7	EPHB3	0.469771043	1.76E-25
CTD-3035K23.7	TMC6	0.521741264	5.12E-32
CTD-3035K23.7	NOD1	0.579424696	9.96E-41
CTD-3035K23.7	GGCT	0.557716906	3.00E-37
CTD-3035K23.7	ICAM1	0.365022979	2.78E-15
CTD-3035K23.7	PRSS23	0.455988844	6.30E-24

CTD-3035K23.7	CFI	0.562123652	6.19E-38
CTD-3035K23.7	CD55	0.423331489	1.62E-20
CTD-3035K23.7	RASD2	0.592297151	6.45E-43
CTD-3035K23.7	KLK11	0.44100374	2.57E-22
CTD-3035K23.7	ICAM5	0.633109873	1.49E-50
CTD-3035K23.7	ADORA1	0.428069425	5.47E-21
CTD-3035K23.7	ITGA2	0.352618446	2.68E-14
CTD-3035K23.7	ABCC3	0.535197947	6.69E-34
CTD-3035K23.7	MFGE8	0.61554955	3.95E-47
CTD-3035K23.7	STK32A	0.486067027	2.07E-27
CTD-3035K23.7	CYSLTR2	0.490290094	6.28E-28
CTD-3035K23.7	LAD1	0.413989225	1.32E-19
CTD-3035K23.7	MGAT3	0.453192377	1.28E-23
CTD-3035K23.7	IGFBP6	0.670852667	1.04E-58
CTD-3035K23.7	CYP2S1	0.477577349	2.16E-26
CTD-3035K23.7	KCNJ2	0.514377349	5.07E-31
CTD-3035K23.7	FAM20A	0.581752674	4.07E-41
CTD-3035K23.7	TGFA	0.370418616	1.00E-15
CTD-3035K23.7	MXRA8	0.654154006	5.88E-55
CTD-3035K23.7	C8orf4	0.450655899	2.41E-23
CTD-3035K23.7	CLDN10	0.582268752	3.34E-41
CTD-3035K23.7	PDE5A	0.356275866	1.39E-14
CTD-3035K23.7	APOE	0.505624704	7.20E-30
CTD-3035K23.7	SPOCK2	0.428295514	5.19E-21
CTD-3035K23.7	TENM1	0.515447229	3.65E-31
CTD-3035K23.7	SLIT1	0.511967248	1.06E-30
CTD-3035K23.7	CXCL14	0.553635534	1.27E-36
CTD-3035K23.7	ECM1	0.388563167	2.85E-17
CTD-3035K23.7	DUSP5	0.449088028	3.56E-23
CTD-3035K23.7	SEZ6L2	0.370575772	9.75E-16
CTD-3035K23.7	THRSP	0.243358676	2.44E-07
CTD-3035K23.7	C19orf33	0.527183991	9.07E-33
CTD-3035K23.7	MPZL2	0.428415509	5.05E-21
CTD-3035K23.7	CTSH	0.531213025	2.47E-33
CTD-3035K23.7	CYP1B1	0.389786231	2.22E-17
CTD-3035K23.7	ALOX5	0.401442146	1.98E-18
CTD-3035K23.7	SYTL5	0.438005294	5.29E-22
CTD-3035K23.7	TNFRSF12A	0.605202795	3.26E-45
CTD-3035K23.7	DUSP6	0.556548307	4.54E-37
CTD-3035K23.7	ALOX15B	0.403140082	1.38E-18
CTD-3035K23.7	SDC4	0.560841016	9.82E-38
CTD-3035K23.7	MDK	0.607275891	1.37E-45
CTD-3035K23.7	KRT19	0.505390673	7.72E-30
CTD-3035K23.7	MET	0.327567122	1.94E-12
CTD-3035K23.7	TESC	0.528315286	6.30E-33
CTD-3035K23.7	CXCL17	0.40450748	1.03E-18
CTD-3035K23.7	NPC2	0.554869945	8.22E-37
CTD-3035K23.7	COMP	0.504548584	9.92E-30
CTD-3035K23.7	TUSC3	0.621095393	3.46E-48
CTD-3035K23.7	TMPRSS4	0.496201594	1.15E-28
CTD-3035K23.7	LGALS3	0.525437973	1.59E-32

CTD-3035K23.7	CRLF1	0.554287844	1.01E-36
CTD-3035K23.7	CTXN1	0.654092875	6.06E-55
CTD-3035K23.7	PCSK1N	0.589328352	2.10E-42
CTD-3035K23.7	NMU	0.3150025	1.44E-11
CTD-3035K23.7	GALE	0.601917982	1.28E-44
CTD-3035K23.7	PCSK2	0.362448205	4.48E-15
CTD-3035K23.7	GJB3	0.561513042	7.71E-38
CTD-3035K23.7	SLPI	0.479613141	1.24E-26
CTD-3035K23.7	AGR2	0.427883902	5.71E-21
CTD-3035K23.7	MRC2	0.799349988	1.01E-98
CTD-3035K23.7	GOLT1A	0.611094721	2.69E-46
CTD-3035K23.7	SLC27A6	0.505035884	8.58E-30
CTD-3035K23.7	KCNN4	0.598813729	4.61E-44
CTD-3035K23.7	ETV4	0.60435938	4.65E-45
CTD-3035K23.7	SYT12	0.574914125	5.53E-40
CTD-3035K23.7	PVRL4	0.444498878	1.10E-22
CTD-3035K23.7	PLCD3	0.547971824	9.06E-36
CTD-3035K23.7	PLAU	0.514769388	4.49E-31
CTD-3035K23.7	LRRK2	0.372219384	7.12E-16
CTD-3035K23.7	SFN	0.455870977	6.49E-24
CTD-3035K23.7	LPAR5	0.521122002	6.22E-32
CTD-3035K23.7	NGEF	0.497521249	7.85E-29
CTD-3035K23.7	DTX4	0.402700811	1.52E-18
CTD-3035K23.7	CST6	0.584429004	1.44E-41
CTD-3035K23.7	QPCT	0.553355121	1.40E-36
CTD-3035K23.7	TIMP1	0.722034697	6.44E-72
CTD-3035K23.7	CAMK2N1	0.595904076	1.51E-43
CTD-3035K23.7	KLHDC8A	0.576660285	2.86E-40
CTD-3035K23.7	PDLIM4	0.641497996	2.88E-52
CTD-3035K23.7	SCEL	0.38607775	4.71E-17
CTD-3035K23.7	LCN2	0.392869777	1.18E-17
CTD-3035K23.7	PROS1	0.398286689	3.85E-18
CTD-3035K23.7	GABRB2	0.465166008	5.92E-25
CTD-3035K23.7	TMPRSS6	0.495994511	1.22E-28
CTD-3035K23.7	KLK7	0.462708033	1.12E-24
CTD-3035K23.7	PDZK1IP1	0.422167713	2.11E-20
CTD-3035K23.7	CDH3	0.569822871	3.71E-39
CTD-3035K23.7	LRP4	0.479709733	1.20E-26
CTD-3035K23.7	IGSF1	0.421795957	2.30E-20
CTD-3035K23.7	B3GNT3	0.43829491	4.93E-22
CTD-3035K23.7	CLDN1	0.510377534	1.72E-30
CTD-3035K23.7	GDF15	0.410850222	2.62E-19
CTD-3035K23.7	ARHGAP36	0.416973273	6.80E-20
CTD-3035K23.7	LAMB3	0.531165226	2.51E-33
CTD-3035K23.7	KLK10	0.513639795	6.36E-31
CTD-3035K23.7	DPP4	0.350859662	3.66E-14
CTD-3035K23.7	METTL7B	0.53465783	7.99E-34
CTD-3035K23.7	LIPH	0.438259025	4.97E-22
CTD-3035K23.7	CLDN16	0.423137597	1.70E-20
CTD-3035K23.7	CHI3L1	0.435600992	9.37E-22
CTD-3035K23.7	SLC22A31	0.661459222	1.43E-56

CTD-3035K23.7	TACSTD2	0.44971807	3.04E-23
CTD-3035K23.7	SFTPB	0.467171022	3.50E-25
CTD-3035K23.7	RXRG	0.52028658	8.09E-32
CTD-3035K23.7	DCSTAMP	0.407031684	6.01E-19
CTD-3035K23.7	CITED1	0.446076111	7.48E-23
CTD-3035K23.7	SERPINA1	0.559428316	1.63E-37
CTD-3035K23.7	PRR15	0.62850498	1.24E-49
CTD-3035K23.7	SLC34A2	0.329926871	1.32E-12
CTD-3035K23.7	FN1	0.374387511	4.70E-16
CTD-3035K23.7	ZCCHC12	0.524677866	2.02E-32
UNC5B-AS1	TFF3	-0.501168676	2.70E-29
UNC5B-AS1	CCL21	-0.343645166	1.30E-13
UNC5B-AS1	TPO	-0.593789329	3.54E-43
UNC5B-AS1	MT1G	-0.49247768	3.36E-28
UNC5B-AS1	DI01	-0.501076907	2.77E-29
UNC5B-AS1	DPT	-0.31517808	1.40E-11
UNC5B-AS1	CDH16	-0.506145071	6.16E-30
UNC5B-AS1	CRABP1	-0.549579449	5.21E-36
UNC5B-AS1	SLC26A7	-0.719477014	3.46E-71
UNC5B-AS1	MT1H	-0.460247559	2.12E-24
UNC5B-AS1	SLC26A4	-0.672797199	3.65E-59
UNC5B-AS1	SLC5A8	-0.586869655	5.55E-42
UNC5B-AS1	PKHD1L1	-0.555956162	5.60E-37
UNC5B-AS1	TFCP2L1	-0.644780176	5.94E-53
UNC5B-AS1	WSCD2	-0.595650126	1.67E-43
UNC5B-AS1	IPCEF1	-0.555005932	7.83E-37
UNC5B-AS1	SLC5A5	-0.39407298	9.24E-18
UNC5B-AS1	MT1F	-0.444696207	1.05E-22
UNC5B-AS1	FOSB	-0.327062097	2.10E-12
UNC5B-AS1	SEMA3D	-0.577629719	1.98E-40
UNC5B-AS1	BMP8A	-0.547832889	9.51E-36
UNC5B-AS1	MATN2	-0.69703168	4.07E-65
UNC5B-AS1	PLA2R1	-0.548698811	7.06E-36
UNC5B-AS1	COL23A1	-0.559526601	1.57E-37
UNC5B-AS1	HGD	-0.573552984	9.23E-40
UNC5B-AS1	TCEAL2	-0.362484495	4.45E-15
UNC5B-AS1	CHRD1	-0.316636431	1.11E-11
UNC5B-AS1	TNFRSF11B	-0.508402852	3.13E-30
UNC5B-AS1	FAM167A	-0.650334986	3.93E-54
UNC5B-AS1	KIT	-0.619618072	6.64E-48
UNC5B-AS1	SLC4A4	-0.703046473	1.09E-66
UNC5B-AS1	SMOC2	-0.416336645	7.83E-20
UNC5B-AS1	FHL1	-0.625399541	5.05E-49
UNC5B-AS1	OTOS	-0.424068672	1.37E-20
UNC5B-AS1	IGFBPL1	-0.671996759	5.61E-59
UNC5B-AS1	HBB	-0.401546179	1.94E-18
UNC5B-AS1	BEX1	-0.388596064	2.83E-17
UNC5B-AS1	FABP4	-0.588008086	3.55E-42
UNC5B-AS1	LMOD1	-0.585782561	8.50E-42
UNC5B-AS1	SOD3	-0.412737499	1.74E-19
UNC5B-AS1	TMEM171	-0.526982101	9.67E-33

UNC5B-AS1	PI16	-0.334382227	6.28E-13
UNC5B-AS1	ZMAT4	-0.55638871	4.81E-37
UNC5B-AS1	MFAP4	-0.25759526	4.39E-08
UNC5B-AS1	CWH43	-0.524542502	2.11E-32
UNC5B-AS1	SPX	-0.702255583	1.77E-66
UNC5B-AS1	APOD	-0.116261116	0.014798791
UNC5B-AS1	DPP6	-0.538647303	2.13E-34
UNC5B-AS1	MMRN1	-0.520473144	7.63E-32
UNC5B-AS1	WDR72	-0.684197164	6.83E-62
UNC5B-AS1	MPPED2	-0.657894114	8.90E-56
UNC5B-AS1	PAPSS2	-0.537267784	3.37E-34
UNC5B-AS1	DCN	-0.187035276	8.06E-05
UNC5B-AS1	SORBS2	-0.6308501	4.23E-50
UNC5B-AS1	EGR2	-0.392793908	1.20E-17
UNC5B-AS1	EDN3	-0.502184894	2.00E-29
UNC5B-AS1	DIO2	-0.688089063	7.49E-63
UNC5B-AS1	ITPR1	-0.636114001	3.68E-51
UNC5B-AS1	CFD	-0.039602087	0.40783199
UNC5B-AS1	CPXM1	-0.339614782	2.59E-13
UNC5B-AS1	ELMO1	-0.599760152	3.12E-44
UNC5B-AS1	GPC3	-0.463367313	9.47E-25
UNC5B-AS1	MYOC	-0.31290497	1.99E-11
UNC5B-AS1	DEPTOR	-0.567871937	7.62E-39
UNC5B-AS1	DGKI	-0.528491685	5.95E-33
UNC5B-AS1	CARTPT	-0.48304291	4.80E-27
UNC5B-AS1	IYD	-0.628324812	1.34E-49
UNC5B-AS1	LYVE1	-0.414488492	1.18E-19
UNC5B-AS1	CLCNKB	-0.553885694	1.16E-36
UNC5B-AS1	NCAM1	-0.467390042	3.30E-25
UNC5B-AS1	HBA2	-0.264669584	1.80E-08
UNC5B-AS1	GLT8D2	-0.500356085	3.43E-29
UNC5B-AS1	OGDHL	-0.554343548	9.89E-37
UNC5B-AS1	LIFR	-0.694060453	2.35E-64
UNC5B-AS1	CSGALNACT1	-0.513368183	6.91E-31
UNC5B-AS1	RAP1GAP	-0.616732799	2.36E-47
UNC5B-AS1	COL9A3	-0.413935749	1.33E-19
UNC5B-AS1	FBLN1	-0.141530874	0.00295944
UNC5B-AS1	EFEMP1	-0.402690955	1.52E-18
UNC5B-AS1	AOX1	-0.495902595	1.26E-28
UNC5B-AS1	GRIN2C	-0.502907046	1.62E-29
UNC5B-AS1	C11orf74	-0.502039705	2.09E-29
UNC5B-AS1	PPARGC1A	-0.632969873	1.59E-50
UNC5B-AS1	ANGPTL1	-0.605508288	2.87E-45
UNC5B-AS1	SCARA5	-0.277503446	3.33E-09
UNC5B-AS1	LTF	-0.458884003	3.01E-24
UNC5B-AS1	CA4	-0.565084236	2.11E-38
UNC5B-AS1	TG	-0.669209826	2.49E-58
UNC5B-AS1	FCGBP	-0.488820097	9.52E-28
UNC5B-AS1	PBX4	-0.457720078	4.05E-24
UNC5B-AS1	CYR61	-0.333985647	6.71E-13
UNC5B-AS1	FOS	-0.350924395	3.62E-14

UNC5B-AS1	KHDRBS2	-0.554040014	1.10E-36
UNC5B-AS1	MUM1L1	-0.409942577	3.20E-19
UNC5B-AS1	RGS16	-0.539943137	1.38E-34
UNC5B-AS1	MT1M	-0.427681292	5.98E-21
UNC5B-AS1	LRP2	-0.638810204	1.03E-51
UNC5B-AS1	MAFB	-0.518310678	1.50E-31
UNC5B-AS1	KCNK2	-0.546443016	1.53E-35
UNC5B-AS1	TBC1D4	-0.621282686	3.18E-48
UNC5B-AS1	MIOX	-0.516587504	2.56E-31
UNC5B-AS1	TPPP	-0.625607192	4.60E-49
UNC5B-AS1	FMOD	-0.51991189	9.10E-32
UNC5B-AS1	CITED2	-0.497880866	7.07E-29
UNC5B-AS1	RGS8	-0.563996398	3.14E-38
UNC5B-AS1	ABI3BP	-0.497760871	7.32E-29
UNC5B-AS1	ADH1B	-0.351838107	3.08E-14
UNC5B-AS1	OGN	-0.268366422	1.12E-08
UNC5B-AS1	NR4A1	-0.28986814	6.04E-10
UNC5B-AS1	FOXJ1	-0.470411142	1.48E-25
UNC5B-AS1	ALDH1A1	-0.547888773	9.33E-36
UNC5B-AS1	OCA2	-0.380887085	1.32E-16
UNC5B-AS1	TMEM139	-0.263035608	2.22E-08
UNC5B-AS1	ARHGAP24	-0.619737358	6.30E-48
UNC5B-AS1	SLC25A15	-0.669099334	2.64E-58
UNC5B-AS1	DES	-0.277652544	3.27E-09
UNC5B-AS1	GDF10	-0.441215433	2.44E-22
UNC5B-AS1	KIAA1324	-0.456025253	6.24E-24
UNC5B-AS1	JUN	-0.350619159	3.82E-14
UNC5B-AS1	C7	-0.106146631	0.026150847
UNC5B-AS1	LGI3	-0.610410217	3.61E-46
UNC5B-AS1	CDON	-0.668982885	2.80E-58
UNC5B-AS1	BCL2	-0.672381613	4.56E-59
UNC5B-AS1	HLF	-0.659856304	3.27E-56
UNC5B-AS1	EGR1	-0.420142448	3.34E-20
UNC5B-AS1	IP6K3	-0.529489801	4.31E-33
UNC5B-AS1	SCUBE3	-0.513344922	6.96E-31
UNC5B-AS1	PKNOX2	-0.503264194	1.45E-29
UNC5B-AS1	SMAD9	-0.505083553	8.46E-30
UNC5B-AS1	IQGAP2	-0.679891522	7.57E-61
UNC5B-AS1	GNA14	-0.582333055	3.25E-41
UNC5B-AS1	LAYN	-0.464234566	7.55E-25
UNC5B-AS1	AVPR1A	-0.675178379	1.01E-59
UNC5B-AS1	PDLIM3	-0.416862013	6.97E-20
UNC5B-AS1	GPM6A	-0.634703136	7.11E-51
UNC5B-AS1	SDPR	-0.592704267	5.48E-43
UNC5B-AS1	CRYAB	-0.277216453	3.46E-09
UNC5B-AS1	FOXA2	-0.347741527	6.35E-14
UNC5B-AS1	C8orf88	-0.613077202	1.15E-46
UNC5B-AS1	ISM1	-0.418695414	4.62E-20
UNC5B-AS1	BMP2	-0.30493902	6.71E-11
UNC5B-AS1	ID4	-0.485605901	2.35E-27
UNC5B-AS1	NUPR1	-0.300276088	1.34E-10

UNC5B-AS1	SERTM1	-0.517526796	1.91E-31
UNC5B-AS1	IRS1	-0.618948454	8.92E-48
UNC5B-AS1	FIBIN	-0.299609023	1.48E-10
UNC5B-AS1	PODN	-0.194753971	3.99E-05
UNC5B-AS1	TDRD9	-0.506650299	5.30E-30
UNC5B-AS1	EPHA3	-0.425522514	9.83E-21
UNC5B-AS1	AIF1L	-0.491556724	4.38E-28
UNC5B-AS1	EBF4	-0.45740236	4.40E-24
UNC5B-AS1	ADM2	-0.499992695	3.81E-29
UNC5B-AS1	GSTM3	-0.549775506	4.86E-36
UNC5B-AS1	HSD17B6	-0.444868115	1.01E-22
UNC5B-AS1	AGR3	-0.291630573	4.70E-10
UNC5B-AS1	EPHB1	-0.599729089	3.16E-44
UNC5B-AS1	TMOD1	-0.361606233	5.24E-15
UNC5B-AS1	WASF3	-0.678438248	1.69E-60
UNC5B-AS1	SELV	-0.47062821	1.40E-25
UNC5B-AS1	ENPP1	-0.508058469	3.47E-30
UNC5B-AS1	SYNE1	-0.642651419	1.66E-52
UNC5B-AS1	PLCH1	-0.4816506	7.06E-27
UNC5B-AS1	CCDC146	-0.581416212	4.64E-41
UNC5B-AS1	SLC16A2	-0.568877712	5.26E-39
UNC5B-AS1	IER2	-0.316812583	1.08E-11
UNC5B-AS1	KCNAB1	-0.528864578	5.28E-33
UNC5B-AS1	SYNDIG1	-0.436100952	8.32E-22
UNC5B-AS1	C16orf89	-0.56290618	4.66E-38
UNC5B-AS1	CTGF	-0.262850509	2.27E-08
UNC5B-AS1	NR4A3	-0.216639044	4.64E-06
UNC5B-AS1	KIAA1456	-0.649258434	6.68E-54
UNC5B-AS1	AQP4	-0.563999611	3.14E-38
UNC5B-AS1	RNF150	-0.601445332	1.56E-44
UNC5B-AS1	C1S	-0.067618118	0.157263069
UNC5B-AS1	PFKFB2	-0.688486778	5.96E-63
UNC5B-AS1	PROX1	-0.639452022	7.63E-52
UNC5B-AS1	TCF7L1	-0.555462652	6.67E-37
UNC5B-AS1	HSPB6	-0.297801578	1.93E-10
UNC5B-AS1	FHDC1	-0.613530233	9.46E-47
UNC5B-AS1	PRR15L	-0.573608726	9.03E-40
UNC5B-AS1	SLC1A1	-0.517929275	1.69E-31
UNC5B-AS1	BTBD11	-0.618093027	1.30E-47
UNC5B-AS1	TRIM58	-0.607223396	1.40E-45
UNC5B-AS1	LRIG1	-0.624982111	6.09E-49
UNC5B-AS1	ROR2	-0.314271551	1.61E-11
UNC5B-AS1	GPR125	-0.615454836	4.11E-47
UNC5B-AS1	FLRT1	-0.543376615	4.35E-35
UNC5B-AS1	PGF	-0.410782401	2.66E-19
UNC5B-AS1	DUSP1	-0.322326544	4.52E-12
UNC5B-AS1	PLA2G7	-0.438977148	4.19E-22
UNC5B-AS1	PLSCR4	-0.583307767	2.23E-41
UNC5B-AS1	FAM46B	-0.330437989	1.21E-12
UNC5B-AS1	GLDC	-0.407070211	5.96E-19
UNC5B-AS1	ZBTB16	-0.549603456	5.16E-36

UNC5B-AS1	OMD	-0.187424867	7.79E-05
UNC5B-AS1	HSD11B2	-0.491088091	5.00E-28
UNC5B-AS1	FGL2	-0.187560361	7.69E-05
UNC5B-AS1	CLCNKA	-0.508415635	3.12E-30
UNC5B-AS1	GATM	-0.619909124	5.84E-48
UNC5B-AS1	TNS3	-0.600448067	2.35E-44
UNC5B-AS1	TOB1	-0.360944274	5.92E-15
UNC5B-AS1	MARC2	-0.652246115	1.52E-54
UNC5B-AS1	LRRC2	-0.674069488	1.84E-59
UNC5B-AS1	SORD	-0.529283852	4.61E-33
UNC5B-AS1	RIMS4	-0.501926943	2.16E-29
UNC5B-AS1	SLC29A4	-0.485933406	2.14E-27
UNC5B-AS1	SLC39A14	-0.716984349	1.75E-70
UNC5B-AS1	FAXDC2	-0.669530664	2.10E-58
UNC5B-AS1	HSPB8	-0.246409046	1.70E-07
UNC5B-AS1	CCL19	0.065335703	0.17178446
UNC5B-AS1	KCNIP3	-0.528413532	6.11E-33
UNC5B-AS1	CGNL1	-0.603322986	7.16E-45
UNC5B-AS1	ATF3	-0.073649789	0.123358659
UNC5B-AS1	SGCD	-0.405036818	9.22E-19
UNC5B-AS1	STARD13	-0.643396969	1.16E-52
UNC5B-AS1	LDHD	-0.573001233	1.13E-39
UNC5B-AS1	RCAN1	-0.359661914	7.49E-15
UNC5B-AS1	ID3	-0.265176798	1.69E-08
UNC5B-AS1	SYTL3	-0.667445359	6.33E-58
UNC5B-AS1	MT1E	-0.281446353	1.95E-09
UNC5B-AS1	CAMK1D	-0.64890398	7.96E-54
UNC5B-AS1	PRKCQ	-0.727712	1.44E-73
UNC5B-AS1	NUAK2	-0.397190894	4.84E-18
UNC5B-AS1	LIPG	-0.639827752	6.38E-52
UNC5B-AS1	SLC25A25	-0.486809682	1.68E-27
UNC5B-AS1	PRKX	-0.441388398	2.34E-22
UNC5B-AS1	SRPX	-0.148399107	0.001822551
UNC5B-AS1	FAM189A1	-0.522869501	3.58E-32
UNC5B-AS1	PLEKHH1	-0.556840468	4.10E-37
UNC5B-AS1	WNT11	-0.404515562	1.03E-18
UNC5B-AS1	SNAI1	-0.334933552	5.73E-13
UNC5B-AS1	FDCSP	-0.018296931	0.702237179
UNC5B-AS1	MT1X	-0.314635366	1.52E-11
UNC5B-AS1	ACACB	-0.69348388	3.30E-64
UNC5B-AS1	ARC	-0.16821093	0.000400711
UNC5B-AS1	KLK4	-0.292355852	4.24E-10
UNC5B-AS1	ZFPM2	-0.347796153	6.29E-14
UNC5B-AS1	AKAP12	-0.47676101	2.69E-26
UNC5B-AS1	GJB6	-0.42950667	3.92E-21
UNC5B-AS1	ERO1LB	-0.635247086	5.52E-51
UNC5B-AS1	DNALI1	-0.353045019	2.48E-14
UNC5B-AS1	HKDC1	-0.305379853	6.28E-11
UNC5B-AS1	ZFP36L2	-0.497179476	8.67E-29
UNC5B-AS1	CAPSL	-0.392175555	1.37E-17
UNC5B-AS1	CYP7B1	-0.6290106	9.82E-50

UNC5B-AS1	CPQ	-0.47837669	1.73E-26
UNC5B-AS1	RPS6KA6	-0.618935639	8.97E-48
UNC5B-AS1	TLE1	-0.47300712	7.42E-26
UNC5B-AS1	TP53INP2	-0.610214481	3.92E-46
UNC5B-AS1	KATNAL2	-0.609741025	4.80E-46
UNC5B-AS1	SGPP2	-0.335088156	5.58E-13
UNC5B-AS1	CTH	-0.563516227	3.74E-38
UNC5B-AS1	KIF12	-0.279144035	2.67E-09
UNC5B-AS1	TMEM220	-0.612749839	1.32E-46
UNC5B-AS1	CENPJ	-0.495282957	1.50E-28
UNC5B-AS1	FAM155B	-0.400530475	2.40E-18
UNC5B-AS1	WFS1	-0.435483672	9.63E-22
UNC5B-AS1	SELENBP1	-0.505834303	6.76E-30
UNC5B-AS1	SNTA1	-0.509521672	2.23E-30
UNC5B-AS1	FRAS1	-0.333797854	6.93E-13
UNC5B-AS1	FBLN7	-0.512672041	8.55E-31
UNC5B-AS1	AGPAT9	-0.581868818	3.89E-41
UNC5B-AS1	GPR83	-0.479215379	1.38E-26
UNC5B-AS1	PRTG	-0.610320718	3.75E-46
UNC5B-AS1	EGR3	-0.155450737	0.001084429
UNC5B-AS1	GRAMD2	-0.336107122	4.70E-13
UNC5B-AS1	HYOU1	-0.600128647	2.68E-44
UNC5B-AS1	FBLN5	-0.320592997	5.97E-12
UNC5B-AS1	ITM2A	-0.567758892	7.94E-39
UNC5B-AS1	SRF	-0.374983848	4.19E-16
UNC5B-AS1	FGFR2	-0.55511146	7.55E-37
UNC5B-AS1	MT1A	-0.20968146	9.42E-06
UNC5B-AS1	MAMDC2	-0.312016748	2.29E-11
UNC5B-AS1	FHL2	-0.217759424	4.13E-06
UNC5B-AS1	FTCDNL1	-0.629943612	6.41E-50
UNC5B-AS1	PKIA	-0.446298979	7.08E-23
UNC5B-AS1	DNAJB4	-0.54898958	6.38E-36
UNC5B-AS1	SLC25A33	-0.484270494	3.41E-27
UNC5B-AS1	EYA2	-0.403005694	1.42E-18
UNC5B-AS1	LPAR1	-0.350582565	3.85E-14
UNC5B-AS1	STX11	-0.392283007	1.34E-17
UNC5B-AS1	ARHGEF28	-0.582923669	2.59E-41
UNC5B-AS1	OR2W3	-0.52565336	1.48E-32
UNC5B-AS1	ALDH1B1	-0.606117434	2.22E-45
UNC5B-AS1	CXCL12	-0.264526753	1.83E-08
UNC5B-AS1	OLFM2	-0.326331063	2.37E-12
UNC5B-AS1	TUB	-0.611316989	2.45E-46
UNC5B-AS1	HTRA3	-0.218649884	3.76E-06
UNC5B-AS1	CKB	-0.259703118	3.37E-08
UNC5B-AS1	RGS2	-0.084856144	0.07572153
UNC5B-AS1	SHANK2	-0.64143024	2.97E-52
UNC5B-AS1	CNTFR	-0.493000677	2.90E-28
UNC5B-AS1	CYTH3	-0.664656677	2.73E-57
UNC5B-AS1	PLAC9	-0.180898928	0.000138443
UNC5B-AS1	WWOX	-0.597552156	7.71E-44
UNC5B-AS1	NPR3	-0.402400187	1.62E-18

UNC5B-AS1	SDC2	-0.404706476	9.90E-19
UNC5B-AS1	KLF15	-0.528108013	6.74E-33
UNC5B-AS1	TMEM164	-0.583980364	1.72E-41
UNC5B-AS1	LONRF3	-0.390889872	1.78E-17
UNC5B-AS1	GBP1	-0.165137438	0.000512706
UNC5B-AS1	ARHGAP6	-0.53617719	4.84E-34
UNC5B-AS1	TMEM119	-0.153200332	0.001282897
UNC5B-AS1	SH3RF1	-0.650475974	3.67E-54
UNC5B-AS1	CRELD2	-0.333707644	7.03E-13
UNC5B-AS1	PCP4	-0.04011157	0.401821809
UNC5B-AS1	GCSH	-0.556865857	4.06E-37
UNC5B-AS1	IMPA2	-0.528567994	5.81E-33
UNC5B-AS1	C1R	0.02653609	0.579233085
UNC5B-AS1	SUCNR1	-0.390471875	1.93E-17
UNC5B-AS1	SFRP1	-0.430782727	2.91E-21
UNC5B-AS1	UGT8	-0.573084492	1.10E-39
UNC5B-AS1	TLE4	-0.294194348	3.25E-10
UNC5B-AS1	ANTXR1	-0.457268181	4.55E-24
UNC5B-AS1	GPX3	-0.294685818	3.03E-10
UNC5B-AS1	DPY19L2	-0.504792927	9.23E-30
UNC5B-AS1	FAM46C	-0.505699131	7.04E-30
UNC5B-AS1	IL33	-0.291162212	5.02E-10
UNC5B-AS1	PEG3	-0.650691851	3.30E-54
UNC5B-AS1	FAHD2A	-0.53247195	1.64E-33
UNC5B-AS1	PTGDS	-0.085673983	0.07293301
UNC5B-AS1	CHCHD10	-0.254614672	6.34E-08
UNC5B-AS1	CD36	-0.628289353	1.36E-49
UNC5B-AS1	ANKRD37	-0.26303192	2.22E-08
UNC5B-AS1	TSPAN33	-0.438286963	4.94E-22
UNC5B-AS1	PRDM16	-0.551716562	2.48E-36
UNC5B-AS1	UST	-0.638390505	1.26E-51
UNC5B-AS1	NEXN	-0.572484233	1.38E-39
UNC5B-AS1	NUPR1L	-0.047685678	0.318840017
UNC5B-AS1	SLC24A3	-0.529554479	4.22E-33
UNC5B-AS1	MARC1	-0.530919956	2.71E-33
UNC5B-AS1	MYH11	-0.332589675	8.47E-13
UNC5B-AS1	APOA1	-0.316510691	1.14E-11
UNC5B-AS1	TMEM178B	-0.448610801	4.00E-23
UNC5B-AS1	CAPN6	-0.218039	4.01E-06
UNC5B-AS1	PPM1L	-0.654857641	4.13E-55
UNC5B-AS1	FZD8	-0.481745773	6.87E-27
UNC5B-AS1	RCAN2	-0.573342496	9.98E-40
UNC5B-AS1	COPZ2	-0.443557672	1.38E-22
UNC5B-AS1	GAS1	-0.334611721	6.04E-13
UNC5B-AS1	DACT1	-0.422868295	1.80E-20
UNC5B-AS1	WBSCR17	-0.503794527	1.24E-29
UNC5B-AS1	NCS1	-0.356787562	1.26E-14
UNC5B-AS1	SPIRE2	-0.37100174	8.99E-16
UNC5B-AS1	C15orf52	-0.392039187	1.40E-17
UNC5B-AS1	SPAG5	-0.420127981	3.35E-20
UNC5B-AS1	ARL4D	-0.351615289	3.20E-14

UNC5B-AS1	FAM189A2	-0.429629866	3.81E-21
UNC5B-AS1	MAP1LC3A	-0.346560884	7.81E-14
UNC5B-AS1	KLF6	-0.150664831	0.001546207
UNC5B-AS1	ADD3	-0.585254497	1.05E-41
UNC5B-AS1	TSPAN7	-0.507257934	4.41E-30
UNC5B-AS1	KLF9	-0.522051236	4.64E-32
UNC5B-AS1	KCNQ1	-0.603379863	6.99E-45
UNC5B-AS1	MAN1A1	-0.248795332	1.28E-07
UNC5B-AS1	MLF1	-0.359925734	7.13E-15
UNC5B-AS1	RARB	-0.667557127	5.96E-58
UNC5B-AS1	CDC42EP2	-0.329829362	1.34E-12
UNC5B-AS1	FAM3B	-0.221791885	2.70E-06
UNC5B-AS1	GADD45B	-0.176053167	0.000209562
UNC5B-AS1	TMEM47	-0.477555163	2.17E-26
UNC5B-AS1	SDF2L1	-0.208756951	1.03E-05
UNC5B-AS1	CCDC85A	-0.446079981	7.47E-23
UNC5B-AS1	CRYBG3	-0.445792901	8.02E-23
UNC5B-AS1	FBLN2	-0.126953591	0.007740763
UNC5B-AS1	PEBP4	-0.288514578	7.31E-10
UNC5B-AS1	CDADC1	-0.625623787	4.56E-49
UNC5B-AS1	FAM63A	-0.665624156	1.65E-57
UNC5B-AS1	GLUL	-0.524660209	2.03E-32
UNC5B-AS1	FREM2	-0.630146441	5.84E-50
UNC5B-AS1	ACKR3	-0.489037252	8.95E-28
UNC5B-AS1	DENND6A	-0.693907126	2.57E-64
UNC5B-AS1	CLDN8	-0.291046248	5.11E-10
UNC5B-AS1	UTS2R	-0.164863803	0.000523972
UNC5B-AS1	SCNN1B	-0.370481335	9.93E-16
UNC5B-AS1	TTC30A	-0.655995325	2.33E-55
UNC5B-AS1	CORO2B	-0.502724642	1.71E-29
UNC5B-AS1	TC2N	-0.401723618	1.87E-18
UNC5B-AS1	ALDH2	-0.49149928	4.45E-28
UNC5B-AS1	GPR183	-0.065198783	0.17268637
UNC5B-AS1	C4orf47	-0.310071579	3.08E-11
UNC5B-AS1	SLC25A42	-0.579363104	1.02E-40
UNC5B-AS1	LGMN	-0.594649578	2.50E-43
UNC5B-AS1	ACSF2	-0.467442664	3.26E-25
UNC5B-AS1	KIAA1467	-0.70451464	4.46E-67
UNC5B-AS1	PRKG1	-0.612738208	1.33E-46
UNC5B-AS1	GNAI1	-0.579133468	1.11E-40
UNC5B-AS1	ABCC4	-0.447480776	5.29E-23
UNC5B-AS1	PRPS1	-0.691613601	9.81E-64
UNC5B-AS1	TSPAN5	-0.311859592	2.34E-11
UNC5B-AS1	CR2	-0.189734768	6.32E-05
UNC5B-AS1	CCDC170	-0.519398436	1.07E-31
UNC5B-AS1	RRAD	0.096225188	0.043897167
UNC5B-AS1	SCGB2A1	-0.318553647	8.24E-12
UNC5B-AS1	SESN3	-0.335493104	5.21E-13
UNC5B-AS1	SGK223	-0.269091959	1.02E-08
UNC5B-AS1	NDRG2	-0.64596339	3.35E-53
UNC5B-AS1	C3orf52	-0.303569856	8.23E-11

UNC5B-AS1	FLRT3	0.225450602	1.83E-06
UNC5B-AS1	MST1R	0.629316545	8.54E-50
UNC5B-AS1	SDC1	0.343386828	1.36E-13
UNC5B-AS1	ST8SIA4	0.457015851	4.85E-24
UNC5B-AS1	UBTD1	0.589643256	1.86E-42
UNC5B-AS1	EPHA2	0.457315414	4.49E-24
UNC5B-AS1	TMEM130	0.390133449	2.07E-17
UNC5B-AS1	SPINK2	0.501894179	2.18E-29
UNC5B-AS1	MMP16	0.48094382	8.57E-27
UNC5B-AS1	SIGLEC15	0.514115103	5.49E-31
UNC5B-AS1	RIN1	0.758319983	3.11E-83
UNC5B-AS1	IL1RN	0.460331745	2.08E-24
UNC5B-AS1	FCER1G	0.388269127	3.03E-17
UNC5B-AS1	CD276	0.618706194	9.93E-48
UNC5B-AS1	CTSB	0.293882588	3.40E-10
UNC5B-AS1	FAM171A2	0.290593075	5.45E-10
UNC5B-AS1	ASPHD1	0.608174705	9.34E-46
UNC5B-AS1	C15orf48	0.432986184	1.74E-21
UNC5B-AS1	DYSF	0.142105603	0.002844028
UNC5B-AS1	PDZRN4	0.265135239	1.69E-08
UNC5B-AS1	EFHD2	0.501982828	2.12E-29
UNC5B-AS1	ASF1B	0.41116196	2.45E-19
UNC5B-AS1	AQP1	0.169745904	0.000353739
UNC5B-AS1	ARRDC2	0.560790379	1.00E-37
UNC5B-AS1	PRSS1	0.491089898	5.00E-28
UNC5B-AS1	MAPK13	0.460109485	2.20E-24
UNC5B-AS1	CST5	0.637528168	1.89E-51
UNC5B-AS1	AHR	0.387126762	3.81E-17
UNC5B-AS1	BAX	0.738086616	1.09E-76
UNC5B-AS1	C1orf115	0.178125565	0.000175746
UNC5B-AS1	PLK3	0.593008793	4.85E-43
UNC5B-AS1	JAG2	0.431003853	2.76E-21
UNC5B-AS1	RAD23B	0.327598104	1.93E-12
UNC5B-AS1	CA12	-0.02834311	0.553663142
UNC5B-AS1	ADTRP	0.285430163	1.13E-09
UNC5B-AS1	UCP2	0.409716912	3.36E-19
UNC5B-AS1	IGFBP2	0.437625997	5.79E-22
UNC5B-AS1	LOXL2	0.278743909	2.82E-09
UNC5B-AS1	GPX1	0.682001791	2.34E-61
UNC5B-AS1	P3H3	0.695355578	1.10E-64
UNC5B-AS1	C2orf81	0.551592595	2.59E-36
UNC5B-AS1	CDT1	0.520099684	8.58E-32
UNC5B-AS1	SNX25	0.256723948	4.89E-08
UNC5B-AS1	MTHFD1L	0.535339635	6.39E-34
UNC5B-AS1	CDC42BPG	0.525956132	1.34E-32
UNC5B-AS1	MSN	0.253583366	7.19E-08
UNC5B-AS1	SIGLEC6	0.388906678	2.66E-17
UNC5B-AS1	F2R	0.154591765	0.001156581
UNC5B-AS1	TMEM184A	0.655140608	3.58E-55
UNC5B-AS1	CKS2	0.426046181	8.72E-21
UNC5B-AS1	TAX1BP3	0.74979281	2.12E-80

UNC5B-AS1	PMEP1	0.540028807	1.34E-34
UNC5B-AS1	CXCL16	0.582557443	2.98E-41
UNC5B-AS1	FAXC	0.660803925	2.01E-56
UNC5B-AS1	VTCN1	0.551142924	3.03E-36
UNC5B-AS1	SH2D4A	0.367187709	1.85E-15
UNC5B-AS1	RNF24	0.35763462	1.08E-14
UNC5B-AS1	LY6G6C	0.535457338	6.14E-34
UNC5B-AS1	NID1	0.24642791	1.70E-07
UNC5B-AS1	STAC	0.610943813	2.87E-46
UNC5B-AS1	RAB34	0.71426148	1.00E-69
UNC5B-AS1	HES4	0.635775717	4.31E-51
UNC5B-AS1	EPHA10	0.562693281	5.04E-38
UNC5B-AS1	ENTPD2	0.507364029	4.28E-30
UNC5B-AS1	DDB2	0.676770939	4.22E-60
UNC5B-AS1	NKAIN4	0.482155544	6.14E-27
UNC5B-AS1	TRIM29	0.523751593	2.71E-32
UNC5B-AS1	ADCY8	0.581967329	3.75E-41
UNC5B-AS1	SFTA2	0.454424467	9.36E-24
UNC5B-AS1	NRIP1	0.359997787	7.04E-15
UNC5B-AS1	VWA1	0.348601227	5.46E-14
UNC5B-AS1	APLNR	0.138786304	0.00357152
UNC5B-AS1	REN	0.535934176	5.25E-34
UNC5B-AS1	EDIL3	0.209839602	9.27E-06
UNC5B-AS1	AGRN	0.470522823	1.44E-25
UNC5B-AS1	TREM1	0.558988892	1.91E-37
UNC5B-AS1	SRL	0.333959975	6.74E-13
UNC5B-AS1	RASGRF1	0.514798338	4.45E-31
UNC5B-AS1	RMI2	0.536674617	4.11E-34
UNC5B-AS1	SAMD1	0.681128068	3.81E-61
UNC5B-AS1	MGAT4B	0.592275064	6.51E-43
UNC5B-AS1	NXN	0.650774685	3.16E-54
UNC5B-AS1	SH3BGRL3	0.669513502	2.12E-58
UNC5B-AS1	CA11	0.42919655	4.21E-21
UNC5B-AS1	PLD3	0.467565212	3.15E-25
UNC5B-AS1	LURAP1L	0.418495281	4.84E-20
UNC5B-AS1	CARNS1	0.299264498	1.56E-10
UNC5B-AS1	PDLIM7	0.672189138	5.06E-59
UNC5B-AS1	BCL2L1	0.717028177	1.70E-70
UNC5B-AS1	GGT6	0.325480601	2.72E-12
UNC5B-AS1	DPYSL3	0.450804755	2.32E-23
UNC5B-AS1	FYN	0.542185316	6.51E-35
UNC5B-AS1	TK1	0.434875044	1.11E-21
UNC5B-AS1	AK1	0.412008451	2.04E-19
UNC5B-AS1	HIGD1B	0.148186208	0.001850715
UNC5B-AS1	TMEM59L	0.579836134	8.51E-41
UNC5B-AS1	MEGF9	0.228274176	1.34E-06
UNC5B-AS1	ZFP36L1	0.395945554	6.27E-18
UNC5B-AS1	ADRA1B	0.325783	2.59E-12
UNC5B-AS1	EPHA4	0.454862321	8.38E-24
UNC5B-AS1	TCERG1L	0.22595739	1.73E-06
UNC5B-AS1	NGFR	0.287351221	8.61E-10

UNC5B-AS1	EBI3	0.559829	1.41E-37
UNC5B-AS1	S100A10	0.66426492	3.35E-57
UNC5B-AS1	S100B	0.485358535	2.52E-27
UNC5B-AS1	CD44	0.170455379	0.000333809
UNC5B-AS1	BHLHE41	0.328542463	1.65E-12
UNC5B-AS1	FBX02	0.627699873	1.78E-49
UNC5B-AS1	SLC30A2	0.351569192	3.23E-14
UNC5B-AS1	FRMD5	0.506603634	5.37E-30
UNC5B-AS1	SAMD11	0.394767871	8.01E-18
UNC5B-AS1	SIPA1L2	0.392572215	1.26E-17
UNC5B-AS1	S100A16	0.72400293	1.75E-72
UNC5B-AS1	PPL	0.476797179	2.67E-26
UNC5B-AS1	ARHGDIB	0.331480784	1.02E-12
UNC5B-AS1	CDC42EP3	0.579762237	8.75E-41
UNC5B-AS1	RUNX2	0.465829254	4.98E-25
UNC5B-AS1	LAMC2	0.479469979	1.29E-26
UNC5B-AS1	BRINP1	0.50642974	5.66E-30
UNC5B-AS1	GPRC5B	0.248859018	1.27E-07
UNC5B-AS1	AQP5	0.349792526	4.43E-14
UNC5B-AS1	PLAG1	0.360468123	6.46E-15
UNC5B-AS1	PTPRU	0.584946424	1.18E-41
UNC5B-AS1	ANGPTL4	0.561013775	9.23E-38
UNC5B-AS1	PALM3	0.383136001	8.47E-17
UNC5B-AS1	ACP5	0.475712542	3.58E-26
UNC5B-AS1	DLG4	0.342276234	1.64E-13
UNC5B-AS1	ETNK2	0.462288829	1.25E-24
UNC5B-AS1	CD109	0.449665226	3.08E-23
UNC5B-AS1	SNX22	0.408988289	3.94E-19
UNC5B-AS1	TMEM98	0.506656681	5.29E-30
UNC5B-AS1	CTHRC1	0.471243361	1.19E-25
UNC5B-AS1	S100A2	0.631716732	2.84E-50
UNC5B-AS1	C11orf80	0.672527281	4.22E-59
UNC5B-AS1	SREBF1	0.584584595	1.36E-41
UNC5B-AS1	PRSS22	0.67688597	3.96E-60
UNC5B-AS1	CMTM3	0.672498062	4.29E-59
UNC5B-AS1	RDH5	0.447990968	4.67E-23
UNC5B-AS1	MYH10	0.373989846	5.07E-16
UNC5B-AS1	EVPL	0.510248876	1.79E-30
UNC5B-AS1	SCD	0.368194335	1.53E-15
UNC5B-AS1	CD151	0.643329596	1.20E-52
UNC5B-AS1	S100A4	0.521828976	4.98E-32
UNC5B-AS1	BNIPL	0.4271433	6.77E-21
UNC5B-AS1	MAP3K6	0.640742608	4.13E-52
UNC5B-AS1	MANEAL	0.422650999	1.89E-20
UNC5B-AS1	CD207	0.460869923	1.81E-24
UNC5B-AS1	CD1A	0.494259952	2.02E-28
UNC5B-AS1	C3	0.46967307	1.81E-25
UNC5B-AS1	NT5E	0.464990848	6.20E-25
UNC5B-AS1	CACNG4	0.642525545	1.76E-52
UNC5B-AS1	FHOD1	0.522305552	4.28E-32
UNC5B-AS1	LEMD1	0.589915018	1.67E-42

UNC5B-AS1	ATP11A	0.302253313	1.00E-10
UNC5B-AS1	PPAP2C	0.59034422	1.41E-42
UNC5B-AS1	DRAM1	0.580880915	5.70E-41
UNC5B-AS1	CDA	0.373584188	5.48E-16
UNC5B-AS1	CCND2	0.386979108	3.93E-17
UNC5B-AS1	LCN6	0.336631864	4.30E-13
UNC5B-AS1	CDH4	0.476181459	3.15E-26
UNC5B-AS1	MMP11	0.572712025	1.26E-39
UNC5B-AS1	B3GAT1	0.354299578	1.98E-14
UNC5B-AS1	SPP1	0.241328542	3.09E-07
UNC5B-AS1	HLA-DQB1	0.384996068	5.85E-17
UNC5B-AS1	SDC3	0.579877693	8.38E-41
UNC5B-AS1	CX3CL1	0.44738078	5.42E-23
UNC5B-AS1	SDK1	0.503376956	1.41E-29
UNC5B-AS1	DOCK9	0.276509531	3.81E-09
UNC5B-AS1	CSF2	0.672047044	5.46E-59
UNC5B-AS1	GRHL3	0.63586394	4.14E-51
UNC5B-AS1	TMEM92	0.66973727	1.88E-58
UNC5B-AS1	BASP1	0.608082936	9.71E-46
UNC5B-AS1	HRH1	0.590951146	1.10E-42
UNC5B-AS1	ESM1	0.098466658	0.039185149
UNC5B-AS1	B4GALNT3	0.477279855	2.34E-26
UNC5B-AS1	LMO3	0.267440536	1.26E-08
UNC5B-AS1	C9orf16	0.739276072	4.65E-77
UNC5B-AS1	SEMA3F	0.424214057	1.33E-20
UNC5B-AS1	PLA2G12B	0.237384022	4.86E-07
UNC5B-AS1	KLK6	0.506823408	5.03E-30
UNC5B-AS1	ST3GAL5	0.461226745	1.65E-24
UNC5B-AS1	FAM132B	0.174823855	0.000232404
UNC5B-AS1	CDKN1A	0.473799428	6.00E-26
UNC5B-AS1	E2F1	0.491311344	4.69E-28
UNC5B-AS1	B3GNT8	0.583870439	1.79E-41
UNC5B-AS1	MTMR11	0.621518279	2.87E-48
UNC5B-AS1	MYO1G	0.513881354	5.90E-31
UNC5B-AS1	TMSB10	0.728541896	8.23E-74
UNC5B-AS1	UNC5CL	0.640897921	3.83E-52
UNC5B-AS1	ABR	0.524789423	1.95E-32
UNC5B-AS1	PLP2	0.687717305	9.26E-63
UNC5B-AS1	SRCIN1	0.427789657	5.83E-21
UNC5B-AS1	PDE9A	0.631423552	3.25E-50
UNC5B-AS1	TREM2	0.420125711	3.35E-20
UNC5B-AS1	KDELR3	0.472448561	8.62E-26
UNC5B-AS1	PC	0.426441768	7.96E-21
UNC5B-AS1	C2CD4A	0.475762327	3.53E-26
UNC5B-AS1	PELI1	0.508825246	2.75E-30
UNC5B-AS1	SSX1	0.35297183	2.51E-14
UNC5B-AS1	MROH6	0.637049708	2.37E-51
UNC5B-AS1	ESPN	0.563351978	3.97E-38
UNC5B-AS1	BMP1	0.5143602	5.10E-31
UNC5B-AS1	TM4SF4	0.542226975	6.42E-35
UNC5B-AS1	CORO2A	0.42222279	2.09E-20

UNC5B-AS1	CD164L2	0.534236082	9.18E-34
UNC5B-AS1	CTSS	0.337030489	4.02E-13
UNC5B-AS1	CLU	0.582879983	2.63E-41
UNC5B-AS1	TMSB4X	0.614168931	7.18E-47
UNC5B-AS1	WNT10A	0.584050736	1.67E-41
UNC5B-AS1	NAPSA	0.589783675	1.76E-42
UNC5B-AS1	PLEKHA4	0.482548436	5.50E-27
UNC5B-AS1	SFTPA1	0.268002228	1.17E-08
UNC5B-AS1	C1orf116	0.424025837	1.38E-20
UNC5B-AS1	TM4SF1	0.521447005	5.62E-32
UNC5B-AS1	SEL1L3	0.428285807	5.20E-21
UNC5B-AS1	VASN	0.731622197	9.99E-75
UNC5B-AS1	NPTXR	0.502754995	1.69E-29
UNC5B-AS1	PDE4C	0.562638957	5.14E-38
UNC5B-AS1	CDC42EP1	0.667333306	6.71E-58
UNC5B-AS1	ENDOD1	0.446209054	7.24E-23
UNC5B-AS1	RYR1	0.607349774	1.32E-45
UNC5B-AS1	IL1RAP	0.479242329	1.37E-26
UNC5B-AS1	SLC35F2	0.49666533	1.01E-28
UNC5B-AS1	ISYNA1	0.646980087	2.04E-53
UNC5B-AS1	HLA-G	0.514509697	4.87E-31
UNC5B-AS1	CDKN2B	0.528944716	5.14E-33
UNC5B-AS1	ALDH1A3	0.532289971	1.74E-33
UNC5B-AS1	CLIP3	0.605989687	2.35E-45
UNC5B-AS1	ULBP2	0.520889439	6.69E-32
UNC5B-AS1	ETHE1	0.666618158	9.78E-58
UNC5B-AS1	XPR1	0.506842348	5.00E-30
UNC5B-AS1	SPTBN2	0.506938372	4.86E-30
UNC5B-AS1	IVL	0.629648751	7.34E-50
UNC5B-AS1	MARCO	0.454085899	1.02E-23
UNC5B-AS1	PLXND1	0.350326263	4.03E-14
UNC5B-AS1	EMILIN2	0.5083186	3.21E-30
UNC5B-AS1	PLAUR	0.617439862	1.73E-47
UNC5B-AS1	CDC42EP5	0.775589497	2.37E-89
UNC5B-AS1	TRPC5	0.235285027	6.17E-07
UNC5B-AS1	TMEM100	0.488329195	1.09E-27
UNC5B-AS1	QSOX1	0.60765813	1.16E-45
UNC5B-AS1	ARHGAP23	0.501712058	2.30E-29
UNC5B-AS1	MDFI	0.546708395	1.40E-35
UNC5B-AS1	FSTL3	0.666814037	8.82E-58
UNC5B-AS1	INF2	0.486826986	1.67E-27
UNC5B-AS1	TGFBR1	0.366715104	2.02E-15
UNC5B-AS1	TGFBI	0.431785098	2.30E-21
UNC5B-AS1	ERBB3	0.489596236	7.64E-28
UNC5B-AS1	CCL18	0.391800048	1.47E-17
UNC5B-AS1	CCL17	0.563317744	4.02E-38
UNC5B-AS1	C16orf45	0.461096254	1.70E-24
UNC5B-AS1	PRDM1	0.257575545	4.40E-08
UNC5B-AS1	TRIM47	0.689722756	2.93E-63
UNC5B-AS1	CNFN	0.659712054	3.52E-56
UNC5B-AS1	ARMCX3	0.280266401	2.29E-09

UNC5B-AS1	RAMP1	0.510602479	1.61E-30
UNC5B-AS1	GABRD	0.228419986	1.32E-06
UNC5B-AS1	COL13A1	0.367541738	1.73E-15
UNC5B-AS1	S100A5	0.557048403	3.80E-37
UNC5B-AS1	MISP	0.607804365	1.09E-45
UNC5B-AS1	HES6	0.394241368	8.93E-18
UNC5B-AS1	PSD3	0.295929597	2.53E-10
UNC5B-AS1	DOK7	0.620520022	4.46E-48
UNC5B-AS1	ZMAT3	0.459964243	2.28E-24
UNC5B-AS1	MFAP2	0.522908081	3.54E-32
UNC5B-AS1	TMEM79	0.576816682	2.69E-40
UNC5B-AS1	SLC1A5	0.559934527	1.36E-37
UNC5B-AS1	BBC3	0.782335324	6.84E-92
UNC5B-AS1	HLA-DQB2	0.479346438	1.33E-26
UNC5B-AS1	C1QL1	0.519260002	1.12E-31
UNC5B-AS1	TMEM215	0.282682292	1.65E-09
UNC5B-AS1	PNP	0.431827933	2.28E-21
UNC5B-AS1	ARNTL	0.489711409	7.40E-28
UNC5B-AS1	CLDN2	0.393793315	9.79E-18
UNC5B-AS1	MVP	0.700588558	4.85E-66
UNC5B-AS1	LGALS1	0.720493285	1.78E-71
UNC5B-AS1	BIRC7	0.506292942	5.90E-30
UNC5B-AS1	COL8A1	0.48627864	1.95E-27
UNC5B-AS1	PERP	0.584854513	1.22E-41
UNC5B-AS1	GJA4	0.374376213	4.71E-16
UNC5B-AS1	IGFL2	0.661615519	1.32E-56
UNC5B-AS1	DAPK2	0.411380107	2.34E-19
UNC5B-AS1	MAMLD1	0.525340607	1.64E-32
UNC5B-AS1	ETV5	0.297058913	2.15E-10
UNC5B-AS1	RUNX1	0.58865365	2.75E-42
UNC5B-AS1	LONRF2	0.250674547	1.02E-07
UNC5B-AS1	SPOCK1	0.233415812	7.61E-07
UNC5B-AS1	XKRX	0.413114505	1.60E-19
UNC5B-AS1	TGFB1	0.504810798	9.18E-30
UNC5B-AS1	ERP27	0.340388225	2.27E-13
UNC5B-AS1	TNFRSF10C	0.493570402	2.46E-28
UNC5B-AS1	PALM	0.622912123	1.54E-48
UNC5B-AS1	TSC22D1	0.406244996	7.12E-19
UNC5B-AS1	TGM2	0.484908908	2.86E-27
UNC5B-AS1	UBE2QL1	0.315044995	1.43E-11
UNC5B-AS1	ECE1	0.555201244	7.31E-37
UNC5B-AS1	COL8A2	0.597485917	7.93E-44
UNC5B-AS1	HIST3H2A	0.530349624	3.27E-33
UNC5B-AS1	TNFRSF21	0.515217044	3.91E-31
UNC5B-AS1	SOX4	0.568254049	6.62E-39
UNC5B-AS1	ELF3	0.617613189	1.60E-47
UNC5B-AS1	TPD52L1	0.445814176	7.97E-23
UNC5B-AS1	INHBB	0.477026673	2.50E-26
UNC5B-AS1	HPN	0.511177633	1.35E-30
UNC5B-AS1	MMP7	0.484279115	3.40E-27
UNC5B-AS1	RAB27A	0.396008246	6.19E-18

UNC5B-AS1	IGF2BP2	0.449900394	2.91E-23
UNC5B-AS1	ITGB4	0.665702876	1.58E-57
UNC5B-AS1	PPP1R1B	0.555801503	5.91E-37
UNC5B-AS1	NPDC1	0.619820334	6.08E-48
UNC5B-AS1	CCL13	0.60900276	6.57E-46
UNC5B-AS1	SPINT1	0.662476765	8.48E-57
UNC5B-AS1	HEY2	0.36421634	3.23E-15
UNC5B-AS1	CST2	0.613595373	9.20E-47
UNC5B-AS1	ADM	0.319276029	7.35E-12
UNC5B-AS1	VSTM2L	0.541505627	8.18E-35
UNC5B-AS1	FAM84A	0.623433521	1.22E-48
UNC5B-AS1	P4HA2	0.452126545	1.67E-23
UNC5B-AS1	LPL	0.404538965	1.03E-18
UNC5B-AS1	TMEM173	0.582015763	3.68E-41
UNC5B-AS1	DHRS3	0.564526257	2.59E-38
UNC5B-AS1	SCN1B	0.690383297	2.00E-63
UNC5B-AS1	GLT1D1	0.283187417	1.54E-09
UNC5B-AS1	PHYHIP	0.595172252	2.03E-43
UNC5B-AS1	BHLHE40	0.446529608	6.69E-23
UNC5B-AS1	BID	0.622030882	2.28E-48
UNC5B-AS1	POSTN	0.315694756	1.29E-11
UNC5B-AS1	ITGA3	0.636359239	3.28E-51
UNC5B-AS1	RSPO4	0.580934813	5.58E-41
UNC5B-AS1	ADAMTS9	0.23499816	6.37E-07
UNC5B-AS1	ABTB2	0.531472416	2.27E-33
UNC5B-AS1	KCNQ3	0.554095331	1.08E-36
UNC5B-AS1	ANXA1	0.475840338	3.46E-26
UNC5B-AS1	S100A11	0.779264101	1.01E-90
UNC5B-AS1	CEACAM6	0.558689296	2.12E-37
UNC5B-AS1	IER5L	0.733463115	2.79E-75
UNC5B-AS1	KRT80	0.526736295	1.05E-32
UNC5B-AS1	CDH6	0.619625731	6.62E-48
UNC5B-AS1	UNC5B	0.495553584	1.39E-28
UNC5B-AS1	PLEKHN1	0.727811287	1.35E-73
UNC5B-AS1	SYTL1	0.765944355	7.20E-86
UNC5B-AS1	TMEM163	0.609987823	4.32E-46
UNC5B-AS1	C4orf48	0.669236776	2.45E-58
UNC5B-AS1	B3GNT7	0.436714544	7.19E-22
UNC5B-AS1	BAIAP3	0.486730395	1.72E-27
UNC5B-AS1	PHLDA2	0.722694614	4.16E-72
UNC5B-AS1	GAP43	0.589270952	2.15E-42
UNC5B-AS1	S100A1	0.494730922	1.76E-28
UNC5B-AS1	PTPRE	0.524019525	2.49E-32
UNC5B-AS1	CCND1	0.512265391	9.68E-31
UNC5B-AS1	ST6GALNAC5	0.611036016	2.76E-46
UNC5B-AS1	KRT17	0.473365828	6.74E-26
UNC5B-AS1	HPCAL4	0.419159225	4.17E-20
UNC5B-AS1	GABBR2	0.279721884	2.47E-09
UNC5B-AS1	DIRAS3	0.473252925	6.94E-26
UNC5B-AS1	SERINC2	0.517424189	1.98E-31
UNC5B-AS1	PTCHD4	0.606124008	2.22E-45

UNC5B-AS1	EPS8	0.259806944	3.33E-08
UNC5B-AS1	LY6E	0.658401327	6.87E-56
UNC5B-AS1	UPP1	0.722781845	3.93E-72
UNC5B-AS1	AHNAK2	0.564477039	2.64E-38
UNC5B-AS1	PLXNC1	0.367054949	1.90E-15
UNC5B-AS1	TNC	0.494218886	2.04E-28
UNC5B-AS1	DUSP4	0.42807078	5.47E-21
UNC5B-AS1	NRCAM	0.330702518	1.16E-12
UNC5B-AS1	NRP2	0.433109158	1.69E-21
UNC5B-AS1	CTSC	0.554642543	8.90E-37
UNC5B-AS1	AMIGO2	0.497693781	7.47E-29
UNC5B-AS1	NAB2	0.500374808	3.41E-29
UNC5B-AS1	TBC1D2	0.606762422	1.70E-45
UNC5B-AS1	PHLDA3	0.815569583	7.05E-106
UNC5B-AS1	PTP4A3	0.629820355	6.78E-50
UNC5B-AS1	CRABP2	0.456575727	5.43E-24
UNC5B-AS1	GOS2	0.521349988	5.79E-32
UNC5B-AS1	S100A6	0.773754111	1.13E-88
UNC5B-AS1	FOXQ1	0.521105033	6.25E-32
UNC5B-AS1	LRG1	0.514798054	4.45E-31
UNC5B-AS1	LAMP5	0.541534704	8.10E-35
UNC5B-AS1	ALDH3B1	0.629183359	9.08E-50
UNC5B-AS1	CDH2	0.076998306	0.10716087
UNC5B-AS1	SCG5	0.406023161	7.46E-19
UNC5B-AS1	ZCCHC16	0.252320069	8.39E-08
UNC5B-AS1	GRB7	0.619053414	8.52E-48
UNC5B-AS1	TIAM1	0.484982096	2.80E-27
UNC5B-AS1	FXYD5	0.57813209	1.63E-40
UNC5B-AS1	CLDN9	0.619223762	7.91E-48
UNC5B-AS1	FAM43A	0.464552851	6.95E-25
UNC5B-AS1	CHST2	0.544121408	3.38E-35
UNC5B-AS1	HMGA2	0.53285236	1.45E-33
UNC5B-AS1	GALNT7	0.371917589	7.55E-16
UNC5B-AS1	CBLN1	0.476093661	3.23E-26
UNC5B-AS1	STRA6	0.610826938	3.02E-46
UNC5B-AS1	MUC21	0.494007485	2.17E-28
UNC5B-AS1	PRR36	0.645736591	3.74E-53
UNC5B-AS1	NFE2L3	0.618113168	1.29E-47
UNC5B-AS1	NR1D1	0.366105058	2.27E-15
UNC5B-AS1	MUC1	0.61264573	1.39E-46
UNC5B-AS1	NAT8L	0.358705357	8.92E-15
UNC5B-AS1	APOC1	0.359845737	7.24E-15
UNC5B-AS1	EVA1A	0.671757808	6.38E-59
UNC5B-AS1	ENTPD1	0.256262123	5.18E-08
UNC5B-AS1	COL1A1	0.485159536	2.66E-27
UNC5B-AS1	FNDC4	0.627300315	2.14E-49
UNC5B-AS1	FRMD3	0.133484249	0.005088484
UNC5B-AS1	SHROOM4	0.416336077	7.83E-20
UNC5B-AS1	NELL2	0.359887295	7.18E-15
UNC5B-AS1	EPHB3	0.60286726	8.65E-45
UNC5B-AS1	TMC6	0.614644656	5.84E-47

UNC5B-AS1	NOD1	0.485718521	2.28E-27
UNC5B-AS1	GGCT	0.581788112	4.02E-41
UNC5B-AS1	ICAM1	0.473396749	6.68E-26
UNC5B-AS1	PRSS23	0.537190624	3.46E-34
UNC5B-AS1	CFI	0.575385676	4.63E-40
UNC5B-AS1	CD55	0.590378687	1.39E-42
UNC5B-AS1	RASD2	0.521126167	6.21E-32
UNC5B-AS1	KLK11	0.443775898	1.31E-22
UNC5B-AS1	ICAM5	0.577382049	2.17E-40
UNC5B-AS1	ADORA1	0.520646328	7.22E-32
UNC5B-AS1	ITGA2	0.530965202	2.67E-33
UNC5B-AS1	ABCC3	0.395531386	6.84E-18
UNC5B-AS1	MFGE8	0.620051672	5.49E-48
UNC5B-AS1	STK32A	0.407372184	5.58E-19
UNC5B-AS1	CYSLTR2	0.429248747	4.16E-21
UNC5B-AS1	LAD1	0.531767581	2.06E-33
UNC5B-AS1	MGAT3	0.536365268	4.55E-34
UNC5B-AS1	IGFBP6	0.695220832	1.19E-64
UNC5B-AS1	CYP2S1	0.691871889	8.44E-64
UNC5B-AS1	KCNJ2	0.529000175	5.05E-33
UNC5B-AS1	FAM20A	0.668285041	4.06E-58
UNC5B-AS1	TGFA	0.402491105	1.59E-18
UNC5B-AS1	MXRA8	0.701333335	3.09E-66
UNC5B-AS1	C8orf4	0.527255281	8.86E-33
UNC5B-AS1	CLDN10	0.635111193	5.88E-51
UNC5B-AS1	PDE5A	0.349209004	4.91E-14
UNC5B-AS1	APOE	0.384564454	6.37E-17
UNC5B-AS1	SPOCK2	0.512450206	9.15E-31
UNC5B-AS1	TENM1	0.285474133	1.12E-09
UNC5B-AS1	SLIT1	0.374918177	4.24E-16
UNC5B-AS1	CXCL14	0.503349297	1.42E-29
UNC5B-AS1	ECM1	0.359403201	7.85E-15
UNC5B-AS1	DUSP5	0.5755912	4.28E-40
UNC5B-AS1	SEZ6L2	0.551769467	2.43E-36
UNC5B-AS1	THRSP	0.182444539	0.000121021
UNC5B-AS1	C19orf33	0.738821622	6.44E-77
UNC5B-AS1	MPZL2	0.485846459	2.20E-27
UNC5B-AS1	CTSH	0.564344562	2.77E-38
UNC5B-AS1	CYP1B1	0.409051975	3.88E-19
UNC5B-AS1	ALOX5	0.609277923	5.85E-46
UNC5B-AS1	SYTL5	0.512691916	8.50E-31
UNC5B-AS1	TNFRSF12A	0.673587522	2.38E-59
UNC5B-AS1	DUSP6	0.551735568	2.46E-36
UNC5B-AS1	ALOX15B	0.593171907	4.54E-43
UNC5B-AS1	SDC4	0.545509153	2.11E-35
UNC5B-AS1	MDK	0.6709794	9.68E-59
UNC5B-AS1	KRT19	0.752330296	3.13E-81
UNC5B-AS1	MET	0.443196126	1.51E-22
UNC5B-AS1	TESC	0.372305091	7.01E-16
UNC5B-AS1	CXCL17	0.542274197	6.32E-35
UNC5B-AS1	NPC2	0.553094237	1.53E-36

UNC5B-AS1	COMP	0.539880019	1.41E-34
UNC5B-AS1	TUSC3	0.574707831	5.98E-40
UNC5B-AS1	TMPRSS4	0.665012975	2.27E-57
UNC5B-AS1	LGALS3	0.640153554	5.47E-52
UNC5B-AS1	CRLF1	0.61222674	1.66E-46
UNC5B-AS1	CTXN1	0.781818749	1.08E-91
UNC5B-AS1	PCSK1N	0.655327409	3.26E-55
UNC5B-AS1	NMU	0.469757956	1.77E-25
UNC5B-AS1	GALE	0.654773672	4.31E-55
UNC5B-AS1	PCSK2	0.306580656	5.24E-11
UNC5B-AS1	GJB3	0.596826369	1.04E-43
UNC5B-AS1	SLPI	0.669521019	2.11E-58
UNC5B-AS1	AGR2	0.453529325	1.17E-23
UNC5B-AS1	MRC2	0.664725469	2.64E-57
UNC5B-AS1	GOLT1A	0.584648564	1.32E-41
UNC5B-AS1	SLC27A6	0.525969111	1.34E-32
UNC5B-AS1	KCNN4	0.74252048	4.51E-78
UNC5B-AS1	ETV4	0.541440401	8.37E-35
UNC5B-AS1	SYT12	0.577771395	1.87E-40
UNC5B-AS1	PVRL4	0.618360393	1.16E-47
UNC5B-AS1	PLCD3	0.56553884	1.79E-38
UNC5B-AS1	PLAU	0.642996843	1.40E-52
UNC5B-AS1	LRRK2	0.242368216	2.74E-07
UNC5B-AS1	SFN	0.680311221	6.00E-61
UNC5B-AS1	LPAR5	0.45507593	7.94E-24
UNC5B-AS1	NGEF	0.603334617	7.12E-45
UNC5B-AS1	DTX4	0.426819341	7.30E-21
UNC5B-AS1	CST6	0.705283971	2.78E-67
UNC5B-AS1	QPCT	0.487229382	1.49E-27
UNC5B-AS1	TIMP1	0.73075131	1.82E-74
UNC5B-AS1	CAMK2N1	0.579411754	1.00E-40
UNC5B-AS1	KLHDC8A	0.441132947	2.49E-22
UNC5B-AS1	PDLIM4	0.769874268	2.88E-87
UNC5B-AS1	SCEL	0.468638218	2.38E-25
UNC5B-AS1	LCN2	0.624967076	6.13E-49
UNC5B-AS1	PROS1	0.489281072	8.36E-28
UNC5B-AS1	GABRB2	0.478973403	1.47E-26
UNC5B-AS1	TMPRSS6	0.619501481	6.99E-48
UNC5B-AS1	KLK7	0.481673116	7.01E-27
UNC5B-AS1	PDZK1IP1	0.584099934	1.64E-41
UNC5B-AS1	CDH3	0.605362195	3.05E-45
UNC5B-AS1	LRP4	0.37932963	1.80E-16
UNC5B-AS1	IGSF1	0.442567783	1.76E-22
UNC5B-AS1	B3GNT3	0.646134305	3.08E-53
UNC5B-AS1	CLDN1	0.576259258	3.33E-40
UNC5B-AS1	GDF15	0.624457026	7.71E-49
UNC5B-AS1	ARHGAP36	0.448815114	3.80E-23
UNC5B-AS1	LAMB3	0.615588306	3.88E-47
UNC5B-AS1	KLK10	0.57967685	9.05E-41
UNC5B-AS1	DPP4	0.438562696	4.63E-22
UNC5B-AS1	METTL7B	0.500791812	3.02E-29

UNC5B-AS1	LIPH	0.594517385	2.64E-43
UNC5B-AS1	CLDN16	0.481420396	7.52E-27
UNC5B-AS1	CHI3L1	0.49359267	2.44E-28
UNC5B-AS1	SLC22A31	0.732239382	6.52E-75
UNC5B-AS1	TACSTD2	0.568169797	6.83E-39
UNC5B-AS1	SFTPBP	0.621419134	2.99E-48
UNC5B-AS1	RXRG	0.398203335	3.92E-18
UNC5B-AS1	DCSTAMP	0.492189721	3.65E-28
UNC5B-AS1	CITED1	0.435733875	9.08E-22
UNC5B-AS1	SERPINA1	0.685351727	3.56E-62
UNC5B-AS1	PRR15	0.534286486	9.03E-34
UNC5B-AS1	SLC34A2	0.478952553	1.48E-26
UNC5B-AS1	FN1	0.573811697	8.37E-40
UNC5B-AS1	ZCCHC12	0.398181208	3.94E-18
RP4-758J18.10	TFF3	-0.370520287	9.62E-16
RP4-758J18.10	CCL21	-0.217761561	4.13E-06
RP4-758J18.10	TPO	-0.457490419	0
RP4-758J18.10	MT1G	-0.423097609	0
RP4-758J18.10	DIO1	-0.406557698	0
RP4-758J18.10	DPT	-0.22256431	2.49E-06
RP4-758J18.10	CDH16	-0.422528559	0
RP4-758J18.10	CRABP1	-0.455004762	8.08E-24
RP4-758J18.10	SLC26A7	-0.529682966	0
RP4-758J18.10	MT1H	-0.41152929	2.26E-19
RP4-758J18.10	SLC26A4	-0.437358056	0
RP4-758J18.10	SLC5A8	-0.529360374	4.50E-33
RP4-758J18.10	PKHD1L1	-0.448347544	4.27E-23
RP4-758J18.10	TFCP2L1	-0.554496663	0
RP4-758J18.10	WSCD2	-0.444424469	1.12E-22
RP4-758J18.10	IPCEF1	-0.46760752	0
RP4-758J18.10	SLC5A5	-0.296730924	2.25E-10
RP4-758J18.10	MT1F	-0.381720314	2.24E-17
RP4-758J18.10	FOSB	-0.202702423	1.95E-05
RP4-758J18.10	SEMA3D	-0.453307658	1.24E-23
RP4-758J18.10	BMP8A	-0.362561096	5.33E-15
RP4-758J18.10	MATN2	-0.536666317	0
RP4-758J18.10	PLA2R1	-0.460082067	0
RP4-758J18.10	COL23A1	-0.412401388	0
RP4-758J18.10	HGD	-0.459305367	0
RP4-758J18.10	TCEAL2	-0.282076042	2.11E-09
RP4-758J18.10	CHRD1	-0.245578023	1.88E-07
RP4-758J18.10	TNFRSF11B	-0.44446665	0
RP4-758J18.10	FAM167A	-0.490872355	0
RP4-758J18.10	KIT	-0.431116088	0
RP4-758J18.10	SLC4A4	-0.583990843	0
RP4-758J18.10	SMOC2	-0.262684778	2.62E-08
RP4-758J18.10	FHL1	-0.47426961	0
RP4-758J18.10	OTOS	-0.353186513	3.22E-14
RP4-758J18.10	IGFBPL1	-0.573169886	1.07E-39
RP4-758J18.10	HBB	-0.268189052	1.31E-08
RP4-758J18.10	BEX1	-0.306290902	6.88E-11

RP4-758J18.10	FABP4	-0.439932746	3.33E-22
RP4-758J18.10	LMOD1	-0.386486467	0
RP4-758J18.10	SOD3	-0.380734121	4.09E-17
RP4-758J18.10	TMEM171	-0.450643799	0
RP4-758J18.10	PI16	-0.195318524	3.91E-05
RP4-758J18.10	ZMAT4	-0.443803613	1.30E-22
RP4-758J18.10	MFAP4	-0.105802699	0.026682793
RP4-758J18.10	CWH43	-0.478108378	1.87E-26
RP4-758J18.10	SPX	-0.509054031	0
RP4-758J18.10	APOD	-0.093246709	0.050914856
RP4-758J18.10	DPP6	-0.392461924	0
RP4-758J18.10	MMRN1	-0.362103104	5.84E-15
RP4-758J18.10	WDR72	-0.534976753	0
RP4-758J18.10	MPPED2	-0.485412193	0
RP4-758J18.10	PAPSS2	-0.425790955	0
RP4-758J18.10	DCN	-0.128382177	0.007106573
RP4-758J18.10	SORBS2	-0.491152483	0
RP4-758J18.10	EGR2	-0.259121546	4.07E-08
RP4-758J18.10	EDN3	-0.32730056	2.02E-12
RP4-758J18.10	DIO2	-0.569224747	0
RP4-758J18.10	ITPR1	-0.459901508	0
RP4-758J18.10	CFD	-0.058191662	0.223582573
RP4-758J18.10	CPXM1	-0.1965813	3.48E-05
RP4-758J18.10	ELMO1	-0.457424323	0
RP4-758J18.10	GPC3	-0.31171356	2.40E-11
RP4-758J18.10	MYOC	-0.121209607	0.011029576
RP4-758J18.10	DEPTOR	-0.486749008	0
RP4-758J18.10	DGKI	-0.478366008	0
RP4-758J18.10	CARTPT	-0.376375779	3.20E-16
RP4-758J18.10	IYD	-0.609082966	0
RP4-758J18.10	LYVE1	-0.262137713	2.80E-08
RP4-758J18.10	CLCNKB	-0.407169441	0
RP4-758J18.10	NCAM1	-0.472698905	0
RP4-758J18.10	HBA2	-0.144312047	0.002458909
RP4-758J18.10	GLT8D2	-0.345623757	1.25E-13
RP4-758J18.10	OGDHL	-0.564891197	0
RP4-758J18.10	LIFR	-0.509662655	0
RP4-758J18.10	CSGALNACT1	-0.507115969	0
RP4-758J18.10	RAP1GAP	-0.540307276	0
RP4-758J18.10	COL9A3	-0.26862747	1.23E-08
RP4-758J18.10	FBLN1	-0.096146994	0.044101151
RP4-758J18.10	EFEMP1	-0.305184856	8.10E-11
RP4-758J18.10	AOX1	-0.411739661	2.16E-19
RP4-758J18.10	GRIN2C	-0.419400341	0
RP4-758J18.10	C11orf74	-0.383513136	0
RP4-758J18.10	PPARGC1A	-0.625601886	0
RP4-758J18.10	ANGPTL1	-0.40525847	0
RP4-758J18.10	SCARA5	-0.183722973	0.000108189
RP4-758J18.10	LTF	-0.353628336	2.97E-14
RP4-758J18.10	CA4	-0.364756368	2.92E-15
RP4-758J18.10	TG	-0.484816761	0

RP4-758J18.10	FCGBP	-0.374180252	3.90E-16
RP4-758J18.10	PBX4	-0.270565675	9.62E-09
RP4-758J18.10	CYR61	-0.220468375	3.29E-06
RP4-758J18.10	FOS	-0.221852279	2.85E-06
RP4-758J18.10	KHDRBS2	-0.37482859	3.28E-16
RP4-758J18.10	MUM1L1	-0.396375636	0
RP4-758J18.10	RGS16	-0.412608186	0
RP4-758J18.10	MT1M	-0.369350272	1.26E-15
RP4-758J18.10	LRP2	-0.495994661	0
RP4-758J18.10	MAFB	-0.406439689	0
RP4-758J18.10	KCNK2	-0.408866948	0
RP4-758J18.10	TBC1D4	-0.41555542	0
RP4-758J18.10	MIOX	-0.338039383	3.39E-13
RP4-758J18.10	TPPP	-0.477581932	0
RP4-758J18.10	FMOD	-0.474020969	0
RP4-758J18.10	CITED2	-0.446410953	0
RP4-758J18.10	RGS8	-0.423211701	1.67E-20
RP4-758J18.10	ABI3BP	-0.380565193	4.46E-17
RP4-758J18.10	ADH1B	-0.22031421	3.16E-06
RP4-758J18.10	OGN	-0.184185036	0.000103875
RP4-758J18.10	NR4A1	-0.160950819	0.000722634
RP4-758J18.10	FOXJ1	-0.293315296	3.69E-10
RP4-758J18.10	ALDH1A1	-0.449839724	0
RP4-758J18.10	OCA2	-0.267453714	1.26E-08
RP4-758J18.10	TMEM139	-0.291623525	5.68E-10
RP4-758J18.10	ARHGAP24	-0.511608376	0
RP4-758J18.10	SLC25A15	-0.606052332	0
RP4-758J18.10	DES	-0.205703278	1.40E-05
RP4-758J18.10	GDF10	-0.292978204	3.88E-10
RP4-758J18.10	KIAA1324	-0.377935816	1.29E-16
RP4-758J18.10	JUN	-0.235899971	6.22E-07
RP4-758J18.10	C7	-0.033865033	0.478962282
RP4-758J18.10	LGI3	-0.425401186	0
RP4-758J18.10	CDON	-0.520127824	0
RP4-758J18.10	BCL2	-0.60032424	0
RP4-758J18.10	HLF	-0.438468783	0
RP4-758J18.10	EGR1	-0.271349325	8.70E-09
RP4-758J18.10	IP6K3	-0.421966033	0
RP4-758J18.10	SCUBE3	-0.413862878	0
RP4-758J18.10	PKNOX2	-0.311548521	3.14E-11
RP4-758J18.10	SMAD9	-0.471770298	0
RP4-758J18.10	IQGAP2	-0.579755161	0
RP4-758J18.10	GNA14	-0.450256725	0
RP4-758J18.10	LAYN	-0.266303469	1.66E-08
RP4-758J18.10	AVPR1A	-0.48882834	0
RP4-758J18.10	PDLIM3	-0.383770995	0
RP4-758J18.10	GPM6A	-0.504005481	0
RP4-758J18.10	SDPR	-0.350795848	4.98E-14
RP4-758J18.10	CRYAB	-0.366795502	2.21E-15
RP4-758J18.10	FOXA2	-0.220112375	3.23E-06
RP4-758J18.10	C8orf88	-0.478906549	0

RP4-758J18.10	ISM1	-0.285705654	1.29E-09
RP4-758J18.10	BMP2	-0.28131466	2.34E-09
RP4-758J18.10	ID4	-0.400915275	0
RP4-758J18.10	NUPR1	-0.396000618	0
RP4-758J18.10	SERTM1	-0.520184152	8.35E-32
RP4-758J18.10	IRS1	-0.438822383	0
RP4-758J18.10	FIBIN	-0.380545194	4.51E-17
RP4-758J18.10	PODN	-0.110201778	0.020960766
RP4-758J18.10	TDRD9	-0.460119228	0
RP4-758J18.10	EPHA3	-0.290131682	6.99E-10
RP4-758J18.10	AIF1L	-0.45033814	0
RP4-758J18.10	EBF4	-0.332341419	1.19E-12
RP4-758J18.10	ADM2	-0.501256961	0
RP4-758J18.10	GSTM3	-0.432275323	0
RP4-758J18.10	HSD17B6	-0.299100043	1.97E-10
RP4-758J18.10	AGR3	-0.199158903	2.63E-05
RP4-758J18.10	EPHB1	-0.521768737	0
RP4-758J18.10	TMOD1	-0.24611806	1.94E-07
RP4-758J18.10	WASF3	-0.556807899	0
RP4-758J18.10	SELV	-0.382606803	9.41E-17
RP4-758J18.10	ENPP1	-0.437159768	0
RP4-758J18.10	SYNE1	-0.504208751	1.10E-29
RP4-758J18.10	PLCH1	-0.377850714	1.32E-16
RP4-758J18.10	CCDC146	-0.37703827	1.72E-16
RP4-758J18.10	SLC16A2	-0.368258836	1.61E-15
RP4-758J18.10	IER2	-0.191884363	5.36E-05
RP4-758J18.10	KCNAB1	-0.318840368	1.03E-11
RP4-758J18.10	SYNDIG1	-0.365808032	2.73E-15
RP4-758J18.10	C16orf89	-0.359414865	9.92E-15
RP4-758J18.10	CTGF	-0.139008332	0.003543145
RP4-758J18.10	NR4A3	-0.164405972	0.000551973
RP4-758J18.10	KIAA1456	-0.519440339	0
RP4-758J18.10	AQP4	-0.38749961	0
RP4-758J18.10	RNF150	-0.457699203	0
RP4-758J18.10	C1S	-0.047742378	0.318132144
RP4-758J18.10	PFKFB2	-0.62382183	0
RP4-758J18.10	PROX1	-0.421518111	0
RP4-758J18.10	TCF7L1	-0.355539307	2.08E-14
RP4-758J18.10	HSPB6	-0.151085621	0.001515369
RP4-758J18.10	FHDC1	-0.451530848	0
RP4-758J18.10	PRR15L	-0.402476193	0
RP4-758J18.10	SLC1A1	-0.491742951	0
RP4-758J18.10	BTBD11	-0.422232403	0
RP4-758J18.10	TRIM58	-0.602656609	0
RP4-758J18.10	LRIG1	-0.487012399	0
RP4-758J18.10	ROR2	-0.273863814	6.27E-09
RP4-758J18.10	GPR125	-0.478090418	0
RP4-758J18.10	FLRT1	-0.378423026	1.09E-16
RP4-758J18.10	PGF	-0.272770108	7.23E-09
RP4-758J18.10	DUSP1	-0.198555672	2.89E-05
RP4-758J18.10	PLA2G7	-0.332338724	1.19E-12

RP4-758J18.10	PLSCR4	-0.387206149	0
RP4-758J18.10	FAM46B	-0.362179271	5.75E-15
RP4-758J18.10	GLDC	-0.351827004	4.13E-14
RP4-758J18.10	ZBTB16	-0.44829455	0
RP4-758J18.10	OMD	-0.139814714	0.003329861
RP4-758J18.10	HSD11B2	-0.303198144	1.08E-10
RP4-758J18.10	FGL2	-0.145757651	0.00222124
RP4-758J18.10	CLCNKA	-0.376255981	3.27E-16
RP4-758J18.10	GATM	-0.560644026	0
RP4-758J18.10	TNS3	-0.520471353	0
RP4-758J18.10	TOB1	-0.339268035	3.75E-13
RP4-758J18.10	MARC2	-0.543460457	0
RP4-758J18.10	LRRC2	-0.554712681	0
RP4-758J18.10	SORD	-0.445061657	0
RP4-758J18.10	RIMS4	-0.377761924	1.36E-16
RP4-758J18.10	SLC29A4	-0.35239875	3.72E-14
RP4-758J18.10	SLC39A14	-0.624249894	0
RP4-758J18.10	FAXDC2	-0.492865734	0
RP4-758J18.10	HSPB8	-0.336462639	6.01E-13
RP4-758J18.10	CCL19	0.094712641	0.047339228
RP4-758J18.10	KCNIP3	-0.344552461	1.51E-13
RP4-758J18.10	CGNL1	-0.465193877	0
RP4-758J18.10	ATF3	-0.064262433	0.178878839
RP4-758J18.10	SGCD	-0.378355512	1.11E-16
RP4-758J18.10	STARD13	-0.46657225	0
RP4-758J18.10	LDHD	-0.468262098	0
RP4-758J18.10	RCAN1	-0.348625173	7.36E-14
RP4-758J18.10	ID3	-0.321094018	7.23E-12
RP4-758J18.10	SYTL3	-0.472674084	0
RP4-758J18.10	MT1E	-0.300451751	1.62E-10
RP4-758J18.10	CAMK1D	-0.46048914	0
RP4-758J18.10	PRKCQ	-0.536225913	0
RP4-758J18.10	NUAK2	-0.407897633	0
RP4-758J18.10	LIPG	-0.447738265	0
RP4-758J18.10	SLC25A25	-0.410091996	0
RP4-758J18.10	PRKX	-0.416031567	0
RP4-758J18.10	SRPX	-0.10898907	0.022420466
RP4-758J18.10	FAM189A1	-0.352763271	3.48E-14
RP4-758J18.10	PLEKHH1	-0.371142385	8.32E-16
RP4-758J18.10	WNT11	-0.261928928	2.87E-08
RP4-758J18.10	SNAI1	-0.272868259	7.14E-09
RP4-758J18.10	FDCSP	0.030281201	0.526865672
RP4-758J18.10	MT1X	-0.235684662	6.37E-07
RP4-758J18.10	ACACB	-0.525692662	0
RP4-758J18.10	ARC	-0.074340245	0.119843052
RP4-758J18.10	KLK4	-0.353900161	2.13E-14
RP4-758J18.10	ZFPM2	-0.279442977	3.00E-09
RP4-758J18.10	AKAP12	-0.359893849	9.04E-15
RP4-758J18.10	GJB6	-0.370426443	1.00E-15
RP4-758J18.10	ERO1LB	-0.474194294	0
RP4-758J18.10	DNALI1	-0.21292037	7.14E-06

RP4-758J18.10	HKDC1	-0.354449998	2.55E-14
RP4-758J18.10	ZFP36L2	-0.445220798	0
RP4-758J18.10	CAPSL	-0.294997416	2.90E-10
RP4-758J18.10	CYP7B1	-0.53826553	0
RP4-758J18.10	CPQ	-0.342850274	2.03E-13
RP4-758J18.10	RPS6KA6	-0.492399107	3.44E-28
RP4-758J18.10	TLE1	-0.424445346	0
RP4-758J18.10	TP53INP2	-0.464858858	0
RP4-758J18.10	KATNAL2	-0.488656434	0
RP4-758J18.10	SGPP2	-0.386805175	0
RP4-758J18.10	CTH	-0.483170032	0
RP4-758J18.10	KIF12	-0.127623349	0.007455159
RP4-758J18.10	TMEM220	-0.483610436	0
RP4-758J18.10	CENPJ	-0.404118525	0
RP4-758J18.10	FAM155B	-0.173216895	0.00027115
RP4-758J18.10	WFS1	-0.43442756	0
RP4-758J18.10	SELENBP1	-0.277833977	3.72E-09
RP4-758J18.10	SNTA1	-0.45186913	0
RP4-758J18.10	FRAS1	-0.397081843	0
RP4-758J18.10	FBLN7	-0.472875351	0
RP4-758J18.10	AGPAT9	-0.512989161	0
RP4-758J18.10	GPR83	-0.351084345	4.73E-14
RP4-758J18.10	PRTG	-0.484264447	0
RP4-758J18.10	EGR3	-0.05407952	0.258074639
RP4-758J18.10	GRAMD2	-0.311690926	3.07E-11
RP4-758J18.10	HYOU1	-0.548866438	0
RP4-758J18.10	FBLN5	-0.195977641	3.68E-05
RP4-758J18.10	ITM2A	-0.351816366	4.14E-14
RP4-758J18.10	SRF	-0.231562166	1.00E-06
RP4-758J18.10	FGFR2	-0.395546881	0
RP4-758J18.10	MT1A	-0.176236542	0.00020634
RP4-758J18.10	MAMDC2	-0.203219136	1.86E-05
RP4-758J18.10	FHL2	-0.281416215	2.30E-09
RP4-758J18.10	FTCDNL1	-0.614542419	0
RP4-758J18.10	PKIA	-0.338511192	4.26E-13
RP4-758J18.10	DNAJB4	-0.406240692	0
RP4-758J18.10	SLC25A33	-0.44034004	0
RP4-758J18.10	EYA2	-0.419600757	0
RP4-758J18.10	LPAR1	-0.384910089	0
RP4-758J18.10	STX11	-0.395494969	0
RP4-758J18.10	ARHGEF28	-0.534301892	0
RP4-758J18.10	OR2W3	-0.494500833	0
RP4-758J18.10	ALDH1B1	-0.587826565	3.81E-42
RP4-758J18.10	CXCL12	-0.167349518	0.000436962
RP4-758J18.10	OLFM2	-0.184330259	0.000105296
RP4-758J18.10	TUB	-0.453913428	0
RP4-758J18.10	HTRA3	-0.138145536	0.003755823
RP4-758J18.10	CKB	-0.226216324	1.79E-06
RP4-758J18.10	RGS2	-0.09478862	0.047190333
RP4-758J18.10	SHANK2	-0.458154642	0
RP4-758J18.10	CNTFR	-0.320973331	5.62E-12

RP4-758J18.10	CYTH3	-0.47225921	0
RP4-758J18.10	PLAC9	-0.038781392	0.417476087
RP4-758J18.10	WVOX	-0.437723429	0
RP4-758J18.10	NPR3	-0.26467064	2.04E-08
RP4-758J18.10	SDC2	-0.291579413	5.71E-10
RP4-758J18.10	KLF15	-0.417558018	0
RP4-758J18.10	TMEM164	-0.505029545	0
RP4-758J18.10	LONRF3	-0.305567817	7.66E-11
RP4-758J18.10	GBP1	-0.12342809	0.009672752
RP4-758J18.10	ARHGAP6	-0.483240808	0
RP4-758J18.10	TMEM119	-0.076684103	0.108585834
RP4-758J18.10	SH3RF1	-0.573852183	0
RP4-758J18.10	CRELD2	-0.267902399	1.35E-08
RP4-758J18.10	PCP4	-0.071087777	0.136949676
RP4-758J18.10	GCSH	-0.452386552	0
RP4-758J18.10	IMPA2	-0.477437826	0
RP4-758J18.10	C1R	0.025134533	0.599302707
RP4-758J18.10	SUCNR1	-0.286009469	1.24E-09
RP4-758J18.10	SFRP1	-0.326144838	3.25E-12
RP4-758J18.10	UGT8	-0.607054695	0
RP4-758J18.10	TLE4	-0.164212364	0.000560447
RP4-758J18.10	ANTXR1	-0.370898708	8.81E-16
RP4-758J18.10	GPX3	-0.347703515	8.68E-14
RP4-758J18.10	DPY19L2	-0.312134308	2.87E-11
RP4-758J18.10	FAM46C	-0.420588227	0
RP4-758J18.10	IL33	-0.179294906	0.000158996
RP4-758J18.10	PEG3	-0.52214106	0
RP4-758J18.10	FAHD2A	-0.38395666	0
RP4-758J18.10	PTGDS	0.02816233	0.556053318
RP4-758J18.10	CHCHD10	-0.342827864	2.04E-13
RP4-758J18.10	CD36	-0.429523824	0
RP4-758J18.10	ANKRD37	-0.172368425	0.000290796
RP4-758J18.10	TSPAN33	-0.372223042	6.41E-16
RP4-758J18.10	PRDM16	-0.450975272	0
RP4-758J18.10	UST	-0.420924239	0
RP4-758J18.10	NEXN	-0.428175095	0
RP4-758J18.10	NUPR1L	-0.11886587	0.012693402
RP4-758J18.10	SLC24A3	-0.507616087	0
RP4-758J18.10	MARC1	-0.355786388	1.99E-14
RP4-758J18.10	MYH11	-0.190937884	5.84E-05
RP4-758J18.10	APOA1	-0.280037497	2.36E-09
RP4-758J18.10	TMEM178B	-0.351086047	4.73E-14
RP4-758J18.10	CAPN6	-0.129064931	0.006772375
RP4-758J18.10	PPM1L	-0.516202197	0
RP4-758J18.10	FZD8	-0.397450336	0
RP4-758J18.10	RCAN2	-0.388593316	0
RP4-758J18.10	COPZ2	-0.456496282	0
RP4-758J18.10	GAS1	-0.238545375	4.62E-07
RP4-758J18.10	DACT1	-0.329792464	1.80E-12
RP4-758J18.10	WBSCR17	-0.33907074	3.87E-13
RP4-758J18.10	NCS1	-0.368424785	1.55E-15

RP4-758J18.10	SPIRE2	-0.329645237	1.85E-12
RP4-758J18.10	C15orf52	-0.453044392	0
RP4-758J18.10	SPAG5	-0.372530545	5.94E-16
RP4-758J18.10	ARL4D	-0.349929932	5.83E-14
RP4-758J18.10	FAM189A2	-0.184483585	0.00010389
RP4-758J18.10	MAP1LC3A	-0.285448503	1.33E-09
RP4-758J18.10	KLF6	-0.095251718	0.046117376
RP4-758J18.10	ADD3	-0.369873368	1.12E-15
RP4-758J18.10	TSPAN7	-0.307692962	5.59E-11
RP4-758J18.10	KLF9	-0.287524006	1.00E-09
RP4-758J18.10	KCNQ1	-0.429642117	0
RP4-758J18.10	MAN1A1	-0.18645654	8.73E-05
RP4-758J18.10	MLF1	-0.330555264	1.59E-12
RP4-758J18.10	RARB	-0.418977808	0
RP4-758J18.10	CDC42EP2	-0.209162679	1.04E-05
RP4-758J18.10	FAM3B	-0.189885736	6.43E-05
RP4-758J18.10	GADD45B	-0.040990647	0.39143068
RP4-758J18.10	TMEM47	-0.388396588	0
RP4-758J18.10	SDF2L1	-0.179816293	0.000155657
RP4-758J18.10	CCDC85A	-0.364078186	3.91E-15
RP4-758J18.10	CRYBG3	-0.488891032	0
RP4-758J18.10	FBLN2	-0.090507976	0.058135246
RP4-758J18.10	PEBP4	-0.209298842	1.02E-05
RP4-758J18.10	CDADC1	-0.446920149	0
RP4-758J18.10	FAM63A	-0.509065804	0
RP4-758J18.10	GLUL	-0.342105203	2.31E-13
RP4-758J18.10	FREM2	-0.538461691	0
RP4-758J18.10	ACKR3	-0.30946777	4.29E-11
RP4-758J18.10	DENND6A	-0.527166208	0
RP4-758J18.10	CLDN8	-0.341719406	2.47E-13
RP4-758J18.10	UTS2R	-0.142990111	0.002674392
RP4-758J18.10	SCNN1B	-0.218678532	3.96E-06
RP4-758J18.10	TTC30A	-0.564211655	0
RP4-758J18.10	CORO2B	-0.307395246	5.84E-11
RP4-758J18.10	TC2N	-0.486513984	0
RP4-758J18.10	ALDH2	-0.389167473	0
RP4-758J18.10	GPR183	-0.043129977	0.367170904
RP4-758J18.10	C4orf47	-0.188588777	7.22E-05
RP4-758J18.10	SLC25A42	-0.337878882	4.74E-13
RP4-758J18.10	LGMN	-0.528949951	0
RP4-758J18.10	ACSF2	-0.411243288	0
RP4-758J18.10	KIAA1467	-0.594769756	0
RP4-758J18.10	PRKG1	-0.385731752	0
RP4-758J18.10	GNAI1	-0.461772482	0
RP4-758J18.10	ABCC4	-0.437543296	0
RP4-758J18.10	PRPS1	-0.5765634	0
RP4-758J18.10	TSPAN5	-0.419009722	0
RP4-758J18.10	CR2	-0.141258314	0.003015648
RP4-758J18.10	CCDC170	-0.47721429	0
RP4-758J18.10	RRAD	0.153313315	0.001286773
RP4-758J18.10	SCGB2A1	-0.335033062	7.63E-13

RP4-758J18.10	SESN3	-0.312428337	2.75E-11
RP4-758J18.10	SGK223	-0.287116082	1.06E-09
RP4-758J18.10	NDRG2	-0.440306992	0
RP4-758J18.10	C3orf52	-0.323570494	4.89E-12
RP4-758J18.10	FLRT3	0.271373154	8.67E-09
RP4-758J18.10	MST1R	0.504271283	0
RP4-758J18.10	SDC1	0.189820633	6.46E-05
RP4-758J18.10	ST8SIA4	0.330422788	1.63E-12
RP4-758J18.10	UBTD1	0.591207942	0
RP4-758J18.10	EPHA2	0.372248289	6.37E-16
RP4-758J18.10	TMEM130	0.533756954	0
RP4-758J18.10	SPINK2	0.384197783	0
RP4-758J18.10	MMP16	0.338419707	4.32E-13
RP4-758J18.10	SIGLEC15	0.57304286	0
RP4-758J18.10	RIN1	0.714397178	0
RP4-758J18.10	IL1RN	0.2055959	1.47E-05
RP4-758J18.10	FCER1G	0.348697084	7.27E-14
RP4-758J18.10	CD276	0.54331862	0
RP4-758J18.10	CTSB	0.221790438	2.87E-06
RP4-758J18.10	FAM171A2	0.359008927	1.07E-14
RP4-758J18.10	ASPHD1	0.452887095	0
RP4-758J18.10	C15orf48	0.271368331	8.67E-09
RP4-758J18.10	DYSF	0.28816667	9.18E-10
RP4-758J18.10	PDZRN4	0.408326123	0
RP4-758J18.10	EFHD2	0.50041147	0
RP4-758J18.10	ASF1B	0.248210725	1.51E-07
RP4-758J18.10	AQP1	0.330805607	1.53E-12
RP4-758J18.10	ARRDC2	0.610418079	0
RP4-758J18.10	PRSS1	0.485811018	2.22E-27
RP4-758J18.10	MAPK13	0.373411637	4.76E-16
RP4-758J18.10	CST5	0.457142033	4.70E-24
RP4-758J18.10	AHR	0.315468048	1.73E-11
RP4-758J18.10	BAX	0.532060156	0
RP4-758J18.10	C1orf115	0.313911953	2.19E-11
RP4-758J18.10	PLK3	0.526693323	0
RP4-758J18.10	JAG2	0.434086016	0
RP4-758J18.10	RAD23B	0.303635286	1.02E-10
RP4-758J18.10	CA12	0.102050256	0.032580952
RP4-758J18.10	ADTRP	0.3652126	3.09E-15
RP4-758J18.10	UCP2	0.386962473	0
RP4-758J18.10	IGFBP2	0.407327164	0
RP4-758J18.10	LOXL2	0.340243307	3.17E-13
RP4-758J18.10	GPX1	0.512979658	0
RP4-758J18.10	P3H3	0.631059495	0
RP4-758J18.10	C2orf81	0.620713327	0
RP4-758J18.10	CDT1	0.315518401	1.71E-11
RP4-758J18.10	SNX25	0.359214307	1.03E-14
RP4-758J18.10	MTHFD1L	0.323800554	4.72E-12
RP4-758J18.10	CDC42BPG	0.391321425	1.63E-17
RP4-758J18.10	MSN	0.256626063	5.53E-08
RP4-758J18.10	SIGLEC6	0.405422639	8.49E-19

RP4-758J18.10	F2R	0.175938324	0.000216189
RP4-758J18.10	TMEM184A	0.512773285	0
RP4-758J18.10	CKS2	0.204274546	1.68E-05
RP4-758J18.10	TAX1BP3	0.593901571	0
RP4-758J18.10	PMEP A1	0.519208861	0
RP4-758J18.10	CXCL16	0.436991691	0
RP4-758J18.10	FAXC	0.47373148	0
RP4-758J18.10	VTCN1	0.344159664	1.19E-13
RP4-758J18.10	SH2D4A	0.346402869	1.09E-13
RP4-758J18.10	RNF24	0.286131165	1.21E-09
RP4-758J18.10	LY6G6C	0.396033027	6.16E-18
RP4-758J18.10	NID1	0.210591971	9.01E-06
RP4-758J18.10	STAC	0.425284454	0
RP4-758J18.10	RAB34	0.669585013	0
RP4-758J18.10	HES4	0.503313174	0
RP4-758J18.10	EPHA10	0.430353004	0
RP4-758J18.10	ENTPD2	0.576427236	0
RP4-758J18.10	DDB2	0.519912231	0
RP4-758J18.10	NKAIN4	0.567291648	0
RP4-758J18.10	TRIM29	0.408263573	0
RP4-758J18.10	ADCY8	0.461579405	1.50E-24
RP4-758J18.10	SFTA2	0.2958741	3.12E-10
RP4-758J18.10	NRIP1	0.321086643	7.23E-12
RP4-758J18.10	VWA1	0.576258734	0
RP4-758J18.10	APLNR	0.262635845	2.63E-08
RP4-758J18.10	REN	0.512540042	8.90E-31
RP4-758J18.10	EDIL3	0.233242227	8.35E-07
RP4-758J18.10	AGRN	0.436047765	0
RP4-758J18.10	TREM1	0.455809649	0
RP4-758J18.10	SRL	0.264250802	2.15E-08
RP4-758J18.10	RASGRF1	0.608081312	0
RP4-758J18.10	RMI2	0.400440688	0
RP4-758J18.10	SAMD1	0.566284179	0
RP4-758J18.10	MGAT4B	0.468762499	0
RP4-758J18.10	NXN	0.52136436	0
RP4-758J18.10	SH3BGRL3	0.523517731	0
RP4-758J18.10	CA11	0.525455368	0
RP4-758J18.10	PLD3	0.541858691	0
RP4-758J18.10	LURAP1L	0.236091167	6.08E-07
RP4-758J18.10	CARNS1	0.414432637	0
RP4-758J18.10	PDLIM7	0.631582023	0
RP4-758J18.10	BCL2L1	0.50510713	0
RP4-758J18.10	GGT6	0.324600374	4.15E-12
RP4-758J18.10	DPYSL3	0.379178876	8.21E-17
RP4-758J18.10	FYN	0.48642491	0
RP4-758J18.10	TK1	0.276945509	4.18E-09
RP4-758J18.10	AK1	0.536004505	0
RP4-758J18.10	HIGD1B	0.332284684	1.20E-12
RP4-758J18.10	TMEM59L	0.522802021	0
RP4-758J18.10	MEGF9	0.190819308	5.91E-05
RP4-758J18.10	ZFP36L1	0.399951634	0

RP4-758J18.10	ADRA1B	0.387102182	0
RP4-758J18.10	EPHA4	0.363053129	4.82E-15
RP4-758J18.10	TCERG1L	0.314727233	1.94E-11
RP4-758J18.10	NGFR	0.41761915	0
RP4-758J18.10	EBI3	0.429992454	0
RP4-758J18.10	S100A10	0.480927019	0
RP4-758J18.10	S100B	0.452265281	0
RP4-758J18.10	CD44	0.342657801	2.10E-13
RP4-758J18.10	BHLHE41	0.332332767	1.19E-12
RP4-758J18.10	FBXO2	0.612326923	0
RP4-758J18.10	SLC30A2	0.148867998	0.001779461
RP4-758J18.10	FRMD5	0.362182391	5.75E-15
RP4-758J18.10	SAMD11	0.39316884	0
RP4-758J18.10	SIPA1L2	0.425804146	0
RP4-758J18.10	S100A16	0.485523251	0
RP4-758J18.10	PPL	0.296428257	2.88E-10
RP4-758J18.10	ARHGDIB	0.406656417	0
RP4-758J18.10	CDC42EP3	0.429244973	0
RP4-758J18.10	RUNX2	0.569675647	0
RP4-758J18.10	LAMC2	0.303991722	9.66E-11
RP4-758J18.10	BRINP1	0.443454358	0
RP4-758J18.10	GPRC5B	0.295467594	3.30E-10
RP4-758J18.10	AQP5	0.463327159	0
RP4-758J18.10	PLAG1	0.433105354	0
RP4-758J18.10	PTPRU	0.423755308	0
RP4-758J18.10	ANGPTL4	0.403862792	0
RP4-758J18.10	PALM3	0.406592164	0
RP4-758J18.10	ACP5	0.38708658	0
RP4-758J18.10	DLG4	0.47422408	0
RP4-758J18.10	ETNK2	0.516401337	0
RP4-758J18.10	CD109	0.437567975	0
RP4-758J18.10	SNX22	0.4606575	0
RP4-758J18.10	TMEM98	0.462130762	0
RP4-758J18.10	CTHRC1	0.415521946	0
RP4-758J18.10	S100A2	0.432787071	0
RP4-758J18.10	C11orf80	0.542186902	0
RP4-758J18.10	SREBF1	0.574970001	0
RP4-758J18.10	PRSS22	0.558115779	0
RP4-758J18.10	CMTM3	0.557064624	0
RP4-758J18.10	RDH5	0.44701447	0
RP4-758J18.10	MYH10	0.366236096	2.49E-15
RP4-758J18.10	EVPL	0.462038852	0
RP4-758J18.10	SCD	0.292323491	5.15E-10
RP4-758J18.10	CD151	0.643718175	0
RP4-758J18.10	S100A4	0.505298893	0
RP4-758J18.10	BNIP1	0.461965948	0
RP4-758J18.10	MAP3K6	0.568087922	0
RP4-758J18.10	MANEAL	0.26162639	2.99E-08
RP4-758J18.10	CD207	0.469459253	1.91E-25
RP4-758J18.10	CD1A	0.464140865	7.74E-25
RP4-758J18.10	C3	0.426682401	0

RP4-758J18.10	NT5E	0.44315877	0
RP4-758J18.10	CACNG4	0.417377898	6.21E-20
RP4-758J18.10	FHOD1	0.514732197	0
RP4-758J18.10	LEMD1	0.557485738	0
RP4-758J18.10	ATP11A	0.358456755	1.19E-14
RP4-758J18.10	PPAP2C	0.445660493	0
RP4-758J18.10	DRAM1	0.470108817	0
RP4-758J18.10	CDA	0.394257298	0
RP4-758J18.10	CCND2	0.394624656	0
RP4-758J18.10	LCN6	0.464161674	7.70E-25
RP4-758J18.10	CDH4	0.344749331	1.46E-13
RP4-758J18.10	MMP11	0.509833852	0
RP4-758J18.10	B3GAT1	0.313231844	2.43E-11
RP4-758J18.10	SPP1	0.2166409	4.89E-06
RP4-758J18.10	HLA-DQB1	0.293097496	4.62E-10
RP4-758J18.10	SDC3	0.558428955	0
RP4-758J18.10	CX3CL1	0.477235566	0
RP4-758J18.10	SDK1	0.503207505	0
RP4-758J18.10	DOCK9	0.270638012	9.53E-09
RP4-758J18.10	CSF2	0.589555497	1.92E-42
RP4-758J18.10	GRHL3	0.488600975	0
RP4-758J18.10	TMEM92	0.586938465	5.40E-42
RP4-758J18.10	BASP1	0.468348619	0
RP4-758J18.10	HRH1	0.501846152	0
RP4-758J18.10	ESM1	0.181972501	0.000129294
RP4-758J18.10	B4GALNT3	0.398296536	0
RP4-758J18.10	LMO3	0.342356397	2.21E-13
RP4-758J18.10	C9orf16	0.557628568	0
RP4-758J18.10	SEMA3F	0.55118051	0
RP4-758J18.10	PLA2G12B	0.34650165	7.90E-14
RP4-758J18.10	KLK6	0.504240845	1.09E-29
RP4-758J18.10	ST3GAL5	0.520287249	0
RP4-758J18.10	FAM132B	0.205791068	1.45E-05
RP4-758J18.10	CDKN1A	0.242883464	2.82E-07
RP4-758J18.10	E2F1	0.299267411	1.92E-10
RP4-758J18.10	B3GNT8	0.553667483	0
RP4-758J18.10	MTMR11	0.554024487	0
RP4-758J18.10	MYO1G	0.494367222	0
RP4-758J18.10	TMSB10	0.600210628	0
RP4-758J18.10	UNC5CL	0.587260331	0
RP4-758J18.10	ABR	0.406728895	0
RP4-758J18.10	PLP2	0.547467073	0
RP4-758J18.10	SRCIN1	0.312354865	2.78E-11
RP4-758J18.10	PDE9A	0.500062976	0
RP4-758J18.10	TREM2	0.357847423	1.34E-14
RP4-758J18.10	KDELR3	0.35760403	1.41E-14
RP4-758J18.10	PC	0.395870554	0
RP4-758J18.10	C2CD4A	0.359375151	1.00E-14
RP4-758J18.10	PELI1	0.477108905	0
RP4-758J18.10	SSX1	0.322317647	5.96E-12
RP4-758J18.10	MROH6	0.603574012	0

RP4-758J18.10	ESPN	0.635860824	0
RP4-758J18.10	BMP1	0.5931843	0
RP4-758J18.10	TM4SF4	0.475131182	4.19E-26
RP4-758J18.10	CORO2A	0.448045059	0
RP4-758J18.10	CD164L2	0.525395106	1.61E-32
RP4-758J18.10	CTSS	0.278273388	3.51E-09
RP4-758J18.10	CLU	0.620490076	0
RP4-758J18.10	TMSB4X	0.545574965	0
RP4-758J18.10	WNT10A	0.50552273	7.42E-30
RP4-758J18.10	NAPSA	0.574740367	0
RP4-758J18.10	PLEKHA4	0.535920395	0
RP4-758J18.10	SFTPA1	0.308058368	4.19E-11
RP4-758J18.10	C1orf116	0.435128519	0
RP4-758J18.10	TM4SF1	0.411653764	0
RP4-758J18.10	SEL1L3	0.307973516	5.36E-11
RP4-758J18.10	VASN	0.660416093	0
RP4-758J18.10	NPTXR	0.397683658	0
RP4-758J18.10	PDE4C	0.41767319	0
RP4-758J18.10	CDC42EP1	0.649533923	0
RP4-758J18.10	ENDOD1	0.382481412	1.12E-17
RP4-758J18.10	RYR1	0.554951109	0
RP4-758J18.10	IL1RAP	0.42610328	0
RP4-758J18.10	SLC35F2	0.434443532	1.23E-21
RP4-758J18.10	ISYNA1	0.719681888	0
RP4-758J18.10	HLA-G	0.327374141	2.67E-12
RP4-758J18.10	CDKN2B	0.386075565	0
RP4-758J18.10	ALDH1A3	0.353307075	3.15E-14
RP4-758J18.10	CLIP3	0.496835897	0
RP4-758J18.10	ULBP2	0.388376447	0
RP4-758J18.10	ETHE1	0.512327916	0
RP4-758J18.10	XPR1	0.403381255	0
RP4-758J18.10	SPTBN2	0.353055739	3.30E-14
RP4-758J18.10	IVL	0.497175496	8.68E-29
RP4-758J18.10	MARCO	0.348849559	7.07E-14
RP4-758J18.10	PLXND1	0.512983629	0
RP4-758J18.10	EMILIN2	0.455361585	0
RP4-758J18.10	PLAUR	0.502902555	0
RP4-758J18.10	CDC42EP5	0.682282273	0
RP4-758J18.10	TRPC5	0.399714458	2.85E-18
RP4-758J18.10	TMEM100	0.563894224	0
RP4-758J18.10	QSOX1	0.570965939	0
RP4-758J18.10	ARHGAP23	0.516613383	0
RP4-758J18.10	MDFI	0.546115223	0
RP4-758J18.10	FSTL3	0.534665562	0
RP4-758J18.10	INF2	0.529223555	0
RP4-758J18.10	TGFBR1	0.39313097	0
RP4-758J18.10	TGFBI	0.432118451	0
RP4-758J18.10	ERBB3	0.364054074	3.93E-15
RP4-758J18.10	CCL18	0.300466219	1.61E-10
RP4-758J18.10	CCL17	0.464946459	6.27E-25
RP4-758J18.10	C16orf45	0.491567073	0

RP4-758J18.10	PRDM1	0.360502189	8.02E-15
RP4-758J18.10	TRIM47	0.525165737	0
RP4-758J18.10	CNFN	0.457965431	0
RP4-758J18.10	ARMCX3	0.328832085	2.11E-12
RP4-758J18.10	RAMP1	0.535885362	0
RP4-758J18.10	GABRD	0.359885339	9.05E-15
RP4-758J18.10	COL13A1	0.528216795	0
RP4-758J18.10	S100A5	0.464979987	0
RP4-758J18.10	MISP	0.439872545	0
RP4-758J18.10	HES6	0.348045342	8.17E-14
RP4-758J18.10	PSD3	0.297972296	2.31E-10
RP4-758J18.10	DOK7	0.497292897	0
RP4-758J18.10	ZMAT3	0.317628512	1.24E-11
RP4-758J18.10	MFAP2	0.561821558	0
RP4-758J18.10	TMEM79	0.586137122	0
RP4-758J18.10	SLC1A5	0.457807425	0
RP4-758J18.10	BBC3	0.53807632	0
RP4-758J18.10	HLA-DQB2	0.40399229	0
RP4-758J18.10	C1QL1	0.531617766	0
RP4-758J18.10	TMEM215	0.33977339	2.52E-13
RP4-758J18.10	PNP	0.362156861	5.78E-15
RP4-758J18.10	ARNTL	0.469402469	0
RP4-758J18.10	CLDN2	0.443519406	1.40E-22
RP4-758J18.10	MVP	0.609775557	0
RP4-758J18.10	LGALS1	0.604736084	0
RP4-758J18.10	BIRC7	0.560315786	1.19E-37
RP4-758J18.10	COL8A1	0.383558665	0
RP4-758J18.10	PERP	0.362857536	5.02E-15
RP4-758J18.10	GJA4	0.476735023	0
RP4-758J18.10	IGFL2	0.532457672	1.64E-33
RP4-758J18.10	DAPK2	0.393602011	0
RP4-758J18.10	MAMLD1	0.463480485	0
RP4-758J18.10	ETV5	0.358362717	1.22E-14
RP4-758J18.10	RUNX1	0.447901661	0
RP4-758J18.10	LONRF2	0.266844436	1.55E-08
RP4-758J18.10	SPOCK1	0.369011991	1.36E-15
RP4-758J18.10	XKRX	0.401817501	0
RP4-758J18.10	TGFB1	0.523359583	0
RP4-758J18.10	ERP27	0.333803902	9.35E-13
RP4-758J18.10	TNFRSF10C	0.303742656	1.00E-10
RP4-758J18.10	PALM	0.566021781	0
RP4-758J18.10	TSC22D1	0.549674909	0
RP4-758J18.10	TGM2	0.402907378	0
RP4-758J18.10	UBE2QL1	0.362481526	5.41E-15
RP4-758J18.10	ECE1	0.565923913	0
RP4-758J18.10	COL8A2	0.60067245	0
RP4-758J18.10	HIST3H2A	0.336842053	5.64E-13
RP4-758J18.10	TNFRSF21	0.335200005	7.42E-13
RP4-758J18.10	SOX4	0.45625672	0
RP4-758J18.10	ELF3	0.483513703	0
RP4-758J18.10	TPD52L1	0.386409308	0

RP4-758J18.10	INHBB	0.486603483	0
RP4-758J18.10	HPN	0.511134924	0
RP4-758J18.10	MMP7	0.375178254	4.03E-16
RP4-758J18.10	RAB27A	0.402538885	0
RP4-758J18.10	IGF2BP2	0.449375066	0
RP4-758J18.10	ITGB4	0.591800112	0
RP4-758J18.10	PPP1R1B	0.640909375	0
RP4-758J18.10	NPDC1	0.648298096	0
RP4-758J18.10	CCL13	0.448013588	4.64E-23
RP4-758J18.10	SPINT1	0.499102455	0
RP4-758J18.10	HEY2	0.515989867	0
RP4-758J18.10	CST2	0.382852679	8.96E-17
RP4-758J18.10	ADM	0.310863306	3.48E-11
RP4-758J18.10	VSTM2L	0.356204949	1.84E-14
RP4-758J18.10	FAM84A	0.46290647	0
RP4-758J18.10	P4HA2	0.376424399	2.08E-16
RP4-758J18.10	LPL	0.45810046	0
RP4-758J18.10	TMEM173	0.689228321	0
RP4-758J18.10	DHRS3	0.559262107	0
RP4-758J18.10	SCN1B	0.636023653	0
RP4-758J18.10	GLT1D1	0.373247957	4.96E-16
RP4-758J18.10	PHYHIP	0.632069801	0
RP4-758J18.10	BHLHE40	0.43260013	0
RP4-758J18.10	BID	0.534883566	0
RP4-758J18.10	POSTN	0.243299614	2.68E-07
RP4-758J18.10	ITGA3	0.42325051	0
RP4-758J18.10	RSPO4	0.435969755	0
RP4-758J18.10	ADAMTS9	0.416695081	0
RP4-758J18.10	ABTB2	0.411961267	0
RP4-758J18.10	KCNQ3	0.423603684	0
RP4-758J18.10	ANXA1	0.422314527	0
RP4-758J18.10	S100A11	0.592052298	0
RP4-758J18.10	CEACAM6	0.378443501	2.14E-16
RP4-758J18.10	IER5L	0.599905111	0
RP4-758J18.10	KRT80	0.363238794	4.64E-15
RP4-758J18.10	CDH6	0.469117943	0
RP4-758J18.10	UNC5B	0.370980123	8.64E-16
RP4-758J18.10	PLEKHN1	0.642145769	0
RP4-758J18.10	SYTL1	0.648785307	0
RP4-758J18.10	TMEM163	0.487586414	0
RP4-758J18.10	C4orf48	0.544717276	0
RP4-758J18.10	B3GNT7	0.504614104	0
RP4-758J18.10	BAIAP3	0.607806148	0
RP4-758J18.10	PHLDA2	0.533897372	0
RP4-758J18.10	GAP43	0.537269579	3.37E-34
RP4-758J18.10	S100A1	0.337848387	4.76E-13
RP4-758J18.10	PTPRE	0.433101808	0
RP4-758J18.10	CCND1	0.392001662	0
RP4-758J18.10	ST6GALNAC5	0.436058287	8.41E-22
RP4-758J18.10	KRT17	0.49457785	0
RP4-758J18.10	HPCAL4	0.462630171	0

RP4-758J18.10	GABBR2	0.447614299	0
RP4-758J18.10	DIRAS3	0.510594383	0
RP4-758J18.10	SERINC2	0.392908994	0
RP4-758J18.10	PTCHD4	0.434589963	0
RP4-758J18.10	EPS8	0.302422011	1.21E-10
RP4-758J18.10	LY6E	0.57578982	0
RP4-758J18.10	UPP1	0.547502248	0
RP4-758J18.10	AHNAK2	0.409769174	0
RP4-758J18.10	PLXNC1	0.430054579	0
RP4-758J18.10	TNC	0.354386881	2.58E-14
RP4-758J18.10	DUSP4	0.507146322	0
RP4-758J18.10	NRCAM	0.300659401	1.57E-10
RP4-758J18.10	NRP2	0.519304601	0
RP4-758J18.10	CTSC	0.496903837	0
RP4-758J18.10	AMIGO2	0.573085837	0
RP4-758J18.10	NAB2	0.472663872	0
RP4-758J18.10	TBC1D2	0.448799916	0
RP4-758J18.10	PHLDA3	0.578716913	0
RP4-758J18.10	PTP4A3	0.61819586	0
RP4-758J18.10	CRABP2	0.441469489	0
RP4-758J18.10	GOS2	0.524626614	0
RP4-758J18.10	S100A6	0.526634318	0
RP4-758J18.10	FOXQ1	0.428352959	0
RP4-758J18.10	LRG1	0.561209247	0
RP4-758J18.10	LAMP5	0.525289986	0
RP4-758J18.10	ALDH3B1	0.514580006	0
RP4-758J18.10	CDH2	0.259455005	3.91E-08
RP4-758J18.10	SCG5	0.443676192	0
RP4-758J18.10	ZCCHC16	0.415099352	1.03E-19
RP4-758J18.10	GRB7	0.595832967	0
RP4-758J18.10	TIAM1	0.467945659	0
RP4-758J18.10	FXD5	0.627506049	0
RP4-758J18.10	CLDN9	0.478015954	0
RP4-758J18.10	FAM43A	0.45369585	0
RP4-758J18.10	CHST2	0.492312711	0
RP4-758J18.10	HMGA2	0.553091766	0
RP4-758J18.10	GALNT7	0.369410695	1.24E-15
RP4-758J18.10	CBLN1	0.407993232	0
RP4-758J18.10	STRA6	0.58772045	0
RP4-758J18.10	MUC21	0.393460563	1.05E-17
RP4-758J18.10	PRR36	0.629314898	0
RP4-758J18.10	NFE2L3	0.474637393	0
RP4-758J18.10	NR1D1	0.303299557	1.07E-10
RP4-758J18.10	MUC1	0.390453368	0
RP4-758J18.10	NAT8L	0.481641453	0
RP4-758J18.10	APOC1	0.513259219	0
RP4-758J18.10	EVA1A	0.531530536	0
RP4-758J18.10	ENTPD1	0.294775713	3.64E-10
RP4-758J18.10	COL1A1	0.450413313	0
RP4-758J18.10	FNDC4	0.50220117	0
RP4-758J18.10	FRMD3	0.283935243	1.64E-09

RP4-758J18.10	SHROOM4	0.447968609	0
RP4-758J18.10	NELL2	0.524842348	0
RP4-758J18.10	EPHB3	0.554443757	0
RP4-758J18.10	TMC6	0.594472749	0
RP4-758J18.10	NOD1	0.569824434	0
RP4-758J18.10	GGCT	0.532181427	0
RP4-758J18.10	ICAM1	0.459236292	0
RP4-758J18.10	PRSS23	0.523040165	0
RP4-758J18.10	CFI	0.583069611	0
RP4-758J18.10	CD55	0.413908265	0
RP4-758J18.10	RASD2	0.566389422	0
RP4-758J18.10	KLK11	0.481677573	7.00E-27
RP4-758J18.10	ICAM5	0.605568668	0
RP4-758J18.10	ADORA1	0.446584278	0
RP4-758J18.10	ITGA2	0.354996638	2.30E-14
RP4-758J18.10	ABCC3	0.407861039	0
RP4-758J18.10	MFGE8	0.555666535	0
RP4-758J18.10	STK32A	0.332578429	1.14E-12
RP4-758J18.10	CYSLTR2	0.481699322	0
RP4-758J18.10	LAD1	0.445469438	0
RP4-758J18.10	MGAT3	0.438082277	0
RP4-758J18.10	IGFBP6	0.697618129	0
RP4-758J18.10	CYP2S1	0.448382773	0
RP4-758J18.10	KCNJ2	0.574212591	0
RP4-758J18.10	FAM20A	0.638010365	0
RP4-758J18.10	TGFA	0.395466885	0
RP4-758J18.10	MXRA8	0.669927266	0
RP4-758J18.10	C8orf4	0.477020115	0
RP4-758J18.10	CLDN10	0.600052906	2.77E-44
RP4-758J18.10	PDE5A	0.374734126	3.36E-16
RP4-758J18.10	APOE	0.531130272	0
RP4-758J18.10	SPOCK2	0.430098974	0
RP4-758J18.10	TENM1	0.458601713	0
RP4-758J18.10	SLIT1	0.442920341	0
RP4-758J18.10	CXCL14	0.541713733	0
RP4-758J18.10	ECM1	0.439642485	0
RP4-758J18.10	DUSP5	0.439272007	0
RP4-758J18.10	SEZ6L2	0.393150401	0
RP4-758J18.10	THRSP	0.203386645	1.83E-05
RP4-758J18.10	C19orf33	0.499040755	0
RP4-758J18.10	MPZL2	0.494433885	0
RP4-758J18.10	CTSH	0.52927717	0
RP4-758J18.10	CYP1B1	0.367619576	1.85E-15
RP4-758J18.10	ALOX5	0.433506611	0
RP4-758J18.10	SYTL5	0.466116828	4.62E-25
RP4-758J18.10	TNFRSF12A	0.519856347	0
RP4-758J18.10	DUSP6	0.500536003	0
RP4-758J18.10	ALOX15B	0.387111544	0
RP4-758J18.10	SDC4	0.573020592	0
RP4-758J18.10	MDK	0.651609	0
RP4-758J18.10	KRT19	0.512501667	0

RP4-758J18.10	MET	0.38008011	5.62E-17
RP4-758J18.10	TESC	0.530828868	0
RP4-758J18.10	CXCL17	0.414768239	1.11E-19
RP4-758J18.10	NPC2	0.548071582	0
RP4-758J18.10	COMP	0.519683873	0
RP4-758J18.10	TUSC3	0.558883118	0
RP4-758J18.10	TMPRSS4	0.50636409	0
RP4-758J18.10	LGALS3	0.530956805	0
RP4-758J18.10	CRLF1	0.520567235	0
RP4-758J18.10	CTXN1	0.649156211	0
RP4-758J18.10	PCSK1N	0.584485429	0
RP4-758J18.10	NMU	0.364537365	3.04E-15
RP4-758J18.10	GALE	0.648455819	0
RP4-758J18.10	PCSK2	0.309755274	4.11E-11
RP4-758J18.10	GJB3	0.499414213	0
RP4-758J18.10	SLPI	0.470806514	0
RP4-758J18.10	AGR2	0.382463399	1.15E-17
RP4-758J18.10	MRC2	0.614126269	0
RP4-758J18.10	GOLT1A	0.576775872	0
RP4-758J18.10	SLC27A6	0.456936632	4.95E-24
RP4-758J18.10	KCNN4	0.625586709	0
RP4-758J18.10	ETV4	0.516808995	2.39E-31
RP4-758J18.10	SYT12	0.564036628	0
RP4-758J18.10	PVRL4	0.4898073	0
RP4-758J18.10	PLCD3	0.467904668	0
RP4-758J18.10	PLAU	0.535301702	0
RP4-758J18.10	LRRK2	0.37988636	6.13E-17
RP4-758J18.10	SFN	0.510857349	0
RP4-758J18.10	LPAR5	0.472863436	0
RP4-758J18.10	NGEF	0.518380532	0
RP4-758J18.10	DTX4	0.400494728	0
RP4-758J18.10	CST6	0.586669154	0
RP4-758J18.10	QPCT	0.548930832	0
RP4-758J18.10	TIMP1	0.675569121	0
RP4-758J18.10	CAMK2N1	0.576449505	0
RP4-758J18.10	KLHDC8A	0.492786589	0
RP4-758J18.10	PDLIM4	0.570096052	0
RP4-758J18.10	SCEL	0.420277178	0
RP4-758J18.10	LCN2	0.384087434	0
RP4-758J18.10	PROS1	0.376800977	1.85E-16
RP4-758J18.10	GABRB2	0.411857584	0
RP4-758J18.10	TMPRSS6	0.552724408	0
RP4-758J18.10	KLK7	0.406909553	6.17E-19
RP4-758J18.10	PDZK1IP1	0.554610558	0
RP4-758J18.10	CDH3	0.581472808	0
RP4-758J18.10	LRP4	0.512759668	0
RP4-758J18.10	IGSF1	0.37056454	9.53E-16
RP4-758J18.10	B3GNT3	0.42775625	0
RP4-758J18.10	CLDN1	0.451180369	0
RP4-758J18.10	GDF15	0.373505533	4.65E-16
RP4-758J18.10	ARHGAP36	0.377722398	2.46E-16

RP4-758J18.10	LAMB3	0.541799828	0
RP4-758J18.10	KLK10	0.49997532	0
RP4-758J18.10	DPP4	0.336742625	5.73E-13
RP4-758J18.10	METTL7B	0.466905851	0
RP4-758J18.10	LIPH	0.474112738	0
RP4-758J18.10	CLDN16	0.403807476	0
RP4-758J18.10	CHI3L1	0.462442521	0
RP4-758J18.10	SLC22A31	0.727049946	2.26E-73
RP4-758J18.10	TACSTD2	0.490131682	0
RP4-758J18.10	SFTPB	0.497167654	0
RP4-758J18.10	RXRG	0.574276702	0
RP4-758J18.10	DCSTAMP	0.367314373	1.81E-15
RP4-758J18.10	CITED1	0.430151028	0
RP4-758J18.10	SERPINA1	0.591512324	0
RP4-758J18.10	PRR15	0.611505403	0
RP4-758J18.10	SLC34A2	0.339435829	3.64E-13
RP4-758J18.10	FN1	0.37997742	5.89E-17
RP4-758J18.10	ZCCHC12	0.457388722	0
LA16c-380H5.5	TFF3	-0.417485965	0
LA16c-380H5.5	CCL21	-0.424635345	1.20E-20
LA16c-380H5.5	TPO	-0.506678969	0
LA16c-380H5.5	MT1G	-0.44916075	0
LA16c-380H5.5	DIO1	-0.498810696	0
LA16c-380H5.5	DPT	-0.42820638	5.30E-21
LA16c-380H5.5	CDH16	-0.436094571	0
LA16c-380H5.5	CRABP1	-0.180927431	0.000138101
LA16c-380H5.5	SLC26A7	-0.357389573	1.47E-14
LA16c-380H5.5	MT1H	-0.432638487	1.89E-21
LA16c-380H5.5	SLC26A4	-0.438380135	0
LA16c-380H5.5	SLC5A8	-0.433483364	1.55E-21
LA16c-380H5.5	PKHD1L1	-0.451170104	2.12E-23
LA16c-380H5.5	TFCP2L1	-0.436502353	0
LA16c-380H5.5	WSCD2	-0.448633912	3.98E-23
LA16c-380H5.5	IPCEF1	-0.504596941	0
LA16c-380H5.5	SLC5A5	-0.445976134	7.66E-23
LA16c-380H5.5	MT1F	-0.444558986	0
LA16c-380H5.5	FOSB	-0.262008499	2.85E-08
LA16c-380H5.5	SEMA3D	-0.505297422	7.94E-30
LA16c-380H5.5	BMP8A	-0.462276997	0
LA16c-380H5.5	MATN2	-0.382338866	1.31E-17
LA16c-380H5.5	PLA2R1	-0.441798977	0
LA16c-380H5.5	COL23A1	-0.364080598	3.91E-15
LA16c-380H5.5	HGD	-0.498797647	0
LA16c-380H5.5	TCEAL2	-0.424334713	0
LA16c-380H5.5	CHRDL1	-0.465927334	4.85E-25
LA16c-380H5.5	TNFRSF11B	-0.513769123	0
LA16c-380H5.5	FAM167A	-0.413904152	0
LA16c-380H5.5	KIT	-0.428998743	0
LA16c-380H5.5	SLC4A4	-0.450723369	0
LA16c-380H5.5	SMOC2	-0.442448166	0
LA16c-380H5.5	FHL1	-0.485925501	0

LA16c-380H5.5	OTOS	-0.498970404	0
LA16c-380H5.5	IGFBPL1	-0.433735314	1.46E-21
LA16c-380H5.5	HBB	-0.295124207	3.47E-10
LA16c-380H5.5	BEX1	-0.252787525	8.79E-08
LA16c-380H5.5	FABP4	-0.320867692	5.71E-12
LA16c-380H5.5	LMOD1	-0.430496543	0
LA16c-380H5.5	SOD3	-0.503114034	0
LA16c-380H5.5	TMEM171	-0.388301699	0
LA16c-380H5.5	PI16	-0.333915386	9.18E-13
LA16c-380H5.5	ZMAT4	-0.550248125	4.13E-36
LA16c-380H5.5	MFAP4	-0.273097042	6.93E-09
LA16c-380H5.5	CWH43	-0.393843857	9.69E-18
LA16c-380H5.5	SPX	-0.357050866	1.56E-14
LA16c-380H5.5	APOD	-0.303850027	9.86E-11
LA16c-380H5.5	DPP6	-0.440030126	0
LA16c-380H5.5	MMRN1	-0.390999583	0
LA16c-380H5.5	WDR72	-0.301189872	1.45E-10
LA16c-380H5.5	MPPED2	-0.46232281	0
LA16c-380H5.5	PAPSS2	-0.515714136	0
LA16c-380H5.5	DCN	-0.346364714	1.10E-13
LA16c-380H5.5	SORBS2	-0.475184885	0
LA16c-380H5.5	EGR2	-0.151626021	0.001456722
LA16c-380H5.5	EDN3	-0.351666161	3.17E-14
LA16c-380H5.5	DIO2	-0.326041439	3.30E-12
LA16c-380H5.5	ITPR1	-0.607704167	0
LA16c-380H5.5	CFD	-0.343307415	1.88E-13
LA16c-380H5.5	CPXM1	-0.427888584	0
LA16c-380H5.5	ELMO1	-0.611337184	0
LA16c-380H5.5	GPC3	-0.434570121	1.20E-21
LA16c-380H5.5	MYOC	-0.144703572	0.002371732
LA16c-380H5.5	DEPTOR	-0.459487628	0
LA16c-380H5.5	DGKI	-0.448692545	0
LA16c-380H5.5	CARTPT	-0.433199654	1.65E-21
LA16c-380H5.5	IYD	-0.263219788	2.45E-08
LA16c-380H5.5	LYVE1	-0.401769986	0
LA16c-380H5.5	CLCNKB	-0.352419741	3.71E-14
LA16c-380H5.5	NCAM1	-0.504053422	0
LA16c-380H5.5	HBA2	-0.260891106	3.27E-08
LA16c-380H5.5	GLT8D2	-0.486149746	0
LA16c-380H5.5	OGDHL	-0.303305514	1.07E-10
LA16c-380H5.5	LIFR	-0.40574412	0
LA16c-380H5.5	CSGALNACT1	-0.370586099	9.48E-16
LA16c-380H5.5	RAP1GAP	-0.172704295	0.000282865
LA16c-380H5.5	COL9A3	-0.35478672	2.39E-14
LA16c-380H5.5	FBLN1	-0.366850393	2.18E-15
LA16c-380H5.5	EFEMP1	-0.501614532	0
LA16c-380H5.5	AOX1	-0.534615229	8.11E-34
LA16c-380H5.5	GRIN2C	-0.475759467	0
LA16c-380H5.5	C11orf74	-0.364983107	3.24E-15
LA16c-380H5.5	PPARGC1A	-0.400004255	0
LA16c-380H5.5	ANGPTL1	-0.36874789	1.44E-15

LA16c-380H5.5	SCARA5	-0.392883235	1.18E-17
LA16c-380H5.5	LTF	-0.450636849	0
LA16c-380H5.5	CA4	-0.253765086	7.03E-08
LA16c-380H5.5	TG	-0.229713319	1.23E-06
LA16c-380H5.5	FCGBP	-0.370087258	1.06E-15
LA16c-380H5.5	PBX4	-0.404670129	0
LA16c-380H5.5	CYR61	-0.250618552	1.14E-07
LA16c-380H5.5	FOS	-0.315412874	1.74E-11
LA16c-380H5.5	KHDRBS2	-0.438414885	0
LA16c-380H5.5	MUM1L1	-0.421115719	0
LA16c-380H5.5	RGS16	-0.441542252	0
LA16c-380H5.5	MT1M	-0.420321573	0
LA16c-380H5.5	LRP2	-0.416146597	0
LA16c-380H5.5	MAFB	-0.531539897	0
LA16c-380H5.5	KCNK2	-0.414071945	0
LA16c-380H5.5	TBC1D4	-0.500374308	0
LA16c-380H5.5	MIOX	-0.45124024	2.08E-23
LA16c-380H5.5	TPPP	-0.344166239	1.62E-13
LA16c-380H5.5	FMOD	-0.530965315	0
LA16c-380H5.5	CITED2	-0.382388083	1.25E-17
LA16c-380H5.5	RGS8	-0.428522809	4.92E-21
LA16c-380H5.5	ABI3BP	-0.36781602	1.77E-15
LA16c-380H5.5	ADH1B	-0.372628443	6.59E-16
LA16c-380H5.5	OGN	-0.365141551	2.72E-15
LA16c-380H5.5	NR4A1	-0.275713086	4.92E-09
LA16c-380H5.5	FOXJ1	-0.357535116	1.10E-14
LA16c-380H5.5	ALDH1A1	-0.354105901	2.72E-14
LA16c-380H5.5	OCA2	-0.383480237	7.91E-17
LA16c-380H5.5	TMEM139	-0.310089301	3.91E-11
LA16c-380H5.5	ARHGAP24	-0.534066159	0
LA16c-380H5.5	SLC25A15	-0.415183665	0
LA16c-380H5.5	DES	-0.311780365	2.37E-11
LA16c-380H5.5	GDF10	-0.501580543	2.39E-29
LA16c-380H5.5	KIAA1324	-0.572210418	0
LA16c-380H5.5	JUN	-0.27322583	6.82E-09
LA16c-380H5.5	C7	-0.278392531	3.45E-09
LA16c-380H5.5	LGI3	-0.45781863	0
LA16c-380H5.5	CDON	-0.488681964	0
LA16c-380H5.5	BCL2	-0.418642222	0
LA16c-380H5.5	HLF	-0.467949205	0
LA16c-380H5.5	EGR1	-0.215268342	5.62E-06
LA16c-380H5.5	IP6K3	-0.339223073	3.77E-13
LA16c-380H5.5	SCUBE3	-0.391349637	0
LA16c-380H5.5	PKNOX2	-0.440973059	0
LA16c-380H5.5	SMAD9	-0.430740787	0
LA16c-380H5.5	IQGAP2	-0.458597458	0
LA16c-380H5.5	GNA14	-0.474678384	0
LA16c-380H5.5	LAYN	-0.4441339	0
LA16c-380H5.5	AVPR1A	-0.419641322	0
LA16c-380H5.5	PDLIM3	-0.513278225	0
LA16c-380H5.5	GPM6A	-0.295353557	3.36E-10

LA16c-380H5.5	SDPR	-0.263601472	2.33E-08
LA16c-380H5.5	CRYAB	-0.154589708	0.001170553
LA16c-380H5.5	FOXA2	-0.448240833	4.39E-23
LA16c-380H5.5	C8orf88	-0.397243963	0
LA16c-380H5.5	ISM1	-0.56080572	0
LA16c-380H5.5	BMP2	-0.351381919	4.48E-14
LA16c-380H5.5	ID4	-0.408862693	0
LA16c-380H5.5	NUPR1	-0.300611602	1.58E-10
LA16c-380H5.5	SERTM1	-0.427589584	6.11E-21
LA16c-380H5.5	IRS1	-0.465076152	0
LA16c-380H5.5	FIBIN	-0.396359892	0
LA16c-380H5.5	PODN	-0.349726396	6.05E-14
LA16c-380H5.5	TDRD9	-0.299471231	1.86E-10
LA16c-380H5.5	EPHA3	-0.427498957	0
LA16c-380H5.5	AIF1L	-0.196428683	3.53E-05
LA16c-380H5.5	EBF4	-0.464422992	0
LA16c-380H5.5	ADM2	-0.477280954	0
LA16c-380H5.5	GSTM3	-0.349142027	6.71E-14
LA16c-380H5.5	HSD17B6	-0.341997549	2.35E-13
LA16c-380H5.5	AGR3	-0.251843218	8.89E-08
LA16c-380H5.5	EPHB1	-0.259741091	3.77E-08
LA16c-380H5.5	TMOD1	-0.440136362	0
LA16c-380H5.5	WASF3	-0.414481855	0
LA16c-380H5.5	SELV	-0.505530363	7.41E-30
LA16c-380H5.5	ENPP1	-0.224647889	2.12E-06
LA16c-380H5.5	SYNE1	-0.529273501	4.63E-33
LA16c-380H5.5	PLCH1	-0.525526996	0
LA16c-380H5.5	CCDC146	-0.479677718	0
LA16c-380H5.5	SLC16A2	-0.531164596	0
LA16c-380H5.5	IER2	-0.321039269	7.29E-12
LA16c-380H5.5	KCNAB1	-0.406159987	0
LA16c-380H5.5	SYNDIG1	-0.514448381	0
LA16c-380H5.5	C16orf89	-0.326547089	3.05E-12
LA16c-380H5.5	CTGF	-0.23531546	6.63E-07
LA16c-380H5.5	NR4A3	-0.258806667	4.23E-08
LA16c-380H5.5	KIAA1456	-0.301430002	1.40E-10
LA16c-380H5.5	AQP4	-0.420657727	0
LA16c-380H5.5	RNF150	-0.546990216	0
LA16c-380H5.5	C1S	-0.37140223	7.82E-16
LA16c-380H5.5	PFKFB2	-0.302597038	1.18E-10
LA16c-380H5.5	PROX1	-0.426584108	0
LA16c-380H5.5	TCF7L1	-0.518776258	0
LA16c-380H5.5	HSPB6	-0.293446841	4.40E-10
LA16c-380H5.5	FHDC1	-0.28825929	9.07E-10
LA16c-380H5.5	PRR15L	-0.278246156	3.52E-09
LA16c-380H5.5	SLC1A1	-0.394514165	0
LA16c-380H5.5	BTBD11	-0.380881206	3.79E-17
LA16c-380H5.5	TRIM58	-0.420238882	0
LA16c-380H5.5	LRIG1	-0.476461986	0
LA16c-380H5.5	ROR2	-0.442908285	0
LA16c-380H5.5	GPR125	-0.441023979	0

LA16c-380H5.5	FLRT1	-0.43474414	0
LA16c-380H5.5	PGF	-0.37618668	2.23E-16
LA16c-380H5.5	DUSP1	-0.302732776	1.16E-10
LA16c-380H5.5	PLA2G7	-0.404775656	0
LA16c-380H5.5	PLSCR4	-0.37223836	6.39E-16
LA16c-380H5.5	FAM46B	-0.337265437	5.25E-13
LA16c-380H5.5	GLDC	-0.469242193	0
LA16c-380H5.5	ZBTB16	-0.321359395	6.93E-12
LA16c-380H5.5	OMD	-0.349399591	4.74E-14
LA16c-380H5.5	HSD11B2	-0.314422	2.03E-11
LA16c-380H5.5	FGL2	-0.435753737	0
LA16c-380H5.5	CLCNKA	-0.422280075	2.06E-20
LA16c-380H5.5	GATM	-0.186047907	9.05E-05
LA16c-380H5.5	TNS3	-0.45157113	0
LA16c-380H5.5	TOB1	-0.415409044	0
LA16c-380H5.5	MARC2	-0.35178502	4.16E-14
LA16c-380H5.5	LRRC2	-0.382149088	1.58E-17
LA16c-380H5.5	SORD	-0.100693442	0.034971949
LA16c-380H5.5	RIMS4	-0.280723625	2.53E-09
LA16c-380H5.5	SLC29A4	-0.483297401	0
LA16c-380H5.5	SLC39A14	-0.345944876	1.18E-13
LA16c-380H5.5	FAXDC2	-0.403953285	0
LA16c-380H5.5	HSPB8	-0.334956896	7.72E-13
LA16c-380H5.5	CCL19	-0.238577525	4.24E-07
LA16c-380H5.5	KCNIP3	-0.39966186	0
LA16c-380H5.5	CGNL1	-0.369728836	1.16E-15
LA16c-380H5.5	ATF3	-0.143488115	0.002604536
LA16c-380H5.5	SGCD	-0.450922934	0
LA16c-380H5.5	STARD13	-0.479213768	0
LA16c-380H5.5	LDHD	-0.314498024	2.00E-11
LA16c-380H5.5	RCAN1	-0.333367327	1.00E-12
LA16c-380H5.5	ID3	-0.464410369	0
LA16c-380H5.5	SYTL3	-0.340684137	2.94E-13
LA16c-380H5.5	MT1E	-0.314157615	2.11E-11
LA16c-380H5.5	CAMK1D	-0.422734081	0
LA16c-380H5.5	PRKCQ	-0.319044613	9.95E-12
LA16c-380H5.5	NUAK2	-0.41064899	0
LA16c-380H5.5	LIPG	-0.230969854	1.07E-06
LA16c-380H5.5	SLC25A25	-0.279731332	2.89E-09
LA16c-380H5.5	PRKX	-0.16339368	0.00059763
LA16c-380H5.5	SRPX	-0.409676555	0
LA16c-380H5.5	FAM189A1	-0.31278449	2.60E-11
LA16c-380H5.5	PLEKHH1	-0.329128666	2.01E-12
LA16c-380H5.5	WNT11	-0.414605395	0
LA16c-380H5.5	SNAI1	-0.445918069	0
LA16c-380H5.5	FDCSP	-0.231599284	9.32E-07
LA16c-380H5.5	MT1X	-0.2208502	3.16E-06
LA16c-380H5.5	ACACB	-0.460244754	0
LA16c-380H5.5	ARC	-0.069557638	0.145620955
LA16c-380H5.5	KLK4	-0.306791286	5.07E-11
LA16c-380H5.5	ZFPM2	-0.438550056	0

LA16c-380H5.5	AKAP12	-0.259937677	3.68E-08
LA16c-380H5.5	GJB6	-0.253611919	7.17E-08
LA16c-380H5.5	ERO1LB	-0.420396605	0
LA16c-380H5.5	DNALI1	-0.439138254	0
LA16c-380H5.5	HKDC1	-0.407265891	0
LA16c-380H5.5	ZFP36L2	-0.344560972	1.51E-13
LA16c-380H5.5	CAPSL	-0.423102532	1.71E-20
LA16c-380H5.5	CYP7B1	-0.434789953	0
LA16c-380H5.5	CPQ	-0.414831767	0
LA16c-380H5.5	RPS6KA6	-0.335961966	4.82E-13
LA16c-380H5.5	TLE1	-0.492923604	0
LA16c-380H5.5	TP53INP2	-0.417318456	0
LA16c-380H5.5	KATNAL2	-0.386896377	0
LA16c-380H5.5	SGPP2	-0.374272305	3.80E-16
LA16c-380H5.5	CTH	-0.478502739	0
LA16c-380H5.5	KIF12	-0.224559383	2.14E-06
LA16c-380H5.5	TMEM220	-0.373148671	5.09E-16
LA16c-380H5.5	CENPJ	-0.506328205	0
LA16c-380H5.5	FAM155B	-0.397580259	0
LA16c-380H5.5	WFS1	-0.451692826	0
LA16c-380H5.5	SELENBP1	-0.358047413	1.29E-14
LA16c-380H5.5	SNTA1	-0.279724808	2.89E-09
LA16c-380H5.5	FRAS1	-0.27974041	2.89E-09
LA16c-380H5.5	FBLN7	-0.501440214	0
LA16c-380H5.5	AGPAT9	-0.264091803	2.19E-08
LA16c-380H5.5	GPR83	-0.341815856	2.43E-13
LA16c-380H5.5	PRTG	-0.257481058	4.98E-08
LA16c-380H5.5	EGR3	-0.17626157	0.000210404
LA16c-380H5.5	GRAMD2	-0.433529021	0
LA16c-380H5.5	HYOU1	-0.480345203	0
LA16c-380H5.5	FBLN5	-0.405130107	0
LA16c-380H5.5	ITM2A	-0.345769849	1.22E-13
LA16c-380H5.5	SRF	-0.366326447	2.44E-15
LA16c-380H5.5	FGFR2	-0.147863791	0.001912404
LA16c-380H5.5	MT1A	-0.332537521	8.55E-13
LA16c-380H5.5	MAMDC2	-0.349630231	6.15E-14
LA16c-380H5.5	FHL2	-0.488913301	0
LA16c-380H5.5	FTCDNL1	-0.261668941	2.97E-08
LA16c-380H5.5	PKIA	-0.178580466	0.000172962
LA16c-380H5.5	DNAJB4	-0.224587892	2.13E-06
LA16c-380H5.5	SLC25A33	-0.453446926	0
LA16c-380H5.5	EYA2	-0.292193142	5.24E-10
LA16c-380H5.5	LPAR1	-0.412276571	0
LA16c-380H5.5	STX11	-0.383370731	1.01E-18
LA16c-380H5.5	ARHGEF28	-0.394318856	0
LA16c-380H5.5	OR2W3	-0.421805473	0
LA16c-380H5.5	ALDH1B1	-0.39170013	1.51E-17
LA16c-380H5.5	CXCL12	-0.400241265	0
LA16c-380H5.5	OLFM2	-0.49005665	0
LA16c-380H5.5	TUB	-0.180124788	0.000151598
LA16c-380H5.5	HTRA3	-0.347677984	8.72E-14

LA16c-380H5.5	CKB	-0.3392591	3.75E-13
LA16c-380H5.5	RGS2	-0.304098384	9.51E-11
LA16c-380H5.5	SHANK2	-0.447766491	0
LA16c-380H5.5	CNTFR	-0.385709807	5.07E-17
LA16c-380H5.5	CYTH3	-0.408529376	0
LA16c-380H5.5	PLAC9	-0.278722303	3.30E-09
LA16c-380H5.5	WVOX	-0.348604181	7.39E-14
LA16c-380H5.5	NPR3	-0.377561791	1.46E-16
LA16c-380H5.5	SDC2	-0.285544243	1.32E-09
LA16c-380H5.5	KLF15	-0.306155731	7.02E-11
LA16c-380H5.5	TMEM164	-0.56671196	0
LA16c-380H5.5	LONRF3	-0.223652476	2.36E-06
LA16c-380H5.5	GBP1	-0.309674994	4.16E-11
LA16c-380H5.5	ARHGAP6	-0.275181055	5.28E-09
LA16c-380H5.5	TMEM119	-0.35875433	1.13E-14
LA16c-380H5.5	SH3RF1	-0.257997487	4.67E-08
LA16c-380H5.5	CRELD2	-0.449702284	0
LA16c-380H5.5	PCP4	-0.085353614	0.07402371
LA16c-380H5.5	GCSH	-0.311472638	3.17E-11
LA16c-380H5.5	IMPA2	-0.261823827	2.91E-08
LA16c-380H5.5	C1R	-0.366929396	2.15E-15
LA16c-380H5.5	SUCNR1	-0.359927039	8.98E-15
LA16c-380H5.5	SFRP1	-0.371315426	7.98E-16
LA16c-380H5.5	UGT8	-0.363655228	4.26E-15
LA16c-380H5.5	TLE4	-0.434650244	0
LA16c-380H5.5	ANTXR1	-0.47072666	0
LA16c-380H5.5	GPX3	-0.310690265	3.57E-11
LA16c-380H5.5	DPY19L2	-0.418948732	0
LA16c-380H5.5	FAM46C	-0.39133517	0
LA16c-380H5.5	IL33	-0.399736339	2.84E-18
LA16c-380H5.5	PEG3	-0.357427869	1.46E-14
LA16c-380H5.5	FAHD2A	-0.339132581	3.83E-13
LA16c-380H5.5	PTGDS	-0.179705801	0.000157135
LA16c-380H5.5	CHCHD10	-0.261014504	3.22E-08
LA16c-380H5.5	CD36	-0.363392829	4.50E-15
LA16c-380H5.5	ANKRD37	-0.396100614	0
LA16c-380H5.5	TSPAN33	-0.498875232	0
LA16c-380H5.5	PRDM16	-0.328941157	2.07E-12
LA16c-380H5.5	UST	-0.318747181	1.04E-11
LA16c-380H5.5	NEXN	-0.472001776	0
LA16c-380H5.5	NUPR1L	-0.094656178	0.04747198
LA16c-380H5.5	SLC24A3	-0.554109589	0
LA16c-380H5.5	MARC1	-0.347088509	9.68E-14
LA16c-380H5.5	MYH11	-0.306018291	7.16E-11
LA16c-380H5.5	APOA1	-0.429905665	3.57E-21
LA16c-380H5.5	TMEM178B	-0.500109498	0
LA16c-380H5.5	CAPN6	-0.410829131	2.64E-19
LA16c-380H5.5	PPM1L	-0.496053665	0
LA16c-380H5.5	FZD8	-0.511000888	0
LA16c-380H5.5	RCAN2	-0.538340988	0
LA16c-380H5.5	COPZ2	-0.397209354	0

LA16c-380H5.5	GAS1	-0.394279425	0
LA16c-380H5.5	DACT1	-0.557266316	0
LA16c-380H5.5	WBSCR17	-0.402448251	0
LA16c-380H5.5	NCS1	-0.248078532	1.54E-07
LA16c-380H5.5	SPIRE2	-0.362832005	5.04E-15
LA16c-380H5.5	C15orf52	-0.468457975	0
LA16c-380H5.5	SPAG5	-0.58807249	0
LA16c-380H5.5	ARL4D	-0.456968742	0
LA16c-380H5.5	FAM189A2	-0.145266044	0.0022996
LA16c-380H5.5	MAP1LC3A	-0.323835021	4.69E-12
LA16c-380H5.5	KLF6	-0.124353294	0.009138662
LA16c-380H5.5	ADD3	-0.295645175	3.22E-10
LA16c-380H5.5	TSPAN7	-0.232273195	9.29E-07
LA16c-380H5.5	KLF9	-0.289242788	7.91E-10
LA16c-380H5.5	KCNQ1	-0.290904268	6.28E-10
LA16c-380H5.5	MAN1A1	-0.457270146	0
LA16c-380H5.5	MLF1	-0.13498654	0.004636891
LA16c-380H5.5	RARB	-0.488713027	0
LA16c-380H5.5	CDC42EP2	-0.344947336	1.41E-13
LA16c-380H5.5	FAM3B	-0.222868401	2.56E-06
LA16c-380H5.5	GADD45B	-0.308929498	4.65E-11
LA16c-380H5.5	TMEM47	-0.357539069	1.42E-14
LA16c-380H5.5	SDF2L1	-0.350274597	5.48E-14
LA16c-380H5.5	CCDC85A	-0.350004822	5.75E-14
LA16c-380H5.5	CRYBG3	-0.221156994	3.06E-06
LA16c-380H5.5	FBLN2	-0.278781449	3.28E-09
LA16c-380H5.5	PEBP4	-0.134258064	0.004864878
LA16c-380H5.5	CDADC1	-0.376949197	1.77E-16
LA16c-380H5.5	FAM63A	-0.388764939	0
LA16c-380H5.5	GLUL	-0.417206972	0
LA16c-380H5.5	FREM2	-0.318993836	1.00E-11
LA16c-380H5.5	ACKR3	-0.371972699	6.81E-16
LA16c-380H5.5	DENND6A	-0.450756701	0
LA16c-380H5.5	CLDN8	-0.061497743	0.198338635
LA16c-380H5.5	UTS2R	-0.18417177	0.000103996
LA16c-380H5.5	SCNN1B	-0.203954136	1.73E-05
LA16c-380H5.5	TTC30A	-0.440901999	0
LA16c-380H5.5	CORO2B	-0.431195233	0
LA16c-380H5.5	TC2N	-0.387628682	0
LA16c-380H5.5	ALDH2	-0.514297892	0
LA16c-380H5.5	GPR183	-0.249620586	1.28E-07
LA16c-380H5.5	C4orf47	-0.365562796	2.87E-15
LA16c-380H5.5	SLC25A42	-0.322925136	5.42E-12
LA16c-380H5.5	LGMN	-0.475457354	0
LA16c-380H5.5	ACSF2	-0.35647444	1.74E-14
LA16c-380H5.5	KIAA1467	-0.335404959	7.17E-13
LA16c-380H5.5	PRKG1	-0.450513025	0
LA16c-380H5.5	GNAI1	-0.485301844	0
LA16c-380H5.5	ABCC4	-0.500944919	0
LA16c-380H5.5	PRPS1	-0.434067719	0
LA16c-380H5.5	TSPAN5	-0.380023375	5.77E-17

LA16c-380H5.5	CR2	-0.296870548	2.21E-10
LA16c-380H5.5	CCDC170	-0.399296772	0
LA16c-380H5.5	RRAD	-0.261628234	2.98E-08
LA16c-380H5.5	SCGB2A1	-0.302512219	1.20E-10
LA16c-380H5.5	SESN3	-0.477823906	0
LA16c-380H5.5	SGK223	-0.295876511	3.12E-10
LA16c-380H5.5	NDRG2	-0.460986704	0
LA16c-380H5.5	C3orf52	-0.404382342	0
LA16c-380H5.5	FLRT3	0.146143448	0.002161464
LA16c-380H5.5	MST1R	0.344466082	1.53E-13
LA16c-380H5.5	SDC1	0.192677374	4.99E-05
LA16c-380H5.5	ST8SIA4	0.231571527	1.00E-06
LA16c-380H5.5	UBTD1	0.460927133	0
LA16c-380H5.5	EPHA2	0.339905168	3.36E-13
LA16c-380H5.5	TMEM130	0.293563005	4.33E-10
LA16c-380H5.5	SPINK2	0.358673766	1.15E-14
LA16c-380H5.5	MMP16	0.257042923	5.25E-08
LA16c-380H5.5	SIGLEC15	0.406616702	0
LA16c-380H5.5	RIN1	0.417290372	0
LA16c-380H5.5	IL1RN	0.322305165	5.97E-12
LA16c-380H5.5	FCER1G	0.016176099	0.735276311
LA16c-380H5.5	CD276	0.323026833	5.33E-12
LA16c-380H5.5	CTSB	0.550880241	0
LA16c-380H5.5	FAM171A2	0.433345768	0
LA16c-380H5.5	ASPHD1	0.450124675	0
LA16c-380H5.5	C15orf48	0.15549321	0.001094221
LA16c-380H5.5	DYSF	0.209323664	1.02E-05
LA16c-380H5.5	PDZRN4	0.140245293	0.003257273
LA16c-380H5.5	EFHD2	0.130991839	0.006016438
LA16c-380H5.5	ASF1B	0.254485316	7.16E-08
LA16c-380H5.5	AQP1	0.211828224	7.96E-06
LA16c-380H5.5	ARRDC2	0.442591279	0
LA16c-380H5.5	PRSS1	0.432631233	1.89E-21
LA16c-380H5.5	MAPK13	0.308293784	5.11E-11
LA16c-380H5.5	CST5	0.351631315	3.19E-14
LA16c-380H5.5	AHR	0.2878864	9.55E-10
LA16c-380H5.5	BAX	0.25880071	4.23E-08
LA16c-380H5.5	C1orf115	0.490648252	0
LA16c-380H5.5	PLK3	0.344558418	1.51E-13
LA16c-380H5.5	JAG2	0.308770783	4.76E-11
LA16c-380H5.5	RAD23B	0.594291481	0
LA16c-380H5.5	CA12	-0.043625556	0.361687311
LA16c-380H5.5	ADTRP	0.502244714	0
LA16c-380H5.5	UCP2	0.448925442	0
LA16c-380H5.5	IGFBP2	0.306870874	6.32E-11
LA16c-380H5.5	LOXL2	0.125121767	0.008715179
LA16c-380H5.5	GPX1	0.263061356	2.50E-08
LA16c-380H5.5	P3H3	0.372623022	5.81E-16
LA16c-380H5.5	C2orf81	0.459183529	0
LA16c-380H5.5	CDT1	0.423013926	0
LA16c-380H5.5	SNX25	0.181540748	0.000134211

LA16c-380H5.5	MTHFD1L	0.384508549	0
LA16c-380H5.5	CDC42BPG	0.46711522	3.55E-25
LA16c-380H5.5	MSN	0.526263131	0
LA16c-380H5.5	SIGLEC6	0.354509731	1.91E-14
LA16c-380H5.5	F2R	0.023658859	0.620918007
LA16c-380H5.5	TMEM184A	0.450867192	0
LA16c-380H5.5	CKS2	0.180181381	0.000150864
LA16c-380H5.5	TAX1BP3	0.421389607	0
LA16c-380H5.5	PMEP A1	0.325148007	3.81E-12
LA16c-380H5.5	CXCL16	0.275454943	5.09E-09
LA16c-380H5.5	FAXC	0.363879898	4.07E-15
LA16c-380H5.5	VTCN1	0.302460506	9.71E-11
LA16c-380H5.5	SH2D4A	0.354952243	2.32E-14
LA16c-380H5.5	RNF24	0.438453465	0
LA16c-380H5.5	LY6G6C	0.49792361	6.98E-29
LA16c-380H5.5	NID1	0.114837866	0.016115159
LA16c-380H5.5	STAC	0.340149979	3.22E-13
LA16c-380H5.5	RAB34	0.54066967	0
LA16c-380H5.5	HES4	0.311841131	3.00E-11
LA16c-380H5.5	EPHA10	0.547211766	0
LA16c-380H5.5	ENTPD2	0.533377397	0
LA16c-380H5.5	DDB2	0.380972833	3.60E-17
LA16c-380H5.5	NKAIN4	0.136410726	0.004218838
LA16c-380H5.5	TRIM29	0.355311091	2.17E-14
LA16c-380H5.5	ADCY8	0.420537962	3.06E-20
LA16c-380H5.5	SFTA2	0.327669729	2.54E-12
LA16c-380H5.5	NRIP1	0.32192646	6.34E-12
LA16c-380H5.5	VWA1	0.148432274	0.001836068
LA16c-380H5.5	APLNR	0.163993935	0.000570152
LA16c-380H5.5	REN	0.459772479	2.40E-24
LA16c-380H5.5	EDIL3	0.105176488	0.02759793
LA16c-380H5.5	AGRN	0.399398043	0
LA16c-380H5.5	TREM1	0.14678129	0.002065854
LA16c-380H5.5	SRL	0.213299075	6.87E-06
LA16c-380H5.5	RASGRF1	0.399761146	0
LA16c-380H5.5	RMI2	0.40412817	0
LA16c-380H5.5	SAMD1	0.4376023	0
LA16c-380H5.5	MGAT4B	0.591293895	0
LA16c-380H5.5	NXN	0.290508685	6.64E-10
LA16c-380H5.5	SH3BGRL3	0.294159856	3.98E-10
LA16c-380H5.5	CA11	0.445400364	0
LA16c-380H5.5	PLD3	0.289691277	7.44E-10
LA16c-380H5.5	LURAP1L	0.349550093	6.24E-14
LA16c-380H5.5	CARNS1	0.495792543	0
LA16c-380H5.5	PDLIM7	0.275989952	4.75E-09
LA16c-380H5.5	BCL2L1	0.323402843	5.02E-12
LA16c-380H5.5	GGT6	0.496848379	0
LA16c-380H5.5	DPYSL3	0.043400318	0.364173192
LA16c-380H5.5	FYN	0.366346871	2.43E-15
LA16c-380H5.5	TK1	0.197552458	3.18E-05
LA16c-380H5.5	AK1	0.290868809	6.31E-10

LA16c-380H5.5	HIGD1B	0.26393408	2.24E-08
LA16c-380H5.5	TMEM59L	0.247476008	1.65E-07
LA16c-380H5.5	MEGF9	0.442637376	0
LA16c-380H5.5	ZFP36L1	0.252710224	8.87E-08
LA16c-380H5.5	ADRA1B	0.336981337	5.51E-13
LA16c-380H5.5	EPHA4	0.26329638	2.42E-08
LA16c-380H5.5	TCERG1L	0.273330081	6.72E-09
LA16c-380H5.5	NGFR	0.379490209	7.25E-17
LA16c-380H5.5	EBI3	0.29589651	3.11E-10
LA16c-380H5.5	S100A10	0.144688199	0.002394929
LA16c-380H5.5	S100B	0.129346102	0.00668485
LA16c-380H5.5	CD44	0.282867351	1.89E-09
LA16c-380H5.5	BHLHE41	0.602028129	0
LA16c-380H5.5	FBXO2	0.373637725	4.49E-16
LA16c-380H5.5	SLC30A2	0.291395025	5.86E-10
LA16c-380H5.5	FRMD5	0.350933572	4.86E-14
LA16c-380H5.5	SAMD11	0.451496382	0
LA16c-380H5.5	SIPA1L2	0.33221717	1.21E-12
LA16c-380H5.5	S100A16	0.399314643	0
LA16c-380H5.5	PPL	0.480452574	0
LA16c-380H5.5	ARHGDIB	0.049312374	0.302464627
LA16c-380H5.5	CDC42EP3	0.210718916	8.90E-06
LA16c-380H5.5	RUNX2	0.29865042	2.10E-10
LA16c-380H5.5	LAMC2	0.348325755	7.77E-14
LA16c-380H5.5	BRINP1	0.499440594	0
LA16c-380H5.5	GPRC5B	0.599283439	0
LA16c-380H5.5	AQP5	0.116897199	0.014298617
LA16c-380H5.5	PLAG1	0.479163558	0
LA16c-380H5.5	PTPRU	0.35665131	1.69E-14
LA16c-380H5.5	ANGPTL4	0.293610379	4.30E-10
LA16c-380H5.5	PALM3	0.556537841	0
LA16c-380H5.5	ACP5	0.109547625	0.021737547
LA16c-380H5.5	DLG4	0.406713293	0
LA16c-380H5.5	ETNK2	0.531680174	0
LA16c-380H5.5	CD109	0.289961903	7.16E-10
LA16c-380H5.5	SNX22	0.409176721	0
LA16c-380H5.5	TMEM98	0.568990432	0
LA16c-380H5.5	CTHRC1	0.091477149	0.055488707
LA16c-380H5.5	S100A2	0.299138481	1.95E-10
LA16c-380H5.5	C11orf80	0.545980903	0
LA16c-380H5.5	SREBF1	0.212329902	7.57E-06
LA16c-380H5.5	PRSS22	0.528694786	0
LA16c-380H5.5	CMTM3	0.21774964	4.36E-06
LA16c-380H5.5	RDH5	0.627431869	0
LA16c-380H5.5	MYH10	0.227274287	1.60E-06
LA16c-380H5.5	EVPL	0.453792158	0
LA16c-380H5.5	SCD	0.212057575	7.78E-06
LA16c-380H5.5	CD151	0.453211193	0
LA16c-380H5.5	S100A4	0.242897364	2.81E-07
LA16c-380H5.5	BNIP1	0.531269556	0
LA16c-380H5.5	MAP3K6	0.418269757	0

LA16c-380H5.5	MANEAL	0.463915925	0
LA16c-380H5.5	CD207	0.244339028	2.18E-07
LA16c-380H5.5	CD1A	0.210148904	8.99E-06
LA16c-380H5.5	C3	0.104736935	0.028256302
LA16c-380H5.5	NT5E	0.152410097	0.001375333
LA16c-380H5.5	CACNG4	0.350811841	3.69E-14
LA16c-380H5.5	FHOD1	0.433731139	0
LA16c-380H5.5	LEMD1	0.407607435	0
LA16c-380H5.5	ATP11A	0.048506171	0.310444915
LA16c-380H5.5	PPAP2C	0.331312249	1.41E-12
LA16c-380H5.5	DRAM1	0.261613766	2.99E-08
LA16c-380H5.5	CDA	0.217841125	4.32E-06
LA16c-380H5.5	CCND2	0.42762576	0
LA16c-380H5.5	LCN6	0.382591704	9.44E-17
LA16c-380H5.5	CDH4	0.438924364	0
LA16c-380H5.5	MMP11	0.233587175	8.04E-07
LA16c-380H5.5	B3GAT1	0.504663038	0
LA16c-380H5.5	SPP1	0.17063404	0.00033516
LA16c-380H5.5	HLA-DQB1	0.126710201	0.007894858
LA16c-380H5.5	SDC3	0.329656442	1.84E-12
LA16c-380H5.5	CX3CL1	0.221098415	3.08E-06
LA16c-380H5.5	SDK1	0.264573623	2.06E-08
LA16c-380H5.5	DOCK9	0.438489349	0
LA16c-380H5.5	CSF2	0.303995576	7.73E-11
LA16c-380H5.5	GRHL3	0.353716275	2.92E-14
LA16c-380H5.5	TMEM92	0.406058975	7.41E-19
LA16c-380H5.5	BASP1	0.327891705	2.45E-12
LA16c-380H5.5	HRH1	0.355453638	2.11E-14
LA16c-380H5.5	ESM1	0.055867093	0.242653351
LA16c-380H5.5	B4GALNT3	0.48704488	0
LA16c-380H5.5	LMO3	0.276827075	4.25E-09
LA16c-380H5.5	C9orf16	0.437040058	0
LA16c-380H5.5	SEMA3F	0.31660076	1.45E-11
LA16c-380H5.5	PLA2G12B	0.400815436	2.26E-18
LA16c-380H5.5	KLK6	0.480337087	1.01E-26
LA16c-380H5.5	ST3GAL5	0.399959718	0
LA16c-380H5.5	FAM132B	0.342585748	2.12E-13
LA16c-380H5.5	CDKN1A	0.193508824	4.62E-05
LA16c-380H5.5	E2F1	0.429249228	0
LA16c-380H5.5	B3GNT8	0.332651759	1.13E-12
LA16c-380H5.5	MTMR11	0.302652213	1.17E-10
LA16c-380H5.5	MYO1G	0.098452841	0.039247257
LA16c-380H5.5	TMSB10	0.276783531	4.27E-09
LA16c-380H5.5	UNC5CL	0.362878386	4.99E-15
LA16c-380H5.5	ABR	0.237435358	5.23E-07
LA16c-380H5.5	PLP2	0.316316518	1.52E-11
LA16c-380H5.5	SRCIN1	0.517046979	0
LA16c-380H5.5	PDE9A	0.502288542	0
LA16c-380H5.5	TREM2	0.174518534	0.000243409
LA16c-380H5.5	KDELR3	0.135183835	0.004576828
LA16c-380H5.5	PC	0.642055844	0

LA16c-380H5.5	C2CD4A	0.459987887	0
LA16c-380H5.5	PELI1	0.17430975	0.000247672
LA16c-380H5.5	SSX1	0.277490731	3.89E-09
LA16c-380H5.5	MROH6	0.485804231	0
LA16c-380H5.5	ESPN	0.495880057	0
LA16c-380H5.5	BMP1	0.348390149	7.68E-14
LA16c-380H5.5	TM4SF4	0.385168932	5.65E-17
LA16c-380H5.5	CORO2A	0.387320895	0
LA16c-380H5.5	CD164L2	0.45147264	1.96E-23
LA16c-380H5.5	CTSS	0.127494277	0.00751595
LA16c-380H5.5	CLU	0.413463039	0
LA16c-380H5.5	TMSB4X	0.183168188	0.000116545
LA16c-380H5.5	WNT10A	0.393080277	1.13E-17
LA16c-380H5.5	NAPSA	0.12435613	0.009137066
LA16c-380H5.5	PLEKHA4	0.635067387	0
LA16c-380H5.5	SFTPA1	0.004871488	0.918932414
LA16c-380H5.5	C1orf116	0.3390862	3.86E-13
LA16c-380H5.5	TM4SF1	0.304838916	8.53E-11
LA16c-380H5.5	SEL1L3	0.294087945	4.02E-10
LA16c-380H5.5	VASN	0.487256076	0
LA16c-380H5.5	NPTXR	0.538907343	0
LA16c-380H5.5	PDE4C	0.415409753	0
LA16c-380H5.5	CDC42EP1	0.423102716	0
LA16c-380H5.5	ENDOD1	0.535354182	0
LA16c-380H5.5	RYR1	0.419958754	0
LA16c-380H5.5	IL1RAP	0.345539222	1.27E-13
LA16c-380H5.5	SLC35F2	0.510761627	1.53E-30
LA16c-380H5.5	ISYNA1	0.414153502	0
LA16c-380H5.5	HLA-G	0.248894238	1.40E-07
LA16c-380H5.5	CDKN2B	0.291118301	6.10E-10
LA16c-380H5.5	ALDH1A3	0.230784473	1.09E-06
LA16c-380H5.5	CLIP3	0.332743669	1.11E-12
LA16c-380H5.5	ULBP2	0.409648755	0
LA16c-380H5.5	ETHE1	0.458440444	0
LA16c-380H5.5	XPR1	0.233670858	7.96E-07
LA16c-380H5.5	SPTBN2	0.563301628	0
LA16c-380H5.5	IVL	0.245757921	1.84E-07
LA16c-380H5.5	MARCO	0.215749453	5.36E-06
LA16c-380H5.5	PLXND1	0.287684566	9.81E-10
LA16c-380H5.5	EMILIN2	0.209376569	1.02E-05
LA16c-380H5.5	PLAUR	0.124656541	0.00896941
LA16c-380H5.5	CDC42EP5	0.48619641	0
LA16c-380H5.5	TRPC5	0.39593217	6.29E-18
LA16c-380H5.5	TMEM100	0.187810091	7.74E-05
LA16c-380H5.5	QSOX1	0.399735474	0
LA16c-380H5.5	ARHGAP23	0.369677633	1.17E-15
LA16c-380H5.5	MDFI	0.145021517	0.002339509
LA16c-380H5.5	FSTL3	0.505083301	0
LA16c-380H5.5	INF2	0.594135176	0
LA16c-380H5.5	TGFBR1	0.557497936	0
LA16c-380H5.5	TGFBI	0.132043987	0.005621217

LA16c-380H5.5	ERBB3	0.538403254	0
LA16c-380H5.5	CCL18	0.141839542	0.002919774
LA16c-380H5.5	CCL17	0.161101953	0.000704061
LA16c-380H5.5	C16orf45	0.438912308	0
LA16c-380H5.5	PRDM1	0.307284188	5.94E-11
LA16c-380H5.5	TRIM47	0.429922954	0
LA16c-380H5.5	CNFN	0.425050565	0
LA16c-380H5.5	ARMCX3	0.572137939	0
LA16c-380H5.5	RAMP1	0.43303869	0
LA16c-380H5.5	GABRD	0.242038682	3.10E-07
LA16c-380H5.5	COL13A1	0.252492504	9.11E-08
LA16c-380H5.5	S100A5	0.508909216	0
LA16c-380H5.5	MISP	0.329479571	1.90E-12
LA16c-380H5.5	HES6	0.403853289	0
LA16c-380H5.5	PSD3	0.375711668	2.56E-16
LA16c-380H5.5	DOK7	0.515620098	0
LA16c-380H5.5	ZMAT3	0.324165501	4.45E-12
LA16c-380H5.5	MFAP2	0.321800083	6.47E-12
LA16c-380H5.5	TMEM79	0.510771112	0
LA16c-380H5.5	SLC1A5	0.263356093	2.41E-08
LA16c-380H5.5	BBC3	0.354964016	2.32E-14
LA16c-380H5.5	HLA-DQB2	0.123801973	0.009453668
LA16c-380H5.5	C1QL1	0.584044457	0
LA16c-380H5.5	TMEM215	0.344110258	1.20E-13
LA16c-380H5.5	PNP	0.369022203	1.36E-15
LA16c-380H5.5	ARNTL	0.408205845	0
LA16c-380H5.5	CLDN2	0.434947124	1.09E-21
LA16c-380H5.5	MVP	0.338306096	4.41E-13
LA16c-380H5.5	LGALS1	0.228232539	1.44E-06
LA16c-380H5.5	BIRC7	0.410896645	2.60E-19
LA16c-380H5.5	COL8A1	0.388914577	0
LA16c-380H5.5	PERP	0.451180794	0
LA16c-380H5.5	GJA4	0.295252428	3.41E-10
LA16c-380H5.5	IGFL2	0.28949555	6.36E-10
LA16c-380H5.5	DAPK2	0.622523736	0
LA16c-380H5.5	MAMLD1	0.473211363	0
LA16c-380H5.5	ETV5	0.311326688	3.24E-11
LA16c-380H5.5	RUNX1	0.279689916	2.90E-09
LA16c-380H5.5	LONRF2	0.454870971	0
LA16c-380H5.5	SPOCK1	0.111838011	0.019122597
LA16c-380H5.5	XKRX	0.304650272	8.77E-11
LA16c-380H5.5	TGFB1	0.16175844	0.00067885
LA16c-380H5.5	ERP27	0.326724243	2.96E-12
LA16c-380H5.5	TNFRSF10C	0.272585577	7.41E-09
LA16c-380H5.5	PALM	0.588044548	0
LA16c-380H5.5	TSC22D1	0.401810551	0
LA16c-380H5.5	TGM2	0.196284718	3.58E-05
LA16c-380H5.5	UBE2QL1	0.428470967	0
LA16c-380H5.5	ECE1	0.443435778	0
LA16c-380H5.5	COL8A2	0.305059898	8.25E-11
LA16c-380H5.5	HIST3H2A	0.362102395	5.84E-15

LA16c-380H5.5	TNFRSF21	0.320270795	8.22E-12
LA16c-380H5.5	SOX4	0.310152844	3.87E-11
LA16c-380H5.5	ELF3	0.398629144	0
LA16c-380H5.5	TPD52L1	0.642452563	0
LA16c-380H5.5	INHBB	0.49016785	0
LA16c-380H5.5	HPN	0.414120454	0
LA16c-380H5.5	MMP7	0.254054919	6.79E-08
LA16c-380H5.5	RAB27A	0.490385286	0
LA16c-380H5.5	IGF2BP2	0.474191032	0
LA16c-380H5.5	ITGB4	0.222826133	2.57E-06
LA16c-380H5.5	PPP1R1B	0.393126573	0
LA16c-380H5.5	NPDC1	0.397992154	0
LA16c-380H5.5	CCL13	0.21231168	7.22E-06
LA16c-380H5.5	SPINT1	0.524208052	0
LA16c-380H5.5	HEY2	0.376697436	1.91E-16
LA16c-380H5.5	CST2	0.301598954	1.10E-10
LA16c-380H5.5	ADM	0.365050622	3.20E-15
LA16c-380H5.5	VSTM2L	0.247756846	1.60E-07
LA16c-380H5.5	FAM84A	0.230472715	1.13E-06
LA16c-380H5.5	P4HA2	0.346377054	1.10E-13
LA16c-380H5.5	LPL	0.21185035	7.95E-06
LA16c-380H5.5	TMEM173	0.154421347	0.001185309
LA16c-380H5.5	DHRS3	0.567930766	0
LA16c-380H5.5	SCN1B	0.396252379	0
LA16c-380H5.5	GLT1D1	0.331674926	1.33E-12
LA16c-380H5.5	PHYHIP	0.467522417	0
LA16c-380H5.5	BHLHE40	0.272244885	7.74E-09
LA16c-380H5.5	BID	0.576596164	0
LA16c-380H5.5	POSTN	0.074722354	0.117948054
LA16c-380H5.5	ITGA3	0.484458055	0
LA16c-380H5.5	RSPO4	0.500346224	0
LA16c-380H5.5	ADAMTS9	0.301472269	1.39E-10
LA16c-380H5.5	ABTB2	0.477904612	0
LA16c-380H5.5	KCNQ3	0.422416933	0
LA16c-380H5.5	ANXA1	0.498756088	0
LA16c-380H5.5	S100A11	0.336060814	6.43E-13
LA16c-380H5.5	CEACAM6	0.261814445	2.59E-08
LA16c-380H5.5	IER5L	0.545538229	0
LA16c-380H5.5	KRT80	0.452658595	0
LA16c-380H5.5	CDH6	0.23918194	4.30E-07
LA16c-380H5.5	UNC5B	0.269659336	1.08E-08
LA16c-380H5.5	PLEKHN1	0.486484482	0
LA16c-380H5.5	SYTL1	0.309088214	4.54E-11
LA16c-380H5.5	TMEM163	0.314653052	1.96E-11
LA16c-380H5.5	C4orf48	0.197780816	3.11E-05
LA16c-380H5.5	B3GNT7	0.341576293	2.53E-13
LA16c-380H5.5	BAIAP3	0.537842147	0
LA16c-380H5.5	PHLDA2	0.427823906	0
LA16c-380H5.5	GAP43	0.389773743	2.23E-17
LA16c-380H5.5	S100A1	0.485422973	0
LA16c-380H5.5	PTPRE	0.410918622	0

LA16c-380H5.5	CCND1	0.346576761	1.06E-13
LA16c-380H5.5	ST6GALNAC5	0.379662243	1.68E-16
LA16c-380H5.5	KRT17	0.125036239	0.00876143
LA16c-380H5.5	HPCAL4	0.443828525	0
LA16c-380H5.5	GABBR2	0.252574769	9.02E-08
LA16c-380H5.5	DIRAS3	0.425451397	0
LA16c-380H5.5	SERINC2	0.437517198	0
LA16c-380H5.5	PTCHD4	0.247107515	1.72E-07
LA16c-380H5.5	EPS8	0.47741499	0
LA16c-380H5.5	LY6E	0.473406389	0
LA16c-380H5.5	UPP1	0.443102177	0
LA16c-380H5.5	AHNAK2	0.378183605	1.18E-16
LA16c-380H5.5	PLXNC1	0.426449079	0
LA16c-380H5.5	TNC	0.179424822	0.000160954
LA16c-380H5.5	DUSP4	0.229211215	1.30E-06
LA16c-380H5.5	NRCAM	0.492031448	0
LA16c-380H5.5	NRP2	0.352741712	3.50E-14
LA16c-380H5.5	CTSC	0.264057053	2.20E-08
LA16c-380H5.5	AMIGO2	0.310302624	3.78E-11
LA16c-380H5.5	NAB2	0.595926721	0
LA16c-380H5.5	TBC1D2	0.473416176	0
LA16c-380H5.5	PHLDA3	0.397398991	0
LA16c-380H5.5	PTP4A3	0.368915116	1.39E-15
LA16c-380H5.5	CRABP2	0.340399612	3.09E-13
LA16c-380H5.5	GOS2	0.29362045	4.29E-10
LA16c-380H5.5	S100A6	0.467466392	0
LA16c-380H5.5	FOXQ1	0.300221266	1.67E-10
LA16c-380H5.5	LRG1	0.433567743	0
LA16c-380H5.5	LAMP5	0.217465966	4.49E-06
LA16c-380H5.5	ALDH3B1	0.437383729	0
LA16c-380H5.5	CDH2	0.201972671	2.09E-05
LA16c-380H5.5	SCG5	0.32539764	3.66E-12
LA16c-380H5.5	ZCCHC16	0.439541245	3.66E-22
LA16c-380H5.5	GRB7	0.581683578	0
LA16c-380H5.5	TIAM1	0.292102367	5.31E-10
LA16c-380H5.5	FXYD5	0.189108469	6.89E-05
LA16c-380H5.5	CLDN9	0.73304252	0
LA16c-380H5.5	FAM43A	0.618237986	0
LA16c-380H5.5	CHST2	0.390519606	0
LA16c-380H5.5	HMGA2	0.326796296	2.93E-12
LA16c-380H5.5	GALNT7	0.442878074	0
LA16c-380H5.5	CBLN1	0.279418439	3.01E-09
LA16c-380H5.5	STRA6	0.347192192	9.50E-14
LA16c-380H5.5	MUC21	0.403849562	1.19E-18
LA16c-380H5.5	PRR36	0.415841506	0
LA16c-380H5.5	NFE2L3	0.116328858	0.014781017
LA16c-380H5.5	NR1D1	0.311685252	3.07E-11
LA16c-380H5.5	MUC1	0.338115325	4.55E-13
LA16c-380H5.5	NAT8L	0.377397402	1.54E-16
LA16c-380H5.5	APOC1	0.186171305	8.95E-05
LA16c-380H5.5	EVA1A	0.42666921	0

LA16c-380H5.5	ENTPD1	0.392241509	0
LA16c-380H5.5	COL1A1	0.131357211	0.005876448
LA16c-380H5.5	FNDC4	0.285490629	1.33E-09
LA16c-380H5.5	FRMD3	0.340216784	3.19E-13
LA16c-380H5.5	SHROOM4	0.415789309	0
LA16c-380H5.5	NELL2	0.314490223	2.01E-11
LA16c-380H5.5	EPHB3	0.405330949	0
LA16c-380H5.5	TMC6	0.454672824	0
LA16c-380H5.5	NOD1	0.495807153	0
LA16c-380H5.5	GGCT	0.641124542	0
LA16c-380H5.5	ICAM1	0.276942247	4.18E-09
LA16c-380H5.5	PRSS23	0.245451851	2.09E-07
LA16c-380H5.5	CFI	0.23204966	9.52E-07
LA16c-380H5.5	CD55	0.378795633	9.50E-17
LA16c-380H5.5	RASD2	0.509323806	0
LA16c-380H5.5	KLK11	0.3977744	4.29E-18
LA16c-380H5.5	ICAM5	0.479600842	0
LA16c-380H5.5	ADORA1	0.467166122	0
LA16c-380H5.5	ITGA2	0.333848864	9.28E-13
LA16c-380H5.5	ABCC3	0.414431644	0
LA16c-380H5.5	MFGE8	0.442001946	0
LA16c-380H5.5	STK32A	0.307336526	5.89E-11
LA16c-380H5.5	CYSLTR2	0.317663262	1.23E-11
LA16c-380H5.5	LAD1	0.628368845	0
LA16c-380H5.5	MGAT3	0.409610459	0
LA16c-380H5.5	IGFBP6	0.370284554	1.02E-15
LA16c-380H5.5	CYP2S1	0.343996034	1.66E-13
LA16c-380H5.5	KCNJ2	0.214722127	5.95E-06
LA16c-380H5.5	FAM20A	0.13656462	0.00417577
LA16c-380H5.5	TGFA	0.442542771	0
LA16c-380H5.5	MXRA8	0.493664703	0
LA16c-380H5.5	C8orf4	0.145476247	0.002265791
LA16c-380H5.5	CLDN10	0.339679725	2.57E-13
LA16c-380H5.5	PDE5A	0.560454673	0
LA16c-380H5.5	APOE	0.275046593	5.37E-09
LA16c-380H5.5	SPOCK2	0.344261837	1.59E-13
LA16c-380H5.5	TENM1	0.277107771	4.09E-09
LA16c-380H5.5	SLIT1	0.127188051	0.007661956
LA16c-380H5.5	CXCL14	0.070363557	0.141002974
LA16c-380H5.5	ECM1	0.054615097	0.253384767
LA16c-380H5.5	DUSP5	0.460479495	0
LA16c-380H5.5	SEZ6L2	0.35591702	1.94E-14
LA16c-380H5.5	THRSP	0.361763262	6.25E-15
LA16c-380H5.5	C19orf33	0.35636636	1.78E-14
LA16c-380H5.5	MPZL2	0.384818888	0
LA16c-380H5.5	CTSH	0.558608237	0
LA16c-380H5.5	CYP1B1	0.495822613	0
LA16c-380H5.5	ALOX5	0.210119228	9.45E-06
LA16c-380H5.5	SYTL5	0.399479046	3.00E-18
LA16c-380H5.5	TNFRSF12A	0.60897829	0
LA16c-380H5.5	DUSP6	0.418708601	0

LA16c-380H5.5	ALOX15B	0.376271215	2.18E-16
LA16c-380H5.5	SDC4	0.57386041	0
LA16c-380H5.5	MDK	0.348843318	7.08E-14
LA16c-380H5.5	KRT19	0.434630528	0
LA16c-380H5.5	MET	0.464607239	0
LA16c-380H5.5	TESC	0.401409436	0
LA16c-380H5.5	CXCL17	0.496351541	1.10E-28
LA16c-380H5.5	NPC2	0.572683729	0
LA16c-380H5.5	COMP	0.253055314	8.51E-08
LA16c-380H5.5	TUSC3	0.318818667	1.03E-11
LA16c-380H5.5	TMPRSS4	0.364098185	3.89E-15
LA16c-380H5.5	LGALS3	0.515027077	0
LA16c-380H5.5	CRLF1	0.335752035	6.77E-13
LA16c-380H5.5	CTXN1	0.488894153	0
LA16c-380H5.5	PCSK1N	0.158117197	0.000897794
LA16c-380H5.5	NMU	0.409685123	3.38E-19
LA16c-380H5.5	GALE	0.545901332	0
LA16c-380H5.5	PCSK2	0.084787826	0.075965262
LA16c-380H5.5	GJB3	0.568580381	0
LA16c-380H5.5	SLPI	0.233555119	8.07E-07
LA16c-380H5.5	AGR2	0.258619868	4.33E-08
LA16c-380H5.5	MRC2	0.283683198	1.70E-09
LA16c-380H5.5	GOLT1A	0.515713143	0
LA16c-380H5.5	SLC27A6	0.349381957	4.76E-14
LA16c-380H5.5	KCNN4	0.29009679	7.03E-10
LA16c-380H5.5	ETV4	0.431458214	2.49E-21
LA16c-380H5.5	SYT12	0.55952181	0
LA16c-380H5.5	PVRL4	0.546111819	0
LA16c-380H5.5	PLCD3	0.642410579	0
LA16c-380H5.5	PLAU	0.241163405	3.43E-07
LA16c-380H5.5	LRRK2	0.173024989	0.000275482
LA16c-380H5.5	SFN	0.341581541	2.52E-13
LA16c-380H5.5	LPAR5	0.476691195	0
LA16c-380H5.5	NGEF	0.484062754	0
LA16c-380H5.5	DTX4	0.546208126	0
LA16c-380H5.5	CST6	0.522467427	0
LA16c-380H5.5	QPCT	0.473132218	0
LA16c-380H5.5	TIMP1	0.480660933	0
LA16c-380H5.5	CAMK2N1	0.488007671	0
LA16c-380H5.5	KLHDC8A	0.18011798	0.000151687
LA16c-380H5.5	PDLIM4	0.595239095	0
LA16c-380H5.5	SCEL	0.358428104	1.20E-14
LA16c-380H5.5	LCN2	0.421034163	0
LA16c-380H5.5	PROS1	0.551358942	0
LA16c-380H5.5	GABRB2	0.50557732	0
LA16c-380H5.5	TMPRSS6	0.512773568	0
LA16c-380H5.5	KLK7	0.546008653	1.78E-35
LA16c-380H5.5	PDZK1IP1	0.242174136	3.05E-07
LA16c-380H5.5	CDH3	0.390162886	0
LA16c-380H5.5	LRP4	0.278786129	3.28E-09
LA16c-380H5.5	IGSF1	0.176583682	0.000204784

LA16c-380H5.5	B3GNT3	0.433368887	0
LA16c-380H5.5	CLDN1	0.345555392	1.27E-13
LA16c-380H5.5	GDF15	0.521335567	0
LA16c-380H5.5	ARHGAP36	0.198282203	2.86E-05
LA16c-380H5.5	LAMB3	0.32149329	6.79E-12
LA16c-380H5.5	KLK10	0.548400077	0
LA16c-380H5.5	DPP4	0.348990971	6.90E-14
LA16c-380H5.5	METTL7B	0.624109759	0
LA16c-380H5.5	LIPH	0.411651778	0
LA16c-380H5.5	CLDN16	0.369146027	1.32E-15
LA16c-380H5.5	CHI3L1	0.40123838	0
LA16c-380H5.5	SLC22A31	0.394138082	9.12E-18
LA16c-380H5.5	TACSTD2	0.54240987	0
LA16c-380H5.5	SFTPB	0.315649174	1.68E-11
LA16c-380H5.5	RXRG	0.450920807	0
LA16c-380H5.5	DCSTAMP	0.607093603	1.47E-45
LA16c-380H5.5	CITED1	0.578967397	0
LA16c-380H5.5	SERPINA1	0.507734237	0
LA16c-380H5.5	PRR15	0.402643702	0
LA16c-380H5.5	SLC34A2	0.550857973	0
LA16c-380H5.5	FN1	0.401360502	0
LA16c-380H5.5	ZCCHC12	0.281193531	2.37E-09
NR2F1-AS1	TFF3	-0.572318924	0
NR2F1-AS1	CCL21	-0.241451774	3.05E-07
NR2F1-AS1	TPO	-0.614167827	0
NR2F1-AS1	MT1G	-0.532471342	0
NR2F1-AS1	DIO1	-0.580438958	0
NR2F1-AS1	DPT	-0.192241506	5.03E-05
NR2F1-AS1	CDH16	-0.508676177	0
NR2F1-AS1	CRABP1	-0.531114621	2.55E-33
NR2F1-AS1	SLC26A7	-0.605794614	0
NR2F1-AS1	MT1H	-0.495482841	1.42E-28
NR2F1-AS1	SLC26A4	-0.555475764	0
NR2F1-AS1	SLC5A8	-0.594694793	2.46E-43
NR2F1-AS1	PKHD1L1	-0.528322509	6.29E-33
NR2F1-AS1	TFCP2L1	-0.601262067	0
NR2F1-AS1	WSCD2	-0.554568806	9.13E-37
NR2F1-AS1	IPCEF1	-0.503480541	0
NR2F1-AS1	SLC5A5	-0.356618787	1.30E-14
NR2F1-AS1	MT1F	-0.521101819	0
NR2F1-AS1	FOSB	-0.356294306	1.80E-14
NR2F1-AS1	SEMA3D	-0.521521037	5.49E-32
NR2F1-AS1	BMP8A	-0.515752715	0
NR2F1-AS1	MATN2	-0.659279694	0
NR2F1-AS1	PLA2R1	-0.507314115	0
NR2F1-AS1	COL23A1	-0.589240519	0
NR2F1-AS1	HGD	-0.619327295	0
NR2F1-AS1	TCEAL2	-0.415169623	0
NR2F1-AS1	CHRD1	-0.192805389	4.77E-05
NR2F1-AS1	TNFRSF11B	-0.52585237	0
NR2F1-AS1	FAM167A	-0.692686026	0

NR2F1-AS1	KIT	-0.545799352	0
NR2F1-AS1	SLC4A4	-0.646762426	0
NR2F1-AS1	SMOC2	-0.32493128	3.94E-12
NR2F1-AS1	FHL1	-0.664173359	0
NR2F1-AS1	OTOS	-0.492709004	0
NR2F1-AS1	IGFBPL1	-0.598251659	5.80E-44
NR2F1-AS1	HBB	-0.35200274	4.00E-14
NR2F1-AS1	BEX1	-0.55823322	0
NR2F1-AS1	FABP4	-0.566966213	1.06E-38
NR2F1-AS1	LMOD1	-0.554578928	0
NR2F1-AS1	SOD3	-0.539901764	0
NR2F1-AS1	TMEM171	-0.44451686	0
NR2F1-AS1	PI16	-0.232714734	8.85E-07
NR2F1-AS1	ZMAT4	-0.588167577	3.33E-42
NR2F1-AS1	MFAP4	-0.159640102	0.000799296
NR2F1-AS1	CWH43	-0.497042217	9.02E-29
NR2F1-AS1	SPX	-0.697996551	0
NR2F1-AS1	APOD	-0.038215604	0.424306589
NR2F1-AS1	DPP6	-0.530019687	0
NR2F1-AS1	MMRN1	-0.395436674	0
NR2F1-AS1	WDR72	-0.602569663	0
NR2F1-AS1	MPPED2	-0.671661509	0
NR2F1-AS1	PAPSS2	-0.374007637	4.08E-16
NR2F1-AS1	DCN	0.01119719	0.814954801
NR2F1-AS1	SORBS2	-0.606160838	0
NR2F1-AS1	EGR2	-0.378126729	1.21E-16
NR2F1-AS1	EDN3	-0.518301523	1.50E-31
NR2F1-AS1	DIO2	-0.645557094	0
NR2F1-AS1	ITPR1	-0.61876874	0
NR2F1-AS1	CFD	-0.171090614	0.000322906
NR2F1-AS1	CPXM1	-0.345149312	1.36E-13
NR2F1-AS1	ELMO1	-0.612757824	0
NR2F1-AS1	GPC3	-0.40786616	5.02E-19
NR2F1-AS1	MYOC	-0.190721509	5.78E-05
NR2F1-AS1	DEPTOR	-0.621598249	0
NR2F1-AS1	DGKI	-0.56411478	0
NR2F1-AS1	CARTPT	-0.500604469	3.19E-29
NR2F1-AS1	IYD	-0.476986216	0
NR2F1-AS1	LYVE1	-0.263264467	2.43E-08
NR2F1-AS1	CLCNKB	-0.624737814	0
NR2F1-AS1	NCAM1	-0.398993524	0
NR2F1-AS1	HBA2	-0.32004726	8.51E-12
NR2F1-AS1	GLT8D2	-0.429861255	0
NR2F1-AS1	OGDHL	-0.571679522	0
NR2F1-AS1	LIFR	-0.57644298	0
NR2F1-AS1	CSGALNACT1	-0.457163201	0
NR2F1-AS1	RAP1GAP	-0.595436248	0
NR2F1-AS1	COL9A3	-0.51508211	0
NR2F1-AS1	FBLN1	-0.039075988	0.413945307
NR2F1-AS1	EFEMP1	-0.329508364	1.89E-12
NR2F1-AS1	AOX1	-0.417875961	5.56E-20

NR2F1-AS1	GRIN2C	-0.52749527	0
NR2F1-AS1	C11orf74	-0.561863967	0
NR2F1-AS1	PPARGC1A	-0.584223172	0
NR2F1-AS1	ANGPTL1	-0.564276475	0
NR2F1-AS1	SCARA5	-0.175078338	0.000227493
NR2F1-AS1	LTF	-0.445722334	0
NR2F1-AS1	CA4	-0.650517014	3.59E-54
NR2F1-AS1	TG	-0.679975576	0
NR2F1-AS1	FCGBP	-0.577707174	0
NR2F1-AS1	PBX4	-0.553105382	0
NR2F1-AS1	CYR61	-0.423485534	0
NR2F1-AS1	FOS	-0.390061898	0
NR2F1-AS1	KHDRBS2	-0.547526644	0
NR2F1-AS1	MUM1L1	-0.474304927	0
NR2F1-AS1	RGS16	-0.512164945	0
NR2F1-AS1	MT1M	-0.461461008	0
NR2F1-AS1	LRP2	-0.553336435	0
NR2F1-AS1	MAFB	-0.418184939	0
NR2F1-AS1	KCNK2	-0.473967071	0
NR2F1-AS1	TBC1D4	-0.495692548	0
NR2F1-AS1	MIOX	-0.542611865	5.64E-35
NR2F1-AS1	TPPP	-0.545266044	0
NR2F1-AS1	FMOD	-0.520400151	0
NR2F1-AS1	CITED2	-0.476527089	0
NR2F1-AS1	RGS8	-0.574728959	5.93E-40
NR2F1-AS1	ABI3BP	-0.274712283	5.61E-09
NR2F1-AS1	ADH1B	-0.27530883	4.47E-09
NR2F1-AS1	OGN	-0.112506516	0.018371543
NR2F1-AS1	NR4A1	-0.318770442	1.04E-11
NR2F1-AS1	FOXJ1	-0.558078388	2.64E-37
NR2F1-AS1	ALDH1A1	-0.550884922	0
NR2F1-AS1	OCA2	-0.447713572	5.00E-23
NR2F1-AS1	TMEM139	-0.300488913	1.61E-10
NR2F1-AS1	ARHGAP24	-0.526292349	0
NR2F1-AS1	SLC25A15	-0.62229084	0
NR2F1-AS1	DES	-0.204372279	1.59E-05
NR2F1-AS1	GDF10	-0.382174665	1.03E-16
NR2F1-AS1	KIAA1324	-0.49414936	0
NR2F1-AS1	JUN	-0.398020379	0
NR2F1-AS1	C7	0.068069341	0.154451355
NR2F1-AS1	LGI3	-0.620720135	0
NR2F1-AS1	CDON	-0.673861119	0
NR2F1-AS1	BCL2	-0.66441973	0
NR2F1-AS1	HLF	-0.601468723	0
NR2F1-AS1	EGR1	-0.450486218	0
NR2F1-AS1	IP6K3	-0.462545352	0
NR2F1-AS1	SCUBE3	-0.472660751	0
NR2F1-AS1	PKNOX2	-0.606011483	0
NR2F1-AS1	SMAD9	-0.495688435	0
NR2F1-AS1	IQGAP2	-0.609972143	0
NR2F1-AS1	GNA14	-0.645903318	0

NR2F1-AS1	LAYN	-0.484769671	0
NR2F1-AS1	AVPR1A	-0.57112579	0
NR2F1-AS1	PDLIM3	-0.392776377	0
NR2F1-AS1	GPM6A	-0.537152251	0
NR2F1-AS1	SDPR	-0.521914971	0
NR2F1-AS1	CRYAB	-0.301658218	1.36E-10
NR2F1-AS1	FOXA2	-0.360818351	6.05E-15
NR2F1-AS1	C8orf88	-0.505900992	0
NR2F1-AS1	ISM1	-0.371744909	7.20E-16
NR2F1-AS1	BMP2	-0.279662116	2.92E-09
NR2F1-AS1	ID4	-0.55052111	0
NR2F1-AS1	NUPR1	-0.358916591	1.09E-14
NR2F1-AS1	SERTM1	-0.500524281	3.26E-29
NR2F1-AS1	IRS1	-0.579759841	0
NR2F1-AS1	FIBIN	-0.19521867	3.95E-05
NR2F1-AS1	PODN	-0.073448798	0.12435645
NR2F1-AS1	TDRD9	-0.429558149	0
NR2F1-AS1	EPHA3	-0.220034495	3.44E-06
NR2F1-AS1	AIF1L	-0.478773648	0
NR2F1-AS1	EBF4	-0.606351325	0
NR2F1-AS1	ADM2	-0.542346043	0
NR2F1-AS1	GSTM3	-0.628489974	0
NR2F1-AS1	HSD17B6	-0.360576228	7.91E-15
NR2F1-AS1	AGR3	-0.312285261	2.19E-11
NR2F1-AS1	EPHB1	-0.490054097	0
NR2F1-AS1	TMOD1	-0.305725681	7.48E-11
NR2F1-AS1	WASF3	-0.61288718	0
NR2F1-AS1	SELV	-0.592812443	5.25E-43
NR2F1-AS1	ENPP1	-0.292793539	4.82E-10
NR2F1-AS1	SYNE1	-0.615708768	3.68E-47
NR2F1-AS1	PLCH1	-0.491017029	0
NR2F1-AS1	CCDC146	-0.579241143	0
NR2F1-AS1	SLC16A2	-0.551792396	0
NR2F1-AS1	IER2	-0.474862489	0
NR2F1-AS1	KCNAB1	-0.573450358	0
NR2F1-AS1	SYNDIG1	-0.462022257	0
NR2F1-AS1	C16orf89	-0.614959846	0
NR2F1-AS1	CTGF	-0.274482365	5.78E-09
NR2F1-AS1	NR4A3	-0.154225754	0.001202666
NR2F1-AS1	KIAA1456	-0.597810318	0
NR2F1-AS1	AQP4	-0.454743317	0
NR2F1-AS1	RNF150	-0.606141548	0
NR2F1-AS1	C1S	0.094082839	0.048865793
NR2F1-AS1	PFKFB2	-0.532498007	0
NR2F1-AS1	PROX1	-0.514557454	0
NR2F1-AS1	TCF7L1	-0.663593954	0
NR2F1-AS1	HSPB6	-0.271105081	8.97E-09
NR2F1-AS1	FHDC1	-0.398551985	0
NR2F1-AS1	PRR15L	-0.433248751	0
NR2F1-AS1	SLC1A1	-0.386381933	0
NR2F1-AS1	BTBD11	-0.690735908	0

NR2F1-AS1	TRIM58	-0.59592431	0
NR2F1-AS1	LRIG1	-0.486521785	0
NR2F1-AS1	ROR2	-0.338477577	4.28E-13
NR2F1-AS1	GPR125	-0.555779863	0
NR2F1-AS1	FLRT1	-0.673575601	0
NR2F1-AS1	PGF	-0.591648488	0
NR2F1-AS1	DUSP1	-0.339782195	3.43E-13
NR2F1-AS1	PLA2G7	-0.449550234	0
NR2F1-AS1	PLSCR4	-0.341783233	2.44E-13
NR2F1-AS1	FAM46B	-0.365839945	2.71E-15
NR2F1-AS1	GLDC	-0.460433256	0
NR2F1-AS1	ZBTB16	-0.469235526	0
NR2F1-AS1	OMD	-0.010032908	0.833965279
NR2F1-AS1	HSD11B2	-0.573632477	0
NR2F1-AS1	FGL2	-0.003157153	0.947388221
NR2F1-AS1	CLCNKA	-0.622196044	2.12E-48
NR2F1-AS1	GATM	-0.566803729	0
NR2F1-AS1	TNS3	-0.461316759	0
NR2F1-AS1	TOB1	-0.365222528	3.08E-15
NR2F1-AS1	MARC2	-0.651336673	0
NR2F1-AS1	LRRC2	-0.555305985	0
NR2F1-AS1	SORD	-0.452958439	0
NR2F1-AS1	RIMS4	-0.591835571	0
NR2F1-AS1	SLC29A4	-0.563510838	0
NR2F1-AS1	SLC39A14	-0.640119058	0
NR2F1-AS1	FAXDC2	-0.691700684	0
NR2F1-AS1	HSPB8	-0.343791789	1.72E-13
NR2F1-AS1	CCL19	0.189468118	6.48E-05
NR2F1-AS1	KCNIP3	-0.641133194	0
NR2F1-AS1	CGNL1	-0.49568957	0
NR2F1-AS1	ATF3	-0.111984954	0.018964614
NR2F1-AS1	SGCD	-0.293868806	4.14E-10
NR2F1-AS1	STARD13	-0.565270469	0
NR2F1-AS1	LDHD	-0.647729613	0
NR2F1-AS1	RCAN1	-0.430476686	0
NR2F1-AS1	ID3	-0.433184499	0
NR2F1-AS1	SYTL3	-0.575494515	0
NR2F1-AS1	MT1E	-0.32600371	3.32E-12
NR2F1-AS1	CAMK1D	-0.542459371	0
NR2F1-AS1	PRKCQ	-0.613251701	0
NR2F1-AS1	NUAK2	-0.409846192	0
NR2F1-AS1	LIPG	-0.644278857	0
NR2F1-AS1	SLC25A25	-0.351090869	4.72E-14
NR2F1-AS1	PRKX	-0.357459073	1.45E-14
NR2F1-AS1	SRPX	-0.086187758	0.071235243
NR2F1-AS1	FAM189A1	-0.626172638	0
NR2F1-AS1	PLEKHH1	-0.485046962	0
NR2F1-AS1	WNT11	-0.402431939	0
NR2F1-AS1	SNAI1	-0.35435057	2.60E-14
NR2F1-AS1	FDCSP	0.093831979	0.049445545
NR2F1-AS1	MT1X	-0.305779438	7.42E-11

NR2F1-AS1	ACACB	-0.686273286	0
NR2F1-AS1	ARC	-0.247606782	1.63E-07
NR2F1-AS1	KLK4	-0.186748621	8.27E-05
NR2F1-AS1	ZFPM2	-0.338211065	4.48E-13
NR2F1-AS1	AKAP12	-0.404723176	0
NR2F1-AS1	GJB6	-0.443607322	1.37E-22
NR2F1-AS1	ERO1LB	-0.610252413	0
NR2F1-AS1	DNALI1	-0.483023797	0
NR2F1-AS1	HKDC1	-0.31840124	1.10E-11
NR2F1-AS1	ZFP36L2	-0.50108009	0
NR2F1-AS1	CAPSL	-0.556172946	5.19E-37
NR2F1-AS1	CYP7B1	-0.516869399	0
NR2F1-AS1	CPQ	-0.499453785	0
NR2F1-AS1	RPS6KA6	-0.658619749	6.15E-56
NR2F1-AS1	TLE1	-0.452913051	0
NR2F1-AS1	TP53INP2	-0.658961128	0
NR2F1-AS1	KATNAL2	-0.69635975	0
NR2F1-AS1	SGPP2	-0.142402352	0.002808448
NR2F1-AS1	CTH	-0.490557335	0
NR2F1-AS1	KIF12	-0.391705932	0
NR2F1-AS1	TMEM220	-0.534779457	0
NR2F1-AS1	CENPJ	-0.433104786	0
NR2F1-AS1	FAM155B	-0.405880851	0
NR2F1-AS1	WFS1	-0.621800367	0
NR2F1-AS1	SELENBP1	-0.513936065	0
NR2F1-AS1	SNTA1	-0.496027	0
NR2F1-AS1	FRAS1	-0.244779259	2.26E-07
NR2F1-AS1	FBLN7	-0.533106772	0
NR2F1-AS1	AGPAT9	-0.60150319	0
NR2F1-AS1	GPR83	-0.457855366	0
NR2F1-AS1	PRTG	-0.551233558	0
NR2F1-AS1	EGR3	-0.18221717	0.000126583
NR2F1-AS1	GRAMD2	-0.367585109	1.86E-15
NR2F1-AS1	HYOU1	-0.642733116	0
NR2F1-AS1	FBLN5	-0.239769571	4.02E-07
NR2F1-AS1	ITM2A	-0.539569581	0
NR2F1-AS1	SRF	-0.435060579	0
NR2F1-AS1	FGFR2	-0.4892591	0
NR2F1-AS1	MT1A	-0.210919552	8.32E-06
NR2F1-AS1	MAMDC2	-0.154953236	0.001139269
NR2F1-AS1	FHL2	-0.302142734	1.27E-10
NR2F1-AS1	FTCDNL1	-0.562959801	0
NR2F1-AS1	PKIA	-0.497545934	0
NR2F1-AS1	DNAJB4	-0.459319551	0
NR2F1-AS1	SLC25A33	-0.546629382	0
NR2F1-AS1	EYA2	-0.34593126	1.19E-13
NR2F1-AS1	LPAR1	-0.197101133	3.31E-05
NR2F1-AS1	STX11	-0.182904654	0.000119249
NR2F1-AS1	ARHGEF28	-0.417952893	0
NR2F1-AS1	OR2W3	-0.63224965	0
NR2F1-AS1	ALDH1B1	-0.529579727	4.19E-33

NR2F1-AS1	CXCL12	-0.136294845	0.004251534
NR2F1-AS1	OLFM2	-0.447991444	0
NR2F1-AS1	TUB	-0.564646102	0
NR2F1-AS1	HTRA3	-0.154418936	0.001185521
NR2F1-AS1	CKB	-0.388319996	0
NR2F1-AS1	RGS2	-0.009001552	0.850763221
NR2F1-AS1	SHANK2	-0.586866449	0
NR2F1-AS1	CNTFR	-0.524756514	1.97E-32
NR2F1-AS1	CYTH3	-0.533381369	0
NR2F1-AS1	PLAC9	-0.282545523	1.98E-09
NR2F1-AS1	WVOX	-0.668237418	0
NR2F1-AS1	NPR3	-0.46032163	0
NR2F1-AS1	SDC2	-0.409022544	0
NR2F1-AS1	KLF15	-0.623278877	0
NR2F1-AS1	TMEM164	-0.581125166	0
NR2F1-AS1	LONRF3	-0.26714045	1.49E-08
NR2F1-AS1	GBP1	-0.03302167	0.489984145
NR2F1-AS1	ARHGAP6	-0.381176085	3.20E-17
NR2F1-AS1	TMEM119	-0.032065688	0.502640558
NR2F1-AS1	SH3RF1	-0.495637799	0
NR2F1-AS1	CRELD2	-0.533826028	0
NR2F1-AS1	PCP4	-0.146205148	0.002152042
NR2F1-AS1	GCSH	-0.660097102	0
NR2F1-AS1	IMPA2	-0.626726654	0
NR2F1-AS1	C1R	0.12153116	0.010855318
NR2F1-AS1	SUCNR1	-0.290772076	6.40E-10
NR2F1-AS1	SFRP1	-0.308029542	5.32E-11
NR2F1-AS1	UGT8	-0.565684208	0
NR2F1-AS1	TLE4	-0.147842232	0.001915356
NR2F1-AS1	ANTXR1	-0.304681618	8.73E-11
NR2F1-AS1	GPX3	-0.458135211	0
NR2F1-AS1	DPY19L2	-0.482638426	0
NR2F1-AS1	FAM46C	-0.439505045	0
NR2F1-AS1	IL33	-0.163554955	0.000581112
NR2F1-AS1	PEG3	-0.593424856	0
NR2F1-AS1	FAHD2A	-0.597888187	0
NR2F1-AS1	PTGDS	-0.043587118	0.362110787
NR2F1-AS1	CHCHD10	-0.414420581	0
NR2F1-AS1	CD36	-0.614254915	0
NR2F1-AS1	ANKRD37	-0.445987002	0
NR2F1-AS1	TSPAN33	-0.511859428	0
NR2F1-AS1	PRDM16	-0.618328478	0
NR2F1-AS1	UST	-0.570985229	0
NR2F1-AS1	NEXN	-0.491342687	0
NR2F1-AS1	NUPR1L	-0.220318318	3.16E-06
NR2F1-AS1	SLC24A3	-0.491254606	0
NR2F1-AS1	MARC1	-0.611627099	0
NR2F1-AS1	MYH11	-0.256069069	5.91E-08
NR2F1-AS1	APOA1	-0.542452653	5.95E-35
NR2F1-AS1	TMEM178B	-0.422269564	0
NR2F1-AS1	CAPN6	-0.188668765	6.96E-05

NR2F1-AS1	PPM1L	-0.594334458	0
NR2F1-AS1	FZD8	-0.587991501	0
NR2F1-AS1	RCAN2	-0.545874667	0
NR2F1-AS1	COPZ2	-0.542195128	0
NR2F1-AS1	GAS1	-0.123437168	0.009667379
NR2F1-AS1	DACT1	-0.435377159	0
NR2F1-AS1	WBSCR17	-0.571334007	0
NR2F1-AS1	NCS1	-0.457988835	0
NR2F1-AS1	SPIRE2	-0.419365449	0
NR2F1-AS1	C15orf52	-0.368715693	1.45E-15
NR2F1-AS1	SPAG5	-0.423714175	0
NR2F1-AS1	ARL4D	-0.391671465	0
NR2F1-AS1	FAM189A2	-0.438309358	0
NR2F1-AS1	MAP1LC3A	-0.618472301	0
NR2F1-AS1	KLF6	-0.048510426	0.310402434
NR2F1-AS1	ADD3	-0.369665293	1.17E-15
NR2F1-AS1	TSPAN7	-0.556187645	0
NR2F1-AS1	KLF9	-0.394277155	0
NR2F1-AS1	KCNQ1	-0.606221118	0
NR2F1-AS1	MAN1A1	-0.045439085	0.342060196
NR2F1-AS1	MLF1	-0.345915658	1.19E-13
NR2F1-AS1	RARB	-0.580087769	0
NR2F1-AS1	CDC42EP2	-0.331251401	1.42E-12
NR2F1-AS1	FAM3B	-0.11553145	0.015481942
NR2F1-AS1	GADD45B	-0.183036988	0.000117884
NR2F1-AS1	TMEM47	-0.483078121	0
NR2F1-AS1	SDF2L1	-0.480626324	0
NR2F1-AS1	CCDC85A	-0.343292238	1.88E-13
NR2F1-AS1	CRYBG3	-0.23557871	6.44E-07
NR2F1-AS1	FBLN2	0.023049101	0.629947261
NR2F1-AS1	PEBP4	-0.238046392	4.88E-07
NR2F1-AS1	CDADC1	-0.64072371	0
NR2F1-AS1	FAM63A	-0.572500759	0
NR2F1-AS1	GLUL	-0.280851278	2.49E-09
NR2F1-AS1	FREM2	-0.430284497	0
NR2F1-AS1	ACKR3	-0.559409759	0
NR2F1-AS1	DENND6A	-0.677010329	0
NR2F1-AS1	CLDN8	-0.06117634	0.200697413
NR2F1-AS1	UTS2R	-0.219595092	3.41E-06
NR2F1-AS1	SCNN1B	-0.351096827	4.72E-14
NR2F1-AS1	TTC30A	-0.565364082	0
NR2F1-AS1	CORO2B	-0.558420587	0
NR2F1-AS1	TC2N	-0.267106976	1.50E-08
NR2F1-AS1	ALDH2	-0.475764431	0
NR2F1-AS1	GPR183	0.055257051	0.247841798
NR2F1-AS1	C4orf47	-0.45035516	0
NR2F1-AS1	SLC25A42	-0.6782419	0
NR2F1-AS1	LGMN	-0.562467909	0
NR2F1-AS1	ACSF2	-0.54606714	0
NR2F1-AS1	KIAA1467	-0.630705611	0
NR2F1-AS1	PRKG1	-0.56813487	0

NR2F1-AS1	GNAI1	-0.552125713	0
NR2F1-AS1	ABCC4	-0.366659055	2.28E-15
NR2F1-AS1	PRPS1	-0.638504668	0
NR2F1-AS1	TSPAN5	-0.321403932	6.88E-12
NR2F1-AS1	CR2	-0.110257393	0.020854341
NR2F1-AS1	CCDC170	-0.458318606	0
NR2F1-AS1	RRAD	0.096645836	0.043010282
NR2F1-AS1	SCGB2A1	-0.442457952	0
NR2F1-AS1	SESN3	-0.217263139	4.59E-06
NR2F1-AS1	SGK223	-0.271010334	9.08E-09
NR2F1-AS1	NDRG2	-0.619090569	0
NR2F1-AS1	C3orf52	-0.259049918	4.11E-08
NR2F1-AS1	FLRT3	0.40138816	0
NR2F1-AS1	MST1R	0.645115129	0
NR2F1-AS1	SDC1	0.377584627	1.45E-16
NR2F1-AS1	ST8SIA4	0.578444727	0
NR2F1-AS1	UBTD1	0.401417804	0
NR2F1-AS1	EPHA2	0.396668813	0
NR2F1-AS1	TMEM130	0.314300587	2.07E-11
NR2F1-AS1	SPINK2	0.517208674	0
NR2F1-AS1	MMP16	0.628034676	0
NR2F1-AS1	SIGLEC15	0.531372671	0
NR2F1-AS1	RIN1	0.611229529	0
NR2F1-AS1	IL1RN	0.571175575	0
NR2F1-AS1	FCER1G	0.460172843	0
NR2F1-AS1	CD276	0.632928625	0
NR2F1-AS1	CTSB	0.425838754	0
NR2F1-AS1	FAM171A2	0.086361509	0.070665356
NR2F1-AS1	ASPHD1	0.536808012	0
NR2F1-AS1	C15orf48	0.569610827	0
NR2F1-AS1	DYSF	0.127153584	0.007678547
NR2F1-AS1	PDZRN4	0.207961035	1.17E-05
NR2F1-AS1	EFHD2	0.29516151	3.45E-10
NR2F1-AS1	ASF1B	0.37973814	6.53E-17
NR2F1-AS1	AQP1	0.147228219	0.002001183
NR2F1-AS1	ARRDC2	0.511068402	0
NR2F1-AS1	PRSS1	0.456387611	5.69E-24
NR2F1-AS1	MAPK13	0.645912538	0
NR2F1-AS1	CST5	0.615173887	4.65E-47
NR2F1-AS1	AHR	0.576404968	0
NR2F1-AS1	BAX	0.49530122	0
NR2F1-AS1	C1orf115	0.216656502	4.88E-06
NR2F1-AS1	PLK3	0.503912861	0
NR2F1-AS1	JAG2	0.259329337	3.97E-08
NR2F1-AS1	RAD23B	0.496972628	0
NR2F1-AS1	CA12	-0.117913746	0.013470247
NR2F1-AS1	ADTRP	0.277927589	3.67E-09
NR2F1-AS1	UCP2	0.324340245	4.33E-12
NR2F1-AS1	IGFBP2	0.261243713	3.13E-08
NR2F1-AS1	LOXL2	0.26400202	2.22E-08
NR2F1-AS1	GPX1	0.454074555	0

NR2F1-AS1	P3H3	0.465192175	0
NR2F1-AS1	C2orf81	0.388307372	0
NR2F1-AS1	CDT1	0.418679525	0
NR2F1-AS1	SNX25	0.396840011	0
NR2F1-AS1	MTHFD1L	0.492589577	0
NR2F1-AS1	CDC42BPG	0.628759345	1.10E-49
NR2F1-AS1	MSN	0.496542011	0
NR2F1-AS1	SIGLEC6	0.429725548	3.72E-21
NR2F1-AS1	F2R	0.212677119	7.31E-06
NR2F1-AS1	TMEM184A	0.608639867	0
NR2F1-AS1	CKS2	0.280886312	2.47E-09
NR2F1-AS1	TAX1BP3	0.64389377	0
NR2F1-AS1	PMEP1	0.574087916	0
NR2F1-AS1	CXCL16	0.619623309	0
NR2F1-AS1	FAXC	0.654189018	0
NR2F1-AS1	VTCN1	0.61541564	4.18E-47
NR2F1-AS1	SH2D4A	0.584884133	0
NR2F1-AS1	RNF24	0.377881209	1.31E-16
NR2F1-AS1	LY6G6C	0.499985426	3.82E-29
NR2F1-AS1	NID1	0.364180876	3.83E-15
NR2F1-AS1	STAC	0.699916032	0
NR2F1-AS1	RAB34	0.537264302	0
NR2F1-AS1	HES4	0.369872517	1.12E-15
NR2F1-AS1	EPHA10	0.536587172	0
NR2F1-AS1	ENTPD2	0.424676257	0
NR2F1-AS1	DDB2	0.601667579	0
NR2F1-AS1	NKAIN4	0.416178085	0
NR2F1-AS1	TRIM29	0.466042063	0
NR2F1-AS1	ADCY8	0.628964966	1.00E-49
NR2F1-AS1	SFTA2	0.474041961	0
NR2F1-AS1	NRIP1	0.457223765	0
NR2F1-AS1	VWA1	0.166353821	0.000473102
NR2F1-AS1	APLNR	0.19278744	4.94E-05
NR2F1-AS1	REN	0.470631963	1.40E-25
NR2F1-AS1	EDIL3	0.260446021	3.46E-08
NR2F1-AS1	AGR1	0.369123475	1.33E-15
NR2F1-AS1	TREM1	0.587577337	0
NR2F1-AS1	SRL	0.270127398	1.02E-08
NR2F1-AS1	RASGRF1	0.521640233	0
NR2F1-AS1	RMI2	0.475140206	0
NR2F1-AS1	SAMD1	0.443973198	0
NR2F1-AS1	MGAT4B	0.58671213	0
NR2F1-AS1	NXN	0.658549942	0
NR2F1-AS1	SH3BGRL3	0.592518659	0
NR2F1-AS1	CA11	0.339830703	3.40E-13
NR2F1-AS1	PLD3	0.262368907	2.72E-08
NR2F1-AS1	LURAP1L	0.55869107	0
NR2F1-AS1	CARNS1	0.143188981	0.002659324
NR2F1-AS1	PDLIM7	0.498610422	0
NR2F1-AS1	BCL2L1	0.719656924	0
NR2F1-AS1	GGT6	0.273532482	6.55E-09

NR2F1-AS1	DPYSL3	0.459621805	0
NR2F1-AS1	FYN	0.561212934	0
NR2F1-AS1	TK1	0.367093218	2.07E-15
NR2F1-AS1	AK1	0.374448041	3.63E-16
NR2F1-AS1	HIGD1B	0.03410176	0.475892972
NR2F1-AS1	TMEM59L	0.410837775	0
NR2F1-AS1	MEGF9	0.402521013	0
NR2F1-AS1	ZFP36L1	0.466515374	0
NR2F1-AS1	ADRA1B	0.423016337	0
NR2F1-AS1	EPHA4	0.595808996	0
NR2F1-AS1	TCERG1L	0.215600666	5.44E-06
NR2F1-AS1	NGFR	0.271910716	8.09E-09
NR2F1-AS1	EBI3	0.637097502	0
NR2F1-AS1	S100A10	0.653612166	0
NR2F1-AS1	S100B	0.631797474	0
NR2F1-AS1	CD44	0.263802313	2.27E-08
NR2F1-AS1	BHLHE41	0.395127044	0
NR2F1-AS1	FBXO2	0.474988724	0
NR2F1-AS1	SLC30A2	0.4100537	0
NR2F1-AS1	FRMD5	0.671322518	0
NR2F1-AS1	SAMD11	0.305491083	7.74E-11
NR2F1-AS1	SIPA1L2	0.400421114	0
NR2F1-AS1	S100A16	0.588467507	0
NR2F1-AS1	PPL	0.598725593	0
NR2F1-AS1	ARHGDIB	0.273837148	6.29E-09
NR2F1-AS1	CDC42EP3	0.702763129	0
NR2F1-AS1	RUNX2	0.574426765	0
NR2F1-AS1	LAMC2	0.580212444	0
NR2F1-AS1	BRINP1	0.461932049	0
NR2F1-AS1	GPRC5B	0.448255687	0
NR2F1-AS1	AQP5	0.241705932	3.22E-07
NR2F1-AS1	PLAG1	0.377025789	1.73E-16
NR2F1-AS1	PTPRU	0.557177952	0
NR2F1-AS1	ANGPTL4	0.513076816	0
NR2F1-AS1	PALM3	0.31916943	9.76E-12
NR2F1-AS1	ACP5	0.462565777	0
NR2F1-AS1	DLG4	0.269185316	1.15E-08
NR2F1-AS1	ETNK2	0.445257676	0
NR2F1-AS1	CD109	0.567874883	0
NR2F1-AS1	SNX22	0.326301285	3.17E-12
NR2F1-AS1	TMEM98	0.468923343	0
NR2F1-AS1	CTHRC1	0.487279053	0
NR2F1-AS1	S100A2	0.624792989	0
NR2F1-AS1	C11orf80	0.711078615	0
NR2F1-AS1	SREBF1	0.533931271	0
NR2F1-AS1	PRSS22	0.655840995	0
NR2F1-AS1	CMTM3	0.648655526	0
NR2F1-AS1	RDH5	0.402095076	0
NR2F1-AS1	MYH10	0.572909108	0
NR2F1-AS1	EVPL	0.511819997	0
NR2F1-AS1	SCD	0.430859788	0

NR2F1-AS1	CD151	0.528292678	0
NR2F1-AS1	S100A4	0.538943512	0
NR2F1-AS1	BNIP1	0.431976614	0
NR2F1-AS1	MAP3K6	0.60827492	0
NR2F1-AS1	MANEAL	0.390056224	0
NR2F1-AS1	CD207	0.584131534	1.62E-41
NR2F1-AS1	CD1A	0.61912883	8.24E-48
NR2F1-AS1	C3	0.507905151	0
NR2F1-AS1	NT5E	0.633149607	0
NR2F1-AS1	CACNG4	0.581324008	4.80E-41
NR2F1-AS1	FHOD1	0.492863748	0
NR2F1-AS1	LEMD1	0.556836408	0
NR2F1-AS1	ATP11A	0.350446929	5.31E-14
NR2F1-AS1	PPAP2C	0.420967499	0
NR2F1-AS1	DRAM1	0.651365892	0
NR2F1-AS1	CDA	0.204656655	1.61E-05
NR2F1-AS1	CCND2	0.357805723	1.35E-14
NR2F1-AS1	LCN6	0.255349609	5.79E-08
NR2F1-AS1	CDH4	0.422327718	0
NR2F1-AS1	MMP11	0.608735891	0
NR2F1-AS1	B3GAT1	0.253640108	7.93E-08
NR2F1-AS1	SPP1	0.36200779	5.95E-15
NR2F1-AS1	HLA-DQB1	0.493413651	0
NR2F1-AS1	SDC3	0.521999648	0
NR2F1-AS1	CX3CL1	0.50208685	0
NR2F1-AS1	SDK1	0.471025653	0
NR2F1-AS1	DOCK9	0.475885702	0
NR2F1-AS1	CSF2	0.724796995	1.03E-72
NR2F1-AS1	GRHL3	0.7499166	0
NR2F1-AS1	TMEM92	0.70831045	4.28E-68
NR2F1-AS1	BASP1	0.609728325	0
NR2F1-AS1	HRH1	0.60870185	0
NR2F1-AS1	ESM1	-0.007976778	0.867586573
NR2F1-AS1	B4GALNT3	0.495094705	0
NR2F1-AS1	LMO3	0.374472011	3.61E-16
NR2F1-AS1	C9orf16	0.55371897	0
NR2F1-AS1	SEMA3F	0.245467594	2.09E-07
NR2F1-AS1	PLA2G12B	0.261831405	2.58E-08
NR2F1-AS1	KLK6	0.439609032	3.60E-22
NR2F1-AS1	ST3GAL5	0.415539818	0
NR2F1-AS1	FAM132B	0.135321843	0.004535233
NR2F1-AS1	CDKN1A	0.335700406	6.82E-13
NR2F1-AS1	E2F1	0.436140527	0
NR2F1-AS1	B3GNT8	0.408632775	0
NR2F1-AS1	MTMR11	0.650642948	0
NR2F1-AS1	MYO1G	0.621727179	0
NR2F1-AS1	TMSB10	0.622527708	0
NR2F1-AS1	UNC5CL	0.709409475	0
NR2F1-AS1	ABR	0.61751646	0
NR2F1-AS1	PLP2	0.660892382	0
NR2F1-AS1	SRCIN1	0.360129299	8.63E-15

NR2F1-AS1	PDE9A	0.621794126	0
NR2F1-AS1	TREM2	0.414598587	0
NR2F1-AS1	KDELR3	0.471606901	0
NR2F1-AS1	PC	0.430155425	0
NR2F1-AS1	C2CD4A	0.619429276	0
NR2F1-AS1	PELI1	0.646027142	0
NR2F1-AS1	SSX1	0.321418542	6.87E-12
NR2F1-AS1	MROH6	0.604420638	0
NR2F1-AS1	ESPN	0.500691314	0
NR2F1-AS1	BMP1	0.442939064	0
NR2F1-AS1	TM4SF4	0.561291059	8.35E-38
NR2F1-AS1	CORO2A	0.537929944	0
NR2F1-AS1	CD164L2	0.584069583	1.66E-41
NR2F1-AS1	CTSS	0.521576406	0
NR2F1-AS1	CLU	0.51127279	0
NR2F1-AS1	TMSB4X	0.653711878	0
NR2F1-AS1	WNT10A	0.570156069	3.28E-39
NR2F1-AS1	NAPSA	0.631009426	0
NR2F1-AS1	PLEKHA4	0.438661823	0
NR2F1-AS1	SFTPA1	0.251793669	8.94E-08
NR2F1-AS1	C1orf116	0.60009957	0
NR2F1-AS1	TM4SF1	0.586959069	0
NR2F1-AS1	SEL1L3	0.481316504	0
NR2F1-AS1	VASN	0.603208356	0
NR2F1-AS1	NPTXR	0.575906127	0
NR2F1-AS1	PDE4C	0.55036906	0
NR2F1-AS1	CDC42EP1	0.649769656	0
NR2F1-AS1	ENDOD1	0.628955767	0
NR2F1-AS1	RYR1	0.555985385	0
NR2F1-AS1	IL1RAP	0.58070008	0
NR2F1-AS1	SLC35F2	0.598963759	4.33E-44
NR2F1-AS1	ISYNA1	0.456196439	0
NR2F1-AS1	HLA-G	0.620700704	0
NR2F1-AS1	CDKN2B	0.621993549	0
NR2F1-AS1	ALDH1A3	0.547867195	0
NR2F1-AS1	CLIP3	0.436300944	0
NR2F1-AS1	ULBP2	0.449842986	0
NR2F1-AS1	ETHE1	0.658913471	0
NR2F1-AS1	XPR1	0.566996343	0
NR2F1-AS1	SPTBN2	0.607413969	0
NR2F1-AS1	IVL	0.728578153	8.03E-74
NR2F1-AS1	MARCO	0.529650343	0
NR2F1-AS1	PLXND1	0.326562974	3.04E-12
NR2F1-AS1	EMILIN2	0.569722879	0
NR2F1-AS1	PLAUR	0.642638795	0
NR2F1-AS1	CDC42EP5	0.615929303	0
NR2F1-AS1	TRPC5	0.283525643	1.47E-09
NR2F1-AS1	TMEM100	0.61607965	0
NR2F1-AS1	QSOX1	0.593311812	0
NR2F1-AS1	ARHGAP23	0.47104395	0
NR2F1-AS1	MDFI	0.44843738	0

NR2F1-AS1	FSTL3	0.563529844	0
NR2F1-AS1	INF2	0.46523501	0
NR2F1-AS1	TGFBR1	0.57315633	0
NR2F1-AS1	TGFBI	0.418915683	0
NR2F1-AS1	ERBB3	0.622527566	0
NR2F1-AS1	CCL18	0.365933983	2.66E-15
NR2F1-AS1	CCL17	0.664309263	3.28E-57
NR2F1-AS1	C16orf45	0.386429591	0
NR2F1-AS1	PRDM1	0.301152852	1.46E-10
NR2F1-AS1	TRIM47	0.601496524	0
NR2F1-AS1	CNFN	0.460567434	0
NR2F1-AS1	ARMCX3	0.354473259	2.54E-14
NR2F1-AS1	RAMP1	0.364731346	3.42E-15
NR2F1-AS1	GABRD	0.070823109	0.13842044
NR2F1-AS1	COL13A1	0.305760715	7.44E-11
NR2F1-AS1	S100A5	0.445523478	0
NR2F1-AS1	MISP	0.554510563	0
NR2F1-AS1	HES6	0.22798943	1.48E-06
NR2F1-AS1	PSD3	0.521359963	0
NR2F1-AS1	DOK7	0.487391105	0
NR2F1-AS1	ZMAT3	0.542871833	0
NR2F1-AS1	MFAP2	0.464202577	0
NR2F1-AS1	TMEM79	0.598890834	0
NR2F1-AS1	SLC1A5	0.473902535	0
NR2F1-AS1	BBC3	0.553847616	0
NR2F1-AS1	HLA-DQB2	0.553751734	0
NR2F1-AS1	C1QL1	0.331880165	1.28E-12
NR2F1-AS1	TMEM215	0.143209977	0.00263368
NR2F1-AS1	PNP	0.533042236	0
NR2F1-AS1	ARNTL	0.514200592	0
NR2F1-AS1	CLDN2	0.435223778	1.02E-21
NR2F1-AS1	MVP	0.756535146	0
NR2F1-AS1	LGALS1	0.619817058	0
NR2F1-AS1	BIRC7	0.504518721	1.00E-29
NR2F1-AS1	COL8A1	0.619422893	0
NR2F1-AS1	PERP	0.693760443	0
NR2F1-AS1	GJA4	0.195204912	3.95E-05
NR2F1-AS1	IGFL2	0.683008668	1.33E-61
NR2F1-AS1	DAPK2	0.415330466	0
NR2F1-AS1	MAMLD1	0.566370558	0
NR2F1-AS1	ETV5	0.229105121	1.31E-06
NR2F1-AS1	RUNX1	0.700543945	0
NR2F1-AS1	LONRF2	0.226768638	1.69E-06
NR2F1-AS1	SPOCK1	0.182319151	0.000125469
NR2F1-AS1	XKRX	0.456855414	0
NR2F1-AS1	TGFBI	0.34259213	2.12E-13
NR2F1-AS1	ERP27	0.3576063	1.41E-14
NR2F1-AS1	TNFRSF10C	0.478474371	0
NR2F1-AS1	PALM	0.534041053	0
NR2F1-AS1	TSC22D1	0.429364825	0
NR2F1-AS1	TGM2	0.608706956	0

NR2F1-AS1	UBE2QL1	0.262804914	2.58E-08
NR2F1-AS1	ECE1	0.598200654	0
NR2F1-AS1	COL8A2	0.715770587	0
NR2F1-AS1	HIST3H2A	0.515843775	0
NR2F1-AS1	TNFRSF21	0.541799403	0
NR2F1-AS1	SOX4	0.589621919	0
NR2F1-AS1	ELF3	0.644035181	0
NR2F1-AS1	TPD52L1	0.436822763	0
NR2F1-AS1	INHBB	0.402588528	0
NR2F1-AS1	HPN	0.4245113	0
NR2F1-AS1	MMP7	0.542841849	5.21E-35
NR2F1-AS1	RAB27A	0.52631944	0
NR2F1-AS1	IGF2BP2	0.502790362	0
NR2F1-AS1	ITGB4	0.641614589	0
NR2F1-AS1	PPP1R1B	0.584287424	0
NR2F1-AS1	NPDC1	0.343676617	1.76E-13
NR2F1-AS1	CCL13	0.65940978	4.11E-56
NR2F1-AS1	SPINT1	0.670941401	0
NR2F1-AS1	HEY2	0.413744302	0
NR2F1-AS1	CST2	0.597058494	9.43E-44
NR2F1-AS1	ADM	0.297991161	2.30E-10
NR2F1-AS1	VSTM2L	0.541698131	0
NR2F1-AS1	FAM84A	0.596074232	0
NR2F1-AS1	P4HA2	0.487434649	0
NR2F1-AS1	LPL	0.39003197	0
NR2F1-AS1	TMEM173	0.635439284	0
NR2F1-AS1	DHRS3	0.51484127	0
NR2F1-AS1	SCN1B	0.647374595	0
NR2F1-AS1	GLT1D1	0.231009001	1.07E-06
NR2F1-AS1	PHYHIP	0.546789233	0
NR2F1-AS1	BHLHE40	0.588244822	0
NR2F1-AS1	BID	0.614269808	0
NR2F1-AS1	POSTN	0.464819994	0
NR2F1-AS1	ITGA3	0.727755966	0
NR2F1-AS1	RSPO4	0.513314535	0
NR2F1-AS1	ADAMTS9	0.227962623	1.49E-06
NR2F1-AS1	ABTB2	0.625793933	0
NR2F1-AS1	KCNQ3	0.655373358	0
NR2F1-AS1	ANXA1	0.538033627	0
NR2F1-AS1	S100A11	0.703736132	0
NR2F1-AS1	CEACAM6	0.690107102	2.35E-63
NR2F1-AS1	IER5L	0.546504708	0
NR2F1-AS1	KRT80	0.565607474	0
NR2F1-AS1	CDH6	0.679698	0
NR2F1-AS1	UNC5B	0.424430595	0
NR2F1-AS1	PLEKHN1	0.677940355	0
NR2F1-AS1	SYTL1	0.549041748	0
NR2F1-AS1	TMEM163	0.577925604	0
NR2F1-AS1	C4orf48	0.304972668	8.36E-11
NR2F1-AS1	B3GNT7	0.433705041	0
NR2F1-AS1	BAIAP3	0.473525248	0

NR2F1-AS1	PHLDA2	0.638994431	0
NR2F1-AS1	GAP43	0.607464507	1.26E-45
NR2F1-AS1	S100A1	0.420060735	0
NR2F1-AS1	PTPRE	0.683506469	0
NR2F1-AS1	CCND1	0.537854061	0
NR2F1-AS1	ST6GALNAC5	0.672866608	3.52E-59
NR2F1-AS1	KRT17	0.432368368	0
NR2F1-AS1	HPCAL4	0.37895137	8.96E-17
NR2F1-AS1	GABBR2	0.459430893	0
NR2F1-AS1	DIRAS3	0.388574452	0
NR2F1-AS1	SERINC2	0.456165235	0
NR2F1-AS1	PTCHD4	0.474982909	0
NR2F1-AS1	EPS8	0.405134646	0
NR2F1-AS1	LY6E	0.569375945	0
NR2F1-AS1	UPP1	0.657920895	0
NR2F1-AS1	AHNAK2	0.697700678	0
NR2F1-AS1	PLXNC1	0.517286117	0
NR2F1-AS1	TNC	0.579441133	0
NR2F1-AS1	DUSP4	0.483298536	0
NR2F1-AS1	NRCAM	0.431432668	0
NR2F1-AS1	NRP2	0.551409152	0
NR2F1-AS1	CTSC	0.802822559	0
NR2F1-AS1	AMIGO2	0.499453643	0
NR2F1-AS1	NAB2	0.420220018	0
NR2F1-AS1	TBC1D2	0.675369982	0
NR2F1-AS1	PHLDA3	0.601490566	0
NR2F1-AS1	PTP4A3	0.526391919	0
NR2F1-AS1	CRABP2	0.474945747	0
NR2F1-AS1	GOS2	0.469941024	0
NR2F1-AS1	S100A6	0.695442064	0
NR2F1-AS1	FOXQ1	0.58453181	0
NR2F1-AS1	LRG1	0.562431599	0
NR2F1-AS1	LAMP5	0.543756046	0
NR2F1-AS1	ALDH3B1	0.609219981	0
NR2F1-AS1	CDH2	-0.060083769	0.208868389
NR2F1-AS1	SCG5	0.22918072	1.30E-06
NR2F1-AS1	ZCCHC16	0.287863839	8.01E-10
NR2F1-AS1	GRB7	0.58757606	0
NR2F1-AS1	TIAM1	0.480390875	0
NR2F1-AS1	FXYD5	0.512890158	0
NR2F1-AS1	CLDN9	0.470589362	0
NR2F1-AS1	FAM43A	0.503995126	0
NR2F1-AS1	CHST2	0.478367143	0
NR2F1-AS1	HMGA2	0.551871541	0
NR2F1-AS1	GALNT7	0.538415736	0
NR2F1-AS1	CBLN1	0.613454528	0
NR2F1-AS1	STRA6	0.571085508	0
NR2F1-AS1	MUC21	0.657325034	1.19E-55
NR2F1-AS1	PRR36	0.507469001	0
NR2F1-AS1	NFE2L3	0.672297932	0
NR2F1-AS1	NR1D1	0.335637147	6.90E-13

NR2F1-AS1	MUC1	0.646750086	0
NR2F1-AS1	NAT8L	0.251588576	1.01E-07
NR2F1-AS1	APOC1	0.265670875	1.80E-08
NR2F1-AS1	EVA1A	0.668918378	0
NR2F1-AS1	ENTPD1	0.17136975	0.000315621
NR2F1-AS1	COL1A1	0.579725091	0
NR2F1-AS1	FNDC4	0.580367755	0
NR2F1-AS1	FRMD3	0.205179041	1.54E-05
NR2F1-AS1	SHROOM4	0.556533727	0
NR2F1-AS1	NELL2	0.399769515	0
NR2F1-AS1	EPHB3	0.660186601	0
NR2F1-AS1	TMC6	0.626704528	0
NR2F1-AS1	NOD1	0.530365911	0
NR2F1-AS1	GGCT	0.589393419	0
NR2F1-AS1	ICAM1	0.668100262	0
NR2F1-AS1	PRSS23	0.669775358	0
NR2F1-AS1	CFI	0.663824014	0
NR2F1-AS1	CD55	0.652157059	0
NR2F1-AS1	RASD2	0.483977227	0
NR2F1-AS1	KLK11	0.448363921	4.25E-23
NR2F1-AS1	ICAM5	0.530070039	0
NR2F1-AS1	ADORA1	0.553741664	0
NR2F1-AS1	ITGA2	0.652525552	0
NR2F1-AS1	ABCC3	0.344255738	1.59E-13
NR2F1-AS1	MFGE8	0.609682654	0
NR2F1-AS1	STK32A	0.389569156	0
NR2F1-AS1	CYSLTR2	0.439905735	0
NR2F1-AS1	LAD1	0.567945234	0
NR2F1-AS1	MGAT3	0.5666965	0
NR2F1-AS1	IGFBP6	0.662941787	0
NR2F1-AS1	CYP2S1	0.670970194	0
NR2F1-AS1	KCNJ2	0.625644011	0
NR2F1-AS1	FAM20A	0.668050051	0
NR2F1-AS1	TGFA	0.509143956	0
NR2F1-AS1	MXRA8	0.63734983	0
NR2F1-AS1	C8orf4	0.571198268	0
NR2F1-AS1	CLDN10	0.721391734	9.85E-72
NR2F1-AS1	PDE5A	0.534104596	0
NR2F1-AS1	APOE	0.241760965	3.20E-07
NR2F1-AS1	SPOCK2	0.517078467	0
NR2F1-AS1	TENM1	0.296626971	2.80E-10
NR2F1-AS1	SLIT1	0.30291759	1.13E-10
NR2F1-AS1	CXCL14	0.454304473	0
NR2F1-AS1	ECM1	0.352220035	3.85E-14
NR2F1-AS1	DUSP5	0.615017574	0
NR2F1-AS1	SEZ6L2	0.460341913	0
NR2F1-AS1	THRSP	0.153501533	0.001268992
NR2F1-AS1	C19orf33	0.618894408	0
NR2F1-AS1	MPZL2	0.642131585	0
NR2F1-AS1	CTSH	0.558921556	0
NR2F1-AS1	CYP1B1	0.552388395	0

NR2F1-AS1	ALOX5	0.730600368	0
NR2F1-AS1	SYTL5	0.624964208	6.14E-49
NR2F1-AS1	TNFRSF12A	0.517860557	0
NR2F1-AS1	DUSP6	0.554794946	0
NR2F1-AS1	ALOX15B	0.670880837	0
NR2F1-AS1	SDC4	0.608512355	0
NR2F1-AS1	MDK	0.548156685	0
NR2F1-AS1	KRT19	0.690446418	0
NR2F1-AS1	MET	0.697792589	0
NR2F1-AS1	TESC	0.256441108	5.65E-08
NR2F1-AS1	CXCL17	0.685817659	2.73E-62
NR2F1-AS1	NPC2	0.510187452	0
NR2F1-AS1	COMP	0.559321536	0
NR2F1-AS1	TUSC3	0.495171722	0
NR2F1-AS1	TMPRSS4	0.711899142	0
NR2F1-AS1	LGALS3	0.715180686	0
NR2F1-AS1	CRLF1	0.457017108	0
NR2F1-AS1	CTXN1	0.548329584	0
NR2F1-AS1	PCSK1N	0.363762031	4.17E-15
NR2F1-AS1	NMU	0.520061376	8.68E-32
NR2F1-AS1	GALE	0.589841908	0
NR2F1-AS1	PCSK2	0.30563136	7.59E-11
NR2F1-AS1	GJB3	0.496763844	0
NR2F1-AS1	SLPI	0.638179861	0
NR2F1-AS1	AGR2	0.292104069	5.31E-10
NR2F1-AS1	MRC2	0.563825007	0
NR2F1-AS1	GOLT1A	0.456636985	0
NR2F1-AS1	SLC27A6	0.607065284	1.49E-45
NR2F1-AS1	KCNN4	0.786298391	0
NR2F1-AS1	ETV4	0.371446709	8.26E-16
NR2F1-AS1	SYT12	0.620443128	0
NR2F1-AS1	PVRL4	0.704527867	0
NR2F1-AS1	PLCD3	0.507191852	0
NR2F1-AS1	PLAU	0.748281785	0
NR2F1-AS1	LRRK2	0.288643243	8.60E-10
NR2F1-AS1	SFN	0.686117549	0
NR2F1-AS1	LPAR5	0.475839605	0
NR2F1-AS1	NGEF	0.641822948	0
NR2F1-AS1	DTX4	0.631930942	0
NR2F1-AS1	CST6	0.605263718	0
NR2F1-AS1	QPCT	0.491509204	0
NR2F1-AS1	TIMP1	0.608153507	0
NR2F1-AS1	CAMK2N1	0.60230074	0
NR2F1-AS1	KLHDC8A	0.291459419	5.81E-10
NR2F1-AS1	PDLIM4	0.65095272	0
NR2F1-AS1	SCEL	0.613569558	0
NR2F1-AS1	LCN2	0.666129577	0
NR2F1-AS1	PROS1	0.649406553	0
NR2F1-AS1	GABRB2	0.630243364	0
NR2F1-AS1	TMPRSS6	0.639764323	0
NR2F1-AS1	KLK7	0.476871991	2.61E-26

NR2F1-AS1	PDZK1IP1	0.660145184	0
NR2F1-AS1	CDH3	0.525532386	0
NR2F1-AS1	LRP4	0.379242278	8.01E-17
NR2F1-AS1	IGSF1	0.347740676	8.62E-14
NR2F1-AS1	B3GNT3	0.690390251	0
NR2F1-AS1	CLDN1	0.607383899	0
NR2F1-AS1	GDF15	0.541382401	0
NR2F1-AS1	ARHGAP36	0.419959548	3.48E-20
NR2F1-AS1	LAMB3	0.603699822	0
NR2F1-AS1	KLK10	0.556282392	0
NR2F1-AS1	DPP4	0.641745504	0
NR2F1-AS1	METTL7B	0.406178567	0
NR2F1-AS1	LIPH	0.741576151	0
NR2F1-AS1	CLDN16	0.605680577	0
NR2F1-AS1	CHI3L1	0.657388296	0
NR2F1-AS1	SLC22A31	0.667693142	5.55E-58
NR2F1-AS1	TACSTD2	0.610841179	0
NR2F1-AS1	SFTPB	0.746634063	0
NR2F1-AS1	RXRG	0.424357265	0
NR2F1-AS1	DCSTAMP	0.576314198	3.26E-40
NR2F1-AS1	CITED1	0.466442044	0
NR2F1-AS1	SERPINA1	0.762859664	0
NR2F1-AS1	PRR15	0.437154237	0
NR2F1-AS1	SLC34A2	0.620478303	0
NR2F1-AS1	FN1	0.711975167	0
NR2F1-AS1	ZCCHC12	0.359960938	8.92E-15
RP11-363E7.4	TFF3	-0.388814015	0
RP11-363E7.4	CCL21	-0.387307913	3.67E-17
RP11-363E7.4	TPO	-0.379286105	7.87E-17
RP11-363E7.4	MT1G	-0.292807581	4.81E-10
RP11-363E7.4	DIO1	-0.252137627	9.50E-08
RP11-363E7.4	DPT	-0.442868799	1.64E-22
RP11-363E7.4	CDH16	-0.401225189	0
RP11-363E7.4	CRABP1	-0.473727844	6.11E-26
RP11-363E7.4	SLC26A7	-0.490087145	0
RP11-363E7.4	MT1H	-0.317774507	9.32E-12
RP11-363E7.4	SLC26A4	-0.547377857	0
RP11-363E7.4	SLC5A8	-0.446637946	6.51E-23
RP11-363E7.4	PKHD1L1	-0.278675028	2.84E-09
RP11-363E7.4	TFCP2L1	-0.46776354	0
RP11-363E7.4	WSCD2	-0.400668422	2.33E-18
RP11-363E7.4	IPCEF1	-0.437586982	0
RP11-363E7.4	SLC5A5	-0.34963569	4.55E-14
RP11-363E7.4	MT1F	-0.255162162	6.60E-08
RP11-363E7.4	FOSB	-0.261967933	2.86E-08
RP11-363E7.4	SEMA3D	-0.373080319	6.04E-16
RP11-363E7.4	BMP8A	-0.472846132	0
RP11-363E7.4	MATN2	-0.479889906	0
RP11-363E7.4	PLA2R1	-0.382772888	7.58E-18
RP11-363E7.4	COL23A1	-0.572388566	0
RP11-363E7.4	HGD	-0.466251415	0

RP11-363E7.4	TCEAL2	-0.367911477	1.73E-15
RP11-363E7.4	CHRDL1	-0.356246874	1.39E-14
RP11-363E7.4	TNFRSF11B	-0.364590786	3.52E-15
RP11-363E7.4	FAM167A	-0.503038435	0
RP11-363E7.4	KIT	-0.394315735	0
RP11-363E7.4	SLC4A4	-0.434259483	0
RP11-363E7.4	SMOC2	-0.477029618	0
RP11-363E7.4	FHL1	-0.434499471	0
RP11-363E7.4	OTOS	-0.37756789	1.45E-16
RP11-363E7.4	IGFBPL1	-0.530841708	2.78E-33
RP11-363E7.4	HBB	-0.357367588	1.47E-14
RP11-363E7.4	BEX1	-0.430767027	0
RP11-363E7.4	FABP4	-0.495608509	1.37E-28
RP11-363E7.4	LMOD1	-0.52074907	0
RP11-363E7.4	SOD3	-0.350842371	4.94E-14
RP11-363E7.4	TMEM171	-0.35337005	3.11E-14
RP11-363E7.4	PI16	-0.41855485	0
RP11-363E7.4	ZMAT4	-0.4124633	1.84E-19
RP11-363E7.4	MFAP4	-0.452357191	0
RP11-363E7.4	CWH43	-0.323606391	3.68E-12
RP11-363E7.4	SPX	-0.503164812	0
RP11-363E7.4	APOD	-0.284070272	1.61E-09
RP11-363E7.4	DPP6	-0.427273578	0
RP11-363E7.4	MMRN1	-0.443873345	0
RP11-363E7.4	WDR72	-0.562762789	0
RP11-363E7.4	MPPED2	-0.509343379	0
RP11-363E7.4	PAPSS2	-0.429826647	0
RP11-363E7.4	DCN	-0.358048123	1.29E-14
RP11-363E7.4	SORBS2	-0.411278889	0
RP11-363E7.4	EGR2	-0.345606028	1.26E-13
RP11-363E7.4	EDN3	-0.47749879	2.20E-26
RP11-363E7.4	DIO2	-0.572115671	0
RP11-363E7.4	ITPR1	-0.431592235	0
RP11-363E7.4	CFD	-0.346056786	1.16E-13
RP11-363E7.4	CPXM1	-0.377762633	1.36E-16
RP11-363E7.4	ELMO1	-0.455627105	0
RP11-363E7.4	GPC3	-0.446923498	6.07E-23
RP11-363E7.4	MYOC	-0.439199494	3.97E-22
RP11-363E7.4	DEPTOR	-0.336827586	5.65E-13
RP11-363E7.4	DGKI	-0.312505922	2.71E-11
RP11-363E7.4	CARTPT	-0.450374994	2.58E-23
RP11-363E7.4	IYD	-0.374975249	3.15E-16
RP11-363E7.4	LYVE1	-0.399672356	0
RP11-363E7.4	CLCNKB	-0.48473875	0
RP11-363E7.4	NCAM1	-0.328140912	2.36E-12
RP11-363E7.4	HBA2	-0.307910682	5.41E-11
RP11-363E7.4	GLT8D2	-0.506768326	0
RP11-363E7.4	OGDHL	-0.432824658	0
RP11-363E7.4	LIFR	-0.545406179	0
RP11-363E7.4	CSGALNACT1	-0.264084002	2.20E-08
RP11-363E7.4	RAP1GAP	-0.500478984	0

RP11-363E7.4	COL9A3	-0.38340151	7.04E-19
RP11-363E7.4	FBLN1	-0.299104582	1.96E-10
RP11-363E7.4	EFEMP1	-0.223876579	2.30E-06
RP11-363E7.4	AOX1	-0.408690305	4.20E-19
RP11-363E7.4	GRIN2C	-0.318248056	1.13E-11
RP11-363E7.4	C11orf74	-0.437358624	0
RP11-363E7.4	PPARGC1A	-0.430338537	0
RP11-363E7.4	ANGPTL1	-0.520817719	0
RP11-363E7.4	SCARA5	-0.392536978	1.27E-17
RP11-363E7.4	LTF	-0.405944252	0
RP11-363E7.4	CA4	-0.506050526	6.34E-30
RP11-363E7.4	TG	-0.552108693	0
RP11-363E7.4	FCGBP	-0.321140541	7.17E-12
RP11-363E7.4	PBX4	-0.430015006	0
RP11-363E7.4	CYR61	-0.28230908	2.04E-09
RP11-363E7.4	FOS	-0.21016802	9.40E-06
RP11-363E7.4	KHDRBS2	-0.429892601	0
RP11-363E7.4	MUM1L1	-0.254920614	6.80E-08
RP11-363E7.4	RGS16	-0.456231473	0
RP11-363E7.4	MT1M	-0.287635632	9.88E-10
RP11-363E7.4	LRP2	-0.366136527	2.54E-15
RP11-363E7.4	MAFB	-0.373771336	4.34E-16
RP11-363E7.4	KCNK2	-0.33277459	1.11E-12
RP11-363E7.4	TBC1D4	-0.514582559	0
RP11-363E7.4	MIOX	-0.438300225	4.93E-22
RP11-363E7.4	TPPP	-0.438361838	0
RP11-363E7.4	FMOD	-0.387049986	0
RP11-363E7.4	CITED2	-0.268317698	1.28E-08
RP11-363E7.4	RGS8	-0.463842984	8.36E-25
RP11-363E7.4	ABI3BP	-0.491819685	0
RP11-363E7.4	ADH1B	-0.394397933	8.64E-18
RP11-363E7.4	OGN	-0.380707305	1.37E-16
RP11-363E7.4	NR4A1	-0.220395612	3.32E-06
RP11-363E7.4	FOXJ1	-0.433959823	1.38E-21
RP11-363E7.4	ALDH1A1	-0.407398934	0
RP11-363E7.4	OCA2	-0.251250901	9.55E-08
RP11-363E7.4	TMEM139	-0.215141256	5.70E-06
RP11-363E7.4	ARHGAP24	-0.482466236	0
RP11-363E7.4	SLC25A15	-0.395568724	0
RP11-363E7.4	DES	-0.3193639	7.25E-12
RP11-363E7.4	GDF10	-0.456091211	6.14E-24
RP11-363E7.4	KIAA1324	-0.411037482	0
RP11-363E7.4	JUN	-0.29197443	5.41E-10
RP11-363E7.4	C7	-0.249256915	1.34E-07
RP11-363E7.4	LGI3	-0.434130269	0
RP11-363E7.4	CDON	-0.502684835	0
RP11-363E7.4	BCL2	-0.383507037	0
RP11-363E7.4	HLF	-0.542487171	0
RP11-363E7.4	EGR1	-0.315517833	1.71E-11
RP11-363E7.4	IP6K3	-0.318759095	1.04E-11
RP11-363E7.4	SCUBE3	-0.304893807	8.46E-11

RP11-363E7.4	PKNOX2	-0.380985598	3.57E-17
RP11-363E7.4	SMAD9	-0.211022731	8.63E-06
RP11-363E7.4	IQGAP2	-0.33357214	9.72E-13
RP11-363E7.4	GNA14	-0.280389598	2.64E-09
RP11-363E7.4	LAYN	-0.404147176	0
RP11-363E7.4	AVPR1A	-0.554023778	0
RP11-363E7.4	PDLIM3	-0.366634659	2.29E-15
RP11-363E7.4	GPM6A	-0.50851576	0
RP11-363E7.4	SDPR	-0.515885901	0
RP11-363E7.4	CRYAB	-0.296586406	2.82E-10
RP11-363E7.4	FOXA2	-0.254209522	6.66E-08
RP11-363E7.4	C8orf88	-0.555792061	0
RP11-363E7.4	ISM1	-0.385399002	0
RP11-363E7.4	BMP2	-0.165354862	0.000512139
RP11-363E7.4	ID4	-0.283187477	1.81E-09
RP11-363E7.4	NUPR1	-0.357375389	1.47E-14
RP11-363E7.4	SERTM1	-0.360988215	5.87E-15
RP11-363E7.4	IRS1	-0.53918194	0
RP11-363E7.4	FIBIN	-0.424968441	0
RP11-363E7.4	PODN	-0.362367772	5.54E-15
RP11-363E7.4	TDRD9	-0.310733241	3.55E-11
RP11-363E7.4	EPHA3	-0.442400083	0
RP11-363E7.4	AIF1L	-0.2645749	2.06E-08
RP11-363E7.4	EBF4	-0.303086092	1.10E-10
RP11-363E7.4	ADM2	-0.337122749	5.38E-13
RP11-363E7.4	GSTM3	-0.386450299	0
RP11-363E7.4	HSD17B6	-0.19335564	4.69E-05
RP11-363E7.4	AGR3	-0.182658215	0.000118781
RP11-363E7.4	EPHB1	-0.540162318	0
RP11-363E7.4	TMOD1	-0.367745669	1.80E-15
RP11-363E7.4	WASF3	-0.464195486	0
RP11-363E7.4	SELV	-0.337330164	3.82E-13
RP11-363E7.4	ENPP1	-0.433175847	0
RP11-363E7.4	SYNE1	-0.461330747	1.60E-24
RP11-363E7.4	PLCH1	-0.46826224	0
RP11-363E7.4	CCDC146	-0.441509346	0
RP11-363E7.4	SLC16A2	-0.440183878	0
RP11-363E7.4	IER2	-0.288357441	8.94E-10
RP11-363E7.4	KCNAB1	-0.397038441	0
RP11-363E7.4	SYNDIG1	-0.437682438	0
RP11-363E7.4	C16orf89	-0.459272886	0
RP11-363E7.4	CTGF	-0.177837381	0.00018422
RP11-363E7.4	NR4A3	-0.19208024	5.27E-05
RP11-363E7.4	KIAA1456	-0.507626583	0
RP11-363E7.4	AQP4	-0.504871113	0
RP11-363E7.4	RNF150	-0.413462897	0
RP11-363E7.4	C1S	-0.244965775	2.21E-07
RP11-363E7.4	PFKFB2	-0.518166925	0
RP11-363E7.4	PROX1	-0.498603897	0
RP11-363E7.4	TCF7L1	-0.42334781	0
RP11-363E7.4	HSPB6	-0.418121963	0

RP11-363E7.4	FHDC1	-0.482649773	0
RP11-363E7.4	PRR15L	-0.50504543	0
RP11-363E7.4	SLC1A1	-0.425113824	0
RP11-363E7.4	BTBD11	-0.528037088	0
RP11-363E7.4	TRIM58	-0.354576091	2.49E-14
RP11-363E7.4	LRIG1	-0.47925405	0
RP11-363E7.4	ROR2	-0.21830082	4.12E-06
RP11-363E7.4	GPR125	-0.376635028	1.95E-16
RP11-363E7.4	FLRT1	-0.397286514	0
RP11-363E7.4	PGF	-0.215005517	5.78E-06
RP11-363E7.4	DUSP1	-0.174575552	0.000242257
RP11-363E7.4	PLA2G7	-0.2875745	9.96E-10
RP11-363E7.4	PLSCR4	-0.449459884	0
RP11-363E7.4	FAM46B	-0.257550274	4.94E-08
RP11-363E7.4	GLDC	-0.205880142	1.43E-05
RP11-363E7.4	ZBTB16	-0.474285921	0
RP11-363E7.4	OMD	-0.328347008	1.71E-12
RP11-363E7.4	HSD11B2	-0.507275819	0
RP11-363E7.4	FGL2	-0.306131194	7.05E-11
RP11-363E7.4	CLCNKA	-0.451116274	2.15E-23
RP11-363E7.4	GATM	-0.500517138	0
RP11-363E7.4	TNS3	-0.375427143	2.78E-16
RP11-363E7.4	TOB1	-0.117364411	0.013912484
RP11-363E7.4	MARC2	-0.504520775	0
RP11-363E7.4	LRRC2	-0.412554856	0
RP11-363E7.4	SORD	-0.408519731	0
RP11-363E7.4	RIMS4	-0.433670433	0
RP11-363E7.4	SLC29A4	-0.315138419	1.82E-11
RP11-363E7.4	SLC39A14	-0.52345745	0
RP11-363E7.4	FAXDC2	-0.449329252	0
RP11-363E7.4	HSPB8	-0.053448202	0.263679544
RP11-363E7.4	CCL19	-0.134788464	0.004669363
RP11-363E7.4	KCNIP3	-0.470297461	0
RP11-363E7.4	CGNL1	-0.404668286	0
RP11-363E7.4	ATF3	-0.024841213	0.603572041
RP11-363E7.4	SGCD	-0.174300956	0.000247853
RP11-363E7.4	STARD13	-0.365374152	2.99E-15
RP11-363E7.4	LDHD	-0.499384711	0
RP11-363E7.4	RCAN1	-0.156444654	0.001018822
RP11-363E7.4	ID3	-0.083003515	0.082361139
RP11-363E7.4	SYTL3	-0.552728946	0
RP11-363E7.4	MT1E	-0.130819648	0.006083444
RP11-363E7.4	CAMK1D	-0.591784935	0
RP11-363E7.4	PRKCQ	-0.536249883	0
RP11-363E7.4	NUAK2	-0.283630293	1.71E-09
RP11-363E7.4	LIPG	-0.476189375	0
RP11-363E7.4	SLC25A25	-0.329910189	1.77E-12
RP11-363E7.4	PRKX	-0.331780879	1.30E-12
RP11-363E7.4	SRPX	-0.285478289	1.33E-09
RP11-363E7.4	FAM189A1	-0.527996806	0
RP11-363E7.4	PLEKHH1	-0.334905692	7.79E-13

RP11-363E7.4	WNT11	-0.387446847	0
RP11-363E7.4	SNAI1	-0.244735573	2.27E-07
RP11-363E7.4	FDCSP	-0.135948707	0.004322967
RP11-363E7.4	MT1X	-0.353787761	2.88E-14
RP11-363E7.4	ACACB	-0.534891934	0
RP11-363E7.4	ARC	-0.243335357	2.67E-07
RP11-363E7.4	KLK4	-0.28190293	1.83E-09
RP11-363E7.4	ZFPM2	-0.407327874	0
RP11-363E7.4	AKAP12	-0.325365727	3.68E-12
RP11-363E7.4	GJB6	-0.252662177	8.05E-08
RP11-363E7.4	ERO1LB	-0.357043916	1.57E-14
RP11-363E7.4	DNALI1	-0.299931067	1.74E-10
RP11-363E7.4	HKDC1	-0.283133012	1.83E-09
RP11-363E7.4	ZFP36L2	-0.336381082	6.09E-13
RP11-363E7.4	CAPSL	-0.416387457	7.74E-20
RP11-363E7.4	CYP7B1	-0.418293444	0
RP11-363E7.4	CPQ	-0.267540431	1.42E-08
RP11-363E7.4	RPS6KA6	-0.438287318	4.94E-22
RP11-363E7.4	TLE1	-0.293999864	4.07E-10
RP11-363E7.4	TP53INP2	-0.395085769	0
RP11-363E7.4	KATNAL2	-0.46932843	0
RP11-363E7.4	SGPP2	-0.289123645	8.04E-10
RP11-363E7.4	CTH	-0.267011946	1.52E-08
RP11-363E7.4	KIF12	-0.172910384	0.0002781
RP11-363E7.4	TMEM220	-0.439716666	0
RP11-363E7.4	CENPJ	-0.218493434	4.04E-06
RP11-363E7.4	FAM155B	-0.431698329	0
RP11-363E7.4	WFS1	-0.304250859	9.30E-11
RP11-363E7.4	SELENBP1	-0.570613048	0
RP11-363E7.4	SNTA1	-0.437523722	0
RP11-363E7.4	FRAS1	-0.06667026	0.163116942
RP11-363E7.4	FBLN7	-0.351172142	4.66E-14
RP11-363E7.4	AGPAT9	-0.362883634	4.99E-15
RP11-363E7.4	GPR83	-0.385057742	0
RP11-363E7.4	PRTG	-0.395898921	0
RP11-363E7.4	EGR3	-0.262455144	2.69E-08
RP11-363E7.4	GRAMD2	-0.108615046	0.0228881
RP11-363E7.4	HYOU1	-0.370170091	1.04E-15
RP11-363E7.4	FBLN5	-0.375376932	2.81E-16
RP11-363E7.4	ITM2A	-0.413829546	0
RP11-363E7.4	SRF	-0.330824329	1.53E-12
RP11-363E7.4	FGFR2	-0.349955605	5.80E-14
RP11-363E7.4	MT1A	-0.261466974	2.70E-08
RP11-363E7.4	MAMDC2	-0.22344582	2.41E-06
RP11-363E7.4	FHL2	-0.264742268	2.02E-08
RP11-363E7.4	FTCDNL1	-0.51623638	0
RP11-363E7.4	PKIA	-0.457155541	0
RP11-363E7.4	DNAJB4	-0.340946961	2.81E-13
RP11-363E7.4	SLC25A33	-0.407429996	0
RP11-363E7.4	EYA2	-0.355955032	1.92E-14
RP11-363E7.4	LPAR1	-0.237540317	5.17E-07

RP11-363E7.4	STX11	-0.301869272	1.32E-10
RP11-363E7.4	ARHGEF28	-0.380785182	3.99E-17
RP11-363E7.4	OR2W3	-0.328905982	2.08E-12
RP11-363E7.4	ALDH1B1	-0.504731705	9.40E-30
RP11-363E7.4	CXCL12	-0.368211604	1.62E-15
RP11-363E7.4	OLFM2	-0.307699203	5.58E-11
RP11-363E7.4	TUB	-0.450839534	0
RP11-363E7.4	HTRA3	-0.202251948	2.04E-05
RP11-363E7.4	CKB	-0.240842144	3.56E-07
RP11-363E7.4	RGS2	-0.179265255	0.000163162
RP11-363E7.4	SHANK2	-0.359580105	9.61E-15
RP11-363E7.4	CNTFR	-0.462116949	1.31E-24
RP11-363E7.4	CYTH3	-0.534214804	0
RP11-363E7.4	PLAC9	-0.359880942	9.06E-15
RP11-363E7.4	WWOX	-0.549375349	0
RP11-363E7.4	NPR3	-0.162386495	0.000646516
RP11-363E7.4	SDC2	-0.206237997	1.38E-05
RP11-363E7.4	KLF15	-0.479976994	0
RP11-363E7.4	TMEM164	-0.360342764	8.28E-15
RP11-363E7.4	LONRF3	-0.327489171	2.62E-12
RP11-363E7.4	GBP1	-0.149392937	0.00171339
RP11-363E7.4	ARHGAP6	-0.328293104	2.30E-12
RP11-363E7.4	TMEM119	-0.312576273	2.68E-11
RP11-363E7.4	SH3RF1	-0.399943123	0
RP11-363E7.4	CRELD2	-0.331198779	1.43E-12
RP11-363E7.4	PCP4	-0.241689621	3.23E-07
RP11-363E7.4	GCSH	-0.496855045	0
RP11-363E7.4	IMPA2	-0.334521314	8.30E-13
RP11-363E7.4	C1R	-0.18375284	0.000110751
RP11-363E7.4	SUCNR1	-0.3636531	4.27E-15
RP11-363E7.4	SFRP1	-0.350312751	5.44E-14
RP11-363E7.4	UGT8	-0.39176295	0
RP11-363E7.4	TLE4	-0.288144402	9.21E-10
RP11-363E7.4	ANTXR1	-0.372794929	5.56E-16
RP11-363E7.4	GPX3	-0.126241855	0.008129246
RP11-363E7.4	DPY19L2	-0.303170627	1.09E-10
RP11-363E7.4	FAM46C	-0.432544246	0
RP11-363E7.4	IL33	-0.250660119	1.03E-07
RP11-363E7.4	PEG3	-0.409594147	0
RP11-363E7.4	FAHD2A	-0.461837727	0
RP11-363E7.4	PTGDS	-0.28709509	1.06E-09
RP11-363E7.4	CHCHD10	-0.3187703	1.04E-11
RP11-363E7.4	CD36	-0.463467294	0
RP11-363E7.4	ANKRD37	-0.255206132	6.57E-08
RP11-363E7.4	TSPAN33	-0.380028055	5.76E-17
RP11-363E7.4	PRDM16	-0.394764791	0
RP11-363E7.4	UST	-0.556163674	0
RP11-363E7.4	NEXN	-0.442299946	0
RP11-363E7.4	NUPR1L	-0.258017293	4.16E-08
RP11-363E7.4	SLC24A3	-0.339768011	3.44E-13
RP11-363E7.4	MARC1	-0.417641419	0

RP11-363E7.4	MYH11	-0.284675775	1.48E-09
RP11-363E7.4	APOA1	-0.322547506	4.37E-12
RP11-363E7.4	TMEM178B	-0.147108934	0.00201826
RP11-363E7.4	CAPN6	-0.197101982	3.20E-05
RP11-363E7.4	PPM1L	-0.408582707	0
RP11-363E7.4	FZD8	-0.33865927	4.15E-13
RP11-363E7.4	RCAN2	-0.428505008	0
RP11-363E7.4	COPZ2	-0.43363086	0
RP11-363E7.4	GAS1	-0.37124933	8.11E-16
RP11-363E7.4	DACT1	-0.247881237	1.57E-07
RP11-363E7.4	WBSCR17	-0.332828062	1.10E-12
RP11-363E7.4	NCS1	-0.25552484	6.32E-08
RP11-363E7.4	SPIRE2	-0.247135315	1.72E-07
RP11-363E7.4	C15orf52	-0.262893704	2.55E-08
RP11-363E7.4	SPAG5	-0.284214804	1.58E-09
RP11-363E7.4	ARL4D	-0.328941157	2.07E-12
RP11-363E7.4	FAM189A2	-0.298915371	2.02E-10
RP11-363E7.4	MAP1LC3A	-0.395533832	0
RP11-363E7.4	KLF6	-0.061985379	0.194798583
RP11-363E7.4	ADD3	-0.516785999	0
RP11-363E7.4	TSPAN7	-0.44663151	0
RP11-363E7.4	KLF9	-0.461215346	0
RP11-363E7.4	KCNQ1	-0.549793201	0
RP11-363E7.4	MAN1A1	-0.190992917	5.81E-05
RP11-363E7.4	MLF1	-0.349095505	6.77E-14
RP11-363E7.4	RARB	-0.478462883	0
RP11-363E7.4	CDC42EP2	-0.310320212	3.77E-11
RP11-363E7.4	FAM3B	-0.175122476	0.00023146
RP11-363E7.4	GADD45B	-0.204410993	1.65E-05
RP11-363E7.4	TMEM47	-0.346119336	1.15E-13
RP11-363E7.4	SDF2L1	-0.267413203	1.44E-08
RP11-363E7.4	CCDC85A	-0.222843721	2.57E-06
RP11-363E7.4	CRYBG3	-0.161165277	0.000710759
RP11-363E7.4	FBLN2	-0.267598442	1.41E-08
RP11-363E7.4	PEBP4	-0.39998922	0
RP11-363E7.4	CDADC1	-0.541448781	0
RP11-363E7.4	FAM63A	-0.521026362	0
RP11-363E7.4	GLUL	-0.314199457	2.10E-11
RP11-363E7.4	FREM2	-0.313628137	2.29E-11
RP11-363E7.4	ACKR3	-0.347907619	8.37E-14
RP11-363E7.4	DENND6A	-0.437923561	0
RP11-363E7.4	CLDN8	-0.017569224	0.713441508
RP11-363E7.4	UTS2R	0.001497312	0.975044046
RP11-363E7.4	SCNN1B	-0.364465402	3.61E-15
RP11-363E7.4	TTC30A	-0.365626906	2.83E-15
RP11-363E7.4	CORO2B	-0.48858438	0
RP11-363E7.4	TC2N	-0.139226477	0.003491133
RP11-363E7.4	ALDH2	-0.493730515	0
RP11-363E7.4	GPR183	-0.123210086	0.009802568
RP11-363E7.4	C4orf47	-0.362718252	5.16E-15
RP11-363E7.4	SLC25A42	-0.468078135	0

RP11-363E7.4	LGMN	-0.376477872	2.05E-16
RP11-363E7.4	ACSF2	-0.320040736	8.52E-12
RP11-363E7.4	KIAA1467	-0.455465694	0
RP11-363E7.4	PRKG1	-0.479217314	0
RP11-363E7.4	GNAI1	-0.367254487	2.00E-15
RP11-363E7.4	ABCC4	-0.380557392	4.48E-17
RP11-363E7.4	PRPS1	-0.54549582	0
RP11-363E7.4	TSPAN5	-0.115614992	0.015407165
RP11-363E7.4	CR2	-0.182891206	0.000116383
RP11-363E7.4	CCDC170	-0.310406165	3.73E-11
RP11-363E7.4	RRAD	0.009015452	0.850535476
RP11-363E7.4	SCGB2A1	-0.268814695	1.20E-08
RP11-363E7.4	SESN3	-0.31191517	2.97E-11
RP11-363E7.4	SGK223	-0.193855048	4.48E-05
RP11-363E7.4	NDRG2	-0.590138773	0
RP11-363E7.4	C3orf52	-0.093899159	0.049309908
RP11-363E7.4	FLRT3	0.361494907	6.59E-15
RP11-363E7.4	MST1R	0.466702031	0
RP11-363E7.4	SDC1	0.449510804	0
RP11-363E7.4	ST8SIA4	0.505284142	0
RP11-363E7.4	UBTD1	0.394070641	0
RP11-363E7.4	EPHA2	0.488819546	0
RP11-363E7.4	TMEM130	0.261185276	3.15E-08
RP11-363E7.4	SPINK2	0.291302831	5.94E-10
RP11-363E7.4	MMP16	0.57980296	0
RP11-363E7.4	SIGLEC15	0.396747958	0
RP11-363E7.4	RIN1	0.437200617	0
RP11-363E7.4	IL1RN	0.387967105	0
RP11-363E7.4	FCER1G	0.189822193	6.46E-05
RP11-363E7.4	CD276	0.467186689	0
RP11-363E7.4	CTSB	0.206693152	1.32E-05
RP11-363E7.4	FAM171A2	0.168894408	0.000385941
RP11-363E7.4	ASPHD1	0.435474318	0
RP11-363E7.4	C15orf48	0.314909352	1.88E-11
RP11-363E7.4	DYSF	0.159819952	0.000788349
RP11-363E7.4	PDZRN4	-0.017403842	0.716021778
RP11-363E7.4	EFHD2	0.308049115	5.30E-11
RP11-363E7.4	ASF1B	0.371990996	6.78E-16
RP11-363E7.4	AQP1	0.101949835	0.032752999
RP11-363E7.4	ARRDC2	0.373359866	4.82E-16
RP11-363E7.4	PRSS1	0.166700104	0.000452562
RP11-363E7.4	MAPK13	0.485765509	0
RP11-363E7.4	CST5	0.598461364	5.32E-44
RP11-363E7.4	AHR	0.512173314	0
RP11-363E7.4	BAX	0.584875907	0
RP11-363E7.4	C1orf115	0.06632361	0.165319488
RP11-363E7.4	PLK3	0.469174394	0
RP11-363E7.4	JAG2	0.362643078	5.24E-15
RP11-363E7.4	RAD23B	0.278800739	3.27E-09
RP11-363E7.4	CA12	0.082889194	0.082785336
RP11-363E7.4	ADTRP	0.16575073	0.000496324

RP11-363E7.4	UCP2	0.341946771	2.37E-13
RP11-363E7.4	IGFBP2	0.387684991	0
RP11-363E7.4	LOXL2	0.269633947	1.08E-08
RP11-363E7.4	GPX1	0.480898084	0
RP11-363E7.4	P3H3	0.455624693	0
RP11-363E7.4	C2orf81	0.241851457	3.17E-07
RP11-363E7.4	CDT1	0.411499587	0
RP11-363E7.4	SNX25	0.341965919	2.36E-13
RP11-363E7.4	MTHFD1L	0.616435945	0
RP11-363E7.4	CDC42BPG	0.547219799	1.17E-35
RP11-363E7.4	MSN	0.286439945	1.16E-09
RP11-363E7.4	SIGLEC6	0.309248712	3.49E-11
RP11-363E7.4	F2R	0.440806259	0
RP11-363E7.4	TMEM184A	0.592877648	0
RP11-363E7.4	CKS2	0.458795179	0
RP11-363E7.4	TAX1BP3	0.606065098	0
RP11-363E7.4	PMEP1	0.331162752	1.44E-12
RP11-363E7.4	CXCL16	0.469935067	0
RP11-363E7.4	FAXC	0.663759336	0
RP11-363E7.4	VTCN1	0.587892197	3.71E-42
RP11-363E7.4	SH2D4A	0.497170491	0
RP11-363E7.4	RNF24	0.439824746	0
RP11-363E7.4	LY6G6C	0.399739587	2.84E-18
RP11-363E7.4	NID1	0.395731695	0
RP11-363E7.4	STAC	0.505777594	0
RP11-363E7.4	RAB34	0.418968447	0
RP11-363E7.4	HES4	0.357968836	1.31E-14
RP11-363E7.4	EPHA10	0.327011605	2.83E-12
RP11-363E7.4	ENTPD2	0.189715815	6.53E-05
RP11-363E7.4	DDB2	0.622014683	0
RP11-363E7.4	NKAIN4	0.395735525	0
RP11-363E7.4	TRIM29	0.564123149	0
RP11-363E7.4	ADCY8	0.310931733	2.70E-11
RP11-363E7.4	SFTA2	0.510828272	0
RP11-363E7.4	NRIP1	0.342849565	2.03E-13
RP11-363E7.4	VWA1	0.244524803	2.33E-07
RP11-363E7.4	APLNR	0.135809904	0.004390858
RP11-363E7.4	REN	0.286306537	9.96E-10
RP11-363E7.4	EDIL3	0.264425545	2.10E-08
RP11-363E7.4	AGR1	0.488157167	0
RP11-363E7.4	TREM1	0.450935132	0
RP11-363E7.4	SRL	0.398149167	0
RP11-363E7.4	RASGRF1	0.374236987	3.84E-16
RP11-363E7.4	RMI2	0.401388018	0
RP11-363E7.4	SAMD1	0.470049813	0
RP11-363E7.4	MGAT4B	0.462364652	0
RP11-363E7.4	NXN	0.562474859	0
RP11-363E7.4	SH3BGRL3	0.371023383	8.55E-16
RP11-363E7.4	CA11	0.130748588	0.006111291
RP11-363E7.4	PLD3	0.308016493	5.33E-11
RP11-363E7.4	LURAP1L	0.327113586	2.78E-12

RP11-363E7.4	CARNS1	0.319206875	9.70E-12
RP11-363E7.4	PDLIM7	0.251470142	1.03E-07
RP11-363E7.4	BCL2L1	0.69149119	0
RP11-363E7.4	GGT6	0.313153408	2.46E-11
RP11-363E7.4	DPYSL3	0.492429443	0
RP11-363E7.4	FYN	0.459848745	0
RP11-363E7.4	TK1	0.328676206	2.16E-12
RP11-363E7.4	AK1	0.252448393	9.15E-08
RP11-363E7.4	HIGD1B	0.075928679	0.112119085
RP11-363E7.4	TMEM59L	0.495419654	0
RP11-363E7.4	MEGF9	0.347541537	8.93E-14
RP11-363E7.4	ZFP36L1	0.460361628	0
RP11-363E7.4	ADRA1B	0.296675196	2.78E-10
RP11-363E7.4	EPHA4	0.517253069	0
RP11-363E7.4	TCERG1L	0.286108471	1.22E-09
RP11-363E7.4	NGFR	0.00637643	0.893976193
RP11-363E7.4	EBI3	0.361265272	6.90E-15
RP11-363E7.4	S100A10	0.507110579	0
RP11-363E7.4	S100B	0.207576372	1.21E-05
RP11-363E7.4	CD44	0.171751433	0.000305908
RP11-363E7.4	BHLHE41	0.235573462	6.45E-07
RP11-363E7.4	FBXO2	0.267496887	1.43E-08
RP11-363E7.4	SLC30A2	0.431477205	0
RP11-363E7.4	FRMD5	0.361699719	6.33E-15
RP11-363E7.4	SAMD11	0.349971633	5.78E-14
RP11-363E7.4	SIPA1L2	0.373617301	4.52E-16
RP11-363E7.4	S100A16	0.542750988	0
RP11-363E7.4	PPL	0.541537429	0
RP11-363E7.4	ARHGDIB	0.354807995	2.38E-14
RP11-363E7.4	CDC42EP3	0.573926648	0
RP11-363E7.4	RUNX2	0.173367951	0.000267786
RP11-363E7.4	LAMC2	0.536059396	0
RP11-363E7.4	BRINP1	0.18783931	7.72E-05
RP11-363E7.4	GPRC5B	0.282106111	2.10E-09
RP11-363E7.4	AQP5	0.267250374	1.47E-08
RP11-363E7.4	PLAG1	0.329491769	1.89E-12
RP11-363E7.4	PTPRU	0.605162872	0
RP11-363E7.4	ANGPTL4	0.396236352	0
RP11-363E7.4	PALM3	0.185808202	9.25E-05
RP11-363E7.4	ACP5	0.320312779	8.16E-12
RP11-363E7.4	DLG4	0.177678949	0.000186707
RP11-363E7.4	ETNK2	0.172049859	0.000298509
RP11-363E7.4	CD109	0.443588536	0
RP11-363E7.4	SNX22	0.111727236	0.019242452
RP11-363E7.4	TMEM98	0.410701895	0
RP11-363E7.4	CTHRC1	0.307362765	5.87E-11
RP11-363E7.4	S100A2	0.46569981	0
RP11-363E7.4	C11orf80	0.506982784	0
RP11-363E7.4	SREBF1	0.513953228	0
RP11-363E7.4	PRSS22	0.526426243	0
RP11-363E7.4	CMTM3	0.476768922	0

RP11-363E7.4	RDH5	0.226913312	1.66E-06
RP11-363E7.4	MYH10	0.319022771	9.98E-12
RP11-363E7.4	EVPL	0.564570219	0
RP11-363E7.4	SCD	0.366352687	2.43E-15
RP11-363E7.4	CD151	0.439597807	0
RP11-363E7.4	S100A4	0.351114698	4.70E-14
RP11-363E7.4	BNIP1	0.246554776	1.84E-07
RP11-363E7.4	MAP3K6	0.350957117	4.84E-14
RP11-363E7.4	MANEAL	0.3060529	7.13E-11
RP11-363E7.4	CD207	0.235364561	6.11E-07
RP11-363E7.4	CD1A	0.275685906	4.25E-09
RP11-363E7.4	C3	0.328818185	2.11E-12
RP11-363E7.4	NT5E	0.525191693	0
RP11-363E7.4	CACNG4	0.582926911	2.59E-41
RP11-363E7.4	FHOD1	0.35889716	1.10E-14
RP11-363E7.4	LEMD1	0.292082509	5.33E-10
RP11-363E7.4	ATP11A	0.349804407	5.96E-14
RP11-363E7.4	PPAP2C	0.450197154	0
RP11-363E7.4	DRAM1	0.632126961	0
RP11-363E7.4	CDA	0.3008184	1.53E-10
RP11-363E7.4	CCND2	0.346592505	1.06E-13
RP11-363E7.4	LCN6	0.105938583	0.026447252
RP11-363E7.4	CDH4	0.317634894	1.24E-11
RP11-363E7.4	MMP11	0.421631014	0
RP11-363E7.4	B3GAT1	0.464473061	0
RP11-363E7.4	SPP1	0.229399859	1.27E-06
RP11-363E7.4	HLA-DQB1	0.182220999	0.000126541
RP11-363E7.4	SDC3	0.430539804	0
RP11-363E7.4	CX3CL1	0.517176051	0
RP11-363E7.4	SDK1	0.397704508	0
RP11-363E7.4	DOCK9	0.358965951	1.08E-14
RP11-363E7.4	CSF2	0.453095436	1.31E-23
RP11-363E7.4	GRHL3	0.663673099	0
RP11-363E7.4	TMEM92	0.42403721	1.38E-20
RP11-363E7.4	BASP1	0.458850353	0
RP11-363E7.4	HRH1	0.611716173	0
RP11-363E7.4	ESM1	0.365622509	2.84E-15
RP11-363E7.4	B4GALNT3	0.414943535	0
RP11-363E7.4	LMO3	0.367373914	1.95E-15
RP11-363E7.4	C9orf16	0.465004099	0
RP11-363E7.4	SEMA3F	0.317109955	1.34E-11
RP11-363E7.4	PLA2G12B	0.14304518	0.002664142
RP11-363E7.4	KLK6	0.406163084	7.24E-19
RP11-363E7.4	ST3GAL5	0.325711668	3.48E-12
RP11-363E7.4	FAM132B	0.179366101	0.000161764
RP11-363E7.4	CDKN1A	0.614505683	0
RP11-363E7.4	E2F1	0.45704505	0
RP11-363E7.4	B3GNT8	0.403693013	0
RP11-363E7.4	MTMR11	0.402529665	0
RP11-363E7.4	MYO1G	0.46654984	0
RP11-363E7.4	TMSB10	0.439028047	0

RP11-363E7.4	UNC5CL	0.423473903	0
RP11-363E7.4	ABR	0.462785908	0
RP11-363E7.4	PLP2	0.427996522	0
RP11-363E7.4	SRCIN1	0.224064088	2.25E-06
RP11-363E7.4	PDE9A	0.532638568	0
RP11-363E7.4	TREM2	0.266188155	1.68E-08
RP11-363E7.4	KDELR3	0.545252144	0
RP11-363E7.4	PC	0.255411512	6.40E-08
RP11-363E7.4	C2CD4A	0.35496742	2.31E-14
RP11-363E7.4	PELI1	0.510108023	0
RP11-363E7.4	SSX1	0.428762017	0
RP11-363E7.4	MROH6	0.517597307	0
RP11-363E7.4	ESPN	0.289873396	7.25E-10
RP11-363E7.4	BMP1	0.318093312	1.15E-11
RP11-363E7.4	TM4SF4	0.451930866	1.75E-23
RP11-363E7.4	CORO2A	0.380882624	3.78E-17
RP11-363E7.4	CD164L2	0.276417814	3.86E-09
RP11-363E7.4	CTSS	0.323062859	5.30E-12
RP11-363E7.4	CLU	0.299118766	1.96E-10
RP11-363E7.4	TMSB4X	0.443732785	0
RP11-363E7.4	WNT10A	0.378671538	2.04E-16
RP11-363E7.4	NAPSA	0.519414099	0
RP11-363E7.4	PLEKHA4	0.234754069	7.06E-07
RP11-363E7.4	SFTPA1	0.247216054	1.55E-07
RP11-363E7.4	C1orf116	0.449342727	0
RP11-363E7.4	TM4SF1	0.510383045	0
RP11-363E7.4	SEL1L3	0.494392895	0
RP11-363E7.4	VASN	0.393384149	0
RP11-363E7.4	NPTXR	0.338339428	4.38E-13
RP11-363E7.4	PDE4C	0.584150835	0
RP11-363E7.4	CDC42EP1	0.473707651	0
RP11-363E7.4	ENDOD1	0.400862653	0
RP11-363E7.4	RYR1	0.523157323	0
RP11-363E7.4	IL1RAP	0.435595588	0
RP11-363E7.4	SLC35F2	0.449555569	3.17E-23
RP11-363E7.4	ISYNA1	0.351257954	4.58E-14
RP11-363E7.4	HLA-G	0.467533622	0
RP11-363E7.4	CDKN2B	0.529520278	0
RP11-363E7.4	ALDH1A3	0.661856591	0
RP11-363E7.4	CLIP3	0.323847361	4.68E-12
RP11-363E7.4	ULBP2	0.420656451	0
RP11-363E7.4	ETHE1	0.444092483	0
RP11-363E7.4	XPR1	0.532592187	0
RP11-363E7.4	SPTBN2	0.434074243	0
RP11-363E7.4	IVL	0.467408138	3.29E-25
RP11-363E7.4	MARCO	0.358550793	1.17E-14
RP11-363E7.4	PLXND1	0.300153893	1.69E-10
RP11-363E7.4	EMILIN2	0.407580344	0
RP11-363E7.4	PLAUR	0.473076618	0
RP11-363E7.4	CDC42EP5	0.482597151	0
RP11-363E7.4	TRPC5	0.101550436	0.033407352

RP11-363E7.4	TMEM100	0.290041615	7.08E-10
RP11-363E7.4	QSOX1	0.465730873	0
RP11-363E7.4	ARHGAP23	0.425240485	0
RP11-363E7.4	MDFI	0.558642704	0
RP11-363E7.4	FSTL3	0.479238732	0
RP11-363E7.4	INF2	0.248937782	1.39E-07
RP11-363E7.4	TGFBR1	0.290611091	6.54E-10
RP11-363E7.4	TGFBI	0.261313497	3.10E-08
RP11-363E7.4	ERBB3	0.472270132	0
RP11-363E7.4	CCL18	0.360968691	7.32E-15
RP11-363E7.4	CCL17	0.339029974	2.87E-13
RP11-363E7.4	C16orf45	0.33448472	8.35E-13
RP11-363E7.4	PRDM1	0.284452665	1.53E-09
RP11-363E7.4	TRIM47	0.525232684	0
RP11-363E7.4	CNFN	0.489115419	0
RP11-363E7.4	ARMCX3	0.1004926	0.035338269
RP11-363E7.4	RAMP1	0.197056029	3.33E-05
RP11-363E7.4	GABRD	0.231114811	1.05E-06
RP11-363E7.4	COL13A1	0.271200396	8.86E-09
RP11-363E7.4	S100A5	0.38605585	0
RP11-363E7.4	MISP	0.567206121	0
RP11-363E7.4	HES6	0.327085644	2.79E-12
RP11-363E7.4	PSD3	0.284969519	1.42E-09
RP11-363E7.4	DOK7	0.492651844	0
RP11-363E7.4	ZMAT3	0.67098764	0
RP11-363E7.4	MFAP2	0.294904359	3.58E-10
RP11-363E7.4	TMEM79	0.33680787	5.67E-13
RP11-363E7.4	SLC1A5	0.258368533	4.46E-08
RP11-363E7.4	BBC3	0.654381916	0
RP11-363E7.4	HLA-DQB2	0.173876863	0.000256735
RP11-363E7.4	C1QL1	0.267346114	1.45E-08
RP11-363E7.4	TMEM215	0.211530401	7.82E-06
RP11-363E7.4	PNP	0.359637408	9.50E-15
RP11-363E7.4	ARNTL	0.347497142	9.00E-14
RP11-363E7.4	CLDN2	0.078575575	0.100136932
RP11-363E7.4	MVP	0.445610141	0
RP11-363E7.4	LGALS1	0.407239084	0
RP11-363E7.4	BIRC7	0.375748812	3.61E-16
RP11-363E7.4	COL8A1	0.319575935	9.16E-12
RP11-363E7.4	PERP	0.656247075	0
RP11-363E7.4	GJA4	0.407507298	0
RP11-363E7.4	IGFL2	0.450645208	2.41E-23
RP11-363E7.4	DAPK2	0.427582783	0
RP11-363E7.4	MAMLD1	0.415249619	0
RP11-363E7.4	ETV5	0.235177311	6.74E-07
RP11-363E7.4	RUNX1	0.561742412	0
RP11-363E7.4	LONRF2	0.156891015	0.000985129
RP11-363E7.4	SPOCK1	0.255454205	6.37E-08
RP11-363E7.4	XKRX	0.410114122	0
RP11-363E7.4	TGFBI	0.303334875	1.06E-10
RP11-363E7.4	ERP27	0.454561482	0

RP11-363E7.4	TNFRSF10C	0.599983689	0
RP11-363E7.4	PALM	0.414843823	0
RP11-363E7.4	TSC22D1	0.182319576	0.000125464
RP11-363E7.4	TGM2	0.499109688	0
RP11-363E7.4	UBE2QL1	0.093237773	0.050937137
RP11-363E7.4	ECE1	0.423931044	0
RP11-363E7.4	COL8A2	0.488926775	0
RP11-363E7.4	HIST3H2A	0.384720453	0
RP11-363E7.4	TNFRSF21	0.534442594	0
RP11-363E7.4	SOX4	0.578302465	0
RP11-363E7.4	ELF3	0.551475815	0
RP11-363E7.4	TPD52L1	0.315602652	1.69E-11
RP11-363E7.4	INHBB	0.347859678	8.44E-14
RP11-363E7.4	HPN	0.341153902	2.72E-13
RP11-363E7.4	MMP7	0.424360944	1.28E-20
RP11-363E7.4	RAB27A	0.347586925	8.86E-14
RP11-363E7.4	IGF2BP2	0.38442529	0
RP11-363E7.4	ITGB4	0.57866571	0
RP11-363E7.4	PPP1R1B	0.383832836	0
RP11-363E7.4	NPDC1	0.303156869	1.09E-10
RP11-363E7.4	CCL13	0.385193333	5.62E-17
RP11-363E7.4	SPINT1	0.497139145	0
RP11-363E7.4	HEY2	0.229153346	1.31E-06
RP11-363E7.4	CST2	0.6129832	1.20E-46
RP11-363E7.4	ADM	0.157518644	0.00093949
RP11-363E7.4	VSTM2L	0.534945407	0
RP11-363E7.4	FAM84A	0.610089159	0
RP11-363E7.4	P4HA2	0.31427846	2.07E-11
RP11-363E7.4	LPL	0.470886227	0
RP11-363E7.4	TMEM173	0.467334767	0
RP11-363E7.4	DHRS3	0.414692341	0
RP11-363E7.4	SCN1B	0.3942729	0
RP11-363E7.4	GLT1D1	0.256803076	5.41E-08
RP11-363E7.4	PHYHIP	0.31602249	1.59E-11
RP11-363E7.4	BHLHE40	0.378647838	1.00E-16
RP11-363E7.4	BID	0.51034248	0
RP11-363E7.4	POSTN	0.318359966	1.11E-11
RP11-363E7.4	ITGA3	0.534355932	0
RP11-363E7.4	RSPO4	0.387446137	0
RP11-363E7.4	ADAMTS9	0.107901463	0.023803755
RP11-363E7.4	ABTB2	0.409863921	0
RP11-363E7.4	KCNQ3	0.544261695	0
RP11-363E7.4	ANXA1	0.383859218	0
RP11-363E7.4	S100A11	0.547890315	0
RP11-363E7.4	CEACAM6	0.630569578	4.81E-50
RP11-363E7.4	IER5L	0.337129557	5.37E-13
RP11-363E7.4	KRT80	0.568015301	0
RP11-363E7.4	CDH6	0.644455161	0
RP11-363E7.4	UNC5B	0.29882417	2.05E-10
RP11-363E7.4	PLEKHN1	0.537801014	0
RP11-363E7.4	SYTL1	0.588332478	0

RP11-363E7.4	TMEM163	0.591902518	0
RP11-363E7.4	C4orf48	0.274759941	5.58E-09
RP11-363E7.4	B3GNT7	0.36027142	8.40E-15
RP11-363E7.4	BAIAP3	0.347292045	9.33E-14
RP11-363E7.4	PHLDA2	0.425697342	0
RP11-363E7.4	GAP43	0.402690937	1.52E-18
RP11-363E7.4	S100A1	0.408647101	0
RP11-363E7.4	PTPRE	0.482648496	0
RP11-363E7.4	CCND1	0.615337416	0
RP11-363E7.4	ST6GALNAC5	0.610870405	2.97E-46
RP11-363E7.4	KRT17	0.431191829	0
RP11-363E7.4	HPCAL4	0.179131928	0.000165028
RP11-363E7.4	GABBR2	0.164125844	0.000564272
RP11-363E7.4	DIRAS3	0.230219819	1.16E-06
RP11-363E7.4	SERINC2	0.505251094	0
RP11-363E7.4	PTCHD4	0.713807561	0
RP11-363E7.4	EPS8	0.248058675	1.54E-07
RP11-363E7.4	LY6E	0.365515564	2.90E-15
RP11-363E7.4	UPP1	0.565810727	0
RP11-363E7.4	AHNAK2	0.549105008	0
RP11-363E7.4	PLXNC1	0.13506072	0.004614225
RP11-363E7.4	TNC	0.337246573	5.27E-13
RP11-363E7.4	DUSP4	0.328852226	2.10E-12
RP11-363E7.4	NRCAM	0.401871825	0
RP11-363E7.4	NRP2	0.225394094	1.96E-06
RP11-363E7.4	CTSC	0.454513967	0
RP11-363E7.4	AMIGO2	0.434434793	0
RP11-363E7.4	NAB2	0.272495369	7.50E-09
RP11-363E7.4	TBC1D2	0.564681845	0
RP11-363E7.4	PHLDA3	0.622523169	0
RP11-363E7.4	PTP4A3	0.425591248	0
RP11-363E7.4	CRABP2	0.223373341	2.43E-06
RP11-363E7.4	GOS2	0.129838419	0.006478236
RP11-363E7.4	S100A6	0.54618912	0
RP11-363E7.4	FOXQ1	0.531788254	0
RP11-363E7.4	LRG1	0.419849823	0
RP11-363E7.4	LAMP5	0.31366005	2.28E-11
RP11-363E7.4	ALDH3B1	0.630898652	0
RP11-363E7.4	CDH2	0.130789721	0.006095158
RP11-363E7.4	SCG5	0.133005642	0.005280588
RP11-363E7.4	ZCCHC16	0.083449974	0.080718296
RP11-363E7.4	GRB7	0.497818403	0
RP11-363E7.4	TIAM1	0.475269703	0
RP11-363E7.4	FXYD5	0.324028345	4.55E-12
RP11-363E7.4	CLDN9	0.448615811	0
RP11-363E7.4	FAM43A	0.224105362	2.24E-06
RP11-363E7.4	CHST2	0.505522996	0
RP11-363E7.4	HMGA2	0.336430867	6.04E-13
RP11-363E7.4	GALNT7	0.283410587	1.76E-09
RP11-363E7.4	CBLN1	0.506468908	0
RP11-363E7.4	STRA6	0.445629289	0

RP11-363E7.4	MUC21	0.463719856	8.64E-25
RP11-363E7.4	PRR36	0.33131466	1.41E-12
RP11-363E7.4	NFE2L3	0.591494027	0
RP11-363E7.4	NR1D1	0.320854172	7.50E-12
RP11-363E7.4	MUC1	0.485913445	0
RP11-363E7.4	NAT8L	0.138190499	0.003744461
RP11-363E7.4	APOC1	0.218769733	3.93E-06
RP11-363E7.4	EVA1A	0.573090943	0
RP11-363E7.4	ENTPD1	0.32918994	1.99E-12
RP11-363E7.4	COL1A1	0.303053753	1.11E-10
RP11-363E7.4	FNDC4	0.574561936	0
RP11-363E7.4	FRMD3	0.165505352	0.000506072
RP11-363E7.4	SHROOM4	0.348047045	8.16E-14
RP11-363E7.4	NELL2	0.280423214	2.63E-09
RP11-363E7.4	EPHB3	0.490654635	0
RP11-363E7.4	TMC6	0.406422953	0
RP11-363E7.4	NOD1	0.328799178	2.12E-12
RP11-363E7.4	GGCT	0.339321933	3.71E-13
RP11-363E7.4	ICAM1	0.443212384	0
RP11-363E7.4	PRSS23	0.510262626	0
RP11-363E7.4	CFI	0.501982174	0
RP11-363E7.4	CD55	0.642323065	0
RP11-363E7.4	RASD2	0.431389692	0
RP11-363E7.4	KLK11	0.320324411	6.23E-12
RP11-363E7.4	ICAM5	0.437125869	0
RP11-363E7.4	ADORA1	0.300822514	1.53E-10
RP11-363E7.4	ITGA2	0.617720138	0
RP11-363E7.4	ABCC3	0.327428039	2.64E-12
RP11-363E7.4	MFGE8	0.362073177	5.87E-15
RP11-363E7.4	STK32A	0.388028946	0
RP11-363E7.4	CYSLTR2	0.437973913	0
RP11-363E7.4	LAD1	0.366271272	2.47E-15
RP11-363E7.4	MGAT3	0.596979011	0
RP11-363E7.4	IGFBP6	0.338820397	4.04E-13
RP11-363E7.4	CYP2S1	0.634489826	0
RP11-363E7.4	KCNJ2	0.400849746	0
RP11-363E7.4	FAM20A	0.457516517	0
RP11-363E7.4	TGFA	0.361442143	6.66E-15
RP11-363E7.4	MXRA8	0.429214903	0
RP11-363E7.4	C8orf4	0.506115166	0
RP11-363E7.4	CLDN10	0.371418683	8.30E-16
RP11-363E7.4	PDE5A	0.286965877	1.08E-09
RP11-363E7.4	APOE	0.146374785	0.002126329
RP11-363E7.4	SPOCK2	0.504523186	0
RP11-363E7.4	TENM1	0.187092112	8.25E-05
RP11-363E7.4	SLIT1	0.238685085	4.55E-07
RP11-363E7.4	CXCL14	0.333769293	9.40E-13
RP11-363E7.4	ECM1	0.293737465	4.22E-10
RP11-363E7.4	DUSP5	0.509030203	0
RP11-363E7.4	SEZ6L2	0.455654763	0
RP11-363E7.4	THRSP	0.253621527	7.95E-08

RP11-363E7.4	C19orf33	0.60816145	0
RP11-363E7.4	MPZL2	0.502608669	0
RP11-363E7.4	CTSH	0.289161941	8.00E-10
RP11-363E7.4	CYP1B1	0.176385678	0.000208222
RP11-363E7.4	ALOX5	0.525786132	0
RP11-363E7.4	SYTL5	0.568139784	6.90E-39
RP11-363E7.4	TNFRSF12A	0.425232258	0
RP11-363E7.4	DUSP6	0.548892536	0
RP11-363E7.4	ALOX15B	0.479063847	0
RP11-363E7.4	SDC4	0.37759413	1.44E-16
RP11-363E7.4	MDK	0.43433806	0
RP11-363E7.4	KRT19	0.626030234	0
RP11-363E7.4	MET	0.494485089	0
RP11-363E7.4	TESC	0.21014717	9.42E-06
RP11-363E7.4	CXCL17	0.35632758	1.37E-14
RP11-363E7.4	NPC2	0.268716686	1.22E-08
RP11-363E7.4	COMP	0.343178627	1.92E-13
RP11-363E7.4	TUSC3	0.420517592	0
RP11-363E7.4	TMPRSS4	0.647554586	0
RP11-363E7.4	LGALS3	0.555400591	0
RP11-363E7.4	CRLF1	0.546137208	0
RP11-363E7.4	CTXN1	0.470061018	0
RP11-363E7.4	PCSK1N	0.447297152	0
RP11-363E7.4	NMU	0.513250781	7.16E-31
RP11-363E7.4	GALE	0.414641138	0
RP11-363E7.4	PCSK2	0.366122627	2.55E-15
RP11-363E7.4	GJB3	0.376185546	2.23E-16
RP11-363E7.4	SLPI	0.571122386	0
RP11-363E7.4	AGR2	0.563956206	0
RP11-363E7.4	MRC2	0.45187381	0
RP11-363E7.4	GOLT1A	0.319014828	9.99E-12
RP11-363E7.4	SLC27A6	0.523216629	3.21E-32
RP11-363E7.4	KCNN4	0.487614214	0
RP11-363E7.4	ETV4	0.496212044	1.15E-28
RP11-363E7.4	SYT12	0.292921051	4.73E-10
RP11-363E7.4	PVRL4	0.432327944	0
RP11-363E7.4	PLCD3	0.406007086	0
RP11-363E7.4	PLAU	0.418007642	0
RP11-363E7.4	LRRK2	0.175548697	0.000223361
RP11-363E7.4	SFN	0.517710493	0
RP11-363E7.4	LPAR5	0.334757615	7.98E-13
RP11-363E7.4	NGEF	0.547751172	0
RP11-363E7.4	DTX4	0.41223246	0
RP11-363E7.4	CST6	0.448777789	0
RP11-363E7.4	QPCT	0.296963267	2.67E-10
RP11-363E7.4	TIMP1	0.345951826	1.18E-13
RP11-363E7.4	CAMK2N1	0.265827322	1.76E-08
RP11-363E7.4	KLHDC8A	0.3623977	5.50E-15
RP11-363E7.4	PDLIM4	0.35567306	2.03E-14
RP11-363E7.4	SCEL	0.485132632	0
RP11-363E7.4	LCN2	0.515365358	0

RP11-363E7.4	PROS1	0.458136771	0
RP11-363E7.4	GABRB2	0.432391062	0
RP11-363E7.4	TMPRSS6	0.513443181	0
RP11-363E7.4	KLK7	0.326062937	2.48E-12
RP11-363E7.4	PDZK1IP1	0.402026285	0
RP11-363E7.4	CDH3	0.463705296	0
RP11-363E7.4	LRP4	0.283822482	1.66E-09
RP11-363E7.4	IGSF1	0.533840496	0
RP11-363E7.4	B3GNT3	0.647321831	0
RP11-363E7.4	CLDN1	0.554436382	0
RP11-363E7.4	GDF15	0.532997132	0
RP11-363E7.4	ARHGAP36	0.529297293	4.59E-33
RP11-363E7.4	LAMB3	0.444403674	0
RP11-363E7.4	KLK10	0.394111773	0
RP11-363E7.4	DPP4	0.526388373	0
RP11-363E7.4	METTL7B	0.276432484	4.48E-09
RP11-363E7.4	LIPH	0.589358244	0
RP11-363E7.4	CLDN16	0.441184397	0
RP11-363E7.4	CHI3L1	0.247334029	1.68E-07
RP11-363E7.4	SLC22A31	0.450860473	2.29E-23
RP11-363E7.4	TACSTD2	0.409744778	0
RP11-363E7.4	SFTPB	0.453492172	0
RP11-363E7.4	RXRG	0.217808928	4.34E-06
RP11-363E7.4	DCSTAMP	0.317608694	9.57E-12
RP11-363E7.4	CITED1	0.126211502	0.008144648
RP11-363E7.4	SERPINA1	0.436494978	0
RP11-363E7.4	PRR15	0.302278472	1.24E-10
RP11-363E7.4	SLC34A2	0.414627096	0
RP11-363E7.4	FN1	0.472019222	0
RP11-363E7.4	ZCCHC12	0.341395592	2.61E-13
LINC00086	TFF3	-0.248496952	1.46E-07
LINC00086	CCL21	-0.153561585	0.001248936
LINC00086	TPO	-0.231831089	9.75E-07
LINC00086	MT1G	-0.236192155	6.02E-07
LINC00086	DIO1	-0.278133962	3.57E-09
LINC00086	DPT	-0.18572118	9.07E-05
LINC00086	CDH16	-0.351612263	4.30E-14
LINC00086	CRABP1	-0.232050817	8.86E-07
LINC00086	SLC26A7	-0.24051762	3.69E-07
LINC00086	MT1H	-0.238600584	4.23E-07
LINC00086	SLC26A4	-0.124984185	0.008789686
LINC00086	SLC5A8	-0.427473636	6.28E-21
LINC00086	PKHD1L1	-0.300978783	1.21E-10
LINC00086	TFCP2L1	-0.396020617	0
LINC00086	WSCD2	-0.197756356	3.01E-05
LINC00086	IPCEF1	-0.24301906	2.77E-07
LINC00086	SLC5A5	-0.231639602	9.27E-07
LINC00086	MT1F	-0.251481914	1.03E-07
LINC00086	FOSB	-0.089006062	0.062442585
LINC00086	SEMA3D	-0.263069237	2.21E-08
LINC00086	BMP8A	-0.114646811	0.016293526

LINC00086	MATN2	-0.302917873	1.13E-10
LINC00086	PLA2R1	-0.325982009	3.33E-12
LINC00086	COL23A1	-0.267356893	1.45E-08
LINC00086	HGD	-0.258986801	4.14E-08
LINC00086	TCEAL2	-0.13183889	0.005696373
LINC00086	CHRD1	-0.137389478	0.003925213
LINC00086	TNFRSF11B	-0.338288224	4.42E-13
LINC00086	FAM167A	-0.167612342	0.000427861
LINC00086	KIT	-0.300140844	1.69E-10
LINC00086	SLC4A4	-0.307790263	5.51E-11
LINC00086	SMOC2	-0.146372232	0.002126714
LINC00086	FHL1	-0.210233833	9.34E-06
LINC00086	OTOS	-0.30781168	5.49E-11
LINC00086	IGFBPL1	-0.304342245	7.33E-11
LINC00086	HBB	-0.134135801	0.004904119
LINC00086	BEX1	0.058871771	0.218210764
LINC00086	FABP4	-0.189300259	6.58E-05
LINC00086	LMOD1	-0.132341277	0.00551386
LINC00086	SOD3	-0.236459518	5.84E-07
LINC00086	TMEM171	-0.449390384	0
LINC00086	PI16	-0.133088901	0.00525199
LINC00086	ZMAT4	-0.259032788	3.67E-08
LINC00086	MFAP4	-0.023585387	0.622002993
LINC00086	CWH43	-0.420661855	2.97E-20
LINC00086	SPX	-0.165499253	0.000506317
LINC00086	APOD	-0.135734872	0.004412779
LINC00086	DPP6	-0.250031488	1.22E-07
LINC00086	MMRN1	-0.211259599	8.43E-06
LINC00086	WDR72	-0.376245685	2.19E-16
LINC00086	MPPED2	-0.181406003	0.000135781
LINC00086	PAPSS2	-0.266198651	1.68E-08
LINC00086	DCN	-0.173841403	0.000257491
LINC00086	SORBS2	-0.243675766	2.57E-07
LINC00086	EGR2	-0.065181821	0.172732102
LINC00086	EDN3	0.13571146	0.004391849
LINC00086	DIO2	-0.20332679	1.84E-05
LINC00086	ITPR1	-0.125557491	0.008482915
LINC00086	CFD	-0.172368992	0.000290782
LINC00086	CPXM1	-0.1101371	0.021036479
LINC00086	ELMO1	-0.097790745	0.040592349
LINC00086	GPC3	-0.192455193	4.93E-05
LINC00086	MYOC	0.082635761	0.083731464
LINC00086	DEPTOR	-0.337042185	5.45E-13
LINC00086	DGKI	-0.329042429	2.04E-12
LINC00086	CARTPT	-0.138964037	0.003528651
LINC00086	IYD	-0.343310394	1.87E-13
LINC00086	LYVE1	-0.129933308	0.006439078
LINC00086	CLCNKB	-0.152499738	0.0013663
LINC00086	NCAM1	-0.413085043	0
LINC00086	HBA2	-0.092499511	0.052806238
LINC00086	GLT8D2	-0.180524769	0.000146483

LINC00086	OGDHL	-0.421581796	0
LINC00086	LIFR	-0.204366598	1.66E-05
LINC00086	CSGALNACT1	-0.413231419	0
LINC00086	RAP1GAP	-0.445855519	0
LINC00086	COL9A3	-0.019094115	0.689807628
LINC00086	FBLN1	-0.20215096	2.06E-05
LINC00086	EFEMP1	-0.24091136	3.53E-07
LINC00086	AOX1	-0.263610559	2.06E-08
LINC00086	GRIN2C	-0.260461056	3.45E-08
LINC00086	C11orf74	-0.234627266	7.16E-07
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LINC00086	ANGPTL1	-0.094149928	0.048704417
LINC00086	SCARA5	-0.193985978	4.28E-05
LINC00086	LTF	-0.171711435	0.000306913
LINC00086	CA4	0.009772865	0.838208666
LINC00086	TG	-0.078262892	0.101485567
LINC00086	FCGBP	-0.149544845	0.001694695
LINC00086	PBX4	-0.099798875	0.036628798
LINC00086	CYR61	-0.119960881	0.011929421
LINC00086	FOS	-0.09302757	0.051463605
LINC00086	KHDRBS2	-0.01806154	0.705779882
LINC00086	MUM1L1	-0.234271681	7.45E-07
LINC00086	RGS16	-0.201457093	2.20E-05
LINC00086	MT1M	-0.260342764	3.50E-08
LINC00086	LRP2	-0.324713276	4.08E-12
LINC00086	MAFB	-0.265726617	1.78E-08
LINC00086	KCNK2	-0.295585461	3.25E-10
LINC00086	TBC1D4	-0.137452946	0.003934847
LINC00086	MIOX	-0.111078831	0.019915683
LINC00086	TPPP	-0.31617227	1.55E-11
LINC00086	FMOD	-0.352145287	3.90E-14
LINC00086	CITED2	-0.323188669	5.20E-12
LINC00086	RGS8	-0.203848649	1.68E-05
LINC00086	ABI3BP	-0.332723386	1.12E-12
LINC00086	ADH1B	-0.161498631	0.00068267
LINC00086	OGN	-0.208001662	1.11E-05
LINC00086	NR4A1	-0.026411776	0.580873305
LINC00086	FOXJ1	0.017770867	0.71040758
LINC00086	ALDH1A1	-0.14468905	0.002394786
LINC00086	OCA2	-0.191884154	5.20E-05
LINC00086	TMEM139	-0.244896558	2.23E-07
LINC00086	ARHGAP24	-0.236438385	5.85E-07
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LINC00086	JUN	-0.117887222	0.013491312
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LINC00086	SMAD9	-0.390826258	0
LINC00086	IQGAP2	-0.326508225	3.06E-12
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LINC00086	LAYN	-0.06025369	0.207582058
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LINC00086	PDLIM3	-0.299674767	1.81E-10
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LINC00086	FOXA2	-0.081251987	0.089060076
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LINC00086	NUPR1	-0.521671153	0
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LINC00086	FIBIN	-0.479400284	0
LINC00086	PODN	-0.157339646	0.000952303
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LINC00086	NR4A3	-0.113798767	0.017106299
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LINC00086	LRIG1	-0.364173359	3.83E-15
LINC00086	ROR2	-0.237711373	5.07E-07
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LINC00086	TOB1	-0.189600218	6.59E-05
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LINC00086	OR2W3	-0.208925953	1.06E-05
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LINC00086	CYTH3	-0.170116051	0.000349588
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LINC00086	LONRF3	-0.143523858	0.002598059
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LINC00086	ARHGAP6	-0.383190598	2.86E-18
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LINC00086	SH3RF1	-0.33831106	4.40E-13
LINC00086	CRELD2	-0.126230224	0.008135145
LINC00086	PCP4	-0.169646996	0.000363151
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LINC00086	ANTXR1	-0.178570679	0.000173106
LINC00086	GPX3	-0.440630381	0
LINC00086	DPY19L2	-0.178884848	0.00016854
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LINC00086	PEG3	-0.110633388	0.020461557
LINC00086	FAHD2A	-0.299171529	1.95E-10
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LINC00086	CHCHD10	-0.392560217	0
LINC00086	CD36	-0.065581234	0.170111382
LINC00086	ANKRD37	-0.098178528	0.039799891
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LINC00086	UST	0.073809774	0.122513149

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LINC00086	SPAG5	-0.27885719	3.25E-09
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LINC00086	FREM2	-0.328526709	2.21E-12
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LINC00086	PSD3	0.274507471	5.77E-09
LINC00086	DOK7	0.22385346	2.31E-06
LINC00086	ZMAT3	0.20142447	2.20E-05
LINC00086	MFAP2	0.498602762	0
LINC00086	TMEM79	0.423889628	0
LINC00086	SLC1A5	0.238590621	4.59E-07
LINC00086	BBC3	0.292802475	4.81E-10
LINC00086	HLA-DQB2	0.12210404	0.010485345
LINC00086	C1QL1	0.450287362	0
LINC00086	TMEM215	0.400479331	2.43E-18
LINC00086	PNP	0.23853573	4.62E-07
LINC00086	ARNTL	0.281741448	2.21E-09
LINC00086	CLDN2	0.483814202	3.87E-27
LINC00086	MVP	0.259418269	3.92E-08
LINC00086	LGALS1	0.236856237	5.58E-07
LINC00086	BIRC7	0.366745268	2.01E-15
LINC00086	COL8A1	0.277411444	3.93E-09
LINC00086	PERP	0.022471399	0.638553048
LINC00086	GJA4	0.475558767	0
LINC00086	IGFL2	0.374573058	4.53E-16
LINC00086	DAPK2	0.197086382	3.32E-05
LINC00086	MAMLD1	0.332116465	1.23E-12
LINC00086	ETV5	0.561625964	0
LINC00086	RUNX1	0.115599106	0.01542136
LINC00086	LONRF2	0.410065614	0

LINC00086	SPOCK1	0.442727443	0
LINC00086	XKRX	0.407595378	0
LINC00086	TGFB1	0.501682472	0
LINC00086	ERP27	0.154184195	0.001206384
LINC00086	TNFRSF10C	0.277394707	3.94E-09
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LINC00086	TGM2	0.073791477	0.122606066
LINC00086	UBE2QL1	0.455865249	0
LINC00086	ECE1	0.440505281	0
LINC00086	COL8A2	0.265076578	1.94E-08
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LINC00086	TNFRSF21	0.11663863	0.014516342
LINC00086	SOX4	0.24203471	3.10E-07
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LINC00086	HPN	0.345608581	1.26E-13
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LINC00086	NPDC1	0.489547029	0
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LINC00086	DHRS3	0.389769146	0
LINC00086	SCN1B	0.323035059	5.32E-12
LINC00086	GLT1D1	0.50710065	0
LINC00086	PHYHIP	0.508153224	0
LINC00086	BHLHE40	0.188075043	7.56E-05
LINC00086	BID	0.322741031	5.58E-12
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LINC00086	ITGA3	0.108094078	0.023553525
LINC00086	RSPO4	0.339602487	3.54E-13
LINC00086	ADAMTS9	0.663991098	0
LINC00086	ABTB2	0.141398996	0.003009703
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LINC00086	ANXA1	0.296549386	2.83E-10
LINC00086	S100A11	0.225711526	1.89E-06
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LINC00086	IER5L	0.274846178	5.51E-09
LINC00086	KRT80	0.014924528	0.75507674

LINC00086	CDH6	0.130383641	0.00625612
LINC00086	UNC5B	0.327311023	2.69E-12
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LINC00086	SYTL1	0.356764922	1.65E-14
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LINC00086	C4orf48	0.377066354	1.71E-16
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LINC00086	BAIAP3	0.532282982	0
LINC00086	PHLDA2	0.244600402	2.31E-07
LINC00086	GAP43	0.314230342	1.62E-11
LINC00086	S100A1	0.066311412	0.165397397
LINC00086	PTPRE	0.24728155	1.69E-07
LINC00086	CCND1	0.329394611	1.92E-12
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LINC00086	KRT17	0.280143085	2.73E-09
LINC00086	HPCAL4	0.607320924	0
LINC00086	GABBR2	0.396591512	0
LINC00086	DIRAS3	0.556961508	0
LINC00086	SERINC2	0.122306584	0.010357243
LINC00086	PTCHD4	0.351363197	4.50E-14
LINC00086	EPS8	0.42960992	0
LINC00086	LY6E	0.371471872	7.69E-16
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LINC00086	AHNAK2	0.078333953	0.101174874
LINC00086	PLXNC1	0.520694747	0
LINC00086	TNC	0.017827367	0.709420523
LINC00086	DUSP4	0.505713767	0
LINC00086	NRCAM	0.372435656	6.08E-16
LINC00086	NRP2	0.595117399	0
LINC00086	CTSC	0.25991782	3.69E-08
LINC00086	AMIGO2	0.550241123	0
LINC00086	NAB2	0.424966456	0
LINC00086	TBC1D2	0.075667982	0.113359185
LINC00086	PHLDA3	0.213903868	6.46E-06
LINC00086	PTP4A3	0.390770516	0
LINC00086	CRABP2	0.463731962	0
LINC00086	GOS2	0.363655795	4.26E-15
LINC00086	S100A6	0.095515252	0.045515994
LINC00086	FOXQ1	0.170163283	0.000348249
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LINC00086	ALDH3B1	0.153371469	0.001281255
LINC00086	CDH2	0.514860276	0
LINC00086	SCG5	0.565679669	0
LINC00086	ZCCHC16	0.625159961	5.62E-49
LINC00086	GRB7	0.299637322	1.82E-10
LINC00086	TIAM1	0.330590581	1.58E-12
LINC00086	FXYD5	0.476395606	0
LINC00086	CLDN9	0.316495517	1.48E-11
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LINC00086	HMGA2	0.627763484	0
LINC00086	GALNT7	0.367757725	1.79E-15
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LINC00086	STRA6	0.354139375	2.70E-14
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LINC00086	PRR36	0.470745524	0
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LINC00086	GGCT	0.328717906	2.15E-12
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LINC00086	ICAM5	0.476680841	0
LINC00086	ADORA1	0.24495769	2.22E-07
LINC00086	ITGA2	0.153971582	0.001225571
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LINC00086	LAD1	0.226911468	1.66E-06
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LINC00086	CYP2S1	0.160137242	0.000769374
LINC00086	KCNJ2	0.524438112	0
LINC00086	FAM20A	0.398378092	0
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LINC00086	MXRA8	0.345686875	1.24E-13
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LINC00086	PDE5A	0.374698242	3.39E-16
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LINC00086	SLIT1	0.574618955	0
LINC00086	CXCL14	0.335930891	6.57E-13

LINC00086	ECM1	0.514744537	0
LINC00086	DUSP5	0.117565394	0.013749223
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LINC00086	THRSP	0.240320609	3.78E-07
LINC00086	C19orf33	0.081319057	0.088792077
LINC00086	MPZL2	0.359902785	9.02E-15
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LINC00086	ALOX5	0.006417421	0.893298665
LINC00086	SYTL5	0.388718643	2.76E-17
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LINC00086	ALOX15B	0.067293209	0.159214423
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LINC00086	MDK	0.519820179	0
LINC00086	KRT19	0.050922225	0.286939958
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LINC00086	TUSC3	0.499552929	0
LINC00086	TMPRSS4	0.132290925	0.005531912
LINC00086	LGALS3	0.154769841	0.001154954
LINC00086	CRLF1	0.170120164	0.000349471
LINC00086	CTXN1	0.275608694	4.99E-09
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LINC00086	SYT12	0.378525149	1.05E-16
LINC00086	PVRL4	0.197135315	3.30E-05
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LINC00086	TACSTD2	0.217403842	4.52E-06
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ABHD11-AS1	CCL21	-0.311767061	2.38E-11
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ABHD11-AS1	MT1G	-0.35264739	3.56E-14
ABHD11-AS1	DIO1	-0.489811697	0
ABHD11-AS1	DPT	-0.241175759	3.15E-07
ABHD11-AS1	CDH16	-0.412055163	0
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ABHD11-AS1	SLC26A7	-0.446809799	0
ABHD11-AS1	MT1H	-0.318582128	8.21E-12
ABHD11-AS1	SLC26A4	-0.499937733	0
ABHD11-AS1	SLC5A8	-0.409117517	3.83E-19
ABHD11-AS1	PKHD1L1	-0.42999211	3.50E-21
ABHD11-AS1	TFCP2L1	-0.441761958	0
ABHD11-AS1	WSCD2	-0.510153996	1.84E-30
ABHD11-AS1	IPCEF1	-0.490461453	0
ABHD11-AS1	SLC5A5	-0.388015704	3.19E-17

ABHD11-AS1	MT1F	-0.356039992	1.89E-14
ABHD11-AS1	FOSB	-0.358136203	1.27E-14
ABHD11-AS1	SEMA3D	-0.531060081	2.59E-33
ABHD11-AS1	BMP8A	-0.571084231	0
ABHD11-AS1	MATN2	-0.445723043	0
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ABHD11-AS1	COL23A1	-0.373038747	5.23E-16
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ABHD11-AS1	SMOC2	-0.406688188	0
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ABHD11-AS1	GPC3	-0.436872918	6.92E-22
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ABHD11-AS1	CARTPT	-0.462961704	1.05E-24
ABHD11-AS1	IYD	-0.266761603	1.57E-08
ABHD11-AS1	LYVE1	-0.389364343	0

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ABHD11-AS1	GLT8D2	-0.484740027	0
ABHD11-AS1	OGDHL	-0.238600266	4.59E-07
ABHD11-AS1	LIFR	-0.519749402	0
ABHD11-AS1	CSGALNACT1	-0.404016118	0
ABHD11-AS1	RAP1GAP	-0.272920739	7.09E-09
ABHD11-AS1	COL9A3	-0.507908129	0
ABHD11-AS1	FBLN1	-0.199812633	2.57E-05
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ABHD11-AS1	AOX1	-0.433402022	1.58E-21
ABHD11-AS1	GRIN2C	-0.46778283	0
ABHD11-AS1	C11orf74	-0.337226999	5.29E-13
ABHD11-AS1	PPARGC1A	-0.363717069	4.21E-15
ABHD11-AS1	ANGPTL1	-0.569336372	0
ABHD11-AS1	SCARA5	-0.267406369	1.26E-08
ABHD11-AS1	LTF	-0.393861289	0
ABHD11-AS1	CA4	-0.47490996	4.44E-26
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ABHD11-AS1	RGS16	-0.420737865	0
ABHD11-AS1	MT1M	-0.316442328	1.49E-11
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ABHD11-AS1	MIOX	-0.397660694	4.39E-18
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ABHD11-AS1	FMOD	-0.436412996	0
ABHD11-AS1	CITED2	-0.362911718	4.96E-15
ABHD11-AS1	RGS8	-0.507612422	3.97E-30
ABHD11-AS1	ABI3BP	-0.261368246	3.08E-08
ABHD11-AS1	ADH1B	-0.263716316	2.03E-08
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ABHD11-AS1	NR4A1	-0.368460812	1.54E-15
ABHD11-AS1	FOXJ1	-0.524177499	2.37E-32
ABHD11-AS1	ALDH1A1	-0.376958842	1.77E-16
ABHD11-AS1	OCA2	-0.448211989	4.42E-23
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ABHD11-AS1	SLC25A15	-0.480387613	0
ABHD11-AS1	DES	-0.245981692	1.79E-07
ABHD11-AS1	GDF10	-0.427557546	6.16E-21
ABHD11-AS1	KIAA1324	-0.465488189	0
ABHD11-AS1	JUN	-0.392036271	0

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ABHD11-AS1	IP6K3	-0.310600624	3.62E-11
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ABHD11-AS1	FOXA2	-0.41300303	1.64E-19
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ABHD11-AS1	ISM1	-0.519483458	0
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ABHD11-AS1	NUPR1	-0.059250618	0.215258888
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ABHD11-AS1	NR4A3	-0.259221825	4.02E-08

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ABHD11-AS1	FCER1G	0.186256266	8.89E-05
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ABHD11-AS1	PDZRN4	-0.05203976	0.276484029
ABHD11-AS1	EFHD2	0.091679125	0.054949968
ABHD11-AS1	ASF1B	0.30147	1.40E-10
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ABHD11-AS1	ARRDC2	0.435320992	0
ABHD11-AS1	PRSS1	0.312873721	2.00E-11
ABHD11-AS1	MAPK13	0.334337918	8.56E-13
ABHD11-AS1	CST5	0.510021623	1.92E-30

ABHD11-AS1	AHR	0.260626296	3.38E-08
ABHD11-AS1	BAX	0.435636154	0
ABHD11-AS1	C1orf115	0.23584281	6.26E-07
ABHD11-AS1	PLK3	0.279170083	3.11E-09
ABHD11-AS1	JAG2	0.117237183	0.014016712
ABHD11-AS1	RAD23B	0.360467438	8.08E-15
ABHD11-AS1	CA12	-0.206906192	1.30E-05
ABHD11-AS1	ADTRP	0.278153252	3.56E-09
ABHD11-AS1	UCP2	0.301592122	1.37E-10
ABHD11-AS1	IGFBP2	0.271815969	8.19E-09
ABHD11-AS1	LOXL2	0.028192399	0.555631531
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ABHD11-AS1	MTHFD1L	0.401182354	0
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ABHD11-AS1	MSN	0.349722283	6.05E-14
ABHD11-AS1	SIGLEC6	0.322231313	4.59E-12
ABHD11-AS1	F2R	-0.068347484	0.152770955
ABHD11-AS1	TMEM184A	0.507827566	0
ABHD11-AS1	CKS2	0.347270628	9.37E-14
ABHD11-AS1	TAX1BP3	0.506395153	0
ABHD11-AS1	PMEP1	0.281538195	2.27E-09
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ABHD11-AS1	SH2D4A	0.321060403	7.26E-12
ABHD11-AS1	RNF24	0.2230135	2.52E-06
ABHD11-AS1	LY6G6C	0.520239067	8.21E-32
ABHD11-AS1	NID1	0.008903259	0.852374058
ABHD11-AS1	STAC	0.469781174	0
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ABHD11-AS1	HES4	0.340642863	2.96E-13
ABHD11-AS1	EPHA10	0.468902493	0
ABHD11-AS1	ENTPD2	0.31658998	1.45E-11
ABHD11-AS1	DDB2	0.449164154	0
ABHD11-AS1	NKAIN4	0.188060434	7.57E-05
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ABHD11-AS1	ADCY8	0.395802943	6.46E-18
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ABHD11-AS1	RASGRF1	0.270598014	9.58E-09

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ABHD11-AS1	GGT6	0.369512109	1.21E-15
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ABHD11-AS1	CMTM3	0.33871714	4.11E-13
ABHD11-AS1	RDH5	0.379079307	8.53E-17
ABHD11-AS1	MYH10	0.164598729	0.000543656
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ABHD11-AS1	EMILIN2	0.268202668	1.30E-08
ABHD11-AS1	PLAUR	0.349977306	5.78E-14
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ABHD11-AS1	CCND1	0.251673111	1.00E-07
ABHD11-AS1	ST6GALNAC5	0.486329657	1.92E-27
ABHD11-AS1	KRT17	0.190704845	5.97E-05
ABHD11-AS1	HPCAL4	0.257087885	5.22E-08
ABHD11-AS1	GABBR2	0.207189015	1.26E-05
ABHD11-AS1	DIRAS3	0.234527555	7.24E-07
ABHD11-AS1	SERINC2	0.478706701	0
ABHD11-AS1	PTCHD4	0.199090966	2.75E-05
ABHD11-AS1	EPS8	0.174346769	0.000246911
ABHD11-AS1	LY6E	0.421808168	0
ABHD11-AS1	UPP1	0.562248345	0
ABHD11-AS1	AHNAK2	0.451839628	0
ABHD11-AS1	PLXNC1	0.270047686	1.03E-08
ABHD11-AS1	TNC	0.262429755	2.70E-08
ABHD11-AS1	DUSP4	0.193602294	4.58E-05
ABHD11-AS1	NRCAM	0.220058323	3.43E-06
ABHD11-AS1	NRP2	0.193625981	4.57E-05
ABHD11-AS1	CTSC	0.411063154	0
ABHD11-AS1	AMIGO2	0.146947665	0.002041559
ABHD11-AS1	NAB2	0.395154418	0
ABHD11-AS1	TBC1D2	0.528615641	0
ABHD11-AS1	PHLDA3	0.517759144	0
ABHD11-AS1	PTP4A3	0.340921005	2.83E-13
ABHD11-AS1	CRABP2	0.347965205	8.28E-14
ABHD11-AS1	GOS2	0.240876327	3.54E-07
ABHD11-AS1	S100A6	0.653406219	0
ABHD11-AS1	FOXQ1	0.400110207	0
ABHD11-AS1	LRG1	0.363171422	4.71E-15
ABHD11-AS1	LAMP5	0.259869311	3.71E-08
ABHD11-AS1	ALDH3B1	0.534266149	0
ABHD11-AS1	CDH2	-0.157529566	0.000938714
ABHD11-AS1	SCG5	0.091214041	0.056197082
ABHD11-AS1	ZCCHC16	0.144884024	0.002341748
ABHD11-AS1	GRB7	0.491860676	0
ABHD11-AS1	TIAM1	0.092282074	0.053367511

ABHD11-AS1	FXYD5	0.255803408	6.11E-08
ABHD11-AS1	CLDN9	0.440514216	0
ABHD11-AS1	FAM43A	0.499048131	0
ABHD11-AS1	CHST2	0.291502396	5.78E-10
ABHD11-AS1	HMGA2	0.153104247	0.001306792
ABHD11-AS1	GALNT7	0.249195642	1.35E-07
ABHD11-AS1	CBLN1	0.387295506	0
ABHD11-AS1	STRA6	0.377623065	1.43E-16
ABHD11-AS1	MUC21	0.501221461	2.66E-29
ABHD11-AS1	PRR36	0.318250751	1.13E-11
ABHD11-AS1	NFE2L3	0.302911491	1.13E-10
ABHD11-AS1	NR1D1	0.4297397	0
ABHD11-AS1	MUC1	0.593131253	0
ABHD11-AS1	NAT8L	0.071856109	0.132748138
ABHD11-AS1	APOC1	0.102667815	0.031539794
ABHD11-AS1	EVA1A	0.453457422	0
ABHD11-AS1	ENTPD1	0.130585759	0.006175534
ABHD11-AS1	COL1A1	0.249099334	1.36E-07
ABHD11-AS1	FNDC4	0.349017069	6.87E-14
ABHD11-AS1	FRMD3	0.092107898	0.053820692
ABHD11-AS1	SHROOM4	0.216589555	4.91E-06
ABHD11-AS1	NELL2	0.175678052	0.000220956
ABHD11-AS1	EPHB3	0.437696054	0
ABHD11-AS1	TMC6	0.462074879	0
ABHD11-AS1	NOD1	0.313921314	2.19E-11
ABHD11-AS1	GGCT	0.532993444	0
ABHD11-AS1	ICAM1	0.35478445	2.40E-14
ABHD11-AS1	PRSS23	0.249737743	1.26E-07
ABHD11-AS1	CFI	0.28458429	1.50E-09
ABHD11-AS1	CD55	0.477814545	0
ABHD11-AS1	RASD2	0.280741638	2.52E-09
ABHD11-AS1	KLK11	0.318783349	7.95E-12
ABHD11-AS1	ICAM5	0.368950575	1.38E-15
ABHD11-AS1	ADORA1	0.443549956	0
ABHD11-AS1	ITGA2	0.359756409	9.29E-15
ABHD11-AS1	ABCC3	0.323076618	5.29E-12
ABHD11-AS1	MFGE8	0.357960325	1.31E-14
ABHD11-AS1	STK32A	0.20656479	1.34E-05
ABHD11-AS1	CYSLTR2	0.132950468	0.005299617
ABHD11-AS1	LAD1	0.582089374	0
ABHD11-AS1	MGAT3	0.393542014	0
ABHD11-AS1	IGFBP6	0.362185653	5.74E-15
ABHD11-AS1	CYP2S1	0.479646514	0
ABHD11-AS1	KCNJ2	0.24884885	1.40E-07
ABHD11-AS1	FAM20A	0.281308277	2.34E-09
ABHD11-AS1	TGFA	0.268508895	1.25E-08
ABHD11-AS1	MXRA8	0.42410522	0
ABHD11-AS1	C8orf4	0.186485049	8.71E-05
ABHD11-AS1	CLDN10	0.356403648	1.36E-14
ABHD11-AS1	PDE5A	0.307303052	5.92E-11
ABHD11-AS1	APOE	0.070355047	0.141051145

ABHD11-AS1	SPOCK2	0.331409833	1.39E-12
ABHD11-AS1	TENM1	0.102291379	0.032170994
ABHD11-AS1	SLIT1	0.084626699	0.076525702
ABHD11-AS1	CXCL14	0.074345351	0.119817574
ABHD11-AS1	ECM1	0.083050037	0.082189017
ABHD11-AS1	DUSP5	0.483841063	0
ABHD11-AS1	SEZ6L2	0.329317735	1.95E-12
ABHD11-AS1	THRSP	0.244262972	2.40E-07
ABHD11-AS1	C19orf33	0.573391496	0
ABHD11-AS1	MPZL2	0.33187052	1.29E-12
ABHD11-AS1	CTSH	0.476071225	0
ABHD11-AS1	CYP1B1	0.366792523	2.21E-15
ABHD11-AS1	ALOX5	0.449195925	0
ABHD11-AS1	SYTL5	0.332379443	8.77E-13
ABHD11-AS1	TNFRSF12A	0.434822718	0
ABHD11-AS1	DUSP6	0.324099689	4.50E-12
ABHD11-AS1	ALOX15B	0.522677062	0
ABHD11-AS1	SDC4	0.382511198	1.09E-17
ABHD11-AS1	MDK	0.331068714	1.47E-12
ABHD11-AS1	KRT19	0.579414042	0
ABHD11-AS1	MET	0.429992312	0
ABHD11-AS1	TESC	0.164350655	0.000554382
ABHD11-AS1	CXCL17	0.61091836	2.91E-46
ABHD11-AS1	NPC2	0.427644766	0
ABHD11-AS1	COMP	0.324382654	4.30E-12
ABHD11-AS1	TUSC3	0.167323987	0.000437856
ABHD11-AS1	TMPRSS4	0.49706851	0
ABHD11-AS1	LGALS3	0.641612603	0
ABHD11-AS1	CRLF1	0.271033312	9.06E-09
ABHD11-AS1	CTXN1	0.415524216	0
ABHD11-AS1	PCSK1N	0.056844067	0.234503674
ABHD11-AS1	NMU	0.514892972	4.33E-31
ABHD11-AS1	GALE	0.492959063	0
ABHD11-AS1	PCSK2	0.110300922	0.020845167
ABHD11-AS1	GJB3	0.415818102	0
ABHD11-AS1	SLPI	0.456445363	0
ABHD11-AS1	AGR2	0.163748131	0.000581259
ABHD11-AS1	MRC2	0.259453587	3.91E-08
ABHD11-AS1	GOLT1A	0.412737967	0
ABHD11-AS1	SLC27A6	0.322113058	4.68E-12
ABHD11-AS1	KCNN4	0.459224945	0
ABHD11-AS1	ETV4	0.340240837	2.33E-13
ABHD11-AS1	SYT12	0.464136765	0
ABHD11-AS1	PVRL4	0.562084098	0
ABHD11-AS1	PLCD3	0.51363069	0
ABHD11-AS1	PLAU	0.330697952	1.56E-12
ABHD11-AS1	LRRK2	0.016116528	0.736214914
ABHD11-AS1	SFN	0.522358496	0
ABHD11-AS1	LPAR5	0.364794747	3.37E-15
ABHD11-AS1	NGEF	0.487938312	0
ABHD11-AS1	DTX4	0.478854211	0

ABHD11-AS1	CST6	0.467678155	0
ABHD11-AS1	QPCT	0.295084351	3.49E-10
ABHD11-AS1	TIMP1	0.428332818	0
ABHD11-AS1	CAMK2N1	0.296245571	2.96E-10
ABHD11-AS1	KLHDC8A	0.068053314	0.154548611
ABHD11-AS1	PDLIM4	0.569764721	0
ABHD11-AS1	SCEL	0.371935396	6.88E-16
ABHD11-AS1	LCN2	0.590347841	0
ABHD11-AS1	PROS1	0.508648094	0
ABHD11-AS1	GABRB2	0.396342588	0
ABHD11-AS1	TMPRSS6	0.569869255	0
ABHD11-AS1	KLK7	0.475819558	3.48E-26
ABHD11-AS1	PDZK1IP1	0.438306663	0
ABHD11-AS1	CDH3	0.213587146	6.67E-06
ABHD11-AS1	LRP4	0.060143482	0.208415693
ABHD11-AS1	IGSF1	0.192928001	4.88E-05
ABHD11-AS1	B3GNT3	0.547897974	0
ABHD11-AS1	CLDN1	0.307331278	5.90E-11
ABHD11-AS1	GDF15	0.581469404	0
ABHD11-AS1	ARHGAP36	0.231430533	9.49E-07
ABHD11-AS1	LAMB3	0.350233038	5.52E-14
ABHD11-AS1	KLK10	0.480646465	0
ABHD11-AS1	DPP4	0.464821129	0
ABHD11-AS1	METTL7B	0.398135551	0
ABHD11-AS1	LIPH	0.457988835	0
ABHD11-AS1	CLDN16	0.375262753	2.91E-16
ABHD11-AS1	CHI3L1	0.484806832	0
ABHD11-AS1	SLC22A31	0.394155315	9.09E-18
ABHD11-AS1	TACSTD2	0.499680866	0
ABHD11-AS1	SFTPB	0.489832973	0
ABHD11-AS1	RXRG	0.24520165	2.15E-07
ABHD11-AS1	DCSTAMP	0.532985808	1.38E-33
ABHD11-AS1	CITED1	0.448086759	0
ABHD11-AS1	SERPINA1	0.554589282	0
ABHD11-AS1	PRR15	0.206268918	1.38E-05
ABHD11-AS1	SLC34A2	0.582656439	0
ABHD11-AS1	FN1	0.492290726	0
ABHD11-AS1	ZCCHC12	0.182825793	0.000120069
RP3-449M8.9	TFF3	-0.490832499	0
RP3-449M8.9	CCL21	-0.385329568	5.47E-17
RP3-449M8.9	TPO	-0.537016938	0
RP3-449M8.9	MT1G	-0.487361744	0
RP3-449M8.9	DIO1	-0.559848178	0
RP3-449M8.9	DPT	-0.323888254	3.52E-12
RP3-449M8.9	CDH16	-0.523515745	0
RP3-449M8.9	CRABP1	-0.384452654	6.52E-17
RP3-449M8.9	SLC26A7	-0.455655472	0
RP3-449M8.9	MT1H	-0.471545553	1.10E-25
RP3-449M8.9	SLC26A4	-0.449328827	0
RP3-449M8.9	SLC5A8	-0.540503274	1.15E-34
RP3-449M8.9	PKHD1L1	-0.5226025	3.90E-32

RP3-449M8.9	TFCP2L1	-0.544514023	0
RP3-449M8.9	WSCD2	-0.528891604	5.23E-33
RP3-449M8.9	IPCEF1	-0.504200365	0
RP3-449M8.9	SLC5A5	-0.413153606	1.58E-19
RP3-449M8.9	MT1F	-0.488052775	0
RP3-449M8.9	FOSB	-0.243683567	2.57E-07
RP3-449M8.9	SEMA3D	-0.547461915	1.08E-35
RP3-449M8.9	BMP8A	-0.476174766	0
RP3-449M8.9	MATN2	-0.553194881	0
RP3-449M8.9	PLA2R1	-0.550699115	0
RP3-449M8.9	COL23A1	-0.404529427	0
RP3-449M8.9	HGD	-0.511553911	0
RP3-449M8.9	TCEAL2	-0.441125109	0
RP3-449M8.9	CHRD1	-0.338206467	3.30E-13
RP3-449M8.9	TNFRSF11B	-0.534271539	0
RP3-449M8.9	FAM167A	-0.520243563	0
RP3-449M8.9	KIT	-0.529613324	0
RP3-449M8.9	SLC4A4	-0.579251355	0
RP3-449M8.9	SMOC2	-0.367120876	2.06E-15
RP3-449M8.9	FHL1	-0.559406355	0
RP3-449M8.9	OTOS	-0.449967377	0
RP3-449M8.9	IGFBPL1	-0.554075201	1.09E-36
RP3-449M8.9	HBB	-0.285542825	1.32E-09
RP3-449M8.9	BEX1	-0.403406077	0
RP3-449M8.9	FABP4	-0.42794694	5.63E-21
RP3-449M8.9	LMOD1	-0.457152705	0
RP3-449M8.9	SOD3	-0.543534922	0
RP3-449M8.9	TMEM171	-0.494448353	0
RP3-449M8.9	PI16	-0.315234868	1.79E-11
RP3-449M8.9	ZMAT4	-0.544051164	3.46E-35
RP3-449M8.9	MFAP4	-0.243852779	2.52E-07
RP3-449M8.9	CWH43	-0.514494426	4.89E-31
RP3-449M8.9	SPX	-0.49637053	0
RP3-449M8.9	APOD	-0.227288046	1.60E-06
RP3-449M8.9	DPP6	-0.509183529	0
RP3-449M8.9	MMRN1	-0.356826196	1.63E-14
RP3-449M8.9	WDR72	-0.486545188	0
RP3-449M8.9	MPPED2	-0.527442506	0
RP3-449M8.9	PAPSS2	-0.450530329	0
RP3-449M8.9	DCN	-0.213505022	6.73E-06
RP3-449M8.9	SORBS2	-0.568805051	0
RP3-449M8.9	EGR2	-0.23019131	1.17E-06
RP3-449M8.9	EDN3	-0.302373133	9.84E-11
RP3-449M8.9	DIO2	-0.501239373	0
RP3-449M8.9	ITPR1	-0.579553894	0
RP3-449M8.9	CFD	-0.238452472	4.67E-07
RP3-449M8.9	CPXM1	-0.369216946	1.30E-15
RP3-449M8.9	ELMO1	-0.551781049	0
RP3-449M8.9	GPC3	-0.407698083	5.20E-19
RP3-449M8.9	MYOC	-0.134573695	0.004736164
RP3-449M8.9	DEPTOR	-0.541850322	0

RP3-449M8.9	DGKI	-0.537725131	0
RP3-449M8.9	CARTPT	-0.391191674	1.67E-17
RP3-449M8.9	IYD	-0.398105481	0
RP3-449M8.9	LYVE1	-0.28964674	7.48E-10
RP3-449M8.9	CLCNKB	-0.4663985	0
RP3-449M8.9	NCAM1	-0.582688353	0
RP3-449M8.9	HBA2	-0.219409702	3.67E-06
RP3-449M8.9	GLT8D2	-0.442458945	0
RP3-449M8.9	OGDHL	-0.518811291	0
RP3-449M8.9	LIFR	-0.534002757	0
RP3-449M8.9	CSGALNACT1	-0.521674132	0
RP3-449M8.9	RAP1GAP	-0.448877501	0
RP3-449M8.9	COL9A3	-0.4440088	0
RP3-449M8.9	FBLN1	-0.259809314	3.74E-08
RP3-449M8.9	EFEMP1	-0.450476998	0
RP3-449M8.9	AOX1	-0.544587514	2.88E-35
RP3-449M8.9	GRIN2C	-0.509879665	0
RP3-449M8.9	C11orf74	-0.45295773	0
RP3-449M8.9	PPARGC1A	-0.557927135	0
RP3-449M8.9	ANGPTL1	-0.428684858	0
RP3-449M8.9	SCARA5	-0.325318561	2.79E-12
RP3-449M8.9	LTF	-0.512062397	0
RP3-449M8.9	CA4	-0.36571306	2.44E-15
RP3-449M8.9	TG	-0.426485815	0
RP3-449M8.9	FCGBP	-0.530662493	0
RP3-449M8.9	PBX4	-0.382451059	1.16E-17
RP3-449M8.9	CYR61	-0.268695978	1.22E-08
RP3-449M8.9	FOS	-0.306660246	6.52E-11
RP3-449M8.9	KHDRBS2	-0.468144799	0
RP3-449M8.9	MUM1L1	-0.496939013	0
RP3-449M8.9	RGS16	-0.437321037	0
RP3-449M8.9	MT1M	-0.406133747	0
RP3-449M8.9	LRP2	-0.505425554	0
RP3-449M8.9	MAFB	-0.474327054	0
RP3-449M8.9	KCNK2	-0.542185625	0
RP3-449M8.9	TBC1D4	-0.517058043	0
RP3-449M8.9	MIOX	-0.466236255	4.47E-25
RP3-449M8.9	TPPP	-0.462222106	0
RP3-449M8.9	FMOD	-0.597496149	0
RP3-449M8.9	CITED2	-0.463920747	0
RP3-449M8.9	RGS8	-0.533115452	1.33E-33
RP3-449M8.9	ABI3BP	-0.369629975	1.18E-15
RP3-449M8.9	ADH1B	-0.333010417	7.90E-13
RP3-449M8.9	OGN	-0.272544018	6.46E-09
RP3-449M8.9	NR4A1	-0.196378614	3.55E-05
RP3-449M8.9	FOXJ1	-0.409365801	3.63E-19
RP3-449M8.9	ALDH1A1	-0.478402176	0
RP3-449M8.9	OCA2	-0.48225676	5.97E-27
RP3-449M8.9	TMEM139	-0.359550178	9.67E-15
RP3-449M8.9	ARHGAP24	-0.509803215	0
RP3-449M8.9	SLC25A15	-0.558305557	0

RP3-449M8.9	DES	-0.260023994	3.24E-08
RP3-449M8.9	GDF10	-0.460848122	1.82E-24
RP3-449M8.9	KIAA1324	-0.479346812	0
RP3-449M8.9	JUN	-0.245420646	2.10E-07
RP3-449M8.9	C7	-0.177962481	0.000182277
RP3-449M8.9	LGI3	-0.498196115	0
RP3-449M8.9	CDON	-0.555261023	0
RP3-449M8.9	BCL2	-0.620974875	0
RP3-449M8.9	HLF	-0.433246056	0
RP3-449M8.9	EGR1	-0.288048661	9.33E-10
RP3-449M8.9	IP6K3	-0.505612495	0
RP3-449M8.9	SCUBE3	-0.47101927	0
RP3-449M8.9	PKNOX2	-0.476895724	0
RP3-449M8.9	SMAD9	-0.545127611	0
RP3-449M8.9	IQGAP2	-0.569370413	0
RP3-449M8.9	GNA14	-0.543391808	0
RP3-449M8.9	LAYN	-0.451073423	0
RP3-449M8.9	AVPR1A	-0.453930732	0
RP3-449M8.9	PDLIM3	-0.457782036	0
RP3-449M8.9	GPM6A	-0.448836226	0
RP3-449M8.9	SDPR	-0.269339067	1.13E-08
RP3-449M8.9	CRYAB	-0.329343266	1.94E-12
RP3-449M8.9	FOXA2	-0.368779827	1.37E-15
RP3-449M8.9	C8orf88	-0.46914007	0
RP3-449M8.9	ISM1	-0.433967014	0
RP3-449M8.9	BMP2	-0.317414337	1.28E-11
RP3-449M8.9	ID4	-0.536182936	0
RP3-449M8.9	NUPR1	-0.379747643	6.51E-17
RP3-449M8.9	SERTM1	-0.587651374	4.08E-42
RP3-449M8.9	IRS1	-0.505857874	0
RP3-449M8.9	FIBIN	-0.355112519	2.25E-14
RP3-449M8.9	PODN	-0.242771412	2.85E-07
RP3-449M8.9	TDRD9	-0.403660816	0
RP3-449M8.9	EPHA3	-0.370158035	1.05E-15
RP3-449M8.9	AIF1L	-0.442337249	0
RP3-449M8.9	EBF4	-0.508853474	0
RP3-449M8.9	ADM2	-0.541708485	0
RP3-449M8.9	GSTM3	-0.475474942	0
RP3-449M8.9	HSD17B6	-0.294196876	3.96E-10
RP3-449M8.9	AGR3	-0.250893168	9.97E-08
RP3-449M8.9	EPHB1	-0.465534286	0
RP3-449M8.9	TMOD1	-0.367574046	1.87E-15
RP3-449M8.9	WASF3	-0.545927289	0
RP3-449M8.9	SELV	-0.490362857	6.15E-28
RP3-449M8.9	ENPP1	-0.316194113	1.55E-11
RP3-449M8.9	SYNE1	-0.556533038	4.57E-37
RP3-449M8.9	PLCH1	-0.493730941	0
RP3-449M8.9	CCDC146	-0.471933268	0
RP3-449M8.9	SLC16A2	-0.501901469	0
RP3-449M8.9	IER2	-0.327099686	2.79E-12
RP3-449M8.9	KCNAB1	-0.408561147	0

RP3-449M8.9	SYNDIG1	-0.539892402	0
RP3-449M8.9	C16orf89	-0.380255278	5.19E-17
RP3-449M8.9	CTGF	-0.187304442	8.10E-05
RP3-449M8.9	NR4A3	-0.140865405	0.003121995
RP3-449M8.9	KIAA1456	-0.414362002	0
RP3-449M8.9	AQP4	-0.36092075	7.39E-15
RP3-449M8.9	RNF150	-0.584715205	0
RP3-449M8.9	C1S	-0.197766065	3.11E-05
RP3-449M8.9	PFKFB2	-0.496477759	0
RP3-449M8.9	PROX1	-0.456121974	0
RP3-449M8.9	TCF7L1	-0.502034795	0
RP3-449M8.9	HSPB6	-0.271904617	8.09E-09
RP3-449M8.9	FHDC1	-0.347443669	9.09E-14
RP3-449M8.9	PRR15L	-0.380194289	5.34E-17
RP3-449M8.9	SLC1A1	-0.442226332	0
RP3-449M8.9	BTBD11	-0.512743215	0
RP3-449M8.9	TRIM58	-0.568934122	0
RP3-449M8.9	LRIG1	-0.538991311	0
RP3-449M8.9	ROR2	-0.490544002	0
RP3-449M8.9	GPR125	-0.510858909	0
RP3-449M8.9	FLRT1	-0.544533739	0
RP3-449M8.9	PGF	-0.426629638	0
RP3-449M8.9	DUSP1	-0.251200651	1.06E-07
RP3-449M8.9	PLA2G7	-0.4235539	0
RP3-449M8.9	PLSCR4	-0.456146512	0
RP3-449M8.9	FAM46B	-0.333552708	9.75E-13
RP3-449M8.9	GLDC	-0.522709259	0
RP3-449M8.9	ZBTB16	-0.335115895	7.52E-13
RP3-449M8.9	OMD	-0.240681007	3.33E-07
RP3-449M8.9	HSD11B2	-0.350898964	4.89E-14
RP3-449M8.9	FGL2	-0.29284531	4.79E-10
RP3-449M8.9	CLCNKA	-0.488248456	1.12E-27
RP3-449M8.9	GATM	-0.420785664	0
RP3-449M8.9	TNS3	-0.543198768	0
RP3-449M8.9	TOB1	-0.456482808	0
RP3-449M8.9	MARC2	-0.478479903	0
RP3-449M8.9	LRRC2	-0.517409231	0
RP3-449M8.9	SORD	-0.331194808	1.44E-12
RP3-449M8.9	RIMS4	-0.417841835	0
RP3-449M8.9	SLC29A4	-0.478807547	0
RP3-449M8.9	SLC39A14	-0.532255749	0
RP3-449M8.9	FAXDC2	-0.551821756	0
RP3-449M8.9	HSPB8	-0.432228517	0
RP3-449M8.9	CCL19	-0.084707728	0.07623675
RP3-449M8.9	KCNIP3	-0.481572662	0
RP3-449M8.9	CGNL1	-0.436720357	0
RP3-449M8.9	ATF3	-0.062310896	0.192461329
RP3-449M8.9	SGCD	-0.439697234	0
RP3-449M8.9	STARD13	-0.534971789	0
RP3-449M8.9	LDHD	-0.450189211	0
RP3-449M8.9	RCAN1	-0.370299021	1.01E-15

RP3-449M8.9	ID3	-0.47925944	0
RP3-449M8.9	SYTL3	-0.470768927	0
RP3-449M8.9	MT1E	-0.308165138	5.21E-11
RP3-449M8.9	CAMK1D	-0.447958113	0
RP3-449M8.9	PRKCQ	-0.520537733	0
RP3-449M8.9	NUAK2	-0.477212446	0
RP3-449M8.9	LIPG	-0.357556515	1.42E-14
RP3-449M8.9	SLC25A25	-0.334726552	8.03E-13
RP3-449M8.9	PRKX	-0.31105663	3.38E-11
RP3-449M8.9	SRPX	-0.212798957	7.22E-06
RP3-449M8.9	FAM189A1	-0.425600609	0
RP3-449M8.9	PLEKHH1	-0.372802588	5.55E-16
RP3-449M8.9	WNT11	-0.434634074	0
RP3-449M8.9	SNAI1	-0.412276855	0
RP3-449M8.9	FDCSP	-0.137094064	0.00400396
RP3-449M8.9	MT1X	-0.229403688	1.27E-06
RP3-449M8.9	ACACB	-0.571479957	0
RP3-449M8.9	ARC	-0.045970123	0.336444072
RP3-449M8.9	KLK4	-0.354124408	2.04E-14
RP3-449M8.9	ZFPM2	-0.398342066	0
RP3-449M8.9	AKAP12	-0.3866249	0
RP3-449M8.9	GJB6	-0.404302261	1.08E-18
RP3-449M8.9	ERO1LB	-0.503375156	0
RP3-449M8.9	DNALI1	-0.352905959	3.39E-14
RP3-449M8.9	HKDC1	-0.459760097	0
RP3-449M8.9	ZFP36L2	-0.443917598	0
RP3-449M8.9	CAPSL	-0.467451724	3.25E-25
RP3-449M8.9	CYP7B1	-0.520492771	0
RP3-449M8.9	CPQ	-0.443040477	0
RP3-449M8.9	RPS6KA6	-0.498317829	6.22E-29
RP3-449M8.9	TLE1	-0.512547054	0
RP3-449M8.9	TP53INP2	-0.447200135	0
RP3-449M8.9	KATNAL2	-0.517187114	0
RP3-449M8.9	SGPP2	-0.407506163	0
RP3-449M8.9	CTH	-0.560354536	0
RP3-449M8.9	KIF12	-0.309742509	4.12E-11
RP3-449M8.9	TMEM220	-0.462505496	0
RP3-449M8.9	CENPJ	-0.42514049	0
RP3-449M8.9	FAM155B	-0.299619309	1.82E-10
RP3-449M8.9	WFS1	-0.587201752	0
RP3-449M8.9	SELENBP1	-0.355680861	2.03E-14
RP3-449M8.9	SNTA1	-0.447273039	0
RP3-449M8.9	FRAS1	-0.35183367	4.13E-14
RP3-449M8.9	FBLN7	-0.539266759	0
RP3-449M8.9	AGPAT9	-0.447936979	0
RP3-449M8.9	GPR83	-0.421766184	0
RP3-449M8.9	PRTG	-0.478998601	0
RP3-449M8.9	EGR3	-0.084895622	0.075592188
RP3-449M8.9	GRAMD2	-0.440058068	0
RP3-449M8.9	HYOU1	-0.606803076	0
RP3-449M8.9	FBLN5	-0.331339056	1.40E-12

RP3-449M8.9	ITM2A	-0.44346996	0
RP3-449M8.9	SRF	-0.349783698	5.98E-14
RP3-449M8.9	FGFR2	-0.394439701	0
RP3-449M8.9	MT1A	-0.175715504	0.000215617
RP3-449M8.9	MAMDC2	-0.226219445	1.79E-06
RP3-449M8.9	FHL2	-0.449438609	0
RP3-449M8.9	FTCDNL1	-0.481614078	0
RP3-449M8.9	PKIA	-0.299887807	1.75E-10
RP3-449M8.9	DNAJB4	-0.31811941	1.15E-11
RP3-449M8.9	SLC25A33	-0.462791582	0
RP3-449M8.9	EYA2	-0.380768587	4.02E-17
RP3-449M8.9	LPAR1	-0.401207034	0
RP3-449M8.9	STX11	-0.336798935	5.68E-13
RP3-449M8.9	ARHGEF28	-0.50502302	0
RP3-449M8.9	OR2W3	-0.535863093	0
RP3-449M8.9	ALDH1B1	-0.574065526	7.61E-40
RP3-449M8.9	CXCL12	-0.291960104	5.42E-10
RP3-449M8.9	OLFM2	-0.395506032	0
RP3-449M8.9	TUB	-0.408991907	0
RP3-449M8.9	HTRA3	-0.272398778	7.59E-09
RP3-449M8.9	CKB	-0.380346338	4.97E-17
RP3-449M8.9	RGS2	-0.12672325	0.007888415
RP3-449M8.9	SHANK2	-0.49418255	0
RP3-449M8.9	CNTFR	-0.398307721	3.83E-18
RP3-449M8.9	CYTH3	-0.508502427	0
RP3-449M8.9	PLAC9	-0.238581685	4.60E-07
RP3-449M8.9	WVOX	-0.465070479	0
RP3-449M8.9	NPR3	-0.43694531	0
RP3-449M8.9	SDC2	-0.377808162	1.34E-16
RP3-449M8.9	KLF15	-0.366547571	2.33E-15
RP3-449M8.9	TMEM164	-0.639780209	0
RP3-449M8.9	LONRF3	-0.213349285	6.83E-06
RP3-449M8.9	GBP1	-0.181688685	0.000132506
RP3-449M8.9	ARHGAP6	-0.409007083	0
RP3-449M8.9	TMEM119	-0.247580259	1.63E-07
RP3-449M8.9	SH3RF1	-0.454527867	0
RP3-449M8.9	CRELD2	-0.445797366	0
RP3-449M8.9	PCP4	-0.118635555	0.012908022
RP3-449M8.9	GCSH	-0.435727639	0
RP3-449M8.9	IMPA2	-0.433977368	0
RP3-449M8.9	C1R	-0.167760704	0.000422801
RP3-449M8.9	SUCNR1	-0.331440044	1.38E-12
RP3-449M8.9	SFRP1	-0.398527872	0
RP3-449M8.9	UGT8	-0.500807621	0
RP3-449M8.9	TLE4	-0.300932154	1.51E-10
RP3-449M8.9	ANTXR1	-0.451010873	0
RP3-449M8.9	GPX3	-0.408495619	0
RP3-449M8.9	DPY19L2	-0.398331428	0
RP3-449M8.9	FAM46C	-0.531189276	0
RP3-449M8.9	IL33	-0.321288134	5.34E-12
RP3-449M8.9	PEG3	-0.52785043	0

RP3-449M8.9	FAHD2A	-0.418533716	0
RP3-449M8.9	PTGDS	-0.129331635	0.00669101
RP3-449M8.9	CHCHD10	-0.354837214	2.37E-14
RP3-449M8.9	CD36	-0.420722972	0
RP3-449M8.9	ANKRD37	-0.298900337	2.02E-10
RP3-449M8.9	TSPAN33	-0.536497247	0
RP3-449M8.9	PRDM16	-0.461835458	0
RP3-449M8.9	UST	-0.345562484	1.27E-13
RP3-449M8.9	NEXN	-0.413545872	0
RP3-449M8.9	NUPR1L	-0.161443548	0.000685604
RP3-449M8.9	SLC24A3	-0.5646722	0
RP3-449M8.9	MARC1	-0.399164437	0
RP3-449M8.9	MYH11	-0.297483809	2.48E-10
RP3-449M8.9	APOA1	-0.407230233	5.76E-19
RP3-449M8.9	TMEM178B	-0.467550785	0
RP3-449M8.9	CAPN6	-0.262304699	2.43E-08
RP3-449M8.9	PPM1L	-0.565419682	0
RP3-449M8.9	FZD8	-0.554850404	0
RP3-449M8.9	RCAN2	-0.534105589	0
RP3-449M8.9	COPZ2	-0.483333853	0
RP3-449M8.9	GAS1	-0.326436739	3.10E-12
RP3-449M8.9	DACT1	-0.465683924	0
RP3-449M8.9	WBSCR17	-0.412948595	0
RP3-449M8.9	NCS1	-0.452592641	0
RP3-449M8.9	SPIRE2	-0.360222628	8.48E-15
RP3-449M8.9	C15orf52	-0.438584948	0
RP3-449M8.9	SPAG5	-0.441494311	0
RP3-449M8.9	ARL4D	-0.448654817	0
RP3-449M8.9	FAM189A2	-0.270778572	9.36E-09
RP3-449M8.9	MAP1LC3A	-0.39378413	0
RP3-449M8.9	KLF6	-0.00535733	0.910844185
RP3-449M8.9	ADD3	-0.360185183	8.54E-15
RP3-449M8.9	TSPAN7	-0.37086254	8.88E-16
RP3-449M8.9	KLF9	-0.248287033	1.50E-07
RP3-449M8.9	KCNQ1	-0.436410443	0
RP3-449M8.9	MAN1A1	-0.31701691	1.36E-11
RP3-449M8.9	MLF1	-0.262515567	2.67E-08
RP3-449M8.9	RARB	-0.494733162	0
RP3-449M8.9	CDC42EP2	-0.290804982	6.37E-10
RP3-449M8.9	FAM3B	-0.214708936	5.95E-06
RP3-449M8.9	GADD45B	-0.127342795	0.007587862
RP3-449M8.9	TMEM47	-0.380294993	5.09E-17
RP3-449M8.9	SDF2L1	-0.343173946	1.92E-13
RP3-449M8.9	CCDC85A	-0.413399212	0
RP3-449M8.9	CRYBG3	-0.38671369	0
RP3-449M8.9	FBLN2	-0.198702616	2.85E-05
RP3-449M8.9	PEBP4	-0.153438132	0.001274956
RP3-449M8.9	CDADC1	-0.476033922	0
RP3-449M8.9	FAM63A	-0.509398979	0
RP3-449M8.9	GLUL	-0.390659741	0
RP3-449M8.9	FREM2	-0.448839489	0

RP3-449M8.9	ACKR3	-0.407234119	0
RP3-449M8.9	DENND6A	-0.568197988	0
RP3-449M8.9	CLDN8	-0.259175019	4.04E-08
RP3-449M8.9	UTS2R	-0.284270649	1.32E-09
RP3-449M8.9	SCNN1B	-0.315911715	1.61E-11
RP3-449M8.9	TTC30A	-0.608678447	0
RP3-449M8.9	CORO2B	-0.44920089	0
RP3-449M8.9	TC2N	-0.476113067	0
RP3-449M8.9	ALDH2	-0.483926874	0
RP3-449M8.9	GPR183	-0.037609676	0.43169345
RP3-449M8.9	C4orf47	-0.322242332	6.03E-12
RP3-449M8.9	SLC25A42	-0.430735397	0
RP3-449M8.9	LGMN	-0.572141202	0
RP3-449M8.9	ACSF2	-0.504849553	0
RP3-449M8.9	KIAA1467	-0.584593934	0
RP3-449M8.9	PRKG1	-0.44824122	0
RP3-449M8.9	GNAI1	-0.47020626	0
RP3-449M8.9	ABCC4	-0.483868154	0
RP3-449M8.9	PRPS1	-0.60171935	0
RP3-449M8.9	TSPAN5	-0.506283669	0
RP3-449M8.9	CR2	-0.271043279	7.87E-09
RP3-449M8.9	CCDC170	-0.495216685	0
RP3-449M8.9	RRAD	-0.040799309	0.393646721
RP3-449M8.9	SCGB2A1	-0.408981694	0
RP3-449M8.9	SESN3	-0.364849638	3.33E-15
RP3-449M8.9	SGK223	-0.377448322	1.51E-16
RP3-449M8.9	NDRG2	-0.512666907	0
RP3-449M8.9	C3orf52	-0.324465912	4.24E-12
RP3-449M8.9	FLRT3	0.281033397	2.43E-09
RP3-449M8.9	MST1R	0.477217553	0
RP3-449M8.9	SDC1	0.153511746	0.001268034
RP3-449M8.9	ST8SIA4	0.250643515	1.14E-07
RP3-449M8.9	UBTD1	0.510181353	0
RP3-449M8.9	EPHA2	0.382299577	1.37E-17
RP3-449M8.9	TMEM130	0.403167223	0
RP3-449M8.9	SPINK2	0.407147031	0
RP3-449M8.9	MMP16	0.369150566	1.32E-15
RP3-449M8.9	SIGLEC15	0.5239214	0
RP3-449M8.9	RIN1	0.573870906	0
RP3-449M8.9	IL1RN	0.348193988	7.95E-14
RP3-449M8.9	FCER1G	0.222660751	2.62E-06
RP3-449M8.9	CD276	0.501843174	0
RP3-449M8.9	CTSB	0.440692931	0
RP3-449M8.9	FAM171A2	0.298694815	2.08E-10
RP3-449M8.9	ASPHD1	0.457844444	0
RP3-449M8.9	C15orf48	0.28564821	1.30E-09
RP3-449M8.9	DYSF	0.249239611	1.34E-07
RP3-449M8.9	PDZRN4	0.28487846	1.44E-09
RP3-449M8.9	EFHD2	0.413658348	0
RP3-449M8.9	ASF1B	0.250983499	1.09E-07
RP3-449M8.9	AQP1	0.233056987	8.52E-07

RP3-449M8.9	ARRDC2	0.578906691	0
RP3-449M8.9	PRSS1	0.514395705	5.04E-31
RP3-449M8.9	MAPK13	0.424294999	0
RP3-449M8.9	CST5	0.425553145	9.76E-21
RP3-449M8.9	AHR	0.364896445	3.30E-15
RP3-449M8.9	BAX	0.3732281	4.99E-16
RP3-449M8.9	C1orf115	0.453171904	0
RP3-449M8.9	PLK3	0.52671474	0
RP3-449M8.9	JAG2	0.34472068	1.47E-13
RP3-449M8.9	RAD23B	0.537581308	0
RP3-449M8.9	CA12	0.016828266	0.7250269
RP3-449M8.9	ADTRP	0.440263023	0
RP3-449M8.9	UCP2	0.452905534	0
RP3-449M8.9	IGFBP2	0.289593977	7.54E-10
RP3-449M8.9	LOXL2	0.264160594	2.17E-08
RP3-449M8.9	GPX1	0.351391706	4.47E-14
RP3-449M8.9	P3H3	0.48225887	0
RP3-449M8.9	C2orf81	0.500857689	0
RP3-449M8.9	CDT1	0.325478629	3.61E-12
RP3-449M8.9	SNX25	0.395668152	0
RP3-449M8.9	MTHFD1L	0.389699929	0
RP3-449M8.9	CDC42BPG	0.486389539	1.89E-27
RP3-449M8.9	MSN	0.453741664	0
RP3-449M8.9	SIGLEC6	0.401387926	2.01E-18
RP3-449M8.9	F2R	0.095269306	0.046077034
RP3-449M8.9	TMEM184A	0.483172726	0
RP3-449M8.9	CKS2	0.243478045	2.63E-07
RP3-449M8.9	TAX1BP3	0.496600022	0
RP3-449M8.9	PMEP1	0.409183954	0
RP3-449M8.9	CXCL16	0.389445757	0
RP3-449M8.9	FAXC	0.469338642	0
RP3-449M8.9	VTCN1	0.363974419	3.38E-15
RP3-449M8.9	SH2D4A	0.44202081	0
RP3-449M8.9	RNF24	0.365229053	3.08E-15
RP3-449M8.9	LY6G6C	0.44947366	3.23E-23
RP3-449M8.9	NID1	0.25145071	1.03E-07
RP3-449M8.9	STAC	0.440267987	0
RP3-449M8.9	RAB34	0.602007705	0
RP3-449M8.9	HES4	0.427810857	0
RP3-449M8.9	EPHA10	0.50972719	0
RP3-449M8.9	ENTPD2	0.575046168	0
RP3-449M8.9	DDB2	0.375039076	3.09E-16
RP3-449M8.9	NKAIN4	0.350185381	5.57E-14
RP3-449M8.9	TRIM29	0.338157876	4.52E-13
RP3-449M8.9	ADCY8	0.473722244	6.12E-26
RP3-449M8.9	SFTA2	0.350628764	5.14E-14
RP3-449M8.9	NRIP1	0.359409901	9.93E-15
RP3-449M8.9	VWA1	0.265105087	1.93E-08
RP3-449M8.9	APLNR	0.09698355	0.042284752
RP3-449M8.9	REN	0.599216349	3.91E-44
RP3-449M8.9	EDIL3	0.197534445	3.18E-05

RP3-449M8.9	AGRN	0.37103161	8.54E-16
RP3-449M8.9	TREM1	0.424222662	0
RP3-449M8.9	SRL	0.282017321	2.13E-09
RP3-449M8.9	RASGRF1	0.528151125	0
RP3-449M8.9	RMI2	0.400019006	0
RP3-449M8.9	SAMD1	0.485707781	0
RP3-449M8.9	MGAT4B	0.512088779	0
RP3-449M8.9	NXN	0.460299645	0
RP3-449M8.9	SH3BGRL3	0.46122882	0
RP3-449M8.9	CA11	0.472316654	0
RP3-449M8.9	PLD3	0.381828394	2.07E-17
RP3-449M8.9	LURAP1L	0.387447556	0
RP3-449M8.9	CARNS1	0.359312317	1.01E-14
RP3-449M8.9	PDLIM7	0.519457076	0
RP3-449M8.9	BCL2L1	0.445121512	0
RP3-449M8.9	GGT6	0.397236162	0
RP3-449M8.9	DPYSL3	0.297865635	2.35E-10
RP3-449M8.9	FYN	0.457340213	0
RP3-449M8.9	TK1	0.241246663	3.40E-07
RP3-449M8.9	AK1	0.424244646	0
RP3-449M8.9	HIGD1B	0.281430825	2.30E-09
RP3-449M8.9	TMEM59L	0.29990043	1.75E-10
RP3-449M8.9	MEGF9	0.350318566	5.43E-14
RP3-449M8.9	ZFP36L1	0.428803434	0
RP3-449M8.9	ADRA1B	0.407921604	0
RP3-449M8.9	EPHA4	0.401907284	0
RP3-449M8.9	TCERG1L	0.339597381	3.54E-13
RP3-449M8.9	NGFR	0.406199985	0
RP3-449M8.9	EBI3	0.391079295	0
RP3-449M8.9	S100A10	0.346164582	1.14E-13
RP3-449M8.9	S100B	0.383067058	4.20E-18
RP3-449M8.9	CD44	0.386218253	0
RP3-449M8.9	BHLHE41	0.483223362	0
RP3-449M8.9	FBXO2	0.488134473	0
RP3-449M8.9	SLC30A2	0.150049359	0.001633938
RP3-449M8.9	FRMD5	0.415195296	0
RP3-449M8.9	SAMD11	0.299059194	1.98E-10
RP3-449M8.9	SIP1L2	0.427308187	0
RP3-449M8.9	S100A16	0.513884437	0
RP3-449M8.9	PPL	0.39896388	0
RP3-449M8.9	ARHGD1B	0.256258422	5.78E-08
RP3-449M8.9	CDC42EP3	0.352954326	3.36E-14
RP3-449M8.9	RUNX2	0.547622242	0
RP3-449M8.9	LAMC2	0.335017318	7.65E-13
RP3-449M8.9	BRINP1	0.473788214	0
RP3-449M8.9	GPRC5B	0.472890102	0
RP3-449M8.9	AQP5	0.325943997	3.35E-12
RP3-449M8.9	PLAG1	0.460886851	0
RP3-449M8.9	PTPRU	0.369502322	1.22E-15
RP3-449M8.9	ANGPTL4	0.424507187	0
RP3-449M8.9	PALM3	0.446746398	0

RP3-449M8.9	ACP5	0.277625193	3.82E-09
RP3-449M8.9	DLG4	0.467463413	0
RP3-449M8.9	ETNK2	0.553382674	0
RP3-449M8.9	CD109	0.415618821	0
RP3-449M8.9	SNX22	0.580907587	0
RP3-449M8.9	TMEM98	0.48508696	0
RP3-449M8.9	CTHRC1	0.254158239	7.45E-08
RP3-449M8.9	S100A2	0.453316436	0
RP3-449M8.9	C11orf80	0.567525538	0
RP3-449M8.9	SREBF1	0.480675116	0
RP3-449M8.9	PRSS22	0.55024169	0
RP3-449M8.9	CMTM3	0.442007194	0
RP3-449M8.9	RDH5	0.616144895	0
RP3-449M8.9	MYH10	0.396449675	0
RP3-449M8.9	EVPL	0.417423415	0
RP3-449M8.9	SCD	0.293688106	4.25E-10
RP3-449M8.9	CD151	0.545463623	0
RP3-449M8.9	S100A4	0.424369038	0
RP3-449M8.9	BNIP1	0.558874182	0
RP3-449M8.9	MAP3K6	0.555905673	0
RP3-449M8.9	MANEAL	0.383941626	0
RP3-449M8.9	CD207	0.474807935	4.57E-26
RP3-449M8.9	CD1A	0.445191818	9.29E-23
RP3-449M8.9	C3	0.283274282	1.79E-09
RP3-449M8.9	NT5E	0.36767546	1.83E-15
RP3-449M8.9	CACNG4	0.37474503	4.38E-16
RP3-449M8.9	FHOD1	0.609186082	0
RP3-449M8.9	LEMD1	0.535552186	0
RP3-449M8.9	ATP11A	0.321725761	6.54E-12
RP3-449M8.9	PPAP2C	0.428106162	0
RP3-449M8.9	DRAM1	0.396421875	0
RP3-449M8.9	CDA	0.304644173	8.77E-11
RP3-449M8.9	CCND2	0.398095695	0
RP3-449M8.9	LCN6	0.391032148	1.73E-17
RP3-449M8.9	CDH4	0.388034478	0
RP3-449M8.9	MMP11	0.40540981	0
RP3-449M8.9	B3GAT1	0.334959307	7.72E-13
RP3-449M8.9	SPP1	0.19862886	2.87E-05
RP3-449M8.9	HLA-DQB1	0.264574758	2.06E-08
RP3-449M8.9	SDC3	0.475668266	0
RP3-449M8.9	CX3CL1	0.331381182	1.39E-12
RP3-449M8.9	SDK1	0.403097723	0
RP3-449M8.9	DOCK9	0.434689249	0
RP3-449M8.9	CSF2	0.561474629	7.82E-38
RP3-449M8.9	GRHL3	0.512182391	0
RP3-449M8.9	TMEM92	0.528884975	5.24E-33
RP3-449M8.9	BASP1	0.493038917	0
RP3-449M8.9	HRH1	0.420221294	0
RP3-449M8.9	ESM1	0.118520242	0.012996428
RP3-449M8.9	B4GALNT3	0.442611704	0
RP3-449M8.9	LMO3	0.42712777	0

RP3-449M8.9	C9orf16	0.49099703	0
RP3-449M8.9	SEMA3F	0.352420592	3.71E-14
RP3-449M8.9	PLA2G12B	0.471055597	1.25E-25
RP3-449M8.9	KLK6	0.483347832	4.41E-27
RP3-449M8.9	ST3GAL5	0.578451536	0
RP3-449M8.9	FAM132B	0.286153859	1.21E-09
RP3-449M8.9	CDKN1A	0.190627261	6.01E-05
RP3-449M8.9	E2F1	0.320766091	7.61E-12
RP3-449M8.9	B3GNT8	0.461152654	0
RP3-449M8.9	MTMR11	0.498511845	0
RP3-449M8.9	MYO1G	0.339779358	3.43E-13
RP3-449M8.9	TMSB10	0.519221626	0
RP3-449M8.9	UNC5CL	0.553176726	0
RP3-449M8.9	ABR	0.346407265	1.09E-13
RP3-449M8.9	PLP2	0.490049416	0
RP3-449M8.9	SRCIN1	0.437909945	0
RP3-449M8.9	PDE9A	0.559690455	0
RP3-449M8.9	TREM2	0.261021312	3.22E-08
RP3-449M8.9	KDELR3	0.296491942	2.86E-10
RP3-449M8.9	PC	0.515052182	0
RP3-449M8.9	C2CD4A	0.476808494	0
RP3-449M8.9	PELI1	0.459232321	0
RP3-449M8.9	SSX1	0.315608467	1.69E-11
RP3-449M8.9	MROH6	0.582615732	0
RP3-449M8.9	ESPN	0.574857525	0
RP3-449M8.9	BMP1	0.578192257	0
RP3-449M8.9	TM4SF4	0.476644585	2.78E-26
RP3-449M8.9	CORO2A	0.479467515	0
RP3-449M8.9	CD164L2	0.524200128	2.35E-32
RP3-449M8.9	CTSS	0.245389726	2.11E-07
RP3-449M8.9	CLU	0.533571005	0
RP3-449M8.9	TMSB4X	0.433086915	0
RP3-449M8.9	WNT10A	0.450021646	2.82E-23
RP3-449M8.9	NAPSA	0.402991203	0
RP3-449M8.9	PLEKHA4	0.554948839	0
RP3-449M8.9	SFTPA1	0.198837466	2.71E-05
RP3-449M8.9	C1orf116	0.47070042	0
RP3-449M8.9	TM4SF1	0.416705861	0
RP3-449M8.9	SEL1L3	0.314709645	1.94E-11
RP3-449M8.9	VASN	0.584633649	0
RP3-449M8.9	NPTXR	0.496000051	0
RP3-449M8.9	PDE4C	0.469008019	0
RP3-449M8.9	CDC42EP1	0.557997628	0
RP3-449M8.9	ENDOD1	0.518731437	0
RP3-449M8.9	RYR1	0.489062655	0
RP3-449M8.9	IL1RAP	0.46671735	0
RP3-449M8.9	SLC35F2	0.522425675	4.12E-32
RP3-449M8.9	ISYNA1	0.56730257	0
RP3-449M8.9	HLA-G	0.307987558	5.35E-11
RP3-449M8.9	CDKN2B	0.374253015	3.82E-16
RP3-449M8.9	ALDH1A3	0.30139823	1.41E-10

RP3-449M8.9	CLIP3	0.399665832	0
RP3-449M8.9	ULBP2	0.371002108	8.60E-16
RP3-449M8.9	ETHE1	0.515013602	0
RP3-449M8.9	XPR1	0.371740512	7.21E-16
RP3-449M8.9	SPTBN2	0.469552249	0
RP3-449M8.9	IVL	0.466247995	4.46E-25
RP3-449M8.9	MARCO	0.287334653	1.03E-09
RP3-449M8.9	PLXND1	0.341290916	2.65E-13
RP3-449M8.9	EMILIN2	0.4376301	0
RP3-449M8.9	PLAUR	0.416617496	0
RP3-449M8.9	CDC42EP5	0.577626895	0
RP3-449M8.9	TRPC5	0.457003167	4.87E-24
RP3-449M8.9	TMEM100	0.397952723	0
RP3-449M8.9	QSOX1	0.488072348	0
RP3-449M8.9	ARHGAP23	0.458069114	0
RP3-449M8.9	MDFI	0.363887841	4.07E-15
RP3-449M8.9	FSTL3	0.548905868	0
RP3-449M8.9	INF2	0.585322835	0
RP3-449M8.9	TGFBR1	0.548885586	0
RP3-449M8.9	TGFBI	0.281130697	2.39E-09
RP3-449M8.9	ERBB3	0.52515056	0
RP3-449M8.9	CCL18	0.252849366	8.72E-08
RP3-449M8.9	CCL17	0.424261824	1.31E-20
RP3-449M8.9	C16orf45	0.435266952	0
RP3-449M8.9	PRDM1	0.394057024	0
RP3-449M8.9	TRIM47	0.494582389	0
RP3-449M8.9	CNFN	0.443865119	0
RP3-449M8.9	ARMCX3	0.510569561	0
RP3-449M8.9	RAMP1	0.476202566	0
RP3-449M8.9	GABRD	0.268390461	1.27E-08
RP3-449M8.9	COL13A1	0.423858282	0
RP3-449M8.9	S100A5	0.47827665	0
RP3-449M8.9	MISP	0.339507173	3.60E-13
RP3-449M8.9	HES6	0.368055016	1.68E-15
RP3-449M8.9	PSD3	0.461005143	0
RP3-449M8.9	DOK7	0.478118644	0
RP3-449M8.9	ZMAT3	0.278801022	3.27E-09
RP3-449M8.9	MFAP2	0.442082793	0
RP3-449M8.9	TMEM79	0.574354854	0
RP3-449M8.9	SLC1A5	0.420478871	0
RP3-449M8.9	BBC3	0.418727466	0
RP3-449M8.9	HLA-DQB2	0.309540675	4.24E-11
RP3-449M8.9	C1QL1	0.493634491	0
RP3-449M8.9	TMEM215	0.337301988	3.84E-13
RP3-449M8.9	PNP	0.439849568	0
RP3-449M8.9	ARNTL	0.504726439	0
RP3-449M8.9	CLDN2	0.452732508	1.43E-23
RP3-449M8.9	MVP	0.544933152	0
RP3-449M8.9	LGALS1	0.470445113	0
RP3-449M8.9	BIRC7	0.501818708	2.23E-29
RP3-449M8.9	COL8A1	0.511380019	0

RP3-449M8.9	PERP	0.451218806	0
RP3-449M8.9	GJA4	0.311935169	2.96E-11
RP3-449M8.9	IGFL2	0.452063336	1.69E-23
RP3-449M8.9	DAPK2	0.524233441	0
RP3-449M8.9	MAMLD1	0.551042219	0
RP3-449M8.9	ETV5	0.388499136	0
RP3-449M8.9	RUNX1	0.460046182	0
RP3-449M8.9	LONRF2	0.428365157	0
RP3-449M8.9	SPOCK1	0.285503678	1.32E-09
RP3-449M8.9	XKRX	0.482327803	0
RP3-449M8.9	TGFB1	0.346535203	1.07E-13
RP3-449M8.9	ERP27	0.330221379	1.68E-12
RP3-449M8.9	TNFRSF10C	0.303482385	1.04E-10
RP3-449M8.9	PALM	0.595988846	0
RP3-449M8.9	TSC22D1	0.531467702	0
RP3-449M8.9	TGM2	0.266164752	1.69E-08
RP3-449M8.9	UBE2QL1	0.47375545	0
RP3-449M8.9	ECE1	0.552120181	0
RP3-449M8.9	COL8A2	0.515533293	0
RP3-449M8.9	HIST3H2A	0.41792098	0
RP3-449M8.9	TNFRSF21	0.406062686	0
RP3-449M8.9	SOX4	0.444503244	0
RP3-449M8.9	ELF3	0.500609474	0
RP3-449M8.9	TPD52L1	0.525032835	0
RP3-449M8.9	INHBB	0.516404741	0
RP3-449M8.9	HPN	0.456017582	0
RP3-449M8.9	MMP7	0.340112074	2.38E-13
RP3-449M8.9	RAB27A	0.53916109	0
RP3-449M8.9	IGF2BP2	0.55250073	0
RP3-449M8.9	ITGB4	0.432965077	0
RP3-449M8.9	PPP1R1B	0.54257284	0
RP3-449M8.9	NPDC1	0.483509448	0
RP3-449M8.9	CCL13	0.423570148	1.54E-20
RP3-449M8.9	SPINT1	0.539122794	0
RP3-449M8.9	HEY2	0.50399768	0
RP3-449M8.9	CST2	0.372829738	6.34E-16
RP3-449M8.9	ADM	0.431954345	0
RP3-449M8.9	VSTM2L	0.328218214	2.33E-12
RP3-449M8.9	FAM84A	0.395961755	0
RP3-449M8.9	P4HA2	0.421927169	0
RP3-449M8.9	LPL	0.374698809	3.39E-16
RP3-449M8.9	TMEM173	0.414544547	0
RP3-449M8.9	DHRS3	0.585902382	0
RP3-449M8.9	SCN1B	0.517242289	0
RP3-449M8.9	GLT1D1	0.373252212	4.96E-16
RP3-449M8.9	PHYHIP	0.521120825	0
RP3-449M8.9	BHLHE40	0.489497244	0
RP3-449M8.9	BID	0.574875254	0
RP3-449M8.9	POSTN	0.220742546	3.20E-06
RP3-449M8.9	ITGA3	0.506663083	0
RP3-449M8.9	RSP04	0.46535699	0

RP3-449M8.9	ADAMTS9	0.476618291	0
RP3-449M8.9	ABTB2	0.529951889	0
RP3-449M8.9	KCNQ3	0.463785009	0
RP3-449M8.9	ANXA1	0.602955886	0
RP3-449M8.9	S100A11	0.533139962	0
RP3-449M8.9	CEACAM6	0.367754751	1.66E-15
RP3-449M8.9	IER5L	0.576360998	0
RP3-449M8.9	KRT80	0.396684983	0
RP3-449M8.9	CDH6	0.402557182	0
RP3-449M8.9	UNC5B	0.309156438	4.49E-11
RP3-449M8.9	PLEKHN1	0.599479032	0
RP3-449M8.9	SYTL1	0.478484726	0
RP3-449M8.9	TMEM163	0.405734333	0
RP3-449M8.9	C4orf48	0.39048358	0
RP3-449M8.9	B3GNT7	0.510175963	0
RP3-449M8.9	BAIAP3	0.538376447	0
RP3-449M8.9	PHLDA2	0.556535288	0
RP3-449M8.9	GAP43	0.493323204	2.64E-28
RP3-449M8.9	S100A1	0.405860852	0
RP3-449M8.9	PTPRE	0.508732061	0
RP3-449M8.9	CCND1	0.356998102	1.58E-14
RP3-449M8.9	ST6GALNAC5	0.420625119	3.00E-20
RP3-449M8.9	KRT17	0.375311687	2.87E-16
RP3-449M8.9	HPCAL4	0.537451669	0
RP3-449M8.9	GABBR2	0.461960274	0
RP3-449M8.9	DIRAS3	0.486939211	0
RP3-449M8.9	SERINC2	0.446553925	0
RP3-449M8.9	PTCHD4	0.312721372	2.63E-11
RP3-449M8.9	EPS8	0.476669778	0
RP3-449M8.9	LY6E	0.559508194	0
RP3-449M8.9	UPP1	0.547456009	0
RP3-449M8.9	AHNAK2	0.40707285	0
RP3-449M8.9	PLXNC1	0.492289308	0
RP3-449M8.9	TNC	0.333805604	9.35E-13
RP3-449M8.9	DUSP4	0.426986925	0
RP3-449M8.9	NRCAM	0.455276767	0
RP3-449M8.9	NRP2	0.538431622	0
RP3-449M8.9	CTSC	0.533809859	0
RP3-449M8.9	AMIGO2	0.523955724	0
RP3-449M8.9	NAB2	0.590507976	0
RP3-449M8.9	TBC1D2	0.505045005	0
RP3-449M8.9	PHLDA3	0.424673846	0
RP3-449M8.9	PTP4A3	0.473348945	0
RP3-449M8.9	CRABP2	0.427217269	0
RP3-449M8.9	GOS2	0.476436456	0
RP3-449M8.9	S100A6	0.554249724	0
RP3-449M8.9	FOXQ1	0.45071259	0
RP3-449M8.9	LRG1	0.538225249	0
RP3-449M8.9	LAMP5	0.343681014	1.76E-13
RP3-449M8.9	ALDH3B1	0.455689938	0
RP3-449M8.9	CDH2	0.175250555	0.000228998

RP3-449M8.9	SCG5	0.396617894	0
RP3-449M8.9	ZCCHC16	0.518229844	1.54E-31
RP3-449M8.9	GRB7	0.61751873	0
RP3-449M8.9	TIAM1	0.397666779	0
RP3-449M8.9	FXYD5	0.454832391	0
RP3-449M8.9	CLDN9	0.485342835	0
RP3-449M8.9	FAM43A	0.547990877	0
RP3-449M8.9	CHST2	0.493717041	0
RP3-449M8.9	HMGA2	0.526126967	0
RP3-449M8.9	GALNT7	0.541790325	0
RP3-449M8.9	CBLN1	0.423112077	0
RP3-449M8.9	STRA6	0.485861817	0
RP3-449M8.9	MUC21	0.507383439	4.25E-30
RP3-449M8.9	PRR36	0.602209539	0
RP3-449M8.9	NFE2L3	0.372148435	6.53E-16
RP3-449M8.9	NR1D1	0.455386549	0
RP3-449M8.9	MUC1	0.405984534	0
RP3-449M8.9	NAT8L	0.441639127	0
RP3-449M8.9	APOC1	0.370851051	8.91E-16
RP3-449M8.9	EVA1A	0.522204177	0
RP3-449M8.9	ENTPD1	0.38155479	2.52E-17
RP3-449M8.9	COL1A1	0.340475069	3.05E-13
RP3-449M8.9	FNDC4	0.463017528	0
RP3-449M8.9	FRMD3	0.365794699	2.73E-15
RP3-449M8.9	SHROOM4	0.535502969	0
RP3-449M8.9	NELL2	0.450562242	0
RP3-449M8.9	EPHB3	0.516206594	0
RP3-449M8.9	TMC6	0.547915136	0
RP3-449M8.9	NOD1	0.603938108	0
RP3-449M8.9	GGCT	0.671348616	0
RP3-449M8.9	ICAM1	0.470363557	0
RP3-449M8.9	PRSS23	0.475438064	0
RP3-449M8.9	CFI	0.465962209	0
RP3-449M8.9	CD55	0.464927507	0
RP3-449M8.9	RASD2	0.515960649	0
RP3-449M8.9	KLK11	0.467084681	3.58E-25
RP3-449M8.9	ICAM5	0.6289491	0
RP3-449M8.9	ADORA1	0.484668115	0
RP3-449M8.9	ITGA2	0.413528142	0
RP3-449M8.9	ABCC3	0.491125109	0
RP3-449M8.9	MFGE8	0.541716286	0
RP3-449M8.9	STK32A	0.454325607	0
RP3-449M8.9	CYSLTR2	0.443606266	0
RP3-449M8.9	LAD1	0.568543361	0
RP3-449M8.9	MGAT3	0.380318538	5.04E-17
RP3-449M8.9	IGFBP6	0.582110366	0
RP3-449M8.9	CYP2S1	0.416382189	0
RP3-449M8.9	KCNJ2	0.482860259	0
RP3-449M8.9	FAM20A	0.4693802	0
RP3-449M8.9	TGFA	0.534676342	0
RP3-449M8.9	MXRA8	0.585498146	0

RP3-449M8.9	C8orf4	0.383915811	0
RP3-449M8.9	CLDN10	0.544415761	3.06E-35
RP3-449M8.9	PDE5A	0.530303929	0
RP3-449M8.9	APOE	0.405786388	0
RP3-449M8.9	SPOCK2	0.377292584	1.59E-16
RP3-449M8.9	TENM1	0.50606453	0
RP3-449M8.9	SLIT1	0.382948482	5.52E-18
RP3-449M8.9	CXCL14	0.327910994	2.45E-12
RP3-449M8.9	ECM1	0.299834051	1.77E-10
RP3-449M8.9	DUSP5	0.546906107	0
RP3-449M8.9	SEZ6L2	0.378397638	1.10E-16
RP3-449M8.9	THRSP	0.323572197	4.89E-12
RP3-449M8.9	C19orf33	0.454417234	0
RP3-449M8.9	MPZL2	0.561910773	0
RP3-449M8.9	CTSH	0.614980554	0
RP3-449M8.9	CYP1B1	0.541342971	0
RP3-449M8.9	ALOX5	0.370725809	9.17E-16
RP3-449M8.9	SYTL5	0.485590854	2.36E-27
RP3-449M8.9	TNFRSF12A	0.617444691	0
RP3-449M8.9	DUSP6	0.546244011	0
RP3-449M8.9	ALOX15B	0.512872571	0
RP3-449M8.9	SDC4	0.685776572	0
RP3-449M8.9	MDK	0.557129302	0
RP3-449M8.9	KRT19	0.484454509	0
RP3-449M8.9	MET	0.511403564	0
RP3-449M8.9	TESC	0.5428924	0
RP3-449M8.9	CXCL17	0.538236118	2.45E-34
RP3-449M8.9	NPC2	0.66071849	0
RP3-449M8.9	COMP	0.395150021	0
RP3-449M8.9	TUSC3	0.470944238	0
RP3-449M8.9	TMPRSS4	0.475055246	0
RP3-449M8.9	LGALS3	0.56944431	0
RP3-449M8.9	CRLF1	0.342404338	2.19E-13
RP3-449M8.9	CTXN1	0.562667049	0
RP3-449M8.9	PCSK1N	0.304585594	8.85E-11
RP3-449M8.9	NMU	0.446671004	6.46E-23
RP3-449M8.9	GALE	0.643115084	0
RP3-449M8.9	PCSK2	0.281463305	2.29E-09
RP3-449M8.9	GJB3	0.581412953	0
RP3-449M8.9	SLPI	0.394810179	0
RP3-449M8.9	AGR2	0.306247784	6.93E-11
RP3-449M8.9	MRC2	0.465358834	0
RP3-449M8.9	GOLT1A	0.593511802	0
RP3-449M8.9	SLC27A6	0.47485591	4.51E-26
RP3-449M8.9	KCNN4	0.531412386	0
RP3-449M8.9	ETV4	0.495562714	1.39E-28
RP3-449M8.9	SYT12	0.632147386	0
RP3-449M8.9	PVRL4	0.607907704	0
RP3-449M8.9	PLCD3	0.548544467	0
RP3-449M8.9	PLAU	0.480739085	0
RP3-449M8.9	LRRK2	0.42297875	0

RP3-449M8.9	SFN	0.495234698	0
RP3-449M8.9	LPAR5	0.558572494	0
RP3-449M8.9	NGEF	0.513267445	0
RP3-449M8.9	DTX4	0.525617772	0
RP3-449M8.9	CST6	0.56337822	0
RP3-449M8.9	QPCT	0.541770326	0
RP3-449M8.9	TIMP1	0.599156211	0
RP3-449M8.9	CAMK2N1	0.608103155	0
RP3-449M8.9	KLHDC8A	0.370408377	9.88E-16
RP3-449M8.9	PDLIM4	0.659021976	0
RP3-449M8.9	SCEL	0.476858421	0
RP3-449M8.9	LCN2	0.453343243	0
RP3-449M8.9	PROS1	0.50006255	0
RP3-449M8.9	GABRB2	0.545759353	0
RP3-449M8.9	TMPRSS6	0.524233158	0
RP3-449M8.9	KLK7	0.488740237	9.74E-28
RP3-449M8.9	PDZK1IP1	0.456553868	0
RP3-449M8.9	CDH3	0.521969295	0
RP3-449M8.9	LRP4	0.468520951	0
RP3-449M8.9	IGSF1	0.317502844	1.26E-11
RP3-449M8.9	B3GNT3	0.450782515	0
RP3-449M8.9	CLDN1	0.459260688	0
RP3-449M8.9	GDF15	0.482450634	0
RP3-449M8.9	ARHGAP36	0.346990842	7.25E-14
RP3-449M8.9	LAMB3	0.465209054	0
RP3-449M8.9	KLK10	0.561216197	0
RP3-449M8.9	DPP4	0.479056613	0
RP3-449M8.9	METTL7B	0.594883793	0
RP3-449M8.9	LIPH	0.533415552	0
RP3-449M8.9	CLDN16	0.486093578	0
RP3-449M8.9	CHI3L1	0.521441945	0
RP3-449M8.9	SLC22A31	0.630526198	4.91E-50
RP3-449M8.9	TACSTD2	0.585508642	0
RP3-449M8.9	SFTPB	0.51168667	0
RP3-449M8.9	RXRG	0.560073699	0
RP3-449M8.9	DCSTAMP	0.547798162	9.62E-36
RP3-449M8.9	CITED1	0.594406085	0
RP3-449M8.9	SERPINA1	0.58348179	0
RP3-449M8.9	PRR15	0.550293461	0
RP3-449M8.9	SLC34A2	0.512574287	0
RP3-449M8.9	FN1	0.463413821	0
RP3-449M8.9	ZCCHC12	0.47688849	0
RP11-320N7.2	TFF3	-0.463860418	8.33E-25
RP11-320N7.2	CCL21	-0.344339773	1.15E-13
RP11-320N7.2	TPO	-0.475916791	3.39E-26
RP11-320N7.2	MT1G	-0.329926333	1.32E-12
RP11-320N7.2	DIO1	-0.493447654	2.55E-28
RP11-320N7.2	DPT	-0.313250221	1.89E-11
RP11-320N7.2	CDH16	-0.438447379	4.75E-22
RP11-320N7.2	CRABP1	-0.270781272	8.15E-09
RP11-320N7.2	SLC26A7	-0.413864726	1.35E-19

RP11-320N7.2	MT1H	-0.287573295	8.34E-10
RP11-320N7.2	SLC26A4	-0.388947125	2.64E-17
RP11-320N7.2	SLC5A8	-0.333309221	7.51E-13
RP11-320N7.2	PKHD1L1	-0.541508382	8.18E-35
RP11-320N7.2	TFCP2L1	-0.455226434	7.64E-24
RP11-320N7.2	WSCD2	-0.459640211	2.48E-24
RP11-320N7.2	IPCEF1	-0.503912685	1.20E-29
RP11-320N7.2	SLC5A5	-0.373904613	5.16E-16
RP11-320N7.2	MT1F	-0.382137096	1.03E-16
RP11-320N7.2	FOSB	-0.343644826	1.30E-13
RP11-320N7.2	SEMA3D	-0.549169758	6.00E-36
RP11-320N7.2	BMP8A	-0.495996965	1.22E-28
RP11-320N7.2	MATN2	-0.4898396	7.13E-28
RP11-320N7.2	PLA2R1	-0.53687593	3.84E-34
RP11-320N7.2	COL23A1	-0.277806346	3.20E-09
RP11-320N7.2	HGD	-0.346339236	8.12E-14
RP11-320N7.2	TCEAL2	-0.369153604	1.28E-15
RP11-320N7.2	CHRD1	-0.364003722	3.36E-15
RP11-320N7.2	TNFRSF11B	-0.48814266	1.15E-27
RP11-320N7.2	FAM167A	-0.460419377	2.03E-24
RP11-320N7.2	KIT	-0.568127696	6.93E-39
RP11-320N7.2	SLC4A4	-0.514656071	4.65E-31
RP11-320N7.2	SMOC2	-0.366323456	2.18E-15
RP11-320N7.2	FHL1	-0.519239753	1.12E-31
RP11-320N7.2	OTOS	-0.296860257	2.21E-10
RP11-320N7.2	IGFBPL1	-0.500686882	3.11E-29
RP11-320N7.2	HBB	-0.342027385	1.72E-13
RP11-320N7.2	BEX1	-0.43179018	2.30E-21
RP11-320N7.2	FABP4	-0.432905436	1.77E-21
RP11-320N7.2	LMOD1	-0.399551156	2.95E-18
RP11-320N7.2	SOD3	-0.340004078	2.43E-13
RP11-320N7.2	TMEM171	-0.367808279	1.65E-15
RP11-320N7.2	PI16	-0.257114713	4.66E-08
RP11-320N7.2	ZMAT4	-0.462037098	1.34E-24
RP11-320N7.2	MFAP4	-0.235831263	5.80E-07
RP11-320N7.2	CWH43	-0.434903167	1.11E-21
RP11-320N7.2	SPX	-0.458041831	3.73E-24
RP11-320N7.2	APOD	-0.25262592	8.08E-08
RP11-320N7.2	DPP6	-0.496144617	1.17E-28
RP11-320N7.2	MMRN1	-0.488753765	9.70E-28
RP11-320N7.2	WDR72	-0.430069482	3.44E-21
RP11-320N7.2	MPPED2	-0.459395951	2.64E-24
RP11-320N7.2	PAPSS2	-0.490102708	6.62E-28
RP11-320N7.2	DCN	-0.207493258	1.17E-05
RP11-320N7.2	SORBS2	-0.480157297	1.06E-26
RP11-320N7.2	EGR2	-0.380081095	1.55E-16
RP11-320N7.2	EDN3	-0.317414536	9.86E-12
RP11-320N7.2	DIO2	-0.43998766	3.29E-22
RP11-320N7.2	ITPR1	-0.574821773	5.72E-40
RP11-320N7.2	CFD	-0.198314123	2.85E-05
RP11-320N7.2	CPXM1	-0.367186252	1.85E-15

RP11-320N7.2	ELMO1	-0.534906379	7.37E-34
RP11-320N7.2	GPC3	-0.451677046	1.87E-23
RP11-320N7.2	MYOC	-0.297518601	2.01E-10
RP11-320N7.2	DEPTOR	-0.556976315	3.90E-37
RP11-320N7.2	DGKI	-0.594177229	3.03E-43
RP11-320N7.2	CARTPT	-0.301707576	1.09E-10
RP11-320N7.2	IYD	-0.329537061	1.40E-12
RP11-320N7.2	LYVE1	-0.414834254	1.09E-19
RP11-320N7.2	CLCNKB	-0.471299849	1.17E-25
RP11-320N7.2	NCAM1	-0.375054528	4.13E-16
RP11-320N7.2	HBA2	-0.275625458	4.29E-09
RP11-320N7.2	GLT8D2	-0.371415766	8.31E-16
RP11-320N7.2	OGDHL	-0.260412994	3.09E-08
RP11-320N7.2	LIFR	-0.492984272	2.91E-28
RP11-320N7.2	CSGALNACT1	-0.576512827	3.02E-40
RP11-320N7.2	RAP1GAP	-0.331823973	9.62E-13
RP11-320N7.2	COL9A3	-0.417594477	5.92E-20
RP11-320N7.2	FBLN1	-0.210496022	8.68E-06
RP11-320N7.2	EFEMP1	-0.498559466	5.80E-29
RP11-320N7.2	AOX1	-0.469510022	1.89E-25
RP11-320N7.2	GRIN2C	-0.398676234	3.55E-18
RP11-320N7.2	C11orf74	-0.36282951	4.18E-15
RP11-320N7.2	PPARGC1A	-0.353456554	2.30E-14
RP11-320N7.2	ANGPTL1	-0.526850949	1.01E-32
RP11-320N7.2	SCARA5	-0.303103933	8.82E-11
RP11-320N7.2	LTF	-0.34660674	7.75E-14
RP11-320N7.2	CA4	-0.378589386	2.08E-16
RP11-320N7.2	TG	-0.38450755	6.44E-17
RP11-320N7.2	FCGBP	-0.442438607	1.82E-22
RP11-320N7.2	PBX4	-0.425579485	9.70E-21
RP11-320N7.2	CYR61	-0.355336393	1.64E-14
RP11-320N7.2	FOS	-0.34898074	5.11E-14
RP11-320N7.2	KHDRBS2	-0.522518887	4.01E-32
RP11-320N7.2	MUM1L1	-0.566202327	1.41E-38
RP11-320N7.2	RGS16	-0.368789863	1.37E-15
RP11-320N7.2	MT1M	-0.376581334	3.07E-16
RP11-320N7.2	LRP2	-0.418647902	4.67E-20
RP11-320N7.2	MAFB	-0.432764247	1.83E-21
RP11-320N7.2	KCNK2	-0.535910231	5.29E-34
RP11-320N7.2	TBC1D4	-0.461970012	1.36E-24
RP11-320N7.2	MIOX	-0.405410323	8.51E-19
RP11-320N7.2	TPPP	-0.450136181	2.74E-23
RP11-320N7.2	FMOD	-0.437336227	6.20E-22
RP11-320N7.2	CITED2	-0.52354905	2.89E-32
RP11-320N7.2	RGS8	-0.491271491	4.75E-28
RP11-320N7.2	ABI3BP	-0.292444652	4.18E-10
RP11-320N7.2	ADH1B	-0.325770371	2.60E-12
RP11-320N7.2	OGN	-0.251961889	8.76E-08
RP11-320N7.2	NR4A1	-0.34191739	1.75E-13
RP11-320N7.2	FOXJ1	-0.452523012	1.51E-23
RP11-320N7.2	ALDH1A1	-0.414371936	1.21E-19

RP11-320N7.2	OCA2	-0.533634306	1.12E-33
RP11-320N7.2	TMEM139	-0.322113019	4.68E-12
RP11-320N7.2	ARHGAP24	-0.345944857	8.70E-14
RP11-320N7.2	SLC25A15	-0.51162955	1.18E-30
RP11-320N7.2	DES	-0.291620447	4.71E-10
RP11-320N7.2	GDF10	-0.395910381	6.32E-18
RP11-320N7.2	KIAA1324	-0.393662857	1.01E-17
RP11-320N7.2	JUN	-0.349758008	4.45E-14
RP11-320N7.2	C7	-0.158417735	0.000865926
RP11-320N7.2	LGI3	-0.278252282	3.01E-09
RP11-320N7.2	CDON	-0.476871143	2.61E-26
RP11-320N7.2	BCL2	-0.57077381	2.60E-39
RP11-320N7.2	HLF	-0.388550974	2.86E-17
RP11-320N7.2	EGR1	-0.355717439	1.53E-14
RP11-320N7.2	IP6K3	-0.407948414	4.93E-19
RP11-320N7.2	SCUBE3	-0.547439041	1.09E-35
RP11-320N7.2	PKNOX2	-0.546471073	1.52E-35
RP11-320N7.2	SMAD9	-0.60057054	2.24E-44
RP11-320N7.2	IQGAP2	-0.483693653	4.01E-27
RP11-320N7.2	GNA14	-0.492208494	3.63E-28
RP11-320N7.2	LAYN	-0.507063102	4.68E-30
RP11-320N7.2	AVPR1A	-0.455039989	8.01E-24
RP11-320N7.2	PDLIM3	-0.466075064	4.67E-25
RP11-320N7.2	GPM6A	-0.357686848	1.07E-14
RP11-320N7.2	SDPR	-0.360111271	6.89E-15
RP11-320N7.2	CRYAB	-0.174993608	0.000229117
RP11-320N7.2	FOXA2	-0.415277044	9.91E-20
RP11-320N7.2	C8orf88	-0.48594624	2.14E-27
RP11-320N7.2	ISM1	-0.405118975	9.06E-19
RP11-320N7.2	BMP2	-0.408268895	4.60E-19
RP11-320N7.2	ID4	-0.569499829	4.18E-39
RP11-320N7.2	NUPR1	-0.039010969	0.414871671
RP11-320N7.2	SERTM1	-0.410457912	2.86E-19
RP11-320N7.2	IRS1	-0.446475364	6.78E-23
RP11-320N7.2	FIBIN	-0.176593461	0.000200202
RP11-320N7.2	PODN	-0.249461249	1.18E-07
RP11-320N7.2	TDRD9	-0.31259929	2.09E-11
RP11-320N7.2	EPHA3	-0.348689619	5.38E-14
RP11-320N7.2	AIF1L	-0.498821227	5.37E-29
RP11-320N7.2	EBF4	-0.456532471	5.49E-24
RP11-320N7.2	ADM2	-0.393853273	9.67E-18
RP11-320N7.2	GSTM3	-0.370386382	1.01E-15
RP11-320N7.2	HSD17B6	-0.453210502	1.27E-23
RP11-320N7.2	AGR3	-0.372945337	6.20E-16
RP11-320N7.2	EPHB1	-0.3102538	3.00E-11
RP11-320N7.2	TMOD1	-0.210740408	8.47E-06
RP11-320N7.2	WASF3	-0.449143392	3.51E-23
RP11-320N7.2	SELV	-0.465750566	5.08E-25
RP11-320N7.2	ENPP1	-0.083301686	0.081260434
RP11-320N7.2	SYNE1	-0.543550239	4.10E-35
RP11-320N7.2	PLCH1	-0.385101564	5.72E-17

RP11-320N7.2	CCDC146	-0.477472461	2.22E-26
RP11-320N7.2	SLC16A2	-0.490597436	5.75E-28
RP11-320N7.2	IER2	-0.312972606	1.97E-11
RP11-320N7.2	KCNAB1	-0.443520399	1.40E-22
RP11-320N7.2	SYNDIG1	-0.389850557	2.20E-17
RP11-320N7.2	C16orf89	-0.26598755	1.52E-08
RP11-320N7.2	CTGF	-0.327708496	1.89E-12
RP11-320N7.2	NR4A3	-0.321762752	4.95E-12
RP11-320N7.2	KIAA1456	-0.36878497	1.37E-15
RP11-320N7.2	AQP4	-0.224687471	1.98E-06
RP11-320N7.2	RNF150	-0.671933507	5.81E-59
RP11-320N7.2	C1S	-0.146052795	0.002155776
RP11-320N7.2	PFKFB2	-0.326761875	2.21E-12
RP11-320N7.2	PROX1	-0.506567026	5.43E-30
RP11-320N7.2	TCF7L1	-0.546655745	1.42E-35
RP11-320N7.2	HSPB6	-0.296511621	2.33E-10
RP11-320N7.2	FHDC1	-0.358133565	9.90E-15
RP11-320N7.2	PRR15L	-0.160801309	0.000720685
RP11-320N7.2	SLC1A1	-0.217964601	4.04E-06
RP11-320N7.2	BTBD11	-0.474702239	4.70E-26
RP11-320N7.2	TRIM58	-0.517383671	2.00E-31
RP11-320N7.2	LRIG1	-0.453065545	1.32E-23
RP11-320N7.2	ROR2	-0.536381556	4.53E-34
RP11-320N7.2	GPR125	-0.501298058	2.60E-29
RP11-320N7.2	FLRT1	-0.537717166	2.91E-34
RP11-320N7.2	PGF	-0.41667133	7.27E-20
RP11-320N7.2	DUSP1	-0.378695984	2.03E-16
RP11-320N7.2	PLA2G7	-0.628444241	1.27E-49
RP11-320N7.2	PLSCR4	-0.368234003	1.52E-15
RP11-320N7.2	FAM46B	-0.217491787	4.24E-06
RP11-320N7.2	GLDC	-0.493795297	2.31E-28
RP11-320N7.2	ZBTB16	-0.412517202	1.82E-19
RP11-320N7.2	OMD	-0.217499477	4.24E-06
RP11-320N7.2	HSD11B2	-0.364679209	2.96E-15
RP11-320N7.2	FGL2	-0.26282373	2.28E-08
RP11-320N7.2	CLCNKA	-0.392901843	1.18E-17
RP11-320N7.2	GATM	-0.249630816	1.16E-07
RP11-320N7.2	TNS3	-0.59734651	8.39E-44
RP11-320N7.2	TOB1	-0.515892892	3.18E-31
RP11-320N7.2	MARC2	-0.362471584	4.46E-15
RP11-320N7.2	LRRC2	-0.396772708	5.28E-18
RP11-320N7.2	SORD	-0.444528365	1.09E-22
RP11-320N7.2	RIMS4	-0.393303938	1.08E-17
RP11-320N7.2	SLC29A4	-0.532057224	1.87E-33
RP11-320N7.2	SLC39A14	-0.467264581	3.41E-25
RP11-320N7.2	FAXDC2	-0.516016645	3.06E-31
RP11-320N7.2	HSPB8	-0.328518883	1.66E-12
RP11-320N7.2	CCL19	-0.02771983	0.562420271
RP11-320N7.2	KCNIP3	-0.37275173	6.43E-16
RP11-320N7.2	CGNL1	-0.336684946	4.27E-13
RP11-320N7.2	ATF3	-0.225706074	1.78E-06

RP11-320N7.2	SGCD	-0.433097423	1.69E-21
RP11-320N7.2	STARD13	-0.621011689	3.59E-48
RP11-320N7.2	LDHD	-0.226803823	1.58E-06
RP11-320N7.2	RCAN1	-0.439156352	4.01E-22
RP11-320N7.2	ID3	-0.437339631	6.20E-22
RP11-320N7.2	SYTL3	-0.36029105	6.67E-15
RP11-320N7.2	MT1E	-0.179384817	0.000157772
RP11-320N7.2	CAMK1D	-0.428963436	4.45E-21
RP11-320N7.2	PRKCQ	-0.487358584	1.44E-27
RP11-320N7.2	NUAK2	-0.524196395	2.35E-32
RP11-320N7.2	LIPG	-0.383049748	8.62E-17
RP11-320N7.2	SLC25A25	-0.454805461	8.50E-24
RP11-320N7.2	PRKX	-0.520458418	7.66E-32
RP11-320N7.2	SRPX	-0.254315698	6.58E-08
RP11-320N7.2	FAM189A1	-0.400012056	2.68E-18
RP11-320N7.2	PLEKHH1	-0.424146291	1.35E-20
RP11-320N7.2	WNT11	-0.449695777	3.06E-23
RP11-320N7.2	SNAI1	-0.525745399	1.44E-32
RP11-320N7.2	FDCSP	-0.046430794	0.331755959
RP11-320N7.2	MT1X	-0.100789643	0.034760698
RP11-320N7.2	ACACB	-0.468276093	2.61E-25
RP11-320N7.2	ARC	-0.165089544	0.000514661
RP11-320N7.2	KLK4	-0.266128769	1.49E-08
RP11-320N7.2	ZFPM2	-0.508233755	3.29E-30
RP11-320N7.2	AKAP12	-0.517780745	1.77E-31
RP11-320N7.2	GJB6	-0.487861962	1.25E-27
RP11-320N7.2	ERO1LB	-0.591420198	9.16E-43
RP11-320N7.2	DNALI1	-0.419403043	3.94E-20
RP11-320N7.2	HKDC1	-0.233839373	7.26E-07
RP11-320N7.2	ZFP36L2	-0.494805036	1.72E-28
RP11-320N7.2	CAPSL	-0.339673026	2.57E-13
RP11-320N7.2	CYP7B1	-0.556142809	5.24E-37
RP11-320N7.2	CPQ	-0.511076881	1.39E-30
RP11-320N7.2	RPS6KA6	-0.599336649	3.72E-44
RP11-320N7.2	TLE1	-0.506896868	4.92E-30
RP11-320N7.2	TP53INP2	-0.568352579	6.38E-39
RP11-320N7.2	KATNAL2	-0.393842706	9.69E-18
RP11-320N7.2	SGPP2	-0.408969216	3.95E-19
RP11-320N7.2	CTH	-0.507423297	4.20E-30
RP11-320N7.2	KIF12	-0.388999888	2.61E-17
RP11-320N7.2	TMEM220	-0.388478069	2.90E-17
RP11-320N7.2	CENPJ	-0.473648318	6.24E-26
RP11-320N7.2	FAM155B	-0.238637938	4.21E-07
RP11-320N7.2	WFS1	-0.495642301	1.35E-28
RP11-320N7.2	SELENBP1	-0.246975765	1.59E-07
RP11-320N7.2	SNTA1	-0.166494157	0.000460095
RP11-320N7.2	FRAS1	-0.482892202	5.00E-27
RP11-320N7.2	FBLN7	-0.379339074	1.79E-16
RP11-320N7.2	AGPAT9	-0.426097261	8.62E-21
RP11-320N7.2	GPR83	-0.436572008	7.44E-22
RP11-320N7.2	PRTG	-0.462066887	1.33E-24

RP11-320N7.2	EGR3	-0.268072699	1.16E-08
RP11-320N7.2	GRAMD2	-0.45112117	2.14E-23
RP11-320N7.2	HYOU1	-0.560410548	1.15E-37
RP11-320N7.2	FBLN5	-0.338706764	3.03E-13
RP11-320N7.2	ITM2A	-0.473035794	7.36E-26
RP11-320N7.2	SRF	-0.458667901	3.18E-24
RP11-320N7.2	FGFR2	-0.542628917	5.60E-35
RP11-320N7.2	MT1A	-0.182250856	0.000123085
RP11-320N7.2	MAMDC2	-0.260548804	3.03E-08
RP11-320N7.2	FHL2	-0.395413482	7.01E-18
RP11-320N7.2	FTCDNL1	-0.37421088	4.86E-16
RP11-320N7.2	PKIA	-0.44292908	1.61E-22
RP11-320N7.2	DNAJB4	-0.485272514	2.58E-27
RP11-320N7.2	SLC25A33	-0.420930629	2.80E-20
RP11-320N7.2	EYA2	-0.280911375	2.10E-09
RP11-320N7.2	LPAR1	-0.410303053	2.96E-19
RP11-320N7.2	STX11	-0.195649428	3.67E-05
RP11-320N7.2	ARHGEF28	-0.329682941	1.37E-12
RP11-320N7.2	OR2W3	-0.456600482	5.39E-24
RP11-320N7.2	ALDH1B1	-0.38006111	1.56E-16
RP11-320N7.2	CXCL12	-0.25276563	7.95E-08
RP11-320N7.2	OLFM2	-0.417846805	5.59E-20
RP11-320N7.2	TUB	-0.496309361	1.12E-28
RP11-320N7.2	HTRA3	-0.310135295	3.05E-11
RP11-320N7.2	CKB	-0.282256771	1.75E-09
RP11-320N7.2	RGS2	-0.198649355	2.76E-05
RP11-320N7.2	SHANK2	-0.580498239	6.60E-41
RP11-320N7.2	CNTFR	-0.301379784	1.14E-10
RP11-320N7.2	CYTH3	-0.507649882	3.92E-30
RP11-320N7.2	PLAC9	-0.184336707	0.000102494
RP11-320N7.2	WWOX	-0.444749418	1.03E-22
RP11-320N7.2	NPR3	-0.438658929	4.52E-22
RP11-320N7.2	SDC2	-0.543529725	4.13E-35
RP11-320N7.2	KLF15	-0.346422707	8.01E-14
RP11-320N7.2	TMEM164	-0.55043911	3.86E-36
RP11-320N7.2	LONRF3	-0.337182014	3.92E-13
RP11-320N7.2	GBP1	-0.19229661	5.00E-05
RP11-320N7.2	ARHGAP6	-0.435297175	1.01E-21
RP11-320N7.2	TMEM119	-0.201659211	2.07E-05
RP11-320N7.2	SH3RF1	-0.560171623	1.25E-37
RP11-320N7.2	CRELD2	-0.363707127	3.55E-15
RP11-320N7.2	PCP4	-0.242264785	2.77E-07
RP11-320N7.2	GCSH	-0.336554668	4.36E-13
RP11-320N7.2	IMPA2	-0.473437335	6.61E-26
RP11-320N7.2	C1R	-0.116836676	0.01430885
RP11-320N7.2	SUCNR1	-0.324249655	3.32E-12
RP11-320N7.2	SFRP1	-0.305478355	6.19E-11
RP11-320N7.2	UGT8	-0.414868721	1.08E-19
RP11-320N7.2	TLE4	-0.492631736	3.22E-28
RP11-320N7.2	ANTXR1	-0.445466901	8.68E-23
RP11-320N7.2	GPX3	-0.296157808	2.45E-10

RP11-320N7.2	DPY19L2	-0.368915318	1.34E-15
RP11-320N7.2	FAM46C	-0.420360231	3.18E-20
RP11-320N7.2	IL33	-0.294646118	3.05E-10
RP11-320N7.2	PEG3	-0.563080704	4.38E-38
RP11-320N7.2	FAHD2A	-0.334784257	5.87E-13
RP11-320N7.2	PTGDS	-0.077245522	0.106034943
RP11-320N7.2	CHCHD10	-0.07292502	0.127103441
RP11-320N7.2	CD36	-0.433633213	1.49E-21
RP11-320N7.2	ANKRD37	-0.413300356	1.53E-19
RP11-320N7.2	TSPAN33	-0.344369968	1.14E-13
RP11-320N7.2	PRDM16	-0.592242995	6.59E-43
RP11-320N7.2	UST	-0.336513961	4.39E-13
RP11-320N7.2	NEXN	-0.400518131	2.41E-18
RP11-320N7.2	NUPR1L	-0.107606802	0.024149957
RP11-320N7.2	SLC24A3	-0.407400851	5.55E-19
RP11-320N7.2	MARC1	-0.401768355	1.85E-18
RP11-320N7.2	MYH11	-0.299531405	1.50E-10
RP11-320N7.2	APOA1	-0.368923274	1.33E-15
RP11-320N7.2	TMEM178B	-0.49802864	6.77E-29
RP11-320N7.2	CAPNG	-0.353784095	2.17E-14
RP11-320N7.2	PPM1L	-0.48841754	1.07E-27
RP11-320N7.2	FZD8	-0.471919536	9.93E-26
RP11-320N7.2	RCAN2	-0.391394525	1.60E-17
RP11-320N7.2	COPZ2	-0.243916196	2.29E-07
RP11-320N7.2	GAS1	-0.263632131	2.05E-08
RP11-320N7.2	DACT1	-0.567179798	9.82E-39
RP11-320N7.2	WBSCR17	-0.460548945	1.96E-24
RP11-320N7.2	NCS1	-0.483984419	3.69E-27
RP11-320N7.2	SPIRE2	-0.490772179	5.47E-28
RP11-320N7.2	C15orf52	-0.246728189	1.64E-07
RP11-320N7.2	SPAG5	-0.484600914	3.11E-27
RP11-320N7.2	ARL4D	-0.241062644	3.19E-07
RP11-320N7.2	FAM189A2	-0.414754045	1.11E-19
RP11-320N7.2	MAP1LC3A	-0.269682125	9.41E-09
RP11-320N7.2	KLF6	-0.268867271	1.05E-08
RP11-320N7.2	ADD3	-0.471540689	1.10E-25
RP11-320N7.2	TSPAN7	-0.38782959	3.31E-17
RP11-320N7.2	KLF9	-0.40018914	2.58E-18
RP11-320N7.2	KCNQ1	-0.216071855	4.92E-06
RP11-320N7.2	MAN1A1	-0.411769224	2.15E-19
RP11-320N7.2	MLF1	-0.405444846	8.45E-19
RP11-320N7.2	RARB	-0.533469639	1.18E-33
RP11-320N7.2	CDC42EP2	-0.195264411	3.80E-05
RP11-320N7.2	FAM3B	-0.25406422	6.78E-08
RP11-320N7.2	GADD45B	-0.241393763	3.07E-07
RP11-320N7.2	TMEM47	-0.396242095	5.90E-18
RP11-320N7.2	SDF2L1	-0.248507181	1.33E-07
RP11-320N7.2	CCDC85A	-0.601550493	1.49E-44
RP11-320N7.2	CRYBG3	-0.466509937	4.16E-25
RP11-320N7.2	FBLN2	-0.16228989	0.000641788
RP11-320N7.2	PEBP4	0.198672617	2.76E-05

RP11-320N7.2	CDADC1	-0.428049225	5.49E-21
RP11-320N7.2	FAM63A	-0.467309827	3.37E-25
RP11-320N7.2	GLUL	-0.485621433	2.34E-27
RP11-320N7.2	FREM2	-0.324086258	3.41E-12
RP11-320N7.2	ACKR3	-0.513686047	6.27E-31
RP11-320N7.2	DENND6A	-0.583611707	1.98E-41
RP11-320N7.2	CLDN8	-0.21483007	5.59E-06
RP11-320N7.2	UTS2R	-0.419620062	3.76E-20
RP11-320N7.2	SCNN1B	-0.337383778	3.79E-13
RP11-320N7.2	TTC30A	-0.527235327	8.92E-33
RP11-320N7.2	CORO2B	-0.444607439	1.07E-22
RP11-320N7.2	TC2N	-0.449173816	3.48E-23
RP11-320N7.2	ALDH2	-0.222905783	2.40E-06
RP11-320N7.2	GPR183	-0.16494799	0.000520482
RP11-320N7.2	C4orf47	-0.353038135	2.48E-14
RP11-320N7.2	SLC25A42	-0.428313396	5.17E-21
RP11-320N7.2	LGMN	-0.372135447	7.24E-16
RP11-320N7.2	ACSF2	-0.282322868	1.73E-09
RP11-320N7.2	KIAA1467	-0.494198469	2.05E-28
RP11-320N7.2	PRKG1	-0.441873598	2.08E-22
RP11-320N7.2	GNAI1	-0.399658598	2.89E-18
RP11-320N7.2	ABCC4	-0.440798543	2.70E-22
RP11-320N7.2	PRPS1	-0.467255716	3.42E-25
RP11-320N7.2	TSPAN5	-0.387731367	3.37E-17
RP11-320N7.2	CR2	-0.168531956	0.000390432
RP11-320N7.2	CCDC170	-0.438676021	4.50E-22
RP11-320N7.2	RRAD	-0.054408105	0.255300522
RP11-320N7.2	SCGB2A1	-0.211373853	7.94E-06
RP11-320N7.2	SESN3	-0.409402245	3.60E-19
RP11-320N7.2	SGK223	-0.443238994	1.50E-22
RP11-320N7.2	NDRG2	-0.382849261	8.97E-17
RP11-320N7.2	C3orf52	-0.394260984	8.89E-18
RP11-320N7.2	FLRT3	0.233961424	7.16E-07
RP11-320N7.2	MST1R	0.435039386	1.07E-21
RP11-320N7.2	SDC1	0.395271077	7.22E-18
RP11-320N7.2	ST8SIA4	0.311310629	2.55E-11
RP11-320N7.2	UBTD1	0.533457441	1.19E-33
RP11-320N7.2	EPHA2	0.193176071	4.61E-05
RP11-320N7.2	TMEM130	0.23363144	7.43E-07
RP11-320N7.2	SPINK2	0.621261181	3.21E-48
RP11-320N7.2	MMP16	0.245267124	1.95E-07
RP11-320N7.2	SIGLEC15	0.396924119	5.12E-18
RP11-320N7.2	RIN1	0.481433123	7.49E-27
RP11-320N7.2	IL1RN	0.442511866	1.78E-22
RP11-320N7.2	FCER1G	0.315429935	1.35E-11
RP11-320N7.2	CD276	0.356885326	1.24E-14
RP11-320N7.2	CTSB	0.50488278	8.98E-30
RP11-320N7.2	FAM171A2	0.233159618	7.83E-07
RP11-320N7.2	ASPHD1	0.447994653	4.66E-23
RP11-320N7.2	C15orf48	0.396807316	5.24E-18
RP11-320N7.2	DYSF	0.139152629	0.003483674

RP11-320N7.2	PDZRN4	0.148681889	0.001785748
RP11-320N7.2	EFHD2	0.335901366	4.87E-13
RP11-320N7.2	ASF1B	0.436713065	7.19E-22
RP11-320N7.2	AQP1	0.275995724	4.08E-09
RP11-320N7.2	ARRDC2	0.369592307	1.18E-15
RP11-320N7.2	PRSS1	0.54536197	2.22E-35
RP11-320N7.2	MAPK13	0.468376798	2.55E-25
RP11-320N7.2	CST5	0.358826631	8.72E-15
RP11-320N7.2	AHR	0.199627181	2.52E-05
RP11-320N7.2	BAX	0.49908632	4.97E-29
RP11-320N7.2	C1orf115	0.359444282	7.79E-15
RP11-320N7.2	PLK3	0.394181626	9.04E-18
RP11-320N7.2	JAG2	0.36446858	3.08E-15
RP11-320N7.2	RAD23B	0.336831747	4.16E-13
RP11-320N7.2	CA12	0.111195102	0.019785835
RP11-320N7.2	ADTRP	0.256067458	5.30E-08
RP11-320N7.2	UCP2	0.23039741	1.06E-06
RP11-320N7.2	IGFBP2	0.30329853	8.57E-11
RP11-320N7.2	LOXL2	0.147048989	0.002008025
RP11-320N7.2	GPX1	0.608568384	7.90E-46
RP11-320N7.2	P3H3	0.468266094	2.62E-25
RP11-320N7.2	C2orf81	0.404447021	1.05E-18
RP11-320N7.2	CDT1	0.515469224	3.62E-31
RP11-320N7.2	SNX25	0.20705257	1.22E-05
RP11-320N7.2	MTHFD1L	0.365410521	2.58E-15
RP11-320N7.2	CDC42BPG	0.386532857	4.29E-17
RP11-320N7.2	MSN	0.344862427	1.05E-13
RP11-320N7.2	SIGLEC6	0.177552714	0.000184543
RP11-320N7.2	F2R	-0.021576059	0.65211047
RP11-320N7.2	TMEM184A	0.462471832	1.19E-24
RP11-320N7.2	CKS2	0.344731369	1.08E-13
RP11-320N7.2	TAX1BP3	0.518721976	1.32E-31
RP11-320N7.2	PMEP1	0.387616267	3.45E-17
RP11-320N7.2	CXCL16	0.410755159	2.68E-19
RP11-320N7.2	FAXC	0.34165563	1.83E-13
RP11-320N7.2	VTCN1	0.312669155	2.07E-11
RP11-320N7.2	SH2D4A	0.262492469	2.37E-08
RP11-320N7.2	RNF24	0.293547366	3.57E-10
RP11-320N7.2	LY6G6C	0.392522306	1.27E-17
RP11-320N7.2	NID1	0.052087506	0.276161719
RP11-320N7.2	STAC	0.332411604	8.73E-13
RP11-320N7.2	RAB34	0.480990236	8.46E-27
RP11-320N7.2	HES4	0.377528948	2.55E-16
RP11-320N7.2	EPHA10	0.396852349	5.20E-18
RP11-320N7.2	ENTPD2	0.385835784	4.94E-17
RP11-320N7.2	DDB2	0.551846206	2.37E-36
RP11-320N7.2	NKAIN4	0.35731176	1.15E-14
RP11-320N7.2	TRIM29	0.168302369	0.000397758
RP11-320N7.2	ADCY8	0.494197852	2.05E-28
RP11-320N7.2	SFTA2	0.416486728	7.57E-20
RP11-320N7.2	NRIP1	0.063398242	0.184876951

RP11-320N7.2	VWA1	0.22865338	1.29E-06
RP11-320N7.2	APLNR	0.195735523	3.64E-05
RP11-320N7.2	REN	0.490410559	6.06E-28
RP11-320N7.2	EDIL3	0.235821051	5.81E-07
RP11-320N7.2	AGRN	0.284002858	1.37E-09
RP11-320N7.2	TREM1	0.484753389	2.98E-27
RP11-320N7.2	SRL	0.305069793	6.58E-11
RP11-320N7.2	RASGRF1	0.287175472	8.82E-10
RP11-320N7.2	RMI2	0.358883245	8.63E-15
RP11-320N7.2	SAMD1	0.444252208	1.17E-22
RP11-320N7.2	MGAT4B	0.501955616	2.14E-29
RP11-320N7.2	NXN	0.336328367	4.53E-13
RP11-320N7.2	SH3BGRL3	0.522668454	3.82E-32
RP11-320N7.2	CA11	0.513070119	7.57E-31
RP11-320N7.2	PLD3	0.452000206	1.72E-23
RP11-320N7.2	LURAP1L	0.544820017	2.67E-35
RP11-320N7.2	CARNS1	0.264315006	1.88E-08
RP11-320N7.2	PDLIM7	0.466101445	4.64E-25
RP11-320N7.2	BCL2L1	0.431122411	2.69E-21
RP11-320N7.2	GGT6	0.315000807	1.44E-11
RP11-320N7.2	DPYSL3	0.175031975	0.00022838
RP11-320N7.2	FYN	0.270108913	8.90E-09
RP11-320N7.2	TK1	0.460159886	2.17E-24
RP11-320N7.2	AK1	0.569660956	3.94E-39
RP11-320N7.2	HIGD1B	0.324440284	3.22E-12
RP11-320N7.2	TMEM59L	0.164845371	0.000524739
RP11-320N7.2	MEGF9	0.289199985	6.63E-10
RP11-320N7.2	ZFP36L1	0.161918561	0.000660682
RP11-320N7.2	ADRA1B	0.383965803	7.18E-17
RP11-320N7.2	EPHA4	0.23461274	6.65E-07
RP11-320N7.2	TCERG1L	0.046635072	0.329630757
RP11-320N7.2	NGFR	0.23492152	6.43E-07
RP11-320N7.2	EBI3	0.404874164	9.55E-19
RP11-320N7.2	S100A10	0.326661809	2.25E-12
RP11-320N7.2	S100B	0.381094167	1.27E-16
RP11-320N7.2	CD44	0.240928537	3.24E-07
RP11-320N7.2	BHLHE41	0.273288832	5.85E-09
RP11-320N7.2	FBXO2	0.48812876	1.16E-27
RP11-320N7.2	SLC30A2	0.299378576	1.53E-10
RP11-320N7.2	FRMD5	0.594523879	2.64E-43
RP11-320N7.2	SAMD11	0.128078479	0.007210437
RP11-320N7.2	SIPA1L2	0.185922447	8.91E-05
RP11-320N7.2	S100A16	0.500537811	3.25E-29
RP11-320N7.2	PPL	0.304808529	6.84E-11
RP11-320N7.2	ARHGDIB	0.231108014	9.84E-07
RP11-320N7.2	CDC42EP3	0.390123948	2.08E-17
RP11-320N7.2	RUNX2	0.31225725	2.20E-11
RP11-320N7.2	LAMC2	0.32407867	3.41E-12
RP11-320N7.2	BRINP1	0.35416957	2.03E-14
RP11-320N7.2	GPRC5B	0.324474892	3.20E-12
RP11-320N7.2	AQP5	0.141272457	0.003012708

RP11-320N7.2	PLAG1	0.28139121	1.97E-09
RP11-320N7.2	PTPRU	0.214677312	5.67E-06
RP11-320N7.2	ANGPTL4	0.401476312	1.97E-18
RP11-320N7.2	PALM3	0.344175793	1.18E-13
RP11-320N7.2	ACP5	0.339176742	2.80E-13
RP11-320N7.2	DLG4	0.351526009	3.25E-14
RP11-320N7.2	ETNK2	0.369600959	1.17E-15
RP11-320N7.2	CD109	0.156688385	0.000987744
RP11-320N7.2	SNX22	0.296109583	2.47E-10
RP11-320N7.2	TMEM98	0.306495256	5.31E-11
RP11-320N7.2	CTHRC1	0.189744604	6.32E-05
RP11-320N7.2	S100A2	0.41426414	1.24E-19
RP11-320N7.2	C11orf80	0.52665883	1.07E-32
RP11-320N7.2	SREBF1	0.393584562	1.02E-17
RP11-320N7.2	PRSS22	0.428146241	5.37E-21
RP11-320N7.2	CMTM3	0.4295922	3.84E-21
RP11-320N7.2	RDH5	0.490025123	6.77E-28
RP11-320N7.2	MYH10	0.362547183	4.40E-15
RP11-320N7.2	EVPL	0.294985169	2.90E-10
RP11-320N7.2	SCD	0.252327566	8.38E-08
RP11-320N7.2	CD151	0.491987369	3.87E-28
RP11-320N7.2	S100A4	0.383243355	8.29E-17
RP11-320N7.2	BNIP1	0.419426375	3.92E-20
RP11-320N7.2	MAP3K6	0.559050826	1.87E-37
RP11-320N7.2	MANEAL	0.525011249	1.82E-32
RP11-320N7.2	CD207	0.432784198	1.82E-21
RP11-320N7.2	CD1A	0.423289908	1.64E-20
RP11-320N7.2	C3	0.147156501	0.001992646
RP11-320N7.2	NT5E	0.245078338	1.99E-07
RP11-320N7.2	CACNG4	0.271307417	7.60E-09
RP11-320N7.2	FHOD1	0.460455262	2.01E-24
RP11-320N7.2	LEMD1	0.410042427	3.13E-19
RP11-320N7.2	ATP11A	0.124174836	0.009202965
RP11-320N7.2	PPAP2C	0.329827331	1.34E-12
RP11-320N7.2	DRAM1	0.248179467	1.38E-07
RP11-320N7.2	CDA	0.320445582	6.11E-12
RP11-320N7.2	CCND2	0.469620568	1.83E-25
RP11-320N7.2	LCN6	0.221250515	2.86E-06
RP11-320N7.2	CDH4	0.402455698	1.60E-18
RP11-320N7.2	MMP11	0.427326777	6.49E-21
RP11-320N7.2	B3GAT1	0.227659527	1.44E-06
RP11-320N7.2	SPP1	0.211892622	7.54E-06
RP11-320N7.2	HLA-DQB1	0.413676367	1.41E-19
RP11-320N7.2	SDC3	0.243560255	2.38E-07
RP11-320N7.2	CX3CL1	0.350283089	4.06E-14
RP11-320N7.2	SDK1	0.095468692	0.045591432
RP11-320N7.2	DOCK9	0.202264643	1.95E-05
RP11-320N7.2	CSF2	0.491202543	4.84E-28
RP11-320N7.2	GRHL3	0.391305239	1.63E-17
RP11-320N7.2	TMEM92	0.442040282	2.00E-22
RP11-320N7.2	BASP1	0.279887027	2.41E-09

RP11-320N7.2	HRH1	0.256715441	4.89E-08
RP11-320N7.2	ESM1	-0.006368348	0.894151765
RP11-320N7.2	B4GALNT3	0.366596705	2.07E-15
RP11-320N7.2	LMO3	0.39098568	1.74E-17
RP11-320N7.2	C9orf16	0.639725545	6.70E-52
RP11-320N7.2	SEMA3F	0.249398699	1.19E-07
RP11-320N7.2	PLA2G12B	0.442277074	1.89E-22
RP11-320N7.2	KLK6	0.217974942	4.03E-06
RP11-320N7.2	ST3GAL5	0.434980453	1.09E-21
RP11-320N7.2	FAM132B	0.341472873	1.89E-13
RP11-320N7.2	CDKN1A	0.247234831	1.55E-07
RP11-320N7.2	E2F1	0.541923702	7.11E-35
RP11-320N7.2	B3GNT8	0.402563282	1.56E-18
RP11-320N7.2	MTMR11	0.35721446	1.17E-14
RP11-320N7.2	MYO1G	0.208776105	1.03E-05
RP11-320N7.2	TMSB10	0.445531721	8.55E-23
RP11-320N7.2	UNC5CL	0.531660009	2.13E-33
RP11-320N7.2	ABR	0.421646978	2.38E-20
RP11-320N7.2	PLP2	0.496412477	1.08E-28
RP11-320N7.2	SRCIN1	0.568064791	7.10E-39
RP11-320N7.2	PDE9A	0.508893085	2.70E-30
RP11-320N7.2	TREM2	0.353771858	2.18E-14
RP11-320N7.2	KDEL3	0.307485138	4.57E-11
RP11-320N7.2	PC	0.410968695	2.56E-19
RP11-320N7.2	C2CD4A	0.455268418	7.56E-24
RP11-320N7.2	PELI1	0.175226789	0.000224672
RP11-320N7.2	SSX1	0.21945531	3.46E-06
RP11-320N7.2	MROH6	0.488136986	1.15E-27
RP11-320N7.2	ESPN	0.436989577	6.74E-22
RP11-320N7.2	BMP1	0.403608551	1.25E-18
RP11-320N7.2	TM4SF4	0.435258266	1.02E-21
RP11-320N7.2	CORO2A	0.282931775	1.59E-09
RP11-320N7.2	CD164L2	0.648916476	7.91E-54
RP11-320N7.2	CTSS	0.295168919	2.83E-10
RP11-320N7.2	CLU	0.388802096	2.72E-17
RP11-320N7.2	TMSB4X	0.391829185	1.47E-17
RP11-320N7.2	WNT10A	0.243068585	2.52E-07
RP11-320N7.2	NAPSA	0.364533684	3.04E-15
RP11-320N7.2	PLEKHA4	0.389162717	2.52E-17
RP11-320N7.2	SFTPA1	0.157071384	0.000959476
RP11-320N7.2	C1orf116	0.329783361	1.35E-12
RP11-320N7.2	TM4SF1	0.320806344	5.77E-12
RP11-320N7.2	SEL1L3	0.077034539	0.10699526
RP11-320N7.2	VASN	0.483339982	4.42E-27
RP11-320N7.2	NPTXR	0.466526673	4.15E-25
RP11-320N7.2	PDE4C	0.494295273	2.00E-28
RP11-320N7.2	CDC42EP1	0.354149925	2.04E-14
RP11-320N7.2	ENDOD1	0.349875095	4.36E-14
RP11-320N7.2	RYR1	0.378664071	2.05E-16
RP11-320N7.2	IL1RAP	0.264371457	1.87E-08
RP11-320N7.2	SLC35F2	0.381076522	1.27E-16

RP11-320N7.2	ISYNA1	0.441155406	2.48E-22
RP11-320N7.2	HLA-G	0.314770463	1.49E-11
RP11-320N7.2	CDKN2B	0.401267244	2.06E-18
RP11-320N7.2	ALDH1A3	0.261697614	2.62E-08
RP11-320N7.2	CLIP3	0.266870203	1.36E-08
RP11-320N7.2	ULBP2	0.459807775	2.38E-24
RP11-320N7.2	ETHE1	0.47775337	2.06E-26
RP11-320N7.2	XPR1	0.197673232	3.03E-05
RP11-320N7.2	SPTBN2	0.457898859	3.87E-24
RP11-320N7.2	IVL	0.474981593	4.36E-26
RP11-320N7.2	MARCO	0.336677499	4.27E-13
RP11-320N7.2	PLXND1	0.195401922	3.75E-05
RP11-320N7.2	EMILIN2	0.467087356	3.58E-25
RP11-320N7.2	PLAUR	0.349911901	4.33E-14
RP11-320N7.2	CDC42EP5	0.399310388	3.11E-18
RP11-320N7.2	TRPC5	0.296313266	2.40E-10
RP11-320N7.2	TMEM100	0.302446869	9.73E-11
RP11-320N7.2	QSOX1	0.315483479	1.34E-11
RP11-320N7.2	ARHGAP23	0.22493526	1.93E-06
RP11-320N7.2	MDF1	0.12829088	0.007114029
RP11-320N7.2	FSTL3	0.333751469	6.98E-13
RP11-320N7.2	INF2	0.461679104	1.47E-24
RP11-320N7.2	TGFBR1	0.317674579	9.47E-12
RP11-320N7.2	TGFBI	0.260749219	2.96E-08
RP11-320N7.2	ERBB3	0.322181952	4.63E-12
RP11-320N7.2	CCL18	0.151454593	0.001459303
RP11-320N7.2	CCL17	0.428191432	5.32E-21
RP11-320N7.2	C16orf45	0.247676654	1.47E-07
RP11-320N7.2	PRDM1	0.147069839	0.002005034
RP11-320N7.2	TRIM47	0.520617559	7.29E-32
RP11-320N7.2	CNFN	0.538696977	2.10E-34
RP11-320N7.2	ARMCX3	0.329346574	1.45E-12
RP11-320N7.2	RAMP1	0.33048659	1.20E-12
RP11-320N7.2	GABRD	0.212625708	7.00E-06
RP11-320N7.2	COL13A1	0.431985206	2.20E-21
RP11-320N7.2	S100A5	0.530343406	3.27E-33
RP11-320N7.2	MISP	0.269982678	9.05E-09
RP11-320N7.2	HES6	0.467550383	3.17E-25
RP11-320N7.2	PSD3	0.333609207	7.15E-13
RP11-320N7.2	DOK7	0.348963933	5.12E-14
RP11-320N7.2	ZMAT3	0.300017552	1.39E-10
RP11-320N7.2	MFAP2	0.197705996	3.02E-05
RP11-320N7.2	TMEM79	0.437597916	5.83E-22
RP11-320N7.2	SLC1A5	0.329817119	1.34E-12
RP11-320N7.2	BBC3	0.451045712	2.18E-23
RP11-320N7.2	HLA-DQB2	0.415581665	9.26E-20
RP11-320N7.2	C1QL1	0.306126551	5.61E-11
RP11-320N7.2	TMEM215	0.34701198	7.22E-14
RP11-320N7.2	PNP	0.306438451	5.35E-11
RP11-320N7.2	ARNTL	0.194496363	4.08E-05
RP11-320N7.2	CLDN2	0.55146479	2.71E-36

RP11-320N7.2	MVP	0.536047388	5.06E-34
RP11-320N7.2	LGALS1	0.484176963	3.50E-27
RP11-320N7.2	BIRC7	0.481384176	7.59E-27
RP11-320N7.2	COL8A1	0.379227803	1.83E-16
RP11-320N7.2	PERP	0.374804681	4.33E-16
RP11-320N7.2	GJA4	0.232475396	8.45E-07
RP11-320N7.2	IGFL2	0.39696993	5.07E-18
RP11-320N7.2	DAPK2	0.314854927	1.47E-11
RP11-320N7.2	MAMLD1	0.325683061	2.63E-12
RP11-320N7.2	ETV5	0.321161859	5.45E-12
RP11-320N7.2	RUNX1	0.289335227	6.51E-10
RP11-320N7.2	LONRF2	0.204880405	1.52E-05
RP11-320N7.2	SPOCK1	0.107793421	0.023904019
RP11-320N7.2	XKRX	0.242441514	2.72E-07
RP11-320N7.2	TGFB1	0.2048353	1.52E-05
RP11-320N7.2	ERP27	0.227832639	1.41E-06
RP11-320N7.2	TNFRSF10C	0.408643912	4.24E-19
RP11-320N7.2	PALM	0.315703043	1.29E-11
RP11-320N7.2	TSC22D1	0.304732929	6.92E-11
RP11-320N7.2	TGM2	0.256863874	4.80E-08
RP11-320N7.2	UBE2QL1	0.445546827	8.51E-23
RP11-320N7.2	ECE1	0.296576299	2.31E-10
RP11-320N7.2	COL8A2	0.269468377	9.67E-09
RP11-320N7.2	HIST3H2A	0.429589009	3.84E-21
RP11-320N7.2	TNFRSF21	0.23304778	7.93E-07
RP11-320N7.2	SOX4	0.130499285	0.006177903
RP11-320N7.2	ELF3	0.304874199	6.77E-11
RP11-320N7.2	TPD52L1	0.488672493	9.92E-28
RP11-320N7.2	INHBB	0.261229055	2.78E-08
RP11-320N7.2	HPN	0.506762761	5.12E-30
RP11-320N7.2	MMP7	0.354872369	1.79E-14
RP11-320N7.2	RAB27A	0.376068522	3.39E-16
RP11-320N7.2	IGF2BP2	0.280977826	2.08E-09
RP11-320N7.2	ITGB4	0.300323495	1.33E-10
RP11-320N7.2	PPP1R1B	0.29620972	2.43E-10
RP11-320N7.2	NPDC1	0.525917873	1.36E-32
RP11-320N7.2	CCL13	0.390182878	2.05E-17
RP11-320N7.2	SPINT1	0.554660397	8.84E-37
RP11-320N7.2	HEY2	0.436948728	6.80E-22
RP11-320N7.2	CST2	0.36703657	1.90E-15
RP11-320N7.2	ADM	0.531336479	2.37E-33
RP11-320N7.2	VSTM2L	0.454884039	8.33E-24
RP11-320N7.2	FAM84A	0.279754551	2.46E-09
RP11-320N7.2	P4HA2	0.543128396	4.73E-35
RP11-320N7.2	LPL	0.216734518	4.59E-06
RP11-320N7.2	TMEM173	0.404348515	1.07E-18
RP11-320N7.2	DHRS3	0.439920004	3.34E-22
RP11-320N7.2	SCN1B	0.619499563	7.00E-48
RP11-320N7.2	GLT1D1	0.357724222	1.07E-14
RP11-320N7.2	PHYHIP	0.481661835	7.03E-27
RP11-320N7.2	BHLHE40	0.268596362	1.08E-08

RP11-320N7.2	BID	0.479468891	1.29E-26
RP11-320N7.2	POSTN	0.194895776	3.93E-05
RP11-320N7.2	ITGA3	0.49218502	3.66E-28
RP11-320N7.2	RSPO4	0.31724999	1.01E-11
RP11-320N7.2	ADAMTS9	0.3107803	2.76E-11
RP11-320N7.2	ABTB2	0.342853374	1.49E-13
RP11-320N7.2	KCNQ3	0.300583199	1.28E-10
RP11-320N7.2	ANXA1	0.362379531	4.54E-15
RP11-320N7.2	S100A11	0.563181337	4.22E-38
RP11-320N7.2	CEACAM6	0.353358488	2.35E-14
RP11-320N7.2	IER5L	0.493993089	2.18E-28
RP11-320N7.2	KRT80	0.343771344	1.27E-13
RP11-320N7.2	CDH6	0.364206607	3.23E-15
RP11-320N7.2	UNC5B	0.327624458	1.92E-12
RP11-320N7.2	PLEKHN1	0.438750273	4.42E-22
RP11-320N7.2	SYTL1	0.527189939	9.05E-33
RP11-320N7.2	TMEM163	0.282609095	1.66E-09
RP11-320N7.2	C4orf48	0.423639932	1.51E-20
RP11-320N7.2	B3GNT7	0.425118088	1.08E-20
RP11-320N7.2	BAIAP3	0.233788241	7.30E-07
RP11-320N7.2	PHLDA2	0.629134421	9.28E-50
RP11-320N7.2	GAP43	0.269223403	9.99E-09
RP11-320N7.2	S100A1	0.638272352	1.33E-51
RP11-320N7.2	PTPRE	0.278467804	2.93E-09
RP11-320N7.2	CCND1	0.340812692	2.11E-13
RP11-320N7.2	ST6GALNAC5	0.333853758	6.86E-13
RP11-320N7.2	KRT17	0.220543201	3.08E-06
RP11-320N7.2	HPCAL4	0.342641682	1.54E-13
RP11-320N7.2	GABBR2	0.395439296	6.97E-18
RP11-320N7.2	DIRAS3	0.39574375	6.54E-18
RP11-320N7.2	SERINC2	0.631244887	3.53E-50
RP11-320N7.2	PTCHD4	0.316408541	1.16E-11
RP11-320N7.2	EPS8	0.292061621	4.42E-10
RP11-320N7.2	LY6E	0.453317873	1.24E-23
RP11-320N7.2	UPP1	0.453240075	1.26E-23
RP11-320N7.2	AHNAK2	0.423878006	1.43E-20
RP11-320N7.2	PLXNC1	0.35852695	9.21E-15
RP11-320N7.2	TNC	0.356334714	1.37E-14
RP11-320N7.2	DUSP4	0.327704241	1.90E-12
RP11-320N7.2	NRCAM	0.223716879	2.20E-06
RP11-320N7.2	NRP2	0.331625614	9.94E-13
RP11-320N7.2	CTSC	0.470623711	1.40E-25
RP11-320N7.2	AMIGO2	0.248565406	1.32E-07
RP11-320N7.2	NAB2	0.447610487	5.13E-23
RP11-320N7.2	TBC1D2	0.420916658	2.81E-20
RP11-320N7.2	PHLDA3	0.61576733	3.59E-47
RP11-320N7.2	PTP4A3	0.478184697	1.83E-26
RP11-320N7.2	CRABP2	0.468961592	2.18E-25
RP11-320N7.2	GOS2	0.474041846	5.62E-26
RP11-320N7.2	S100A6	0.592987073	4.89E-43
RP11-320N7.2	FOXQ1	0.232319942	8.60E-07

RP11-320N7.2	LRG1	0.438640065	4.54E-22
RP11-320N7.2	LAMP5	0.30341278	8.43E-11
RP11-320N7.2	ALDH3B1	0.437506715	5.95E-22
RP11-320N7.2	CDH2	0.016853945	0.7247276
RP11-320N7.2	SCG5	0.356157985	1.42E-14
RP11-320N7.2	ZCCHC16	0.362671738	4.30E-15
RP11-320N7.2	GRB7	0.318949128	7.74E-12
RP11-320N7.2	TIAM1	0.180072302	0.000148701
RP11-320N7.2	FXYD5	0.443532455	1.39E-22
RP11-320N7.2	CLDN9	0.454776243	8.56E-24
RP11-320N7.2	FAM43A	0.469105061	2.10E-25
RP11-320N7.2	CHST2	0.212119633	7.37E-06
RP11-320N7.2	HMGA2	0.400530755	2.40E-18
RP11-320N7.2	GALNT7	0.444317453	1.15E-22
RP11-320N7.2	CBLN1	0.369426215	1.21E-15
RP11-320N7.2	STRA6	0.338846261	2.96E-13
RP11-320N7.2	MUC21	0.480751729	9.04E-27
RP11-320N7.2	PRR36	0.356802777	1.26E-14
RP11-320N7.2	NFE2L3	0.302509986	9.64E-11
RP11-320N7.2	NR1D1	0.348885284	5.20E-14
RP11-320N7.2	MUC1	0.416616297	7.36E-20
RP11-320N7.2	NAT8L	0.318237531	8.67E-12
RP11-320N7.2	APOC1	0.204750127	1.53E-05
RP11-320N7.2	EVA1A	0.310320463	2.97E-11
RP11-320N7.2	ENTPD1	0.221569464	2.76E-06
RP11-320N7.2	COL1A1	0.295925692	2.53E-10
RP11-320N7.2	FNDC4	0.487752962	1.29E-27
RP11-320N7.2	FRMD3	0.317113684	1.03E-11
RP11-320N7.2	SHROOM4	0.260856165	2.92E-08
RP11-320N7.2	NELL2	0.182844722	0.000116858
RP11-320N7.2	EPHB3	0.409495006	3.52E-19
RP11-320N7.2	TMC6	0.445521863	8.57E-23
RP11-320N7.2	NOD1	0.235139807	6.27E-07
RP11-320N7.2	GGCT	0.509853464	2.02E-30
RP11-320N7.2	ICAM1	0.301036582	1.20E-10
RP11-320N7.2	PRSS23	0.359874474	7.20E-15
RP11-320N7.2	CFI	0.319901352	6.66E-12
RP11-320N7.2	CD55	0.2990415	1.61E-10
RP11-320N7.2	RASD2	0.279837029	2.43E-09
RP11-320N7.2	KLK11	0.269813639	9.25E-09
RP11-320N7.2	ICAM5	0.323888466	3.52E-12
RP11-320N7.2	ADORA1	0.645306271	4.60E-53
RP11-320N7.2	ITGA2	0.223292927	2.30E-06
RP11-320N7.2	ABCC3	0.315519363	1.33E-11
RP11-320N7.2	MFGE8	0.56362011	3.60E-38
RP11-320N7.2	STK32A	0.444084982	1.22E-22
RP11-320N7.2	CYSLTR2	0.153635624	0.001242078
RP11-320N7.2	LAD1	0.514820177	4.42E-31
RP11-320N7.2	MGAT3	0.190490597	5.90E-05
RP11-320N7.2	IGFBP6	0.559596686	1.53E-37
RP11-320N7.2	CYP2S1	0.338436635	3.17E-13

RP11-320N7.2	KCNJ2	0.393807034	9.77E-18
RP11-320N7.2	FAM20A	0.367505882	1.74E-15
RP11-320N7.2	TGFA	0.422859118	1.81E-20
RP11-320N7.2	MXRA8	0.333290002	7.54E-13
RP11-320N7.2	C8orf4	0.29264365	4.07E-10
RP11-320N7.2	CLDN10	0.349749138	4.46E-14
RP11-320N7.2	PDE5A	0.327250291	2.04E-12
RP11-320N7.2	APOE	0.233261457	7.74E-07
RP11-320N7.2	SPOCK2	0.234819326	6.50E-07
RP11-320N7.2	TENM1	0.378355433	2.17E-16
RP11-320N7.2	SLIT1	0.386930697	3.96E-17
RP11-320N7.2	CXCL14	0.140150525	0.003254226
RP11-320N7.2	ECM1	0.417029681	6.71E-20
RP11-320N7.2	DUSP5	0.353144371	2.44E-14
RP11-320N7.2	SEZ6L2	0.377630645	2.50E-16
RP11-320N7.2	THRSP	0.645624979	3.95E-53
RP11-320N7.2	C19orf33	0.437016029	6.69E-22
RP11-320N7.2	MPZL2	0.397344312	4.69E-18
RP11-320N7.2	CTSH	0.572256293	1.50E-39
RP11-320N7.2	CYP1B1	0.376040438	3.41E-16
RP11-320N7.2	ALOX5	0.434187512	1.31E-21
RP11-320N7.2	SYTL5	0.284378666	1.30E-09
RP11-320N7.2	TNFRSF12A	0.475079384	4.25E-26
RP11-320N7.2	DUSP6	0.404496593	1.04E-18
RP11-320N7.2	ALOX15B	0.498415856	6.05E-29
RP11-320N7.2	SDC4	0.368556186	1.43E-15
RP11-320N7.2	MDK	0.310323584	2.97E-11
RP11-320N7.2	KRT19	0.455858603	6.51E-24
RP11-320N7.2	MET	0.360478204	6.44E-15
RP11-320N7.2	TESC	0.344381173	1.14E-13
RP11-320N7.2	CXCL17	0.579378809	1.01E-40
RP11-320N7.2	NPC2	0.678336463	1.79E-60
RP11-320N7.2	COMP	0.312005844	2.29E-11
RP11-320N7.2	TUSC3	0.291850993	4.55E-10
RP11-320N7.2	TMPRSS4	0.3634487	3.72E-15
RP11-320N7.2	LGALS3	0.585159647	1.08E-41
RP11-320N7.2	CRLF1	0.223375264	2.28E-06
RP11-320N7.2	CTXN1	0.3715203	8.14E-16
RP11-320N7.2	PCSK1N	0.246559119	1.67E-07
RP11-320N7.2	NMU	0.345803849	8.92E-14
RP11-320N7.2	GALE	0.597265592	8.67E-44
RP11-320N7.2	PCSK2	0.258872784	3.74E-08
RP11-320N7.2	GJB3	0.448364351	4.25E-23
RP11-320N7.2	SLPI	0.455951719	6.36E-24
RP11-320N7.2	AGR2	0.254797093	6.20E-08
RP11-320N7.2	MRC2	0.417494765	6.05E-20
RP11-320N7.2	GOLT1A	0.556894546	4.02E-37
RP11-320N7.2	SLC27A6	0.170811545	0.000324204
RP11-320N7.2	KCNN4	0.464797891	6.52E-25
RP11-320N7.2	ETV4	0.280375027	2.26E-09
RP11-320N7.2	SYT12	0.43371562	1.46E-21

RP11-320N7.2	PVRL4	0.477618057	2.13E-26
RP11-320N7.2	PLCD3	0.457808651	3.96E-24
RP11-320N7.2	PLAU	0.582285387	3.31E-41
RP11-320N7.2	LRRK2	0.356822776	1.26E-14
RP11-320N7.2	SFN	0.476655125	2.77E-26
RP11-320N7.2	LPAR5	0.369026447	1.31E-15
RP11-320N7.2	NGEF	0.386571494	4.26E-17
RP11-320N7.2	DTX4	0.360735568	6.15E-15
RP11-320N7.2	CST6	0.43848525	4.71E-22
RP11-320N7.2	QPCT	0.376374252	3.20E-16
RP11-320N7.2	TIMP1	0.553210751	1.47E-36
RP11-320N7.2	CAMK2N1	0.359497187	7.72E-15
RP11-320N7.2	KLHDC8A	0.322708026	4.26E-12
RP11-320N7.2	PDLIM4	0.527740481	7.58E-33
RP11-320N7.2	SCEL	0.38087666	1.32E-16
RP11-320N7.2	LCN2	0.539389994	1.66E-34
RP11-320N7.2	PROS1	0.469048538	2.13E-25
RP11-320N7.2	GABRB2	0.336787211	4.19E-13
RP11-320N7.2	TMPRSS6	0.303199528	8.70E-11
RP11-320N7.2	KLK7	0.399031548	3.29E-18
RP11-320N7.2	PDZK1IP1	0.585123265	1.10E-41
RP11-320N7.2	CDH3	0.294083652	3.31E-10
RP11-320N7.2	LRP4	0.293765795	3.46E-10
RP11-320N7.2	IGSF1	0.188866349	6.84E-05
RP11-320N7.2	B3GNT3	0.441298803	2.39E-22
RP11-320N7.2	CLDN1	0.395995582	6.21E-18
RP11-320N7.2	GDF15	0.527372484	8.53E-33
RP11-320N7.2	ARHGAP36	0.25812555	4.11E-08
RP11-320N7.2	LAMB3	0.413049021	1.62E-19
RP11-320N7.2	KLK10	0.390458542	1.94E-17
RP11-320N7.2	DPP4	0.439306771	3.87E-22
RP11-320N7.2	METTL7B	0.594387077	2.78E-43
RP11-320N7.2	LIPH	0.476517188	2.88E-26
RP11-320N7.2	CLDN16	0.496266101	1.13E-28
RP11-320N7.2	CHI3L1	0.65189319	1.82E-54
RP11-320N7.2	SLC22A31	0.48434734	3.34E-27
RP11-320N7.2	TACSTD2	0.374691637	4.43E-16
RP11-320N7.2	SFTPB	0.451890636	1.77E-23
RP11-320N7.2	RXRG	0.420215912	3.29E-20
RP11-320N7.2	DCSTAMP	0.423989023	1.40E-20
RP11-320N7.2	CITED1	0.690345675	2.04E-63
RP11-320N7.2	SERPINA1	0.524639494	2.04E-32
RP11-320N7.2	PRR15	0.364742681	2.93E-15
RP11-320N7.2	SLC34A2	0.466029818	4.72E-25
RP11-320N7.2	FN1	0.4002841	2.53E-18
RP11-320N7.2	ZCCHC12	0.306094708	5.64E-11
MIR181A2HG	TFF3	-0.279597296	2.94E-09
MIR181A2HG	CCL21	-0.306112934	5.62E-11
MIR181A2HG	TPO	-0.365363089	2.99E-15
MIR181A2HG	MT1G	-0.333080249	1.05E-12
MIR181A2HG	DIO1	-0.404752253	0

MIR181A2HG	DPT	-0.340810635	2.11E-13
MIR181A2HG	CDH16	-0.397119004	0
MIR181A2HG	CRABP1	-0.272560098	6.45E-09
MIR181A2HG	SLC26A7	-0.300009078	1.72E-10
MIR181A2HG	MT1H	-0.361298513	5.54E-15
MIR181A2HG	SLC26A4	-0.323359441	5.06E-12
MIR181A2HG	SLC5A8	-0.439355439	3.82E-22
MIR181A2HG	PKHD1L1	-0.324373408	3.26E-12
MIR181A2HG	TFCP2L1	-0.414984384	0
MIR181A2HG	WSCD2	-0.401637808	1.90E-18
MIR181A2HG	IPCEF1	-0.410229152	0
MIR181A2HG	SLC5A5	-0.321332679	5.30E-12
MIR181A2HG	MT1F	-0.314786237	1.92E-11
MIR181A2HG	FOSB	-0.172462888	0.000288545
MIR181A2HG	SEMA3D	-0.407747868	5.15E-19
MIR181A2HG	BMP8A	-0.355348962	2.16E-14
MIR181A2HG	MATN2	-0.322189143	6.08E-12
MIR181A2HG	PLA2R1	-0.388491619	0
MIR181A2HG	COL23A1	-0.240068564	3.89E-07
MIR181A2HG	HGD	-0.413115821	0
MIR181A2HG	TCEAL2	-0.253757833	7.82E-08
MIR181A2HG	CHRD1	-0.361881	4.98E-15
MIR181A2HG	TNFRSF11B	-0.369018232	1.36E-15
MIR181A2HG	FAM167A	-0.377583067	1.45E-16
MIR181A2HG	KIT	-0.385023843	0
MIR181A2HG	SLC4A4	-0.434918883	0
MIR181A2HG	SMOC2	-0.28467464	1.48E-09
MIR181A2HG	FHL1	-0.329374186	1.93E-12
MIR181A2HG	OTOS	-0.35985839	9.10E-15
MIR181A2HG	IGFBPL1	-0.478151051	1.84E-26
MIR181A2HG	HBB	-0.265803351	1.77E-08
MIR181A2HG	BEX1	-0.174147346	0.000251037
MIR181A2HG	FABP4	-0.350727391	3.75E-14
MIR181A2HG	LMOD1	-0.370808784	9.00E-16
MIR181A2HG	SOD3	-0.354158665	2.69E-14
MIR181A2HG	TMEM171	-0.336738937	5.74E-13
MIR181A2HG	PI16	-0.273468088	6.60E-09
MIR181A2HG	ZMAT4	-0.393828438	9.72E-18
MIR181A2HG	MFAP4	-0.229159587	1.31E-06
MIR181A2HG	CWH43	-0.369126183	1.28E-15
MIR181A2HG	SPX	-0.317435613	1.28E-11
MIR181A2HG	APOD	-0.23360845	8.02E-07
MIR181A2HG	DPP6	-0.342658936	2.10E-13
MIR181A2HG	MMRN1	-0.388515306	0
MIR181A2HG	WDR72	-0.299293084	1.91E-10
MIR181A2HG	MPPED2	-0.368352732	1.57E-15
MIR181A2HG	PAPSS2	-0.47879932	0
MIR181A2HG	DCN	-0.301631127	1.36E-10
MIR181A2HG	SORBS2	-0.395318382	0
MIR181A2HG	EGR2	-0.106277995	0.026005763
MIR181A2HG	EDN3	-0.151766335	0.001426253

MIR181A2HG	DIO2	-0.342211723	2.27E-13
MIR181A2HG	ITPR1	-0.450095456	0
MIR181A2HG	CFD	-0.23683255	5.60E-07
MIR181A2HG	CPXM1	-0.370131795	1.05E-15
MIR181A2HG	ELM01	-0.455583277	0
MIR181A2HG	GPC3	-0.364608954	3.00E-15
MIR181A2HG	MYOC	-0.09603064	0.044327739
MIR181A2HG	DEPTOR	-0.342961758	1.99E-13
MIR181A2HG	DGKI	-0.396547542	0
MIR181A2HG	CARTPT	-0.293051535	3.84E-10
MIR181A2HG	IYD	-0.339776096	3.44E-13
MIR181A2HG	LYVE1	-0.307833948	5.47E-11
MIR181A2HG	CLCNKB	-0.246681295	1.81E-07
MIR181A2HG	NCAM1	-0.5559773	0
MIR181A2HG	HBA2	-0.161284137	0.000704256
MIR181A2HG	GLT8D2	-0.402362723	0
MIR181A2HG	OGDHL	-0.374837951	3.27E-16
MIR181A2HG	LIFR	-0.4723063	0
MIR181A2HG	CSGALNACT1	-0.356039567	1.89E-14
MIR181A2HG	RAP1GAP	-0.291874151	5.48E-10
MIR181A2HG	COL9A3	-0.311321156	3.25E-11
MIR181A2HG	FBLN1	-0.320438731	8.01E-12
MIR181A2HG	EFEMP1	-0.308163436	5.21E-11
MIR181A2HG	AOX1	-0.491051655	5.05E-28
MIR181A2HG	GRIN2C	-0.358670504	1.15E-14
MIR181A2HG	C11orf74	-0.249802421	1.25E-07
MIR181A2HG	PPARGC1A	-0.425502033	0
MIR181A2HG	ANGPTL1	-0.353392035	3.10E-14
MIR181A2HG	SCARA5	-0.339543868	2.63E-13
MIR181A2HG	LTF	-0.35705044	1.56E-14
MIR181A2HG	CA4	-0.193740512	4.38E-05
MIR181A2HG	TG	-0.241419421	3.33E-07
MIR181A2HG	FCGBP	-0.237336497	5.29E-07
MIR181A2HG	PBX4	-0.154875368	0.001145905
MIR181A2HG	CYR61	-0.153907471	0.001231412
MIR181A2HG	FOS	-0.192899208	4.89E-05
MIR181A2HG	KHDRBS2	-0.238211632	4.79E-07
MIR181A2HG	MUM1L1	-0.349915323	5.84E-14
MIR181A2HG	RGS16	-0.361949069	6.02E-15
MIR181A2HG	MT1M	-0.320470502	7.97E-12
MIR181A2HG	LRP2	-0.298341498	2.19E-10
MIR181A2HG	MAFB	-0.425607418	0
MIR181A2HG	KCNK2	-0.337576769	4.98E-13
MIR181A2HG	TBC1D4	-0.428384589	0
MIR181A2HG	MIOX	-0.252043882	8.67E-08
MIR181A2HG	TPPP	-0.385014482	0
MIR181A2HG	FMOD	-0.506024532	0
MIR181A2HG	CITED2	-0.331565995	1.35E-12
MIR181A2HG	RGS8	-0.407038462	6.00E-19
MIR181A2HG	ABI3BP	-0.337612796	4.95E-13
MIR181A2HG	ADH1B	-0.296440051	2.35E-10

MIR181A2HG	OGN	-0.32632695	2.37E-12
MIR181A2HG	NR4A1	-0.16313809	0.0006097
MIR181A2HG	FOXJ1	-0.252148224	8.57E-08
MIR181A2HG	ALDH1A1	-0.250191906	1.20E-07
MIR181A2HG	OCA2	-0.286772343	9.33E-10
MIR181A2HG	TMEM139	-0.281212821	2.37E-09
MIR181A2HG	ARHGAP24	-0.516591115	0
MIR181A2HG	SLC25A15	-0.471952558	0
MIR181A2HG	DES	-0.241270713	3.11E-07
MIR181A2HG	GDF10	-0.402407724	1.62E-18
MIR181A2HG	KIAA1324	-0.404409433	0
MIR181A2HG	JUN	-0.205414491	1.50E-05
MIR181A2HG	C7	-0.20611006	1.40E-05
MIR181A2HG	LGI3	-0.371539103	7.56E-16
MIR181A2HG	CDON	-0.403964348	0
MIR181A2HG	BCL2	-0.392704607	0
MIR181A2HG	HLF	-0.3130632	2.49E-11
MIR181A2HG	EGR1	-0.142057404	0.002876213
MIR181A2HG	IP6K3	-0.333686461	9.53E-13
MIR181A2HG	SCUBE3	-0.35984605	9.12E-15
MIR181A2HG	PKNOX2	-0.281533231	2.27E-09
MIR181A2HG	SMAD9	-0.301306036	1.43E-10
MIR181A2HG	IQGAP2	-0.416749689	0
MIR181A2HG	GNA14	-0.345063642	1.38E-13
MIR181A2HG	LAYN	-0.347808616	8.52E-14
MIR181A2HG	AVPR1A	-0.426140158	0
MIR181A2HG	PDLIM3	-0.438919967	0
MIR181A2HG	GPM6A	-0.29454466	3.77E-10
MIR181A2HG	SDPR	-0.188540553	7.25E-05
MIR181A2HG	CRYAB	-0.281150838	2.39E-09
MIR181A2HG	FOXA2	-0.224306933	2.06E-06
MIR181A2HG	C8orf88	-0.338797136	4.06E-13
MIR181A2HG	ISM1	-0.305298468	7.97E-11
MIR181A2HG	BMP2	-0.231427137	1.02E-06
MIR181A2HG	ID4	-0.259279836	3.99E-08
MIR181A2HG	NUPR1	-0.289935237	7.19E-10
MIR181A2HG	SERTM1	-0.370769355	9.40E-16
MIR181A2HG	IRS1	-0.311321156	3.25E-11
MIR181A2HG	FIBIN	-0.424151034	0
MIR181A2HG	PODN	-0.282766789	1.92E-09
MIR181A2HG	TDRD9	-0.285585234	1.31E-09
MIR181A2HG	EPHA3	-0.423827078	0
MIR181A2HG	AIF1L	-0.171219402	0.000319525
MIR181A2HG	EBF4	-0.275804713	4.86E-09
MIR181A2HG	ADM2	-0.389581637	0
MIR181A2HG	GSTM3	-0.30588156	7.31E-11
MIR181A2HG	HSD17B6	-0.147767058	0.001925679
MIR181A2HG	AGR3	-0.20445504	1.58E-05
MIR181A2HG	EPHB1	-0.37655801	2.00E-16
MIR181A2HG	TMOD1	-0.421958515	0
MIR181A2HG	WASF3	-0.368056292	1.68E-15

MIR181A2HG	SELV	-0.298942792	1.63E-10
MIR181A2HG	ENPP1	-0.282907065	1.88E-09
MIR181A2HG	SYNE1	-0.446597272	6.58E-23
MIR181A2HG	PLCH1	-0.451869413	0
MIR181A2HG	CCDC146	-0.290025729	7.10E-10
MIR181A2HG	SLC16A2	-0.415892	0
MIR181A2HG	IER2	-0.143263587	0.002645562
MIR181A2HG	KCNAB1	-0.137111827	0.004025832
MIR181A2HG	SYNDIG1	-0.427468037	0
MIR181A2HG	C16orf89	-0.174287481	0.000248131
MIR181A2HG	CTGF	-0.075893645	0.112285113
MIR181A2HG	NR4A3	-0.228021769	1.48E-06
MIR181A2HG	KIAA1456	-0.199252802	2.71E-05
MIR181A2HG	AQP4	-0.321080544	7.24E-12
MIR181A2HG	RNF150	-0.483946164	0
MIR181A2HG	C1S	-0.300921374	1.51E-10
MIR181A2HG	PFKFB2	-0.41469305	0
MIR181A2HG	PROX1	-0.443429253	0
MIR181A2HG	TCF7L1	-0.369835923	1.13E-15
MIR181A2HG	HSPB6	-0.230095854	1.18E-06
MIR181A2HG	FHDC1	-0.26448767	2.09E-08
MIR181A2HG	PRR15L	-0.348862608	7.06E-14
MIR181A2HG	SLC1A1	-0.406528479	0
MIR181A2HG	BTBD11	-0.26102727	3.22E-08
MIR181A2HG	TRIM58	-0.450219422	0
MIR181A2HG	LRIG1	-0.42573961	0
MIR181A2HG	ROR2	-0.357481058	1.44E-14
MIR181A2HG	GPR125	-0.350729043	5.04E-14
MIR181A2HG	FLRT1	-0.327853408	2.47E-12
MIR181A2HG	PGF	-0.237148847	5.40E-07
MIR181A2HG	DUSP1	-0.15903304	0.000837295
MIR181A2HG	PLA2G7	-0.33070703	1.55E-12
MIR181A2HG	PLSCR4	-0.342763328	2.06E-13
MIR181A2HG	FAM46B	-0.306441391	6.73E-11
MIR181A2HG	GLDC	-0.38047158	4.68E-17
MIR181A2HG	ZBTB16	-0.280404349	2.64E-09
MIR181A2HG	OMD	-0.307330735	4.68E-11
MIR181A2HG	HSD11B2	-0.254828703	6.87E-08
MIR181A2HG	FGL2	-0.363909542	4.05E-15
MIR181A2HG	CLCNKA	-0.276188392	3.98E-09
MIR181A2HG	GATM	-0.230803763	1.09E-06
MIR181A2HG	TNS3	-0.463991949	0
MIR181A2HG	TOB1	-0.417842686	0
MIR181A2HG	MARC2	-0.294543526	3.77E-10
MIR181A2HG	LRRC2	-0.301298661	1.43E-10
MIR181A2HG	SORD	-0.225672379	1.90E-06
MIR181A2HG	RIMS4	-0.306335865	6.84E-11
MIR181A2HG	SLC29A4	-0.328252964	2.31E-12
MIR181A2HG	SLC39A14	-0.457579493	0
MIR181A2HG	FAXDC2	-0.255082592	6.67E-08
MIR181A2HG	HSPB8	-0.3765078	2.03E-16

MIR181A2HG	CCL19	-0.132609357	0.005388325
MIR181A2HG	KCNIP3	-0.257964297	4.69E-08
MIR181A2HG	CGNL1	-0.329037181	2.04E-12
MIR181A2HG	ATF3	-0.064460863	0.177538654
MIR181A2HG	SGCD	-0.356362956	1.78E-14
MIR181A2HG	STARD13	-0.341573456	2.53E-13
MIR181A2HG	LDHD	-0.311355055	3.23E-11
MIR181A2HG	RCAN1	-0.284032118	1.62E-09
MIR181A2HG	ID3	-0.273168386	6.87E-09
MIR181A2HG	SYTL3	-0.352294357	3.79E-14
MIR181A2HG	MT1E	-0.219889112	3.50E-06
MIR181A2HG	CAMK1D	-0.419562177	0
MIR181A2HG	PRKCQ	-0.294890176	3.59E-10
MIR181A2HG	NUAK2	-0.385645089	0
MIR181A2HG	LIPG	-0.162658538	0.000632958
MIR181A2HG	SLC25A25	-0.353488342	3.05E-14
MIR181A2HG	PRKX	-0.244423106	2.36E-07
MIR181A2HG	SRPX	-0.302077347	1.28E-10
MIR181A2HG	FAM189A1	-0.318105793	1.15E-11
MIR181A2HG	PLEKHH1	-0.170853604	0.000329214
MIR181A2HG	WNT11	-0.329175756	1.99E-12
MIR181A2HG	SNAI1	-0.340777324	2.90E-13
MIR181A2HG	FDCSP	-0.150593102	0.00155433
MIR181A2HG	MT1X	-0.133058973	0.005262253
MIR181A2HG	ACACB	-0.362858671	5.01E-15
MIR181A2HG	ARC	-0.025029431	0.600830914
MIR181A2HG	KLK4	-0.351274168	3.40E-14
MIR181A2HG	ZFPM2	-0.346709379	1.03E-13
MIR181A2HG	AKAP12	-0.289045635	8.13E-10
MIR181A2HG	GJB6	-0.267214101	1.30E-08
MIR181A2HG	ERO1LB	-0.32707841	2.80E-12
MIR181A2HG	DNALI1	-0.242111728	3.08E-07
MIR181A2HG	HKDC1	-0.477942624	0
MIR181A2HG	ZFP36L2	-0.265563221	1.82E-08
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MIR181A2HG	CYP7B1	-0.486384912	0
MIR181A2HG	CPQ	-0.263306309	2.42E-08
MIR181A2HG	RPS6KA6	-0.307117469	4.83E-11
MIR181A2HG	TLE1	-0.472182051	0
MIR181A2HG	TP53INP2	-0.352364283	3.75E-14
MIR181A2HG	KATNAL2	-0.278474371	3.42E-09
MIR181A2HG	SGPP2	-0.533210455	0
MIR181A2HG	CTH	-0.456225232	0
MIR181A2HG	KIF12	-0.001081508	0.981966674
MIR181A2HG	TMEM220	-0.329857142	1.79E-12
MIR181A2HG	CENPJ	-0.280277547	2.68E-09
MIR181A2HG	FAM155B	-0.227401657	1.58E-06
MIR181A2HG	WFS1	-0.388449493	0
MIR181A2HG	SELENBP1	-0.263092276	2.49E-08
MIR181A2HG	SNTA1	-0.261764539	2.93E-08
MIR181A2HG	FRAS1	-0.254459643	7.19E-08

MIR181A2HG	FBLN7	-0.447883932	0
MIR181A2HG	AGPAT9	-0.23212299	9.45E-07
MIR181A2HG	GPR83	-0.185629629	9.39E-05
MIR181A2HG	PRTG	-0.303942647	9.73E-11
MIR181A2HG	EGR3	-0.155253789	0.001113989
MIR181A2HG	GRAMD2	-0.252029122	9.63E-08
MIR181A2HG	HYOU1	-0.476300008	0
MIR181A2HG	FBLN5	-0.316932942	1.38E-11
MIR181A2HG	ITM2A	-0.286165915	1.21E-09
MIR181A2HG	SRF	-0.224085363	2.25E-06
MIR181A2HG	FGFR2	-0.144698128	0.002393261
MIR181A2HG	MT1A	-0.2409408	3.23E-07
MIR181A2HG	MAMDC2	-0.31894164	1.01E-11
MIR181A2HG	FHL2	-0.44388143	0
MIR181A2HG	FTCDNL1	-0.341678841	2.48E-13
MIR181A2HG	PKIA	-0.186826876	8.45E-05
MIR181A2HG	DNAJB4	-0.207730124	1.20E-05
MIR181A2HG	SLC25A33	-0.411425123	0
MIR181A2HG	EYA2	-0.327217127	2.73E-12
MIR181A2HG	LPAR1	-0.421897667	0
MIR181A2HG	STX11	-0.35123299	4.60E-14
MIR181A2HG	ARHGEF28	-0.342840913	2.03E-13
MIR181A2HG	OR2W3	-0.351254408	4.59E-14
MIR181A2HG	ALDH1B1	-0.535911691	5.29E-34
MIR181A2HG	CXCL12	-0.350311474	5.44E-14
MIR181A2HG	OLFM2	-0.248985155	1.38E-07
MIR181A2HG	TUB	-0.218964334	3.85E-06
MIR181A2HG	HTRA3	-0.216276094	5.07E-06
MIR181A2HG	CKB	-0.252392083	9.22E-08
MIR181A2HG	RGS2	-0.260721752	3.34E-08
MIR181A2HG	SHANK2	-0.307413969	5.83E-11
MIR181A2HG	CNTFR	-0.344945595	1.04E-13
MIR181A2HG	CYTH3	-0.420883957	0
MIR181A2HG	PLAC9	-0.110329998	0.02081137
MIR181A2HG	WWOX	-0.272986125	7.03E-09
MIR181A2HG	NPR3	-0.297337717	2.53E-10
MIR181A2HG	SDC2	-0.16580945	0.000494017
MIR181A2HG	KLF15	-0.159313593	0.000819531
MIR181A2HG	TMEM164	-0.532501837	0
MIR181A2HG	LONRF3	-0.171576832	0.000310316
MIR181A2HG	GBP1	-0.206666203	1.33E-05
MIR181A2HG	ARHGAP6	-0.288983368	8.20E-10
MIR181A2HG	TMEM119	-0.294027664	4.05E-10
MIR181A2HG	SH3RF1	-0.406439264	0
MIR181A2HG	CRELD2	-0.286469305	1.16E-09
MIR181A2HG	PCP4	-0.053400971	0.264102215
MIR181A2HG	GCSH	-0.261072232	3.20E-08
MIR181A2HG	IMPA2	-0.256375579	5.70E-08
MIR181A2HG	C1R	-0.261426116	3.06E-08
MIR181A2HG	SUCNR1	-0.339982753	3.32E-13
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MIR181A2HG	GPX3	-0.248839489	1.41E-07
MIR181A2HG	DPY19L2	-0.178843148	0.000169139
MIR181A2HG	FAM46C	-0.45302028	0
MIR181A2HG	IL33	-0.30486623	6.78E-11
MIR181A2HG	PEG3	-0.367157329	2.04E-15
MIR181A2HG	FAHD2A	-0.193219901	4.75E-05
MIR181A2HG	PTGDS	-0.119204606	0.012479484
MIR181A2HG	CHCHD10	-0.247089077	1.73E-07
MIR181A2HG	CD36	-0.339881055	3.38E-13
MIR181A2HG	ANKRD37	-0.138235177	0.0037332
MIR181A2HG	TSPAN33	-0.443521022	0
MIR181A2HG	PRDM16	-0.241127236	3.44E-07
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MIR181A2HG	NEXN	-0.360151709	8.59E-15
MIR181A2HG	NUPR1L	-0.061563365	0.197941128
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MIR181A2HG	MARC1	-0.223643682	2.36E-06
MIR181A2HG	MYH11	-0.201778921	2.13E-05
MIR181A2HG	APOA1	-0.243934131	2.28E-07
MIR181A2HG	TMEM178B	-0.427554558	0
MIR181A2HG	CAPN6	-0.252342336	8.37E-08
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MIR181A2HG	FZD8	-0.340406278	3.09E-13
MIR181A2HG	RCAN2	-0.387806404	0
MIR181A2HG	COPZ2	-0.328533943	2.21E-12
MIR181A2HG	GAS1	-0.377976523	1.27E-16
MIR181A2HG	DACT1	-0.299122879	1.96E-10
MIR181A2HG	WBSCR17	-0.248806299	1.41E-07
MIR181A2HG	NCS1	-0.258177762	4.57E-08
MIR181A2HG	SPIRE2	-0.2345094	7.26E-07
MIR181A2HG	C15orf52	-0.422751385	0
MIR181A2HG	SPAG5	-0.405895319	0
MIR181A2HG	ARL4D	-0.378221334	1.17E-16
MIR181A2HG	FAM189A2	-0.05238414	0.273314806
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MIR181A2HG	KLF6	-0.065658536	0.169607627
MIR181A2HG	ADD3	-0.383648448	0
MIR181A2HG	TSPAN7	-0.245950266	1.97E-07
MIR181A2HG	KLF9	-0.205291092	1.52E-05
MIR181A2HG	KCNQ1	-0.298233277	2.23E-10
MIR181A2HG	MAN1A1	-0.376582406	1.98E-16
MIR181A2HG	MLF1	-0.198422204	2.93E-05
MIR181A2HG	RARB	-0.379538575	7.10E-17
MIR181A2HG	CDC42EP2	-0.255254498	6.53E-08
MIR181A2HG	FAM3B	-0.206458837	1.36E-05
MIR181A2HG	GADD45B	-0.045882184	0.337369982
MIR181A2HG	TMEM47	-0.343089128	1.95E-13
MIR181A2HG	SDF2L1	-0.196372232	3.55E-05

MIR181A2HG	CCDC85A	-0.303810596	9.92E-11
MIR181A2HG	CRYBG3	-0.36830011	1.59E-15
MIR181A2HG	FBLN2	-0.241280279	3.38E-07
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MIR181A2HG	CDADC1	-0.289404341	7.74E-10
MIR181A2HG	FAM63A	-0.460005049	0
MIR181A2HG	GLUL	-0.386720924	0
MIR181A2HG	FREM2	-0.331877753	1.28E-12
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MIR181A2HG	TTC30A	-0.474753416	0
MIR181A2HG	CORO2B	-0.353539404	3.02E-14
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MIR181A2HG	ALDH2	-0.461617596	0
MIR181A2HG	GPR183	-0.179318444	0.000162423
MIR181A2HG	C4orf47	-0.13289118	0.005320133
MIR181A2HG	SLC25A42	-0.224341805	2.19E-06
MIR181A2HG	LGMN	-0.47460392	0
MIR181A2HG	ACSF2	-0.332141712	1.23E-12
MIR181A2HG	KIAA1467	-0.444966058	0
MIR181A2HG	PRKG1	-0.33538723	7.19E-13
MIR181A2HG	GNAI1	-0.373043144	5.23E-16
MIR181A2HG	ABCC4	-0.463769974	0
MIR181A2HG	PRPS1	-0.494096029	0
MIR181A2HG	TSPAN5	-0.375273391	2.90E-16
MIR181A2HG	CR2	-0.207454705	1.18E-05
MIR181A2HG	CCDC170	-0.363376093	4.51E-15
MIR181A2HG	RRAD	-0.164180451	0.000561855
MIR181A2HG	SCGB2A1	-0.245886298	1.99E-07
MIR181A2HG	SESN3	-0.396406414	0
MIR181A2HG	SGK223	-0.235883092	6.23E-07
MIR181A2HG	NDRG2	-0.372157513	6.51E-16
MIR181A2HG	C3orf52	-0.335382407	7.20E-13
MIR181A2HG	FLRT3	0.281878746	2.17E-09
MIR181A2HG	MST1R	0.355286412	2.18E-14
MIR181A2HG	SDC1	0.088328648	0.064469752
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MIR181A2HG	UBTD1	0.547953858	0
MIR181A2HG	EPHA2	0.329259014	1.97E-12
MIR181A2HG	TMEM130	0.462939801	0
MIR181A2HG	SPINK2	0.269113972	1.16E-08
MIR181A2HG	MMP16	0.270404406	9.82E-09
MIR181A2HG	SIGLEC15	0.449076073	0
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MIR181A2HG	IL1RN	0.147128224	0.002015489
MIR181A2HG	FCER1G	0.078287288	0.101378816
MIR181A2HG	CD276	0.314796733	1.91E-11
MIR181A2HG	CTSB	0.346096642	1.15E-13

MIR181A2HG	FAM171A2	0.382919122	5.86E-18
MIR181A2HG	ASPHD1	0.353893429	2.83E-14
MIR181A2HG	C15orf48	0.148342349	0.001847955
MIR181A2HG	DYSF	0.172153683	0.000295975
MIR181A2HG	PDZRN4	0.305909502	7.28E-11
MIR181A2HG	EFHD2	0.366409989	2.40E-15
MIR181A2HG	ASF1B	0.162481384	0.000641756
MIR181A2HG	AQP1	0.271270889	8.78E-09
MIR181A2HG	ARRDC2	0.660180076	0
MIR181A2HG	PRSS1	0.404308432	1.08E-18
MIR181A2HG	MAPK13	0.240792926	3.58E-07
MIR181A2HG	CST5	0.364805447	2.89E-15
MIR181A2HG	AHR	0.238954433	4.41E-07
MIR181A2HG	BAX	0.32164846	6.62E-12
MIR181A2HG	C1orf115	0.487742861	0
MIR181A2HG	PLK3	0.400876695	0
MIR181A2HG	JAG2	0.424558957	0
MIR181A2HG	RAD23B	0.440250399	0
MIR181A2HG	CA12	0.106497417	0.025698241
MIR181A2HG	ADTRP	0.429499854	0
MIR181A2HG	UCP2	0.411276052	0
MIR181A2HG	IGFBP2	0.438633314	0
MIR181A2HG	LOXL2	0.184914203	0.000100037
MIR181A2HG	GPX1	0.357837069	1.35E-14
MIR181A2HG	P3H3	0.483472145	0
MIR181A2HG	C2orf81	0.51277754	0
MIR181A2HG	CDT1	0.325311403	3.71E-12
MIR181A2HG	SNX25	0.3647895	3.38E-15
MIR181A2HG	MTHFD1L	0.350889744	4.90E-14
MIR181A2HG	CDC42BPG	0.339117345	2.82E-13
MIR181A2HG	MSN	0.338340137	4.38E-13
MIR181A2HG	SIGLEC6	0.317624082	9.54E-12
MIR181A2HG	F2R	0.116228721	0.014867478
MIR181A2HG	TMEM184A	0.372937334	5.37E-16
MIR181A2HG	CKS2	0.242301081	3.01E-07
MIR181A2HG	TAX1BP3	0.452205284	0
MIR181A2HG	PMEP A1	0.342540785	2.14E-13
MIR181A2HG	CXCL16	0.212455002	7.48E-06
MIR181A2HG	FAXC	0.408609939	0
MIR181A2HG	VTCN1	0.210533314	8.65E-06
MIR181A2HG	SH2D4A	0.310266172	3.80E-11
MIR181A2HG	RNF24	0.39962172	0
MIR181A2HG	LY6G6C	0.360495792	6.42E-15
MIR181A2HG	NID1	0.122748123	0.010082787
MIR181A2HG	STAC	0.278405864	3.45E-09
MIR181A2HG	RAB34	0.612826048	0
MIR181A2HG	HES4	0.45349047	0
MIR181A2HG	EPHA10	0.408982262	0
MIR181A2HG	ENTPD2	0.537813779	0
MIR181A2HG	DDB2	0.369913366	1.11E-15
MIR181A2HG	NKAIN4	0.424428609	0

MIR181A2HG	TRIM29	0.321761504	6.51E-12
MIR181A2HG	ADCY8	0.337640731	3.63E-13
MIR181A2HG	SFTA2	0.311859428	2.99E-11
MIR181A2HG	NRIP1	0.226026972	1.83E-06
MIR181A2HG	VWA1	0.330235279	1.68E-12
MIR181A2HG	APLNR	0.162657971	0.000632986
MIR181A2HG	REN	0.441568805	2.24E-22
MIR181A2HG	EDIL3	0.162855834	0.000623291
MIR181A2HG	AGRN	0.384441034	0
MIR181A2HG	TREM1	0.174544206	0.00024289
MIR181A2HG	SRL	0.257676793	4.86E-08
MIR181A2HG	RASGRF1	0.455276909	0
MIR181A2HG	RMI2	0.333534269	9.78E-13
MIR181A2HG	SAMD1	0.463432686	0
MIR181A2HG	MGAT4B	0.460420207	0
MIR181A2HG	NXN	0.319740892	8.93E-12
MIR181A2HG	SH3BGRL3	0.291218296	6.01E-10
MIR181A2HG	CA11	0.49762976	0
MIR181A2HG	PLD3	0.413421906	0
MIR181A2HG	LURAP1L	0.234117504	7.58E-07
MIR181A2HG	CARNS1	0.495821762	0
MIR181A2HG	PDLIM7	0.426312206	0
MIR181A2HG	BCL2L1	0.276468511	4.46E-09
MIR181A2HG	GGT6	0.373119027	5.13E-16
MIR181A2HG	DPYSL3	0.268613287	1.24E-08
MIR181A2HG	FYN	0.341774581	2.44E-13
MIR181A2HG	TK1	0.137910796	0.003815656
MIR181A2HG	AK1	0.40089329	0
MIR181A2HG	HIGD1B	0.402713486	0
MIR181A2HG	TMEM59L	0.348035414	8.18E-14
MIR181A2HG	MEGF9	0.346275073	1.12E-13
MIR181A2HG	ZFP36L1	0.312145088	2.87E-11
MIR181A2HG	ADRA1B	0.263504313	2.36E-08
MIR181A2HG	EPHA4	0.269292828	1.13E-08
MIR181A2HG	TCERG1L	0.442863465	0
MIR181A2HG	NGFR	0.371964614	6.83E-16
MIR181A2HG	EBI3	0.226710343	1.70E-06
MIR181A2HG	S100A10	0.12689388	0.007804596
MIR181A2HG	S100B	0.199999433	2.52E-05
MIR181A2HG	CD44	0.31880888	1.03E-11
MIR181A2HG	BHLHE41	0.412411884	0
MIR181A2HG	FBXO2	0.444944215	0
MIR181A2HG	SLC30A2	0.227268472	1.60E-06
MIR181A2HG	FRMD5	0.200857689	2.33E-05
MIR181A2HG	SAMD11	0.466019511	0
MIR181A2HG	SIPA1L2	0.359963207	8.92E-15
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MIR181A2HG	PPL	0.27717954	4.06E-09
MIR181A2HG	ARHGD1B	0.313062632	2.49E-11
MIR181A2HG	CDC42EP3	0.279331635	3.05E-09
MIR181A2HG	RUNX2	0.396917595	0

MIR181A2HG	LAMC2	0.213962305	6.42E-06
MIR181A2HG	BRINP1	0.388183123	0
MIR181A2HG	GPRC5B	0.44554447	0
MIR181A2HG	AQP5	0.322388991	5.90E-12
MIR181A2HG	PLAG1	0.504526732	0
MIR181A2HG	PTPRU	0.342715103	2.08E-13
MIR181A2HG	ANGPTL4	0.20276937	1.94E-05
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MIR181A2HG	ACP5	0.184459331	0.000104111
MIR181A2HG	DLG4	0.478546425	0
MIR181A2HG	ETNK2	0.489848858	0
MIR181A2HG	CD109	0.323148813	5.23E-12
MIR181A2HG	SNX22	0.475909672	0
MIR181A2HG	TMEM98	0.483530723	0
MIR181A2HG	CTHRC1	0.125172119	0.008688052
MIR181A2HG	S100A2	0.260987981	3.23E-08
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MIR181A2HG	SREBF1	0.35550243	2.09E-14
MIR181A2HG	PRSS22	0.460024907	0
MIR181A2HG	CMTM3	0.275154815	5.30E-09
MIR181A2HG	RDH5	0.529816293	0
MIR181A2HG	MYH10	0.187933064	7.66E-05
MIR181A2HG	EVPL	0.402487256	0
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MIR181A2HG	CD151	0.491316447	0
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MIR181A2HG	BNIP1	0.470250655	0
MIR181A2HG	MAP3K6	0.448307316	0
MIR181A2HG	MANEAL	0.303623371	1.02E-10
MIR181A2HG	CD207	0.301682828	1.09E-10
MIR181A2HG	CD1A	0.284064923	1.36E-09
MIR181A2HG	C3	0.205534201	1.48E-05
MIR181A2HG	NT5E	0.30626835	6.90E-11
MIR181A2HG	CACNG4	0.369526554	1.19E-15
MIR181A2HG	FHOD1	0.604456948	0
MIR181A2HG	LEMD1	0.310901035	3.46E-11
MIR181A2HG	ATP11A	0.273329939	6.72E-09
MIR181A2HG	PPAP2C	0.383991836	0
MIR181A2HG	DRAM1	0.336312575	6.16E-13
MIR181A2HG	CDA	0.337317633	5.21E-13
MIR181A2HG	CCND2	0.376961253	1.77E-16
MIR181A2HG	LCN6	0.475862812	3.44E-26
MIR181A2HG	CDH4	0.428546283	0
MIR181A2HG	MMP11	0.300545506	1.60E-10
MIR181A2HG	B3GAT1	0.487779455	0
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MIR181A2HG	HLA-DQB1	0.088343825	0.064423749
MIR181A2HG	SDC3	0.375725993	2.55E-16
MIR181A2HG	CX3CL1	0.24979235	1.26E-07
MIR181A2HG	SDK1	0.398288735	0
MIR181A2HG	DOCK9	0.355758729	2.00E-14

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MIR181A2HG	GRHL3	0.264817583	2.00E-08
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MIR181A2HG	BASP1	0.372081772	6.63E-16
MIR181A2HG	HRH1	0.301577796	1.37E-10
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MIR181A2HG	B4GALNT3	0.448498938	0
MIR181A2HG	LMO3	0.437663574	0
MIR181A2HG	C9orf16	0.418069199	0
MIR181A2HG	SEMA3F	0.459693859	0
MIR181A2HG	PLA2G12B	0.404718148	9.87E-19
MIR181A2HG	KLK6	0.45148529	1.96E-23
MIR181A2HG	ST3GAL5	0.508065427	0
MIR181A2HG	FAM132B	0.486390585	0
MIR181A2HG	CDKN1A	0.144546788	0.002418801
MIR181A2HG	E2F1	0.292110168	5.31E-10
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MIR181A2HG	MTMR11	0.332728918	1.12E-12
MIR181A2HG	MYO1G	0.175701172	0.000220528
MIR181A2HG	TMSB10	0.405846952	0
MIR181A2HG	UNC5CL	0.388113481	0
MIR181A2HG	ABR	0.217792759	4.34E-06
MIR181A2HG	PLP2	0.294351904	3.87E-10
MIR181A2HG	SRCIN1	0.377310172	1.58E-16
MIR181A2HG	PDE9A	0.433056704	0
MIR181A2HG	TREM2	0.209266078	1.03E-05
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MIR181A2HG	PC	0.412904342	0
MIR181A2HG	C2CD4A	0.323450784	4.99E-12
MIR181A2HG	PELI1	0.227589024	1.55E-06
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MIR181A2HG	ESPN	0.498493832	0
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MIR181A2HG	TM4SF4	0.358300421	9.60E-15
MIR181A2HG	CORO2A	0.317443414	1.27E-11
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MIR181A2HG	CTSS	0.090484147	0.05820161
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MIR181A2HG	TMSB4X	0.303618549	1.02E-10
MIR181A2HG	WNT10A	0.454032162	1.03E-23
MIR181A2HG	NAPSA	0.356725066	1.66E-14
MIR181A2HG	PLEKHA4	0.585958833	0
MIR181A2HG	SFTPA1	0.129128687	0.006744901
MIR181A2HG	C1orf116	0.33708502	5.41E-13
MIR181A2HG	TM4SF1	0.267654184	1.40E-08
MIR181A2HG	SEL1L3	0.283812128	1.67E-09
MIR181A2HG	VASN	0.516770539	0
MIR181A2HG	NPTXR	0.329646088	1.85E-12
MIR181A2HG	PDE4C	0.393528539	0
MIR181A2HG	CDC42EP1	0.461194354	0

MIR181A2HG	ENDOD1	0.391015894	0
MIR181A2HG	RYR1	0.484344017	0
MIR181A2HG	IL1RAP	0.332478717	1.16E-12
MIR181A2HG	SLC35F2	0.439395775	3.79E-22
MIR181A2HG	ISYNA1	0.547373602	0
MIR181A2HG	HLA-G	0.222892513	2.55E-06
MIR181A2HG	CDKN2B	0.228902152	1.34E-06
MIR181A2HG	ALDH1A3	0.21762993	4.42E-06
MIR181A2HG	CLIP3	0.35198345	4.02E-14
MIR181A2HG	ULBP2	0.340327701	3.13E-13
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MIR181A2HG	SPTBN2	0.301743462	1.34E-10
MIR181A2HG	IVL	0.219211149	3.55E-06
MIR181A2HG	MARCO	0.204485741	1.64E-05
MIR181A2HG	PLXND1	0.362682934	5.20E-15
MIR181A2HG	EMILIN2	0.282977133	1.87E-09
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MIR181A2HG	TRPC5	0.423311932	1.63E-20
MIR181A2HG	TMEM100	0.294970739	3.55E-10
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MIR181A2HG	C16orf45	0.465505635	0
MIR181A2HG	PRDM1	0.406819813	0
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MIR181A2HG	CNFN	0.396892632	0
MIR181A2HG	ARMCX3	0.470511351	0
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MIR181A2HG	GABRD	0.382240856	1.45E-17
MIR181A2HG	COL13A1	0.430619658	0
MIR181A2HG	S100A5	0.381061055	3.42E-17
MIR181A2HG	MISP	0.280305914	2.67E-09
MIR181A2HG	HES6	0.570614325	0
MIR181A2HG	PSD3	0.226599852	1.72E-06
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MIR181A2HG	SLC1A5	0.294122411	4.00E-10
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MIR181A2HG	HLA-DQB2	0.152756179	0.001340758
MIR181A2HG	C1QL1	0.544886913	0

MIR181A2HG	TMEM215	0.478192756	1.82E-26
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MIR181A2HG	CLDN2	0.446339838	7.01E-23
MIR181A2HG	MVP	0.339565184	3.56E-13
MIR181A2HG	LGALS1	0.298365185	2.18E-10
MIR181A2HG	BIRC7	0.512052264	1.03E-30
MIR181A2HG	COL8A1	0.290909091	6.28E-10
MIR181A2HG	PERP	0.371412868	7.80E-16
MIR181A2HG	GJA4	0.459937819	0
MIR181A2HG	IGFL2	0.274385771	5.06E-09
MIR181A2HG	DAPK2	0.619793372	0
MIR181A2HG	MAMLD1	0.344223683	1.60E-13
MIR181A2HG	ETV5	0.372542317	5.92E-16
MIR181A2HG	RUNX1	0.220846229	3.16E-06
MIR181A2HG	LONRF2	0.400618694	0
MIR181A2HG	SPOCK1	0.266463887	1.63E-08
MIR181A2HG	XKRX	0.48055881	0
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MIR181A2HG	TNFRSF10C	0.212315576	7.58E-06
MIR181A2HG	PALM	0.594676994	0
MIR181A2HG	TSC22D1	0.49930287	0
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MIR181A2HG	UBE2QL1	0.50677868	0
MIR181A2HG	ECE1	0.435724093	0
MIR181A2HG	COL8A2	0.359128354	1.05E-14
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MIR181A2HG	TNFRSF21	0.217560146	4.45E-06
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MIR181A2HG	TPD52L1	0.542790702	0
MIR181A2HG	INHBB	0.58990148	0
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MIR181A2HG	MMP7	0.208873888	1.02E-05
MIR181A2HG	RAB27A	0.429852036	0
MIR181A2HG	IGF2BP2	0.45787111	0
MIR181A2HG	ITGB4	0.282224687	2.07E-09
MIR181A2HG	PPP1R1B	0.518560098	0
MIR181A2HG	NPDC1	0.534501599	0
MIR181A2HG	CCL13	0.232128391	8.78E-07
MIR181A2HG	SPINT1	0.349457047	6.34E-14
MIR181A2HG	HEY2	0.471499672	0
MIR181A2HG	CST2	0.294827609	2.97E-10
MIR181A2HG	ADM	0.385997697	0
MIR181A2HG	VSTM2L	0.240667542	3.63E-07
MIR181A2HG	FAM84A	0.239915096	3.95E-07
MIR181A2HG	P4HA2	0.274376271	5.87E-09
MIR181A2HG	LPL	0.374325919	3.75E-16
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MIR181A2HG	GLT1D1	0.486409875	0
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MIR181A2HG	BHLHE40	0.280420944	2.63E-09
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MIR181A2HG	POSTN	0.07031051	0.141303444
MIR181A2HG	ITGA3	0.29306303	4.64E-10
MIR181A2HG	RSP04	0.43912095	0
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MIR181A2HG	ABTB2	0.336472851	6.00E-13
MIR181A2HG	KCNQ3	0.356473589	1.74E-14
MIR181A2HG	ANXA1	0.492868713	0
MIR181A2HG	S100A11	0.371983904	6.79E-16
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MIR181A2HG	KRT80	0.281737051	2.21E-09
MIR181A2HG	CDH6	0.226118599	1.81E-06
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MIR181A2HG	PLEKHN1	0.477331873	0
MIR181A2HG	SYTL1	0.421332588	0
MIR181A2HG	TMEM163	0.368364788	1.57E-15
MIR181A2HG	C4orf48	0.350526499	5.23E-14
MIR181A2HG	B3GNT7	0.344576857	1.50E-13
MIR181A2HG	BAIAP3	0.605851633	0
MIR181A2HG	PHLDA2	0.34149658	2.56E-13
MIR181A2HG	GAP43	0.462898463	1.07E-24
MIR181A2HG	S100A1	0.386681777	0
MIR181A2HG	PTPRE	0.346944261	9.93E-14
MIR181A2HG	CCND1	0.327276415	2.71E-12
MIR181A2HG	ST6GALNAC5	0.2756591	4.27E-09
MIR181A2HG	KRT17	0.317064142	1.35E-11
MIR181A2HG	HPCAL4	0.514139176	0
MIR181A2HG	GABBR2	0.291140995	6.08E-10
MIR181A2HG	DIRAS3	0.471498821	0
MIR181A2HG	SERINC2	0.413846424	0
MIR181A2HG	PTCHD4	0.306313596	6.86E-11
MIR181A2HG	EPS8	0.410782601	0
MIR181A2HG	LY6E	0.420670492	0
MIR181A2HG	UPP1	0.496102316	0
MIR181A2HG	AHNAK2	0.291464951	5.81E-10
MIR181A2HG	PLXNC1	0.435696009	0
MIR181A2HG	TNC	0.100653018	0.035045418
MIR181A2HG	DUSP4	0.274952555	5.44E-09
MIR181A2HG	NRCAM	0.426125123	0
MIR181A2HG	NRP2	0.312903491	2.55E-11
MIR181A2HG	CTSC	0.253350193	8.22E-08
MIR181A2HG	AMIGO2	0.490169694	0
MIR181A2HG	NAB2	0.585001291	0
MIR181A2HG	TBC1D2	0.406918106	0
MIR181A2HG	PHLDA3	0.373496597	4.66E-16
MIR181A2HG	PTP4A3	0.426694599	0

MIR181A2HG	CRABP2	0.255636749	6.23E-08
MIR181A2HG	GOS2	0.295189452	3.44E-10
MIR181A2HG	S100A6	0.393655909	0
MIR181A2HG	FOXQ1	0.378439621	1.08E-16
MIR181A2HG	LRG1	0.397153754	0
MIR181A2HG	LAMP5	0.333500796	9.83E-13
MIR181A2HG	ALDH3B1	0.410326594	0
MIR181A2HG	CDH2	0.286749008	1.12E-09
MIR181A2HG	SCG5	0.370905517	8.79E-16
MIR181A2HG	ZCCHC16	0.482563612	5.48E-27
MIR181A2HG	GRB7	0.560018666	0
MIR181A2HG	TIAM1	0.389419376	0
MIR181A2HG	FXD5	0.32604768	3.30E-12
MIR181A2HG	CLDN9	0.486835954	0
MIR181A2HG	FAM43A	0.502081176	0
MIR181A2HG	CHST2	0.451892533	0
MIR181A2HG	HMGA2	0.346622007	1.05E-13
MIR181A2HG	GALNT7	0.359695703	9.40E-15
MIR181A2HG	CBLN1	0.321060545	7.26E-12
MIR181A2HG	STRA6	0.403992715	0
MIR181A2HG	MUC21	0.29824824	1.81E-10
MIR181A2HG	PRR36	0.479845937	0
MIR181A2HG	NFE2L3	0.130420093	0.006241517
MIR181A2HG	NR1D1	0.380268895	5.16E-17
MIR181A2HG	MUC1	0.283671993	1.70E-09
MIR181A2HG	NAT8L	0.453729182	0
MIR181A2HG	APOC1	0.433561786	0
MIR181A2HG	EVA1A	0.430834541	0
MIR181A2HG	ENTPD1	0.499128411	0
MIR181A2HG	COL1A1	0.183730714	0.000110966
MIR181A2HG	FNDC4	0.282653744	1.95E-09
MIR181A2HG	FRMD3	0.43970149	0
MIR181A2HG	SHROOM4	0.442629292	0
MIR181A2HG	NELL2	0.514488237	0
MIR181A2HG	EPHB3	0.356975692	1.59E-14
MIR181A2HG	TMC6	0.418243234	0
MIR181A2HG	NOD1	0.611093649	0
MIR181A2HG	GGCT	0.591555301	0
MIR181A2HG	ICAM1	0.311647098	3.09E-11
MIR181A2HG	PRSS23	0.30812131	5.24E-11
MIR181A2HG	CFI	0.361858293	6.13E-15
MIR181A2HG	CD55	0.35950635	9.75E-15
MIR181A2HG	RASD2	0.483574835	0
MIR181A2HG	KLK11	0.446148604	7.35E-23
MIR181A2HG	ICAM5	0.622144606	0
MIR181A2HG	ADORA1	0.307762746	5.53E-11
MIR181A2HG	ITGA2	0.263051569	2.50E-08
MIR181A2HG	ABCC3	0.495373982	0
MIR181A2HG	MFGE8	0.360942877	7.36E-15
MIR181A2HG	STK32A	0.418228483	0
MIR181A2HG	CYSLTR2	0.412810304	0

MIR181A2HG	LAD1	0.427320101	0
MIR181A2HG	MGAT3	0.409062825	0
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MIR181A2HG	CYP2S1	0.35850498	1.18E-14
MIR181A2HG	KCNJ2	0.330219819	1.68E-12
MIR181A2HG	FAM20A	0.299990922	1.73E-10
MIR181A2HG	TGFA	0.374491585	3.59E-16
MIR181A2HG	MXRA8	0.514068967	0
MIR181A2HG	C8orf4	0.244688341	2.29E-07
MIR181A2HG	CLDN10	0.395957845	6.26E-18
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MIR181A2HG	APOE	0.4559495	0
MIR181A2HG	SPOCK2	0.377269607	1.60E-16
MIR181A2HG	TENM1	0.493043456	0
MIR181A2HG	SLIT1	0.37882939	9.38E-17
MIR181A2HG	CXCL14	0.30463155	8.79E-11
MIR181A2HG	ECM1	0.221586902	2.93E-06
MIR181A2HG	DUSP5	0.390612084	0
MIR181A2HG	SEZ6L2	0.274876814	5.49E-09
MIR181A2HG	THRSP	0.322467002	5.82E-12
MIR181A2HG	C19orf33	0.392903605	0
MIR181A2HG	MPZL2	0.384191968	0
MIR181A2HG	CTSH	0.5114203	0
MIR181A2HG	CYP1B1	0.309223243	4.45E-11
MIR181A2HG	ALOX5	0.172952652	0.000277131
MIR181A2HG	SYTL5	0.432739075	1.84E-21
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MIR181A2HG	DUSP6	0.470112505	0
MIR181A2HG	ALOX15B	0.289508449	7.63E-10
MIR181A2HG	SDC4	0.521168766	0
MIR181A2HG	MDK	0.477662779	0
MIR181A2HG	KRT19	0.344385803	1.55E-13
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MIR181A2HG	CRLF1	0.403384801	0
MIR181A2HG	CTXN1	0.485683953	0
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MIR181A2HG	GALE	0.543387695	0
MIR181A2HG	PCSK2	0.343905117	1.69E-13
MIR181A2HG	GJB3	0.503976688	0
MIR181A2HG	SLPI	0.260077528	3.62E-08
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MIR181A2HG	KCNN4	0.296763135	2.75E-10
MIR181A2HG	ETV4	0.64536897	4.47E-53
MIR181A2HG	SYT12	0.442309307	0
MIR181A2HG	PVRL4	0.36495091	3.26E-15
MIR181A2HG	PLCD3	0.570565107	0
MIR181A2HG	PLAU	0.190561448	6.05E-05
MIR181A2HG	LRRK2	0.340599319	2.99E-13
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MIR181A2HG	DTX4	0.522754505	0
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MIR181A2HG	PDZK1IP1	0.279619706	2.93E-09
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MIR181A2HG	IGSF1	0.352711217	3.52E-14
MIR181A2HG	B3GNT3	0.337495922	5.05E-13
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MIR181A2HG	KLK10	0.5014283	0
MIR181A2HG	DPP4	0.329236037	1.97E-12
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MIR181A2HG	CLDN16	0.387699175	0
MIR181A2HG	CHI3L1	0.333341087	1.01E-12
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MIR181A2HG	SFTPB	0.300886624	1.52E-10
MIR181A2HG	RXRG	0.539552561	0
MIR181A2HG	DCSTAMP	0.391118361	1.70E-17
MIR181A2HG	CITED1	0.46771872	0
MIR181A2HG	SERPINA1	0.470304269	0
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MIR181A2HG	SLC34A2	0.378524156	1.05E-16
MIR181A2HG	FN1	0.216141066	5.15E-06
MIR181A2HG	ZCCHC12	0.530325913	0
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MIR31HG	DPT	-0.23822389	4.42E-07
MIR31HG	CDH16	-0.454307415	9.64E-24
MIR31HG	CRABP1	-0.391134908	1.69E-17
MIR31HG	SLC26A7	-0.44959414	3.14E-23
MIR31HG	MT1H	-0.524972084	1.84E-32
MIR31HG	SLC26A4	-0.395725784	6.57E-18
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MIR31HG	PKHD1L1	-0.401734112	1.86E-18
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MIR31HG	WSCD2	-0.383398306	8.04E-17
MIR31HG	IPCEF1	-0.3759935	3.44E-16
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MIR31HG	PLA2R1	-0.347150537	7.05E-14
MIR31HG	COL23A1	-0.472770391	7.90E-26
MIR31HG	HGD	-0.470132915	1.60E-25
MIR31HG	TCEAL2	-0.312057273	2.27E-11
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MIR31HG	FAM167A	-0.387684777	3.41E-17
MIR31HG	KIT	-0.379121168	1.87E-16
MIR31HG	SLC4A4	-0.476588386	2.82E-26
MIR31HG	SMOC2	-0.226704436	1.59E-06
MIR31HG	FHL1	-0.364547743	3.03E-15
MIR31HG	OTOS	-0.552235606	2.07E-36
MIR31HG	IGFBPL1	-0.453380214	1.22E-23
MIR31HG	HBB	-0.275946108	4.11E-09
MIR31HG	BEX1	-0.268468127	1.10E-08
MIR31HG	FABP4	-0.42367544	1.50E-20
MIR31HG	LMOD1	-0.342715761	1.52E-13
MIR31HG	SOD3	-0.406001164	7.50E-19
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MIR31HG	CPXM1	-0.202368162	1.93E-05
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MIR31HG	GPC3	-0.261611051	2.65E-08
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MIR31HG	GRIN2C	-0.461432361	1.56E-24
MIR31HG	C11orf74	-0.449765125	3.01E-23
MIR31HG	PPARGC1A	-0.541773496	7.48E-35
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MIR31HG	FCGBP	-0.409472506	3.54E-19
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MIR31HG	LRP2	-0.400229423	2.56E-18
MIR31HG	MAFB	-0.39798895	4.10E-18
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MIR31HG	TBC1D4	-0.265901782	1.54E-08
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MIR31HG	PKNOX2	-0.227098887	1.53E-06
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MIR31HG	WASF3	-0.409054935	3.88E-19
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MIR31HG	ENPP1	-0.48305875	4.78E-27
MIR31HG	SYNE1	-0.332567054	8.50E-13
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MIR31HG	SYNDIG1	-0.273123036	5.98E-09
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MIR31HG	FHDC1	-0.384524698	6.42E-17
MIR31HG	PRR15L	-0.484532588	3.17E-27
MIR31HG	SLC1A1	-0.45524312	7.61E-24
MIR31HG	BTBD11	-0.313643163	1.78E-11
MIR31HG	TRIM58	-0.392201394	1.36E-17
MIR31HG	LRIG1	-0.411030313	2.52E-19
MIR31HG	ROR2	-0.248938104	1.26E-07
MIR31HG	GPR125	-0.356034133	1.45E-14
MIR31HG	FLRT1	-0.317528318	9.69E-12
MIR31HG	PGF	-0.350470822	3.92E-14
MIR31HG	DUSP1	-0.169222049	0.00036916
MIR31HG	PLA2G7	-0.274879912	4.74E-09
MIR31HG	PLSCR4	-0.303669756	8.11E-11
MIR31HG	FAM46B	-0.397619179	4.43E-18
MIR31HG	GLDC	-0.301765156	1.08E-10
MIR31HG	ZBTB16	-0.31167275	2.41E-11
MIR31HG	OMD	-0.100364526	0.035537046
MIR31HG	HSD11B2	-0.233475922	7.56E-07
MIR31HG	FGL2	-0.071076917	0.137051302
MIR31HG	CLCNKA	-0.413254559	1.55E-19
MIR31HG	GATM	-0.451411651	1.99E-23
MIR31HG	TNS3	-0.334689789	5.97E-13
MIR31HG	TOB1	-0.21176826	7.63E-06
MIR31HG	MARC2	-0.476248826	3.09E-26
MIR31HG	LRRC2	-0.521449109	5.61E-32
MIR31HG	SORD	-0.328610472	1.63E-12
MIR31HG	RIMS4	-0.264759419	1.78E-08

MIR31HG	SLC29A4	-0.331069233	1.09E-12
MIR31HG	SLC39A14	-0.461498174	1.54E-24
MIR31HG	FAXDC2	-0.450779834	2.33E-23
MIR31HG	HSPB8	-0.372563574	6.67E-16
MIR31HG	CCL19	0.013842509	0.772413247
MIR31HG	KCNIP3	-0.305176926	6.47E-11
MIR31HG	CGNL1	-0.321393331	5.25E-12
MIR31HG	ATF3	-0.019211314	0.688117455
MIR31HG	SGCD	-0.321855226	4.88E-12
MIR31HG	STARD13	-0.311374394	2.52E-11
MIR31HG	LDHD	-0.555622696	6.30E-37
MIR31HG	RCAN1	-0.242732835	2.63E-07
MIR31HG	ID3	-0.37253159	6.71E-16
MIR31HG	SYTL3	-0.402769103	1.50E-18
MIR31HG	MT1E	-0.479321532	1.34E-26
MIR31HG	CAMK1D	-0.31354572	1.80E-11
MIR31HG	PRKCQ	-0.503493487	1.36E-29
MIR31HG	NUAK2	-0.429115433	4.29E-21
MIR31HG	LIPG	-0.263961935	1.97E-08
MIR31HG	SLC25A25	-0.305582866	6.09E-11
MIR31HG	PRKX	-0.233273732	7.73E-07
MIR31HG	SRPX	0.040940393	0.392158417
MIR31HG	FAM189A1	-0.236484092	5.39E-07
MIR31HG	PLEKHH1	-0.282032091	1.80E-09
MIR31HG	WNT11	-0.269174622	1.01E-08
MIR31HG	SNAI1	-0.227085483	1.53E-06
MIR31HG	FDCSP	0.018332863	0.701680345
MIR31HG	MT1X	-0.402856475	1.47E-18
MIR31HG	ACACB	-0.423223129	1.66E-20
MIR31HG	ARC	-0.0113025	0.813319358
MIR31HG	KLK4	-0.379959274	1.59E-16
MIR31HG	ZFPM2	-0.095691619	0.045086546
MIR31HG	AKAP12	-0.182766723	0.000117658
MIR31HG	GJB6	-0.313697461	1.76E-11
MIR31HG	ERO1LB	-0.381283985	1.22E-16
MIR31HG	DNALI1	-0.227473765	1.47E-06
MIR31HG	HKDC1	-0.304130658	7.57E-11
MIR31HG	ZFP36L2	-0.296533959	2.32E-10
MIR31HG	CAPSL	-0.245598266	1.88E-07
MIR31HG	CYP7B1	-0.34435945	1.15E-13
MIR31HG	CPQ	-0.180199243	0.000147081
MIR31HG	RPS6KA6	-0.30434371	7.33E-11
MIR31HG	TLE1	-0.410567637	2.79E-19
MIR31HG	TP53INP2	-0.338814933	2.97E-13
MIR31HG	KATNAL2	-0.396507453	5.58E-18
MIR31HG	SGPP2	-0.284649994	1.25E-09
MIR31HG	CTH	-0.509751732	2.08E-30
MIR31HG	KIF12	-0.278963782	2.74E-09
MIR31HG	TMEM220	-0.4605741	1.95E-24
MIR31HG	CENPJ	-0.372699384	6.50E-16
MIR31HG	FAM155B	-0.017366569	0.716709498

MIR31HG	WFS1	-0.441478242	2.29E-22
MIR31HG	SELENBP1	-0.273501105	5.69E-09
MIR31HG	SNTA1	-0.624002352	9.46E-49
MIR31HG	FRAS1	-0.283583798	1.45E-09
MIR31HG	FBLN7	-0.496962558	9.23E-29
MIR31HG	AGPAT9	-0.364696035	2.95E-15
MIR31HG	GPR83	-0.226351543	1.66E-06
MIR31HG	PRTG	-0.314800703	1.49E-11
MIR31HG	EGR3	0.020500266	0.668397299
MIR31HG	GRAMD2	-0.306115822	5.62E-11
MIR31HG	HYOU1	-0.337378753	3.79E-13
MIR31HG	FBLN5	-0.11084743	0.020176312
MIR31HG	ITM2A	-0.209664307	9.43E-06
MIR31HG	SRF	-0.192782256	4.78E-05
MIR31HG	FGFR2	-0.221535435	2.77E-06
MIR31HG	MT1A	-0.235396629	6.09E-07
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MIR31HG	FHL2	-0.244813172	2.06E-07
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MIR31HG	PKIA	-0.092635294	0.052432771
MIR31HG	DNAJB4	-0.195672134	3.66E-05
MIR31HG	SLC25A33	-0.423914377	1.42E-20
MIR31HG	EYA2	-0.415633025	9.16E-20
MIR31HG	LPAR1	-0.32157999	5.10E-12
MIR31HG	STX11	-0.384001245	7.13E-17
MIR31HG	ARHGEF28	-0.472750321	7.95E-26
MIR31HG	OR2W3	-0.374889858	4.26E-16
MIR31HG	ALDH1B1	-0.474051382	5.60E-26
MIR31HG	CXCL12	-0.092267012	0.053381811
MIR31HG	OLFM2	-0.149278	0.001710386
MIR31HG	TUB	-0.31016792	3.04E-11
MIR31HG	HTRA3	-0.191987042	5.15E-05
MIR31HG	CKB	-0.439397409	3.79E-22
MIR31HG	RGS2	-0.082710679	0.083450475
MIR31HG	SHANK2	-0.274436172	5.03E-09
MIR31HG	CNTFR	-0.289424706	6.43E-10
MIR31HG	CYTH3	-0.313363884	1.86E-11
MIR31HG	PLAC9	-0.132614664	0.005386459
MIR31HG	WWOX	-0.346172848	8.36E-14
MIR31HG	NPR3	-0.159361474	0.000805457
MIR31HG	SDC2	-0.106089192	0.026232392
MIR31HG	KLF15	-0.403565523	1.26E-18
MIR31HG	TMEM164	-0.345200478	9.91E-14
MIR31HG	LONRF3	-0.132545518	0.005410813
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MIR31HG	TMEM119	-0.037312107	0.435497952
MIR31HG	SH3RF1	-0.342673493	1.54E-13
MIR31HG	CRELD2	-0.34414414	1.19E-13
MIR31HG	PCP4	-0.142887491	0.002693589
MIR31HG	GCSH	-0.379531222	1.73E-16

MIR31HG	IMPA2	-0.393657928	1.01E-17
MIR31HG	C1R	-0.021899072	0.647251919
MIR31HG	SUCNR1	-0.138413	0.0036631
MIR31HG	SFRP1	-0.21196038	7.49E-06
MIR31HG	UGT8	-0.447865702	4.81E-23
MIR31HG	TLE4	0.024601582	0.607204064
MIR31HG	ANTXR1	-0.179550406	0.000155541
MIR31HG	GPX3	-0.406654328	6.52E-19
MIR31HG	DPY19L2	-0.353714798	2.20E-14
MIR31HG	FAM46C	-0.319753259	6.82E-12
MIR31HG	IL33	-0.099514865	0.037132935
MIR31HG	PEG3	-0.309023642	3.62E-11
MIR31HG	FAHD2A	-0.510841615	1.49E-30
MIR31HG	PTGDS	-0.010545652	0.825612513
MIR31HG	CHCHD10	-0.544460403	3.01E-35
MIR31HG	CD36	-0.317870927	9.18E-12
MIR31HG	ANKRD37	-0.237097541	5.02E-07
MIR31HG	TSPAN33	-0.358935995	8.55E-15
MIR31HG	PRDM16	-0.274547302	4.95E-09
MIR31HG	UST	-0.272196196	6.76E-09
MIR31HG	NEXN	-0.348437717	5.62E-14
MIR31HG	NUPR1L	-0.170027784	0.000345691
MIR31HG	SLC24A3	-0.495169939	1.55E-28
MIR31HG	MARC1	-0.17769708	0.000182288
MIR31HG	MYH11	-0.118600435	0.012895134
MIR31HG	APOA1	-0.362549189	4.40E-15
MIR31HG	TMEM178B	-0.234689629	6.60E-07
MIR31HG	CAPNG	-0.013601206	0.776274309
MIR31HG	PPM1L	-0.325158065	2.87E-12
MIR31HG	FZD8	-0.371321641	8.46E-16
MIR31HG	RCAN2	-0.286566296	9.60E-10
MIR31HG	COPZ2	-0.576867328	2.64E-40
MIR31HG	GAS1	-0.228124021	1.37E-06
MIR31HG	DACT1	-0.309319446	3.46E-11
MIR31HG	WBSCR17	-0.237956796	4.55E-07
MIR31HG	NCS1	-0.191349125	5.46E-05
MIR31HG	SPIRE2	-0.427123177	6.80E-21
MIR31HG	C15orf52	-0.521241813	5.99E-32
MIR31HG	SPAG5	-0.397263166	4.77E-18
MIR31HG	ARL4D	-0.362872353	4.14E-15
MIR31HG	FAM189A2	-0.235490517	6.03E-07
MIR31HG	MAP1LC3A	-0.397558189	4.48E-18
MIR31HG	KLF6	-0.061965743	0.195020137
MIR31HG	ADD3	-0.135991117	0.004310757
MIR31HG	TSPAN7	-0.217111083	4.41E-06
MIR31HG	KLF9	-0.16597474	0.000479614
MIR31HG	KCNQ1	-0.42341993	1.59E-20
MIR31HG	MAN1A1	-0.100173698	0.035890299
MIR31HG	MLF1	-0.228772504	1.27E-06
MIR31HG	RARB	-0.321924798	4.82E-12
MIR31HG	CDC42EP2	-0.425873939	9.07E-21

MIR31HG	FAM3B	-0.253939877	6.89E-08
MIR31HG	GADD45B	-0.222249518	2.57E-06
MIR31HG	TMEM47	-0.113585258	0.0172751
MIR31HG	SDF2L1	-0.301170784	1.18E-10
MIR31HG	CCDC85A	-0.186265227	8.64E-05
MIR31HG	CRYBG3	-0.254907425	6.12E-08
MIR31HG	FBLN2	-0.036334489	0.447629865
MIR31HG	PEBP4	-0.365941231	2.34E-15
MIR31HG	CDADC1	-0.305709811	5.97E-11
MIR31HG	FAM63A	-0.427020344	6.97E-21
MIR31HG	GLUL	-0.31334814	1.86E-11
MIR31HG	FREM2	-0.526629669	1.08E-32
MIR31HG	ACKR3	-0.237166546	4.98E-07
MIR31HG	DENND6A	-0.384624765	6.30E-17
MIR31HG	CLDN8	-0.314615888	1.53E-11
MIR31HG	UTS2R	-0.030893943	0.518532884
MIR31HG	SCNN1B	-0.215028831	5.47E-06
MIR31HG	TTC30A	-0.442484299	1.80E-22
MIR31HG	CORO2B	-0.217246751	4.35E-06
MIR31HG	TC2N	-0.394005573	9.37E-18
MIR31HG	ALDH2	-0.444733424	1.04E-22
MIR31HG	GPR183	-0.068659998	0.150951012
MIR31HG	C4orf47	-0.230514062	1.05E-06
MIR31HG	SLC25A42	-0.288953145	6.87E-10
MIR31HG	LGMN	-0.4840736	3.60E-27
MIR31HG	ACSF2	-0.491913694	3.95E-28
MIR31HG	KIAA1467	-0.408876432	4.03E-19
MIR31HG	PRKG1	-0.273335155	5.82E-09
MIR31HG	GNAI1	-0.391143567	1.69E-17
MIR31HG	ABCC4	-0.22555179	1.81E-06
MIR31HG	PRPS1	-0.424922916	1.13E-20
MIR31HG	TSPAN5	-0.359594265	7.58E-15
MIR31HG	CR2	-0.102378442	0.031985752
MIR31HG	CCDC170	-0.383596936	7.73E-17
MIR31HG	RRAD	0.001581351	0.973643849
MIR31HG	SCGB2A1	-0.491819442	4.06E-28
MIR31HG	SESN3	-0.032834282	0.492600737
MIR31HG	SGK223	-0.169759969	0.000353333
MIR31HG	NDRG2	-0.373315599	5.77E-16
MIR31HG	C3orf52	-0.24232115	2.75E-07
MIR31HG	FLRT3	0.348799191	5.27E-14
MIR31HG	MST1R	0.424269113	1.31E-20
MIR31HG	SDC1	0.112147163	0.018750034
MIR31HG	ST8SIA4	0.304583476	7.07E-11
MIR31HG	UBTD1	0.410256303	2.99E-19
MIR31HG	EPHA2	0.504465999	1.02E-29
MIR31HG	TMEM130	0.703363386	9.02E-67
MIR31HG	SPINK2	0.196078429	3.52E-05
MIR31HG	MMP16	0.364330731	3.16E-15
MIR31HG	SIGLEC15	0.495952104	1.24E-28
MIR31HG	RIN1	0.59199385	7.28E-43

MIR31HG	IL1RN	0.147066818	0.002005467
MIR31HG	FCER1G	0.274307312	5.11E-09
MIR31HG	CD276	0.49464145	1.81E-28
MIR31HG	CTSB	0.101329039	0.033796472
MIR31HG	FAM171A2	0.513659794	6.32E-31
MIR31HG	ASPHD1	0.254825017	6.18E-08
MIR31HG	C15orf48	0.026625326	0.577957509
MIR31HG	DYSF	0.435007382	1.08E-21
MIR31HG	PDZRN4	0.655153868	3.56E-55
MIR31HG	EFHD2	0.458118105	3.66E-24
MIR31HG	ASF1B	0.195802057	3.61E-05
MIR31HG	AQP1	0.362746189	4.24E-15
MIR31HG	ARRDC2	0.423789063	1.46E-20
MIR31HG	PRSS1	0.483732159	3.96E-27
MIR31HG	MAPK13	0.405535368	8.29E-19
MIR31HG	CST5	0.302518298	9.63E-11
MIR31HG	AHR	0.505529783	7.41E-30
MIR31HG	BAX	0.263040272	2.21E-08
MIR31HG	C1orf115	0.398255535	3.88E-18
MIR31HG	PLK3	0.500078029	3.72E-29
MIR31HG	JAG2	0.416989635	6.77E-20
MIR31HG	RAD23B	0.508364344	3.16E-30
MIR31HG	CA12	0.15543781	0.001085484
MIR31HG	ADTRP	0.457086872	4.76E-24
MIR31HG	UCP2	0.395139426	7.42E-18
MIR31HG	IGFBP2	0.334536604	6.12E-13
MIR31HG	LOXL2	0.291845292	4.56E-10
MIR31HG	GPX1	0.304913604	6.73E-11
MIR31HG	P3H3	0.423750767	1.47E-20
MIR31HG	C2orf81	0.553332226	1.41E-36
MIR31HG	CDT1	0.190874465	5.70E-05
MIR31HG	SNX25	0.545816516	1.90E-35
MIR31HG	MTHFD1L	0.278880168	2.77E-09
MIR31HG	CDC42BPG	0.470791201	1.34E-25
MIR31HG	MSN	0.416372852	7.77E-20
MIR31HG	SIGLEC6	0.364777121	2.91E-15
MIR31HG	F2R	0.227618865	1.44E-06
MIR31HG	TMEM184A	0.396268669	5.87E-18
MIR31HG	CKS2	0.099818323	0.036556114
MIR31HG	TAX1BP3	0.373785366	5.28E-16
MIR31HG	PMEPA1	0.426796169	7.34E-21
MIR31HG	CXCL16	0.327580728	1.93E-12
MIR31HG	FAXC	0.476328964	3.03E-26
MIR31HG	VTCN1	0.250396337	1.06E-07
MIR31HG	SH2D4A	0.422383449	2.01E-20
MIR31HG	RNF24	0.532090005	1.85E-33
MIR31HG	LY6G6C	0.304926477	6.72E-11
MIR31HG	NID1	0.31895542	7.74E-12
MIR31HG	STAC	0.361958775	4.91E-15
MIR31HG	RAB34	0.541998876	6.93E-35
MIR31HG	HES4	0.310902428	2.71E-11

MIR31HG	EPHA10	0.385913221	4.86E-17
MIR31HG	ENTPD2	0.625801141	4.21E-49
MIR31HG	DDB2	0.374178116	4.89E-16
MIR31HG	NKAIN4	0.454048561	1.03E-23
MIR31HG	TRIM29	0.466038975	4.71E-25
MIR31HG	ADCY8	0.460757754	1.86E-24
MIR31HG	SFTA2	0.040860396	0.39308494
MIR31HG	NRIP1	0.587552832	4.24E-42
MIR31HG	VWA1	0.410737701	2.69E-19
MIR31HG	APLNR	0.262461502	2.38E-08
MIR31HG	REN	0.461735087	1.45E-24
MIR31HG	EDIL3	0.31871465	8.04E-12
MIR31HG	AGRN	0.495286671	1.50E-28
MIR31HG	TREM1	0.333407928	7.39E-13
MIR31HG	SRL	0.298175875	1.83E-10
MIR31HG	RASGRF1	0.636303462	3.37E-51
MIR31HG	RMI2	0.339412567	2.69E-13
MIR31HG	SAMD1	0.365328561	2.62E-15
MIR31HG	MGAT4B	0.485533893	2.40E-27
MIR31HG	NXN	0.462349982	1.23E-24
MIR31HG	SH3BGRL3	0.335528122	5.18E-13
MIR31HG	CA11	0.42449804	1.24E-20
MIR31HG	PLD3	0.512218649	9.82E-31
MIR31HG	LURAP1L	0.234011998	7.12E-07
MIR31HG	CARNS1	0.368992732	1.32E-15
MIR31HG	PDLIM7	0.527170639	9.11E-33
MIR31HG	BCL2L1	0.359393068	7.86E-15
MIR31HG	GGT6	0.304366819	7.31E-11
MIR31HG	DPYSL3	0.319832688	6.73E-12
MIR31HG	FYN	0.591654219	8.34E-43
MIR31HG	TK1	0.114877189	0.016037594
MIR31HG	AK1	0.309657516	3.28E-11
MIR31HG	HIGD1B	0.323482321	3.76E-12
MIR31HG	TMEM59L	0.485740977	2.26E-27
MIR31HG	MEGF9	0.398937279	3.36E-18
MIR31HG	ZFP36L1	0.341707009	1.81E-13
MIR31HG	ADRA1B	0.486656186	1.75E-27
MIR31HG	EPHA4	0.442112258	1.97E-22
MIR31HG	TCERG1L	0.37645965	3.15E-16
MIR31HG	NGFR	0.512218436	9.82E-31
MIR31HG	EBI3	0.298691527	1.69E-10
MIR31HG	S100A10	0.311454461	2.49E-11
MIR31HG	S100B	0.332624486	8.42E-13
MIR31HG	CD44	0.443822398	1.30E-22
MIR31HG	BHLHE41	0.453046263	1.32E-23
MIR31HG	FBXO2	0.54945005	5.44E-36
MIR31HG	SLC30A2	-0.033476028	0.484179011
MIR31HG	FRMD5	0.241817767	2.92E-07
MIR31HG	SAMD11	0.387484431	3.55E-17
MIR31HG	SIPAIL2	0.675160822	1.02E-59
MIR31HG	S100A16	0.306860614	5.02E-11

MIR31HG	PPL	0.384167125	6.90E-17
MIR31HG	ARHGDIB	0.334464479	6.20E-13
MIR31HG	CDC42EP3	0.323745785	3.60E-12
MIR31HG	RUNX2	0.646294386	2.85E-53
MIR31HG	LAMC2	0.278226933	3.02E-09
MIR31HG	BRINP1	0.577642685	1.97E-40
MIR31HG	GPRC5B	0.384356549	6.64E-17
MIR31HG	AQP5	0.512781675	8.27E-31
MIR31HG	PLAG1	0.570140308	3.30E-39
MIR31HG	PTPRU	0.426141658	8.53E-21
MIR31HG	ANGPTL4	0.272457603	6.53E-09
MIR31HG	PALM3	0.41254578	1.81E-19
MIR31HG	ACP5	0.283507773	1.47E-09
MIR31HG	DLG4	0.557499141	3.24E-37
MIR31HG	ETNK2	0.528377822	6.18E-33
MIR31HG	CD109	0.582630417	2.90E-41
MIR31HG	SNX22	0.431154212	2.67E-21
MIR31HG	TMEM98	0.426943255	7.09E-21
MIR31HG	CTHRC1	0.305576767	6.09E-11
MIR31HG	S100A2	0.275268193	4.50E-09
MIR31HG	C11orf80	0.430681537	2.98E-21
MIR31HG	SREBF1	0.405419699	8.50E-19
MIR31HG	PRSS22	0.43072345	2.95E-21
MIR31HG	CMTM3	0.385826771	4.95E-17
MIR31HG	RDH5	0.5192097	1.13E-31
MIR31HG	MYH10	0.583542151	2.04E-41
MIR31HG	EVPL	0.434986744	1.08E-21
MIR31HG	SCD	0.354099888	2.05E-14
MIR31HG	CD151	0.568460663	6.13E-39
MIR31HG	S100A4	0.410735999	2.69E-19
MIR31HG	BNIP1	0.446483988	6.76E-23
MIR31HG	MAP3K6	0.407194943	5.80E-19
MIR31HG	MANEAL	0.20985288	9.26E-06
MIR31HG	CD207	0.400620258	2.36E-18
MIR31HG	CD1A	0.386686378	4.16E-17
MIR31HG	C3	0.43682156	7.01E-22
MIR31HG	NT5E	0.49804315	6.74E-29
MIR31HG	CACNG4	0.401533482	1.94E-18
MIR31HG	FHOD1	0.313374025	1.85E-11
MIR31HG	LEMD1	0.497241908	8.51E-29
MIR31HG	ATP11A	0.485996214	2.11E-27
MIR31HG	PPAP2C	0.429768739	3.69E-21
MIR31HG	DRAM1	0.480394678	9.97E-27
MIR31HG	CDA	0.344222789	1.17E-13
MIR31HG	CCND2	0.50612607	6.20E-30
MIR31HG	LCN6	0.52416114	2.38E-32
MIR31HG	CDH4	0.367397906	1.78E-15
MIR31HG	MMP11	0.359928861	7.13E-15
MIR31HG	B3GAT1	0.297958579	1.89E-10
MIR31HG	SPP1	0.15046022	0.001569483
MIR31HG	HLA-DQB1	0.195774115	3.62E-05

MIR31HG	SDC3	0.649434253	6.13E-54
MIR31HG	CX3CL1	0.345657835	9.15E-14
MIR31HG	SDK1	0.634386167	8.24E-51
MIR31HG	DOCK9	0.477257435	2.35E-26
MIR31HG	CSF2	0.423304054	1.63E-20
MIR31HG	GRHL3	0.50931707	2.37E-30
MIR31HG	TMEM92	0.438167232	5.08E-22
MIR31HG	BASP1	0.415841527	8.74E-20
MIR31HG	HRH1	0.453939913	1.06E-23
MIR31HG	ESM1	0.121475491	0.010853593
MIR31HG	B4GALNT3	0.346034273	8.57E-14
MIR31HG	LMO3	0.246917764	1.60E-07
MIR31HG	C9orf16	0.347825261	6.26E-14
MIR31HG	SEMA3F	0.664444255	3.05E-57
MIR31HG	PLA2G12B	0.332566342	8.50E-13
MIR31HG	KLK6	0.470510507	1.45E-25
MIR31HG	ST3GAL5	0.608553928	7.95E-46
MIR31HG	FAM132B	0.232779143	8.17E-07
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MIR31HG	E2F1	0.168970216	0.000376794
MIR31HG	B3GNT8	0.398204757	3.92E-18
MIR31HG	MTMR11	0.541066008	9.49E-35
MIR31HG	MYO1G	0.344461644	1.13E-13
MIR31HG	TMSB10	0.395129426	7.43E-18
MIR31HG	UNC5CL	0.365945202	2.34E-15
MIR31HG	ABR	0.46415409	7.71E-25
MIR31HG	PLP2	0.397832361	4.23E-18
MIR31HG	SRCIN1	0.34288008	1.48E-13
MIR31HG	PDE9A	0.330821868	1.14E-12
MIR31HG	TREM2	0.27001565	9.01E-09
MIR31HG	KDEL3	0.292150173	4.36E-10
MIR31HG	PC	0.400765074	2.29E-18
MIR31HG	C2CD4A	0.205534269	1.42E-05
MIR31HG	PELI1	0.452932651	1.36E-23
MIR31HG	SSX1	0.420213824	3.29E-20
MIR31HG	MROH6	0.481104932	8.20E-27
MIR31HG	ESPN	0.606517348	1.88E-45
MIR31HG	BMP1	0.588183018	3.31E-42
MIR31HG	TM4SF4	0.540879804	1.01E-34
MIR31HG	CORO2A	0.636781172	2.69E-51
MIR31HG	CD164L2	0.403571104	1.26E-18
MIR31HG	CTSS	0.229047457	1.23E-06
MIR31HG	CLU	0.617376959	1.78E-47
MIR31HG	TMSB4X	0.430921881	2.82E-21
MIR31HG	WNT10A	0.53928589	1.72E-34
MIR31HG	NAPSA	0.42750309	6.23E-21
MIR31HG	PLEKHA4	0.516650234	2.51E-31
MIR31HG	SFTPA1	0.258732007	3.81E-08
MIR31HG	C1orf116	0.400624158	2.36E-18
MIR31HG	TM4SF1	0.332083729	9.21E-13
MIR31HG	SEL1L3	0.434048486	1.35E-21

MIR31HG	VASN	0.487133542	1.53E-27
MIR31HG	NPTXR	0.414484705	1.18E-19
MIR31HG	PDE4C	0.27977786	2.45E-09
MIR31HG	CDC42EP1	0.481336411	7.69E-27
MIR31HG	ENDOD1	0.487161697	1.52E-27
MIR31HG	RYR1	0.559680751	1.49E-37
MIR31HG	IL1RAP	0.595099818	2.09E-43
MIR31HG	SLC35F2	0.572416118	1.41E-39
MIR31HG	ISYNA1	0.630706748	4.52E-50
MIR31HG	HLA-G	0.228504359	1.31E-06
MIR31HG	CDKN2B	0.347907243	6.17E-14
MIR31HG	ALDH1A3	0.336530775	4.38E-13
MIR31HG	CLIP3	0.622054846	2.26E-48
MIR31HG	ULBP2	0.405965066	7.56E-19
MIR31HG	ETHE1	0.298943857	1.63E-10
MIR31HG	XPR1	0.516770229	2.42E-31
MIR31HG	SPTBN2	0.420392186	3.16E-20
MIR31HG	IVL	0.445440187	8.74E-23
MIR31HG	MARCO	0.20472331	1.54E-05
MIR31HG	PLXND1	0.564066665	3.06E-38
MIR31HG	EMILIN2	0.463178458	9.94E-25
MIR31HG	PLAUR	0.370611174	9.69E-16
MIR31HG	CDC42EP5	0.463882257	8.28E-25
MIR31HG	TRPC5	0.632367415	2.10E-50
MIR31HG	TMEM100	0.556249975	5.05E-37
MIR31HG	QSOX1	0.524378772	2.22E-32
MIR31HG	ARHGAP23	0.653251751	9.23E-55
MIR31HG	MDF1	0.500372768	3.41E-29
MIR31HG	FSTL3	0.376605247	3.06E-16
MIR31HG	INF2	0.529505647	4.29E-33
MIR31HG	TGFBR1	0.501889583	2.18E-29
MIR31HG	TGFBI	0.365347	2.61E-15
MIR31HG	ERBB3	0.334678796	5.98E-13
MIR31HG	CCL18	0.25408668	6.76E-08
MIR31HG	CCL17	0.270343802	8.63E-09
MIR31HG	C16orf45	0.589538493	1.94E-42
MIR31HG	PRDM1	0.455616083	6.92E-24
MIR31HG	TRIM47	0.31134014	2.54E-11
MIR31HG	CNFN	0.202261996	1.95E-05
MIR31HG	ARMCX3	0.508580009	2.96E-30
MIR31HG	RAMP1	0.516486199	2.64E-31
MIR31HG	GABRD	0.335349335	5.34E-13
MIR31HG	COL13A1	0.363734019	3.53E-15
MIR31HG	S100A5	0.261133119	2.82E-08
MIR31HG	MISP	0.307759512	4.38E-11
MIR31HG	HES6	0.28907463	6.75E-10
MIR31HG	PSD3	0.476728734	2.72E-26
MIR31HG	DOK7	0.506303935	5.88E-30
MIR31HG	ZMAT3	0.440418571	2.96E-22
MIR31HG	MFAP2	0.531020618	2.63E-33
MIR31HG	TMEM79	0.517685509	1.82E-31

MIR31HG	SLC1A5	0.392952355	1.16E-17
MIR31HG	BBC3	0.389242016	2.48E-17
MIR31HG	HLA-DQB2	0.291671399	4.67E-10
MIR31HG	C1QL1	0.560080734	1.29E-37
MIR31HG	TMEM215	0.391048689	1.72E-17
MIR31HG	PNP	0.333389773	7.41E-13
MIR31HG	ARNTL	0.566112606	1.45E-38
MIR31HG	CLDN2	0.468674021	2.35E-25
MIR31HG	MVP	0.459858102	2.34E-24
MIR31HG	LGALS1	0.441450797	2.31E-22
MIR31HG	BIRC7	0.421597753	2.40E-20
MIR31HG	COL8A1	0.514692445	4.60E-31
MIR31HG	PERP	0.353737989	2.19E-14
MIR31HG	GJA4	0.465599986	5.29E-25
MIR31HG	IGFL2	0.514426703	4.99E-31
MIR31HG	DAPK2	0.282572919	1.67E-09
MIR31HG	MAMLD1	0.48006065	1.09E-26
MIR31HG	ETV5	0.527898977	7.21E-33
MIR31HG	RUNX1	0.435442541	9.73E-22
MIR31HG	LONRF2	0.451082516	2.16E-23
MIR31HG	SPOCK1	0.494618544	1.82E-28
MIR31HG	XKRX	0.488145343	1.15E-27
MIR31HG	TGFB1	0.471402719	1.14E-25
MIR31HG	ERP27	0.246504873	1.69E-07
MIR31HG	TNFRSF10C	0.348166452	5.90E-14
MIR31HG	PALM	0.514437633	4.98E-31
MIR31HG	TSC22D1	0.754216905	7.43E-82
MIR31HG	TGM2	0.330537908	1.19E-12
MIR31HG	UBE2QL1	0.426130027	8.55E-21
MIR31HG	ECE1	0.627613333	1.86E-49
MIR31HG	COL8A2	0.552644312	1.79E-36
MIR31HG	HIST3H2A	0.335464224	5.24E-13
MIR31HG	TNFRSF21	0.432840949	1.80E-21
MIR31HG	SOX4	0.487474662	1.39E-27
MIR31HG	ELF3	0.341301849	1.94E-13
MIR31HG	TPD52L1	0.414533781	1.17E-19
MIR31HG	INHBB	0.584614943	1.34E-41
MIR31HG	HPN	0.397718253	4.34E-18
MIR31HG	MMP7	0.299918099	1.41E-10
MIR31HG	RAB27A	0.561824703	6.89E-38
MIR31HG	IGF2BP2	0.530987854	2.65E-33
MIR31HG	ITGB4	0.564246728	2.87E-38
MIR31HG	PPP1R1B	0.559974498	1.34E-37
MIR31HG	NPDC1	0.486547254	1.81E-27
MIR31HG	CCL13	0.389243537	2.48E-17
MIR31HG	SPINT1	0.330697334	1.16E-12
MIR31HG	HEY2	0.607995087	1.01E-45
MIR31HG	CST2	0.272836806	6.21E-09
MIR31HG	ADM	0.314073996	1.66E-11
MIR31HG	VSTM2L	0.23123701	9.70E-07
MIR31HG	FAM84A	0.398212274	3.91E-18

MIR31HG	P4HA2	0.3777708	2.44E-16
MIR31HG	LPL	0.494105658	2.11E-28
MIR31HG	TMEM173	0.55415517	1.06E-36
MIR31HG	DHRS3	0.468235335	2.64E-25
MIR31HG	SCN1B	0.461246837	1.64E-24
MIR31HG	GLT1D1	0.523041311	3.40E-32
MIR31HG	PHYHIP	0.541622084	7.87E-35
MIR31HG	BHLHE40	0.371578509	8.05E-16
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MIR31HG	POSTN	0.179589907	0.000155013
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MIR31HG	ADAMTS9	0.581181046	5.08E-41
MIR31HG	ABTB2	0.462675075	1.13E-24
MIR31HG	KCNQ3	0.431961553	2.21E-21
MIR31HG	ANXA1	0.571366213	2.09E-39
MIR31HG	S100A11	0.42264287	1.90E-20
MIR31HG	CEACAM6	0.333945922	6.76E-13
MIR31HG	IER5L	0.479524644	1.27E-26
MIR31HG	KRT80	0.299108531	1.59E-10
MIR31HG	CDH6	0.468615177	2.39E-25
MIR31HG	UNC5B	0.542181918	6.52E-35
MIR31HG	PLEKHN1	0.519265655	1.11E-31
MIR31HG	SYTL1	0.454305217	9.64E-24
MIR31HG	TMEM163	0.450057028	2.80E-23
MIR31HG	C4orf48	0.387074519	3.85E-17
MIR31HG	B3GNT7	0.524261046	2.31E-32
MIR31HG	BAIAP3	0.602485533	1.01E-44
MIR31HG	PHLDA2	0.422414086	2.00E-20
MIR31HG	GAP43	0.502311146	1.93E-29
MIR31HG	S100A1	0.135509506	0.004451264
MIR31HG	PTPRE	0.484655136	3.07E-27
MIR31HG	CCND1	0.479555281	1.26E-26
MIR31HG	ST6GALNAC5	0.342402258	1.61E-13
MIR31HG	KRT17	0.419972983	3.47E-20
MIR31HG	HPCAL4	0.581130126	5.18E-41
MIR31HG	GABBR2	0.368943869	1.33E-15
MIR31HG	DIRAS3	0.569502037	4.17E-39
MIR31HG	SERINC2	0.240953335	3.23E-07
MIR31HG	PTCHD4	0.540005557	1.35E-34
MIR31HG	EPS8	0.610637741	3.28E-46
MIR31HG	LY6E	0.466805963	3.85E-25
MIR31HG	UPP1	0.33536125	5.33E-13
MIR31HG	AHNAK2	0.36709877	1.88E-15
MIR31HG	PLXNC1	0.56777282	7.90E-39
MIR31HG	TNC	0.400931308	2.21E-18
MIR31HG	DUSP4	0.54178924	7.44E-35
MIR31HG	NRCAM	0.557100151	3.73E-37
MIR31HG	NRP2	0.606061835	2.28E-45
MIR31HG	CTSC	0.462431964	1.21E-24
MIR31HG	AMIGO2	0.716631973	2.19E-70

MIR31HG	NAB2	0.49023029	6.38E-28
MIR31HG	TBC1D2	0.466412434	4.27E-25
MIR31HG	PHLDA3	0.34959859	4.58E-14
MIR31HG	PTP4A3	0.326737076	2.22E-12
MIR31HG	CRABP2	0.326868773	2.17E-12
MIR31HG	GOS2	0.52468422	2.02E-32
MIR31HG	S100A6	0.326706014	2.23E-12
MIR31HG	FOXQ1	0.310900371	2.71E-11
MIR31HG	LRG1	0.461205846	1.66E-24
MIR31HG	LAMP5	0.511326701	1.29E-30
MIR31HG	ALDH3B1	0.381369229	1.20E-16
MIR31HG	CDH2	0.385978396	4.80E-17
MIR31HG	SCG5	0.507835856	3.71E-30
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MIR31HG	GRB7	0.46167845	1.47E-24
MIR31HG	TIAM1	0.591435221	9.10E-43
MIR31HG	FXYD5	0.443718006	1.33E-22
MIR31HG	CLDN9	0.406760848	6.37E-19
MIR31HG	FAM43A	0.436670999	7.27E-22
MIR31HG	CHST2	0.589948901	1.64E-42
MIR31HG	HMGA2	0.64139743	3.02E-52
MIR31HG	GALNT7	0.544106872	3.40E-35
MIR31HG	CBLN1	0.258985479	3.69E-08
MIR31HG	STRA6	0.520191786	8.33E-32
MIR31HG	MUC21	0.375665076	3.67E-16
MIR31HG	PRR36	0.55330322	1.42E-36
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MIR31HG	NR1D1	0.151550954	0.001449013
MIR31HG	MUC1	0.187255611	7.91E-05
MIR31HG	NAT8L	0.641375303	3.05E-52
MIR31HG	APOC1	0.501272801	2.62E-29
MIR31HG	EVA1A	0.469722861	1.78E-25
MIR31HG	ENTPD1	0.448938352	3.69E-23
MIR31HG	COL1A1	0.342363152	1.62E-13
MIR31HG	FNDC4	0.398064125	4.03E-18
MIR31HG	FRMD3	0.372997031	6.14E-16
MIR31HG	SHROOM4	0.599938903	2.90E-44
MIR31HG	NELL2	0.690643996	1.72E-63
MIR31HG	EPHB3	0.413257807	1.55E-19
MIR31HG	TMC6	0.482078295	6.27E-27
MIR31HG	NOD1	0.58853655	2.88E-42
MIR31HG	GGCT	0.440966562	2.59E-22
MIR31HG	ICAM1	0.4316071	2.40E-21
MIR31HG	PRSS23	0.547537791	1.05E-35
MIR31HG	CFI	0.518554125	1.39E-31
MIR31HG	CD55	0.380525932	1.42E-16
MIR31HG	RASD2	0.614969259	5.08E-47
MIR31HG	KLK11	0.494083855	2.12E-28
MIR31HG	ICAM5	0.580010457	7.96E-41
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MIR31HG	ITGA2	0.396045841	6.14E-18

MIR31HG	ABCC3	0.484316782	3.37E-27
MIR31HG	MFGE8	0.529151265	4.81E-33
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MIR31HG	CYSLTR2	0.652717802	1.20E-54
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MIR31HG	MGAT3	0.428938986	4.47E-21
MIR31HG	IGFBP6	0.565486179	1.83E-38
MIR31HG	CYP2S1	0.411095204	2.49E-19
MIR31HG	KCNJ2	0.597118881	9.20E-44
MIR31HG	FAM20A	0.56501939	2.17E-38
MIR31HG	TGFA	0.608913558	6.83E-46
MIR31HG	MXRA8	0.498120665	6.59E-29
MIR31HG	C8orf4	0.467192259	3.48E-25
MIR31HG	CLDN10	0.57498379	5.39E-40
MIR31HG	PDE5A	0.564966556	2.21E-38
MIR31HG	APOE	0.563717956	3.48E-38
MIR31HG	SPOCK2	0.474497552	4.97E-26
MIR31HG	TENM1	0.451564127	1.92E-23
MIR31HG	SLIT1	0.474789951	4.59E-26
MIR31HG	CXCL14	0.482304952	5.89E-27
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MIR31HG	DUSP5	0.388048024	3.16E-17
MIR31HG	SEZ6L2	0.265956602	1.52E-08
MIR31HG	THRSP	0.194497503	4.08E-05
MIR31HG	C19orf33	0.370009356	1.09E-15
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MIR31HG	CTSH	0.520300718	8.05E-32
MIR31HG	CYP1B1	0.516593073	2.56E-31
MIR31HG	ALOX5	0.299747511	1.45E-10
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MIR31HG	TNFRSF12A	0.532828201	1.46E-33
MIR31HG	DUSP6	0.582720555	2.80E-41
MIR31HG	ALOX15B	0.302912979	9.08E-11
MIR31HG	SDC4	0.587624532	4.12E-42
MIR31HG	MDK	0.596712161	1.09E-43
MIR31HG	KRT19	0.350365437	4.00E-14
MIR31HG	MET	0.469651871	1.82E-25
MIR31HG	TESC	0.516034019	3.04E-31
MIR31HG	CXCL17	0.26782671	1.20E-08
MIR31HG	NPC2	0.498013364	6.80E-29
MIR31HG	COMP	0.456116345	6.10E-24
MIR31HG	TUSC3	0.680359112	5.84E-61
MIR31HG	TMPRSS4	0.421312005	2.57E-20
MIR31HG	LGALS3	0.374125281	4.94E-16
MIR31HG	CRLF1	0.469662013	1.81E-25
MIR31HG	CTXN1	0.548665119	7.14E-36
MIR31HG	PCSK1N	0.485553538	2.39E-27
MIR31HG	NMU	0.163898468	0.000565581
MIR31HG	GALE	0.502040073	2.09E-29
MIR31HG	PCSK2	0.138717881	0.003588149
MIR31HG	GJB3	0.589832098	1.72E-42

MIR31HG	SLPI	0.364198113	3.24E-15
MIR31HG	AGR2	0.431849289	2.27E-21
MIR31HG	MRC2	0.58752716	4.29E-42
MIR31HG	GOLT1A	0.436876735	6.92E-22
MIR31HG	SLC27A6	0.490288532	6.28E-28
MIR31HG	KCNN4	0.488829995	9.49E-28
MIR31HG	ETV4	0.527058039	9.44E-33
MIR31HG	SYT12	0.557204757	3.60E-37
MIR31HG	PVRL4	0.417147429	6.54E-20
MIR31HG	PLCD3	0.52925814	4.65E-33
MIR31HG	PLAU	0.45942656	2.62E-24
MIR31HG	LRRK2	0.541602368	7.92E-35
MIR31HG	SFN	0.362391523	4.53E-15
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MIR31HG	NGEF	0.427459829	6.30E-21
MIR31HG	DTX4	0.412256218	1.93E-19
MIR31HG	CST6	0.463649005	8.80E-25
MIR31HG	QPCT	0.52795472	7.08E-33
MIR31HG	TIMP1	0.563096351	4.35E-38
MIR31HG	CAMK2N1	0.615113579	4.77E-47
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AC018816.3	HTRA3	-0.270785948	9.35E-09
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AC018816.3	KLF15	-0.425133114	0
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AC018816.3	ABR	0.327171739	2.75E-12
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AC018816.3	SRCIN1	0.483890422	0
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AC018816.3	KDEL3	0.365766616	2.75E-15
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AC018816.3	SSX1	0.320894737	7.45E-12
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AC018816.3	ESPN	0.683753266	0
AC018816.3	BMP1	0.566974217	0
AC018816.3	TM4SF4	0.401283627	2.05E-18
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AC018816.3	CD164L2	0.649713299	5.34E-54
AC018816.3	CTSS	0.32829126	2.30E-12
AC018816.3	CLU	0.547637844	0
AC018816.3	TMSB4X	0.566310703	0
AC018816.3	WNT10A	0.516270794	2.83E-31
AC018816.3	NAPSA	0.428490683	0
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AC018816.3	SFTPA1	0.230035402	1.11E-06
AC018816.3	C1orf116	0.437497624	0
AC018816.3	TM4SF1	0.358060604	1.29E-14
AC018816.3	SEL1L3	0.30572483	7.48E-11
AC018816.3	VASN	0.639665179	0
AC018816.3	NPTXR	0.479953591	0
AC018816.3	PDE4C	0.430307049	0
AC018816.3	CDC42EP1	0.586127052	0
AC018816.3	ENDOD1	0.466641892	0
AC018816.3	RYR1	0.533241092	0
AC018816.3	IL1RAP	0.365785622	2.74E-15
AC018816.3	SLC35F2	0.491145764	4.92E-28
AC018816.3	ISYNA1	0.689250731	0
AC018816.3	HLA-G	0.346977593	9.87E-14
AC018816.3	CDKN2B	0.355234641	2.20E-14
AC018816.3	ALDH1A3	0.24772394	1.60E-07
AC018816.3	CLIP3	0.473574466	0
AC018816.3	ULBP2	0.414618728	0
AC018816.3	ETHE1	0.567578869	0
AC018816.3	XPR1	0.29654428	2.83E-10
AC018816.3	SPTBN2	0.412126082	0
AC018816.3	IVL	0.4618965	1.39E-24
AC018816.3	MARCO	0.395760772	0
AC018816.3	PLXND1	0.411593909	0
AC018816.3	EMILIN2	0.442185341	0
AC018816.3	PLAUR	0.430914396	0
AC018816.3	CDC42EP5	0.619447147	0
AC018816.3	TRPC5	0.501928927	2.16E-29
AC018816.3	TMEM100	0.434537483	0
AC018816.3	QSOX1	0.476644814	0
AC018816.3	ARHGAP23	0.423567941	0
AC018816.3	MDF1	0.367560288	1.87E-15
AC018816.3	FSTL3	0.50991087	0
AC018816.3	INF2	0.625231265	0
AC018816.3	TGFBR1	0.538261134	0
AC018816.3	TGFBI	0.333600791	9.67E-13
AC018816.3	ERBB3	0.465893418	0
AC018816.3	CCL18	0.259594856	3.84E-08
AC018816.3	CCL17	0.440469908	2.92E-22
AC018816.3	C16orf45	0.533775818	0
AC018816.3	PRDM1	0.344168792	1.61E-13
AC018816.3	TRIM47	0.573616308	0
AC018816.3	CNFN	0.552165144	0
AC018816.3	ARMCX3	0.552767668	0
AC018816.3	RAMP1	0.595098109	0
AC018816.3	GABRD	0.402826105	0
AC018816.3	COL13A1	0.512249055	0
AC018816.3	S100A5	0.560097244	0
AC018816.3	MISP	0.342778079	2.05E-13
AC018816.3	HES6	0.459149913	0
AC018816.3	PSD3	0.354320501	2.61E-14

AC018816.3	DOK7	0.483276977	0
AC018816.3	ZMAT3	0.209852007	9.70E-06
AC018816.3	MFAP2	0.496440881	0
AC018816.3	TMEM79	0.639837795	0
AC018816.3	SLC1A5	0.490278767	0
AC018816.3	BBC3	0.501340077	0
AC018816.3	HLA-DQB2	0.428681454	0
AC018816.3	C1QL1	0.559722226	0
AC018816.3	TMEM215	0.359640773	7.51E-15
AC018816.3	PNP	0.415450177	0
AC018816.3	ARNTL	0.468232596	0
AC018816.3	CLDN2	0.576120959	3.50E-40
AC018816.3	MVP	0.605717455	0
AC018816.3	LGALS1	0.576054488	0
AC018816.3	BIRC7	0.545909662	1.84E-35
AC018816.3	COL8A1	0.44025125	0
AC018816.3	PERP	0.389846589	0
AC018816.3	GJA4	0.404829129	0
AC018816.3	IGFL2	0.505811803	6.81E-30
AC018816.3	DAPK2	0.514683973	0
AC018816.3	MAMLD1	0.484192252	0
AC018816.3	ETV5	0.391315029	0
AC018816.3	RUNX1	0.368733423	1.45E-15
AC018816.3	LONRF2	0.420230939	0
AC018816.3	SPOCK1	0.280260243	2.69E-09
AC018816.3	XKRX	0.397204106	0
AC018816.3	TGFB1	0.442714819	0
AC018816.3	ERP27	0.24716425	1.71E-07
AC018816.3	TNFRSF10C	0.244943506	2.22E-07
AC018816.3	PALM	0.620257321	0
AC018816.3	TSC22D1	0.544792875	0
AC018816.3	TGM2	0.280922622	2.46E-09
AC018816.3	UBE2QL1	0.574914969	0
AC018816.3	ECE1	0.536806877	0
AC018816.3	COL8A2	0.442733116	0
AC018816.3	HIST3H2A	0.507870684	0
AC018816.3	TNFRSF21	0.297311619	2.54E-10
AC018816.3	SOX4	0.385779409	0
AC018816.3	ELF3	0.414175912	0
AC018816.3	TPD52L1	0.57020243	0
AC018816.3	INHBB	0.493588252	0
AC018816.3	HPN	0.533724331	0
AC018816.3	MMP7	0.330377489	1.22E-12
AC018816.3	RAB27A	0.480157553	0
AC018816.3	IGF2BP2	0.497147655	0
AC018816.3	ITGB4	0.43873104	0
AC018816.3	PPP1R1B	0.64457629	0
AC018816.3	NPDC1	0.63264339	0
AC018816.3	CCL13	0.45607923	6.15E-24
AC018816.3	SPINT1	0.514023153	0
AC018816.3	HEY2	0.592383346	0

AC018816.3	CST2	0.370350392	1.02E-15
AC018816.3	ADM	0.42741811	0
AC018816.3	VSTM2L	0.315803919	1.64E-11
AC018816.3	FAM84A	0.397008371	0
AC018816.3	P4HA2	0.481187999	0
AC018816.3	LPL	0.385026112	0
AC018816.3	TMEM173	0.50816372	0
AC018816.3	DHRS3	0.671862634	0
AC018816.3	SCN1B	0.614862546	0
AC018816.3	GLT1D1	0.402268401	0
AC018816.3	PHYHIP	0.609255866	0
AC018816.3	BHLHE40	0.414853894	0
AC018816.3	BID	0.699212237	0
AC018816.3	POSTN	0.253106517	8.46E-08
AC018816.3	ITGA3	0.464429942	0
AC018816.3	RSPO4	0.512123387	0
AC018816.3	ADAMTS9	0.477884471	0
AC018816.3	ABTB2	0.431807544	0
AC018816.3	KCNQ3	0.38919811	0
AC018816.3	ANXA1	0.55139823	0
AC018816.3	S100A11	0.633665752	0
AC018816.3	CEACAM6	0.341498601	1.88E-13
AC018816.3	IER5L	0.634529682	0
AC018816.3	KRT80	0.312020555	2.92E-11
AC018816.3	CDH6	0.372694367	5.70E-16
AC018816.3	UNC5B	0.330360096	1.65E-12
AC018816.3	PLEKHN1	0.600822939	0
AC018816.3	SYTL1	0.576385962	0
AC018816.3	TMEM163	0.435047104	0
AC018816.3	C4orf48	0.500269349	0
AC018816.3	B3GNT7	0.478104744	0
AC018816.3	BAIAP3	0.595004922	0
AC018816.3	PHLDA2	0.606542663	0
AC018816.3	GAP43	0.539234451	1.75E-34
AC018816.3	S100A1	0.467744109	0
AC018816.3	PTPRE	0.466649977	0
AC018816.3	CCND1	0.317030952	1.36E-11
AC018816.3	ST6GALNAC5	0.377176971	2.74E-16
AC018816.3	KRT17	0.350155595	5.60E-14
AC018816.3	HPCAL4	0.646060474	0
AC018816.3	GABBR2	0.459431318	0
AC018816.3	DIRAS3	0.567621278	0
AC018816.3	SERINC2	0.476409365	0
AC018816.3	PTCHD4	0.29262759	4.93E-10
AC018816.3	EPS8	0.414418879	0
AC018816.3	LY6E	0.610726575	0
AC018816.3	UPP1	0.519317224	0
AC018816.3	AHNAK2	0.369642031	1.18E-15
AC018816.3	PLXNC1	0.559593013	0
AC018816.3	TNC	0.276648502	4.35E-09
AC018816.3	DUSP4	0.425922154	0

AC018816.3	NRCAM	0.380980917	3.58E-17
AC018816.3	NRP2	0.548584607	0
AC018816.3	CTSC	0.560426589	0
AC018816.3	AMIGO2	0.529544533	0
AC018816.3	NAB2	0.632006542	0
AC018816.3	TBC1D2	0.45590085	0
AC018816.3	PHLDA3	0.522066454	0
AC018816.3	PTP4A3	0.584632656	0
AC018816.3	CRABP2	0.561088685	0
AC018816.3	GOS2	0.568400247	0
AC018816.3	S100A6	0.619579623	0
AC018816.3	FOXQ1	0.366518636	2.34E-15
AC018816.3	LRG1	0.550342111	0
AC018816.3	LAMP5	0.490912921	0
AC018816.3	ALDH3B1	0.458016776	0
AC018816.3	CDH2	0.18940505	6.71E-05
AC018816.3	SCG5	0.517017619	0
AC018816.3	ZCCHC16	0.570592766	2.79E-39
AC018816.3	GRB7	0.579538717	0
AC018816.3	TIAM1	0.372366014	6.19E-16
AC018816.3	FXD5	0.623230085	0
AC018816.3	CLDN9	0.533655966	0
AC018816.3	FAM43A	0.612820658	0
AC018816.3	CHST2	0.528919173	0
AC018816.3	HMGA2	0.549859865	0
AC018816.3	GALNT7	0.473862253	0
AC018816.3	CBLN1	0.449397901	0
AC018816.3	STRA6	0.526888632	0
AC018816.3	MUC21	0.482822124	5.10E-27
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AC018816.3	NFE2L3	0.389478522	0
AC018816.3	NR1D1	0.344918968	1.42E-13
AC018816.3	MUC1	0.392366467	0
AC018816.3	NAT8L	0.481721874	0
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AC018816.3	EVA1A	0.485362124	0
AC018816.3	ENTPD1	0.398898635	0
AC018816.3	COL1A1	0.427969006	0
AC018816.3	FNDC4	0.468426062	0
AC018816.3	FRMD3	0.40560512	0
AC018816.3	SHROOM4	0.490404576	0
AC018816.3	NELL2	0.500207791	0
AC018816.3	EPHB3	0.512541665	0
AC018816.3	TMC6	0.608177052	0
AC018816.3	NOD1	0.584278063	0
AC018816.3	GGCT	0.728020634	0
AC018816.3	ICAM1	0.413539773	0
AC018816.3	PRSS23	0.45607687	0
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AC018816.3	CD55	0.372646426	5.77E-16
AC018816.3	RASD2	0.528385014	0

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AC018816.3	STK32A	0.338392758	4.34E-13
AC018816.3	CYSLTR2	0.444555724	0
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AC018816.3	CYP2S1	0.424234434	0
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AC018816.3	APOE	0.535327374	0
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AC018816.3	DUSP5	0.466978897	0
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AC018816.3	C19orf33	0.493960149	0
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AC018816.3	ALOX15B	0.492613831	0
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AC018816.3	MET	0.452031817	0
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AC018816.3	CXCL17	0.551065926	3.11E-36
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AC018816.3	CRLF1	0.35341714	3.09E-14
AC018816.3	CTXN1	0.623384262	0
AC018816.3	PCSK1N	0.402185285	0

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AC018816.3	PCSK2	0.261600859	2.99E-08
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AC018816.3	SLPI	0.36675593	2.23E-15
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AC018816.3	SLC27A6	0.370783479	9.37E-16
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AC018816.3	ETV4	0.507017552	4.74E-30
AC018816.3	SYT12	0.670388662	0
AC018816.3	PVRL4	0.593350959	0
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AC018816.3	LRRK2	0.417288386	0
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AC018816.3	B3GNT3	0.387342313	0
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AC018816.3	GDF15	0.449004303	0
AC018816.3	ARHGAP36	0.331311956	1.05E-12
AC018816.3	LAMB3	0.470944947	0
AC018816.3	KLK10	0.616982585	0
AC018816.3	DPP4	0.373676163	4.45E-16
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AC018816.3	RXRG	0.652861139	0

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AC018816.3	SERPINA1	0.658534198	0
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CTC-255N20.1	CCL21	-0.372065096	7.34E-16
CTC-255N20.1	TPO	-0.382161428	1.56E-17
CTC-255N20.1	MT1G	-0.346034517	1.17E-13
CTC-255N20.1	DIO1	-0.318282381	1.12E-11
CTC-255N20.1	DPT	-0.366417423	2.14E-15
CTC-255N20.1	CDH16	-0.423135764	0
CTC-255N20.1	CRABP1	-0.386677796	4.17E-17
CTC-255N20.1	SLC26A7	-0.333759223	9.42E-13
CTC-255N20.1	MT1H	-0.359952195	7.10E-15
CTC-255N20.1	SLC26A4	-0.303977822	9.68E-11
CTC-255N20.1	SLC5A8	-0.383927096	7.24E-17
CTC-255N20.1	PKHD1L1	-0.329580251	1.39E-12
CTC-255N20.1	TFCP2L1	-0.441130641	0
CTC-255N20.1	WSCD2	-0.342297972	1.64E-13
CTC-255N20.1	IPCEF1	-0.324059833	4.53E-12
CTC-255N20.1	SLC5A5	-0.339794279	2.52E-13
CTC-255N20.1	MT1F	-0.364379307	3.67E-15
CTC-255N20.1	FOSB	-0.199366839	2.68E-05
CTC-255N20.1	SEMA3D	-0.312177651	2.23E-11
CTC-255N20.1	BMP8A	-0.274453856	5.81E-09
CTC-255N20.1	MATN2	-0.380349742	4.96E-17
CTC-255N20.1	PLA2R1	-0.288006961	9.39E-10
CTC-255N20.1	COL23A1	-0.337020342	5.47E-13
CTC-255N20.1	HGD	-0.339142368	3.83E-13
CTC-255N20.1	TCEAL2	-0.218428615	4.07E-06
CTC-255N20.1	CHRD1	-0.282421922	1.71E-09
CTC-255N20.1	TNFRSF11B	-0.301366601	1.42E-10
CTC-255N20.1	FAM167A	-0.345179665	1.35E-13
CTC-255N20.1	KIT	-0.363253262	4.63E-15
CTC-255N20.1	SLC4A4	-0.384635351	0
CTC-255N20.1	SMOC2	-0.282479994	2.00E-09
CTC-255N20.1	FHL1	-0.267997714	1.34E-08
CTC-255N20.1	OTOS	-0.340447127	3.07E-13
CTC-255N20.1	IGFBPL1	-0.451997273	1.72E-23
CTC-255N20.1	HBB	-0.32681587	2.92E-12
CTC-255N20.1	BEX1	-0.239640216	4.08E-07
CTC-255N20.1	FABP4	-0.409598602	3.45E-19
CTC-255N20.1	LMOD1	-0.327349461	2.68E-12
CTC-255N20.1	SOD3	-0.393454358	0
CTC-255N20.1	TMEM171	-0.439365194	0
CTC-255N20.1	PI16	-0.322705004	5.61E-12
CTC-255N20.1	ZMAT4	-0.34621853	8.30E-14
CTC-255N20.1	MFAP4	-0.280128476	2.74E-09

CTC-255N20.1	CWH43	-0.43381498	1.43E-21
CTC-255N20.1	SPX	-0.337178207	5.33E-13
CTC-255N20.1	APOD	-0.306184666	6.99E-11
CTC-255N20.1	DPP6	-0.37526559	2.90E-16
CTC-255N20.1	MMRN1	-0.358740004	1.13E-14
CTC-255N20.1	WDR72	-0.370142575	1.05E-15
CTC-255N20.1	MPPED2	-0.361895029	6.09E-15
CTC-255N20.1	PAPSS2	-0.436544479	0
CTC-255N20.1	DCN	-0.288213618	9.12E-10
CTC-255N20.1	SORBS2	-0.271144796	8.93E-09
CTC-255N20.1	EGR2	-0.165669599	0.000499528
CTC-255N20.1	EDN3	-0.160785833	0.000721551
CTC-255N20.1	DIO2	-0.391314887	0
CTC-255N20.1	ITPR1	-0.279081576	3.15E-09
CTC-255N20.1	CFD	-0.314895168	1.89E-11
CTC-255N20.1	CPXM1	-0.33677312	5.70E-13
CTC-255N20.1	ELMO1	-0.34755487	8.91E-14
CTC-255N20.1	GPC3	-0.391343836	1.62E-17
CTC-255N20.1	MYOC	-0.248577595	1.32E-07
CTC-255N20.1	DEPTOR	-0.403706346	0
CTC-255N20.1	DGKI	-0.325498912	3.60E-12
CTC-255N20.1	CARTPT	-0.222844839	2.41E-06
CTC-255N20.1	IYD	-0.297057731	2.63E-10
CTC-255N20.1	LYVE1	-0.316302476	1.52E-11
CTC-255N20.1	CLCNKB	-0.335130646	7.50E-13
CTC-255N20.1	NCAM1	-0.490743567	0
CTC-255N20.1	HBA2	-0.314163998	2.11E-11
CTC-255N20.1	GLT8D2	-0.34672881	1.03E-13
CTC-255N20.1	OGDHL	-0.452108693	0
CTC-255N20.1	LIFR	-0.402897874	0
CTC-255N20.1	CSGALNACT1	-0.300303106	1.65E-10
CTC-255N20.1	RAP1GAP	-0.40766885	0
CTC-255N20.1	COL9A3	-0.312296145	2.80E-11
CTC-255N20.1	FBLN1	-0.344316302	1.57E-13
CTC-255N20.1	EFEMP1	-0.310164191	3.86E-11
CTC-255N20.1	AOX1	-0.401359878	2.02E-18
CTC-255N20.1	GRIN2C	-0.268620095	1.24E-08
CTC-255N20.1	C11orf74	-0.390565136	0
CTC-255N20.1	PPARGC1A	-0.43174003	0
CTC-255N20.1	ANGPTL1	-0.271005086	9.09E-09
CTC-255N20.1	SCARA5	-0.354245507	2.00E-14
CTC-255N20.1	LTF	-0.347882939	8.40E-14
CTC-255N20.1	CA4	-0.260605042	3.01E-08
CTC-255N20.1	TG	-0.251460497	1.03E-07
CTC-255N20.1	FCGBP	-0.364882545	3.31E-15
CTC-255N20.1	PBX4	-0.336037411	6.45E-13
CTC-255N20.1	CYR61	-0.241164823	3.43E-07
CTC-255N20.1	FOS	-0.218240255	4.15E-06
CTC-255N20.1	KHDRBS2	-0.335932735	6.57E-13
CTC-255N20.1	MUM1L1	-0.294780252	3.64E-10
CTC-255N20.1	RGS16	-0.355170247	2.23E-14

CTC-255N20.1	MT1M	-0.387883705	0
CTC-255N20.1	LRP2	-0.226318022	1.77E-06
CTC-255N20.1	MAFB	-0.327965034	2.42E-12
CTC-255N20.1	KCNK2	-0.361736313	6.28E-15
CTC-255N20.1	TBC1D4	-0.281100628	2.40E-09
CTC-255N20.1	MIOX	-0.342777098	1.51E-13
CTC-255N20.1	TPPP	-0.369818193	1.13E-15
CTC-255N20.1	FMOD	-0.384994057	0
CTC-255N20.1	CITED2	-0.396299327	0
CTC-255N20.1	RGS8	-0.402584762	1.56E-18
CTC-255N20.1	ABI3BP	-0.378536212	1.04E-16
CTC-255N20.1	ADH1B	-0.335115993	5.55E-13
CTC-255N20.1	OGN	-0.319805653	6.76E-12
CTC-255N20.1	NR4A1	-0.147713444	0.001933073
CTC-255N20.1	FOXJ1	-0.296619822	2.29E-10
CTC-255N20.1	ALDH1A1	-0.233115708	8.47E-07
CTC-255N20.1	OCA2	-0.302766797	9.28E-11
CTC-255N20.1	TMEM139	-0.34532519	1.32E-13
CTC-255N20.1	ARHGAP24	-0.336418244	6.05E-13
CTC-255N20.1	SLC25A15	-0.371135435	8.33E-16
CTC-255N20.1	DES	-0.349334513	4.80E-14
CTC-255N20.1	GDF10	-0.353490722	2.29E-14
CTC-255N20.1	KIAA1324	-0.211771773	8.01E-06
CTC-255N20.1	JUN	-0.245025772	2.20E-07
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CTC-255N20.1	LGI3	-0.372316796	6.26E-16
CTC-255N20.1	CDON	-0.299369534	1.89E-10
CTC-255N20.1	BCL2	-0.347632738	8.79E-14
CTC-255N20.1	HLF	-0.288758698	8.46E-10
CTC-255N20.1	EGR1	-0.205669088	1.46E-05
CTC-255N20.1	IP6K3	-0.388961951	0
CTC-255N20.1	SCUBE3	-0.265961783	1.73E-08
CTC-255N20.1	PKNOX2	-0.267815737	1.37E-08
CTC-255N20.1	SMAD9	-0.268083951	1.32E-08
CTC-255N20.1	IQGAP2	-0.372324739	6.25E-16
CTC-255N20.1	GNA14	-0.297914285	2.33E-10
CTC-255N20.1	LAYN	-0.369732665	1.15E-15
CTC-255N20.1	AVPR1A	-0.375005603	3.12E-16
CTC-255N20.1	PDLIM3	-0.401245188	0
CTC-255N20.1	GPM6A	-0.360252413	8.43E-15
CTC-255N20.1	SDPR	-0.216007029	5.22E-06
CTC-255N20.1	CRYAB	-0.460926991	0
CTC-255N20.1	FOXA2	-0.219585874	3.41E-06
CTC-255N20.1	C8orf88	-0.28739465	1.02E-09
CTC-255N20.1	ISM1	-0.153348633	0.001283419
CTC-255N20.1	BMP2	-0.283357966	1.77E-09
CTC-255N20.1	ID4	-0.315002397	1.86E-11
CTC-255N20.1	NUPR1	-0.442524474	0
CTC-255N20.1	SERTM1	-0.429543003	3.89E-21
CTC-255N20.1	IRS1	-0.205182871	1.53E-05
CTC-255N20.1	FIBIN	-0.375596354	2.65E-16

CTC-255N20.1	PODN	-0.299362726	1.89E-10
CTC-255N20.1	TDRD9	-0.359213456	1.03E-14
CTC-255N20.1	EPHA3	-0.312739386	2.62E-11
CTC-255N20.1	AIF1L	-0.412124238	0
CTC-255N20.1	EBF4	-0.324680228	4.10E-12
CTC-255N20.1	ADM2	-0.428763719	0
CTC-255N20.1	GSTM3	-0.373311074	4.88E-16
CTC-255N20.1	HSD17B6	-0.216302476	5.06E-06
CTC-255N20.1	AGR3	-0.28931169	6.53E-10
CTC-255N20.1	EPHB1	-0.433476683	0
CTC-255N20.1	TMOD1	-0.274631153	5.67E-09
CTC-255N20.1	WASF3	-0.237766547	5.04E-07
CTC-255N20.1	SELV	-0.312632816	2.08E-11
CTC-255N20.1	ENPP1	-0.234296077	7.43E-07
CTC-255N20.1	SYNE1	-0.23688908	5.14E-07
CTC-255N20.1	PLCH1	-0.286225061	1.20E-09
CTC-255N20.1	CCDC146	-0.297255452	2.56E-10
CTC-255N20.1	SLC16A2	-0.20622509	1.39E-05
CTC-255N20.1	IER2	-0.287704706	9.79E-10
CTC-255N20.1	KCNAB1	-0.109012331	0.022391659
CTC-255N20.1	SYNDIG1	-0.401882888	0
CTC-255N20.1	C16orf89	-0.25845406	4.42E-08
CTC-255N20.1	CTGF	-0.144687916	0.002394977
CTC-255N20.1	NR4A3	-0.17135585	0.00031598
CTC-255N20.1	KIAA1456	-0.28324407	1.80E-09
CTC-255N20.1	AQP4	-0.20330906	1.84E-05
CTC-255N20.1	RNF150	-0.373201292	5.02E-16
CTC-255N20.1	C1S	-0.238861388	4.46E-07
CTC-255N20.1	PFKFB2	-0.324063237	4.52E-12
CTC-255N20.1	PROX1	-0.274918373	5.46E-09
CTC-255N20.1	TCF7L1	-0.329945506	1.76E-12
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CTC-255N20.1	FHDC1	-0.360193267	8.53E-15
CTC-255N20.1	PRR15L	-0.347446506	9.08E-14
CTC-255N20.1	SLC1A1	-0.319687136	9.00E-12
CTC-255N20.1	BTBD11	-0.304845724	8.52E-11
CTC-255N20.1	TRIM58	-0.269321196	1.13E-08
CTC-255N20.1	LRIG1	-0.402575762	0
CTC-255N20.1	ROR2	-0.349008558	6.88E-14
CTC-255N20.1	GPR125	-0.288092631	9.28E-10
CTC-255N20.1	FLRT1	-0.323545815	4.91E-12
CTC-255N20.1	PGF	-0.338986205	3.93E-13
CTC-255N20.1	DUSP1	-0.214807655	5.89E-06
CTC-255N20.1	PLA2G7	-0.371585626	7.48E-16
CTC-255N20.1	PLSCR4	-0.213743451	6.57E-06
CTC-255N20.1	FAM46B	-0.40352834	0
CTC-255N20.1	GLDC	-0.367685105	1.82E-15
CTC-255N20.1	ZBTB16	-0.237825552	5.01E-07
CTC-255N20.1	OMD	-0.279107534	2.68E-09
CTC-255N20.1	HSD11B2	-0.300971443	1.50E-10
CTC-255N20.1	FGL2	-0.27375233	6.36E-09

CTC-255N20.1	CLCNKA	-0.294126535	3.29E-10
CTC-255N20.1	GATM	-0.290258626	6.87E-10
CTC-255N20.1	TNS3	-0.404299651	0
CTC-255N20.1	TOB1	-0.306252181	6.92E-11
CTC-255N20.1	MARC2	-0.367098466	2.07E-15
CTC-255N20.1	LRRC2	-0.270012226	1.03E-08
CTC-255N20.1	SORD	-0.33235773	1.19E-12
CTC-255N20.1	RIMS4	-0.246678316	1.81E-07
CTC-255N20.1	SLC29A4	-0.359960513	8.92E-15
CTC-255N20.1	SLC39A14	-0.384022615	0
CTC-255N20.1	FAXDC2	-0.324085647	4.51E-12
CTC-255N20.1	HSPB8	-0.367587095	1.86E-15
CTC-255N20.1	CCL19	-0.16416889	0.000553626
CTC-255N20.1	KCNIP3	-0.308673199	4.83E-11
CTC-255N20.1	CGNL1	-0.114694327	0.016249005
CTC-255N20.1	ATF3	-0.107180363	0.024761081
CTC-255N20.1	SGCD	-0.298129594	2.26E-10
CTC-255N20.1	STARD13	-0.30253392	1.20E-10
CTC-255N20.1	LDHD	-0.357382197	1.47E-14
CTC-255N20.1	RCAN1	-0.269379065	1.12E-08
CTC-255N20.1	ID3	-0.378570395	1.03E-16
CTC-255N20.1	SYTL3	-0.453871728	0
CTC-255N20.1	MT1E	-0.248357384	1.49E-07
CTC-255N20.1	CAMK1D	-0.36900036	1.36E-15
CTC-255N20.1	PRKCQ	-0.406165518	0
CTC-255N20.1	NUAK2	-0.452295067	0
CTC-255N20.1	LIPG	-0.145901474	0.002198782
CTC-255N20.1	SLC25A25	-0.317508943	1.26E-11
CTC-255N20.1	PRKX	-0.331401748	1.39E-12
CTC-255N20.1	SRPX	-0.203296153	1.84E-05
CTC-255N20.1	FAM189A1	-0.329877283	1.78E-12
CTC-255N20.1	PLEKHH1	-0.139754678	0.003368052
CTC-255N20.1	WNT11	-0.419927124	0
CTC-255N20.1	SNAI1	-0.338702672	4.12E-13
CTC-255N20.1	FDCSP	-0.131223926	0.005895751
CTC-255N20.1	MT1X	-0.248250723	1.51E-07
CTC-255N20.1	ACACB	-0.321473574	6.81E-12
CTC-255N20.1	ARC	-0.093735905	0.049707469
CTC-255N20.1	KLK4	-0.492613703	3.24E-28
CTC-255N20.1	ZFPM2	-0.176204268	0.000211419
CTC-255N20.1	AKAP12	-0.202524701	1.98E-05
CTC-255N20.1	GJB6	-0.331915671	9.47E-13
CTC-255N20.1	ERO1LB	-0.281391394	2.31E-09
CTC-255N20.1	DNALI1	-0.21414258	6.31E-06
CTC-255N20.1	HKDC1	-0.334352953	8.54E-13
CTC-255N20.1	ZFP36L2	-0.320150943	8.37E-12
CTC-255N20.1	CAPSL	-0.240970451	3.22E-07
CTC-255N20.1	CYP7B1	-0.250792444	1.12E-07
CTC-255N20.1	CPQ	-0.110199083	0.020963916
CTC-255N20.1	RPS6KA6	-0.304139031	7.56E-11
CTC-255N20.1	TLE1	-0.471804906	0

CTC-255N20.1	TP53INP2	-0.291096032	6.11E-10
CTC-255N20.1	KATNAL2	-0.309414156	4.32E-11
CTC-255N20.1	SGPP2	-0.321579527	6.70E-12
CTC-255N20.1	CTH	-0.349197769	6.65E-14
CTC-255N20.1	KIF12	-0.283731423	1.69E-09
CTC-255N20.1	TMEM220	-0.23616322	6.04E-07
CTC-255N20.1	CENPJ	-0.165607191	0.000502005
CTC-255N20.1	FAM155B	-0.083351158	0.08108197
CTC-255N20.1	WFS1	-0.386618801	0
CTC-255N20.1	SELENBP1	-0.252060326	9.59E-08
CTC-255N20.1	SNTA1	-0.437113955	0
CTC-255N20.1	FRAS1	-0.292389587	5.10E-10
CTC-255N20.1	FBLN7	-0.420633473	0
CTC-255N20.1	AGPAT9	-0.21783843	4.32E-06
CTC-255N20.1	GPR83	-0.210640196	8.97E-06
CTC-255N20.1	PRTG	-0.240538045	3.68E-07
CTC-255N20.1	EGR3	-0.089968711	0.059652573
CTC-255N20.1	GRAMD2	-0.342510007	2.15E-13
CTC-255N20.1	HYOU1	-0.327231595	2.73E-12
CTC-255N20.1	FBLN5	-0.303042265	1.11E-10
CTC-255N20.1	ITM2A	-0.247627774	1.62E-07
CTC-255N20.1	SRF	-0.302536332	1.19E-10
CTC-255N20.1	FGFR2	-0.327550019	2.59E-12
CTC-255N20.1	MT1A	-0.307942465	4.26E-11
CTC-255N20.1	MAMDC2	-0.187765129	7.77E-05
CTC-255N20.1	FHL2	-0.42488958	0
CTC-255N20.1	FTCDNL1	-0.456929169	0
CTC-255N20.1	PKIA	-0.151024348	0.001522153
CTC-255N20.1	DNAJB4	-0.155897588	0.001061568
CTC-255N20.1	SLC25A33	-0.420003291	0
CTC-255N20.1	EYA2	-0.430229464	0
CTC-255N20.1	LPAR1	-0.42433216	0
CTC-255N20.1	STX11	-0.319739899	8.93E-12
CTC-255N20.1	ARHGEF28	-0.352985246	3.34E-14
CTC-255N20.1	OR2W3	-0.266852946	1.55E-08
CTC-255N20.1	ALDH1B1	-0.569022436	4.98E-39
CTC-255N20.1	CXCL12	-0.257753952	4.81E-08
CTC-255N20.1	OLFM2	-0.18508384	9.86E-05
CTC-255N20.1	TUB	-0.27820942	3.54E-09
CTC-255N20.1	HTRA3	-0.253175024	8.39E-08
CTC-255N20.1	CKB	-0.429165544	0
CTC-255N20.1	RGS2	-0.262338696	2.73E-08
CTC-255N20.1	SHANK2	-0.237840445	5.00E-07
CTC-255N20.1	CNTFR	-0.206613154	1.28E-05
CTC-255N20.1	CYTH3	-0.35951018	9.74E-15
CTC-255N20.1	PLAC9	-0.275571249	5.01E-09
CTC-255N20.1	WWOX	-0.299180749	1.94E-10
CTC-255N20.1	NPR3	-0.20238102	2.01E-05
CTC-255N20.1	SDC2	-0.115409753	0.015591441
CTC-255N20.1	KLF15	-0.268432444	1.27E-08
CTC-255N20.1	TMEM164	-0.351147746	4.68E-14

CTC-255N20.1	LONRF3	0.026338162	0.581928258
CTC-255N20.1	GBP1	-0.153520823	0.001267183
CTC-255N20.1	ARHGAP6	-0.315394719	1.75E-11
CTC-255N20.1	TMEM119	-0.271607327	8.41E-09
CTC-255N20.1	SH3RF1	-0.282731329	1.93E-09
CTC-255N20.1	CRELD2	-0.347195596	9.49E-14
CTC-255N20.1	PCP4	-0.273320152	6.73E-09
CTC-255N20.1	GCSH	-0.316212977	1.54E-11
CTC-255N20.1	IMPA2	-0.372081063	6.64E-16
CTC-255N20.1	C1R	-0.229524817	1.25E-06
CTC-255N20.1	SUCNR1	-0.232298301	9.27E-07
CTC-255N20.1	SFRP1	-0.249166423	1.35E-07
CTC-255N20.1	UGT8	-0.459815981	0
CTC-255N20.1	TLE4	-0.265698534	1.79E-08
CTC-255N20.1	ANTXR1	-0.211037766	8.62E-06
CTC-255N20.1	GPX3	-0.255463566	6.36E-08
CTC-255N20.1	DPY19L2	-0.188490626	7.28E-05
CTC-255N20.1	FAM46C	-0.336805317	5.67E-13
CTC-255N20.1	IL33	-0.240894774	3.25E-07
CTC-255N20.1	PEG3	-0.230985882	1.07E-06
CTC-255N20.1	FAHD2A	-0.429257312	0
CTC-255N20.1	PTGDS	-0.278022337	3.63E-09
CTC-255N20.1	CHCHD10	-0.426742824	0
CTC-255N20.1	CD36	-0.332094764	1.24E-12
CTC-255N20.1	ANKRD37	-0.246337623	1.89E-07
CTC-255N20.1	TSPAN33	-0.455403144	0
CTC-255N20.1	PRDM16	-0.204096824	1.70E-05
CTC-255N20.1	UST	-0.18761237	7.88E-05
CTC-255N20.1	NEXN	-0.315056437	1.84E-11
CTC-255N20.1	NUPR1L	-0.133081147	0.005224715
CTC-255N20.1	SLC24A3	-0.439605324	0
CTC-255N20.1	MARC1	-0.228680744	1.37E-06
CTC-255N20.1	MYH11	-0.214340159	6.18E-06
CTC-255N20.1	APOA1	-0.309379488	3.43E-11
CTC-255N20.1	TMEM178B	-0.19320898	4.75E-05
CTC-255N20.1	CAPNG	-0.217157057	4.39E-06
CTC-255N20.1	PPM1L	-0.260795082	3.31E-08
CTC-255N20.1	FZD8	-0.34761586	8.81E-14
CTC-255N20.1	RCAN2	-0.268626194	1.23E-08
CTC-255N20.1	COPZ2	-0.421458114	0
CTC-255N20.1	GAS1	-0.325430263	3.64E-12
CTC-255N20.1	DACT1	-0.263625584	2.33E-08
CTC-255N20.1	WBSCR17	-0.165501947	0.000506209
CTC-255N20.1	NCS1	-0.433381369	0
CTC-255N20.1	SPIRE2	-0.436382643	0
CTC-255N20.1	C15orf52	-0.292656383	4.91E-10
CTC-255N20.1	SPAG5	-0.336645892	5.83E-13
CTC-255N20.1	ARL4D	-0.391032347	0
CTC-255N20.1	FAM189A2	-0.130356692	0.006266936
CTC-255N20.1	MAP1LC3A	-0.321926602	6.34E-12
CTC-255N20.1	KLF6	-0.067479866	0.158058918

CTC-255N20.1	ADD3	-0.209654286	9.89E-06
CTC-255N20.1	TSPAN7	-0.26025681	3.54E-08
CTC-255N20.1	KLF9	-0.15755382	0.000936991
CTC-255N20.1	KCNQ1	-0.341087664	2.75E-13
CTC-255N20.1	MAN1A1	-0.193097354	4.80E-05
CTC-255N20.1	MLF1	-0.253194881	8.37E-08
CTC-255N20.1	RARB	-0.322630823	5.67E-12
CTC-255N20.1	CDC42EP2	-0.261077764	3.20E-08
CTC-255N20.1	FAM3B	-0.273278735	6.77E-09
CTC-255N20.1	GADD45B	-0.166057807	0.000484371
CTC-255N20.1	TMEM47	-0.196617468	3.47E-05
CTC-255N20.1	SDF2L1	-0.28661171	1.14E-09
CTC-255N20.1	CCDC85A	-0.210673528	8.94E-06
CTC-255N20.1	CRYBG3	-0.149037493	0.001757877
CTC-255N20.1	FBLN2	-0.240214231	3.82E-07
CTC-255N20.1	PEBP4	-0.122329703	0.010342709
CTC-255N20.1	CDADC1	-0.314309239	2.06E-11
CTC-255N20.1	FAM63A	-0.27147173	8.56E-09
CTC-255N20.1	GLUL	-0.283524057	1.73E-09
CTC-255N20.1	FREM2	-0.262316569	2.74E-08
CTC-255N20.1	ACKR3	-0.289527881	7.61E-10
CTC-255N20.1	DENND6A	-0.345489012	1.28E-13
CTC-255N20.1	CLDN8	-0.320309233	8.17E-12
CTC-255N20.1	UTS2R	-0.237512701	4.79E-07
CTC-255N20.1	SCNN1B	-0.381414088	2.76E-17
CTC-255N20.1	TTC30A	-0.354725162	2.42E-14
CTC-255N20.1	CORO2B	-0.217277748	4.58E-06
CTC-255N20.1	TC2N	-0.381960444	1.86E-17
CTC-255N20.1	ALDH2	-0.406020135	0
CTC-255N20.1	GPR183	-0.114687519	0.016255378
CTC-255N20.1	C4orf47	-0.165757822	0.000496045
CTC-255N20.1	SLC25A42	-0.285798983	1.27E-09
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CTC-255N20.1	KIAA1467	-0.391266946	0
CTC-255N20.1	PRKG1	-0.234105873	7.59E-07
CTC-255N20.1	GNAI1	-0.265139554	1.92E-08
CTC-255N20.1	ABCC4	-0.315650451	1.68E-11
CTC-255N20.1	PRPS1	-0.42276954	0
CTC-255N20.1	TSPAN5	-0.360298227	8.35E-15
CTC-255N20.1	CR2	-0.101097692	0.034207202
CTC-255N20.1	CCDC170	-0.314490081	2.01E-11
CTC-255N20.1	RRAD	-0.177732138	0.000185868
CTC-255N20.1	SCGB2A1	-0.299665406	1.81E-10
CTC-255N20.1	SESN3	-0.180634409	0.00014511
CTC-255N20.1	SGK223	-0.227900073	1.50E-06
CTC-255N20.1	NDRG2	-0.397621533	0
CTC-255N20.1	C3orf52	-0.250474871	1.16E-07
CTC-255N20.1	FLRT3	0.342816091	2.04E-13
CTC-255N20.1	MST1R	0.444327082	0
CTC-255N20.1	SDC1	0.016728697	0.726588608

CTC-255N20.1	ST8SIA4	0.271599384	8.42E-09
CTC-255N20.1	UBTD1	0.342685459	2.09E-13
CTC-255N20.1	EPHA2	0.310721185	3.55E-11
CTC-255N20.1	TMEM130	0.465621374	0
CTC-255N20.1	SPINK2	0.337380892	5.15E-13
CTC-255N20.1	MMP16	0.42048653	0
CTC-255N20.1	SIGLEC15	0.401713251	0
CTC-255N20.1	RIN1	0.395868143	0
CTC-255N20.1	IL1RN	0.137646837	0.003883966
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CTC-255N20.1	CD276	0.373949341	4.14E-16
CTC-255N20.1	CTSB	0.347931022	8.33E-14
CTC-255N20.1	FAM171A2	0.418138558	0
CTC-255N20.1	ASPHD1	0.306329766	6.84E-11
CTC-255N20.1	C15orf48	0.121429605	0.010922098
CTC-255N20.1	DYSF	0.376424116	2.08E-16
CTC-255N20.1	PDZRN4	0.342879209	2.02E-13
CTC-255N20.1	EFHD2	0.500964067	0
CTC-255N20.1	ASF1B	0.157924866	0.000911002
CTC-255N20.1	AQP1	0.297713585	2.40E-10
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CTC-255N20.1	MAPK13	0.516186595	0
CTC-255N20.1	CST5	0.263443443	2.10E-08
CTC-255N20.1	AHR	0.321272733	7.03E-12
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CTC-255N20.1	C1orf115	0.37310612	5.14E-16
CTC-255N20.1	PLK3	0.375151695	3.00E-16
CTC-255N20.1	JAG2	0.349756466	6.01E-14
CTC-255N20.1	RAD23B	0.494909607	0
CTC-255N20.1	CA12	0.326416173	3.11E-12
CTC-255N20.1	ADTRP	0.288014053	9.38E-10
CTC-255N20.1	UCP2	0.289651563	7.48E-10
CTC-255N20.1	IGFBP2	0.22360028	2.37E-06
CTC-255N20.1	LOXL2	0.26854407	1.25E-08
CTC-255N20.1	GPX1	0.242693118	2.88E-07
CTC-255N20.1	P3H3	0.349040755	6.84E-14
CTC-255N20.1	C2orf81	0.400381258	0
CTC-255N20.1	CDT1	0.185384393	9.60E-05
CTC-255N20.1	SNX25	0.549822278	0
CTC-255N20.1	MTHFD1L	0.368187208	1.63E-15
CTC-255N20.1	CDC42BPG	0.393596919	1.02E-17
CTC-255N20.1	MSN	0.394115036	0
CTC-255N20.1	SIGLEC6	0.284194602	1.34E-09
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CTC-255N20.1	FAXC	0.469051422	0

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CTC-255N20.1	LY6G6C	0.221633007	2.75E-06
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CTC-255N20.1	STAC	0.351605738	4.30E-14
CTC-255N20.1	RAB34	0.438709623	0
CTC-255N20.1	HES4	0.234912643	6.94E-07
CTC-255N20.1	EPHA10	0.402965814	0
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CTC-255N20.1	DDB2	0.331699322	1.32E-12
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CTC-255N20.1	SFTA2	0.199513073	2.64E-05
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CTC-255N20.1	AK1	0.368062533	1.68E-15
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CTC-255N20.1	ADRA1B	0.428551389	0
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CTC-255N20.1	SLC30A2	0.051376813	0.28265503
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CTC-255N20.1	SAMD11	0.261191375	3.15E-08
CTC-255N20.1	SIPA1L2	0.472196944	0
CTC-255N20.1	S100A16	0.281094529	2.41E-09
CTC-255N20.1	PPL	0.313679482	2.27E-11
CTC-255N20.1	ARHGDIB	0.316779333	1.41E-11
CTC-255N20.1	CDC42EP3	0.30320793	1.08E-10
CTC-255N20.1	RUNX2	0.465713001	0
CTC-255N20.1	LAMC2	0.274913267	5.47E-09
CTC-255N20.1	BRINP1	0.346146569	1.14E-13
CTC-255N20.1	GPRC5B	0.41860662	0
CTC-255N20.1	AQP5	0.300533166	1.60E-10
CTC-255N20.1	PLAG1	0.598401354	0
CTC-255N20.1	PTPRU	0.271152597	8.92E-09
CTC-255N20.1	ANGPTL4	0.243585416	2.60E-07
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CTC-255N20.1	SNX22	0.393612365	0
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CTC-255N20.1	CTHRC1	0.121969862	0.010570981
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CTC-255N20.1	C11orf80	0.369684157	1.17E-15
CTC-255N20.1	SREBF1	0.421986316	0
CTC-255N20.1	PRSS22	0.330922197	1.50E-12
CTC-255N20.1	CMTM3	0.324729446	4.07E-12
CTC-255N20.1	RDH5	0.493522156	0
CTC-255N20.1	MYH10	0.494365945	0
CTC-255N20.1	EVPL	0.363526724	4.38E-15
CTC-255N20.1	SCD	0.226042716	1.83E-06
CTC-255N20.1	CD151	0.378060916	1.23E-16
CTC-255N20.1	S100A4	0.153242964	0.001293478
CTC-255N20.1	BNIP1	0.413618492	0
CTC-255N20.1	MAP3K6	0.390433227	0
CTC-255N20.1	MANEAL	0.324913976	3.95E-12
CTC-255N20.1	CD207	0.308873266	3.70E-11
CTC-255N20.1	CD1A	0.301524077	1.12E-10
CTC-255N20.1	C3	0.231122754	1.05E-06
CTC-255N20.1	NT5E	0.415155014	0
CTC-255N20.1	CACNG4	0.324217785	3.34E-12
CTC-255N20.1	FHOD1	0.443418615	0
CTC-255N20.1	LEMD1	0.32896995	2.06E-12
CTC-255N20.1	ATP11A	0.55990321	0
CTC-255N20.1	PPAP2C	0.326450214	3.09E-12
CTC-255N20.1	DRAM1	0.365123384	3.15E-15

CTC-255N20.1	CDA	0.266626574	1.59E-08
CTC-255N20.1	CCND2	0.537118352	0
CTC-255N20.1	LCN6	0.339791285	2.52E-13
CTC-255N20.1	CDH4	0.405712916	0
CTC-255N20.1	MMP11	0.291608915	5.69E-10
CTC-255N20.1	B3GAT1	0.39297197	0
CTC-255N20.1	SPP1	0.134856191	0.004676963
CTC-255N20.1	HLA-DQB1	0.10204288	0.032593562
CTC-255N20.1	SDC3	0.46662629	0
CTC-255N20.1	CX3CL1	0.28270665	1.94E-09
CTC-255N20.1	SDK1	0.42761342	0
CTC-255N20.1	DOCK9	0.496785829	0
CTC-255N20.1	CSF2	0.364728077	2.93E-15
CTC-255N20.1	GRHL3	0.406505786	0
CTC-255N20.1	TMEM92	0.396400297	5.71E-18
CTC-255N20.1	BASP1	0.265510174	1.83E-08
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CTC-255N20.1	ESM1	0.221498679	2.95E-06
CTC-255N20.1	B4GALNT3	0.39736651	0
CTC-255N20.1	LMO3	0.558838297	0
CTC-255N20.1	C9orf16	0.221209048	3.05E-06
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CTC-255N20.1	PLA2G12B	0.423876464	1.43E-20
CTC-255N20.1	KLK6	0.324197868	3.35E-12
CTC-255N20.1	ST3GAL5	0.544699688	0
CTC-255N20.1	FAM132B	0.410853661	0
CTC-255N20.1	CDKN1A	0.232707642	8.86E-07
CTC-255N20.1	E2F1	0.190793919	5.92E-05
CTC-255N20.1	B3GNT8	0.367630214	1.84E-15
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CTC-255N20.1	MYO1G	0.226688216	1.70E-06
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CTC-255N20.1	UNC5CL	0.450609332	0
CTC-255N20.1	ABR	0.467106693	0
CTC-255N20.1	PLP2	0.328034676	2.40E-12
CTC-255N20.1	SRCIN1	0.409039706	0
CTC-255N20.1	PDE9A	0.278253957	3.52E-09
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CTC-255N20.1	KDEL3	0.395521918	0
CTC-255N20.1	PC	0.372886272	5.44E-16
CTC-255N20.1	C2CD4A	0.304746863	8.64E-11
CTC-255N20.1	PELI1	0.347036739	9.77E-14
CTC-255N20.1	SSX1	0.175374379	0.000226641
CTC-255N20.1	MROH6	0.332725798	1.12E-12
CTC-255N20.1	ESPN	0.376934304	1.78E-16
CTC-255N20.1	BMP1	0.500616566	0
CTC-255N20.1	TM4SF4	0.401042787	2.16E-18
CTC-255N20.1	CORO2A	0.432237169	0
CTC-255N20.1	CD164L2	0.396253244	5.89E-18
CTC-255N20.1	CTSS	0.25987541	3.71E-08
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CTC-255N20.1	NAPSA	0.354269581	2.64E-14
CTC-255N20.1	PLEKHA4	0.436173149	0
CTC-255N20.1	SFTPA1	0.321372004	5.27E-12
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CTC-255N20.1	SEL1L3	0.334253667	8.68E-13
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CTC-255N20.1	NPTXR	0.405496189	0
CTC-255N20.1	PDE4C	0.324348471	4.32E-12
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CTC-255N20.1	ENDOD1	0.445923033	0
CTC-255N20.1	RYR1	0.492089318	0
CTC-255N20.1	IL1RAP	0.52002797	0
CTC-255N20.1	SLC35F2	0.446786057	6.28E-23
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CTC-255N20.1	HLA-G	0.160258938	0.000762209
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CTC-255N20.1	ALDH1A3	0.320659429	7.73E-12
CTC-255N20.1	CLIP3	0.458534908	0
CTC-255N20.1	ULBP2	0.42382495	0
CTC-255N20.1	ETHE1	0.261082302	3.19E-08
CTC-255N20.1	XPR1	0.489372286	0
CTC-255N20.1	SPTBN2	0.326019596	3.31E-12
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CTC-255N20.1	MARCO	0.175939175	0.000216174
CTC-255N20.1	PLXND1	0.42923703	0
CTC-255N20.1	EMILIN2	0.390938735	0
CTC-255N20.1	PLAUR	0.230685754	1.11E-06
CTC-255N20.1	CDC42EP5	0.327453286	2.63E-12
CTC-255N20.1	TRPC5	0.519951727	8.98E-32
CTC-255N20.1	TMEM100	0.469280914	0
CTC-255N20.1	QSOX1	0.380579944	4.43E-17
CTC-255N20.1	ARHGAP23	0.413577076	0
CTC-255N20.1	MDF1	0.376481134	2.04E-16
CTC-255N20.1	FSTL3	0.322025179	6.24E-12
CTC-255N20.1	INF2	0.339354272	3.69E-13
CTC-255N20.1	TGFBR1	0.394361832	0
CTC-255N20.1	TGFBI	0.312180973	2.85E-11
CTC-255N20.1	ERBB3	0.321955821	6.31E-12
CTC-255N20.1	CCL18	0.181049425	0.00014002
CTC-255N20.1	CCL17	0.247755011	1.45E-07
CTC-255N20.1	C16orf45	0.536927297	0
CTC-255N20.1	PRDM1	0.476182567	0
CTC-255N20.1	TRIM47	0.262421529	2.70E-08
CTC-255N20.1	CNFN	0.275160063	5.29E-09
CTC-255N20.1	ARMCX3	0.429049805	0
CTC-255N20.1	RAMP1	0.344413319	1.55E-13
CTC-255N20.1	GABRD	0.35356848	3.00E-14
CTC-255N20.1	COL13A1	0.52616966	0

CTC-255N20.1	S100A5	0.326616447	3.01E-12
CTC-255N20.1	MISP	0.210483608	9.11E-06
CTC-255N20.1	HES6	0.415825336	0
CTC-255N20.1	PSD3	0.528740458	0
CTC-255N20.1	DOK7	0.310247165	3.82E-11
CTC-255N20.1	ZMAT3	0.399259043	0
CTC-255N20.1	MFAP2	0.361579016	6.48E-15
CTC-255N20.1	TMEM79	0.381190836	3.17E-17
CTC-255N20.1	SLC1A5	0.265680946	1.80E-08
CTC-255N20.1	BBC3	0.354799201	2.39E-14
CTC-255N20.1	HLA-DQB2	0.176440994	0.000207256
CTC-255N20.1	C1QL1	0.416768979	0
CTC-255N20.1	TMEM215	0.634396884	8.20E-51
CTC-255N20.1	PNP	0.257557792	4.93E-08
CTC-255N20.1	ARNTL	0.48913329	0
CTC-255N20.1	CLDN2	0.466458372	4.22E-25
CTC-255N20.1	MVP	0.373996006	4.09E-16
CTC-255N20.1	LGALS1	0.327373006	2.67E-12
CTC-255N20.1	BIRC7	0.354764703	1.82E-14
CTC-255N20.1	COL8A1	0.549272376	0
CTC-255N20.1	PERP	0.302295492	1.24E-10
CTC-255N20.1	GJA4	0.401014703	0
CTC-255N20.1	IGFL2	0.302129491	1.02E-10
CTC-255N20.1	DAPK2	0.455836882	0
CTC-255N20.1	MAMLD1	0.525527705	0
CTC-255N20.1	ETV5	0.601354828	0
CTC-255N20.1	RUNX1	0.328588976	2.19E-12
CTC-255N20.1	LONRF2	0.478979595	0
CTC-255N20.1	SPOCK1	0.399876176	0
CTC-255N20.1	XKRX	0.522108154	0
CTC-255N20.1	TGFB1	0.431868818	0
CTC-255N20.1	ERP27	0.336034716	6.45E-13
CTC-255N20.1	TNFRSF10C	0.452231949	0
CTC-255N20.1	PALM	0.33881671	4.04E-13
CTC-255N20.1	TSC22D1	0.534594502	0
CTC-255N20.1	TGM2	0.248698219	1.43E-07
CTC-255N20.1	UBE2QL1	0.456498268	0
CTC-255N20.1	ECE1	0.547061702	0
CTC-255N20.1	COL8A2	0.420778431	0
CTC-255N20.1	HIST3H2A	0.200515011	2.40E-05
CTC-255N20.1	TNFRSF21	0.341128655	2.73E-13
CTC-255N20.1	SOX4	0.318902493	1.02E-11
CTC-255N20.1	ELF3	0.249542433	1.29E-07
CTC-255N20.1	TPD52L1	0.390543293	0
CTC-255N20.1	INHBB	0.465359117	0
CTC-255N20.1	HPN	0.441354743	0
CTC-255N20.1	MMP7	0.154179112	0.001192793
CTC-255N20.1	RAB27A	0.549904402	0
CTC-255N20.1	IGF2BP2	0.522968112	0
CTC-255N20.1	ITGB4	0.378389837	1.10E-16
CTC-255N20.1	PPP1R1B	0.429082002	0

CTC-255N20.1	NPDC1	0.416397649	0
CTC-255N20.1	CCL13	0.28897957	6.84E-10
CTC-255N20.1	SPINT1	0.296994755	2.66E-10
CTC-255N20.1	HEY2	0.521334574	0
CTC-255N20.1	CST2	0.240170913	3.53E-07
CTC-255N20.1	ADM	0.404768706	0
CTC-255N20.1	VSTM2L	0.177888159	0.000183429
CTC-255N20.1	FAM84A	0.374053875	4.03E-16
CTC-255N20.1	P4HA2	0.479853454	0
CTC-255N20.1	LPL	0.50884085	0
CTC-255N20.1	TMEM173	0.392037263	0
CTC-255N20.1	DHRS3	0.426301994	0
CTC-255N20.1	SCN1B	0.446690089	0
CTC-255N20.1	GLT1D1	0.57890428	0
CTC-255N20.1	PHYHIP	0.438318578	0
CTC-255N20.1	BHLHE40	0.366406726	2.40E-15
CTC-255N20.1	BID	0.353473591	3.05E-14
CTC-255N20.1	POSTN	0.172808687	0.000280442
CTC-255N20.1	ITGA3	0.399571794	0
CTC-255N20.1	RSP04	0.44042259	0
CTC-255N20.1	ADAMTS9	0.573458869	0
CTC-255N20.1	ABTB2	0.448691411	0
CTC-255N20.1	KCNQ3	0.456144243	0
CTC-255N20.1	ANXA1	0.472834785	0
CTC-255N20.1	S100A11	0.313035825	2.50E-11
CTC-255N20.1	CEACAM6	0.227059378	1.53E-06
CTC-255N20.1	IER5L	0.339570999	3.56E-13
CTC-255N20.1	KRT80	0.233503916	8.11E-07
CTC-255N20.1	CDH6	0.378397779	1.10E-16
CTC-255N20.1	UNC5B	0.387728535	0
CTC-255N20.1	PLEKHN1	0.483307188	0
CTC-255N20.1	SYTL1	0.361472355	6.62E-15
CTC-255N20.1	TMEM163	0.400304808	0
CTC-255N20.1	C4orf48	0.341959395	2.37E-13
CTC-255N20.1	B3GNT7	0.526036475	0
CTC-255N20.1	BAIAP3	0.438601259	0
CTC-255N20.1	PHLDA2	0.353433168	3.08E-14
CTC-255N20.1	GAP43	0.498167232	6.50E-29
CTC-255N20.1	S100A1	0.250876979	1.10E-07
CTC-255N20.1	PTPRE	0.469917905	0
CTC-255N20.1	CCND1	0.453989595	0
CTC-255N20.1	ST6GALNAC5	0.286558156	9.62E-10
CTC-255N20.1	KRT17	0.204351138	1.66E-05
CTC-255N20.1	HPCAL4	0.542224063	0
CTC-255N20.1	GABBR2	0.479316033	0
CTC-255N20.1	DIRAS3	0.57326129	0
CTC-255N20.1	SERINC2	0.304623607	8.80E-11
CTC-255N20.1	PTCHD4	0.498082646	0
CTC-255N20.1	EPS8	0.576160724	0
CTC-255N20.1	LY6E	0.265492586	1.84E-08
CTC-255N20.1	UPP1	0.400764644	0

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CTC-255N20.1	PLXNC1	0.49175827	0
CTC-255N20.1	TNC	0.223007543	2.52E-06
CTC-255N20.1	DUSP4	0.432442265	0
CTC-255N20.1	NRCAM	0.524405348	0
CTC-255N20.1	NRP2	0.498338804	0
CTC-255N20.1	CTSC	0.36100642	7.26E-15
CTC-255N20.1	AMIGO2	0.624587041	0
CTC-255N20.1	NAB2	0.429394469	0
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CTC-255N20.1	CRABP2	0.271707606	8.30E-09
CTC-255N20.1	GOS2	0.382591336	9.82E-18
CTC-255N20.1	S100A6	0.281830947	2.18E-09
CTC-255N20.1	FOXQ1	0.361872761	6.11E-15
CTC-255N20.1	LRG1	0.410391556	0
CTC-255N20.1	LAMP5	0.305370947	7.88E-11
CTC-255N20.1	ALDH3B1	0.32444719	4.26E-12
CTC-255N20.1	CDH2	0.337227992	5.29E-13
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CTC-255N20.1	ZCCHC16	0.5412956	8.78E-35
CTC-255N20.1	GRB7	0.385538428	0
CTC-255N20.1	TIAM1	0.622342752	0
CTC-255N20.1	FXD5	0.403441536	0
CTC-255N20.1	CLDN9	0.332218446	1.21E-12
CTC-255N20.1	FAM43A	0.28971539	7.41E-10
CTC-255N20.1	CHST2	0.467440152	0
CTC-255N20.1	HMGA2	0.521213871	0
CTC-255N20.1	GALNT7	0.586539089	0
CTC-255N20.1	CBLN1	0.28234766	2.03E-09
CTC-255N20.1	STRA6	0.398819631	0
CTC-255N20.1	MUC21	0.305737214	5.95E-11
CTC-255N20.1	PRR36	0.495536953	0
CTC-255N20.1	NFE2L3	0.331760596	1.31E-12
CTC-255N20.1	NR1D1	0.268076859	1.32E-08
CTC-255N20.1	MUC1	0.198386886	2.94E-05
CTC-255N20.1	NAT8L	0.512423798	0
CTC-255N20.1	APOC1	0.29599608	3.06E-10
CTC-255N20.1	EVA1A	0.352336909	3.76E-14
CTC-255N20.1	ENTPD1	0.48960575	0
CTC-255N20.1	COL1A1	0.269064329	1.17E-08
CTC-255N20.1	FNDC4	0.383010039	4.83E-18
CTC-255N20.1	FRMD3	0.612649745	0
CTC-255N20.1	SHROOM4	0.593373369	0
CTC-255N20.1	NELL2	0.483773549	0
CTC-255N20.1	EPHB3	0.309876403	4.03E-11
CTC-255N20.1	TMC6	0.367438733	1.92E-15
CTC-255N20.1	NOD1	0.583344208	0
CTC-255N20.1	GGCT	0.46105507	0
CTC-255N20.1	ICAM1	0.418986177	0

CTC-255N20.1	PRSS23	0.444385235	0
CTC-255N20.1	CFI	0.472834502	0
CTC-255N20.1	CD55	0.362407345	5.49E-15
CTC-255N20.1	RASD2	0.452904966	0
CTC-255N20.1	KLK11	0.358937987	8.55E-15
CTC-255N20.1	ICAM5	0.511295342	0
CTC-255N20.1	ADORA1	0.369124326	1.32E-15
CTC-255N20.1	ITGA2	0.436793828	0
CTC-255N20.1	ABCC3	0.546436626	0
CTC-255N20.1	MFGE8	0.468418828	0
CTC-255N20.1	STK32A	0.83990687	0
CTC-255N20.1	CYSLTR2	0.542882896	0
CTC-255N20.1	LAD1	0.286568449	1.14E-09
CTC-255N20.1	MGAT3	0.293759875	4.21E-10
CTC-255N20.1	IGFBP6	0.496829231	0
CTC-255N20.1	CYP2S1	0.31964345	9.06E-12
CTC-255N20.1	KCNJ2	0.506767901	0
CTC-255N20.1	FAM20A	0.433945597	0
CTC-255N20.1	TGFA	0.51857031	0
CTC-255N20.1	MXRA8	0.384642301	0
CTC-255N20.1	C8orf4	0.382200149	1.51E-17
CTC-255N20.1	CLDN10	0.442570565	1.76E-22
CTC-255N20.1	PDE5A	0.442405756	0
CTC-255N20.1	APOE	0.348994091	6.89E-14
CTC-255N20.1	SPOCK2	0.237712507	5.07E-07
CTC-255N20.1	TENM1	0.655122164	0
CTC-255N20.1	SLIT1	0.616724442	0
CTC-255N20.1	CXCL14	0.338912733	3.98E-13
CTC-255N20.1	ECM1	0.506728612	0
CTC-255N20.1	DUSP5	0.314143006	2.12E-11
CTC-255N20.1	SEZ6L2	0.334137644	8.85E-13
CTC-255N20.1	THRSP	0.377066212	1.71E-16
CTC-255N20.1	C19orf33	0.21836805	4.09E-06
CTC-255N20.1	MPZL2	0.490090123	0
CTC-255N20.1	CTSH	0.351906007	4.07E-14
CTC-255N20.1	CYP1B1	0.41201474	0
CTC-255N20.1	ALOX5	0.247755286	1.60E-07
CTC-255N20.1	SYTL5	0.49746553	7.98E-29
CTC-255N20.1	TNFRSF12A	0.383785463	0
CTC-255N20.1	DUSP6	0.498773818	0
CTC-255N20.1	ALOX15B	0.345324906	1.32E-13
CTC-255N20.1	SDC4	0.495557519	0
CTC-255N20.1	MDK	0.401508722	0
CTC-255N20.1	KRT19	0.234421886	7.33E-07
CTC-255N20.1	MET	0.448673397	0
CTC-255N20.1	TESC	0.489023224	0
CTC-255N20.1	CXCL17	0.293504153	3.59E-10
CTC-255N20.1	NPC2	0.51436101	0
CTC-255N20.1	COMP	0.327782632	2.50E-12
CTC-255N20.1	TUSC3	0.539360655	0
CTC-255N20.1	TMPRSS4	0.334916898	7.78E-13

CTC-255N20.1	LGALS3	0.337302456	5.22E-13
CTC-255N20.1	CRLF1	0.310318935	3.77E-11
CTC-255N20.1	CTXN1	0.364546958	3.55E-15
CTC-255N20.1	PCSK1N	0.415226074	0
CTC-255N20.1	NMU	0.188934603	6.80E-05
CTC-255N20.1	GALE	0.428077086	0
CTC-255N20.1	PCSK2	0.499502294	0
CTC-255N20.1	GJB3	0.405629658	0
CTC-255N20.1	SLPI	0.235575306	6.44E-07
CTC-255N20.1	AGR2	0.431146583	0
CTC-255N20.1	MRC2	0.525986406	0
CTC-255N20.1	GOLT1A	0.534341464	0
CTC-255N20.1	SLC27A6	0.424908317	1.13E-20
CTC-255N20.1	KCNN4	0.341776283	2.44E-13
CTC-255N20.1	ETV4	0.474634573	4.79E-26
CTC-255N20.1	SYT12	0.390805833	0
CTC-255N20.1	PVRL4	0.355743695	2.00E-14
CTC-255N20.1	PLCD3	0.412697544	0
CTC-255N20.1	PLAU	0.395811408	0
CTC-255N20.1	LRRK2	0.608980276	0
CTC-255N20.1	SFN	0.26063126	3.38E-08
CTC-255N20.1	LPAR5	0.513461195	0
CTC-255N20.1	NGEF	0.353274027	3.17E-14
CTC-255N20.1	DTX4	0.434384157	0
CTC-255N20.1	CST6	0.336242082	6.23E-13
CTC-255N20.1	QPCT	0.515211465	0
CTC-255N20.1	TIMP1	0.486897228	0
CTC-255N20.1	CAMK2N1	0.488245531	0
CTC-255N20.1	KLHDC8A	0.682993019	0
CTC-255N20.1	PDLIM4	0.40312992	0
CTC-255N20.1	SCEL	0.427780079	0
CTC-255N20.1	LCN2	0.231077083	1.06E-06
CTC-255N20.1	PROS1	0.420573334	0
CTC-255N20.1	GABRB2	0.56658842	0
CTC-255N20.1	TMPRSS6	0.351443335	4.43E-14
CTC-255N20.1	KLK7	0.344163518	1.19E-13
CTC-255N20.1	PDZK1IP1	0.315255718	1.78E-11
CTC-255N20.1	CDH3	0.487937036	0
CTC-255N20.1	LRP4	0.635163269	0
CTC-255N20.1	IGSF1	0.494010927	0
CTC-255N20.1	B3GNT3	0.295658224	3.22E-10
CTC-255N20.1	CLDN1	0.494338855	0
CTC-255N20.1	GDF15	0.284701305	1.48E-09
CTC-255N20.1	ARHGAP36	0.551063996	3.11E-36
CTC-255N20.1	LAMB3	0.365226074	3.08E-15
CTC-255N20.1	KLK10	0.407423046	0
CTC-255N20.1	DPP4	0.443704701	0
CTC-255N20.1	METTL7B	0.476985223	0
CTC-255N20.1	LIPH	0.456793289	0
CTC-255N20.1	CLDN16	0.451224338	0
CTC-255N20.1	CHI3L1	0.374389178	3.69E-16

CTC-255N20.1	SLC22A31	0.443526356	1.39E-22
CTC-255N20.1	TACSTD2	0.294862517	3.60E-10
CTC-255N20.1	SFTPB	0.30241421	1.22E-10
CTC-255N20.1	RXRG	0.559109773	0
CTC-255N20.1	DCSTAMP	0.350655297	3.80E-14
CTC-255N20.1	CITED1	0.493155791	0
CTC-255N20.1	SERPINA1	0.44276971	0
CTC-255N20.1	PRR15	0.550561959	0
CTC-255N20.1	SLC34A2	0.312057858	2.90E-11
CTC-255N20.1	FN1	0.317963247	1.18E-11
CTC-255N20.1	ZCCHC12	0.622448279	0
RP5-875H18.9	TFF3	-0.53453999	8.31E-34
RP5-875H18.9	CCL21	-0.25043443	1.05E-07
RP5-875H18.9	TPO	-0.578397339	1.48E-40
RP5-875H18.9	MT1G	-0.507581129	4.00E-30
RP5-875H18.9	DIO1	-0.567641254	8.29E-39
RP5-875H18.9	DPT	-0.182809463	0.000117219
RP5-875H18.9	CDH16	-0.502844758	1.65E-29
RP5-875H18.9	CRABP1	-0.515929609	3.14E-31
RP5-875H18.9	SLC26A7	-0.707723108	6.16E-68
RP5-875H18.9	MT1H	-0.460200467	2.15E-24
RP5-875H18.9	SLC26A4	-0.664879612	2.43E-57
RP5-875H18.9	SLC5A8	-0.562866136	4.73E-38
RP5-875H18.9	PKHD1L1	-0.528127929	6.69E-33
RP5-875H18.9	TFCP2L1	-0.591281265	9.68E-43
RP5-875H18.9	WSCD2	-0.582224128	3.39E-41
RP5-875H18.9	IPCEF1	-0.523777948	2.69E-32
RP5-875H18.9	SLC5A5	-0.328184384	1.75E-12
RP5-875H18.9	MT1F	-0.489655456	7.51E-28
RP5-875H18.9	FOSB	-0.32923854	1.47E-12
RP5-875H18.9	SEMA3D	-0.531184565	2.49E-33
RP5-875H18.9	BMP8A	-0.550478098	3.81E-36
RP5-875H18.9	MATN2	-0.703931373	6.37E-67
RP5-875H18.9	PLA2R1	-0.499597962	4.28E-29
RP5-875H18.9	COL23A1	-0.573189217	1.06E-39
RP5-875H18.9	HGD	-0.597641672	7.44E-44
RP5-875H18.9	TCEAL2	-0.439910018	3.35E-22
RP5-875H18.9	CHRD1	-0.199074306	2.65E-05
RP5-875H18.9	TNFRSF11B	-0.473798195	6.00E-26
RP5-875H18.9	FAM167A	-0.656431787	1.87E-55
RP5-875H18.9	KIT	-0.612795137	1.30E-46
RP5-875H18.9	SLC4A4	-0.700401328	5.43E-66
RP5-875H18.9	SMOC2	-0.352201846	2.88E-14
RP5-875H18.9	FHL1	-0.662041165	1.06E-56
RP5-875H18.9	OTOS	-0.468573337	2.42E-25
RP5-875H18.9	IGFBPL1	-0.632209907	2.26E-50
RP5-875H18.9	HBB	-0.383456389	7.95E-17
RP5-875H18.9	BEX1	-0.53822095	2.46E-34
RP5-875H18.9	FABP4	-0.557732442	2.98E-37
RP5-875H18.9	LMOD1	-0.57611617	3.51E-40
RP5-875H18.9	SOD3	-0.478996246	1.46E-26

RP5-875H18.9	TMEM171	-0.449337088	3.34E-23
RP5-875H18.9	PI16	-0.229190812	1.22E-06
RP5-875H18.9	ZMAT4	-0.572918518	1.17E-39
RP5-875H18.9	MFAP4	-0.211532076	7.82E-06
RP5-875H18.9	CWH43	-0.477530517	2.18E-26
RP5-875H18.9	SPX	-0.758521829	2.66E-83
RP5-875H18.9	APOD	-0.010077819	0.833232906
RP5-875H18.9	DPP6	-0.530010843	3.64E-33
RP5-875H18.9	MMRN1	-0.441439733	2.31E-22
RP5-875H18.9	WDR72	-0.651035589	2.78E-54
RP5-875H18.9	MPPED2	-0.695023995	1.33E-64
RP5-875H18.9	PAPSS2	-0.391716422	1.50E-17
RP5-875H18.9	DCN	-0.003952436	0.934187929
RP5-875H18.9	SORBS2	-0.638169676	1.40E-51
RP5-875H18.9	EGR2	-0.373704086	5.36E-16
RP5-875H18.9	EDN3	-0.649392315	6.26E-54
RP5-875H18.9	DIO2	-0.673031991	3.22E-59
RP5-875H18.9	ITPR1	-0.688862728	4.80E-63
RP5-875H18.9	CFD	-0.148610669	0.001794952
RP5-875H18.9	CPXM1	-0.343070507	1.43E-13
RP5-875H18.9	ELMO1	-0.627637268	1.84E-49
RP5-875H18.9	GPC3	-0.441555346	2.25E-22
RP5-875H18.9	MYOC	-0.293812622	3.44E-10
RP5-875H18.9	DEPTOR	-0.624145377	8.87E-49
RP5-875H18.9	DGKI	-0.517788304	1.76E-31
RP5-875H18.9	CARTPT	-0.470898805	1.30E-25
RP5-875H18.9	IYD	-0.546744516	1.38E-35
RP5-875H18.9	LYVE1	-0.32501179	2.94E-12
RP5-875H18.9	CLCNKB	-0.638560437	1.16E-51
RP5-875H18.9	NCAM1	-0.364105535	3.30E-15
RP5-875H18.9	HBA2	-0.287960785	7.90E-10
RP5-875H18.9	GLT8D2	-0.432016493	2.18E-21
RP5-875H18.9	OGDHL	-0.501115053	2.74E-29
RP5-875H18.9	LIFR	-0.683710207	8.98E-62
RP5-875H18.9	CSGALNACT1	-0.452153976	1.66E-23
RP5-875H18.9	RAP1GAP	-0.542063037	6.78E-35
RP5-875H18.9	COL9A3	-0.545555495	2.07E-35
RP5-875H18.9	FBLN1	-0.014095359	0.768373442
RP5-875H18.9	EFEMP1	-0.333593936	7.17E-13
RP5-875H18.9	AOX1	-0.401489305	1.96E-18
RP5-875H18.9	GRIN2C	-0.547819359	9.55E-36
RP5-875H18.9	C11orf74	-0.56866617	5.68E-39
RP5-875H18.9	PPARGC1A	-0.540680691	1.08E-34
RP5-875H18.9	ANGPTL1	-0.659028968	4.99E-56
RP5-875H18.9	SCARA5	-0.164191592	0.000552633
RP5-875H18.9	LTF	-0.408504844	4.37E-19
RP5-875H18.9	CA4	-0.675298151	9.43E-60
RP5-875H18.9	TG	-0.705625619	2.25E-67
RP5-875H18.9	FCGBP	-0.585732877	8.67E-42
RP5-875H18.9	PBX4	-0.586047188	7.66E-42
RP5-875H18.9	CYR61	-0.369351669	1.23E-15

RP5-875H18.9	FOS	-0.366761012	2.01E-15
RP5-875H18.9	KHDRBS2	-0.622808987	1.61E-48
RP5-875H18.9	MUM1L1	-0.46314778	1.00E-24
RP5-875H18.9	RGS16	-0.541744612	7.55E-35
RP5-875H18.9	MT1M	-0.416839342	7.00E-20
RP5-875H18.9	LRP2	-0.588178009	3.32E-42
RP5-875H18.9	MAFB	-0.418927469	4.39E-20
RP5-875H18.9	KCNK2	-0.526663201	1.07E-32
RP5-875H18.9	TBC1D4	-0.629278892	8.69E-50
RP5-875H18.9	MIOX	-0.596447991	1.21E-43
RP5-875H18.9	TPPP	-0.58958319	1.90E-42
RP5-875H18.9	FMOD	-0.488973928	9.11E-28
RP5-875H18.9	CITED2	-0.458783873	3.09E-24
RP5-875H18.9	RGS8	-0.559980804	1.34E-37
RP5-875H18.9	ABI3BP	-0.428727997	4.70E-21
RP5-875H18.9	ADH1B	-0.254239913	6.64E-08
RP5-875H18.9	OGN	-0.12693354	0.007750524
RP5-875H18.9	NR4A1	-0.318465576	8.36E-12
RP5-875H18.9	FOXJ1	-0.58441948	1.45E-41
RP5-875H18.9	ALDH1A1	-0.606569617	1.84E-45
RP5-875H18.9	OCA2	-0.457866699	3.90E-24
RP5-875H18.9	TMEM139	-0.257061969	4.69E-08
RP5-875H18.9	ARHGAP24	-0.572198059	1.53E-39
RP5-875H18.9	SLC25A15	-0.60587887	2.46E-45
RP5-875H18.9	DES	-0.171298108	0.000311498
RP5-875H18.9	GDF10	-0.420631087	2.99E-20
RP5-875H18.9	KIAA1324	-0.505108764	8.40E-30
RP5-875H18.9	JUN	-0.396870929	5.18E-18
RP5-875H18.9	C7	0.010822606	0.821108952
RP5-875H18.9	LGI3	-0.661646149	1.30E-56
RP5-875H18.9	CDON	-0.740778275	1.59E-77
RP5-875H18.9	BCL2	-0.695021584	1.34E-64
RP5-875H18.9	HLF	-0.753118682	1.72E-81
RP5-875H18.9	EGR1	-0.449308579	3.37E-23
RP5-875H18.9	IP6K3	-0.452965143	1.35E-23
RP5-875H18.9	SCUBE3	-0.513573468	6.49E-31
RP5-875H18.9	PKNOX2	-0.629449806	8.04E-50
RP5-875H18.9	SMAD9	-0.53186338	2.00E-33
RP5-875H18.9	IQGAP2	-0.610858775	2.98E-46
RP5-875H18.9	GNA14	-0.641446967	2.95E-52
RP5-875H18.9	LAYN	-0.50235386	1.90E-29
RP5-875H18.9	AVPR1A	-0.627940516	1.60E-49
RP5-875H18.9	PDLIM3	-0.379455161	1.75E-16
RP5-875H18.9	GPM6A	-0.578775051	1.28E-40
RP5-875H18.9	SDPR	-0.659429091	4.07E-56
RP5-875H18.9	CRYAB	-0.211513212	7.83E-06
RP5-875H18.9	FOXA2	-0.381744321	1.12E-16
RP5-875H18.9	C8orf88	-0.572507122	1.36E-39
RP5-875H18.9	ISM1	-0.464656077	6.77E-25
RP5-875H18.9	BMP2	-0.277841549	3.18E-09
RP5-875H18.9	ID4	-0.618394161	1.14E-47

RP5-875H18.9	NUPR1	-0.273958755	5.36E-09
RP5-875H18.9	SERTM1	-0.430789037	2.91E-21
RP5-875H18.9	IRS1	-0.713170225	2.01E-69
RP5-875H18.9	FIBIN	-0.117950991	0.01340068
RP5-875H18.9	PODN	-0.0700049	0.143089968
RP5-875H18.9	TDRD9	-0.374263492	4.81E-16
RP5-875H18.9	EPHA3	-0.330943991	1.11E-12
RP5-875H18.9	AIF1L	-0.467648417	3.09E-25
RP5-875H18.9	EBF4	-0.607348587	1.32E-45
RP5-875H18.9	ADM2	-0.46694462	3.71E-25
RP5-875H18.9	GSTM3	-0.609426644	5.49E-46
RP5-875H18.9	HSD17B6	-0.505374851	7.76E-30
RP5-875H18.9	AGR3	-0.294591722	3.07E-10
RP5-875H18.9	EPHB1	-0.523524911	2.91E-32
RP5-875H18.9	TMOD1	-0.318182469	8.74E-12
RP5-875H18.9	WASF3	-0.691541466	1.02E-63
RP5-875H18.9	SELV	-0.561461469	7.86E-38
RP5-875H18.9	ENPP1	-0.337148377	3.94E-13
RP5-875H18.9	SYNE1	-0.654251772	5.60E-55
RP5-875H18.9	PLCH1	-0.532966873	1.39E-33
RP5-875H18.9	CCDC146	-0.687535982	1.03E-62
RP5-875H18.9	SLC16A2	-0.625703034	4.40E-49
RP5-875H18.9	IER2	-0.449995355	2.84E-23
RP5-875H18.9	KCNAB1	-0.649204045	6.86E-54
RP5-875H18.9	SYNDIG1	-0.452971384	1.35E-23
RP5-875H18.9	C16orf89	-0.684414429	6.04E-62
RP5-875H18.9	CTGF	-0.251292882	9.50E-08
RP5-875H18.9	NR4A3	-0.130476353	0.006187026
RP5-875H18.9	KIAA1456	-0.626324565	3.33E-49
RP5-875H18.9	AQP4	-0.554297349	1.00E-36
RP5-875H18.9	RNF150	-0.642713431	1.61E-52
RP5-875H18.9	C1S	0.089549646	0.060835127
RP5-875H18.9	PFKFB2	-0.578472796	1.43E-40
RP5-875H18.9	PROX1	-0.605326981	3.10E-45
RP5-875H18.9	TCF7L1	-0.662129956	1.01E-56
RP5-875H18.9	HSPB6	-0.275803774	4.19E-09
RP5-875H18.9	FHDC1	-0.555963653	5.59E-37
RP5-875H18.9	PRR15L	-0.548012116	8.94E-36
RP5-875H18.9	SLC1A1	-0.37400393	5.06E-16
RP5-875H18.9	BTBD11	-0.774154561	8.02E-89
RP5-875H18.9	TRIM58	-0.596808946	1.04E-43
RP5-875H18.9	LRIG1	-0.565383063	1.90E-38
RP5-875H18.9	ROR2	-0.265022017	1.72E-08
RP5-875H18.9	GPR125	-0.627715562	1.77E-49
RP5-875H18.9	FLRT1	-0.688751953	5.12E-63
RP5-875H18.9	PGF	-0.505108906	8.40E-30
RP5-875H18.9	DUSP1	-0.321832367	4.90E-12
RP5-875H18.9	PLA2G7	-0.404050162	1.14E-18
RP5-875H18.9	PLSCR4	-0.488040781	1.19E-27
RP5-875H18.9	FAM46B	-0.256856447	4.81E-08
RP5-875H18.9	GLDC	-0.461191419	1.66E-24

RP5-875H18.9	ZBTB16	-0.532413141	1.67E-33
RP5-875H18.9	OMD	-0.022321339	0.640922991
RP5-875H18.9	HSD11B2	-0.643337657	1.19E-52
RP5-875H18.9	FGL2	-0.076771246	0.108203293
RP5-875H18.9	CLCNKA	-0.607090536	1.48E-45
RP5-875H18.9	GATM	-0.625807001	4.20E-49
RP5-875H18.9	TNS3	-0.502104084	2.05E-29
RP5-875H18.9	TOB1	-0.345849098	8.85E-14
RP5-875H18.9	MARC2	-0.688593946	5.61E-63
RP5-875H18.9	LRRC2	-0.622164762	2.15E-48
RP5-875H18.9	SORD	-0.457494006	4.29E-24
RP5-875H18.9	RIMS4	-0.565199951	2.03E-38
RP5-875H18.9	SLC29A4	-0.555068944	7.66E-37
RP5-875H18.9	SLC39A14	-0.653599439	7.76E-55
RP5-875H18.9	FAXDC2	-0.768377105	9.89E-87
RP5-875H18.9	HSPB8	-0.168491284	0.00039172
RP5-875H18.9	CCL19	0.210333539	8.82E-06
RP5-875H18.9	KCNIP3	-0.649369143	6.33E-54
RP5-875H18.9	CGNL1	-0.604249018	4.87E-45
RP5-875H18.9	ATF3	-0.033015169	0.490219046
RP5-875H18.9	SGCD	-0.267870392	1.19E-08
RP5-875H18.9	STARD13	-0.630626062	4.69E-50
RP5-875H18.9	LDHD	-0.675813419	7.12E-60
RP5-875H18.9	RCAN1	-0.344009895	1.22E-13
RP5-875H18.9	ID3	-0.349650619	4.54E-14
RP5-875H18.9	SYTL3	-0.703464871	8.48E-67
RP5-875H18.9	MT1E	-0.27164	7.28E-09
RP5-875H18.9	CAMK1D	-0.640883022	3.86E-52
RP5-875H18.9	PRKCQ	-0.756739928	1.06E-82
RP5-875H18.9	NUAK2	-0.345860729	8.83E-14
RP5-875H18.9	LIPG	-0.715257786	5.31E-70
RP5-875H18.9	SLC25A25	-0.321581882	5.10E-12
RP5-875H18.9	PRKX	-0.31856387	8.23E-12
RP5-875H18.9	SRPX	-0.110460567	0.020618667
RP5-875H18.9	FAM189A1	-0.64782411	1.35E-53
RP5-875H18.9	PLEKHH1	-0.633601524	1.19E-50
RP5-875H18.9	WNT11	-0.392194555	1.36E-17
RP5-875H18.9	SNAI1	-0.295666518	2.63E-10
RP5-875H18.9	FDCSP	0.087984849	0.065503739
RP5-875H18.9	MT1X	-0.317349885	9.97E-12
RP5-875H18.9	ACACB	-0.746657286	2.19E-79
RP5-875H18.9	ARC	-0.229526115	1.17E-06
RP5-875H18.9	KLK4	-0.128568085	0.006989942
RP5-875H18.9	ZFPM2	-0.370999109	9.00E-16
RP5-875H18.9	AKAP12	-0.44364204	1.36E-22
RP5-875H18.9	GJB6	-0.368567078	1.43E-15
RP5-875H18.9	ERO1LB	-0.673548846	2.43E-59
RP5-875H18.9	DNALI1	-0.531620838	2.16E-33
RP5-875H18.9	HKDC1	-0.257122392	4.65E-08
RP5-875H18.9	ZFP36L2	-0.489088533	8.82E-28
RP5-875H18.9	CAPSL	-0.576588211	2.94E-40

RP5-875H18.9	CYP7B1	-0.533183175	1.30E-33
RP5-875H18.9	CPQ	-0.574155696	7.36E-40
RP5-875H18.9	RPS6KA6	-0.722724336	4.08E-72
RP5-875H18.9	TLE1	-0.428485597	4.97E-21
RP5-875H18.9	TP53INP2	-0.637755227	1.70E-51
RP5-875H18.9	KATNAL2	-0.687220962	1.23E-62
RP5-875H18.9	SGPP2	-0.1732234	0.00026564
RP5-875H18.9	CTH	-0.537914865	2.72E-34
RP5-875H18.9	KIF12	-0.411584556	2.23E-19
RP5-875H18.9	TMEM220	-0.669589459	2.03E-58
RP5-875H18.9	CENPJ	-0.459624826	2.49E-24
RP5-875H18.9	FAM155B	-0.618264522	1.21E-47
RP5-875H18.9	WFS1	-0.511296555	1.30E-30
RP5-875H18.9	SELENBP1	-0.645025662	5.28E-53
RP5-875H18.9	SNTA1	-0.485403743	2.49E-27
RP5-875H18.9	FRAS1	-0.210256818	8.89E-06
RP5-875H18.9	FBLN7	-0.515582167	3.50E-31
RP5-875H18.9	AGPAT9	-0.651154591	2.62E-54
RP5-875H18.9	GPR83	-0.580238811	7.29E-41
RP5-875H18.9	PRTG	-0.615180697	4.63E-47
RP5-875H18.9	EGR3	-0.174282215	0.00024319
RP5-875H18.9	GRAMD2	-0.372124445	7.26E-16
RP5-875H18.9	HYOU1	-0.605607819	2.76E-45
RP5-875H18.9	FBLN5	-0.244743973	2.07E-07
RP5-875H18.9	ITM2A	-0.600971869	1.90E-44
RP5-875H18.9	SRF	-0.430751163	2.93E-21
RP5-875H18.9	FGFR2	-0.617213366	1.91E-47
RP5-875H18.9	MT1A	-0.156328535	0.001015002
RP5-875H18.9	MAMDC2	-0.226106703	1.70E-06
RP5-875H18.9	FHL2	-0.224138427	2.10E-06
RP5-875H18.9	FTCDNL1	-0.542729104	5.42E-35
RP5-875H18.9	PKIA	-0.527982855	7.01E-33
RP5-875H18.9	DNAJB4	-0.565777655	1.64E-38
RP5-875H18.9	SLC25A33	-0.497326723	8.31E-29
RP5-875H18.9	EYA2	-0.293189756	3.76E-10
RP5-875H18.9	LPAR1	-0.112359342	0.018525741
RP5-875H18.9	STX11	-0.241166838	3.15E-07
RP5-875H18.9	ARHGEF28	-0.490998229	5.13E-28
RP5-875H18.9	OR2W3	-0.588252331	3.22E-42
RP5-875H18.9	ALDH1B1	-0.472776346	7.89E-26
RP5-875H18.9	CXCL12	-0.159282502	0.000810363
RP5-875H18.9	OLFM2	-0.452009585	1.72E-23
RP5-875H18.9	TUB	-0.632047697	2.44E-50
RP5-875H18.9	HTRA3	-0.115181052	0.015758071
RP5-875H18.9	CKB	-0.339786265	2.52E-13
RP5-875H18.9	RGS2	0.049005473	0.305614827
RP5-875H18.9	SHANK2	-0.695732756	8.79E-65
RP5-875H18.9	CNTFR	-0.529007377	5.04E-33
RP5-875H18.9	CYTH3	-0.624611455	7.20E-49
RP5-875H18.9	PLAC9	-0.275169478	4.56E-09
RP5-875H18.9	WWOX	-0.746617856	2.25E-79

RP5-875H18.9	NPR3	-0.45856899	3.26E-24
RP5-875H18.9	SDC2	-0.499346059	4.61E-29
RP5-875H18.9	KLF15	-0.687046218	1.36E-62
RP5-875H18.9	TMEM164	-0.60132788	1.64E-44
RP5-875H18.9	LONRF3	-0.375342732	3.91E-16
RP5-875H18.9	GBP1	-0.086455892	0.070345868
RP5-875H18.9	ARHGAP6	-0.433347068	1.60E-21
RP5-875H18.9	TMEM119	-0.031554954	0.509620368
RP5-875H18.9	SH3RF1	-0.559657378	1.50E-37
RP5-875H18.9	CRELD2	-0.458754797	3.11E-24
RP5-875H18.9	PCP4	-0.051118564	0.285205782
RP5-875H18.9	GCSH	-0.71945787	3.50E-71
RP5-875H18.9	IMPA2	-0.583899914	1.77E-41
RP5-875H18.9	C1R	0.141667453	0.002931634
RP5-875H18.9	SUCNR1	-0.337954721	3.44E-13
RP5-875H18.9	SFRP1	-0.383530995	7.83E-17
RP5-875H18.9	UGT8	-0.537864513	2.77E-34
RP5-875H18.9	TLE4	-0.261998756	2.53E-08
RP5-875H18.9	ANTXR1	-0.34990153	4.34E-14
RP5-875H18.9	GPX3	-0.336650386	4.29E-13
RP5-875H18.9	DPY19L2	-0.567931737	7.45E-39
RP5-875H18.9	FAM46C	-0.516118312	2.96E-31
RP5-875H18.9	IL33	-0.204017618	1.65E-05
RP5-875H18.9	PEG3	-0.693998938	2.44E-64
RP5-875H18.9	FAHD2A	-0.603805493	5.85E-45
RP5-875H18.9	PTGDS	-0.028163201	0.556184029
RP5-875H18.9	CHCHD10	-0.267523174	1.25E-08
RP5-875H18.9	CD36	-0.646590836	2.47E-53
RP5-875H18.9	ANKRD37	-0.414840004	1.09E-19
RP5-875H18.9	TSPAN33	-0.508457683	3.08E-30
RP5-875H18.9	PRDM16	-0.658282762	7.30E-56
RP5-875H18.9	UST	-0.71931121	3.85E-71
RP5-875H18.9	NEXN	-0.503772799	1.25E-29
RP5-875H18.9	NUPR1L	-0.24159045	3.00E-07
RP5-875H18.9	SLC24A3	-0.472463933	8.58E-26
RP5-875H18.9	MARC1	-0.679658342	8.62E-61
RP5-875H18.9	MYH11	-0.299945038	1.41E-10
RP5-875H18.9	APOA1	-0.468625763	2.38E-25
RP5-875H18.9	TMEM178B	-0.464406301	7.22E-25
RP5-875H18.9	CAPNG	-0.179145657	0.000161047
RP5-875H18.9	PPM1L	-0.658075822	8.11E-56
RP5-875H18.9	FZD8	-0.600614155	2.20E-44
RP5-875H18.9	RCAN2	-0.626275064	3.40E-49
RP5-875H18.9	COPZ2	-0.419467727	3.89E-20
RP5-875H18.9	GAS1	-0.169681015	0.000355616
RP5-875H18.9	DACT1	-0.446126319	7.39E-23
RP5-875H18.9	WBSCR17	-0.618572167	1.05E-47
RP5-875H18.9	NCS1	-0.35655015	1.32E-14
RP5-875H18.9	SPIRE2	-0.44771447	5.00E-23
RP5-875H18.9	C15orf52	-0.289619713	6.25E-10
RP5-875H18.9	SPAG5	-0.407912674	4.97E-19

RP5-875H18.9	ARL4D	-0.39192549	1.44E-17
RP5-875H18.9	FAM189A2	-0.522616727	3.88E-32
RP5-875H18.9	MAP1LC3A	-0.514013731	5.67E-31
RP5-875H18.9	KLF6	-0.023210103	0.627687352
RP5-875H18.9	ADD3	-0.559319096	1.69E-37
RP5-875H18.9	TSPAN7	-0.598843743	4.55E-44
RP5-875H18.9	KLF9	-0.510073493	1.89E-30
RP5-875H18.9	KCNQ1	-0.685414665	3.43E-62
RP5-875H18.9	MAN1A1	-0.103346295	0.030389858
RP5-875H18.9	MLF1	-0.375883415	3.52E-16
RP5-875H18.9	RARB	-0.712994489	2.25E-69
RP5-875H18.9	CDC42EP2	-0.34926468	4.86E-14
RP5-875H18.9	FAM3B	-0.128040724	0.007227695
RP5-875H18.9	GADD45B	-0.187850932	7.49E-05
RP5-875H18.9	TMEM47	-0.534924794	7.32E-34
RP5-875H18.9	SDF2L1	-0.395546027	6.82E-18
RP5-875H18.9	CCDC85A	-0.425192136	1.06E-20
RP5-875H18.9	CRYBG3	-0.254224232	6.65E-08
RP5-875H18.9	FBLN2	0.039221541	0.412355788
RP5-875H18.9	PEBP4	-0.257853421	4.25E-08
RP5-875H18.9	CDADC1	-0.751386849	6.39E-81
RP5-875H18.9	FAM63A	-0.709831093	1.66E-68
RP5-875H18.9	GLUL	-0.433316573	1.61E-21
RP5-875H18.9	FREM2	-0.513723249	6.20E-31
RP5-875H18.9	ACKR3	-0.579754721	8.78E-41
RP5-875H18.9	DENND6A	-0.712889388	2.40E-69
RP5-875H18.9	CLDN8	-0.05436848	0.255647308
RP5-875H18.9	UTS2R	-0.220834416	2.99E-06
RP5-875H18.9	SCNN1B	-0.460772148	1.85E-24
RP5-875H18.9	TTC30A	-0.636868177	2.58E-51
RP5-875H18.9	CORO2B	-0.580611701	6.32E-41
RP5-875H18.9	TC2N	-0.200476999	2.32E-05
RP5-875H18.9	ALDH2	-0.531827778	2.02E-33
RP5-875H18.9	GPR183	0.083192784	0.081660449
RP5-875H18.9	C4orf47	-0.479114397	1.42E-26
RP5-875H18.9	SLC25A42	-0.76414525	3.08E-85
RP5-875H18.9	LGMN	-0.541496397	8.21E-35
RP5-875H18.9	ACSF2	-0.510631481	1.59E-30
RP5-875H18.9	KIAA1467	-0.665194774	2.06E-57
RP5-875H18.9	PRKG1	-0.680437313	5.59E-61
RP5-875H18.9	GNAI1	-0.568145627	6.89E-39
RP5-875H18.9	ABCC4	-0.320599234	5.96E-12
RP5-875H18.9	PRPS1	-0.678548892	1.59E-60
RP5-875H18.9	TSPAN5	-0.246303899	1.73E-07
RP5-875H18.9	CR2	-0.138067076	0.003749858
RP5-875H18.9	CCDC170	-0.538004506	2.64E-34
RP5-875H18.9	RRAD	0.111853692	0.019064158
RP5-875H18.9	SCGB2A1	-0.343099016	1.43E-13
RP5-875H18.9	SESN3	-0.325046257	2.92E-12
RP5-875H18.9	SGK223	-0.233098995	7.88E-07
RP5-875H18.9	NDRG2	-0.700609262	4.79E-66

RP5-875H18.9	C3orf52	-0.220755751	3.01E-06
RP5-875H18.9	FLRT3	0.315160769	1.40E-11
RP5-875H18.9	MST1R	0.671979275	5.67E-59
RP5-875H18.9	SDC1	0.492813746	3.06E-28
RP5-875H18.9	ST8SIA4	0.559715673	1.47E-37
RP5-875H18.9	UBTD1	0.447172368	5.71E-23
RP5-875H18.9	EPHA2	0.469208343	2.04E-25
RP5-875H18.9	TMEM130	0.223213932	2.32E-06
RP5-875H18.9	SPINK2	0.534872031	7.45E-34
RP5-875H18.9	MMP16	0.634364041	8.33E-51
RP5-875H18.9	SIGLEC15	0.500029715	3.77E-29
RP5-875H18.9	RIN1	0.651091898	2.70E-54
RP5-875H18.9	IL1RN	0.721217928	1.10E-71
RP5-875H18.9	FCER1G	0.451742222	1.84E-23
RP5-875H18.9	CD276	0.67660019	4.63E-60
RP5-875H18.9	CTSB	0.441959708	2.04E-22
RP5-875H18.9	FAM171A2	0.017861137	0.709003188
RP5-875H18.9	ASPHD1	0.666000552	1.35E-57
RP5-875H18.9	C15orf48	0.648330186	1.05E-53
RP5-875H18.9	DYSF	0.053970201	0.259151111
RP5-875H18.9	PDZRN4	0.044466823	0.352636814
RP5-875H18.9	EFHD2	0.361961807	4.90E-15
RP5-875H18.9	ASF1B	0.470768552	1.35E-25
RP5-875H18.9	AQP1	0.114647886	0.016251396
RP5-875H18.9	ARRDC2	0.462074781	1.32E-24
RP5-875H18.9	PRSS1	0.473737175	6.10E-26
RP5-875H18.9	MAPK13	0.535508171	6.04E-34
RP5-875H18.9	CST5	0.736862667	2.58E-76
RP5-875H18.9	AHR	0.543030083	4.89E-35
RP5-875H18.9	BAX	0.639505499	7.44E-52
RP5-875H18.9	C1orf115	0.057449469	0.229650179
RP5-875H18.9	PLK3	0.582547354	2.99E-41
RP5-875H18.9	JAG2	0.315385581	1.36E-11
RP5-875H18.9	RAD23B	0.427842223	5.76E-21
RP5-875H18.9	CA12	-0.156509159	0.001001234
RP5-875H18.9	ADTRP	0.231389714	9.54E-07
RP5-875H18.9	UCP2	0.349411482	4.73E-14
RP5-875H18.9	IGFBP2	0.33827967	3.26E-13
RP5-875H18.9	LOXL2	0.263197848	2.17E-08
RP5-875H18.9	GPX1	0.557776474	2.94E-37
RP5-875H18.9	P3H3	0.533543725	1.15E-33
RP5-875H18.9	C2orf81	0.299757387	1.45E-10
RP5-875H18.9	CDT1	0.500981159	2.85E-29
RP5-875H18.9	SNX25	0.224240692	2.08E-06
RP5-875H18.9	MTHFD1L	0.648954837	7.76E-54
RP5-875H18.9	CDC42BPG	0.597565314	7.67E-44
RP5-875H18.9	MSN	0.439455997	3.73E-22
RP5-875H18.9	SIGLEC6	0.396199735	5.95E-18
RP5-875H18.9	F2R	0.251666765	9.08E-08
RP5-875H18.9	TMEM184A	0.639397986	7.82E-52
RP5-875H18.9	CKS2	0.443974506	1.25E-22

RP5-875H18.9	TAX1BP3	0.75169109	5.08E-81
RP5-875H18.9	PMEPA1	0.615542382	3.96E-47
RP5-875H18.9	CXCL16	0.699245355	1.09E-65
RP5-875H18.9	FAXC	0.672345073	4.66E-59
RP5-875H18.9	VTCN1	0.719283455	3.92E-71
RP5-875H18.9	SH2D4A	0.40264342	1.54E-18
RP5-875H18.9	RNF24	0.364716428	2.94E-15
RP5-875H18.9	LY6G6C	0.604039313	5.31E-45
RP5-875H18.9	NID1	0.351878882	3.06E-14
RP5-875H18.9	STAC	0.755066107	3.87E-82
RP5-875H18.9	RAB34	0.532296125	1.73E-33
RP5-875H18.9	HES4	0.454195581	9.91E-24
RP5-875H18.9	EPHA10	0.606025246	2.31E-45
RP5-875H18.9	ENTPD2	0.427386075	6.40E-21
RP5-875H18.9	DDB2	0.60533308	3.09E-45
RP5-875H18.9	NKAIN4	0.398282351	3.85E-18
RP5-875H18.9	TRIM29	0.541754966	7.53E-35
RP5-875H18.9	ADCY8	0.617200195	1.92E-47
RP5-875H18.9	SFTA2	0.568140663	6.90E-39
RP5-875H18.9	NRIP1	0.389428304	2.39E-17
RP5-875H18.9	VWA1	0.139255369	0.003459391
RP5-875H18.9	APLNR	0.163115795	0.000601545
RP5-875H18.9	REN	0.454176187	9.96E-24
RP5-875H18.9	EDIL3	0.213117533	6.66E-06
RP5-875H18.9	AGRN	0.371874812	7.61E-16
RP5-875H18.9	TREM1	0.645399119	4.40E-53
RP5-875H18.9	SRL	0.330419193	1.21E-12
RP5-875H18.9	RASGRF1	0.415804781	8.81E-20
RP5-875H18.9	RMI2	0.496756679	9.80E-29
RP5-875H18.9	SAMD1	0.521168569	6.13E-32
RP5-875H18.9	MGAT4B	0.583772119	1.86E-41
RP5-875H18.9	NXN	0.667810537	5.22E-58
RP5-875H18.9	SH3BGRL3	0.71682991	1.93E-70
RP5-875H18.9	CA11	0.216474253	4.71E-06
RP5-875H18.9	PLD3	0.234780333	6.53E-07
RP5-875H18.9	LURAP1L	0.617334779	1.81E-47
RP5-875H18.9	CARNS1	0.16733063	0.000430207
RP5-875H18.9	PDLIM7	0.542511384	5.83E-35
RP5-875H18.9	BCL2L1	0.798035271	3.59E-98
RP5-875H18.9	GGT6	0.294657913	3.04E-10
RP5-875H18.9	DPYSL3	0.472507335	8.48E-26
RP5-875H18.9	FYN	0.457472305	4.32E-24
RP5-875H18.9	TK1	0.497094252	8.89E-29
RP5-875H18.9	AK1	0.334093061	6.59E-13
RP5-875H18.9	HIGD1B	-0.014347971	0.764343682
RP5-875H18.9	TMEM59L	0.53038813	3.22E-33
RP5-875H18.9	MEGF9	0.354964409	1.76E-14
RP5-875H18.9	ZFP36L1	0.429487819	3.94E-21
RP5-875H18.9	ADRA1B	0.286119454	1.02E-09
RP5-875H18.9	EPHA4	0.579069222	1.14E-40
RP5-875H18.9	TCERG1L	0.138167903	0.00372438

RP5-875H18.9	NGFR	0.199698029	2.50E-05
RP5-875H18.9	EBI3	0.676745431	4.28E-60
RP5-875H18.9	S100A10	0.774162788	7.97E-89
RP5-875H18.9	S100B	0.595850268	1.54E-43
RP5-875H18.9	CD44	0.080631062	0.091538011
RP5-875H18.9	BHLHE41	0.324755774	3.06E-12
RP5-875H18.9	FBXO2	0.477712477	2.08E-26
RP5-875H18.9	SLC30A2	0.493599524	2.44E-28
RP5-875H18.9	FRMD5	0.716244405	2.81E-70
RP5-875H18.9	SAMD11	0.303544583	8.26E-11
RP5-875H18.9	SIPA1L2	0.271416323	7.50E-09
RP5-875H18.9	S100A16	0.76835966	1.00E-86
RP5-875H18.9	PPL	0.63916438	8.74E-52
RP5-875H18.9	ARHGDIB	0.25885692	3.75E-08
RP5-875H18.9	CDC42EP3	0.733090697	3.62E-75
RP5-875H18.9	RUNX2	0.389302636	2.45E-17
RP5-875H18.9	LAMC2	0.662599437	7.96E-57
RP5-875H18.9	BRINP1	0.503327289	1.43E-29
RP5-875H18.9	GPRC5B	0.329472004	1.42E-12
RP5-875H18.9	AQP5	0.168548303	0.000389915
RP5-875H18.9	PLAG1	0.217416477	4.28E-06
RP5-875H18.9	PTPRU	0.631709983	2.85E-50
RP5-875H18.9	ANGPTL4	0.641524835	2.84E-52
RP5-875H18.9	PALM3	0.314633702	1.52E-11
RP5-875H18.9	ACP5	0.516000587	3.07E-31
RP5-875H18.9	DLG4	0.144883328	0.002341863
RP5-875H18.9	ETNK2	0.352891175	2.55E-14
RP5-875H18.9	CD109	0.505728026	6.98E-30
RP5-875H18.9	SNX22	0.335086772	5.58E-13
RP5-875H18.9	TMEM98	0.448707047	3.91E-23
RP5-875H18.9	CTHRC1	0.557702152	3.02E-37
RP5-875H18.9	S100A2	0.77172106	6.20E-88
RP5-875H18.9	C11orf80	0.702412297	1.61E-66
RP5-875H18.9	SREBF1	0.523589021	2.85E-32
RP5-875H18.9	PRSS22	0.665602698	1.67E-57
RP5-875H18.9	CMTM3	0.714741782	7.38E-70
RP5-875H18.9	RDH5	0.386455537	4.36E-17
RP5-875H18.9	MYH10	0.4497348	3.03E-23
RP5-875H18.9	EVPL	0.506457778	5.61E-30
RP5-875H18.9	SCD	0.47823529	1.80E-26
RP5-875H18.9	CD151	0.532623343	1.56E-33
RP5-875H18.9	S100A4	0.545466563	2.14E-35
RP5-875H18.9	BNIP1	0.360039771	6.98E-15
RP5-875H18.9	MAP3K6	0.645616556	3.96E-53
RP5-875H18.9	MANEAL	0.415867047	8.69E-20
RP5-875H18.9	CD207	0.53233026	1.71E-33
RP5-875H18.9	CD1A	0.585043896	1.13E-41
RP5-875H18.9	C3	0.508530871	3.01E-30
RP5-875H18.9	NT5E	0.554079345	1.08E-36
RP5-875H18.9	CACNG4	0.700833011	4.18E-66
RP5-875H18.9	FHOD1	0.451375998	2.01E-23

RP5-875H18.9	LEMD1	0.583412987	2.14E-41
RP5-875H18.9	ATP11A	0.222060796	2.62E-06
RP5-875H18.9	PPAP2C	0.458968829	2.95E-24
RP5-875H18.9	DRAM1	0.668143145	4.38E-58
RP5-875H18.9	CDA	0.305381234	6.28E-11
RP5-875H18.9	CCND2	0.312824426	2.02E-11
RP5-875H18.9	LCN6	0.210620921	8.57E-06
RP5-875H18.9	CDH4	0.500380053	3.40E-29
RP5-875H18.9	MMP11	0.663998094	3.85E-57
RP5-875H18.9	B3GAT1	0.304001157	7.72E-11
RP5-875H18.9	SPP1	0.343848626	1.25E-13
RP5-875H18.9	HLA-DQB1	0.498508085	5.89E-29
RP5-875H18.9	SDC3	0.526488883	1.13E-32
RP5-875H18.9	CX3CL1	0.552154047	2.13E-36
RP5-875H18.9	SDK1	0.460835691	1.82E-24
RP5-875H18.9	DOCK9	0.363611091	3.61E-15
RP5-875H18.9	CSF2	0.718123678	8.35E-71
RP5-875H18.9	GRHL3	0.75513816	3.66E-82
RP5-875H18.9	TMEM92	0.749242816	3.20E-80
RP5-875H18.9	BASP1	0.659056626	4.92E-56
RP5-875H18.9	HRH1	0.695044845	1.32E-64
RP5-875H18.9	ESM1	-0.042748181	0.371574108
RP5-875H18.9	B4GALNT3	0.563380747	3.93E-38
RP5-875H18.9	LMO3	0.296620799	2.29E-10
RP5-875H18.9	C9orf16	0.708687743	3.38E-68
RP5-875H18.9	SEMA3F	0.197623234	3.05E-05
RP5-875H18.9	PLA2G12B	0.116006985	0.015019766
RP5-875H18.9	KLK6	0.480349073	1.01E-26
RP5-875H18.9	ST3GAL5	0.321657056	5.03E-12
RP5-875H18.9	FAM132B	0.160408832	0.000742934
RP5-875H18.9	CDKN1A	0.51990565	9.11E-32
RP5-875H18.9	E2F1	0.525226957	1.70E-32
RP5-875H18.9	B3GNT8	0.433642231	1.49E-21
RP5-875H18.9	MTMR11	0.603636281	6.28E-45
RP5-875H18.9	MYO1G	0.603654578	6.23E-45
RP5-875H18.9	TMSB10	0.699064513	1.21E-65
RP5-875H18.9	UNC5CL	0.718039072	8.82E-71
RP5-875H18.9	ABR	0.630537272	4.88E-50
RP5-875H18.9	PLP2	0.677412917	2.97E-60
RP5-875H18.9	SRCIN1	0.382187655	1.02E-16
RP5-875H18.9	PDE9A	0.697747128	2.66E-65
RP5-875H18.9	TREM2	0.454534855	9.10E-24
RP5-875H18.9	KDEL3	0.531320852	2.38E-33
RP5-875H18.9	PC	0.42842177	5.04E-21
RP5-875H18.9	C2CD4A	0.678243232	1.88E-60
RP5-875H18.9	PELI1	0.613516805	9.52E-47
RP5-875H18.9	SSX1	0.340575306	2.20E-13
RP5-875H18.9	MROH6	0.627170907	2.27E-49
RP5-875H18.9	ESPN	0.464840181	6.45E-25
RP5-875H18.9	BMP1	0.428792816	4.63E-21
RP5-875H18.9	TM4SF4	0.513739073	6.17E-31

RP5-875H18.9	COR02A	0.442565211	1.76E-22
RP5-875H18.9	CD164L2	0.560656074	1.05E-37
RP5-875H18.9	CTSS	0.4978345	7.17E-29
RP5-875H18.9	CLU	0.508980212	2.63E-30
RP5-875H18.9	TMSB4X	0.667146171	7.41E-58
RP5-875H18.9	WNT10A	0.542129861	6.63E-35
RP5-875H18.9	NAPSA	0.576654726	2.86E-40
RP5-875H18.9	PLEKHA4	0.411108408	2.48E-19
RP5-875H18.9	SFTPA1	0.189880697	6.24E-05
RP5-875H18.9	C1orf116	0.498517304	5.87E-29
RP5-875H18.9	TM4SF1	0.637871676	1.61E-51
RP5-875H18.9	SEL1L3	0.49188145	3.99E-28
RP5-875H18.9	VASN	0.625643888	4.52E-49
RP5-875H18.9	NPTXR	0.62794236	1.60E-49
RP5-875H18.9	PDE4C	0.612160982	1.71E-46
RP5-875H18.9	CDC42EP1	0.64462795	6.39E-53
RP5-875H18.9	ENDOD1	0.574920624	5.52E-40
RP5-875H18.9	RYR1	0.497017801	9.09E-29
RP5-875H18.9	IL1RAP	0.554151824	1.06E-36
RP5-875H18.9	SLC35F2	0.54138706	8.52E-35
RP5-875H18.9	ISYNA1	0.410628147	2.75E-19
RP5-875H18.9	HLA-G	0.666914125	8.37E-58
RP5-875H18.9	CDKN2B	0.695180016	1.22E-64
RP5-875H18.9	ALDH1A3	0.675555701	8.19E-60
RP5-875H18.9	CLIP3	0.458571827	3.26E-24
RP5-875H18.9	ULBP2	0.585160563	1.08E-41
RP5-875H18.9	ETHE1	0.759266475	1.48E-83
RP5-875H18.9	XPR1	0.546722106	1.39E-35
RP5-875H18.9	SPTBN2	0.652632251	1.26E-54
RP5-875H18.9	IVL	0.736223842	4.05E-76
RP5-875H18.9	MARCO	0.60504203	3.49E-45
RP5-875H18.9	PLXND1	0.254772858	6.22E-08
RP5-875H18.9	EMILIN2	0.521868252	4.92E-32
RP5-875H18.9	PLAUR	0.725083276	8.48E-73
RP5-875H18.9	CDC42EP5	0.658839474	5.50E-56
RP5-875H18.9	TRPC5	0.104980534	0.027849793
RP5-875H18.9	TMEM100	0.49835873	6.15E-29
RP5-875H18.9	QSOX1	0.596453786	1.21E-43
RP5-875H18.9	ARHGAP23	0.446348294	6.99E-23
RP5-875H18.9	MDFI	0.481332305	7.70E-27
RP5-875H18.9	FSTL3	0.693208904	3.87E-64
RP5-875H18.9	INF2	0.442505214	1.79E-22
RP5-875H18.9	TGFBR1	0.492511916	3.33E-28
RP5-875H18.9	TGFBI	0.407181219	5.82E-19
RP5-875H18.9	ERBB3	0.609749891	4.78E-46
RP5-875H18.9	CCL18	0.469592438	1.85E-25
RP5-875H18.9	CCL17	0.690198363	2.23E-63
RP5-875H18.9	C16orf45	0.314012455	1.68E-11
RP5-875H18.9	PRDM1	0.229516044	1.17E-06
RP5-875H18.9	TRIM47	0.736108993	4.39E-76
RP5-875H18.9	CNFN	0.587100613	5.07E-42

RP5-875H18.9	ARMCX3	0.248602655	1.31E-07
RP5-875H18.9	RAMP1	0.394492744	8.48E-18
RP5-875H18.9	GABRD	0.01760271	0.713026335
RP5-875H18.9	COL13A1	0.19538022	3.76E-05
RP5-875H18.9	S100A5	0.482206874	6.05E-27
RP5-875H18.9	MISP	0.691432535	1.09E-63
RP5-875H18.9	HES6	0.306976903	4.93E-11
RP5-875H18.9	PSD3	0.400253463	2.55E-18
RP5-875H18.9	DOK7	0.579654016	9.13E-41
RP5-875H18.9	ZMAT3	0.513917849	5.84E-31
RP5-875H18.9	MFAP2	0.391037873	1.72E-17
RP5-875H18.9	TMEM79	0.548451386	7.68E-36
RP5-875H18.9	SLC1A5	0.509820314	2.04E-30
RP5-875H18.9	BBC3	0.621465647	2.93E-48
RP5-875H18.9	HLA-DQB2	0.569631088	3.98E-39
RP5-875H18.9	C1QL1	0.341723053	1.81E-13
RP5-875H18.9	TMEM215	0.16484238	0.000524864
RP5-875H18.9	PNP	0.574596101	6.23E-40
RP5-875H18.9	ARNTL	0.500374663	3.41E-29
RP5-875H18.9	CLDN2	0.354357926	1.96E-14
RP5-875H18.9	MVP	0.748410537	5.96E-80
RP5-875H18.9	LGALS1	0.717761071	1.06E-70
RP5-875H18.9	BIRC7	0.516597663	2.55E-31
RP5-875H18.9	COL8A1	0.558067241	2.65E-37
RP5-875H18.9	PERP	0.726562922	3.14E-73
RP5-875H18.9	GJA4	0.186416674	8.52E-05
RP5-875H18.9	IGFL2	0.666891013	8.47E-58
RP5-875H18.9	DAPK2	0.436470607	7.62E-22
RP5-875H18.9	MAMLD1	0.612322535	1.59E-46
RP5-875H18.9	ETV5	0.160947529	0.000712555
RP5-875H18.9	RUNX1	0.740462262	1.99E-77
RP5-875H18.9	LONRF2	0.210161077	8.98E-06
RP5-875H18.9	SPOCK1	0.067091989	0.160525329
RP5-875H18.9	XKRX	0.375371667	3.88E-16
RP5-875H18.9	TGFB1	0.328872458	1.57E-12
RP5-875H18.9	ERP27	0.346577858	7.79E-14
RP5-875H18.9	TNFRSF10C	0.476431829	2.94E-26
RP5-875H18.9	PALM	0.557156078	3.66E-37
RP5-875H18.9	TSC22D1	0.279185599	2.65E-09
RP5-875H18.9	TGM2	0.67249613	4.29E-59
RP5-875H18.9	UBE2QL1	0.155434884	0.001085722
RP5-875H18.9	ECE1	0.564987905	2.19E-38
RP5-875H18.9	COL8A2	0.617405414	1.76E-47
RP5-875H18.9	HIST3H2A	0.532319386	1.72E-33
RP5-875H18.9	TNFRSF21	0.675135862	1.03E-59
RP5-875H18.9	SOX4	0.603679967	6.17E-45
RP5-875H18.9	ELF3	0.712985553	2.26E-69
RP5-875H18.9	TPD52L1	0.445029492	9.66E-23
RP5-875H18.9	INHBB	0.397293462	4.74E-18
RP5-875H18.9	HPN	0.379541965	1.72E-16
RP5-875H18.9	MMP7	0.64523204	4.77E-53

RP5-875H18.9	RAB27A	0.446820896	6.23E-23
RP5-875H18.9	IGF2BP2	0.396632784	5.44E-18
RP5-875H18.9	ITGB4	0.680621701	5.05E-61
RP5-875H18.9	PPP1R1B	0.452714375	1.44E-23
RP5-875H18.9	NPDC1	0.416420071	7.69E-20
RP5-875H18.9	CCL13	0.703364274	9.01E-67
RP5-875H18.9	SPINT1	0.740064125	2.65E-77
RP5-875H18.9	HEY2	0.23262157	8.31E-07
RP5-875H18.9	CST2	0.751497361	5.88E-81
RP5-875H18.9	ADM	0.326505762	2.30E-12
RP5-875H18.9	VSTM2L	0.656515471	1.79E-55
RP5-875H18.9	FAM84A	0.628295535	1.36E-49
RP5-875H18.9	P4HA2	0.458018662	3.76E-24
RP5-875H18.9	LPL	0.348087715	5.98E-14
RP5-875H18.9	TMEM173	0.539961718	1.37E-34
RP5-875H18.9	DHRS3	0.473365308	6.74E-26
RP5-875H18.9	SCN1B	0.62174308	2.59E-48
RP5-875H18.9	GLT1D1	0.13747517	0.003902634
RP5-875H18.9	PHYHIP	0.550695534	3.54E-36
RP5-875H18.9	BHLHE40	0.596615622	1.13E-43
RP5-875H18.9	BID	0.604902178	3.70E-45
RP5-875H18.9	POSTN	0.478000691	1.92E-26
RP5-875H18.9	ITGA3	0.840680053	1.78E-118
RP5-875H18.9	RSP04	0.587942701	3.64E-42
RP5-875H18.9	ADAMTS9	0.101770909	0.033023658
RP5-875H18.9	ABTB2	0.645635562	3.93E-53
RP5-875H18.9	KCNQ3	0.679442041	9.71E-61
RP5-875H18.9	ANXA1	0.513188948	7.30E-31
RP5-875H18.9	S100A11	0.824819955	2.77E-110
RP5-875H18.9	CEACAM6	0.741194459	1.18E-77
RP5-875H18.9	IER5L	0.615361114	4.28E-47
RP5-875H18.9	KRT80	0.62986851	6.63E-50
RP5-875H18.9	CDH6	0.760788672	4.47E-84
RP5-875H18.9	UNC5B	0.394526359	8.42E-18
RP5-875H18.9	PLEKHN1	0.725237311	7.65E-73
RP5-875H18.9	SYTL1	0.59476961	2.39E-43
RP5-875H18.9	TMEM163	0.674008256	1.90E-59
RP5-875H18.9	C4orf48	0.384364573	6.63E-17
RP5-875H18.9	B3GNT7	0.334393188	6.27E-13
RP5-875H18.9	BAIAP3	0.366987526	1.92E-15
RP5-875H18.9	PHLDA2	0.732844751	4.29E-75
RP5-875H18.9	GAP43	0.605618712	2.74E-45
RP5-875H18.9	S100A1	0.534738988	7.78E-34
RP5-875H18.9	PTPRE	0.62096638	3.66E-48
RP5-875H18.9	CCND1	0.53517769	6.74E-34
RP5-875H18.9	ST6GALNAC5	0.768947127	6.19E-87
RP5-875H18.9	KRT17	0.451321817	2.04E-23
RP5-875H18.9	HPCAL4	0.278547048	2.89E-09
RP5-875H18.9	GABBR2	0.308113444	4.15E-11
RP5-875H18.9	DIRAS3	0.296872985	2.21E-10
RP5-875H18.9	SERINC2	0.553061238	1.55E-36

RP5-875H18.9	PTCHD4	0.505613563	7.22E-30
RP5-875H18.9	EPS8	0.275028208	4.64E-09
RP5-875H18.9	LY6E	0.580825592	5.82E-41
RP5-875H18.9	UPP1	0.769005586	5.90E-87
RP5-875H18.9	AHNAK2	0.730373379	2.36E-74
RP5-875H18.9	PLXNC1	0.386475111	4.34E-17
RP5-875H18.9	TNC	0.620107271	5.35E-48
RP5-875H18.9	DUSP4	0.418806624	4.51E-20
RP5-875H18.9	NRCAM	0.363548115	3.66E-15
RP5-875H18.9	NRP2	0.418732585	4.59E-20
RP5-875H18.9	CTSC	0.695234198	1.18E-64
RP5-875H18.9	AMIGO2	0.415988886	8.46E-20
RP5-875H18.9	NAB2	0.419721049	3.67E-20
RP5-875H18.9	TBC1D2	0.732780074	4.49E-75
RP5-875H18.9	PHLDA3	0.707440994	7.34E-68
RP5-875H18.9	PTP4A3	0.553104923	1.53E-36
RP5-875H18.9	CRABP2	0.431047745	2.74E-21
RP5-875H18.9	GOS2	0.436781089	7.08E-22
RP5-875H18.9	S100A6	0.82216845	5.39E-109
RP5-875H18.9	FOXQ1	0.57118917	2.23E-39
RP5-875H18.9	LRG1	0.577121513	2.40E-40
RP5-875H18.9	LAMP5	0.536650386	4.14E-34
RP5-875H18.9	ALDH3B1	0.656103717	2.20E-55
RP5-875H18.9	CDH2	-0.070615652	0.139625151
RP5-875H18.9	SCG5	0.201500212	2.10E-05
RP5-875H18.9	ZCCHC16	0.109153899	0.022175641
RP5-875H18.9	GRB7	0.581667254	4.21E-41
RP5-875H18.9	TIAM1	0.457500388	4.29E-24
RP5-875H18.9	FXYD5	0.508084509	3.44E-30
RP5-875H18.9	CLDN9	0.573618133	9.00E-40
RP5-875H18.9	FAM43A	0.441667382	2.19E-22
RP5-875H18.9	CHST2	0.453406966	1.21E-23
RP5-875H18.9	HMGA2	0.461614235	1.49E-24
RP5-875H18.9	GALNT7	0.382389773	9.82E-17
RP5-875H18.9	CBLN1	0.55899358	1.90E-37
RP5-875H18.9	STRA6	0.570974003	2.42E-39
RP5-875H18.9	MUC21	0.652050427	1.68E-54
RP5-875H18.9	PRR36	0.511361801	1.28E-30
RP5-875H18.9	NFE2L3	0.634045191	9.66E-51
RP5-875H18.9	NR1D1	0.373147517	5.96E-16
RP5-875H18.9	MUC1	0.781810084	1.09E-91
RP5-875H18.9	NAT8L	0.141729577	0.002919065
RP5-875H18.9	APOC1	0.205143727	1.48E-05
RP5-875H18.9	EVA1A	0.743484955	2.24E-78
RP5-875H18.9	ENTPD1	0.189903742	6.23E-05
RP5-875H18.9	COL1A1	0.612781237	1.31E-46
RP5-875H18.9	FNDC4	0.61607186	3.14E-47
RP5-875H18.9	FRMD3	0.034448434	0.471567676
RP5-875H18.9	SHROOM4	0.43689924	6.88E-22
RP5-875H18.9	NELL2	0.175783988	0.000214376
RP5-875H18.9	EPHB3	0.666960222	8.17E-58

RP5-875H18.9	TMC6	0.602034797	1.22E-44
RP5-875H18.9	NOD1	0.396293793	5.84E-18
RP5-875H18.9	GGCT	0.586069456	7.60E-42
RP5-875H18.9	ICAM1	0.625039945	5.94E-49
RP5-875H18.9	PRSS23	0.572949512	1.16E-39
RP5-875H18.9	CFI	0.586060095	7.63E-42
RP5-875H18.9	CD55	0.719944371	2.55E-71
RP5-875H18.9	RASD2	0.462334343	1.24E-24
RP5-875H18.9	KLK11	0.340576901	2.20E-13
RP5-875H18.9	ICAM5	0.466585063	4.08E-25
RP5-875H18.9	ADORA1	0.534907774	7.36E-34
RP5-875H18.9	ITGA2	0.701070233	3.63E-66
RP5-875H18.9	ABCC3	0.317829295	9.24E-12
RP5-875H18.9	MFGE8	0.623800713	1.04E-48
RP5-875H18.9	STK32A	0.395276253	7.21E-18
RP5-875H18.9	CYSLTR2	0.328151925	1.76E-12
RP5-875H18.9	LAD1	0.611696465	2.08E-46
RP5-875H18.9	MGAT3	0.598238665	5.83E-44
RP5-875H18.9	IGFBP6	0.578685694	1.32E-40
RP5-875H18.9	CYP2S1	0.766607119	4.20E-86
RP5-875H18.9	KCNJ2	0.481125365	8.15E-27
RP5-875H18.9	FAM20A	0.580664323	6.19E-41
RP5-875H18.9	TGFA	0.387187417	3.76E-17
RP5-875H18.9	MXRA8	0.617291377	1.85E-47
RP5-875H18.9	C8orf4	0.610305184	3.78E-46
RP5-875H18.9	CLDN10	0.65680084	1.55E-55
RP5-875H18.9	PDE5A	0.40276072	1.50E-18
RP5-875H18.9	APOE	0.184266989	0.000103127
RP5-875H18.9	SPOCK2	0.604258947	4.85E-45
RP5-875H18.9	TENM1	0.139902856	0.003309856
RP5-875H18.9	SLIT1	0.203332891	1.76E-05
RP5-875H18.9	CXCL14	0.421385509	2.52E-20
RP5-875H18.9	ECM1	0.297710251	1.96E-10
RP5-875H18.9	DUSP5	0.708353007	4.17E-68
RP5-875H18.9	SEZ6L2	0.552143267	2.14E-36
RP5-875H18.9	THRSP	0.157248982	0.000946623
RP5-875H18.9	C19orf33	0.751681729	5.12E-81
RP5-875H18.9	MPZL2	0.553639792	1.27E-36
RP5-875H18.9	CTSH	0.528834445	5.33E-33
RP5-875H18.9	CYP1B1	0.495069525	1.60E-28
RP5-875H18.9	ALOX5	0.754802006	4.74E-82
RP5-875H18.9	SYTL5	0.527889828	7.23E-33
RP5-875H18.9	TNFRSF12A	0.633753573	1.11E-50
RP5-875H18.9	DUSP6	0.587318759	4.65E-42
RP5-875H18.9	ALOX15B	0.749011926	3.81E-80
RP5-875H18.9	SDC4	0.528453329	6.03E-33
RP5-875H18.9	MDK	0.559371292	1.66E-37
RP5-875H18.9	KRT19	0.841952191	3.58E-119
RP5-875H18.9	MET	0.595618364	1.69E-43
RP5-875H18.9	TESC	0.178059624	0.000176738
RP5-875H18.9	CXCL17	0.707849368	5.70E-68

RP5-875H18.9	NPC2	0.485757627	2.25E-27
RP5-875H18.9	COMP	0.593874334	3.42E-43
RP5-875H18.9	TUSC3	0.415490044	9.45E-20
RP5-875H18.9	TMPRSS4	0.762994666	7.74E-85
RP5-875H18.9	LGALS3	0.709572949	1.95E-68
RP5-875H18.9	CRLF1	0.595660206	1.66E-43
RP5-875H18.9	CTXN1	0.640875504	3.88E-52
RP5-875H18.9	PCSK1N	0.39364711	1.01E-17
RP5-875H18.9	NMU	0.529069261	4.94E-33
RP5-875H18.9	GALE	0.577700776	1.92E-40
RP5-875H18.9	PCSK2	0.322623535	4.31E-12
RP5-875H18.9	GJB3	0.566109979	1.45E-38
RP5-875H18.9	SLPI	0.783519365	2.40E-92
RP5-875H18.9	AGR2	0.364427931	3.10E-15
RP5-875H18.9	MRC2	0.584461164	1.42E-41
RP5-875H18.9	GOLT1A	0.454029064	1.03E-23
RP5-875H18.9	SLC27A6	0.562020193	6.42E-38
RP5-875H18.9	KCNN4	0.796477189	1.60E-97
RP5-875H18.9	ETV4	0.37004477	1.08E-15
RP5-875H18.9	SYT12	0.577963458	1.74E-40
RP5-875H18.9	PVRL4	0.715100346	5.87E-70
RP5-875H18.9	PLCD3	0.547591001	1.03E-35
RP5-875H18.9	PLAU	0.769461309	4.05E-87
RP5-875H18.9	LRRK2	0.127157646	0.00764205
RP5-875H18.9	SFN	0.813411278	6.93E-105
RP5-875H18.9	LPAR5	0.412165521	1.97E-19
RP5-875H18.9	NGEF	0.642522377	1.76E-52
RP5-875H18.9	DTX4	0.542685277	5.50E-35
RP5-875H18.9	CST6	0.667092982	7.62E-58
RP5-875H18.9	QPCT	0.383995087	7.14E-17
RP5-875H18.9	TIMP1	0.633259838	1.39E-50
RP5-875H18.9	CAMK2N1	0.517307334	2.05E-31
RP5-875H18.9	KLHDC8A	0.269298977	9.89E-09
RP5-875H18.9	PDLIM4	0.751724847	4.95E-81
RP5-875H18.9	SCEL	0.57384181	8.28E-40
RP5-875H18.9	LCN2	0.8064309	9.19E-102
RP5-875H18.9	PROS1	0.62012415	5.31E-48
RP5-875H18.9	GABRB2	0.563293234	4.05E-38
RP5-875H18.9	TMPRSS6	0.69527065	1.15E-64
RP5-875H18.9	KLK7	0.519764703	9.52E-32
RP5-875H18.9	PDZK1IP1	0.641948929	2.32E-52
RP5-875H18.9	CDH3	0.475426487	3.87E-26
RP5-875H18.9	LRP4	0.179798549	0.000152253
RP5-875H18.9	IGSF1	0.34861691	5.45E-14
RP5-875H18.9	B3GNT3	0.784396628	1.10E-92
RP5-875H18.9	CLDN1	0.653488948	8.20E-55
RP5-875H18.9	GDF15	0.707079593	9.19E-68
RP5-875H18.9	ARHGAP36	0.42468645	1.19E-20
RP5-875H18.9	LAMB3	0.651104238	2.69E-54
RP5-875H18.9	KLK10	0.569803137	3.73E-39
RP5-875H18.9	DPP4	0.549333471	5.67E-36

RP5-875H18.9	METTL7B	0.412729608	1.74E-19
RP5-875H18.9	LIPH	0.656782692	1.56E-55
RP5-875H18.9	CLDN16	0.570147943	3.29E-39
RP5-875H18.9	CHI3L1	0.615551318	3.94E-47
RP5-875H18.9	SLC22A31	0.625636096	4.54E-49
RP5-875H18.9	TACSTD2	0.655434387	3.09E-55
RP5-875H18.9	SFTPB	0.779303253	9.73E-91
RP5-875H18.9	RXRG	0.243986562	2.27E-07
RP5-875H18.9	DCSTAMP	0.606868654	1.62E-45
RP5-875H18.9	CITED1	0.446607714	6.56E-23
RP5-875H18.9	SERPINA1	0.734920114	1.01E-75
RP5-875H18.9	PRR15	0.34703585	7.19E-14
RP5-875H18.9	SLC34A2	0.668877294	2.97E-58
RP5-875H18.9	FN1	0.764849046	1.75E-85
RP5-875H18.9	ZCCHC12	0.266959088	1.34E-08
RP11-1036E20.9	TFF3	-0.581516711	4.46E-41
RP11-1036E20.9	CCL21	-0.262993518	2.23E-08
RP11-1036E20.9	TPO	-0.598758416	4.71E-44
RP11-1036E20.9	MT1G	-0.572931218	1.16E-39
RP11-1036E20.9	DIO1	-0.617105917	2.00E-47
RP11-1036E20.9	DPT	-0.210759075	8.45E-06
RP11-1036E20.9	CDH16	-0.522234943	4.38E-32
RP11-1036E20.9	CRABP1	-0.414795561	1.10E-19
RP11-1036E20.9	SLC26A7	-0.518618867	1.36E-31
RP11-1036E20.9	MT1H	-0.516008296	3.07E-31
RP11-1036E20.9	SLC26A4	-0.498692326	5.58E-29
RP11-1036E20.9	SLC5A8	-0.567278662	9.47E-39
RP11-1036E20.9	PKHD1L1	-0.526777904	1.03E-32
RP11-1036E20.9	TFCP2L1	-0.535053177	7.02E-34
RP11-1036E20.9	WSCD2	-0.578639675	1.35E-40
RP11-1036E20.9	IPCEF1	-0.541030437	9.60E-35
RP11-1036E20.9	SLC5A5	-0.40426227	1.09E-18
RP11-1036E20.9	MT1F	-0.608980971	6.63E-46
RP11-1036E20.9	FOSB	-0.412887183	1.68E-19
RP11-1036E20.9	SEMA3D	-0.553752439	1.22E-36
RP11-1036E20.9	BMP8A	-0.495455157	1.43E-28
RP11-1036E20.9	MATN2	-0.575776215	3.99E-40
RP11-1036E20.9	PLA2R1	-0.49890476	5.24E-29
RP11-1036E20.9	COL23A1	-0.481041994	8.34E-27
RP11-1036E20.9	HGD	-0.617214368	1.91E-47
RP11-1036E20.9	TCEAL2	-0.500443655	3.34E-29
RP11-1036E20.9	CHRDL1	-0.246123969	1.76E-07
RP11-1036E20.9	TNFRSF11B	-0.491553163	4.38E-28
RP11-1036E20.9	FAM167A	-0.619710887	6.38E-48
RP11-1036E20.9	KIT	-0.493994073	2.18E-28
RP11-1036E20.9	SLC4A4	-0.596617965	1.13E-43
RP11-1036E20.9	SMOC2	-0.351699954	3.15E-14
RP11-1036E20.9	FHL1	-0.670222815	1.45E-58
RP11-1036E20.9	OTOS	-0.588712831	2.68E-42
RP11-1036E20.9	IGFBPL1	-0.549155603	6.03E-36
RP11-1036E20.9	HBB	-0.38539519	5.40E-17

RP11-1036E20.9	BEX1	-0.557043849	3.81E-37
RP11-1036E20.9	FABP4	-0.520627675	7.27E-32
RP11-1036E20.9	LMOD1	-0.517489025	1.94E-31
RP11-1036E20.9	SOD3	-0.588737656	2.66E-42
RP11-1036E20.9	TMEM171	-0.451631774	1.89E-23
RP11-1036E20.9	PI16	-0.274576982	4.93E-09
RP11-1036E20.9	ZMAT4	-0.647541342	1.55E-53
RP11-1036E20.9	MFAP4	-0.175581437	0.000218067
RP11-1036E20.9	CWH43	-0.468805225	2.27E-25
RP11-1036E20.9	SPX	-0.629318196	8.53E-50
RP11-1036E20.9	APOD	-0.084007354	0.078706642
RP11-1036E20.9	DPP6	-0.5214101	5.68E-32
RP11-1036E20.9	MMRN1	-0.334706646	5.95E-13
RP11-1036E20.9	WDR72	-0.413628045	1.43E-19
RP11-1036E20.9	MPPED2	-0.643100296	1.34E-52
RP11-1036E20.9	PAPSS2	-0.372088462	7.31E-16
RP11-1036E20.9	DCN	-0.025433892	0.595096012
RP11-1036E20.9	SORBS2	-0.630040333	6.13E-50
RP11-1036E20.9	EGR2	-0.338822423	2.97E-13
RP11-1036E20.9	EDN3	-0.542976009	4.98E-35
RP11-1036E20.9	DI02	-0.530051911	3.60E-33
RP11-1036E20.9	ITPR1	-0.630650685	4.64E-50
RP11-1036E20.9	CFD	-0.270874017	8.05E-09
RP11-1036E20.9	CPXM1	-0.363180663	3.91E-15
RP11-1036E20.9	ELM01	-0.643282018	1.22E-52
RP11-1036E20.9	GPC3	-0.416896792	6.91E-20
RP11-1036E20.9	MYOC	-0.160314721	0.000748363
RP11-1036E20.9	DEPTOR	-0.636932447	2.51E-51
RP11-1036E20.9	DGKI	-0.528089637	6.78E-33
RP11-1036E20.9	CARTPT	-0.506012666	6.41E-30
RP11-1036E20.9	IYD	-0.333004826	7.91E-13
RP11-1036E20.9	LYVE1	-0.283810633	1.41E-09
RP11-1036E20.9	CLCNKB	-0.602514791	1.00E-44
RP11-1036E20.9	NCAM1	-0.438013168	5.28E-22
RP11-1036E20.9	HBA2	-0.372758891	6.43E-16
RP11-1036E20.9	GLT8D2	-0.445976748	7.66E-23
RP11-1036E20.9	OGDHL	-0.455773582	6.65E-24
RP11-1036E20.9	LIFR	-0.509463523	2.27E-30
RP11-1036E20.9	CSGALNACT1	-0.466584571	4.08E-25
RP11-1036E20.9	RAP1GAP	-0.465809095	5.00E-25
RP11-1036E20.9	COL9A3	-0.560078938	1.29E-37
RP11-1036E20.9	FBLN1	-0.08838699	0.064276702
RP11-1036E20.9	EFEMP1	-0.422193324	2.10E-20
RP11-1036E20.9	AOX1	-0.459259589	2.73E-24
RP11-1036E20.9	GRIN2C	-0.590540552	1.30E-42
RP11-1036E20.9	C11orf74	-0.559978785	1.34E-37
RP11-1036E20.9	PPARGC1A	-0.528676936	5.61E-33
RP11-1036E20.9	ANGPTL1	-0.541156338	9.20E-35
RP11-1036E20.9	SCARA5	-0.208517513	1.06E-05
RP11-1036E20.9	LTF	-0.444854779	1.01E-22
RP11-1036E20.9	CA4	-0.607107077	1.47E-45

RP11-1036E20.9	TG	-0.538356168	2.35E-34
RP11-1036E20.9	FCGBP	-0.637955823	1.55E-51
RP11-1036E20.9	PBX4	-0.513154217	7.38E-31
RP11-1036E20.9	CYR61	-0.42551653	9.85E-21
RP11-1036E20.9	FOS	-0.451070861	2.17E-23
RP11-1036E20.9	KHDRBS2	-0.473468954	6.55E-26
RP11-1036E20.9	MUM1L1	-0.533092462	1.34E-33
RP11-1036E20.9	RGS16	-0.463184264	9.93E-25
RP11-1036E20.9	MT1M	-0.526561594	1.11E-32
RP11-1036E20.9	LRP2	-0.524179769	2.37E-32
RP11-1036E20.9	MAFB	-0.474234074	5.33E-26
RP11-1036E20.9	KCNK2	-0.459362421	2.66E-24
RP11-1036E20.9	TBC1D4	-0.481305002	7.76E-27
RP11-1036E20.9	MIOX	-0.57560267	4.26E-40
RP11-1036E20.9	TPPP	-0.49387186	2.26E-28
RP11-1036E20.9	FMOD	-0.487753946	1.29E-27
RP11-1036E20.9	CITED2	-0.445284118	9.08E-23
RP11-1036E20.9	RGS8	-0.5705967	2.78E-39
RP11-1036E20.9	ABI3BP	-0.227345277	1.49E-06
RP11-1036E20.9	ADH1B	-0.295661828	2.63E-10
RP11-1036E20.9	OGN	-0.154236082	0.001187732
RP11-1036E20.9	NR4A1	-0.388912744	2.66E-17
RP11-1036E20.9	FOXJ1	-0.599212898	3.91E-44
RP11-1036E20.9	ALDH1A1	-0.605927369	2.41E-45
RP11-1036E20.9	OCA2	-0.519578252	1.01E-31
RP11-1036E20.9	TMEM139	-0.292497485	4.15E-10
RP11-1036E20.9	ARHGAP24	-0.57932512	1.04E-40
RP11-1036E20.9	SLC25A15	-0.485556539	2.38E-27
RP11-1036E20.9	DES	-0.231471524	9.45E-07
RP11-1036E20.9	GDF10	-0.40604139	7.44E-19
RP11-1036E20.9	KIAA1324	-0.572801913	1.22E-39
RP11-1036E20.9	JUN	-0.438302278	4.92E-22
RP11-1036E20.9	C7	-0.014288397	0.765293453
RP11-1036E20.9	LGI3	-0.667258514	6.98E-58
RP11-1036E20.9	CDON	-0.678801074	1.38E-60
RP11-1036E20.9	BCL2	-0.596197067	1.34E-43
RP11-1036E20.9	HLF	-0.627615525	1.85E-49
RP11-1036E20.9	EGR1	-0.437159314	6.47E-22
RP11-1036E20.9	IP6K3	-0.433316475	1.61E-21
RP11-1036E20.9	SCUBE3	-0.462527666	1.18E-24
RP11-1036E20.9	PKNOX2	-0.610412619	3.61E-46
RP11-1036E20.9	SMAD9	-0.480045571	1.10E-26
RP11-1036E20.9	IQGAP2	-0.553329606	1.41E-36
RP11-1036E20.9	GNA14	-0.676815179	4.12E-60
RP11-1036E20.9	LAYN	-0.488886129	9.34E-28
RP11-1036E20.9	AVPR1A	-0.542806947	5.28E-35
RP11-1036E20.9	PDLIM3	-0.438934618	4.23E-22
RP11-1036E20.9	GPM6A	-0.420920416	2.80E-20
RP11-1036E20.9	SDPR	-0.46379036	8.48E-25
RP11-1036E20.9	CRYAB	-0.19258893	4.87E-05
RP11-1036E20.9	FOXA2	-0.489629737	7.57E-28

RP11-1036E20.9	C8orf88	-0.452074518	1.69E-23
RP11-1036E20.9	ISM1	-0.500247818	3.54E-29
RP11-1036E20.9	BMP2	-0.346683581	7.65E-14
RP11-1036E20.9	ID4	-0.614400793	6.50E-47
RP11-1036E20.9	NUPR1	-0.286194373	1.01E-09
RP11-1036E20.9	SERTM1	-0.501632159	2.35E-29
RP11-1036E20.9	IRS1	-0.601608804	1.46E-44
RP11-1036E20.9	FIBIN	-0.176898462	0.000195093
RP11-1036E20.9	PODN	-0.111128739	0.019859858
RP11-1036E20.9	TDRD9	-0.390253531	2.02E-17
RP11-1036E20.9	EPHA3	-0.294506361	3.11E-10
RP11-1036E20.9	AIF1L	-0.370581983	9.74E-16
RP11-1036E20.9	EBF4	-0.668705696	3.25E-58
RP11-1036E20.9	ADM2	-0.548336568	7.99E-36
RP11-1036E20.9	GSTM3	-0.617903807	1.41E-47
RP11-1036E20.9	HSD17B6	-0.301632473	1.10E-10
RP11-1036E20.9	AGR3	-0.33214726	9.12E-13
RP11-1036E20.9	EPHB1	-0.389242284	2.48E-17
RP11-1036E20.9	TMOD1	-0.335067396	5.60E-13
RP11-1036E20.9	WASF3	-0.591656846	8.33E-43
RP11-1036E20.9	SELV	-0.654657471	4.57E-55
RP11-1036E20.9	ENPP1	-0.190318891	6.00E-05
RP11-1036E20.9	SYNE1	-0.629715781	7.12E-50
RP11-1036E20.9	PLCH1	-0.539878039	1.41E-34
RP11-1036E20.9	CCDC146	-0.543912247	3.63E-35
RP11-1036E20.9	SLC16A2	-0.593541098	3.91E-43
RP11-1036E20.9	IER2	-0.57597489	3.70E-40
RP11-1036E20.9	KCNAB1	-0.651455409	2.26E-54
RP11-1036E20.9	SYNDIG1	-0.506454252	5.62E-30
RP11-1036E20.9	C16orf89	-0.60405865	5.27E-45
RP11-1036E20.9	CTGF	-0.293643783	3.52E-10
RP11-1036E20.9	NR4A3	-0.250851507	1.00E-07
RP11-1036E20.9	KIAA1456	-0.423195421	1.67E-20
RP11-1036E20.9	AQP4	-0.417739708	5.73E-20
RP11-1036E20.9	RNF150	-0.623595787	1.13E-48
RP11-1036E20.9	C1S	0.008874533	0.852903058
RP11-1036E20.9	PFKFB2	-0.428479838	4.97E-21
RP11-1036E20.9	PROX1	-0.465770013	5.06E-25
RP11-1036E20.9	TCF7L1	-0.677606544	2.67E-60
RP11-1036E20.9	HSPB6	-0.328297707	1.72E-12
RP11-1036E20.9	FHDC1	-0.283525282	1.47E-09
RP11-1036E20.9	PRR15L	-0.408256668	4.61E-19
RP11-1036E20.9	SLC1A1	-0.312598302	2.09E-11
RP11-1036E20.9	BTBD11	-0.696823929	4.61E-65
RP11-1036E20.9	TRIM58	-0.535415628	6.23E-34
RP11-1036E20.9	LRIG1	-0.422630606	1.90E-20
RP11-1036E20.9	ROR2	-0.372786838	6.39E-16
RP11-1036E20.9	GPR125	-0.548106259	8.65E-36
RP11-1036E20.9	FLRT1	-0.677983394	2.17E-60
RP11-1036E20.9	PGF	-0.61998574	5.65E-48
RP11-1036E20.9	DUSP1	-0.391183989	1.67E-17

RP11-1036E20.9	PLA2G7	-0.357753322	1.06E-14
RP11-1036E20.9	PLSCR4	-0.286398084	9.83E-10
RP11-1036E20.9	FAM46B	-0.392675006	1.23E-17
RP11-1036E20.9	GLDC	-0.512241704	9.75E-31
RP11-1036E20.9	ZBTB16	-0.416702855	7.22E-20
RP11-1036E20.9	OMD	-0.059205688	0.215698866
RP11-1036E20.9	HSD11B2	-0.56877033	5.47E-39
RP11-1036E20.9	FGL2	-0.158976115	0.000829661
RP11-1036E20.9	CLCNKA	-0.636281688	3.40E-51
RP11-1036E20.9	GATM	-0.425371266	1.02E-20
RP11-1036E20.9	TNS3	-0.408511235	4.36E-19
RP11-1036E20.9	TOB1	-0.451510697	1.95E-23
RP11-1036E20.9	MARC2	-0.552128125	2.15E-36
RP11-1036E20.9	LRRC2	-0.470476281	1.46E-25
RP11-1036E20.9	SORD	-0.227726241	1.43E-06
RP11-1036E20.9	RIMS4	-0.534460983	8.53E-34
RP11-1036E20.9	SLC29A4	-0.651423278	2.29E-54
RP11-1036E20.9	SLC39A14	-0.49889788	5.26E-29
RP11-1036E20.9	FAXDC2	-0.556729842	4.26E-37
RP11-1036E20.9	HSPB8	-0.360054713	6.97E-15
RP11-1036E20.9	CCL19	0.114282467	0.016597272
RP11-1036E20.9	KCNIP3	-0.627880022	1.64E-49
RP11-1036E20.9	CGNL1	-0.570768566	2.61E-39
RP11-1036E20.9	ATF3	-0.180178118	0.000147349
RP11-1036E20.9	SGCD	-0.345660275	9.15E-14
RP11-1036E20.9	STARD13	-0.535244049	6.59E-34
RP11-1036E20.9	LDHD	-0.554763666	8.53E-37
RP11-1036E20.9	RCAN1	-0.432733148	1.84E-21
RP11-1036E20.9	ID3	-0.522489014	4.04E-32
RP11-1036E20.9	SYTL3	-0.495450972	1.43E-28
RP11-1036E20.9	MT1E	-0.451857189	1.78E-23
RP11-1036E20.9	CAMK1D	-0.483938983	3.74E-27
RP11-1036E20.9	PRKCQ	-0.51365406	6.33E-31
RP11-1036E20.9	NUAK2	-0.346188419	8.34E-14
RP11-1036E20.9	LIPG	-0.534326997	8.91E-34
RP11-1036E20.9	SLC25A25	-0.343739707	1.28E-13
RP11-1036E20.9	PRKX	-0.213144762	6.64E-06
RP11-1036E20.9	SRPX	-0.261173151	2.80E-08
RP11-1036E20.9	FAM189A1	-0.595482449	1.79E-43
RP11-1036E20.9	PLEKHH1	-0.39023133	2.03E-17
RP11-1036E20.9	WNT11	-0.489378453	8.13E-28
RP11-1036E20.9	SNAI1	-0.408815453	4.09E-19
RP11-1036E20.9	FDCSP	0.084874481	0.07565807
RP11-1036E20.9	MT1X	-0.331053829	1.09E-12
RP11-1036E20.9	ACACB	-0.59187382	7.64E-43
RP11-1036E20.9	ARC	-0.216422148	4.74E-06
RP11-1036E20.9	KLK4	-0.169267941	0.000367784
RP11-1036E20.9	ZFPM2	-0.426934489	7.11E-21
RP11-1036E20.9	AKAP12	-0.319445588	7.16E-12
RP11-1036E20.9	GJB6	-0.347193332	7.00E-14
RP11-1036E20.9	ERO1LB	-0.54161802	7.88E-35

RP11-1036E20.9	DNALI1	-0.572317604	1.47E-39
RP11-1036E20.9	HKDC1	-0.396249375	5.89E-18
RP11-1036E20.9	ZFP36L2	-0.384387134	6.60E-17
RP11-1036E20.9	CAPSL	-0.642051827	2.21E-52
RP11-1036E20.9	CYP7B1	-0.482925679	4.96E-27
RP11-1036E20.9	CPQ	-0.576073624	3.57E-40
RP11-1036E20.9	RPS6KA6	-0.568689986	5.64E-39
RP11-1036E20.9	TLE1	-0.485191321	2.64E-27
RP11-1036E20.9	TP53INP2	-0.644235245	7.73E-53
RP11-1036E20.9	KATNAL2	-0.629614754	7.45E-50
RP11-1036E20.9	SGPP2	-0.197885973	2.97E-05
RP11-1036E20.9	CTH	-0.454468331	9.25E-24
RP11-1036E20.9	KIF12	-0.345719218	9.05E-14
RP11-1036E20.9	TMEM220	-0.54348305	4.20E-35
RP11-1036E20.9	CENPJ	-0.415135163	1.02E-19
RP11-1036E20.9	FAM155B	-0.565573875	1.77E-38
RP11-1036E20.9	WFS1	-0.665612303	1.66E-57
RP11-1036E20.9	SELENBP1	-0.522966088	3.48E-32
RP11-1036E20.9	SNTA1	-0.495441539	1.43E-28
RP11-1036E20.9	FRAS1	-0.192581128	4.87E-05
RP11-1036E20.9	FBLN7	-0.474587518	4.85E-26
RP11-1036E20.9	AGPAT9	-0.522497596	4.03E-32
RP11-1036E20.9	GPR83	-0.477709638	2.08E-26
RP11-1036E20.9	PRTG	-0.424699914	1.19E-20
RP11-1036E20.9	EGR3	-0.229205767	1.21E-06
RP11-1036E20.9	GRAMD2	-0.367589238	1.72E-15
RP11-1036E20.9	HYOU1	-0.615494248	4.04E-47
RP11-1036E20.9	FBLN5	-0.275011782	4.65E-09
RP11-1036E20.9	ITM2A	-0.544905903	2.59E-35
RP11-1036E20.9	SRF	-0.481769806	6.83E-27
RP11-1036E20.9	FGFR2	-0.324448201	3.22E-12
RP11-1036E20.9	MT1A	-0.33063578	1.17E-12
RP11-1036E20.9	MAMDC2	-0.208186196	1.09E-05
RP11-1036E20.9	FHL2	-0.426350169	8.13E-21
RP11-1036E20.9	FTCDNL1	-0.434879699	1.11E-21
RP11-1036E20.9	PKIA	-0.414583116	1.16E-19
RP11-1036E20.9	DNAJB4	-0.379730517	1.66E-16
RP11-1036E20.9	SLC25A33	-0.659204924	4.56E-56
RP11-1036E20.9	EYA2	-0.246269863	1.73E-07
RP11-1036E20.9	LPAR1	-0.226125851	1.70E-06
RP11-1036E20.9	STX11	-0.162708445	0.000621092
RP11-1036E20.9	ARHGEF28	-0.428194913	5.31E-21
RP11-1036E20.9	OR2W3	-0.623315827	1.29E-48
RP11-1036E20.9	ALDH1B1	-0.434512014	1.21E-21
RP11-1036E20.9	CXCL12	-0.174801208	0.000232846
RP11-1036E20.9	OLFM2	-0.559143444	1.80E-37
RP11-1036E20.9	TUB	-0.343199505	1.40E-13
RP11-1036E20.9	HTRA3	-0.179726791	0.000153197
RP11-1036E20.9	CKB	-0.481613122	7.13E-27
RP11-1036E20.9	RGS2	-0.109576509	0.021661282
RP11-1036E20.9	SHANK2	-0.580785354	5.91E-41

RP11-1036E20.9	CNTRF	-0.550615333	3.64E-36
RP11-1036E20.9	CYTH3	-0.494246441	2.02E-28
RP11-1036E20.9	PLAC9	-0.385074587	5.75E-17
RP11-1036E20.9	WVOX	-0.607814103	1.09E-45
RP11-1036E20.9	NPR3	-0.458113842	3.67E-24
RP11-1036E20.9	SDC2	-0.455348925	7.41E-24
RP11-1036E20.9	KLF15	-0.497065478	8.96E-29
RP11-1036E20.9	TMEM164	-0.58664026	6.07E-42
RP11-1036E20.9	LONRF3	-0.232941928	8.02E-07
RP11-1036E20.9	GBP1	-0.108108757	0.023493368
RP11-1036E20.9	ARHGAP6	-0.267033307	1.33E-08
RP11-1036E20.9	TMEM119	-0.112731612	0.018137868
RP11-1036E20.9	SH3RF1	-0.400991463	2.18E-18
RP11-1036E20.9	CRELD2	-0.572857309	1.20E-39
RP11-1036E20.9	PCP4	-0.053366926	0.264521231
RP11-1036E20.9	GCSH	-0.625818233	4.18E-49
RP11-1036E20.9	IMPA2	-0.508955594	2.65E-30
RP11-1036E20.9	C1R	-0.00566985	0.905704134
RP11-1036E20.9	SUCNR1	-0.334830915	5.83E-13
RP11-1036E20.9	SFRP1	-0.402188263	1.69E-18
RP11-1036E20.9	UGT8	-0.48182889	6.72E-27
RP11-1036E20.9	TLE4	-0.244120546	2.23E-07
RP11-1036E20.9	ANTXR1	-0.381936295	1.07E-16
RP11-1036E20.9	GPX3	-0.443162038	1.52E-22
RP11-1036E20.9	DPY19L2	-0.482046219	6.32E-27
RP11-1036E20.9	FAM46C	-0.454952498	8.19E-24
RP11-1036E20.9	IL33	-0.177998946	0.000177656
RP11-1036E20.9	PEG3	-0.54965324	5.07E-36
RP11-1036E20.9	FAHD2A	-0.502899602	1.62E-29
RP11-1036E20.9	PTGDS	0.004722085	0.921410501
RP11-1036E20.9	CHCHD10	-0.453903516	1.07E-23
RP11-1036E20.9	CD36	-0.573378218	9.85E-40
RP11-1036E20.9	ANKRD37	-0.511828822	1.11E-30
RP11-1036E20.9	TSPAN33	-0.575323682	4.74E-40
RP11-1036E20.9	PRDM16	-0.574347049	6.85E-40
RP11-1036E20.9	UST	-0.561719688	7.16E-38
RP11-1036E20.9	NEXN	-0.432402331	1.99E-21
RP11-1036E20.9	NUPR1L	-0.292265861	4.29E-10
RP11-1036E20.9	SLC24A3	-0.537529268	3.09E-34
RP11-1036E20.9	MARC1	-0.619564346	6.80E-48
RP11-1036E20.9	MYH11	-0.261133785	2.82E-08
RP11-1036E20.9	APOA1	-0.587279288	4.72E-42
RP11-1036E20.9	TMEM178B	-0.560296551	1.19E-37
RP11-1036E20.9	CAPN6	-0.24163725	2.98E-07
RP11-1036E20.9	PPM1L	-0.653701333	7.37E-55
RP11-1036E20.9	FZD8	-0.636940249	2.50E-51
RP11-1036E20.9	RCAN2	-0.618320733	1.18E-47
RP11-1036E20.9	COPZ2	-0.544239446	3.25E-35
RP11-1036E20.9	GAS1	-0.13396454	0.004930349
RP11-1036E20.9	DACT1	-0.437051217	6.64E-22
RP11-1036E20.9	WBSCR17	-0.638219824	1.37E-51

RP11-1036E20.9	NCS1	-0.495210378	1.53E-28
RP11-1036E20.9	SPIRE2	-0.39075919	1.82E-17
RP11-1036E20.9	C15orf52	-0.344026264	1.21E-13
RP11-1036E20.9	SPAG5	-0.434309919	1.27E-21
RP11-1036E20.9	ARL4D	-0.483903305	3.78E-27
RP11-1036E20.9	FAM189A2	-0.412693473	1.75E-19
RP11-1036E20.9	MAP1LC3A	-0.65203058	1.70E-54
RP11-1036E20.9	KLF6	-0.052386676	0.273409106
RP11-1036E20.9	ADD3	-0.267663518	1.22E-08
RP11-1036E20.9	TSPAN7	-0.492021371	3.83E-28
RP11-1036E20.9	KLF9	-0.39316421	1.11E-17
RP11-1036E20.9	KCNQ1	-0.610058537	4.19E-46
RP11-1036E20.9	MAN1A1	-0.141657239	0.002933705
RP11-1036E20.9	MLF1	-0.313668633	1.77E-11
RP11-1036E20.9	RARB	-0.557283237	3.50E-37
RP11-1036E20.9	CDC42EP2	-0.415437466	9.56E-20
RP11-1036E20.9	FAM3B	-0.130548912	0.0061582
RP11-1036E20.9	GADD45B	-0.265862538	1.54E-08
RP11-1036E20.9	TMEM47	-0.554896943	8.14E-37
RP11-1036E20.9	SDF2L1	-0.542320793	6.22E-35
RP11-1036E20.9	CCDC85A	-0.280277332	2.29E-09
RP11-1036E20.9	CRYBG3	-0.170769483	0.000325325
RP11-1036E20.9	FBLN2	-0.004999634	0.916807524
RP11-1036E20.9	PEBP4	-0.228720749	1.28E-06
RP11-1036E20.9	CDADC1	-0.625982932	3.88E-49
RP11-1036E20.9	FAM63A	-0.495261873	1.51E-28
RP11-1036E20.9	GLUL	-0.284129959	1.35E-09
RP11-1036E20.9	FREM2	-0.367884945	1.62E-15
RP11-1036E20.9	ACKR3	-0.496212192	1.15E-28
RP11-1036E20.9	DENND6A	-0.5962614	1.30E-43
RP11-1036E20.9	CLDN8	-0.043394896	0.364375559
RP11-1036E20.9	UTS2R	-0.190135373	6.10E-05
RP11-1036E20.9	SCNN1B	-0.294995848	2.90E-10
RP11-1036E20.9	TTC30A	-0.532798742	1.47E-33
RP11-1036E20.9	CORO2B	-0.584379157	1.47E-41
RP11-1036E20.9	TC2N	-0.274849566	4.76E-09
RP11-1036E20.9	ALDH2	-0.535433432	6.19E-34
RP11-1036E20.9	GPR183	-0.074804771	0.117569128
RP11-1036E20.9	C4orf47	-0.484204686	3.47E-27
RP11-1036E20.9	SLC25A42	-0.65817715	7.70E-56
RP11-1036E20.9	LGMN	-0.595904978	1.51E-43
RP11-1036E20.9	ACSF2	-0.573420208	9.70E-40
RP11-1036E20.9	KIAA1467	-0.520645688	7.23E-32
RP11-1036E20.9	PRKG1	-0.619266937	7.76E-48
RP11-1036E20.9	GNAI1	-0.588519972	2.90E-42
RP11-1036E20.9	ABCC4	-0.412882147	1.68E-19
RP11-1036E20.9	PRPS1	-0.582599172	2.94E-41
RP11-1036E20.9	TSPAN5	-0.352478551	2.75E-14
RP11-1036E20.9	CR2	-0.125064845	0.008709911
RP11-1036E20.9	CCDC170	-0.455663924	6.84E-24
RP11-1036E20.9	RRAD	-0.045781402	0.338570342

RP11-1036E20.9	SCGB2A1	-0.470549196	1.43E-25
RP11-1036E20.9	SESN3	-0.328453327	1.68E-12
RP11-1036E20.9	SGK223	-0.248765744	1.29E-07
RP11-1036E20.9	NDRG2	-0.62186368	2.46E-48
RP11-1036E20.9	C3orf52	-0.270289413	8.69E-09
RP11-1036E20.9	FLRT3	0.334692248	5.96E-13
RP11-1036E20.9	MST1R	0.662141137	1.01E-56
RP11-1036E20.9	SDC1	0.370213786	1.04E-15
RP11-1036E20.9	ST8SIA4	0.499405171	4.53E-29
RP11-1036E20.9	UBTD1	0.313419244	1.84E-11
RP11-1036E20.9	EPHA2	0.358265507	9.66E-15
RP11-1036E20.9	TMEM130	0.272954603	6.12E-09
RP11-1036E20.9	SPINK2	0.440109926	3.19E-22
RP11-1036E20.9	MMP16	0.566352898	1.33E-38
RP11-1036E20.9	SIGLEC15	0.553510832	1.32E-36
RP11-1036E20.9	RIN1	0.532250737	1.76E-33
RP11-1036E20.9	IL1RN	0.621376604	3.05E-48
RP11-1036E20.9	FCER1G	0.330539374	1.19E-12
RP11-1036E20.9	CD276	0.545062658	2.45E-35
RP11-1036E20.9	CTSB	0.499585545	4.30E-29
RP11-1036E20.9	FAM171A2	0.069241174	0.147514675
RP11-1036E20.9	ASPHD1	0.546628152	1.44E-35
RP11-1036E20.9	C15orf48	0.527152015	9.16E-33
RP11-1036E20.9	DYSF	0.060181159	0.208217801
RP11-1036E20.9	PDZRN4	0.152217775	0.001379609
RP11-1036E20.9	EFHD2	0.121926393	0.010560831
RP11-1036E20.9	ASF1B	0.398363795	3.79E-18
RP11-1036E20.9	AQP1	0.113547518	0.017312471
RP11-1036E20.9	ARRDC2	0.543854013	3.70E-35
RP11-1036E20.9	PRSS1	0.531864046	2.00E-33
RP11-1036E20.9	MAPK13	0.501573355	2.40E-29
RP11-1036E20.9	CST5	0.63814719	1.41E-51
RP11-1036E20.9	AHR	0.529120602	4.86E-33
RP11-1036E20.9	BAX	0.374154295	4.91E-16
RP11-1036E20.9	C1orf115	0.406239919	7.13E-19
RP11-1036E20.9	PLK3	0.376774089	2.96E-16
RP11-1036E20.9	JAG2	0.242575623	2.67E-07
RP11-1036E20.9	RAD23B	0.550443044	3.86E-36
RP11-1036E20.9	CA12	-0.277233944	3.46E-09
RP11-1036E20.9	ADTRP	0.536345093	4.58E-34
RP11-1036E20.9	UCP2	0.422464985	1.98E-20
RP11-1036E20.9	IGFBP2	0.235460434	6.05E-07
RP11-1036E20.9	LOXL2	0.282318623	1.73E-09
RP11-1036E20.9	GPX1	0.274146367	5.22E-09
RP11-1036E20.9	P3H3	0.376566336	3.08E-16
RP11-1036E20.9	C2orf81	0.394580963	8.32E-18
RP11-1036E20.9	CDT1	0.446995656	5.96E-23
RP11-1036E20.9	SNX25	0.301250799	1.16E-10
RP11-1036E20.9	MTHFD1L	0.515412908	3.68E-31
RP11-1036E20.9	CDC42BPG	0.619492871	7.02E-48
RP11-1036E20.9	MSN	0.614365115	6.60E-47

RP11-1036E20.9	SIGLEC6	0.545079695	2.44E-35
RP11-1036E20.9	F2R	0.175621512	0.000217332
RP11-1036E20.9	TMEM184A	0.621438739	2.97E-48
RP11-1036E20.9	CKS2	0.212331693	7.21E-06
RP11-1036E20.9	TAX1BP3	0.506317641	5.85E-30
RP11-1036E20.9	PMEPA1	0.524213035	2.34E-32
RP11-1036E20.9	CXCL16	0.575926799	3.77E-40
RP11-1036E20.9	FAXC	0.56001652	1.32E-37
RP11-1036E20.9	VTCN1	0.6601333	2.84E-56
RP11-1036E20.9	SH2D4A	0.508777347	2.79E-30
RP11-1036E20.9	RNF24	0.387479038	3.55E-17
RP11-1036E20.9	LY6G6C	0.633733557	1.12E-50
RP11-1036E20.9	NID1	0.332895097	8.05E-13
RP11-1036E20.9	STAC	0.695593863	9.54E-65
RP11-1036E20.9	RAB34	0.46521527	5.85E-25
RP11-1036E20.9	HES4	0.311498534	2.48E-11
RP11-1036E20.9	EPHA10	0.611982581	1.84E-46
RP11-1036E20.9	ENTPD2	0.471518382	1.11E-25
RP11-1036E20.9	DDB2	0.537887747	2.75E-34
RP11-1036E20.9	NKAIN4	0.337082584	3.99E-13
RP11-1036E20.9	TRIM29	0.520050941	8.71E-32
RP11-1036E20.9	ADCY8	0.537417784	3.21E-34
RP11-1036E20.9	SFTA2	0.505095236	8.43E-30
RP11-1036E20.9	NRIP1	0.465557152	5.35E-25
RP11-1036E20.9	VWA1	-0.015282337	0.749494296
RP11-1036E20.9	APLNR	0.179948731	0.000150295
RP11-1036E20.9	REN	0.483765193	3.93E-27
RP11-1036E20.9	EDIL3	0.210937211	8.30E-06
RP11-1036E20.9	AGRN	0.33957279	2.61E-13
RP11-1036E20.9	TREM1	0.390354961	1.98E-17
RP11-1036E20.9	SRL	0.286360775	9.88E-10
RP11-1036E20.9	RASGRF1	0.580994384	5.45E-41
RP11-1036E20.9	RMI2	0.474624827	4.80E-26
RP11-1036E20.9	SAMD1	0.378372423	2.17E-16
RP11-1036E20.9	MGAT4B	0.607097854	1.47E-45
RP11-1036E20.9	NXN	0.599709231	3.19E-44
RP11-1036E20.9	SH3BGRL3	0.479810794	1.17E-26
RP11-1036E20.9	CA11	0.264753053	1.78E-08
RP11-1036E20.9	PLD3	0.137599909	0.003869977
RP11-1036E20.9	LURAP1L	0.557785846	2.93E-37
RP11-1036E20.9	CARNS1	0.26228746	2.44E-08
RP11-1036E20.9	PDLIM7	0.388332609	2.99E-17
RP11-1036E20.9	BCL2L1	0.546230093	1.65E-35
RP11-1036E20.9	GGT6	0.396184333	5.97E-18
RP11-1036E20.9	DPYSL3	0.316358081	1.16E-11
RP11-1036E20.9	FYN	0.458398484	3.41E-24
RP11-1036E20.9	TK1	0.357939584	1.03E-14
RP11-1036E20.9	AK1	0.23952961	3.80E-07
RP11-1036E20.9	HIGD1B	0.041718114	0.383219793
RP11-1036E20.9	TMEM59L	0.281032948	2.06E-09
RP11-1036E20.9	MEGF9	0.495111927	1.58E-28

RP11-1036E20.9	ZFP36L1	0.47743443	2.24E-26
RP11-1036E20.9	ADRA1B	0.324748447	3.06E-12
RP11-1036E20.9	EPHA4	0.510140832	1.85E-30
RP11-1036E20.9	TCERG1L	0.305185917	6.46E-11
RP11-1036E20.9	NGFR	0.344291542	1.16E-13
RP11-1036E20.9	EBI3	0.548139525	8.56E-36
RP11-1036E20.9	S100A10	0.474739166	4.65E-26
RP11-1036E20.9	S100B	0.543835501	3.72E-35
RP11-1036E20.9	CD44	0.226614912	1.61E-06
RP11-1036E20.9	BHLHE41	0.596502136	1.18E-43
RP11-1036E20.9	FBXO2	0.333414304	7.38E-13
RP11-1036E20.9	SLC30A2	0.457161467	4.67E-24
RP11-1036E20.9	FRMD5	0.690379737	2.00E-63
RP11-1036E20.9	SAMD11	0.307598242	4.49E-11
RP11-1036E20.9	SIPA1L2	0.424823829	1.15E-20
RP11-1036E20.9	S100A16	0.516742488	2.44E-31
RP11-1036E20.9	PPL	0.638503402	1.20E-51
RP11-1036E20.9	ARHGDI B	0.159872172	0.000774386
RP11-1036E20.9	CDC42EP3	0.638949196	9.68E-52
RP11-1036E20.9	RUNX2	0.551326404	2.84E-36
RP11-1036E20.9	LAMC2	0.594424813	2.74E-43
RP11-1036E20.9	BRINP1	0.498387114	6.10E-29
RP11-1036E20.9	GPRC5B	0.576576871	2.95E-40
RP11-1036E20.9	AQP5	0.146123055	0.002145038
RP11-1036E20.9	PLAG1	0.413391707	1.50E-19
RP11-1036E20.9	PTPRU	0.513595472	6.45E-31
RP11-1036E20.9	ANGPTL4	0.363913865	3.41E-15
RP11-1036E20.9	PALM3	0.537801922	2.83E-34
RP11-1036E20.9	ACP5	0.387615295	3.45E-17
RP11-1036E20.9	DLG4	0.286980631	9.06E-10
RP11-1036E20.9	ETNK2	0.522964031	3.48E-32
RP11-1036E20.9	CD109	0.54493158	2.57E-35
RP11-1036E20.9	SNX22	0.415779986	8.86E-20
RP11-1036E20.9	TMEM98	0.526622665	1.09E-32
RP11-1036E20.9	CTHRC1	0.461434282	1.56E-24
RP11-1036E20.9	S100A2	0.579345264	1.03E-40
RP11-1036E20.9	C11orf80	0.672077986	5.37E-59
RP11-1036E20.9	SREBF1	0.459101966	2.85E-24
RP11-1036E20.9	PRSS22	0.645915786	3.43E-53
RP11-1036E20.9	CMTM3	0.440155179	3.16E-22
RP11-1036E20.9	RDH5	0.541471975	8.28E-35
RP11-1036E20.9	MYH10	0.486965419	1.61E-27
RP11-1036E20.9	EVPL	0.468246104	2.64E-25
RP11-1036E20.9	SCD	0.472394863	8.74E-26
RP11-1036E20.9	CD151	0.459872903	2.34E-24
RP11-1036E20.9	S100A4	0.547754021	9.77E-36
RP11-1036E20.9	BNIP1	0.479681914	1.21E-26
RP11-1036E20.9	MAP3K6	0.588249091	3.22E-42
RP11-1036E20.9	MANEAL	0.442439475	1.82E-22
RP11-1036E20.9	CD207	0.562203403	6.01E-38
RP11-1036E20.9	CD1A	0.589830935	1.72E-42

RP11-1036E20.9	C3	0.42991099	3.57E-21
RP11-1036E20.9	NT5E	0.499865364	3.96E-29
RP11-1036E20.9	CACNG4	0.520414968	7.77E-32
RP11-1036E20.9	FHOD1	0.58235723	3.22E-41
RP11-1036E20.9	LEMD1	0.571361824	2.09E-39
RP11-1036E20.9	ATP11A	0.302350141	9.87E-11
RP11-1036E20.9	PPAP2C	0.267691607	1.22E-08
RP11-1036E20.9	DRAM1	0.563099628	4.35E-38
RP11-1036E20.9	CDA	0.17021091	0.000340555
RP11-1036E20.9	CCND2	0.21411104	6.01E-06
RP11-1036E20.9	LCN6	0.329418588	1.43E-12
RP11-1036E20.9	CDH4	0.429043447	4.36E-21
RP11-1036E20.9	MMP11	0.578755412	1.29E-40
RP11-1036E20.9	B3GAT1	0.424101834	1.36E-20
RP11-1036E20.9	SPP1	0.382271793	1.01E-16
RP11-1036E20.9	HLA-DQB1	0.419217674	4.11E-20
RP11-1036E20.9	SDC3	0.395304731	7.17E-18
RP11-1036E20.9	CX3CL1	0.417571037	5.95E-20
RP11-1036E20.9	SDK1	0.399084584	3.26E-18
RP11-1036E20.9	DOCK9	0.594586604	2.57E-43
RP11-1036E20.9	CSF2	0.672444817	4.41E-59
RP11-1036E20.9	GRHL3	0.616703177	2.39E-47
RP11-1036E20.9	TMEM92	0.706021974	1.77E-67
RP11-1036E20.9	BASP1	0.60623109	2.12E-45
RP11-1036E20.9	HRH1	0.596259627	1.31E-43
RP11-1036E20.9	ESM1	-0.024116369	0.614312891
RP11-1036E20.9	B4GALNT3	0.509645387	2.15E-30
RP11-1036E20.9	LMO3	0.405408408	8.52E-19
RP11-1036E20.9	C9orf16	0.465745684	5.09E-25
RP11-1036E20.9	SEMA3F	0.162473029	0.000632655
RP11-1036E20.9	PLA2G12B	0.346329093	8.14E-14
RP11-1036E20.9	KLK6	0.546611108	1.45E-35
RP11-1036E20.9	ST3GAL5	0.33714784	3.94E-13
RP11-1036E20.9	FAM132B	0.201961533	2.01E-05
RP11-1036E20.9	CDKN1A	0.182768973	0.000117635
RP11-1036E20.9	E2F1	0.460660721	1.91E-24
RP11-1036E20.9	B3GNT8	0.345290802	9.75E-14
RP11-1036E20.9	MTMR11	0.641778873	2.52E-52
RP11-1036E20.9	MYO1G	0.577799206	1.85E-40
RP11-1036E20.9	TMSB10	0.496130693	1.18E-28
RP11-1036E20.9	UNC5CL	0.720706513	1.55E-71
RP11-1036E20.9	ABR	0.470242567	1.55E-25
RP11-1036E20.9	PLP2	0.464811041	6.50E-25
RP11-1036E20.9	SRCIN1	0.477749713	2.06E-26
RP11-1036E20.9	PDE9A	0.672146646	5.18E-59
RP11-1036E20.9	TREM2	0.326065544	2.48E-12
RP11-1036E20.9	KDEL3	0.398741638	3.50E-18
RP11-1036E20.9	PC	0.549296179	5.74E-36
RP11-1036E20.9	C2CD4A	0.742238056	5.54E-78
RP11-1036E20.9	PELI1	0.562396501	5.61E-38
RP11-1036E20.9	SSX1	0.399144449	3.22E-18

RP11-1036E20.9	MROH6	0.567952083	7.40E-39
RP11-1036E20.9	ESPN	0.50908724	2.54E-30
RP11-1036E20.9	BMP1	0.446308629	7.06E-23
RP11-1036E20.9	TM4SF4	0.486046796	2.08E-27
RP11-1036E20.9	CORO2A	0.559981409	1.34E-37
RP11-1036E20.9	CD164L2	0.488831424	9.49E-28
RP11-1036E20.9	CTSS	0.477708148	2.08E-26
RP11-1036E20.9	CLU	0.53918392	1.78E-34
RP11-1036E20.9	TMSB4X	0.463365845	9.47E-25
RP11-1036E20.9	WNT10A	0.601419832	1.58E-44
RP11-1036E20.9	NAPSA	0.437842723	5.49E-22
RP11-1036E20.9	PLEKHA4	0.58815291	3.35E-42
RP11-1036E20.9	SFTPA1	0.103475424	0.03018218
RP11-1036E20.9	Clorf116	0.662840009	7.03E-57
RP11-1036E20.9	TM4SF1	0.530140858	3.49E-33
RP11-1036E20.9	SEL1L3	0.537303498	3.33E-34
RP11-1036E20.9	VASN	0.564183437	2.94E-38
RP11-1036E20.9	NPTXR	0.605205374	3.26E-45
RP11-1036E20.9	PDE4C	0.632904624	1.64E-50
RP11-1036E20.9	CDC42EP1	0.574399963	6.71E-40
RP11-1036E20.9	ENDOD1	0.586406688	6.66E-42
RP11-1036E20.9	RYR1	0.397155717	4.88E-18
RP11-1036E20.9	IL1RAP	0.538882397	1.97E-34
RP11-1036E20.9	SLC35F2	0.615024359	4.96E-47
RP11-1036E20.9	ISYNA1	0.347446148	6.69E-14
RP11-1036E20.9	HLA-G	0.553815617	1.19E-36
RP11-1036E20.9	CDKN2B	0.552386735	1.96E-36
RP11-1036E20.9	ALDH1A3	0.466165801	4.56E-25
RP11-1036E20.9	CLIP3	0.385523147	5.26E-17
RP11-1036E20.9	ULBP2	0.427788981	5.83E-21
RP11-1036E20.9	ETHE1	0.644664583	6.28E-53
RP11-1036E20.9	XPR1	0.451477714	1.96E-23
RP11-1036E20.9	SPTBN2	0.691893452	8.34E-64
RP11-1036E20.9	IVL	0.648674319	8.91E-54
RP11-1036E20.9	MARCO	0.508630239	2.92E-30
RP11-1036E20.9	PLXND1	0.28476698	1.23E-09
RP11-1036E20.9	EMILIN2	0.436796649	7.05E-22
RP11-1036E20.9	PLAUR	0.519149848	1.15E-31
RP11-1036E20.9	CDC42EP5	0.527350476	8.60E-33
RP11-1036E20.9	TRPC5	0.359911211	7.15E-15
RP11-1036E20.9	TMEM100	0.409154995	3.80E-19
RP11-1036E20.9	QSOX1	0.576700219	2.81E-40
RP11-1036E20.9	ARHGAP23	0.48629194	1.94E-27
RP11-1036E20.9	MDF1	0.303194703	8.71E-11
RP11-1036E20.9	FSTL3	0.578641498	1.34E-40
RP11-1036E20.9	INF2	0.58108943	5.26E-41
RP11-1036E20.9	TGFBR1	0.640978713	3.69E-52
RP11-1036E20.9	TGFBI	0.381297287	1.22E-16
RP11-1036E20.9	ERBB3	0.717477289	1.27E-70
RP11-1036E20.9	CCL18	0.403127232	1.39E-18
RP11-1036E20.9	CCL17	0.574201557	7.23E-40

RP11-1036E20.9	C16orf45	0.302794942	9.24E-11
RP11-1036E20.9	PRDM1	0.303355927	8.50E-11
RP11-1036E20.9	TRIM47	0.540947449	9.87E-35
RP11-1036E20.9	CNFN	0.465169378	5.92E-25
RP11-1036E20.9	ARMCX3	0.515456743	3.63E-31
RP11-1036E20.9	RAMP1	0.372167478	7.20E-16
RP11-1036E20.9	GABRD	0.067571484	0.15755018
RP11-1036E20.9	COL13A1	0.307603562	4.49E-11
RP11-1036E20.9	S100A5	0.506102866	6.24E-30
RP11-1036E20.9	MISP	0.538527393	2.22E-34
RP11-1036E20.9	HES6	0.228871617	1.26E-06
RP11-1036E20.9	PSD3	0.553549843	1.31E-36
RP11-1036E20.9	DOK7	0.534101865	9.60E-34
RP11-1036E20.9	ZMAT3	0.470020698	1.65E-25
RP11-1036E20.9	MFAP2	0.411624702	2.22E-19
RP11-1036E20.9	TMEM79	0.626193523	3.53E-49
RP11-1036E20.9	SLC1A5	0.458853073	3.03E-24
RP11-1036E20.9	BBC3	0.431244259	2.61E-21
RP11-1036E20.9	HLA-DQB2	0.470548629	1.43E-25
RP11-1036E20.9	C1QL1	0.482221203	6.03E-27
RP11-1036E20.9	TMEM215	0.164475516	0.000540354
RP11-1036E20.9	PNP	0.523165188	3.26E-32
RP11-1036E20.9	ARNTL	0.585978768	7.87E-42
RP11-1036E20.9	CLDN2	0.432212432	2.08E-21
RP11-1036E20.9	MVP	0.56986343	3.65E-39
RP11-1036E20.9	LGALS1	0.406279427	7.06E-19
RP11-1036E20.9	BIRC7	0.546017974	1.77E-35
RP11-1036E20.9	COL8A1	0.57790099	1.78E-40
RP11-1036E20.9	PERP	0.683429603	1.05E-61
RP11-1036E20.9	GJA4	0.201528151	2.10E-05
RP11-1036E20.9	IGFL2	0.540802228	1.04E-34
RP11-1036E20.9	DAPK2	0.610111451	4.10E-46
RP11-1036E20.9	MAMLD1	0.564812585	2.33E-38
RP11-1036E20.9	ETV5	0.204526215	1.57E-05
RP11-1036E20.9	RUNX1	0.667966252	4.81E-58
RP11-1036E20.9	LONRF2	0.371426474	8.29E-16
RP11-1036E20.9	SPOCK1	0.147297654	0.001972618
RP11-1036E20.9	XKRX	0.455441843	7.23E-24
RP11-1036E20.9	TGFB1	0.21939567	3.48E-06
RP11-1036E20.9	ERP27	0.335798399	4.95E-13
RP11-1036E20.9	TNFRSF10C	0.358122087	9.92E-15
RP11-1036E20.9	PALM	0.584408877	1.45E-41
RP11-1036E20.9	TSC22D1	0.359814544	7.28E-15
RP11-1036E20.9	TGM2	0.534068245	9.70E-34
RP11-1036E20.9	UBE2QL1	0.366573452	2.08E-15
RP11-1036E20.9	ECE1	0.471358152	1.15E-25
RP11-1036E20.9	COL8A2	0.612305383	1.60E-46
RP11-1036E20.9	HIST3H2A	0.485071875	2.73E-27
RP11-1036E20.9	TNFRSF21	0.521893203	4.88E-32
RP11-1036E20.9	SOX4	0.557954092	2.76E-37
RP11-1036E20.9	ELF3	0.684346088	6.28E-62

RP11-1036E20.9	TPD52L1	0.583305066	2.23E-41
RP11-1036E20.9	INHBB	0.446893375	6.12E-23
RP11-1036E20.9	HPN	0.406216157	7.16E-19
RP11-1036E20.9	MMP7	0.633905284	1.03E-50
RP11-1036E20.9	RAB27A	0.541526946	8.13E-35
RP11-1036E20.9	IGF2BP2	0.559925446	1.36E-37
RP11-1036E20.9	ITGB4	0.546514167	1.49E-35
RP11-1036E20.9	PPP1R1B	0.49894817	5.18E-29
RP11-1036E20.9	NPDC1	0.254940331	6.09E-08
RP11-1036E20.9	CCL13	0.571899427	1.71E-39
RP11-1036E20.9	SPINT1	0.648951869	7.77E-54
RP11-1036E20.9	HEY2	0.396506993	5.58E-18
RP11-1036E20.9	CST2	0.592411452	6.16E-43
RP11-1036E20.9	ADM	0.335331751	5.36E-13
RP11-1036E20.9	VSTM2L	0.458839171	3.04E-24
RP11-1036E20.9	FAM84A	0.500403154	3.38E-29
RP11-1036E20.9	P4HA2	0.426623036	7.64E-21
RP11-1036E20.9	LPL	0.294677728	3.04E-10
RP11-1036E20.9	TMEM173	0.505434635	7.62E-30
RP11-1036E20.9	DHRS3	0.549591389	5.18E-36
RP11-1036E20.9	SCN1B	0.470846464	1.32E-25
RP11-1036E20.9	GLT1D1	0.198497176	2.80E-05
RP11-1036E20.9	PHYHIP	0.506422121	5.67E-30
RP11-1036E20.9	BHLHE40	0.578292736	1.54E-40
RP11-1036E20.9	BID	0.574074395	7.58E-40
RP11-1036E20.9	POSTN	0.447394069	5.41E-23
RP11-1036E20.9	ITGA3	0.69088341	1.50E-63
RP11-1036E20.9	RSPO4	0.546451111	1.53E-35
RP11-1036E20.9	ADAMTS9	0.251834028	8.90E-08
RP11-1036E20.9	ABTB2	0.684779895	4.92E-62
RP11-1036E20.9	KCNQ3	0.699206534	1.11E-65
RP11-1036E20.9	ANXA1	0.502993158	1.58E-29
RP11-1036E20.9	S100A11	0.583039079	2.48E-41
RP11-1036E20.9	CEACAM6	0.611446825	2.32E-46
RP11-1036E20.9	IER5L	0.527114847	9.27E-33
RP11-1036E20.9	KRT80	0.629235847	8.86E-50
RP11-1036E20.9	CDH6	0.516737098	2.45E-31
RP11-1036E20.9	UNC5B	0.388299626	3.01E-17
RP11-1036E20.9	PLEKHN1	0.605493845	2.89E-45
RP11-1036E20.9	SYTL1	0.398170085	3.95E-18
RP11-1036E20.9	TMEM163	0.519878085	9.19E-32
RP11-1036E20.9	C4orf48	0.148942943	0.001752378
RP11-1036E20.9	B3GNT7	0.379148751	1.86E-16
RP11-1036E20.9	BAIAP3	0.506304519	5.87E-30
RP11-1036E20.9	PHLDA2	0.443790973	1.31E-22
RP11-1036E20.9	GAP43	0.483889755	3.79E-27
RP11-1036E20.9	S100A1	0.527016042	9.57E-33
RP11-1036E20.9	PTPRE	0.677786493	2.42E-60
RP11-1036E20.9	CCND1	0.42025552	3.26E-20
RP11-1036E20.9	ST6GALNAC5	0.697787722	2.60E-65
RP11-1036E20.9	KRT17	0.357872413	1.04E-14

RP11-1036E20.9	HPCAL4	0.408175311	4.69E-19
RP11-1036E20.9	GABBR2	0.443960637	1.25E-22
RP11-1036E20.9	DIRAS3	0.320443429	6.11E-12
RP11-1036E20.9	SERINC2	0.419719077	3.67E-20
RP11-1036E20.9	PTCHD4	0.337954951	3.44E-13
RP11-1036E20.9	EPS8	0.461455987	1.55E-24
RP11-1036E20.9	LY6E	0.538715144	2.08E-34
RP11-1036E20.9	UPP1	0.574699074	6.00E-40
RP11-1036E20.9	AHNAK2	0.692873844	4.71E-64
RP11-1036E20.9	PLXNC1	0.541039587	9.57E-35
RP11-1036E20.9	TNC	0.505236599	8.08E-30
RP11-1036E20.9	DUSP4	0.407878399	5.00E-19
RP11-1036E20.9	NRCAM	0.445363701	8.91E-23
RP11-1036E20.9	NRP2	0.536375097	4.54E-34
RP11-1036E20.9	CTSC	0.606373163	2.00E-45
RP11-1036E20.9	AMIGO2	0.384459412	6.51E-17
RP11-1036E20.9	NAB2	0.466068344	4.68E-25
RP11-1036E20.9	TBC1D2	0.665361282	1.89E-57
RP11-1036E20.9	PHLDA3	0.486880374	1.64E-27
RP11-1036E20.9	PTP4A3	0.424942707	1.12E-20
RP11-1036E20.9	CRABP2	0.380094884	1.55E-16
RP11-1036E20.9	GOS2	0.336480177	4.42E-13
RP11-1036E20.9	S100A6	0.629233648	8.87E-50
RP11-1036E20.9	FOXQ1	0.612442561	1.51E-46
RP11-1036E20.9	LRG1	0.573073929	1.10E-39
RP11-1036E20.9	LAMP5	0.480612372	9.39E-27
RP11-1036E20.9	ALDH3B1	0.602317677	1.09E-44
RP11-1036E20.9	CDH2	-0.032922597	0.491437152
RP11-1036E20.9	SCG5	0.207721677	1.15E-05
RP11-1036E20.9	ZCCHC16	0.359090214	8.31E-15
RP11-1036E20.9	GRB7	0.680463599	5.51E-61
RP11-1036E20.9	TIAM1	0.369562437	1.18E-15
RP11-1036E20.9	FXYS5	0.332022447	9.31E-13
RP11-1036E20.9	CLDN9	0.452357741	1.57E-23
RP11-1036E20.9	FAM43A	0.675153434	1.02E-59
RP11-1036E20.9	CHST2	0.403719709	1.22E-18
RP11-1036E20.9	HMGA2	0.41336681	1.51E-19
RP11-1036E20.9	GALNT7	0.5077417	3.82E-30
RP11-1036E20.9	CBLN1	0.527199325	9.02E-33
RP11-1036E20.9	STRA6	0.584074017	1.66E-41
RP11-1036E20.9	MUC21	0.687101718	1.32E-62
RP11-1036E20.9	PRR36	0.512186308	9.92E-31
RP11-1036E20.9	NFE2L3	0.506622853	5.34E-30
RP11-1036E20.9	NR1D1	0.439821879	3.42E-22
RP11-1036E20.9	MUC1	0.66803016	4.65E-58
RP11-1036E20.9	NAT8L	0.191676701	5.30E-05
RP11-1036E20.9	APOC1	0.209423001	9.66E-06
RP11-1036E20.9	EVA1A	0.608767401	7.26E-46
RP11-1036E20.9	ENTPD1	0.322103188	4.69E-12
RP11-1036E20.9	COL1A1	0.529865437	3.82E-33
RP11-1036E20.9	FNDC4	0.456690351	5.27E-24

RP11-1036E20.9	FRMD3	0.237722601	4.68E-07
RP11-1036E20.9	SHROOM4	0.585913725	8.08E-42
RP11-1036E20.9	NELL2	0.33591522	4.86E-13
RP11-1036E20.9	EPHB3	0.654837062	4.17E-55
RP11-1036E20.9	TMC6	0.554521086	9.29E-37
RP11-1036E20.9	NOD1	0.628557048	1.21E-49
RP11-1036E20.9	GGCT	0.655271295	3.35E-55
RP11-1036E20.9	ICAM1	0.637906314	1.58E-51
RP11-1036E20.9	PRSS23	0.486785044	1.69E-27
RP11-1036E20.9	CFI	0.563863969	3.30E-38
RP11-1036E20.9	CD55	0.647035131	1.99E-53
RP11-1036E20.9	RASD2	0.509565804	2.20E-30
RP11-1036E20.9	KLK11	0.526999899	9.62E-33
RP11-1036E20.9	ICAM5	0.595023958	2.15E-43
RP11-1036E20.9	ADORA1	0.479088727	1.43E-26
RP11-1036E20.9	ITGA2	0.591237934	9.85E-43
RP11-1036E20.9	ABCC3	0.492827134	3.04E-28
RP11-1036E20.9	MFGE8	0.612605913	1.41E-46
RP11-1036E20.9	STK32A	0.321138897	5.47E-12
RP11-1036E20.9	CYSLTR2	0.407899181	4.98E-19
RP11-1036E20.9	LAD1	0.691747691	9.07E-64
RP11-1036E20.9	MGAT3	0.560348471	1.17E-37
RP11-1036E20.9	IGFBP6	0.481625322	7.10E-27
RP11-1036E20.9	CYP2S1	0.610612429	3.31E-46
RP11-1036E20.9	KCNJ2	0.469651366	1.82E-25
RP11-1036E20.9	FAM20A	0.513114567	7.47E-31
RP11-1036E20.9	TGFA	0.421268185	2.59E-20
RP11-1036E20.9	MXRA8	0.599092141	4.11E-44
RP11-1036E20.9	C8orf4	0.413479234	1.47E-19
RP11-1036E20.9	CLDN10	0.632229726	2.24E-50
RP11-1036E20.9	PDE5A	0.643247263	1.24E-52
RP11-1036E20.9	APOE	0.21159771	7.77E-06
RP11-1036E20.9	SPOCK2	0.561069899	9.05E-38
RP11-1036E20.9	TENM1	0.336585011	4.34E-13
RP11-1036E20.9	SLIT1	0.112031818	0.018872954
RP11-1036E20.9	CXCL14	0.412214767	1.95E-19
RP11-1036E20.9	ECM1	0.161257291	0.000695612
RP11-1036E20.9	DUSP5	0.609398251	5.56E-46
RP11-1036E20.9	SEZ6L2	0.428155263	5.36E-21
RP11-1036E20.9	THRSP	0.270537242	8.41E-09
RP11-1036E20.9	C19orf33	0.573968071	7.89E-40
RP11-1036E20.9	MPZL2	0.593010897	4.84E-43
RP11-1036E20.9	CTSH	0.575968151	3.71E-40
RP11-1036E20.9	CYP1B1	0.596597821	1.14E-43
RP11-1036E20.9	ALOX5	0.65547841	3.02E-55
RP11-1036E20.9	SYTL5	0.53254086	1.60E-33
RP11-1036E20.9	TNFRSF12A	0.473190625	7.06E-26
RP11-1036E20.9	DUSP6	0.462540292	1.17E-24
RP11-1036E20.9	ALOX15B	0.660414703	2.45E-56
RP11-1036E20.9	SDC4	0.563017562	4.48E-38
RP11-1036E20.9	MDK	0.476489502	2.90E-26

RP11-1036E20.9	KRT19	0.641999181	2.27E-52
RP11-1036E20.9	MET	0.700895942	4.03E-66
RP11-1036E20.9	TESC	0.275978982	4.09E-09
RP11-1036E20.9	CXCL17	0.772657139	2.83E-88
RP11-1036E20.9	NPC2	0.465065963	6.08E-25
RP11-1036E20.9	COMP	0.51251748	8.97E-31
RP11-1036E20.9	TUSC3	0.407884995	5.00E-19
RP11-1036E20.9	TMPRSS4	0.700114649	6.45E-66
RP11-1036E20.9	LGALS3	0.673794347	2.13E-59
RP11-1036E20.9	CRLF1	0.351264587	3.41E-14
RP11-1036E20.9	CTXN1	0.489328377	8.24E-28
RP11-1036E20.9	PCSK1N	0.183887254	0.000106636
RP11-1036E20.9	NMU	0.633131973	1.48E-50
RP11-1036E20.9	GALE	0.566360416	1.33E-38
RP11-1036E20.9	PCSK2	0.183752629	0.000107907
RP11-1036E20.9	GJB3	0.548378133	7.88E-36
RP11-1036E20.9	SLPI	0.588642823	2.76E-42
RP11-1036E20.9	AGR2	0.24874872	1.29E-07
RP11-1036E20.9	MRC2	0.436633511	7.33E-22
RP11-1036E20.9	GOLT1A	0.415643659	9.13E-20
RP11-1036E20.9	SLC27A6	0.625845244	4.13E-49
RP11-1036E20.9	KCNN4	0.605350709	3.07E-45
RP11-1036E20.9	ETV4	0.390968554	1.75E-17
RP11-1036E20.9	SYT12	0.6667342	9.20E-58
RP11-1036E20.9	PVRL4	0.712540357	3.00E-69
RP11-1036E20.9	PLCD3	0.622401186	1.93E-48
RP11-1036E20.9	PLAU	0.563018839	4.48E-38
RP11-1036E20.9	LRRK2	0.256346161	5.12E-08
RP11-1036E20.9	SFN	0.619462987	7.11E-48
RP11-1036E20.9	LPAR5	0.592261452	6.54E-43
RP11-1036E20.9	NGEF	0.661119888	1.71E-56
RP11-1036E20.9	DTX4	0.782362092	6.68E-92
RP11-1036E20.9	CST6	0.597039714	9.51E-44
RP11-1036E20.9	QPCT	0.462694635	1.13E-24
RP11-1036E20.9	TIMP1	0.510108772	1.87E-30
RP11-1036E20.9	CAMK2N1	0.560120928	1.27E-37
RP11-1036E20.9	KLHDC8A	0.151133825	0.001494044
RP11-1036E20.9	PDLIM4	0.659418564	4.09E-56
RP11-1036E20.9	SCEL	0.612742382	1.33E-46
RP11-1036E20.9	LCN2	0.679905381	7.51E-61
RP11-1036E20.9	PROS1	0.706408115	1.39E-67
RP11-1036E20.9	GABRB2	0.640625482	4.37E-52
RP11-1036E20.9	TMPRSS6	0.727199717	2.04E-73
RP11-1036E20.9	KLK7	0.622161898	2.15E-48
RP11-1036E20.9	PDZK1IP1	0.630571031	4.81E-50
RP11-1036E20.9	CDH3	0.435453734	9.70E-22
RP11-1036E20.9	LRP4	0.26731426	1.28E-08
RP11-1036E20.9	IGSF1	0.293916154	3.39E-10
RP11-1036E20.9	B3GNT3	0.662786527	7.22E-57
RP11-1036E20.9	CLDN1	0.533891487	1.03E-33
RP11-1036E20.9	GDF15	0.587393748	4.52E-42

RP11-1036E20.9	ARHGAP36	0.309937977	3.15E-11
RP11-1036E20.9	LAMB3	0.578121653	1.64E-40
RP11-1036E20.9	KLK10	0.614591949	5.98E-47
RP11-1036E20.9	DPP4	0.628062241	1.51E-49
RP11-1036E20.9	METTL7B	0.423515527	1.56E-20
RP11-1036E20.9	LIPH	0.629319189	8.53E-50
RP11-1036E20.9	CLDN16	0.6208713	3.82E-48
RP11-1036E20.9	CHI3L1	0.649607615	5.63E-54
RP11-1036E20.9	SLC22A31	0.554830998	8.33E-37
RP11-1036E20.9	TACSTD2	0.692185399	7.03E-64
RP11-1036E20.9	SFTPB	0.746010674	3.53E-79
RP11-1036E20.9	RXRG	0.387947459	3.23E-17
RP11-1036E20.9	DCSTAMP	0.712447685	3.18E-69
RP11-1036E20.9	CITED1	0.521773899	5.07E-32
RP11-1036E20.9	SERPINA1	0.668239261	4.16E-58
RP11-1036E20.9	PRR15	0.379865071	1.62E-16
RP11-1036E20.9	SLC34A2	0.774592788	5.54E-89
RP11-1036E20.9	FN1	0.72610988	4.26E-73
RP11-1036E20.9	ZCCHC12	0.271809015	7.12E-09
RP11-44N11.2	TFF3	-0.319748835	8.92E-12
RP11-44N11.2	CCL21	-0.265284321	1.66E-08
RP11-44N11.2	TPO	-0.43310507	0
RP11-44N11.2	MT1G	-0.388692886	0
RP11-44N11.2	DIO1	-0.334219626	8.73E-13
RP11-44N11.2	DPT	-0.264260824	1.89E-08
RP11-44N11.2	CDH16	-0.432330214	0
RP11-44N11.2	CRABP1	-0.476412965	2.96E-26
RP11-44N11.2	SLC26A7	-0.502174505	0
RP11-44N11.2	MT1H	-0.408092575	4.78E-19
RP11-44N11.2	SLC26A4	-0.478123041	0
RP11-44N11.2	SLC5A8	-0.458987955	2.93E-24
RP11-44N11.2	PKHD1L1	-0.391934712	1.43E-17
RP11-44N11.2	TFCP2L1	-0.530236272	0
RP11-44N11.2	WSCD2	-0.386984188	3.92E-17
RP11-44N11.2	IPCEF1	-0.419745147	0
RP11-44N11.2	SLC5A5	-0.307458254	4.59E-11
RP11-44N11.2	MT1F	-0.332881677	1.09E-12
RP11-44N11.2	FOSB	-0.200285093	2.46E-05
RP11-44N11.2	SEMA3D	-0.398655895	3.56E-18
RP11-44N11.2	BMP8A	-0.38269048	8.58E-18
RP11-44N11.2	MATN2	-0.542996933	0
RP11-44N11.2	PLA2R1	-0.384459189	0
RP11-44N11.2	COL23A1	-0.509427489	0
RP11-44N11.2	HGD	-0.46330872	0
RP11-44N11.2	TCEAL2	-0.355173651	2.23E-14
RP11-44N11.2	CHRD1	-0.236816885	5.19E-07
RP11-44N11.2	TNFRSF11B	-0.406444228	0
RP11-44N11.2	FAM167A	-0.445435681	0
RP11-44N11.2	KIT	-0.365504642	2.91E-15
RP11-44N11.2	SLC4A4	-0.572271408	0
RP11-44N11.2	SMOC2	-0.229115475	1.31E-06

RP11-44N11.2	FHL1	-0.410747992	0
RP11-44N11.2	OTOS	-0.331730668	1.32E-12
RP11-44N11.2	IGFBPL1	-0.510183978	1.82E-30
RP11-44N11.2	HBB	-0.298332279	2.19E-10
RP11-44N11.2	BEX1	-0.357775795	1.36E-14
RP11-44N11.2	FABP4	-0.414440781	1.19E-19
RP11-44N11.2	LMOD1	-0.42081006	0
RP11-44N11.2	SOD3	-0.363838198	4.11E-15
RP11-44N11.2	TMEM171	-0.397726776	0
RP11-44N11.2	PI16	-0.197045107	3.33E-05
RP11-44N11.2	ZMAT4	-0.389149968	2.53E-17
RP11-44N11.2	MFAP4	-0.23229674	9.27E-07
RP11-44N11.2	CWH43	-0.481007812	8.42E-27
RP11-44N11.2	SPX	-0.524006218	0
RP11-44N11.2	APOD	-0.078201051	0.101756567
RP11-44N11.2	DPP6	-0.416434243	0
RP11-44N11.2	MMRN1	-0.398992956	0
RP11-44N11.2	WDR72	-0.564660853	0
RP11-44N11.2	MPPED2	-0.483858083	0
RP11-44N11.2	PAPSS2	-0.455506968	0
RP11-44N11.2	DCN	-0.165897248	0.000490587
RP11-44N11.2	SORBS2	-0.435737851	0
RP11-44N11.2	EGR2	-0.161334773	0.000701502
RP11-44N11.2	EDN3	-0.34163166	1.84E-13
RP11-44N11.2	DIO2	-0.547164676	0
RP11-44N11.2	ITPR1	-0.470935586	0
RP11-44N11.2	CFD	-0.139138964	0.003511915
RP11-44N11.2	CPXM1	-0.273690772	6.41E-09
RP11-44N11.2	ELM01	-0.446869655	0
RP11-44N11.2	GPC3	-0.344074766	1.20E-13
RP11-44N11.2	MYOC	-0.175962452	0.000211173
RP11-44N11.2	DEPTOR	-0.416525728	0
RP11-44N11.2	DGKI	-0.359180976	1.04E-14
RP11-44N11.2	CARTPT	-0.3548224	1.80E-14
RP11-44N11.2	IYD	-0.582549352	0
RP11-44N11.2	LYVE1	-0.298685312	2.09E-10
RP11-44N11.2	CLCNKB	-0.397860954	0
RP11-44N11.2	NCAM1	-0.494528491	0
RP11-44N11.2	HBA2	-0.222113969	2.77E-06
RP11-44N11.2	GLT8D2	-0.366780184	2.22E-15
RP11-44N11.2	OGDHL	-0.599194081	0
RP11-44N11.2	LIFR	-0.529043989	0
RP11-44N11.2	CSGALNACT1	-0.312845338	2.58E-11
RP11-44N11.2	RAP1GAP	-0.502633348	0
RP11-44N11.2	COL9A3	-0.396856464	0
RP11-44N11.2	FBLN1	-0.165185225	0.000519058
RP11-44N11.2	EFEMP1	-0.322002343	6.26E-12
RP11-44N11.2	AOX1	-0.381716073	1.12E-16
RP11-44N11.2	GRIN2C	-0.303410899	1.05E-10
RP11-44N11.2	C11orf74	-0.392665602	0
RP11-44N11.2	PPARGC1A	-0.628825986	0

RP11-44N11.2	ANGPTL1	-0.279894445	2.83E-09
RP11-44N11.2	SCARA5	-0.225561267	1.80E-06
RP11-44N11.2	LTF	-0.330992406	1.48E-12
RP11-44N11.2	CA4	-0.340485119	2.24E-13
RP11-44N11.2	TG	-0.395528726	0
RP11-44N11.2	FCGBP	-0.354991674	2.30E-14
RP11-44N11.2	PBX4	-0.354674243	2.45E-14
RP11-44N11.2	CYR61	-0.249622004	1.28E-07
RP11-44N11.2	FOS	-0.21999861	3.46E-06
RP11-44N11.2	KHDRBS2	-0.480336551	0
RP11-44N11.2	MUM1L1	-0.386102656	0
RP11-44N11.2	RGS16	-0.479512619	0
RP11-44N11.2	MT1M	-0.33884224	4.03E-13
RP11-44N11.2	LRP2	-0.415152035	0
RP11-44N11.2	MAFB	-0.425762162	0
RP11-44N11.2	KCNK2	-0.372393246	6.15E-16
RP11-44N11.2	TBC1D4	-0.448278381	0
RP11-44N11.2	MIOX	-0.359080213	8.33E-15
RP11-44N11.2	TPPP	-0.519709546	0
RP11-44N11.2	FMOD	-0.436814537	0
RP11-44N11.2	CITED2	-0.439628869	0
RP11-44N11.2	RGS8	-0.397906534	4.17E-18
RP11-44N11.2	ABI3BP	-0.484255511	0
RP11-44N11.2	ADH1B	-0.233887057	7.22E-07
RP11-44N11.2	OGN	-0.198176953	2.89E-05
RP11-44N11.2	NR4A1	-0.200597844	2.38E-05
RP11-44N11.2	FOXJ1	-0.366458172	2.12E-15
RP11-44N11.2	ALDH1A1	-0.413208015	0
RP11-44N11.2	OCA2	-0.238957769	4.06E-07
RP11-44N11.2	TMEM139	-0.268395709	1.27E-08
RP11-44N11.2	ARHGAP24	-0.498998063	0
RP11-44N11.2	SLC25A15	-0.554526874	0
RP11-44N11.2	DES	-0.168624852	0.000387503
RP11-44N11.2	GDF10	-0.267882989	1.19E-08
RP11-44N11.2	KIAA1324	-0.35722263	1.51E-14
RP11-44N11.2	JUN	-0.267753754	1.38E-08
RP11-44N11.2	C7	-0.062641944	0.190105511
RP11-44N11.2	LGI3	-0.542400792	0
RP11-44N11.2	CDON	-0.500657273	0
RP11-44N11.2	BCL2	-0.448984588	0
RP11-44N11.2	HLF	-0.50916821	0
RP11-44N11.2	EGR1	-0.237058355	5.46E-07
RP11-44N11.2	IP6K3	-0.565457269	0
RP11-44N11.2	SCUBE3	-0.338430345	4.32E-13
RP11-44N11.2	PKNOX2	-0.226217175	1.79E-06
RP11-44N11.2	SMAD9	-0.327416692	2.65E-12
RP11-44N11.2	IQGAP2	-0.588315032	0
RP11-44N11.2	GNA14	-0.431787829	0
RP11-44N11.2	LAYN	-0.305630509	7.59E-11
RP11-44N11.2	AVPR1A	-0.467127826	0
RP11-44N11.2	PDLIM3	-0.396791077	0

RP11-44N11.2	GPM6A	-0.490809663	0
RP11-44N11.2	SDPR	-0.406603653	0
RP11-44N11.2	CRYAB	-0.386091167	0
RP11-44N11.2	FOXA2	-0.188473271	7.09E-05
RP11-44N11.2	C8orf88	-0.443377341	0
RP11-44N11.2	ISM1	-0.394335876	0
RP11-44N11.2	BMP2	-0.261389805	3.07E-08
RP11-44N11.2	ID4	-0.29259979	4.95E-10
RP11-44N11.2	NUPR1	-0.480800359	0
RP11-44N11.2	SERTM1	-0.45879507	3.08E-24
RP11-44N11.2	IRS1	-0.47855919	0
RP11-44N11.2	FIBIN	-0.338625513	4.18E-13
RP11-44N11.2	PODN	-0.161585399	0.000688019
RP11-44N11.2	TDRD9	-0.399833909	0
RP11-44N11.2	EPHA3	-0.281080629	2.41E-09
RP11-44N11.2	AIF1L	-0.419251412	0
RP11-44N11.2	EBF4	-0.373375752	4.80E-16
RP11-44N11.2	ADM2	-0.429727928	0
RP11-44N11.2	GSTM3	-0.4257589	0
RP11-44N11.2	HSD17B6	-0.205976733	1.42E-05
RP11-44N11.2	AGR3	-0.250774145	1.01E-07
RP11-44N11.2	EPHB1	-0.516039368	0
RP11-44N11.2	TMOD1	-0.342033008	2.34E-13
RP11-44N11.2	WASF3	-0.509831157	0
RP11-44N11.2	SELV	-0.386992796	3.92E-17
RP11-44N11.2	ENPP1	-0.428858041	0
RP11-44N11.2	SYNE1	-0.430236358	3.31E-21
RP11-44N11.2	PLCH1	-0.298186896	2.24E-10
RP11-44N11.2	CCDC146	-0.431319482	0
RP11-44N11.2	SLC16A2	-0.352678169	3.54E-14
RP11-44N11.2	IER2	-0.203903783	1.74E-05
RP11-44N11.2	KCNAB1	-0.251282633	1.05E-07
RP11-44N11.2	SYNDIG1	-0.389201656	0
RP11-44N11.2	C16orf89	-0.440370677	0
RP11-44N11.2	CTGF	-0.191457859	5.57E-05
RP11-44N11.2	NR4A3	-0.186839216	8.44E-05
RP11-44N11.2	KIAA1456	-0.56234905	0
RP11-44N11.2	AQP4	-0.416266166	0
RP11-44N11.2	RNF150	-0.4348908	0
RP11-44N11.2	C1S	-0.126081295	0.008211017
RP11-44N11.2	PFKFB2	-0.66137704	0
RP11-44N11.2	PROX1	-0.390447695	0
RP11-44N11.2	TCF7L1	-0.341512608	2.55E-13
RP11-44N11.2	HSPB6	-0.214402568	6.14E-06
RP11-44N11.2	FHDC1	-0.599209967	0
RP11-44N11.2	PRR15L	-0.541392472	0
RP11-44N11.2	SLC1A1	-0.454573964	0
RP11-44N11.2	BTBD11	-0.446495772	0
RP11-44N11.2	TRIM58	-0.477056426	0
RP11-44N11.2	LRIG1	-0.495209451	0
RP11-44N11.2	ROR2	-0.214432779	6.12E-06

RP11-44N11.2	GPR125	-0.441104684	0
RP11-44N11.2	FLRT1	-0.401029879	0
RP11-44N11.2	PGF	-0.267318881	1.46E-08
RP11-44N11.2	DUSP1	-0.20750517	1.22E-05
RP11-44N11.2	PLA2G7	-0.236366899	5.90E-07
RP11-44N11.2	PLSCR4	-0.44572205	0
RP11-44N11.2	FAM46B	-0.454967562	0
RP11-44N11.2	GLDC	-0.359985618	8.88E-15
RP11-44N11.2	ZBTB16	-0.491679408	0
RP11-44N11.2	OMD	-0.170890276	0.000322116
RP11-44N11.2	HSD11B2	-0.293151536	4.58E-10
RP11-44N11.2	FGL2	-0.213069866	7.03E-06
RP11-44N11.2	CLCNKA	-0.407720919	5.18E-19
RP11-44N11.2	GATM	-0.570145553	0
RP11-44N11.2	TNS3	-0.455749368	0
RP11-44N11.2	TOB1	-0.279666087	2.91E-09
RP11-44N11.2	MARC2	-0.559816973	0
RP11-44N11.2	LRRC2	-0.54333791	0
RP11-44N11.2	SORD	-0.335481268	7.08E-13
RP11-44N11.2	RIMS4	-0.289867297	7.26E-10
RP11-44N11.2	SLC29A4	-0.307581195	5.68E-11
RP11-44N11.2	SLC39A14	-0.678122615	0
RP11-44N11.2	FAXDC2	-0.497921661	0
RP11-44N11.2	HSPB8	-0.342610002	2.12E-13
RP11-44N11.2	CCL19	0.005443299	0.909455431
RP11-44N11.2	KCNIP3	-0.374984753	3.14E-16
RP11-44N11.2	CGNL1	-0.328274807	2.31E-12
RP11-44N11.2	ATF3	-0.060150432	0.20836305
RP11-44N11.2	SGCD	-0.257198234	5.15E-08
RP11-44N11.2	STARD13	-0.391324532	0
RP11-44N11.2	LDHD	-0.490824556	0
RP11-44N11.2	RCAN1	-0.250114746	1.21E-07
RP11-44N11.2	ID3	-0.219924855	3.48E-06
RP11-44N11.2	SYTL3	-0.508863119	0
RP11-44N11.2	MT1E	-0.248487165	1.47E-07
RP11-44N11.2	CAMK1D	-0.519860602	0
RP11-44N11.2	PRKCQ	-0.562255721	0
RP11-44N11.2	NUAK2	-0.362171044	5.76E-15
RP11-44N11.2	LIPG	-0.34926883	6.56E-14
RP11-44N11.2	SLC25A25	-0.370789068	9.04E-16
RP11-44N11.2	PRKX	-0.259858957	3.72E-08
RP11-44N11.2	SRPX	-0.127694551	0.007421813
RP11-44N11.2	FAM189A1	-0.37476533	3.33E-16
RP11-44N11.2	PLEKHH1	-0.383851133	0
RP11-44N11.2	WNT11	-0.320448801	7.99E-12
RP11-44N11.2	SNAI1	-0.222650113	2.62E-06
RP11-44N11.2	FDCSP	-0.093360527	0.050604973
RP11-44N11.2	MT1X	-0.306392174	6.78E-11
RP11-44N11.2	ACACB	-0.561015213	0
RP11-44N11.2	ARC	-0.050191906	0.293915066
RP11-44N11.2	KLK4	-0.35056753	3.86E-14

RP11-44N11.2	ZFPM2	-0.159866616	0.000785531
RP11-44N11.2	AKAP12	-0.275864285	4.82E-09
RP11-44N11.2	GJB6	-0.297913193	1.90E-10
RP11-44N11.2	ERO1LB	-0.411517601	0
RP11-44N11.2	DNALI1	-0.294327791	3.88E-10
RP11-44N11.2	HKDC1	-0.316085749	1.57E-11
RP11-44N11.2	ZFP36L2	-0.360183055	8.54E-15
RP11-44N11.2	CAPSL	-0.300069802	1.38E-10
RP11-44N11.2	CYP7B1	-0.444894289	0
RP11-44N11.2	CPQ	-0.195787295	3.75E-05
RP11-44N11.2	RPS6KA6	-0.476129466	3.20E-26
RP11-44N11.2	TLE1	-0.447220843	0
RP11-44N11.2	TP53INP2	-0.423025698	0
RP11-44N11.2	KATNAL2	-0.48330889	0
RP11-44N11.2	SGPP2	-0.388067809	0
RP11-44N11.2	CTH	-0.441802807	0
RP11-44N11.2	KIF12	-0.190950791	5.84E-05
RP11-44N11.2	TMEM220	-0.452011534	0
RP11-44N11.2	CENPJ	-0.336633836	5.84E-13
RP11-44N11.2	FAM155B	-0.271890292	8.11E-09
RP11-44N11.2	WFS1	-0.375868823	2.45E-16
RP11-44N11.2	SELENBP1	-0.379560844	7.04E-17
RP11-44N11.2	SNTA1	-0.495384762	0
RP11-44N11.2	FRAS1	-0.311909638	2.97E-11
RP11-44N11.2	FBLN7	-0.462653149	0
RP11-44N11.2	AGPAT9	-0.44759657	0
RP11-44N11.2	GPR83	-0.376507374	2.03E-16
RP11-44N11.2	PRTG	-0.495675386	0
RP11-44N11.2	EGR3	-0.033085213	0.489148992
RP11-44N11.2	GRAMD2	-0.305071387	8.24E-11
RP11-44N11.2	HYOU1	-0.414791769	0
RP11-44N11.2	FBLN5	-0.231652374	9.95E-07
RP11-44N11.2	ITM2A	-0.311247543	3.28E-11
RP11-44N11.2	SRF	-0.280047487	2.77E-09
RP11-44N11.2	FGFR2	-0.402692636	0
RP11-44N11.2	MT1A	-0.239503919	3.82E-07
RP11-44N11.2	MAMDC2	-0.20933572	1.02E-05
RP11-44N11.2	FHL2	-0.281302888	2.34E-09
RP11-44N11.2	FTCDNL1	-0.590370535	0
RP11-44N11.2	PKIA	-0.192429585	5.10E-05
RP11-44N11.2	DNAJB4	-0.37731769	1.58E-16
RP11-44N11.2	SLC25A33	-0.373567374	4.57E-16
RP11-44N11.2	EYA2	-0.412269337	0
RP11-44N11.2	LPAR1	-0.411427392	0
RP11-44N11.2	STX11	-0.445176403	0
RP11-44N11.2	ARHGEF28	-0.516744866	0
RP11-44N11.2	OR2W3	-0.379160721	8.27E-17
RP11-44N11.2	ALDH1B1	-0.562597852	5.21E-38
RP11-44N11.2	CXCL12	-0.138361412	0.003701551
RP11-44N11.2	OLFM2	-0.198052434	3.03E-05
RP11-44N11.2	TUB	-0.480730575	0

RP11-44N11.2	HTRA3	-0.120205976	0.011755815
RP11-44N11.2	CKB	-0.345382634	1.31E-13
RP11-44N11.2	RGS2	-0.194317863	4.29E-05
RP11-44N11.2	SHANK2	-0.442436535	0
RP11-44N11.2	CNTFR	-0.41445058	1.19E-19
RP11-44N11.2	CYTH3	-0.407359078	0
RP11-44N11.2	PLAC9	-0.070387669	0.140866559
RP11-44N11.2	WVOX	-0.422399062	0
RP11-44N11.2	NPR3	-0.234456494	7.30E-07
RP11-44N11.2	SDC2	-0.13904833	0.003533556
RP11-44N11.2	KLF15	-0.49794478	0
RP11-44N11.2	TMEM164	-0.438608351	0
RP11-44N11.2	LONRF3	-0.207661049	1.20E-05
RP11-44N11.2	GBP1	-0.251611695	1.01E-07
RP11-44N11.2	ARHGAP6	-0.47855536	0
RP11-44N11.2	TMEM119	-0.111973607	0.018976773
RP11-44N11.2	SH3RF1	-0.472009861	0
RP11-44N11.2	CRELD2	-0.222509411	2.66E-06
RP11-44N11.2	PCP4	-0.094197727	0.048589713
RP11-44N11.2	GCSH	-0.392112721	0
RP11-44N11.2	IMPA2	-0.397961233	0
RP11-44N11.2	C1R	-0.068764485	0.150277682
RP11-44N11.2	SUCNR1	-0.214100455	6.33E-06
RP11-44N11.2	SFRP1	-0.330792416	1.53E-12
RP11-44N11.2	UGT8	-0.550744787	0
RP11-44N11.2	TLE4	-0.180989853	0.00014074
RP11-44N11.2	ANTXR1	-0.332846785	1.09E-12
RP11-44N11.2	GPX3	-0.274270177	5.95E-09
RP11-44N11.2	DPY19L2	-0.393524568	0
RP11-44N11.2	FAM46C	-0.437023746	0
RP11-44N11.2	IL33	-0.187535005	7.71E-05
RP11-44N11.2	PEG3	-0.434739318	0
RP11-44N11.2	FAHD2A	-0.449659024	0
RP11-44N11.2	PTGDS	-0.073247248	0.125395004
RP11-44N11.2	CHCHD10	-0.365416703	2.96E-15
RP11-44N11.2	CD36	-0.42365588	0
RP11-44N11.2	ANKRD37	-0.171208623	0.000319807
RP11-44N11.2	TSPAN33	-0.370854455	8.90E-16
RP11-44N11.2	PRDM16	-0.362600243	5.28E-15
RP11-44N11.2	UST	-0.463493108	0
RP11-44N11.2	NEXN	-0.474965463	0
RP11-44N11.2	NUPR1L	-0.132192679	0.00553664
RP11-44N11.2	SLC24A3	-0.561898575	0
RP11-44N11.2	MARC1	-0.343594635	1.78E-13
RP11-44N11.2	MYH11	-0.152291804	0.001387338
RP11-44N11.2	APOA1	-0.207249729	1.20E-05
RP11-44N11.2	TMEM178B	-0.212535991	7.42E-06
RP11-44N11.2	CAPNG	-0.150573271	0.001556583
RP11-44N11.2	PPM1L	-0.464600714	0
RP11-44N11.2	FZD8	-0.344853582	1.43E-13
RP11-44N11.2	RCAN2	-0.367502135	1.90E-15

RP11-44N11.2	COPZ2	-0.411930488	0
RP11-44N11.2	GAS1	-0.291667778	5.64E-10
RP11-44N11.2	DACT1	-0.298165195	2.25E-10
RP11-44N11.2	WBSCR17	-0.181427137	0.000135533
RP11-44N11.2	NCS1	-0.307015974	6.18E-11
RP11-44N11.2	SPIRE2	-0.412743073	0
RP11-44N11.2	C15orf52	-0.413935214	0
RP11-44N11.2	SPAG5	-0.346536621	1.07E-13
RP11-44N11.2	ARL4D	-0.354663179	2.45E-14
RP11-44N11.2	FAM189A2	-0.150417143	0.001590914
RP11-44N11.2	MAP1LC3A	-0.308008834	5.33E-11
RP11-44N11.2	KLF6	-0.086133577	0.071413722
RP11-44N11.2	ADD3	-0.318505065	1.08E-11
RP11-44N11.2	TSPAN7	-0.247263678	1.69E-07
RP11-44N11.2	KLF9	-0.374023239	4.06E-16
RP11-44N11.2	KCNQ1	-0.524376839	0
RP11-44N11.2	MAN1A1	-0.200413172	2.43E-05
RP11-44N11.2	MLF1	-0.278978602	3.19E-09
RP11-44N11.2	RARB	-0.467006839	0
RP11-44N11.2	CDC42EP2	-0.214059606	6.36E-06
RP11-44N11.2	FAM3B	-0.262614427	2.64E-08
RP11-44N11.2	GADD45B	-0.213722033	6.58E-06
RP11-44N11.2	TMEM47	-0.316554237	1.46E-11
RP11-44N11.2	SDF2L1	-0.130145638	0.006352224
RP11-44N11.2	CCDC85A	-0.360432547	8.13E-15
RP11-44N11.2	CRYBG3	-0.338738841	4.10E-13
RP11-44N11.2	FBLN2	-0.10292227	0.031119154
RP11-44N11.2	PEBP4	-0.338104687	4.56E-13
RP11-44N11.2	CDADC1	-0.485176743	0
RP11-44N11.2	FAM63A	-0.468378404	0
RP11-44N11.2	GLUL	-0.412731159	0
RP11-44N11.2	FREM2	-0.567066411	0
RP11-44N11.2	ACKR3	-0.327399672	2.66E-12
RP11-44N11.2	DENND6A	-0.516165178	0
RP11-44N11.2	CLDN8	-0.262171044	2.79E-08
RP11-44N11.2	UTS2R	-0.111031607	0.019968633
RP11-44N11.2	SCNN1B	-0.358325272	1.23E-14
RP11-44N11.2	TTC30A	-0.486166199	0
RP11-44N11.2	CORO2B	-0.298285756	2.21E-10
RP11-44N11.2	TC2N	-0.338397297	4.34E-13
RP11-44N11.2	ALDH2	-0.534626699	0
RP11-44N11.2	GPR183	-0.119309991	0.012401515
RP11-44N11.2	C4orf47	-0.206215729	1.39E-05
RP11-44N11.2	SLC25A42	-0.431203318	0
RP11-44N11.2	LGMN	-0.457723599	0
RP11-44N11.2	ACSF2	-0.481076232	0
RP11-44N11.2	KIAA1467	-0.589633833	0
RP11-44N11.2	PRKG1	-0.386420513	0
RP11-44N11.2	GNAI1	-0.470248385	0
RP11-44N11.2	ABCC4	-0.379561695	7.04E-17
RP11-44N11.2	PRPS1	-0.543277913	0

RP11-44N11.2	TSPAN5	-0.249152949	1.35E-07
RP11-44N11.2	CR2	-0.211172115	8.11E-06
RP11-44N11.2	CCDC170	-0.405451085	0
RP11-44N11.2	RRAD	-0.049054372	0.305003544
RP11-44N11.2	SCGB2A1	-0.391316447	0
RP11-44N11.2	SESN3	-0.269352258	1.12E-08
RP11-44N11.2	SGK223	-0.161807516	0.000676271
RP11-44N11.2	NDRG2	-0.557599633	0
RP11-44N11.2	C3orf52	-0.318943767	1.01E-11
RP11-44N11.2	FLRT3	0.292495397	5.03E-10
RP11-44N11.2	MST1R	0.593354647	0
RP11-44N11.2	SDC1	0.062203099	0.193233034
RP11-44N11.2	ST8SIA4	0.340553363	3.01E-13
RP11-44N11.2	UBTD1	0.466134825	0
RP11-44N11.2	EPHA2	0.444714865	0
RP11-44N11.2	TMEM130	0.487185866	0
RP11-44N11.2	SPINK2	0.312678821	2.64E-11
RP11-44N11.2	MMP16	0.514667945	0
RP11-44N11.2	SIGLEC15	0.558452926	0
RP11-44N11.2	RIN1	0.639169742	0
RP11-44N11.2	IL1RN	0.236049751	6.11E-07
RP11-44N11.2	FCER1G	0.232233765	9.33E-07
RP11-44N11.2	CD276	0.634575637	0
RP11-44N11.2	CTSB	0.250942366	1.10E-07
RP11-44N11.2	FAM171A2	0.359995121	8.86E-15
RP11-44N11.2	ASPHD1	0.425394378	0
RP11-44N11.2	C15orf48	0.234908955	6.94E-07
RP11-44N11.2	DYSF	0.317929064	1.18E-11
RP11-44N11.2	PDZRN4	0.345225195	1.34E-13
RP11-44N11.2	EFHD2	0.544782521	0
RP11-44N11.2	ASF1B	0.243528823	2.61E-07
RP11-44N11.2	AQP1	0.265459254	1.85E-08
RP11-44N11.2	ARRDC2	0.474484777	0
RP11-44N11.2	PRSS1	0.535862914	5.37E-34
RP11-44N11.2	MAPK13	0.419285878	0
RP11-44N11.2	CST5	0.487233834	1.49E-27
RP11-44N11.2	AHR	0.326898561	2.88E-12
RP11-44N11.2	BAX	0.489317111	0
RP11-44N11.2	C1orf115	0.250868469	1.11E-07
RP11-44N11.2	PLK3	0.487069134	0
RP11-44N11.2	JAG2	0.423218171	0
RP11-44N11.2	RAD23B	0.43363781	0
RP11-44N11.2	CA12	0.10378308	0.029731569
RP11-44N11.2	ADTRP	0.37326058	4.95E-16
RP11-44N11.2	UCP2	0.493239475	0
RP11-44N11.2	IGFBP2	0.297173753	2.59E-10
RP11-44N11.2	LOXL2	0.292706451	4.88E-10
RP11-44N11.2	GPX1	0.460288156	0
RP11-44N11.2	P3H3	0.525841307	0
RP11-44N11.2	C2orf81	0.588272197	0
RP11-44N11.2	CDT1	0.338981524	3.93E-13

RP11-44N11.2	SNX25	0.453138147	0
RP11-44N11.2	MTHFD1L	0.421729874	0
RP11-44N11.2	CDC42BPG	0.430155795	3.37E-21
RP11-44N11.2	MSN	0.307432124	5.81E-11
RP11-44N11.2	SIGLEC6	0.372020185	7.40E-16
RP11-44N11.2	F2R	0.259465643	3.90E-08
RP11-44N11.2	TMEM184A	0.449671222	0
RP11-44N11.2	CKS2	0.263205037	2.45E-08
RP11-44N11.2	TAX1BP3	0.596164015	0
RP11-44N11.2	PMEPA1	0.504973945	0
RP11-44N11.2	CXCL16	0.328845134	2.10E-12
RP11-44N11.2	FAXC	0.574811002	0
RP11-44N11.2	VTCN1	0.343148137	1.41E-13
RP11-44N11.2	SH2D4A	0.428752798	0
RP11-44N11.2	RNF24	0.405600297	0
RP11-44N11.2	LY6G6C	0.39321146	1.10E-17
RP11-44N11.2	NID1	0.320098747	8.44E-12
RP11-44N11.2	STAC	0.487440322	0
RP11-44N11.2	RAB34	0.697108083	0
RP11-44N11.2	HES4	0.425841732	0
RP11-44N11.2	EPHA10	0.498180797	0
RP11-44N11.2	ENTPD2	0.514544263	0
RP11-44N11.2	DDB2	0.448580068	0
RP11-44N11.2	NKAIN4	0.348050165	8.16E-14
RP11-44N11.2	TRIM29	0.39625706	0
RP11-44N11.2	ADCY8	0.541189887	9.10E-35
RP11-44N11.2	SFTA2	0.2899324	7.19E-10
RP11-44N11.2	NRIP1	0.475059643	0
RP11-44N11.2	VWA1	0.436688869	0
RP11-44N11.2	APLNR	0.317274912	1.31E-11
RP11-44N11.2	REN	0.533037508	1.36E-33
RP11-44N11.2	EDIL3	0.259468763	3.90E-08
RP11-44N11.2	AGRN	0.466142909	0
RP11-44N11.2	TREM1	0.435452616	0
RP11-44N11.2	SRL	0.351506594	4.38E-14
RP11-44N11.2	RASGRF1	0.593797462	0
RP11-44N11.2	RMI2	0.477626327	0
RP11-44N11.2	SAMD1	0.544756707	0
RP11-44N11.2	MGAT4B	0.465319403	0
RP11-44N11.2	NXN	0.541518707	0
RP11-44N11.2	SH3BGRL3	0.482983374	0
RP11-44N11.2	CA11	0.438296735	0
RP11-44N11.2	PLD3	0.444827909	0
RP11-44N11.2	LURAP1L	0.18729423	8.11E-05
RP11-44N11.2	CARNS1	0.392280089	0
RP11-44N11.2	PDLIM7	0.594471614	0
RP11-44N11.2	BCL2L1	0.522564727	0
RP11-44N11.2	GGT6	0.147644653	0.001942598
RP11-44N11.2	DPYSL3	0.485966209	0
RP11-44N11.2	FYN	0.415528613	0
RP11-44N11.2	TK1	0.265785338	1.77E-08

RP11-44N11.2	AK1	0.325781452	3.44E-12
RP11-44N11.2	HIGD1B	0.297503808	2.47E-10
RP11-44N11.2	TMEM59L	0.544862234	0
RP11-44N11.2	MEGF9	0.28286338	1.90E-09
RP11-44N11.2	ZFP36L1	0.367338596	1.97E-15
RP11-44N11.2	ADRA1B	0.451739349	0
RP11-44N11.2	EPHA4	0.503776555	0
RP11-44N11.2	TCERG1L	0.475609261	0
RP11-44N11.2	NGFR	0.421812991	0
RP11-44N11.2	EBI3	0.369805286	1.14E-15
RP11-44N11.2	S100A10	0.467038469	0
RP11-44N11.2	S100B	0.360928693	7.38E-15
RP11-44N11.2	CD44	0.298837077	2.04E-10
RP11-44N11.2	BHLHE41	0.428334946	0
RP11-44N11.2	FBXO2	0.485619701	0
RP11-44N11.2	SLC30A2	0.150993002	0.001525635
RP11-44N11.2	FRMD5	0.242281649	3.02E-07
RP11-44N11.2	SAMD11	0.355630225	2.04E-14
RP11-44N11.2	SIPA1L2	0.502754619	0
RP11-44N11.2	S100A16	0.534364868	0
RP11-44N11.2	PPL	0.431782864	0
RP11-44N11.2	ARHGDIB	0.36866137	1.47E-15
RP11-44N11.2	CDC42EP3	0.347719401	8.65E-14
RP11-44N11.2	RUNX2	0.485226528	0
RP11-44N11.2	LAMC2	0.300906197	1.51E-10
RP11-44N11.2	BRINP1	0.409506492	0
RP11-44N11.2	GPRC5B	0.385977414	0
RP11-44N11.2	AQP5	0.424160253	0
RP11-44N11.2	PLAG1	0.38350959	0
RP11-44N11.2	PTPRU	0.424795258	0
RP11-44N11.2	ANGPTL4	0.466473674	0
RP11-44N11.2	PALM3	0.395214841	0
RP11-44N11.2	ACP5	0.348759209	7.19E-14
RP11-44N11.2	DLG4	0.425062763	0
RP11-44N11.2	ETNK2	0.513392546	0
RP11-44N11.2	CD109	0.568130189	0
RP11-44N11.2	SNX22	0.459555568	0
RP11-44N11.2	TMEM98	0.582245679	0
RP11-44N11.2	CTHRC1	0.349671505	6.11E-14
RP11-44N11.2	S100A2	0.414473486	0
RP11-44N11.2	C11orf80	0.526153916	0
RP11-44N11.2	SREBF1	0.511857442	0
RP11-44N11.2	PRSS22	0.390587546	0
RP11-44N11.2	CMTM3	0.536103791	0
RP11-44N11.2	RDH5	0.493388262	0
RP11-44N11.2	MYH10	0.457832388	0
RP11-44N11.2	EVPL	0.543484002	0
RP11-44N11.2	SCD	0.229458296	1.26E-06
RP11-44N11.2	CD151	0.622678197	0
RP11-44N11.2	S100A4	0.414265553	0
RP11-44N11.2	BNIP1	0.368372447	1.57E-15

RP11-44N11.2	MAP3K6	0.461550649	0
RP11-44N11.2	MANEAL	0.254311849	7.32E-08
RP11-44N11.2	CD207	0.40069174	2.32E-18
RP11-44N11.2	CD1A	0.398407698	3.75E-18
RP11-44N11.2	C3	0.328982148	2.06E-12
RP11-44N11.2	NT5E	0.449803981	0
RP11-44N11.2	CACNG4	0.449202343	3.46E-23
RP11-44N11.2	FHOD1	0.404724311	0
RP11-44N11.2	LEMD1	0.53602961	0
RP11-44N11.2	ATP11A	0.419870106	0
RP11-44N11.2	PPAP2C	0.470161155	0
RP11-44N11.2	DRAM1	0.486208467	0
RP11-44N11.2	CDA	0.351651693	4.27E-14
RP11-44N11.2	CCND2	0.453701524	0
RP11-44N11.2	LCN6	0.518551606	1.39E-31
RP11-44N11.2	CDH4	0.494330912	0
RP11-44N11.2	MMP11	0.432694452	0
RP11-44N11.2	B3GAT1	0.434890516	0
RP11-44N11.2	SPP1	0.1085637	0.022952951
RP11-44N11.2	HLA-DQB1	0.204016686	1.72E-05
RP11-44N11.2	SDC3	0.613333683	0
RP11-44N11.2	CX3CL1	0.38224341	1.45E-17
RP11-44N11.2	SDK1	0.538060859	0
RP11-44N11.2	DOCK9	0.409277709	0
RP11-44N11.2	CSF2	0.536291156	4.66E-34
RP11-44N11.2	GRHL3	0.52755626	0
RP11-44N11.2	TMEM92	0.546738389	1.38E-35
RP11-44N11.2	BASP1	0.568517405	0
RP11-44N11.2	HRH1	0.591096316	0
RP11-44N11.2	ESM1	0.203539971	1.80E-05
RP11-44N11.2	B4GALNT3	0.514562276	0
RP11-44N11.2	LMO3	0.386201658	0
RP11-44N11.2	C9orf16	0.52104863	0
RP11-44N11.2	SEMA3F	0.480052735	0
RP11-44N11.2	PLA2G12B	0.254430799	6.48E-08
RP11-44N11.2	KLK6	0.48676302	1.70E-27
RP11-44N11.2	ST3GAL5	0.499435772	0
RP11-44N11.2	FAM132B	0.2767858	4.27E-09
RP11-44N11.2	CDKN1A	0.272517354	7.47E-09
RP11-44N11.2	E2F1	0.293025301	4.67E-10
RP11-44N11.2	B3GNT8	0.44176139	0
RP11-44N11.2	MTMR11	0.499214931	0
RP11-44N11.2	MYO1G	0.439491429	0
RP11-44N11.2	TMSB10	0.555023729	0
RP11-44N11.2	UNC5CL	0.500599829	0
RP11-44N11.2	ABR	0.448200229	0
RP11-44N11.2	PLP2	0.49330784	0
RP11-44N11.2	SRCIN1	0.242609434	2.91E-07
RP11-44N11.2	PDE9A	0.54454849	0
RP11-44N11.2	TREM2	0.249909933	1.24E-07
RP11-44N11.2	KDEL3	0.46333808	0

RP11-44N11.2	PC	0.517594187	0
RP11-44N11.2	C2CD4A	0.30576029	7.44E-11
RP11-44N11.2	PEL11	0.433520795	0
RP11-44N11.2	SSX1	0.345229592	1.34E-13
RP11-44N11.2	MROH6	0.479824235	0
RP11-44N11.2	ESPN	0.492454265	0
RP11-44N11.2	BMP1	0.448349725	0
RP11-44N11.2	TM4SF4	0.492252779	3.59E-28
RP11-44N11.2	CORO2A	0.502434776	0
RP11-44N11.2	CD164L2	0.422175754	2.11E-20
RP11-44N11.2	CTSS	0.266171419	1.69E-08
RP11-44N11.2	CLU	0.609223952	0
RP11-44N11.2	TMSB4X	0.543957313	0
RP11-44N11.2	WNT10A	0.434674159	1.17E-21
RP11-44N11.2	NAPSA	0.5098808	0
RP11-44N11.2	PLEKHA4	0.548025627	0
RP11-44N11.2	SFTPA1	0.29682624	2.22E-10
RP11-44N11.2	Clorf116	0.432633887	0
RP11-44N11.2	TM4SF1	0.442781341	0
RP11-44N11.2	SEL1L3	0.476985082	0
RP11-44N11.2	VASN	0.617124706	0
RP11-44N11.2	NPTXR	0.430099825	0
RP11-44N11.2	PDE4C	0.371714981	7.25E-16
RP11-44N11.2	CDC42EP1	0.704874233	0
RP11-44N11.2	ENDOD1	0.443521164	0
RP11-44N11.2	RYR1	0.647057872	0
RP11-44N11.2	IL1RAP	0.550956975	0
RP11-44N11.2	SLC35F2	0.539160896	1.80E-34
RP11-44N11.2	ISYNA1	0.610233975	0
RP11-44N11.2	HLA-G	0.35037757	5.38E-14
RP11-44N11.2	CDKN2B	0.408889642	0
RP11-44N11.2	ALDH1A3	0.394398426	0
RP11-44N11.2	CLIP3	0.48160415	0
RP11-44N11.2	ULBP2	0.509010062	0
RP11-44N11.2	ETHE1	0.529523824	0
RP11-44N11.2	XPR1	0.490663003	0
RP11-44N11.2	SPTBN2	0.337290684	5.23E-13
RP11-44N11.2	IVL	0.416882518	6.93E-20
RP11-44N11.2	MARCO	0.31636219	1.51E-11
RP11-44N11.2	PLXND1	0.439193571	0
RP11-44N11.2	EMILIN2	0.379592332	6.95E-17
RP11-44N11.2	PLAUR	0.450807195	0
RP11-44N11.2	CDC42EP5	0.589648017	0
RP11-44N11.2	TRPC5	0.430862324	2.86E-21
RP11-44N11.2	TMEM100	0.432330356	0
RP11-44N11.2	QSOX1	0.640999299	0
RP11-44N11.2	ARHGAP23	0.449326274	0
RP11-44N11.2	MDF1	0.550942933	0
RP11-44N11.2	FSTL3	0.541564946	0
RP11-44N11.2	INF2	0.530817095	0
RP11-44N11.2	TGFBR1	0.4872626	0

RP11-44N11.2	TGFBI	0.338300422	4.41E-13
RP11-44N11.2	ERBB3	0.366562889	2.32E-15
RP11-44N11.2	CCL18	0.302577181	1.19E-10
RP11-44N11.2	CCL17	0.422628924	1.90E-20
RP11-44N11.2	C16orf45	0.565115158	0
RP11-44N11.2	PRDM1	0.365738106	2.77E-15
RP11-44N11.2	TRIM47	0.454921323	0
RP11-44N11.2	CNFN	0.504082782	0
RP11-44N11.2	ARMCX3	0.426515601	0
RP11-44N11.2	RAMP1	0.533374135	0
RP11-44N11.2	GABRD	0.394216165	0
RP11-44N11.2	COL13A1	0.464652769	0
RP11-44N11.2	S100A5	0.484033536	0
RP11-44N11.2	MISP	0.414655889	0
RP11-44N11.2	HES6	0.441196595	0
RP11-44N11.2	PSD3	0.390580738	0
RP11-44N11.2	DOK7	0.557100083	0
RP11-44N11.2	ZMAT3	0.379000871	8.79E-17
RP11-44N11.2	MFAP2	0.428967397	0
RP11-44N11.2	TMEM79	0.493403581	0
RP11-44N11.2	SLC1A5	0.381909099	1.94E-17
RP11-44N11.2	BBC3	0.581580746	0
RP11-44N11.2	HLA-DQB2	0.270126405	1.02E-08
RP11-44N11.2	C1QL1	0.488967908	0
RP11-44N11.2	TMEM215	0.503079962	1.54E-29
RP11-44N11.2	PNP	0.443826964	0
RP11-44N11.2	ARNTL	0.61714201	0
RP11-44N11.2	CLDN2	0.366520706	2.10E-15
RP11-44N11.2	MVP	0.542612839	0
RP11-44N11.2	LGALS1	0.612920086	0
RP11-44N11.2	BIRC7	0.343545378	1.32E-13
RP11-44N11.2	COL8A1	0.463287728	0
RP11-44N11.2	PERP	0.4047636	0
RP11-44N11.2	GJA4	0.545527733	0
RP11-44N11.2	IGFL2	0.505682869	7.08E-30
RP11-44N11.2	DAPK2	0.501041226	0
RP11-44N11.2	MAMLD1	0.570343983	0
RP11-44N11.2	ETV5	0.505944678	0
RP11-44N11.2	RUNX1	0.459953846	0
RP11-44N11.2	LONRF2	0.44221995	0
RP11-44N11.2	SPOCK1	0.398527731	0
RP11-44N11.2	XKRX	0.460071146	0
RP11-44N11.2	TGFB1	0.53849247	0
RP11-44N11.2	ERP27	0.339929422	3.35E-13
RP11-44N11.2	TNFRSF10C	0.346584562	1.06E-13
RP11-44N11.2	PALM	0.594770039	0
RP11-44N11.2	TSC22D1	0.608491647	0
RP11-44N11.2	TGM2	0.32411912	4.48E-12
RP11-44N11.2	UBE2QL1	0.463999609	0
RP11-44N11.2	ECE1	0.664216903	0
RP11-44N11.2	COL8A2	0.602536899	0

RP11-44N11.2	HIST3H2A	0.366119081	2.55E-15
RP11-44N11.2	TNFRSF21	0.460191849	0
RP11-44N11.2	SOX4	0.516006888	0
RP11-44N11.2	ELF3	0.402886102	0
RP11-44N11.2	TPD52L1	0.415953699	0
RP11-44N11.2	INHBB	0.521271882	0
RP11-44N11.2	HPN	0.383462074	1.10E-19
RP11-44N11.2	MMP7	0.304629885	7.03E-11
RP11-44N11.2	RAB27A	0.471607043	0
RP11-44N11.2	IGF2BP2	0.408768513	0
RP11-44N11.2	ITGB4	0.603639683	0
RP11-44N11.2	PPP1R1B	0.526217034	0
RP11-44N11.2	NPDC1	0.553177861	0
RP11-44N11.2	CCL13	0.454204426	9.89E-24
RP11-44N11.2	SPINT1	0.491933722	0
RP11-44N11.2	HEY2	0.479569638	0
RP11-44N11.2	CST2	0.466525451	4.15E-25
RP11-44N11.2	ADM	0.276340432	4.53E-09
RP11-44N11.2	VSTM2L	0.276395606	4.50E-09
RP11-44N11.2	FAM84A	0.471177702	0
RP11-44N11.2	P4HA2	0.400101981	0
RP11-44N11.2	LPL	0.565262385	0
RP11-44N11.2	TMEM173	0.534028288	0
RP11-44N11.2	DHRS3	0.565551449	0
RP11-44N11.2	SCN1B	0.483269885	0
RP11-44N11.2	GLT1D1	0.413424601	0
RP11-44N11.2	PHYHIP	0.371337127	7.94E-16
RP11-44N11.2	BHLHE40	0.360195111	8.52E-15
RP11-44N11.2	BID	0.560400633	0
RP11-44N11.2	POSTN	0.257484745	4.98E-08
RP11-44N11.2	ITGA3	0.484097646	0
RP11-44N11.2	RSP04	0.583535404	0
RP11-44N11.2	ADAMTS9	0.442917221	0
RP11-44N11.2	ABTB2	0.529417447	0
RP11-44N11.2	KCNQ3	0.526476879	0
RP11-44N11.2	ANXA1	0.517273777	0
RP11-44N11.2	S100A11	0.52539835	0
RP11-44N11.2	CEACAM6	0.380575606	1.41E-16
RP11-44N11.2	IER5L	0.504942173	0
RP11-44N11.2	KRT80	0.318515561	1.08E-11
RP11-44N11.2	CDH6	0.562005662	0
RP11-44N11.2	UNC5B	0.385570909	0
RP11-44N11.2	PLEKHN1	0.602743697	0
RP11-44N11.2	SYTL1	0.589579651	0
RP11-44N11.2	TMEM163	0.679385391	0
RP11-44N11.2	C4orf48	0.49564404	0
RP11-44N11.2	B3GNT7	0.419256376	0
RP11-44N11.2	BAIAP3	0.50476672	0
RP11-44N11.2	PHLDA2	0.510068167	0
RP11-44N11.2	GAP43	0.644310578	7.45E-53
RP11-44N11.2	S100A1	0.30322722	1.08E-10

RP11-44N11.2	PTPRE	0.521821359	0
RP11-44N11.2	CCND1	0.506774992	0
RP11-44N11.2	ST6GALNAC5	0.48782065	1.26E-27
RP11-44N11.2	KRT17	0.391124683	0
RP11-44N11.2	HPCAL4	0.52345206	0
RP11-44N11.2	GABBR2	0.401909695	0
RP11-44N11.2	DIRAS3	0.495106335	0
RP11-44N11.2	SERINC2	0.353100418	3.27E-14
RP11-44N11.2	PTCHD4	0.482736152	0
RP11-44N11.2	EPS8	0.436061807	0
RP11-44N11.2	LY6E	0.484510676	0
RP11-44N11.2	UPP1	0.594098866	0
RP11-44N11.2	AHNAK2	0.421518111	0
RP11-44N11.2	PLXNC1	0.344135886	1.62E-13
RP11-44N11.2	TNC	0.370707086	9.21E-16
RP11-44N11.2	DUSP4	0.41946587	0
RP11-44N11.2	NRCAM	0.421110755	0
RP11-44N11.2	NRP2	0.500269349	0
RP11-44N11.2	CTSC	0.471105081	0
RP11-44N11.2	AMIGO2	0.603973993	0
RP11-44N11.2	NAB2	0.487015945	0
RP11-44N11.2	TBC1D2	0.51844989	0
RP11-44N11.2	PHLDA3	0.491671182	0
RP11-44N11.2	PTP4A3	0.455105995	0
RP11-44N11.2	CRABP2	0.250608056	1.14E-07
RP11-44N11.2	GOS2	0.497147797	0
RP11-44N11.2	S100A6	0.557766718	0
RP11-44N11.2	FOXQ1	0.455120179	0
RP11-44N11.2	LRG1	0.53078036	0
RP11-44N11.2	LAMP5	0.530336551	0
RP11-44N11.2	ALDH3B1	0.434192677	0
RP11-44N11.2	CDH2	0.33027471	1.67E-12
RP11-44N11.2	SCG5	0.444851028	0
RP11-44N11.2	ZCCHC16	0.443610651	1.37E-22
RP11-44N11.2	GRB7	0.554148027	0
RP11-44N11.2	TIAM1	0.722973218	0
RP11-44N11.2	FXYS5	0.50984066	0
RP11-44N11.2	CLDN9	0.373967638	4.12E-16
RP11-44N11.2	FAM43A	0.437722862	0
RP11-44N11.2	CHST2	0.630112874	0
RP11-44N11.2	HMGA2	0.474761643	0
RP11-44N11.2	GALNT7	0.413279927	0
RP11-44N11.2	CBLN1	0.485940962	0
RP11-44N11.2	STRA6	0.567559295	0
RP11-44N11.2	MUC21	0.367897442	1.62E-15
RP11-44N11.2	PRR36	0.555840853	0
RP11-44N11.2	NFE2L3	0.472784008	0
RP11-44N11.2	NR1D1	0.248293416	1.50E-07
RP11-44N11.2	MUC1	0.367703543	1.82E-15
RP11-44N11.2	NAT8L	0.498108318	0
RP11-44N11.2	APOC1	0.413518071	0

RP11-44N11.2	EVA1A	0.622929532	0
RP11-44N11.2	ENTPD1	0.416590406	0
RP11-44N11.2	COL1A1	0.414511782	0
RP11-44N11.2	FNDC4	0.47307605	0
RP11-44N11.2	FRMD3	0.371063949	8.47E-16
RP11-44N11.2	SHROOM4	0.498475535	0
RP11-44N11.2	NELL2	0.460913658	0
RP11-44N11.2	EPHB3	0.518561658	0
RP11-44N11.2	TMC6	0.539494691	0
RP11-44N11.2	NOD1	0.561292647	0
RP11-44N11.2	GGCT	0.548336392	0
RP11-44N11.2	ICAM1	0.392408026	0
RP11-44N11.2	PRSS23	0.546641013	0
RP11-44N11.2	CFI	0.513020223	0
RP11-44N11.2	CD55	0.494430056	0
RP11-44N11.2	RASD2	0.668075157	0
RP11-44N11.2	KLK11	0.459290221	2.71E-24
RP11-44N11.2	ICAM5	0.527321803	0
RP11-44N11.2	ADORA1	0.402972197	0
RP11-44N11.2	ITGA2	0.465434858	0
RP11-44N11.2	ABCC3	0.444500407	0
RP11-44N11.2	MFGE8	0.607785298	0
RP11-44N11.2	STK32A	0.523307245	0
RP11-44N11.2	CYSLTR2	0.617223141	0
RP11-44N11.2	LAD1	0.454635521	0
RP11-44N11.2	MGAT3	0.51023979	0
RP11-44N11.2	IGFBP6	0.600588908	0
RP11-44N11.2	CYP2S1	0.4358204	0
RP11-44N11.2	KCNJ2	0.534630954	0
RP11-44N11.2	FAM20A	0.558193647	0
RP11-44N11.2	TGFA	0.489570007	0
RP11-44N11.2	MXRA8	0.684024742	0
RP11-44N11.2	C8orf4	0.448152288	0
RP11-44N11.2	CLDN10	0.556028056	5.46E-37
RP11-44N11.2	PDE5A	0.432248941	0
RP11-44N11.2	APOE	0.420684818	0
RP11-44N11.2	SPOCK2	0.441736569	0
RP11-44N11.2	TENM1	0.416278222	0
RP11-44N11.2	SLIT1	0.484055521	0
RP11-44N11.2	CXCL14	0.535395598	0
RP11-44N11.2	ECM1	0.421267627	0
RP11-44N11.2	DUSP5	0.498565459	0
RP11-44N11.2	SEZ6L2	0.339380938	3.68E-13
RP11-44N11.2	THRSP	0.22036228	3.33E-06
RP11-44N11.2	C19orf33	0.544120142	0
RP11-44N11.2	MPZL2	0.445536953	0
RP11-44N11.2	CTSH	0.468220823	0
RP11-44N11.2	CYP1B1	0.425801876	0
RP11-44N11.2	ALOX5	0.371830862	7.05E-16
RP11-44N11.2	SYTL5	0.564498966	2.62E-38
RP11-44N11.2	TNFRSF12A	0.570373486	0

RP11-44N11.2	DUSP6	0.650549335	0
RP11-44N11.2	ALOX15B	0.423691765	0
RP11-44N11.2	SDC4	0.656157575	0
RP11-44N11.2	MDK	0.625547704	0
RP11-44N11.2	KRT19	0.502594343	0
RP11-44N11.2	MET	0.449614487	0
RP11-44N11.2	TESC	0.555188686	0
RP11-44N11.2	CXCL17	0.373311584	5.78E-16
RP11-44N11.2	NPC2	0.560428291	0
RP11-44N11.2	COMP	0.54148807	0
RP11-44N11.2	TUSC3	0.619947832	0
RP11-44N11.2	TMPRSS4	0.577577393	0
RP11-44N11.2	LGALS3	0.492042511	0
RP11-44N11.2	CRLF1	0.590033956	0
RP11-44N11.2	CTXN1	0.711788368	0
RP11-44N11.2	PCSK1N	0.543096503	0
RP11-44N11.2	NMU	0.263293297	2.14E-08
RP11-44N11.2	GALE	0.519809967	0
RP11-44N11.2	PCSK2	0.338507788	4.26E-13
RP11-44N11.2	GJB3	0.609804634	0
RP11-44N11.2	SLPI	0.476773461	0
RP11-44N11.2	AGR2	0.553594011	0
RP11-44N11.2	MRC2	0.696829656	0
RP11-44N11.2	GOLT1A	0.583676106	0
RP11-44N11.2	SLC27A6	0.550575878	3.69E-36
RP11-44N11.2	KCNN4	0.597657702	0
RP11-44N11.2	ETV4	0.613540007	9.42E-47
RP11-44N11.2	SYT12	0.601021086	0
RP11-44N11.2	PVRL4	0.467643121	0
RP11-44N11.2	PLCD3	0.517082013	0
RP11-44N11.2	PLAU	0.511887937	0
RP11-44N11.2	LRRK2	0.32526715	3.74E-12
RP11-44N11.2	SFN	0.467331646	0
RP11-44N11.2	LPAR5	0.513932661	0
RP11-44N11.2	NGEF	0.480099399	0
RP11-44N11.2	DTX4	0.526375749	0
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RP11-44N11.2	TIMP1	0.650125384	0
RP11-44N11.2	CAMK2N1	0.55652777	0
RP11-44N11.2	KLHDC8A	0.585258158	0
RP11-44N11.2	PDLIM4	0.573867218	0
RP11-44N11.2	SCEL	0.435043133	0
RP11-44N11.2	LCN2	0.3879698	0
RP11-44N11.2	PROS1	0.415977527	0
RP11-44N11.2	GABRB2	0.573699424	0
RP11-44N11.2	TMPRSS6	0.531481886	0
RP11-44N11.2	KLK7	0.43098461	2.78E-21
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RP11-44N11.2	ARHGAP36	0.576293667	3.28E-40
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RP11-44N11.2	KLK10	0.544794577	0
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RP11-44N11.2	METTL7B	0.546970075	0
RP11-44N11.2	LIPH	0.58127608	0
RP11-44N11.2	CLDN16	0.445039388	0
RP11-44N11.2	CHI3L1	0.356375154	1.78E-14
RP11-44N11.2	SLC22A31	0.621740307	2.60E-48
RP11-44N11.2	TACSTD2	0.555211805	0
RP11-44N11.2	SFTPB	0.466986982	0
RP11-44N11.2	RXRG	0.549451232	0
RP11-44N11.2	DCSTAMP	0.465237857	5.81E-25
RP11-44N11.2	CITED1	0.44348074	0
RP11-44N11.2	SERPINA1	0.510409002	0
RP11-44N11.2	PRR15	0.735319431	0
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LINC01314	MT1G	-0.345497097	1.28E-13
LINC01314	DIO1	-0.353099709	3.27E-14
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LINC01314	WSCD2	-0.304355616	7.32E-11
LINC01314	IPCEF1	-0.343661299	1.76E-13
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LINC01314	MATN2	-0.247684509	1.61E-07
LINC01314	PLA2R1	-0.328508129	2.22E-12
LINC01314	COL23A1	-0.187628965	7.87E-05
LINC01314	HGD	-0.301798211	1.33E-10
LINC01314	TCEAL2	-0.200336721	2.44E-05
LINC01314	CHRD1	-0.287183394	8.81E-10
LINC01314	TNFRSF11B	-0.312811581	2.59E-11

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LINC01314	SNAI1	-0.369833795	1.13E-15
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LINC01314	MT1X	-0.204181642	1.69E-05
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LINC01314	B3GNT8	0.293884976	4.13E-10
LINC01314	MTMR11	0.309237569	4.44E-11
LINC01314	MYO1G	-0.039882899	0.404365029
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LINC01314	SSX1	0.169360768	0.000371666
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LINC01314	TM4SF4	0.286302708	9.97E-10
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LINC01314	PLEKHA4	0.555814046	0
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LINC01314	CDC42EP1	0.184790379	0.000101131
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RP11-221N13.3	TPO	-0.656497941	1.81E-55
RP11-221N13.3	MT1G	-0.559243778	1.74E-37
RP11-221N13.3	DIO1	-0.646139248	3.07E-53
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RP11-221N13.3	CRABP1	-0.465162004	5.93E-25
RP11-221N13.3	SLC26A7	-0.512325274	9.51E-31
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RP11-221N13.3	SLC26A4	-0.503164542	1.50E-29
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RP11-221N13.3	TFCP2L1	-0.603698986	6.12E-45
RP11-221N13.3	WSCD2	-0.619552141	6.84E-48
RP11-221N13.3	IPCEF1	-0.551362139	2.80E-36
RP11-221N13.3	SLC5A5	-0.513967247	5.75E-31
RP11-221N13.3	MT1F	-0.611093129	2.70E-46
RP11-221N13.3	FOSB	-0.42200811	2.19E-20
RP11-221N13.3	SEMA3D	-0.633274233	1.38E-50
RP11-221N13.3	BMP8A	-0.523488045	2.95E-32
RP11-221N13.3	MATN2	-0.598410708	5.43E-44
RP11-221N13.3	PLA2R1	-0.592597205	5.72E-43
RP11-221N13.3	COL23A1	-0.501535819	2.42E-29

RP11-221N13.3	HGD	-0.561800829	6.95E-38
RP11-221N13.3	TCEAL2	-0.445724231	8.15E-23
RP11-221N13.3	CHRDL1	-0.363495661	3.69E-15
RP11-221N13.3	TNFRSF11B	-0.556872393	4.05E-37
RP11-221N13.3	FAM167A	-0.594509319	2.65E-43
RP11-221N13.3	KIT	-0.640545451	4.54E-52
RP11-221N13.3	SLC4A4	-0.616378571	2.75E-47
RP11-221N13.3	SMOC2	-0.460213948	2.14E-24
RP11-221N13.3	FHL1	-0.637811103	1.66E-51
RP11-221N13.3	OTOS	-0.503034618	1.56E-29
RP11-221N13.3	IGFBPL1	-0.567818801	7.77E-39
RP11-221N13.3	HBB	-0.382492543	9.62E-17
RP11-221N13.3	BEX1	-0.408760182	4.13E-19
RP11-221N13.3	FABP4	-0.529689408	4.04E-33
RP11-221N13.3	LMOD1	-0.569210857	4.65E-39
RP11-221N13.3	SOD3	-0.56924036	4.60E-39
RP11-221N13.3	TMEM171	-0.603309074	7.20E-45
RP11-221N13.3	PI16	-0.367994315	1.59E-15
RP11-221N13.3	ZMAT4	-0.625676162	4.46E-49
RP11-221N13.3	MFAP4	-0.305005737	6.64E-11
RP11-221N13.3	CWH43	-0.606558315	1.85E-45
RP11-221N13.3	SPX	-0.540031715	1.34E-34
RP11-221N13.3	APOD	-0.290239011	5.73E-10
RP11-221N13.3	DPP6	-0.579801739	8.62E-41
RP11-221N13.3	MMRN1	-0.43309202	1.69E-21
RP11-221N13.3	WDR72	-0.519368085	1.08E-31
RP11-221N13.3	MPPED2	-0.626625921	2.90E-49
RP11-221N13.3	PAPSS2	-0.520733415	7.03E-32
RP11-221N13.3	DCN	-0.23902722	4.03E-07
RP11-221N13.3	SORBS2	-0.636276703	3.41E-51
RP11-221N13.3	EGR2	-0.314430997	1.57E-11
RP11-221N13.3	EDN3	-0.238463007	4.30E-07
RP11-221N13.3	DIO2	-0.495849261	1.28E-28
RP11-221N13.3	ITPR1	-0.606519855	1.88E-45
RP11-221N13.3	CFD	-0.301741626	1.08E-10
RP11-221N13.3	CPXM1	-0.501330722	2.57E-29
RP11-221N13.3	ELMO1	-0.626057861	3.75E-49
RP11-221N13.3	GPC3	-0.523543451	2.90E-32
RP11-221N13.3	MYOC	-0.24799078	1.41E-07
RP11-221N13.3	DEPTOR	-0.679592387	8.94E-61
RP11-221N13.3	DGKI	-0.668818818	3.06E-58
RP11-221N13.3	CARTPT	-0.441915178	2.06E-22
RP11-221N13.3	IYD	-0.44236835	1.85E-22
RP11-221N13.3	LYVE1	-0.387280701	3.69E-17
RP11-221N13.3	CLCNKB	-0.578952131	1.19E-40
RP11-221N13.3	NCAM1	-0.544579884	2.89E-35
RP11-221N13.3	HBA2	-0.37128183	8.52E-16
RP11-221N13.3	GLT8D2	-0.499920004	3.90E-29
RP11-221N13.3	OGDHL	-0.521240201	5.99E-32
RP11-221N13.3	LIFR	-0.528437189	6.06E-33
RP11-221N13.3	CSGALNACT1	-0.541931915	7.09E-35

RP11-221N13.3	RAP1GAP	-0.546752838	1.38E-35
RP11-221N13.3	COL9A3	-0.504231161	1.09E-29
RP11-221N13.3	FBLN1	-0.341920284	1.75E-13
RP11-221N13.3	EFEMP1	-0.52596439	1.34E-32
RP11-221N13.3	AOX1	-0.567572723	8.50E-39
RP11-221N13.3	GRIN2C	-0.54962718	5.12E-36
RP11-221N13.3	C11orf74	-0.544050545	3.46E-35
RP11-221N13.3	PPARGC1A	-0.583551503	2.03E-41
RP11-221N13.3	ANGPTL1	-0.467967224	2.84E-25
RP11-221N13.3	SCARA5	-0.355477003	1.60E-14
RP11-221N13.3	LTF	-0.554334916	9.92E-37
RP11-221N13.3	CA4	-0.445354618	8.93E-23
RP11-221N13.3	TG	-0.498144904	6.55E-29
RP11-221N13.3	FCGBP	-0.609116762	6.26E-46
RP11-221N13.3	PBX4	-0.595163475	2.04E-43
RP11-221N13.3	CYR61	-0.473138628	7.16E-26
RP11-221N13.3	FOS	-0.464626236	6.82E-25
RP11-221N13.3	KHDRBS2	-0.581754277	4.07E-41
RP11-221N13.3	MUM1L1	-0.49489682	1.68E-28
RP11-221N13.3	RGS16	-0.562392717	5.62E-38
RP11-221N13.3	MT1M	-0.567209811	9.72E-39
RP11-221N13.3	LRP2	-0.558242404	2.49E-37
RP11-221N13.3	MAFB	-0.57220491	1.53E-39
RP11-221N13.3	KCNK2	-0.60058735	2.22E-44
RP11-221N13.3	TBC1D4	-0.484716559	3.01E-27
RP11-221N13.3	MIOX	-0.533033389	1.36E-33
RP11-221N13.3	TPPP	-0.562808018	4.83E-38
RP11-221N13.3	FMOD	-0.639002824	9.44E-52
RP11-221N13.3	CITED2	-0.561971034	6.54E-38
RP11-221N13.3	RGS8	-0.607970539	1.02E-45
RP11-221N13.3	ABI3BP	-0.334764996	5.89E-13
RP11-221N13.3	ADH1B	-0.411700303	2.18E-19
RP11-221N13.3	OGN	-0.316857901	1.08E-11
RP11-221N13.3	NR4A1	-0.382971103	8.75E-17
RP11-221N13.3	FOXJ1	-0.530722145	2.89E-33
RP11-221N13.3	ALDH1A1	-0.475712557	3.58E-26
RP11-221N13.3	OCA2	-0.557984077	2.73E-37
RP11-221N13.3	TMEM139	-0.464373481	7.28E-25
RP11-221N13.3	ARHGAP24	-0.49254047	3.30E-28
RP11-221N13.3	SLC25A15	-0.590096322	1.55E-42
RP11-221N13.3	DES	-0.367015648	1.91E-15
RP11-221N13.3	GDF10	-0.481890932	6.60E-27
RP11-221N13.3	KIAA1324	-0.467964387	2.84E-25
RP11-221N13.3	JUN	-0.447617197	5.12E-23
RP11-221N13.3	C7	-0.135759279	0.004377886
RP11-221N13.3	LGI3	-0.513276721	7.11E-31
RP11-221N13.3	CDON	-0.549264359	5.80E-36
RP11-221N13.3	BCL2	-0.59677461	1.06E-43
RP11-221N13.3	HLF	-0.45603938	6.22E-24
RP11-221N13.3	EGR1	-0.388018116	3.18E-17
RP11-221N13.3	IP6K3	-0.574517007	6.42E-40

RP11-221N13.3	SCUBE3	-0.572494117	1.37E-39
RP11-221N13.3	PKNOX2	-0.545084826	2.44E-35
RP11-221N13.3	SMAD9	-0.545044686	2.47E-35
RP11-221N13.3	IQGAP2	-0.657830081	9.19E-56
RP11-221N13.3	GNA14	-0.667167117	7.33E-58
RP11-221N13.3	LAYN	-0.5927172	5.45E-43
RP11-221N13.3	AVPR1A	-0.511936355	1.07E-30
RP11-221N13.3	PDLIM3	-0.535301568	6.47E-34
RP11-221N13.3	GPM6A	-0.468711163	2.33E-25
RP11-221N13.3	SDPR	-0.335059593	5.61E-13
RP11-221N13.3	CRYAB	-0.406997848	6.05E-19
RP11-221N13.3	FOXA2	-0.506273779	5.93E-30
RP11-221N13.3	C8orf88	-0.438460578	4.74E-22
RP11-221N13.3	ISM1	-0.462297544	1.25E-24
RP11-221N13.3	BMP2	-0.446008048	7.60E-23
RP11-221N13.3	ID4	-0.58165414	4.23E-41
RP11-221N13.3	NUPR1	-0.38939536	2.41E-17
RP11-221N13.3	SERTM1	-0.573032886	1.12E-39
RP11-221N13.3	IRS1	-0.456975367	4.90E-24
RP11-221N13.3	FIBIN	-0.347978458	6.09E-14
RP11-221N13.3	PODN	-0.295875359	2.55E-10
RP11-221N13.3	TDRD9	-0.467509939	3.20E-25
RP11-221N13.3	EPHA3	-0.341790361	1.79E-13
RP11-221N13.3	AIF1L	-0.569357943	4.40E-39
RP11-221N13.3	EBF4	-0.633903048	1.03E-50
RP11-221N13.3	ADM2	-0.549232729	5.87E-36
RP11-221N13.3	GSTM3	-0.59168533	8.24E-43
RP11-221N13.3	HSD17B6	-0.408785855	4.11E-19
RP11-221N13.3	AGR3	-0.445472955	8.67E-23
RP11-221N13.3	EPHB1	-0.443071439	1.56E-22
RP11-221N13.3	TMOD1	-0.391202515	1.67E-17
RP11-221N13.3	WASF3	-0.492266865	3.57E-28
RP11-221N13.3	SELV	-0.626484864	3.09E-49
RP11-221N13.3	ENPP1	-0.227224902	1.51E-06
RP11-221N13.3	SYNE1	-0.565836487	1.61E-38
RP11-221N13.3	PLCH1	-0.504979072	8.73E-30
RP11-221N13.3	CCDC146	-0.575697381	4.11E-40
RP11-221N13.3	SLC16A2	-0.525650787	1.48E-32
RP11-221N13.3	IER2	-0.483524696	4.20E-27
RP11-221N13.3	KCNAB1	-0.428384426	5.08E-21
RP11-221N13.3	SYNDIG1	-0.59954158	3.42E-44
RP11-221N13.3	C16orf89	-0.423050334	1.73E-20
RP11-221N13.3	CTGF	-0.375955242	3.47E-16
RP11-221N13.3	NR4A3	-0.283757877	1.42E-09
RP11-221N13.3	KIAA1456	-0.449618953	3.12E-23
RP11-221N13.3	AQP4	-0.350789398	3.71E-14
RP11-221N13.3	RNF150	-0.652485352	1.35E-54
RP11-221N13.3	C1S	-0.213083538	6.68E-06
RP11-221N13.3	PFKFB2	-0.3990399	3.29E-18
RP11-221N13.3	PROX1	-0.495598917	1.37E-28
RP11-221N13.3	TCF7L1	-0.647631097	1.48E-53

RP11-221N13.3	HSPB6	-0.374546226	4.56E-16
RP11-221N13.3	FHDC1	-0.337577497	3.67E-13
RP11-221N13.3	PRR15L	-0.415944831	8.54E-20
RP11-221N13.3	SLC1A1	-0.398512264	3.67E-18
RP11-221N13.3	BTBD11	-0.535744244	5.59E-34
RP11-221N13.3	TRIM58	-0.459061091	2.88E-24
RP11-221N13.3	LRIG1	-0.514833816	4.40E-31
RP11-221N13.3	ROR2	-0.577868491	1.81E-40
RP11-221N13.3	GPR125	-0.582064902	3.61E-41
RP11-221N13.3	FLRT1	-0.615038771	4.93E-47
RP11-221N13.3	PGF	-0.652067214	1.67E-54
RP11-221N13.3	DUSP1	-0.447153246	5.74E-23
RP11-221N13.3	PLA2G7	-0.603606224	6.36E-45
RP11-221N13.3	PLSCR4	-0.362986308	4.06E-15
RP11-221N13.3	FAM46B	-0.563499903	3.76E-38
RP11-221N13.3	GLDC	-0.560719883	1.03E-37
RP11-221N13.3	ZBTB16	-0.370151525	1.06E-15
RP11-221N13.3	OMD	-0.244144381	2.23E-07
RP11-221N13.3	HSD11B2	-0.464387807	7.26E-25
RP11-221N13.3	FGL2	-0.234379623	6.83E-07
RP11-221N13.3	CLCNKA	-0.56981922	3.71E-39
RP11-221N13.3	GATM	-0.342127509	1.69E-13
RP11-221N13.3	TNS3	-0.597583227	7.62E-44
RP11-221N13.3	TOB1	-0.549224644	5.88E-36
RP11-221N13.3	MARC2	-0.556347877	4.88E-37
RP11-221N13.3	LRRC2	-0.458835427	3.05E-24
RP11-221N13.3	SORD	-0.434511532	1.21E-21
RP11-221N13.3	RIMS4	-0.484821518	2.93E-27
RP11-221N13.3	SLC29A4	-0.622072079	2.24E-48
RP11-221N13.3	SLC39A14	-0.526091193	1.29E-32
RP11-221N13.3	FAXDC2	-0.557297055	3.48E-37
RP11-221N13.3	HSPB8	-0.5668277	1.12E-38
RP11-221N13.3	CCL19	-0.083721011	0.079734953
RP11-221N13.3	KCNIP3	-0.540089727	1.32E-34
RP11-221N13.3	CGNL1	-0.395243613	7.26E-18
RP11-221N13.3	ATF3	-0.268261112	1.13E-08
RP11-221N13.3	SGCD	-0.527698782	7.69E-33
RP11-221N13.3	STARD13	-0.596762979	1.06E-43
RP11-221N13.3	LDHD	-0.461474602	1.55E-24
RP11-221N13.3	RCAN1	-0.53229858	1.73E-33
RP11-221N13.3	ID3	-0.616817984	2.27E-47
RP11-221N13.3	SYTL3	-0.514416955	5.01E-31
RP11-221N13.3	MT1E	-0.395350559	7.10E-18
RP11-221N13.3	CAMK1D	-0.45753208	4.25E-24
RP11-221N13.3	PRKCQ	-0.514883601	4.34E-31
RP11-221N13.3	NUAK2	-0.59154945	8.70E-43
RP11-221N13.3	LIPG	-0.401485467	1.96E-18
RP11-221N13.3	SLC25A25	-0.45062132	2.43E-23
RP11-221N13.3	PRKX	-0.421049145	2.72E-20
RP11-221N13.3	SRPX	-0.249355702	1.20E-07
RP11-221N13.3	FAM189A1	-0.512516329	8.97E-31

RP11-221N13.3	PLEKHH1	-0.391623914	1.53E-17
RP11-221N13.3	WNT11	-0.595368856	1.87E-43
RP11-221N13.3	SNAI1	-0.591624056	8.44E-43
RP11-221N13.3	FDCSP	-0.109746443	0.021457391
RP11-221N13.3	MT1X	-0.314302917	1.60E-11
RP11-221N13.3	ACACB	-0.583856029	1.80E-41
RP11-221N13.3	ARC	-0.165085081	0.000514844
RP11-221N13.3	KLK4	-0.45073859	2.36E-23
RP11-221N13.3	ZFPM2	-0.385048884	5.78E-17
RP11-221N13.3	AKAP12	-0.433027342	1.72E-21
RP11-221N13.3	GJB6	-0.548886439	6.61E-36
RP11-221N13.3	ERO1LB	-0.588471996	2.95E-42
RP11-221N13.3	DNALI1	-0.484028929	3.65E-27
RP11-221N13.3	HKDC1	-0.452359542	1.57E-23
RP11-221N13.3	ZFP36L2	-0.583038476	2.48E-41
RP11-221N13.3	CAPSL	-0.484051586	3.63E-27
RP11-221N13.3	CYP7B1	-0.48863128	1.00E-27
RP11-221N13.3	CPQ	-0.48554021	2.39E-27
RP11-221N13.3	RPS6KA6	-0.586064818	7.61E-42
RP11-221N13.3	TLE1	-0.607150182	1.44E-45
RP11-221N13.3	TP53INP2	-0.601847295	1.32E-44
RP11-221N13.3	KATNAL2	-0.591347331	9.43E-43
RP11-221N13.3	SGPP2	-0.318586984	8.20E-12
RP11-221N13.3	CTH	-0.560630809	1.06E-37
RP11-221N13.3	KIF12	-0.457535342	4.25E-24
RP11-221N13.3	TMEM220	-0.387097589	3.83E-17
RP11-221N13.3	CENPJ	-0.53293146	1.41E-33
RP11-221N13.3	FAM155B	-0.223232454	2.32E-06
RP11-221N13.3	WFS1	-0.690522119	1.85E-63
RP11-221N13.3	SELENBP1	-0.346948432	7.30E-14
RP11-221N13.3	SNTA1	-0.472703612	8.05E-26
RP11-221N13.3	FRAS1	-0.444894054	9.99E-23
RP11-221N13.3	FBLN7	-0.600614583	2.20E-44
RP11-221N13.3	AGPAT9	-0.437075817	6.60E-22
RP11-221N13.3	GPR83	-0.419133485	4.19E-20
RP11-221N13.3	PRTG	-0.471238144	1.19E-25
RP11-221N13.3	EGR3	-0.192086305	5.10E-05
RP11-221N13.3	GRAMD2	-0.58397191	1.72E-41
RP11-221N13.3	HYOU1	-0.623501378	1.18E-48
RP11-221N13.3	FBLN5	-0.428371093	5.10E-21
RP11-221N13.3	ITM2A	-0.487354599	1.44E-27
RP11-221N13.3	SRF	-0.492644721	3.21E-28
RP11-221N13.3	FGFR2	-0.469950399	1.68E-25
RP11-221N13.3	MT1A	-0.348366822	5.69E-14
RP11-221N13.3	MAMDC2	-0.304053439	7.66E-11
RP11-221N13.3	FHL2	-0.502962281	1.59E-29
RP11-221N13.3	FTCDNL1	-0.482634664	5.37E-27
RP11-221N13.3	PKIA	-0.35753747	1.10E-14
RP11-221N13.3	DNAJB4	-0.369987419	1.09E-15
RP11-221N13.3	SLC25A33	-0.545711323	1.97E-35
RP11-221N13.3	EYA2	-0.442672308	1.72E-22

RP11-221N13.3	LPAR1	-0.498191853	6.46E-29
RP11-221N13.3	STX11	-0.272484614	6.51E-09
RP11-221N13.3	ARHGEF28	-0.387736142	3.37E-17
RP11-221N13.3	OR2W3	-0.514955087	4.24E-31
RP11-221N13.3	ALDH1B1	-0.596689316	1.10E-43
RP11-221N13.3	CXCL12	-0.270980709	7.94E-09
RP11-221N13.3	OLFM2	-0.491500232	4.45E-28
RP11-221N13.3	TUB	-0.465242521	5.80E-25
RP11-221N13.3	HTRA3	-0.427280503	6.56E-21
RP11-221N13.3	CKB	-0.530870274	2.76E-33
RP11-221N13.3	RGS2	-0.250368849	1.06E-07
RP11-221N13.3	SHANK2	-0.528548957	5.85E-33
RP11-221N13.3	CNTFR	-0.437365967	6.16E-22
RP11-221N13.3	CYTH3	-0.515539459	3.54E-31
RP11-221N13.3	PLAC9	-0.350991659	3.58E-14
RP11-221N13.3	WVOX	-0.539574714	1.56E-34
RP11-221N13.3	NPR3	-0.516614589	2.54E-31
RP11-221N13.3	SDC2	-0.433780217	1.44E-21
RP11-221N13.3	KLF15	-0.426706202	7.49E-21
RP11-221N13.3	TMEM164	-0.643902467	9.08E-53
RP11-221N13.3	LONRF3	-0.113380121	0.017479087
RP11-221N13.3	GBP1	-0.20666382	1.27E-05
RP11-221N13.3	ARHGAP6	-0.48967705	7.47E-28
RP11-221N13.3	TMEM119	-0.279818334	2.44E-09
RP11-221N13.3	SH3RF1	-0.458735857	3.13E-24
RP11-221N13.3	CRELD2	-0.56544308	1.86E-38
RP11-221N13.3	PCP4	-0.241374067	3.07E-07
RP11-221N13.3	GCSH	-0.487927339	1.22E-27
RP11-221N13.3	IMPA2	-0.550147866	4.28E-36
RP11-221N13.3	C1R	-0.202860725	1.84E-05
RP11-221N13.3	SUCNR1	-0.310177567	3.03E-11
RP11-221N13.3	SFRP1	-0.394258267	8.90E-18
RP11-221N13.3	UGT8	-0.51536131	3.74E-31
RP11-221N13.3	TLE4	-0.337922162	3.46E-13
RP11-221N13.3	ANTXR1	-0.426699252	7.50E-21
RP11-221N13.3	GPX3	-0.500527778	3.26E-29
RP11-221N13.3	DPY19L2	-0.470791213	1.34E-25
RP11-221N13.3	FAM46C	-0.401117823	2.12E-18
RP11-221N13.3	IL33	-0.324690699	3.09E-12
RP11-221N13.3	PEG3	-0.491675402	4.23E-28
RP11-221N13.3	FAHD2A	-0.56546237	1.84E-38
RP11-221N13.3	PTGDS	-0.186512933	8.45E-05
RP11-221N13.3	CHCHD10	-0.426048074	8.71E-21
RP11-221N13.3	CD36	-0.484379268	3.31E-27
RP11-221N13.3	ANKRD37	-0.528104012	6.75E-33
RP11-221N13.3	TSPAN33	-0.559512844	1.58E-37
RP11-221N13.3	PRDM16	-0.489169129	8.62E-28
RP11-221N13.3	UST	-0.322792189	4.20E-12
RP11-221N13.3	NEXN	-0.504420799	1.03E-29
RP11-221N13.3	NUPR1L	-0.178675256	0.000167676
RP11-221N13.3	SLC24A3	-0.603853448	5.74E-45

RP11-221N13.3	MARC1	-0.507320245	4.33E-30
RP11-221N13.3	MYH11	-0.343331712	1.37E-13
RP11-221N13.3	APOA1	-0.500503825	3.28E-29
RP11-221N13.3	TMEM178B	-0.507874406	3.67E-30
RP11-221N13.3	CAPN6	-0.374497415	4.60E-16
RP11-221N13.3	PPM1L	-0.516129078	2.95E-31
RP11-221N13.3	FZD8	-0.601638368	1.44E-44
RP11-221N13.3	RCAN2	-0.534501036	8.42E-34
RP11-221N13.3	COPZ2	-0.588335832	3.12E-42
RP11-221N13.3	GAS1	-0.351613333	3.20E-14
RP11-221N13.3	DACT1	-0.530543905	3.07E-33
RP11-221N13.3	WBSCR17	-0.474239856	5.33E-26
RP11-221N13.3	NCS1	-0.542539264	5.78E-35
RP11-221N13.3	SPIRE2	-0.555819531	5.88E-37
RP11-221N13.3	C15orf52	-0.435051367	1.07E-21
RP11-221N13.3	SPAG5	-0.555369055	6.89E-37
RP11-221N13.3	ARL4D	-0.507556405	4.03E-30
RP11-221N13.3	FAM189A2	-0.353138231	2.44E-14
RP11-221N13.3	MAP1LC3A	-0.545593598	2.05E-35
RP11-221N13.3	KLF6	-0.179484874	0.00015642
RP11-221N13.3	ADD3	-0.289019774	6.81E-10
RP11-221N13.3	TSPAN7	-0.428839441	4.58E-21
RP11-221N13.3	KLF9	-0.311108164	2.63E-11
RP11-221N13.3	KCNQ1	-0.437369704	6.15E-22
RP11-221N13.3	MAN1A1	-0.265779235	1.56E-08
RP11-221N13.3	MLF1	-0.292238214	4.31E-10
RP11-221N13.3	RARB	-0.559924315	1.36E-37
RP11-221N13.3	CDC42EP2	-0.424520057	1.24E-20
RP11-221N13.3	FAM3B	-0.241665686	2.97E-07
RP11-221N13.3	GADD45B	-0.350120066	4.18E-14
RP11-221N13.3	TMEM47	-0.410766619	2.67E-19
RP11-221N13.3	SDF2L1	-0.460212246	2.14E-24
RP11-221N13.3	CCDC85A	-0.414580352	1.16E-19
RP11-221N13.3	CRYBG3	-0.276807686	3.66E-09
RP11-221N13.3	FBLN2	-0.21878811	3.71E-06
RP11-221N13.3	PEBP4	-0.041260172	0.388467932
RP11-221N13.3	CDADC1	-0.484081267	3.60E-27
RP11-221N13.3	FAM63A	-0.431861861	2.26E-21
RP11-221N13.3	GLUL	-0.388229737	3.05E-17
RP11-221N13.3	FREM2	-0.344372659	1.14E-13
RP11-221N13.3	ACKR3	-0.580226685	7.33E-41
RP11-221N13.3	DENND6A	-0.641689798	2.63E-52
RP11-221N13.3	CLDN8	-0.317413702	9.87E-12
RP11-221N13.3	UTS2R	-0.357223475	1.17E-14
RP11-221N13.3	SCNN1B	-0.408892233	4.02E-19
RP11-221N13.3	TTC30A	-0.577935296	1.76E-40
RP11-221N13.3	CORO2B	-0.49285308	3.02E-28
RP11-221N13.3	TC2N	-0.493767792	2.32E-28
RP11-221N13.3	ALDH2	-0.509739855	2.09E-30
RP11-221N13.3	GPR183	-0.126974417	0.007730636
RP11-221N13.3	C4orf47	-0.410615703	2.76E-19

RP11-221N13.3	SLC25A42	-0.505186439	8.21E-30
RP11-221N13.3	LGMN	-0.56009296	1.28E-37
RP11-221N13.3	ACSF2	-0.60754747	1.22E-45
RP11-221N13.3	KIAA1467	-0.612832627	1.28E-46
RP11-221N13.3	PRKG1	-0.473534923	6.44E-26
RP11-221N13.3	GNAI1	-0.488800634	9.57E-28
RP11-221N13.3	ABCC4	-0.439731728	3.49E-22
RP11-221N13.3	PRPS1	-0.571078719	2.33E-39
RP11-221N13.3	TSPAN5	-0.542251192	6.37E-35
RP11-221N13.3	CR2	-0.166621491	0.000455424
RP11-221N13.3	CCDC170	-0.486356628	1.90E-27
RP11-221N13.3	RRAD	-0.202220753	1.96E-05
RP11-221N13.3	SCGB2A1	-0.414811689	1.10E-19
RP11-221N13.3	SESN3	-0.274225105	5.17E-09
RP11-221N13.3	SGK223	-0.493843675	2.27E-28
RP11-221N13.3	NDRG2	-0.546026629	1.77E-35
RP11-221N13.3	C3orf52	-0.426793999	7.34E-21
RP11-221N13.3	FLRT3	0.369956498	1.10E-15
RP11-221N13.3	MST1R	0.580508375	6.57E-41
RP11-221N13.3	SDC1	0.143107608	0.002652565
RP11-221N13.3	ST8SIA4	0.390508219	1.92E-17
RP11-221N13.3	UBTD1	0.443825874	1.30E-22
RP11-221N13.3	EPHA2	0.280146547	2.33E-09
RP11-221N13.3	TMEM130	0.327146182	2.08E-12
RP11-221N13.3	SPINK2	0.521257647	5.96E-32
RP11-221N13.3	MMP16	0.490023559	6.77E-28
RP11-221N13.3	SIGLEC15	0.512790501	8.25E-31
RP11-221N13.3	RIN1	0.549226913	5.88E-36
RP11-221N13.3	IL1RN	0.337874363	3.49E-13
RP11-221N13.3	FCER1G	0.293376745	3.66E-10
RP11-221N13.3	CD276	0.511751966	1.13E-30
RP11-221N13.3	CTSB	0.571939957	1.69E-39
RP11-221N13.3	FAM171A2	0.392046875	1.40E-17
RP11-221N13.3	ASPHD1	0.537339635	3.29E-34
RP11-221N13.3	C15orf48	0.338022725	3.40E-13
RP11-221N13.3	DYSF	0.24577586	1.84E-07
RP11-221N13.3	PDZRN4	0.320755541	5.81E-12
RP11-221N13.3	EFHD2	0.334562026	6.10E-13
RP11-221N13.3	ASF1B	0.368773997	1.37E-15
RP11-221N13.3	AQP1	0.251097044	9.73E-08
RP11-221N13.3	ARRDC2	0.474323824	5.21E-26
RP11-221N13.3	PRSS1	0.532471432	1.64E-33
RP11-221N13.3	MAPK13	0.654298747	5.47E-55
RP11-221N13.3	CST5	0.33898317	2.89E-13
RP11-221N13.3	AHR	0.354473775	1.92E-14
RP11-221N13.3	BAX	0.312064434	2.27E-11
RP11-221N13.3	C1orf115	0.483343995	4.41E-27
RP11-221N13.3	PLK3	0.372023074	7.40E-16
RP11-221N13.3	JAG2	0.244471378	2.14E-07
RP11-221N13.3	RAD23B	0.670171666	1.49E-58
RP11-221N13.3	CA12	0.083087127	0.08205007

RP11-221N13.3	ADTRP	0.412724121	1.74E-19
RP11-221N13.3	UCP2	0.303215178	8.68E-11
RP11-221N13.3	IGFBP2	0.205431109	1.44E-05
RP11-221N13.3	LOXL2	0.188975662	6.77E-05
RP11-221N13.3	GPX1	0.374052914	5.01E-16
RP11-221N13.3	P3H3	0.425082443	1.09E-20
RP11-221N13.3	C2orf81	0.503043412	1.55E-29
RP11-221N13.3	CDT1	0.430735812	2.94E-21
RP11-221N13.3	SNX25	0.482262908	5.96E-27
RP11-221N13.3	MTHFD1L	0.434303314	1.27E-21
RP11-221N13.3	CDC42BPG	0.536317926	4.62E-34
RP11-221N13.3	MSN	0.599715615	3.18E-44
RP11-221N13.3	SIGLEC6	0.425175314	1.06E-20
RP11-221N13.3	F2R	0.021420193	0.654460203
RP11-221N13.3	TMEM184A	0.505030701	8.60E-30
RP11-221N13.3	CKS2	0.251037188	9.80E-08
RP11-221N13.3	TAX1BP3	0.409058751	3.88E-19
RP11-221N13.3	PMEPA1	0.395592534	6.75E-18
RP11-221N13.3	CXCL16	0.397903071	4.17E-18
RP11-221N13.3	FAXC	0.543070872	4.83E-35
RP11-221N13.3	VTCN1	0.34225948	1.65E-13
RP11-221N13.3	SH2D4A	0.565150043	2.06E-38
RP11-221N13.3	RNF24	0.460477624	2.00E-24
RP11-221N13.3	LY6G6C	0.429140077	4.27E-21
RP11-221N13.3	NID1	0.227121219	1.52E-06
RP11-221N13.3	STAC	0.511987274	1.05E-30
RP11-221N13.3	RAB34	0.591098122	1.04E-42
RP11-221N13.3	HES4	0.278758097	2.81E-09
RP11-221N13.3	EPHA10	0.607609878	1.19E-45
RP11-221N13.3	ENTPD2	0.575171021	5.02E-40
RP11-221N13.3	DDB2	0.482696222	5.28E-27
RP11-221N13.3	NKAIN4	0.261869904	2.57E-08
RP11-221N13.3	TRIM29	0.218180761	3.95E-06
RP11-221N13.3	ADCY8	0.74332829	2.51E-78
RP11-221N13.3	SFTA2	0.345443817	9.50E-14
RP11-221N13.3	NRIP1	0.482475806	5.62E-27
RP11-221N13.3	VWA1	0.19812065	2.91E-05
RP11-221N13.3	APLNR	0.153500484	0.001254621
RP11-221N13.3	REN	0.661655631	1.30E-56
RP11-221N13.3	EDIL3	0.255289342	5.84E-08
RP11-221N13.3	AGRN	0.374935996	4.23E-16
RP11-221N13.3	TREM1	0.49019263	6.45E-28
RP11-221N13.3	SRL	0.320849438	5.73E-12
RP11-221N13.3	RASGRF1	0.521601036	5.35E-32
RP11-221N13.3	RMI2	0.451446816	1.98E-23
RP11-221N13.3	SAMD1	0.402684137	1.52E-18
RP11-221N13.3	MGAT4B	0.613740105	8.64E-47
RP11-221N13.3	NXN	0.397927325	4.15E-18
RP11-221N13.3	SH3BGRL3	0.443297812	1.47E-22
RP11-221N13.3	CA11	0.608629266	7.70E-46
RP11-221N13.3	PLD3	0.468664498	2.36E-25

RP11-221N13.3	LURAP1L	0.455682091	6.81E-24
RP11-221N13.3	CARNS1	0.381723641	1.12E-16
RP11-221N13.3	PDLIM7	0.478297125	1.77E-26
RP11-221N13.3	BCL2L1	0.464729494	6.64E-25
RP11-221N13.3	GGT6	0.301231577	1.17E-10
RP11-221N13.3	DPYSL3	0.311528004	2.46E-11
RP11-221N13.3	FYN	0.511848415	1.10E-30
RP11-221N13.3	TK1	0.308640471	3.83E-11
RP11-221N13.3	AK1	0.487663947	1.32E-27
RP11-221N13.3	HIGD1B	0.230014567	1.11E-06
RP11-221N13.3	TMEM59L	0.224587713	2.00E-06
RP11-221N13.3	MEGF9	0.453922593	1.06E-23
RP11-221N13.3	ZFP36L1	0.379865992	1.62E-16
RP11-221N13.3	ADRA1B	0.462249036	1.27E-24
RP11-221N13.3	EPHA4	0.501037827	2.81E-29
RP11-221N13.3	TCERG1L	0.244868382	2.04E-07
RP11-221N13.3	NGFR	0.404510298	1.03E-18
RP11-221N13.3	EBI3	0.426204805	8.41E-21
RP11-221N13.3	S100A10	0.30445257	7.21E-11
RP11-221N13.3	S100B	0.430334127	3.23E-21
RP11-221N13.3	CD44	0.500530189	3.26E-29
RP11-221N13.3	BHLHE41	0.497086937	8.91E-29
RP11-221N13.3	FBXO2	0.504416685	1.03E-29
RP11-221N13.3	SLC30A2	0.190533466	5.88E-05
RP11-221N13.3	FRMD5	0.542574156	5.71E-35
RP11-221N13.3	SAMD11	0.274516582	4.97E-09
RP11-221N13.3	SIPA1L2	0.476923993	2.58E-26
RP11-221N13.3	S100A16	0.443833534	1.29E-22
RP11-221N13.3	PPL	0.452144374	1.66E-23
RP11-221N13.3	ARHGD1B	0.195246025	3.81E-05
RP11-221N13.3	CDC42EP3	0.430984169	2.78E-21
RP11-221N13.3	RUNX2	0.596591923	1.14E-43
RP11-221N13.3	LAMC2	0.389151683	2.53E-17
RP11-221N13.3	BRINP1	0.520201807	8.31E-32
RP11-221N13.3	GPRC5B	0.554615471	8.98E-37
RP11-221N13.3	AQP5	0.252960934	7.76E-08
RP11-221N13.3	PLAG1	0.619407374	7.29E-48
RP11-221N13.3	PTPRU	0.333069042	7.82E-13
RP11-221N13.3	ANGPTL4	0.381805481	1.10E-16
RP11-221N13.3	PALM3	0.356436242	1.35E-14
RP11-221N13.3	ACP5	0.299733912	1.45E-10
RP11-221N13.3	DLG4	0.567001593	1.05E-38
RP11-221N13.3	ETNK2	0.606706088	1.74E-45
RP11-221N13.3	CD109	0.444335072	1.15E-22
RP11-221N13.3	SNX22	0.437816919	5.53E-22
RP11-221N13.3	TMEM98	0.487337153	1.45E-27
RP11-221N13.3	CTHRC1	0.224777918	1.96E-06
RP11-221N13.3	S100A2	0.350697771	3.77E-14
RP11-221N13.3	C11orf80	0.611894938	1.91E-46
RP11-221N13.3	SREBF1	0.463382036	9.43E-25
RP11-221N13.3	PRSS22	0.518304727	1.50E-31

RP11-221N13.3	CMTM3	0.440506871	2.90E-22
RP11-221N13.3	RDH5	0.669641335	1.98E-58
RP11-221N13.3	MYH10	0.549411586	5.52E-36
RP11-221N13.3	EVPL	0.404975384	9.35E-19
RP11-221N13.3	SCD	0.315664843	1.30E-11
RP11-221N13.3	CD151	0.510566628	1.62E-30
RP11-221N13.3	S100A4	0.366261058	2.20E-15
RP11-221N13.3	BNIP1	0.53148202	2.26E-33
RP11-221N13.3	MAP3K6	0.574012632	7.76E-40
RP11-221N13.3	MANEAL	0.540336808	1.21E-34
RP11-221N13.3	CD207	0.474557484	4.89E-26
RP11-221N13.3	CD1A	0.479072118	1.43E-26
RP11-221N13.3	C3	0.263643159	2.05E-08
RP11-221N13.3	NT5E	0.420013304	3.44E-20
RP11-221N13.3	CACNG4	0.375544462	3.76E-16
RP11-221N13.3	FHOD1	0.531604142	2.17E-33
RP11-221N13.3	LEMD1	0.514038248	5.63E-31
RP11-221N13.3	ATP11A	0.438446962	4.76E-22
RP11-221N13.3	PPAP2C	0.397145516	4.89E-18
RP11-221N13.3	DRAM1	0.399591082	2.93E-18
RP11-221N13.3	CDA	0.193777153	4.36E-05
RP11-221N13.3	CCND2	0.523126359	3.31E-32
RP11-221N13.3	LCN6	0.362836895	4.17E-15
RP11-221N13.3	CDH4	0.476048855	3.27E-26
RP11-221N13.3	MMP11	0.404709013	9.89E-19
RP11-221N13.3	B3GAT1	0.317191159	1.02E-11
RP11-221N13.3	SPP1	0.231339615	9.59E-07
RP11-221N13.3	HLA-DQB1	0.308028441	4.21E-11
RP11-221N13.3	SDC3	0.484134882	3.54E-27
RP11-221N13.3	CX3CL1	0.273024307	6.06E-09
RP11-221N13.3	SDK1	0.350532104	3.88E-14
RP11-221N13.3	DOCK9	0.561243548	8.50E-38
RP11-221N13.3	CSF2	0.586629739	6.10E-42
RP11-221N13.3	GRHL3	0.514824313	4.42E-31
RP11-221N13.3	TMEM92	0.58175565	4.07E-41
RP11-221N13.3	BASP1	0.464977568	6.22E-25
RP11-221N13.3	HRH1	0.399817739	2.79E-18
RP11-221N13.3	ESM1	-0.007744057	0.871466644
RP11-221N13.3	B4GALNT3	0.538560574	2.19E-34
RP11-221N13.3	LMO3	0.472428588	8.66E-26
RP11-221N13.3	C9orf16	0.444204723	1.18E-22
RP11-221N13.3	SEMA3F	0.306048387	5.68E-11
RP11-221N13.3	PLA2G12B	0.584506014	1.40E-41
RP11-221N13.3	KLK6	0.422961631	1.76E-20
RP11-221N13.3	ST3GAL5	0.617636104	1.59E-47
RP11-221N13.3	FAM132B	0.314808994	1.48E-11
RP11-221N13.3	CDKN1A	0.161872173	0.000663079
RP11-221N13.3	E2F1	0.442543236	1.77E-22
RP11-221N13.3	B3GNT8	0.473445139	6.60E-26
RP11-221N13.3	MTMR11	0.5694534	4.25E-39
RP11-221N13.3	MYO1G	0.287862945	8.01E-10

RP11-221N13.3	TMSB10	0.418777472	4.54E-20
RP11-221N13.3	UNC5CL	0.622798288	1.62E-48
RP11-221N13.3	ABR	0.532437723	1.65E-33
RP11-221N13.3	PLP2	0.56905512	4.92E-39
RP11-221N13.3	SRCIN1	0.619574458	6.77E-48
RP11-221N13.3	PDE9A	0.542415582	6.02E-35
RP11-221N13.3	TREM2	0.274944648	4.70E-09
RP11-221N13.3	KDELR3	0.358831597	8.71E-15
RP11-221N13.3	PC	0.597589751	7.60E-44
RP11-221N13.3	C2CD4A	0.521960311	4.78E-32
RP11-221N13.3	PELI1	0.37940275	1.77E-16
RP11-221N13.3	SSX1	0.207596262	1.16E-05
RP11-221N13.3	MROH6	0.51365018	6.34E-31
RP11-221N13.3	ESPN	0.547071689	1.23E-35
RP11-221N13.3	BMP1	0.544204723	3.29E-35
RP11-221N13.3	TM4SF4	0.485521123	2.41E-27
RP11-221N13.3	CORO2A	0.587789757	3.86E-42
RP11-221N13.3	CD164L2	0.61053431	3.42E-46
RP11-221N13.3	CTSS	0.376835912	2.92E-16
RP11-221N13.3	CLU	0.436172878	8.18E-22
RP11-221N13.3	TMSB4X	0.39486519	7.85E-18
RP11-221N13.3	WNT10A	0.389348851	2.43E-17
RP11-221N13.3	NAPSA	0.383200739	8.36E-17
RP11-221N13.3	PLEKHA4	0.540794518	1.04E-34
RP11-221N13.3	SFTPA1	0.257720733	4.32E-08
RP11-221N13.3	C1orf116	0.456901328	4.99E-24
RP11-221N13.3	TM4SF1	0.314398941	1.58E-11
RP11-221N13.3	SEL1L3	0.350747556	3.74E-14
RP11-221N13.3	VASN	0.609390651	5.57E-46
RP11-221N13.3	NPTXR	0.643269303	1.23E-52
RP11-221N13.3	PDE4C	0.450021772	2.82E-23
RP11-221N13.3	CDC42EP1	0.516459134	2.67E-31
RP11-221N13.3	ENDOD1	0.642741099	1.59E-52
RP11-221N13.3	RYR1	0.542819677	5.25E-35
RP11-221N13.3	IL1RAP	0.563859745	3.30E-38
RP11-221N13.3	SLC35F2	0.592645522	5.61E-43
RP11-221N13.3	ISYNA1	0.523227064	3.20E-32
RP11-221N13.3	HLA-G	0.3681753	1.54E-15
RP11-221N13.3	CDKN2B	0.413476854	1.47E-19
RP11-221N13.3	ALDH1A3	0.264781407	1.77E-08
RP11-221N13.3	CLIP3	0.420514701	3.07E-20
RP11-221N13.3	ULBP2	0.443075269	1.56E-22
RP11-221N13.3	ETHE1	0.562173862	6.08E-38
RP11-221N13.3	XPR1	0.449236275	3.43E-23
RP11-221N13.3	SPTBN2	0.569324186	4.46E-39
RP11-221N13.3	IVL	0.503235927	1.47E-29
RP11-221N13.3	MARCO	0.320729869	5.84E-12
RP11-221N13.3	PLXND1	0.311221209	2.58E-11
RP11-221N13.3	EMILIN2	0.539503228	1.60E-34
RP11-221N13.3	PLAUR	0.383823548	7.39E-17
RP11-221N13.3	CDC42EP5	0.464619712	6.83E-25

RP11-221N13.3	TRPC5	0.559107251	1.83E-37
RP11-221N13.3	TMEM100	0.500199566	3.59E-29
RP11-221N13.3	QSOX1	0.494019128	2.16E-28
RP11-221N13.3	ARHGAP23	0.422616452	1.91E-20
RP11-221N13.3	MDF1	0.225827942	1.75E-06
RP11-221N13.3	FSTL3	0.432578284	1.91E-21
RP11-221N13.3	INF2	0.552121538	2.15E-36
RP11-221N13.3	TGFBR1	0.634758046	6.93E-51
RP11-221N13.3	TGFBI	0.332041995	9.28E-13
RP11-221N13.3	ERBB3	0.569061077	4.91E-39
RP11-221N13.3	CCL18	0.192465721	4.93E-05
RP11-221N13.3	CCL17	0.440718793	2.75E-22
RP11-221N13.3	C16orf45	0.490846218	5.36E-28
RP11-221N13.3	PRDM1	0.398389574	3.77E-18
RP11-221N13.3	TRIM47	0.477653749	2.11E-26
RP11-221N13.3	CNFN	0.438898857	4.27E-22
RP11-221N13.3	ARMCX3	0.609493483	5.34E-46
RP11-221N13.3	RAMP1	0.444929656	9.90E-23
RP11-221N13.3	GABRD	0.16630446	0.000467136
RP11-221N13.3	COL13A1	0.480443697	9.84E-27
RP11-221N13.3	S100A5	0.538926515	1.94E-34
RP11-221N13.3	MISP	0.284925344	1.21E-09
RP11-221N13.3	HES6	0.352376704	2.80E-14
RP11-221N13.3	PSD3	0.634816767	6.74E-51
RP11-221N13.3	DOK7	0.421308992	2.57E-20
RP11-221N13.3	ZMAT3	0.422709072	1.87E-20
RP11-221N13.3	MFAP2	0.423295146	1.64E-20
RP11-221N13.3	TMEM79	0.571952864	1.68E-39
RP11-221N13.3	SLC1A5	0.444487547	1.10E-22
RP11-221N13.3	BBC3	0.431587405	2.41E-21
RP11-221N13.3	HLA-DQB2	0.376270263	3.26E-16
RP11-221N13.3	C1QL1	0.463175378	9.95E-25
RP11-221N13.3	TMEM215	0.425617559	9.62E-21
RP11-221N13.3	PNP	0.418869383	4.45E-20
RP11-221N13.3	ARNTL	0.514144768	5.44E-31
RP11-221N13.3	CLDN2	0.593618458	3.79E-43
RP11-221N13.3	MVP	0.579627421	9.22E-41
RP11-221N13.3	LGALS1	0.447702867	5.01E-23
RP11-221N13.3	BIRC7	0.498379006	6.11E-29
RP11-221N13.3	COL8A1	0.688137543	7.28E-63
RP11-221N13.3	PERP	0.472040237	9.61E-26
RP11-221N13.3	GJA4	0.246757093	1.64E-07
RP11-221N13.3	IGFL2	0.462924104	1.06E-24
RP11-221N13.3	DAPK2	0.465334999	5.67E-25
RP11-221N13.3	MAMLD1	0.594876963	2.28E-43
RP11-221N13.3	ETV5	0.497965621	6.90E-29
RP11-221N13.3	RUNX1	0.450911095	2.26E-23
RP11-221N13.3	LONRF2	0.490999828	5.13E-28
RP11-221N13.3	SPOCK1	0.257197627	4.61E-08
RP11-221N13.3	XKRX	0.533583771	1.14E-33
RP11-221N13.3	TGFB1	0.312252369	2.20E-11

RP11-221N13.3	ERP27	0.296911483	2.20E-10
RP11-221N13.3	TNFRSF10C	0.438764678	4.41E-22
RP11-221N13.3	PALM	0.496657877	1.01E-28
RP11-221N13.3	TSC22D1	0.574322689	6.91E-40
RP11-221N13.3	TGM2	0.308326868	4.02E-11
RP11-221N13.3	UBE2QL1	0.512499592	9.02E-31
RP11-221N13.3	ECE1	0.567535612	8.62E-39
RP11-221N13.3	COL8A2	0.502269404	1.95E-29
RP11-221N13.3	HIST3H2A	0.436324502	7.89E-22
RP11-221N13.3	TNFRSF21	0.344747394	1.07E-13
RP11-221N13.3	SOX4	0.392063186	1.40E-17
RP11-221N13.3	ELF3	0.406521557	6.71E-19
RP11-221N13.3	TPD52L1	0.580668368	6.18E-41
RP11-221N13.3	INHBB	0.459915663	2.31E-24
RP11-221N13.3	HPN	0.56429079	2.82E-38
RP11-221N13.3	MMP7	0.277001136	3.57E-09
RP11-221N13.3	RAB27A	0.671055173	9.30E-59
RP11-221N13.3	IGF2BP2	0.676969807	3.79E-60
RP11-221N13.3	ITGB4	0.394911288	7.77E-18
RP11-221N13.3	PPP1R1B	0.574931457	5.49E-40
RP11-221N13.3	NPDC1	0.449610868	3.12E-23
RP11-221N13.3	CCL13	0.499689623	4.17E-29
RP11-221N13.3	SPINT1	0.62011486	5.34E-48
RP11-221N13.3	HEY2	0.568871723	5.27E-39
RP11-221N13.3	CST2	0.323833571	3.55E-12
RP11-221N13.3	ADM	0.551746093	2.45E-36
RP11-221N13.3	VSTM2L	0.285535813	1.11E-09
RP11-221N13.3	FAM84A	0.394979795	7.66E-18
RP11-221N13.3	P4HA2	0.634729111	7.03E-51
RP11-221N13.3	LPL	0.382220924	1.02E-16
RP11-221N13.3	TMEM173	0.457928091	3.84E-24
RP11-221N13.3	DHRS3	0.586600731	6.17E-42
RP11-221N13.3	SCN1B	0.641274639	3.20E-52
RP11-221N13.3	GLT1D1	0.499422153	4.51E-29
RP11-221N13.3	PHYHIP	0.567510223	8.70E-39
RP11-221N13.3	BHLHE40	0.434111692	1.33E-21
RP11-221N13.3	BID	0.593080588	4.71E-43
RP11-221N13.3	POSTN	0.275468596	4.38E-09
RP11-221N13.3	ITGA3	0.634585713	7.51E-51
RP11-221N13.3	RSP04	0.51212585	1.01E-30
RP11-221N13.3	ADAMTS9	0.484667057	3.05E-27
RP11-221N13.3	ABTB2	0.601374833	1.61E-44
RP11-221N13.3	KCNQ3	0.536696117	4.08E-34
RP11-221N13.3	ANXA1	0.616985778	2.11E-47
RP11-221N13.3	S100A11	0.496078754	1.19E-28
RP11-221N13.3	CEACAM6	0.383762914	7.48E-17
RP11-221N13.3	IER5L	0.538910771	1.95E-34
RP11-221N13.3	KRT80	0.414664745	1.13E-19
RP11-221N13.3	CDH6	0.413046377	1.62E-19
RP11-221N13.3	UNC5B	0.449885466	2.92E-23
RP11-221N13.3	PLEKHN1	0.576913923	2.59E-40

RP11-221N13.3	SYTL1	0.411605022	2.22E-19
RP11-221N13.3	TMEM163	0.376199061	3.31E-16
RP11-221N13.3	C4orf48	0.344186993	1.18E-13
RP11-221N13.3	B3GNT7	0.589221041	2.20E-42
RP11-221N13.3	BAIAP3	0.536818523	3.92E-34
RP11-221N13.3	PHLDA2	0.595787845	1.58E-43
RP11-221N13.3	GAP43	0.575094646	5.17E-40
RP11-221N13.3	S100A1	0.428246418	5.25E-21
RP11-221N13.3	PTPRE	0.63491506	6.44E-51
RP11-221N13.3	CCND1	0.483621004	4.09E-27
RP11-221N13.3	ST6GALNAC5	0.419921691	3.51E-20
RP11-221N13.3	KRT17	0.222862257	2.41E-06
RP11-221N13.3	HPCAL4	0.631427412	3.24E-50
RP11-221N13.3	GABBR2	0.552434006	1.93E-36
RP11-221N13.3	DIRAS3	0.642687343	1.63E-52
RP11-221N13.3	SERINC2	0.462551718	1.17E-24
RP11-221N13.3	PTCHD4	0.359173994	8.19E-15
RP11-221N13.3	EPS8	0.61601504	3.22E-47
RP11-221N13.3	LY6E	0.562701215	5.02E-38
RP11-221N13.3	UPP1	0.531240612	2.44E-33
RP11-221N13.3	AHNAK2	0.53333201	1.24E-33
RP11-221N13.3	PLXNC1	0.614858496	5.33E-47
RP11-221N13.3	TNC	0.419130648	4.19E-20
RP11-221N13.3	DUSP4	0.505683864	7.07E-30
RP11-221N13.3	NRCAM	0.551689075	2.50E-36
RP11-221N13.3	NRP2	0.579233395	1.07E-40
RP11-221N13.3	CTSC	0.634069566	9.55E-51
RP11-221N13.3	AMIGO2	0.499890501	3.93E-29
RP11-221N13.3	NAB2	0.618646556	1.02E-47
RP11-221N13.3	TBC1D2	0.525678162	1.47E-32
RP11-221N13.3	PHLDA3	0.426328346	8.17E-21
RP11-221N13.3	PTP4A3	0.455452313	7.21E-24
RP11-221N13.3	CRABP2	0.486323155	1.92E-27
RP11-221N13.3	GOS2	0.532953445	1.40E-33
RP11-221N13.3	S100A6	0.561989047	6.50E-38
RP11-221N13.3	FOXQ1	0.458131345	3.65E-24
RP11-221N13.3	LRG1	0.530748152	2.87E-33
RP11-221N13.3	LAMP5	0.362699938	4.28E-15
RP11-221N13.3	ALDH3B1	0.472731554	7.99E-26
RP11-221N13.3	CDH2	0.137124892	0.003995676
RP11-221N13.3	SCG5	0.461234045	1.64E-24
RP11-221N13.3	ZCCHC16	0.607979487	1.01E-45
RP11-221N13.3	GRB7	0.534792371	7.65E-34
RP11-221N13.3	TIAM1	0.441259462	2.42E-22
RP11-221N13.3	FXD5	0.464370077	7.29E-25
RP11-221N13.3	CLDN9	0.454622137	8.90E-24
RP11-221N13.3	FAM43A	0.610500815	3.47E-46
RP11-221N13.3	CHST2	0.465441236	5.51E-25
RP11-221N13.3	HMGA2	0.679245735	1.08E-60
RP11-221N13.3	GALNT7	0.771732307	6.14E-88
RP11-221N13.3	CBLN1	0.471589902	1.08E-25

RP11-221N13.3	STRA6	0.496893328	9.42E-29
RP11-221N13.3	MUC21	0.509025234	2.59E-30
RP11-221N13.3	PRR36	0.578085361	1.66E-40
RP11-221N13.3	NFE2L3	0.448106253	4.53E-23
RP11-221N13.3	NR1D1	0.360046863	6.98E-15
RP11-221N13.3	MUC1	0.422574185	1.93E-20
RP11-221N13.3	NAT8L	0.502652082	1.74E-29
RP11-221N13.3	APOC1	0.261653459	2.64E-08
RP11-221N13.3	EVA1A	0.498483613	5.93E-29
RP11-221N13.3	ENTPD1	0.352530031	2.72E-14
RP11-221N13.3	COL1A1	0.35369693	2.21E-14
RP11-221N13.3	FNDC4	0.40174276	1.86E-18
RP11-221N13.3	FRMD3	0.512979571	7.78E-31
RP11-221N13.3	SHROOM4	0.626133886	3.63E-49
RP11-221N13.3	NELL2	0.49431798	1.98E-28
RP11-221N13.3	EPHB3	0.512157196	1.00E-30
RP11-221N13.3	TMC6	0.618734779	9.80E-48
RP11-221N13.3	NOD1	0.623006222	1.48E-48
RP11-221N13.3	GGCT	0.713062546	2.15E-69
RP11-221N13.3	ICAM1	0.522195336	4.44E-32
RP11-221N13.3	PRSS23	0.542905064	5.10E-35
RP11-221N13.3	CFI	0.522706094	3.78E-32
RP11-221N13.3	CD55	0.444547828	1.09E-22
RP11-221N13.3	RASD2	0.475485759	3.80E-26
RP11-221N13.3	KLK11	0.419896943	3.53E-20
RP11-221N13.3	ICAM5	0.537174961	3.48E-34
RP11-221N13.3	ADORA1	0.675821631	7.09E-60
RP11-221N13.3	ITGA2	0.499689801	4.17E-29
RP11-221N13.3	ABCC3	0.525560011	1.52E-32
RP11-221N13.3	MFGE8	0.630289023	5.47E-50
RP11-221N13.3	STK32A	0.568423942	6.22E-39
RP11-221N13.3	CYSLTR2	0.429931875	3.55E-21
RP11-221N13.3	LAD1	0.599178192	3.97E-44
RP11-221N13.3	MGAT3	0.336562364	4.35E-13
RP11-221N13.3	IGFBP6	0.616580831	2.52E-47
RP11-221N13.3	CYP2S1	0.418680597	4.64E-20
RP11-221N13.3	KCNJ2	0.634607414	7.44E-51
RP11-221N13.3	FAM20A	0.544610946	2.86E-35
RP11-221N13.3	TGFA	0.713950309	1.22E-69
RP11-221N13.3	MXRA8	0.546691422	1.41E-35
RP11-221N13.3	C8orf4	0.366848124	1.97E-15
RP11-221N13.3	CLDN10	0.608360933	8.63E-46
RP11-221N13.3	PDE5A	0.634739465	6.99E-51
RP11-221N13.3	APOE	0.320268045	6.28E-12
RP11-221N13.3	SPOCK2	0.275888152	4.14E-09
RP11-221N13.3	TENM1	0.594582508	2.57E-43
RP11-221N13.3	SLIT1	0.51438263	5.06E-31
RP11-221N13.3	CXCL14	0.237064044	5.04E-07
RP11-221N13.3	ECM1	0.409286968	3.69E-19
RP11-221N13.3	DUSP5	0.468131898	2.72E-25
RP11-221N13.3	SEZ6L2	0.45845899	3.36E-24

RP11-221N13.3	THRSP	0.426044387	8.72E-21
RP11-221N13.3	C19orf33	0.399580444	2.94E-18
RP11-221N13.3	MPZL2	0.600124675	2.69E-44
RP11-221N13.3	CTSH	0.672503904	4.27E-59
RP11-221N13.3	CYP1B1	0.675055139	1.08E-59
RP11-221N13.3	ALOX5	0.429346653	4.07E-21
RP11-221N13.3	SYTL5	0.558609783	2.18E-37
RP11-221N13.3	TNFRSF12A	0.535368516	6.33E-34
RP11-221N13.3	DUSP6	0.52802898	6.91E-33
RP11-221N13.3	ALOX15B	0.485054416	2.74E-27
RP11-221N13.3	SDC4	0.652053172	1.68E-54
RP11-221N13.3	MDK	0.491440376	4.52E-28
RP11-221N13.3	KRT19	0.440640482	2.81E-22
RP11-221N13.3	MET	0.647346712	1.71E-53
RP11-221N13.3	TESC	0.50906953	2.56E-30
RP11-221N13.3	CXCL17	0.634739488	6.99E-51
RP11-221N13.3	NPC2	0.692870668	4.72E-64
RP11-221N13.3	COMP	0.387500124	3.53E-17
RP11-221N13.3	TUSC3	0.563513377	3.74E-38
RP11-221N13.3	TMPRSS4	0.48686001	1.65E-27
RP11-221N13.3	LGALS3	0.61768135	1.56E-47
RP11-221N13.3	CRLF1	0.302840442	9.18E-11
RP11-221N13.3	CTXN1	0.451455752	1.97E-23
RP11-221N13.3	PCSK1N	0.265560096	1.60E-08
RP11-221N13.3	NMU	0.392899233	1.18E-17
RP11-221N13.3	GALE	0.680184417	6.44E-61
RP11-221N13.3	PCSK2	0.312864399	2.01E-11
RP11-221N13.3	GJB3	0.589590387	1.90E-42
RP11-221N13.3	SLPI	0.355096584	1.72E-14
RP11-221N13.3	AGR2	0.217939779	4.05E-06
RP11-221N13.3	MRC2	0.505534083	7.40E-30
RP11-221N13.3	GOLT1A	0.672061654	5.42E-59
RP11-221N13.3	SLC27A6	0.450622045	2.43E-23
RP11-221N13.3	KCNN4	0.590868203	1.14E-42
RP11-221N13.3	ETV4	0.424531206	1.23E-20
RP11-221N13.3	SYT12	0.691747171	9.08E-64
RP11-221N13.3	PVRL4	0.620551437	4.40E-48
RP11-221N13.3	PLCD3	0.550082053	4.37E-36
RP11-221N13.3	PLAU	0.56510508	2.10E-38
RP11-221N13.3	LRRK2	0.540129583	1.30E-34
RP11-221N13.3	SFN	0.44857985	4.03E-23
RP11-221N13.3	LPAR5	0.671949886	5.76E-59
RP11-221N13.3	NGEF	0.536000403	5.13E-34
RP11-221N13.3	DTX4	0.597245228	8.74E-44
RP11-221N13.3	CST6	0.529948896	3.72E-33
RP11-221N13.3	QPCT	0.660571237	2.27E-56
RP11-221N13.3	TIMP1	0.658874007	5.40E-56
RP11-221N13.3	CAMK2N1	0.68605267	2.39E-62
RP11-221N13.3	KLHDC8A	0.414976363	1.06E-19
RP11-221N13.3	PDLIM4	0.662716817	7.49E-57
RP11-221N13.3	SCEL	0.481642651	7.07E-27

RP11-221N13.3	LCN2	0.497205938	8.60E-29
RP11-221N13.3	PROS1	0.679384878	1.00E-60
RP11-221N13.3	GABRB2	0.694352589	1.98E-64
RP11-221N13.3	TMPRSS6	0.525930207	1.35E-32
RP11-221N13.3	KLK7	0.500892728	2.93E-29
RP11-221N13.3	PDZK1IP1	0.494364219	1.96E-28
RP11-221N13.3	CDH3	0.543768146	3.81E-35
RP11-221N13.3	LRP4	0.570289675	3.12E-39
RP11-221N13.3	IGSF1	0.335149944	5.52E-13
RP11-221N13.3	B3GNT3	0.480279449	1.03E-26
RP11-221N13.3	CLDN1	0.528345846	6.24E-33
RP11-221N13.3	GDF15	0.500430478	3.35E-29
RP11-221N13.3	ARHGAP36	0.41885684	4.46E-20
RP11-221N13.3	LAMB3	0.476801729	2.66E-26
RP11-221N13.3	KLK10	0.586042032	7.68E-42
RP11-221N13.3	DPP4	0.591148332	1.02E-42
RP11-221N13.3	METTL7B	0.696669508	5.05E-65
RP11-221N13.3	LIPH	0.651731484	1.97E-54
RP11-221N13.3	CLDN16	0.538370511	2.34E-34
RP11-221N13.3	CHI3L1	0.717540931	1.22E-70
RP11-221N13.3	SLC22A31	0.591608522	8.49E-43
RP11-221N13.3	TACSTD2	0.533240666	1.27E-33
RP11-221N13.3	SFTPBP	0.521929107	4.82E-32
RP11-221N13.3	RXRG	0.678343505	1.78E-60
RP11-221N13.3	DCSTAMP	0.648852558	8.16E-54
RP11-221N13.3	CITED1	0.728268544	9.91E-74
RP11-221N13.3	SERPINA1	0.700428066	5.34E-66
RP11-221N13.3	PRR15	0.56793063	7.46E-39
RP11-221N13.3	SLC34A2	0.584224665	1.56E-41
RP11-221N13.3	FN1	0.567305267	9.38E-39
RP11-221N13.3	ZCCHC12	0.55792341	2.79E-37
DOCK9-AS2	TFF3	-0.427785894	0
DOCK9-AS2	CCL21	-0.365949502	2.34E-15
DOCK9-AS2	TPO	-0.541947197	0
DOCK9-AS2	MT1G	-0.553779676	0
DOCK9-AS2	DIO1	-0.544977973	0
DOCK9-AS2	DPT	-0.381174873	1.25E-16
DOCK9-AS2	CDH16	-0.522131557	0
DOCK9-AS2	CRABP1	-0.397464518	4.57E-18
DOCK9-AS2	SLC26A7	-0.483371157	0
DOCK9-AS2	MT1H	-0.570266196	3.14E-39
DOCK9-AS2	SLC26A4	-0.495509011	0
DOCK9-AS2	SLC5A8	-0.615754053	3.61E-47
DOCK9-AS2	PKHD1L1	-0.486886053	1.64E-27
DOCK9-AS2	TFCP2L1	-0.604751686	0
DOCK9-AS2	WSCD2	-0.528413117	6.11E-33
DOCK9-AS2	IPCEF1	-0.521015582	0
DOCK9-AS2	SLC5A5	-0.464813037	6.49E-25
DOCK9-AS2	MT1F	-0.519233115	0
DOCK9-AS2	FOSB	-0.256917113	5.33E-08
DOCK9-AS2	SEMA3D	-0.582126556	3.52E-41

DOCK9-AS2	BMP8A	-0.513336945	0
DOCK9-AS2	MATN2	-0.496698741	0
DOCK9-AS2	PLA2R1	-0.51403521	0
DOCK9-AS2	COL23A1	-0.500588908	0
DOCK9-AS2	HGD	-0.611400443	0
DOCK9-AS2	TCEAL2	-0.420129384	0
DOCK9-AS2	CHRD1	-0.37922832	1.83E-16
DOCK9-AS2	TNFRSF11B	-0.544987759	0
DOCK9-AS2	FAM167A	-0.471532437	0
DOCK9-AS2	KIT	-0.457469143	0
DOCK9-AS2	SLC4A4	-0.60577887	0
DOCK9-AS2	SMOC2	-0.372649262	5.77E-16
DOCK9-AS2	FHL1	-0.504935648	0
DOCK9-AS2	OTOS	-0.562596697	0
DOCK9-AS2	IGFBPL1	-0.581274319	4.90E-41
DOCK9-AS2	HBB	-0.283787732	1.67E-09
DOCK9-AS2	BEX1	-0.222979885	2.53E-06
DOCK9-AS2	FABP4	-0.420078666	3.39E-20
DOCK9-AS2	LMOD1	-0.478759464	0
DOCK9-AS2	SOD3	-0.549682852	0
DOCK9-AS2	TMEM171	-0.547743939	0
DOCK9-AS2	PI16	-0.312355007	2.78E-11
DOCK9-AS2	ZMAT4	-0.57363792	8.94E-40
DOCK9-AS2	MFAP4	-0.27294244	7.07E-09
DOCK9-AS2	CWH43	-0.584481053	1.41E-41
DOCK9-AS2	SPX	-0.476913454	0
DOCK9-AS2	APOD	-0.212629746	7.35E-06
DOCK9-AS2	DPP6	-0.521426201	0
DOCK9-AS2	MMRN1	-0.443994332	0
DOCK9-AS2	WDR72	-0.457091715	0
DOCK9-AS2	MPPED2	-0.552029264	0
DOCK9-AS2	PAPSS2	-0.567747087	0
DOCK9-AS2	DCN	-0.322374382	5.91E-12
DOCK9-AS2	SORBS2	-0.563308578	0
DOCK9-AS2	EGR2	-0.128814071	0.006914756
DOCK9-AS2	EDN3	-0.236287453	5.51E-07
DOCK9-AS2	DIO2	-0.459252887	0
DOCK9-AS2	ITPR1	-0.579860404	0
DOCK9-AS2	CFD	-0.270251931	1.00E-08
DOCK9-AS2	CPXM1	-0.432263125	0
DOCK9-AS2	ELM01	-0.598428019	0
DOCK9-AS2	GPC3	-0.425799125	9.23E-21
DOCK9-AS2	MYOC	-0.070331203	0.14123075
DOCK9-AS2	DEPTOR	-0.475023049	0
DOCK9-AS2	DGKI	-0.483258112	0
DOCK9-AS2	CARTPT	-0.45568063	6.81E-24
DOCK9-AS2	IYD	-0.506540536	0
DOCK9-AS2	LYVE1	-0.361895597	6.09E-15
DOCK9-AS2	CLCNKB	-0.346926957	9.96E-14
DOCK9-AS2	NCAM1	-0.709616416	0
DOCK9-AS2	HBA2	-0.222719614	2.60E-06

DOCK9-AS2	GLT8D2	-0.531807402	0
DOCK9-AS2	OGDHL	-0.586312149	0
DOCK9-AS2	LIFR	-0.546117776	0
DOCK9-AS2	CSGALNACT1	-0.383478527	0
DOCK9-AS2	RAP1GAP	-0.464728226	0
DOCK9-AS2	COL9A3	-0.424995674	0
DOCK9-AS2	FBLN1	-0.359719673	9.35E-15
DOCK9-AS2	EFEMP1	-0.408172372	0
DOCK9-AS2	AOX1	-0.578991672	1.18E-40
DOCK9-AS2	GRIN2C	-0.511706953	0
DOCK9-AS2	C11orf74	-0.429913593	0
DOCK9-AS2	PPARGC1A	-0.662067219	0
DOCK9-AS2	ANGPTL1	-0.354871822	2.36E-14
DOCK9-AS2	SCARA5	-0.361809386	5.04E-15
DOCK9-AS2	LTF	-0.502474065	0
DOCK9-AS2	CA4	-0.261396493	2.73E-08
DOCK9-AS2	TG	-0.323938562	4.61E-12
DOCK9-AS2	FCGBP	-0.420873745	0
DOCK9-AS2	PBX4	-0.338805504	4.05E-13
DOCK9-AS2	CYR61	-0.267264841	1.47E-08
DOCK9-AS2	FOS	-0.322158222	6.11E-12
DOCK9-AS2	KHDRBS2	-0.411048687	0
DOCK9-AS2	MUM1L1	-0.456760951	0
DOCK9-AS2	RGS16	-0.546015937	0
DOCK9-AS2	MT1M	-0.493136359	0
DOCK9-AS2	LRP2	-0.479079165	0
DOCK9-AS2	MAFB	-0.567970055	0
DOCK9-AS2	KCNK2	-0.457172846	0
DOCK9-AS2	TBC1D4	-0.582146393	0
DOCK9-AS2	MIOX	-0.420220884	3.28E-20
DOCK9-AS2	TPPP	-0.514874034	0
DOCK9-AS2	FMOD	-0.657825296	0
DOCK9-AS2	CITED2	-0.417762122	0
DOCK9-AS2	RGS8	-0.502555984	1.79E-29
DOCK9-AS2	ABI3BP	-0.472462746	0
DOCK9-AS2	ADH1B	-0.353480109	2.30E-14
DOCK9-AS2	OGN	-0.378307544	2.19E-16
DOCK9-AS2	NR4A1	-0.219617635	3.60E-06
DOCK9-AS2	FOXJ1	-0.331143944	1.08E-12
DOCK9-AS2	ALDH1A1	-0.404405461	0
DOCK9-AS2	OCA2	-0.339475774	2.66E-13
DOCK9-AS2	TMEM139	-0.339281084	3.74E-13
DOCK9-AS2	ARHGAP24	-0.668804058	0
DOCK9-AS2	SLC25A15	-0.575177651	0
DOCK9-AS2	DES	-0.268508266	1.10E-08
DOCK9-AS2	GDF10	-0.460431046	2.02E-24
DOCK9-AS2	KIAA1324	-0.555729936	0
DOCK9-AS2	JUN	-0.329419716	1.92E-12
DOCK9-AS2	C7	-0.194637564	4.17E-05
DOCK9-AS2	LGI3	-0.583937087	0
DOCK9-AS2	CDON	-0.568274012	0

DOCK9-AS2	BCL2	-0.493083029	0
DOCK9-AS2	HLF	-0.479492053	0
DOCK9-AS2	EGR1	-0.247303251	1.68E-07
DOCK9-AS2	IP6K3	-0.523422558	0
DOCK9-AS2	SCUBE3	-0.437742151	0
DOCK9-AS2	PKNOX2	-0.336009611	6.48E-13
DOCK9-AS2	SMAD9	-0.423764102	0
DOCK9-AS2	IQGAP2	-0.61767163	0
DOCK9-AS2	GNA14	-0.513809405	0
DOCK9-AS2	LAYN	-0.404459218	0
DOCK9-AS2	AVPR1A	-0.504376243	0
DOCK9-AS2	PDLIM3	-0.588800682	0
DOCK9-AS2	GPM6A	-0.434156651	0
DOCK9-AS2	SDPR	-0.265098137	1.93E-08
DOCK9-AS2	CRYAB	-0.373779988	4.33E-16
DOCK9-AS2	FOXA2	-0.328616294	1.63E-12
DOCK9-AS2	C8orf88	-0.444859113	0
DOCK9-AS2	ISM1	-0.522820602	0
DOCK9-AS2	BMP2	-0.332693175	1.12E-12
DOCK9-AS2	ID4	-0.389603196	0
DOCK9-AS2	NUPR1	-0.528218781	0
DOCK9-AS2	SERTM1	-0.586412455	6.64E-42
DOCK9-AS2	IRS1	-0.493293373	0
DOCK9-AS2	FIBIN	-0.53681014	0
DOCK9-AS2	PODN	-0.320361571	8.10E-12
DOCK9-AS2	TDRD9	-0.428174953	0
DOCK9-AS2	EPHA3	-0.437116508	0
DOCK9-AS2	AIF1L	-0.291626078	5.68E-10
DOCK9-AS2	EBF4	-0.483306337	0
DOCK9-AS2	ADM2	-0.560881036	0
DOCK9-AS2	GSTM3	-0.493197491	0
DOCK9-AS2	HSD17B6	-0.157583748	0.00093487
DOCK9-AS2	AGR3	-0.282793552	1.62E-09
DOCK9-AS2	EPHB1	-0.512659815	0
DOCK9-AS2	TMOD1	-0.525617346	0
DOCK9-AS2	WASF3	-0.546185574	0
DOCK9-AS2	SELV	-0.479358087	1.33E-26
DOCK9-AS2	ENPP1	-0.469139219	0
DOCK9-AS2	SYNE1	-0.548603987	7.29E-36
DOCK9-AS2	PLCH1	-0.539262787	0
DOCK9-AS2	CCDC146	-0.460576795	0
DOCK9-AS2	SLC16A2	-0.510554952	0
DOCK9-AS2	IER2	-0.29927351	1.92E-10
DOCK9-AS2	KCNAB1	-0.280577958	2.58E-09
DOCK9-AS2	SYNDIG1	-0.546957735	0
DOCK9-AS2	C16orf89	-0.358864679	1.10E-14
DOCK9-AS2	CTGF	-0.188195037	7.48E-05
DOCK9-AS2	NR4A3	-0.226243273	1.79E-06
DOCK9-AS2	KIAA1456	-0.469391831	0
DOCK9-AS2	AQP4	-0.495731979	0
DOCK9-AS2	RNF150	-0.522158648	0

DOCK9-AS2	C1S	-0.330442645	1.62E-12
DOCK9-AS2	PFKFB2	-0.613004905	0
DOCK9-AS2	PROX1	-0.520816017	0
DOCK9-AS2	TCF7L1	-0.483832127	0
DOCK9-AS2	HSPB6	-0.27422564	5.98E-09
DOCK9-AS2	FHDC1	-0.413754088	0
DOCK9-AS2	PRR15L	-0.560634239	0
DOCK9-AS2	SLC1A1	-0.580779083	0
DOCK9-AS2	BTBD11	-0.372917334	5.40E-16
DOCK9-AS2	TRIM58	-0.49395632	0
DOCK9-AS2	LRIG1	-0.579646655	0
DOCK9-AS2	ROR2	-0.423603543	0
DOCK9-AS2	GPR125	-0.524799797	0
DOCK9-AS2	FLRT1	-0.456733292	0
DOCK9-AS2	PGF	-0.386988145	0
DOCK9-AS2	DUSP1	-0.264123291	2.18E-08
DOCK9-AS2	PLA2G7	-0.318306777	1.12E-11
DOCK9-AS2	PLSCR4	-0.493863842	0
DOCK9-AS2	FAM46B	-0.484707404	0
DOCK9-AS2	GLDC	-0.470481424	0
DOCK9-AS2	ZBTB16	-0.402139897	0
DOCK9-AS2	OMD	-0.348132907	5.93E-14
DOCK9-AS2	HSD11B2	-0.322169285	6.10E-12
DOCK9-AS2	FGL2	-0.379477444	7.28E-17
DOCK9-AS2	CLCNKA	-0.474503658	4.96E-26
DOCK9-AS2	GATM	-0.410781608	0
DOCK9-AS2	TNS3	-0.49190649	0
DOCK9-AS2	TOB1	-0.39561468	0
DOCK9-AS2	MARC2	-0.497417997	0
DOCK9-AS2	LRRC2	-0.506854847	0
DOCK9-AS2	SORD	-0.202493922	1.99E-05
DOCK9-AS2	RIMS4	-0.35387882	2.83E-14
DOCK9-AS2	SLC29A4	-0.440630097	0
DOCK9-AS2	SLC39A14	-0.601097961	0
DOCK9-AS2	FAXDC2	-0.38475265	0
DOCK9-AS2	HSPB8	-0.455311233	0
DOCK9-AS2	CCL19	-0.136481055	0.004171944
DOCK9-AS2	KCNIP3	-0.403002692	0
DOCK9-AS2	CGNL1	-0.443538326	0
DOCK9-AS2	ATF3	-0.0833869	0.080951369
DOCK9-AS2	SGCD	-0.452525126	0
DOCK9-AS2	STARD13	-0.42804191	0
DOCK9-AS2	LDHD	-0.456370615	0
DOCK9-AS2	RCAN1	-0.323696304	4.80E-12
DOCK9-AS2	ID3	-0.43067228	0
DOCK9-AS2	SYTL3	-0.47633717	0
DOCK9-AS2	MT1E	-0.440219053	0
DOCK9-AS2	CAMK1D	-0.474987447	0
DOCK9-AS2	PRKCQ	-0.434808109	0
DOCK9-AS2	NUAK2	-0.468677255	0
DOCK9-AS2	LIPG	-0.269198932	1.15E-08

DOCK9-AS2	SLC25A25	-0.371974827	6.81E-16
DOCK9-AS2	PRKX	-0.220332211	3.34E-06
DOCK9-AS2	SRPX	-0.307805155	5.50E-11
DOCK9-AS2	FAM189A1	-0.407109161	0
DOCK9-AS2	PLEKHH1	-0.366390273	2.41E-15
DOCK9-AS2	WNT11	-0.411214495	0
DOCK9-AS2	SNAI1	-0.400382818	0
DOCK9-AS2	FDCSP	-0.183195488	0.00011332
DOCK9-AS2	MT1X	-0.399031962	0
DOCK9-AS2	ACACB	-0.549296062	0
DOCK9-AS2	ARC	-0.007948127	0.868057826
DOCK9-AS2	KLK4	-0.465962582	4.81E-25
DOCK9-AS2	ZFPM2	-0.324672569	4.11E-12
DOCK9-AS2	AKAP12	-0.306289909	6.88E-11
DOCK9-AS2	GJB6	-0.315634468	1.30E-11
DOCK9-AS2	ERO1LB	-0.431141051	0
DOCK9-AS2	DNALI1	-0.326094912	3.27E-12
DOCK9-AS2	HKDC1	-0.565013177	0
DOCK9-AS2	ZFP36L2	-0.388047385	0
DOCK9-AS2	CAPSL	-0.446834963	6.20E-23
DOCK9-AS2	CYP7B1	-0.531932786	0
DOCK9-AS2	CPQ	-0.287645135	9.87E-10
DOCK9-AS2	RPS6KA6	-0.390126235	2.08E-17
DOCK9-AS2	TLE1	-0.608996729	0
DOCK9-AS2	TP53INP2	-0.405306978	0
DOCK9-AS2	KATNAL2	-0.46961338	0
DOCK9-AS2	SGPP2	-0.532943659	0
DOCK9-AS2	CTH	-0.561079466	0
DOCK9-AS2	KIF12	-0.166898334	0.000453007
DOCK9-AS2	TMEM220	-0.492833253	0
DOCK9-AS2	CENPJ	-0.446151108	0
DOCK9-AS2	FAM155B	-0.286557244	1.15E-09
DOCK9-AS2	WFS1	-0.478331967	0
DOCK9-AS2	SELENBP1	-0.347432039	9.11E-14
DOCK9-AS2	SNTA1	-0.535677996	0
DOCK9-AS2	FRAS1	-0.356856832	1.62E-14
DOCK9-AS2	FBLN7	-0.588922946	0
DOCK9-AS2	AGPAT9	-0.335529634	7.02E-13
DOCK9-AS2	GPR83	-0.257091006	5.22E-08
DOCK9-AS2	PRTG	-0.440757751	0
DOCK9-AS2	EGR3	-0.051924304	0.277552099
DOCK9-AS2	GRAMD2	-0.401920758	0
DOCK9-AS2	HYOU1	-0.50782175	0
DOCK9-AS2	FBLN5	-0.356533302	1.72E-14
DOCK9-AS2	ITM2A	-0.337143599	5.36E-13
DOCK9-AS2	SRF	-0.301804452	1.33E-10
DOCK9-AS2	FGFR2	-0.198635101	2.87E-05
DOCK9-AS2	MT1A	-0.332892255	8.06E-13
DOCK9-AS2	MAMDC2	-0.324444637	4.26E-12
DOCK9-AS2	FHL2	-0.48809873	0
DOCK9-AS2	FTCDNL1	-0.506302675	0

DOCK9-AS2	PKIA	-0.103803079	0.029699972
DOCK9-AS2	DNAJB4	-0.266852095	1.55E-08
DOCK9-AS2	SLC25A33	-0.50845633	0
DOCK9-AS2	EYA2	-0.454116397	0
DOCK9-AS2	LPAR1	-0.497300556	0
DOCK9-AS2	STX11	-0.493930505	0
DOCK9-AS2	ARHGEF28	-0.59362045	0
DOCK9-AS2	OR2W3	-0.420878426	0
DOCK9-AS2	ALDH1B1	-0.672088462	5.34E-59
DOCK9-AS2	CXCL12	-0.335318013	7.27E-13
DOCK9-AS2	OLFM2	-0.365016297	3.22E-15
DOCK9-AS2	TUB	-0.305061458	8.25E-11
DOCK9-AS2	HTRA3	-0.284082753	1.61E-09
DOCK9-AS2	CKB	-0.429789769	0
DOCK9-AS2	RGS2	-0.279056046	3.16E-09
DOCK9-AS2	SHANK2	-0.436886448	0
DOCK9-AS2	CNTFR	-0.466361053	4.33E-25
DOCK9-AS2	CYTH3	-0.46558861	0
DOCK9-AS2	PLAC9	-0.199337621	2.69E-05
DOCK9-AS2	WVOX	-0.411141165	0
DOCK9-AS2	NPR3	-0.347347504	9.24E-14
DOCK9-AS2	SDC2	-0.153917258	0.001230518
DOCK9-AS2	KLF15	-0.366861031	2.18E-15
DOCK9-AS2	TMEM164	-0.633169606	0
DOCK9-AS2	LONRF3	-0.186670288	8.57E-05
DOCK9-AS2	GBP1	-0.298945866	2.01E-10
DOCK9-AS2	ARHGAP6	-0.428961298	0
DOCK9-AS2	TMEM119	-0.298043782	2.29E-10
DOCK9-AS2	SH3RF1	-0.437263309	0
DOCK9-AS2	CRELD2	-0.383006635	4.87E-18
DOCK9-AS2	PCP4	-0.082483398	0.084305358
DOCK9-AS2	GCSH	-0.397178576	0
DOCK9-AS2	IMPA2	-0.317715883	1.22E-11
DOCK9-AS2	C1R	-0.290435922	6.70E-10
DOCK9-AS2	SUCNR1	-0.340896609	2.84E-13
DOCK9-AS2	SFRP1	-0.48141891	0
DOCK9-AS2	UGT8	-0.600778544	0
DOCK9-AS2	TLE4	-0.298763606	2.06E-10
DOCK9-AS2	ANTXR1	-0.527290599	0
DOCK9-AS2	GPX3	-0.396054233	0
DOCK9-AS2	DPY19L2	-0.432854018	0
DOCK9-AS2	FAM46C	-0.491671465	0
DOCK9-AS2	IL33	-0.340993922	2.05E-13
DOCK9-AS2	PEG3	-0.423622832	0
DOCK9-AS2	FAHD2A	-0.424792847	0
DOCK9-AS2	PTGDS	-0.101570846	0.033409314
DOCK9-AS2	CHCHD10	-0.463006039	0
DOCK9-AS2	CD36	-0.407340355	0
DOCK9-AS2	ANKRD37	-0.270144277	1.02E-08
DOCK9-AS2	TSPAN33	-0.523383979	0
DOCK9-AS2	PRDM16	-0.280260243	2.69E-09

DOCK9-AS2	UST	-0.312905335	2.55E-11
DOCK9-AS2	NEXN	-0.503625924	0
DOCK9-AS2	NUPR1L	-0.14692864	0.002025369
DOCK9-AS2	SLC24A3	-0.71302306	0
DOCK9-AS2	MARC1	-0.380572001	4.45E-17
DOCK9-AS2	MYH11	-0.245759353	2.02E-07
DOCK9-AS2	APOA1	-0.34312233	1.42E-13
DOCK9-AS2	TMEM178B	-0.41587271	0
DOCK9-AS2	CAPN6	-0.277380295	3.39E-09
DOCK9-AS2	PPM1L	-0.597499695	0
DOCK9-AS2	FZD8	-0.508890777	0
DOCK9-AS2	RCAN2	-0.528917754	0
DOCK9-AS2	COPZ2	-0.564602275	0
DOCK9-AS2	GAS1	-0.480262087	0
DOCK9-AS2	DACT1	-0.43716147	0
DOCK9-AS2	WBSCR17	-0.284758891	1.47E-09
DOCK9-AS2	NCS1	-0.301969409	1.30E-10
DOCK9-AS2	SPIRE2	-0.326326248	3.15E-12
DOCK9-AS2	C15orf52	-0.634036373	0
DOCK9-AS2	SPAG5	-0.481765702	0
DOCK9-AS2	ARL4D	-0.521888164	0
DOCK9-AS2	FAM189A2	-0.123906507	0.009393209
DOCK9-AS2	MAP1LC3A	-0.35806032	1.29E-14
DOCK9-AS2	KLF6	-0.077386622	0.105379437
DOCK9-AS2	ADD3	-0.31353112	2.32E-11
DOCK9-AS2	TSPAN7	-0.226179305	1.80E-06
DOCK9-AS2	KLF9	-0.307154123	6.06E-11
DOCK9-AS2	KCNQ1	-0.457119657	0
DOCK9-AS2	MAN1A1	-0.392021945	0
DOCK9-AS2	MLF1	-0.208003018	1.16E-05
DOCK9-AS2	RARB	-0.47769214	0
DOCK9-AS2	CDC42EP2	-0.352473356	3.67E-14
DOCK9-AS2	FAM3B	-0.237422025	5.24E-07
DOCK9-AS2	GADD45B	-0.256130201	5.87E-08
DOCK9-AS2	TMEM47	-0.405975031	0
DOCK9-AS2	SDF2L1	-0.29668399	2.78E-10
DOCK9-AS2	CCDC85A	-0.335074053	7.58E-13
DOCK9-AS2	CRYBG3	-0.379273624	7.91E-17
DOCK9-AS2	FBLN2	-0.244511612	2.33E-07
DOCK9-AS2	PEBP4	-0.335260143	7.34E-13
DOCK9-AS2	CDADC1	-0.415100974	0
DOCK9-AS2	FAM63A	-0.474253298	0
DOCK9-AS2	GLUL	-0.411576747	0
DOCK9-AS2	FREM2	-0.561836876	0
DOCK9-AS2	ACKR3	-0.358555616	1.17E-14
DOCK9-AS2	DENND6A	-0.499100327	0
DOCK9-AS2	CLDN8	-0.311829642	3.01E-11
DOCK9-AS2	UTS2R	-0.110423548	0.020661435
DOCK9-AS2	SCNN1B	-0.220568512	3.26E-06
DOCK9-AS2	TTC30A	-0.553801802	0
DOCK9-AS2	CORO2B	-0.403458698	0

DOCK9-AS2	TC2N	-0.573259304	0
DOCK9-AS2	ALDH2	-0.671214154	0
DOCK9-AS2	GPR183	-0.187265721	8.13E-05
DOCK9-AS2	C4orf47	-0.29911139	1.96E-10
DOCK9-AS2	SLC25A42	-0.318097	1.15E-11
DOCK9-AS2	LGMN	-0.547496575	0
DOCK9-AS2	ACSF2	-0.540967811	0
DOCK9-AS2	KIAA1467	-0.548431139	0
DOCK9-AS2	PRKG1	-0.467802262	0
DOCK9-AS2	GNAI1	-0.533936803	0
DOCK9-AS2	ABCC4	-0.507619774	0
DOCK9-AS2	PRPS1	-0.565653429	0
DOCK9-AS2	TSPAN5	-0.420275192	0
DOCK9-AS2	CR2	-0.296525174	2.32E-10
DOCK9-AS2	CCDC170	-0.444495443	0
DOCK9-AS2	RRAD	-0.176927354	0.000198942
DOCK9-AS2	SCGB2A1	-0.439527739	0
DOCK9-AS2	SESN3	-0.363019372	4.85E-15
DOCK9-AS2	SGK223	-0.265338551	1.87E-08
DOCK9-AS2	NDRG2	-0.526726087	0
DOCK9-AS2	C3orf52	-0.434424865	0
DOCK9-AS2	FLRT3	0.287051972	1.07E-09
DOCK9-AS2	MST1R	0.497554444	0
DOCK9-AS2	SDC1	0.046534352	0.330542151
DOCK9-AS2	ST8SIA4	0.2224314	2.68E-06
DOCK9-AS2	UBTD1	0.575410122	0
DOCK9-AS2	EPHA2	0.434739318	0
DOCK9-AS2	TMEM130	0.54018558	0
DOCK9-AS2	SPINK2	0.271780935	8.22E-09
DOCK9-AS2	MMP16	0.416166596	0
DOCK9-AS2	SIGLEC15	0.560910396	0
DOCK9-AS2	RIN1	0.653742798	0
DOCK9-AS2	IL1RN	0.210910963	8.73E-06
DOCK9-AS2	FCER1G	0.123392489	0.009693846
DOCK9-AS2	CD276	0.54331323	0
DOCK9-AS2	CTSB	0.403269488	0
DOCK9-AS2	FAM171A2	0.489430864	0
DOCK9-AS2	ASPHD1	0.498609996	0
DOCK9-AS2	C15orf48	0.123441565	0.009664778
DOCK9-AS2	DYSF	0.314518874	2.00E-11
DOCK9-AS2	PDZRN4	0.414613196	0
DOCK9-AS2	EFHD2	0.421783772	0
DOCK9-AS2	ASF1B	0.227734407	1.52E-06
DOCK9-AS2	AQP1	0.281882009	2.16E-09
DOCK9-AS2	ARRDC2	0.669129716	0
DOCK9-AS2	PRSS1	0.502226476	1.98E-29
DOCK9-AS2	MAPK13	0.379104554	8.45E-17
DOCK9-AS2	CST5	0.477406438	2.26E-26
DOCK9-AS2	AHR	0.31900887	1.00E-11
DOCK9-AS2	BAX	0.369228151	1.29E-15
DOCK9-AS2	C1orf115	0.590235648	0

DOCK9-AS2	PLK3	0.4497298	0
DOCK9-AS2	JAG2	0.419991376	0
DOCK9-AS2	RAD23B	0.610814088	0
DOCK9-AS2	CA12	0.015982633	0.738325966
DOCK9-AS2	ADTRP	0.607697785	0
DOCK9-AS2	UCP2	0.633740359	0
DOCK9-AS2	IGFBP2	0.396861853	0
DOCK9-AS2	LOXL2	0.217325689	4.56E-06
DOCK9-AS2	GPX1	0.36155618	6.51E-15
DOCK9-AS2	P3H3	0.528883288	0
DOCK9-AS2	C2orf81	0.691210353	0
DOCK9-AS2	CDT1	0.397188788	0
DOCK9-AS2	SNX25	0.461839287	0
DOCK9-AS2	MTHFD1L	0.464714042	0
DOCK9-AS2	CDC42BPG	0.512926558	7.91E-31
DOCK9-AS2	MSN	0.49511442	0
DOCK9-AS2	SIGLEC6	0.538674448	2.11E-34
DOCK9-AS2	F2R	0.123994729	0.009342452
DOCK9-AS2	TMEM184A	0.470452772	0
DOCK9-AS2	CKS2	0.226693748	1.70E-06
DOCK9-AS2	TAX1BP3	0.501559641	0
DOCK9-AS2	PMEPA1	0.376065268	2.31E-16
DOCK9-AS2	CXCL16	0.325160631	3.80E-12
DOCK9-AS2	FAXC	0.535506373	0
DOCK9-AS2	VTCN1	0.288830447	6.99E-10
DOCK9-AS2	SH2D4A	0.478599472	0
DOCK9-AS2	RNF24	0.450472885	0
DOCK9-AS2	LY6G6C	0.548158156	8.50E-36
DOCK9-AS2	NID1	0.211990344	7.84E-06
DOCK9-AS2	STAC	0.428207859	0
DOCK9-AS2	RAB34	0.782701402	0
DOCK9-AS2	HES4	0.410956067	0
DOCK9-AS2	EPHA10	0.609786478	0
DOCK9-AS2	ENTPD2	0.682546657	0
DOCK9-AS2	DDB2	0.461691209	0
DOCK9-AS2	NKAIN4	0.32167626	6.59E-12
DOCK9-AS2	TRIM29	0.486030319	0
DOCK9-AS2	ADCY8	0.503994192	1.17E-29
DOCK9-AS2	SFTA2	0.277593563	3.84E-09
DOCK9-AS2	NRIP1	0.497359418	0
DOCK9-AS2	VWA1	0.349877595	5.88E-14
DOCK9-AS2	APLNR	0.209121971	1.04E-05
DOCK9-AS2	REN	0.651887322	1.82E-54
DOCK9-AS2	EDIL3	0.128445153	0.00707831
DOCK9-AS2	AGRN	0.485770332	0
DOCK9-AS2	TREM1	0.278726983	3.30E-09
DOCK9-AS2	SRL	0.363527291	4.38E-15
DOCK9-AS2	RASGRF1	0.690721866	0
DOCK9-AS2	RMI2	0.533905883	0
DOCK9-AS2	SAMD1	0.53725409	0
DOCK9-AS2	MGAT4B	0.589115277	0

DOCK9-AS2	NXN	0.47749683	0
DOCK9-AS2	SH3BGRL3	0.372251977	6.36E-16
DOCK9-AS2	CA11	0.584036656	0
DOCK9-AS2	PLD3	0.472991941	0
DOCK9-AS2	LURAP1L	0.183303358	0.000115181
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DOCK9-AS2	PDLIM7	0.49711248	0
DOCK9-AS2	BCL2L1	0.425792515	0
DOCK9-AS2	GGT6	0.447915136	0
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DOCK9-AS2	FYN	0.575097229	0
DOCK9-AS2	TK1	0.178835347	0.000169252
DOCK9-AS2	AK1	0.313137664	2.47E-11
DOCK9-AS2	HIGD1B	0.367366113	1.95E-15
DOCK9-AS2	TMEM59L	0.42677261	0
DOCK9-AS2	MEGF9	0.421303937	0
DOCK9-AS2	ZFP36L1	0.376303696	2.16E-16
DOCK9-AS2	ADRA1B	0.405044579	0
DOCK9-AS2	EPHA4	0.428884139	0
DOCK9-AS2	TCERG1L	0.567600144	0
DOCK9-AS2	NGFR	0.561314064	0
DOCK9-AS2	EBI3	0.336671139	5.80E-13
DOCK9-AS2	S100A10	0.268612578	1.24E-08
DOCK9-AS2	S100B	0.242363631	2.99E-07
DOCK9-AS2	CD44	0.393783137	0
DOCK9-AS2	BHLHE41	0.617908498	0
DOCK9-AS2	FBXO2	0.536144498	0
DOCK9-AS2	SLC30A2	0.163098659	0.000611582
DOCK9-AS2	FRMD5	0.199335351	2.69E-05
DOCK9-AS2	SAMD11	0.500744787	0
DOCK9-AS2	SIPA1L2	0.564104001	0
DOCK9-AS2	S100A16	0.459324515	0
DOCK9-AS2	PPL	0.447300839	0
DOCK9-AS2	ARHGD1B	0.281084458	2.41E-09
DOCK9-AS2	CDC42EP3	0.251871966	9.81E-08
DOCK9-AS2	RUNX2	0.556309625	0
DOCK9-AS2	LAMC2	0.272591109	7.40E-09
DOCK9-AS2	BRINP1	0.539202507	0
DOCK9-AS2	GPRC5B	0.560000085	0
DOCK9-AS2	AQP5	0.446285002	0
DOCK9-AS2	PLAG1	0.573509363	0
DOCK9-AS2	PTPRU	0.474849724	0
DOCK9-AS2	ANGPTL4	0.323317315	5.09E-12
DOCK9-AS2	PALM3	0.598933952	0
DOCK9-AS2	ACP5	0.293667114	4.26E-10
DOCK9-AS2	DLG4	0.574714695	0
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DOCK9-AS2	S100A2	0.340748815	2.91E-13
DOCK9-AS2	C11orf80	0.573279161	0
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DOCK9-AS2	CMTM3	0.324810435	4.02E-12
DOCK9-AS2	RDH5	0.729681547	0
DOCK9-AS2	MYH10	0.348939626	6.96E-14
DOCK9-AS2	EVPL	0.523484683	0
DOCK9-AS2	SCD	0.290988094	6.21E-10
DOCK9-AS2	CD151	0.654124198	0
DOCK9-AS2	S100A4	0.405191948	0
DOCK9-AS2	BNIP1	0.625501182	0
DOCK9-AS2	MAP3K6	0.475663727	0
DOCK9-AS2	MANEAL	0.37923859	8.02E-17
DOCK9-AS2	CD207	0.326661925	2.25E-12
DOCK9-AS2	CD1A	0.31293139	1.98E-11
DOCK9-AS2	C3	0.302970211	1.12E-10
DOCK9-AS2	NT5E	0.373359015	4.82E-16
DOCK9-AS2	CACNG4	0.45983744	2.36E-24
DOCK9-AS2	FHOD1	0.599953761	0
DOCK9-AS2	LEMD1	0.543319046	0
DOCK9-AS2	ATP11A	0.382560416	1.02E-17
DOCK9-AS2	PPAP2C	0.472234814	0
DOCK9-AS2	DRAM1	0.477133727	0
DOCK9-AS2	CDA	0.345392563	1.30E-13
DOCK9-AS2	CCND2	0.470289092	0
DOCK9-AS2	LCN6	0.637824865	1.65E-51
DOCK9-AS2	CDH4	0.477810148	0
DOCK9-AS2	MMP11	0.33817901	4.50E-13
DOCK9-AS2	B3GAT1	0.5538618	0
DOCK9-AS2	SPP1	0.17090268	0.000327898
DOCK9-AS2	HLA-DQB1	0.092370155	0.05313955
DOCK9-AS2	SDC3	0.606440682	0
DOCK9-AS2	CX3CL1	0.276054346	4.71E-09
DOCK9-AS2	SDK1	0.553989453	0
DOCK9-AS2	DOCK9	0.582502262	0
DOCK9-AS2	CSF2	0.484531556	3.17E-27
DOCK9-AS2	GRHL3	0.454830122	0
DOCK9-AS2	TMEM92	0.486041546	2.08E-27
DOCK9-AS2	BASP1	0.570254768	0
DOCK9-AS2	HRH1	0.468967029	0
DOCK9-AS2	ESM1	0.177522644	0.000189192
DOCK9-AS2	B4GALNT3	0.547556714	0
DOCK9-AS2	LMO3	0.375674081	2.59E-16
DOCK9-AS2	C9orf16	0.424064371	0
DOCK9-AS2	SEMA3F	0.506771446	0
DOCK9-AS2	PLA2G12B	0.487013673	1.58E-27
DOCK9-AS2	KLK6	0.654049279	6.19E-55
DOCK9-AS2	ST3GAL5	0.604423049	0
DOCK9-AS2	FAM132B	0.442325051	0
DOCK9-AS2	CDKN1A	0.170633899	0.000335164

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DOCK9-AS2	B3GNT8	0.466704159	0
DOCK9-AS2	MTMR11	0.474582644	0
DOCK9-AS2	MYO1G	0.323527092	4.93E-12
DOCK9-AS2	TMSB10	0.495556526	0
DOCK9-AS2	UNC5CL	0.421622787	0
DOCK9-AS2	ABR	0.308004437	5.34E-11
DOCK9-AS2	PLP2	0.435599134	0
DOCK9-AS2	SRCIN1	0.442322923	0
DOCK9-AS2	PDE9A	0.583020252	0
DOCK9-AS2	TREM2	0.238473747	4.65E-07
DOCK9-AS2	KDEL3	0.27196887	8.03E-09
DOCK9-AS2	PC	0.680935388	0
DOCK9-AS2	C2CD4A	0.354309154	2.62E-14
DOCK9-AS2	PELI1	0.372041632	6.70E-16
DOCK9-AS2	SSX1	0.405883404	0
DOCK9-AS2	MROH6	0.588235177	0
DOCK9-AS2	ESPN	0.67167399	0
DOCK9-AS2	BMP1	0.537789525	0
DOCK9-AS2	TM4SF4	0.54527565	2.28E-35
DOCK9-AS2	CORO2A	0.52001095	0
DOCK9-AS2	CD164L2	0.475165966	4.15E-26
DOCK9-AS2	CTSS	0.170269093	0.000345266
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DOCK9-AS2	TMSB4X	0.39655506	0
DOCK9-AS2	WNT10A	0.582456044	3.10E-41
DOCK9-AS2	NAPSA	0.373366958	4.81E-16
DOCK9-AS2	PLEKHA4	0.750449766	0
DOCK9-AS2	SFTPA1	0.199706103	2.50E-05
DOCK9-AS2	C1orf116	0.518890295	0
DOCK9-AS2	TM4SF1	0.394349351	0
DOCK9-AS2	SEL1L3	0.519020927	0
DOCK9-AS2	VASN	0.623434615	0
DOCK9-AS2	NPTXR	0.48016351	0
DOCK9-AS2	PDE4C	0.436369168	0
DOCK9-AS2	CDC42EP1	0.652467541	0
DOCK9-AS2	ENDOD1	0.579551341	0
DOCK9-AS2	RYR1	0.672027874	0
DOCK9-AS2	IL1RAP	0.536614404	0
DOCK9-AS2	SLC35F2	0.634491692	7.85E-51
DOCK9-AS2	ISYNA1	0.658922832	0
DOCK9-AS2	HLA-G	0.326993308	2.83E-12
DOCK9-AS2	CDKN2B	0.293340038	4.46E-10
DOCK9-AS2	ALDH1A3	0.266733803	1.57E-08
DOCK9-AS2	CLIP3	0.507540913	0
DOCK9-AS2	ULBP2	0.442737797	0
DOCK9-AS2	ETHE1	0.544054755	0
DOCK9-AS2	XPR1	0.360925289	7.38E-15
DOCK9-AS2	SPTBN2	0.447755569	0
DOCK9-AS2	IVL	0.334856067	5.80E-13
DOCK9-AS2	MARCO	0.301629425	1.36E-10

DOCK9-AS2	PLXND1	0.458452642	0
DOCK9-AS2	EMILIN2	0.389216974	0
DOCK9-AS2	PLAUR	0.325337218	3.69E-12
DOCK9-AS2	CDC42EP5	0.649897452	0
DOCK9-AS2	TRPC5	0.617635763	1.59E-47
DOCK9-AS2	TMEM100	0.316237231	1.54E-11
DOCK9-AS2	QSOX1	0.638266949	0
DOCK9-AS2	ARHGAP23	0.576292207	0
DOCK9-AS2	MDFI	0.455199607	0
DOCK9-AS2	FSTL3	0.643143593	0
DOCK9-AS2	INF2	0.647297577	0
DOCK9-AS2	TGFBR1	0.607615661	0
DOCK9-AS2	TGFBI	0.201176681	2.26E-05
DOCK9-AS2	ERBB3	0.586991549	0
DOCK9-AS2	CCL18	0.312130621	2.87E-11
DOCK9-AS2	CCL17	0.272927698	6.14E-09
DOCK9-AS2	C16orf45	0.680322367	0
DOCK9-AS2	PRDM1	0.485744375	0
DOCK9-AS2	TRIM47	0.427535126	0
DOCK9-AS2	CNFN	0.451753107	0
DOCK9-AS2	ARMCX3	0.69670484	0
DOCK9-AS2	RAMP1	0.670683825	0
DOCK9-AS2	GABRD	0.414694043	0
DOCK9-AS2	COL13A1	0.446585697	0
DOCK9-AS2	S100A5	0.567644823	0
DOCK9-AS2	MISP	0.378916903	9.08E-17
DOCK9-AS2	HES6	0.510994931	0
DOCK9-AS2	PSD3	0.419833228	0
DOCK9-AS2	DOK7	0.704050159	0
DOCK9-AS2	ZMAT3	0.348071582	8.13E-14
DOCK9-AS2	MFAP2	0.520260441	0
DOCK9-AS2	TMEM79	0.581960728	0
DOCK9-AS2	SLC1A5	0.436264492	0
DOCK9-AS2	BBC3	0.483232014	0
DOCK9-AS2	HLA-DQB2	0.164362286	0.000553875
DOCK9-AS2	C1QL1	0.70843704	0
DOCK9-AS2	TMEM215	0.524686859	2.01E-32
DOCK9-AS2	PNP	0.430803337	0
DOCK9-AS2	ARNTL	0.64245625	0
DOCK9-AS2	CLDN2	0.465739896	5.10E-25
DOCK9-AS2	MVP	0.446081324	0
DOCK9-AS2	LGALS1	0.390755907	0
DOCK9-AS2	BIRC7	0.463059131	1.03E-24
DOCK9-AS2	COL8A1	0.491236877	0
DOCK9-AS2	PERP	0.464404412	0
DOCK9-AS2	GJA4	0.545932111	0
DOCK9-AS2	IGFL2	0.452464889	1.53E-23
DOCK9-AS2	DAPK2	0.73201335	0
DOCK9-AS2	MAMLD1	0.61417804	0
DOCK9-AS2	ETV5	0.533214001	0
DOCK9-AS2	RUNX1	0.380658947	4.26E-17

DOCK9-AS2	LONRF2	0.608595756	0
DOCK9-AS2	SPOCK1	0.356770879	1.65E-14
DOCK9-AS2	XKRX	0.580532712	0
DOCK9-AS2	TGFB1	0.471394287	0
DOCK9-AS2	ERP27	0.370328098	1.01E-15
DOCK9-AS2	TNFRSF10C	0.302838728	1.14E-10
DOCK9-AS2	PALM	0.761629226	0
DOCK9-AS2	TSC22D1	0.694199854	0
DOCK9-AS2	TGM2	0.228244595	1.44E-06
DOCK9-AS2	UBE2QL1	0.599865113	0
DOCK9-AS2	ECE1	0.664395192	0
DOCK9-AS2	COL8A2	0.532656723	0
DOCK9-AS2	HIST3H2A	0.41261542	0
DOCK9-AS2	TNFRSF21	0.388863941	0
DOCK9-AS2	SOX4	0.503663086	0
DOCK9-AS2	ELF3	0.473372915	0
DOCK9-AS2	TPD52L1	0.655539449	0
DOCK9-AS2	INHBB	0.689949988	0
DOCK9-AS2	HPN	0.54003892	0
DOCK9-AS2	MMP7	0.212566057	7.04E-06
DOCK9-AS2	RAB27A	0.635285816	0
DOCK9-AS2	IGF2BP2	0.604089023	0
DOCK9-AS2	ITGB4	0.482741683	0
DOCK9-AS2	PPP1R1B	0.671124797	0
DOCK9-AS2	NPDC1	0.560786998	0
DOCK9-AS2	CCL13	0.389536175	2.34E-17
DOCK9-AS2	SPINT1	0.532575876	0
DOCK9-AS2	HEY2	0.553398418	0
DOCK9-AS2	CST2	0.392217724	1.35E-17
DOCK9-AS2	ADM	0.315114023	1.82E-11
DOCK9-AS2	VSTM2L	0.175238641	0.000229226
DOCK9-AS2	FAM84A	0.391843372	0
DOCK9-AS2	P4HA2	0.395434121	0
DOCK9-AS2	LPL	0.518204796	0
DOCK9-AS2	TMEM173	0.418110758	0
DOCK9-AS2	DHRS3	0.79749232	0
DOCK9-AS2	SCN1B	0.48988602	0
DOCK9-AS2	GLT1D1	0.551540351	0
DOCK9-AS2	PHYHIP	0.496543713	0
DOCK9-AS2	BHLHE40	0.392229453	0
DOCK9-AS2	BID	0.72274018	0
DOCK9-AS2	POSTN	0.08395127	0.078911708
DOCK9-AS2	ITGA3	0.468642222	0
DOCK9-AS2	RSP04	0.64534292	0
DOCK9-AS2	ADAMTS9	0.523227107	0
DOCK9-AS2	ABTB2	0.55839534	0
DOCK9-AS2	KCNQ3	0.521541514	0
DOCK9-AS2	ANXA1	0.652720578	0
DOCK9-AS2	S100A11	0.443646406	0
DOCK9-AS2	CEACAM6	0.313998675	1.68E-11
DOCK9-AS2	IER5L	0.540161042	0

DOCK9-AS2	KRT80	0.412520531	0
DOCK9-AS2	CDH6	0.340458333	3.06E-13
DOCK9-AS2	UNC5B	0.320046267	8.51E-12
DOCK9-AS2	PLEKHN1	0.604341493	0
DOCK9-AS2	SYTL1	0.507159797	0
DOCK9-AS2	TMEM163	0.55207224	0
DOCK9-AS2	C4orf48	0.377596116	1.44E-16
DOCK9-AS2	B3GNT7	0.47231864	0
DOCK9-AS2	BAIAP3	0.763730543	0
DOCK9-AS2	PHLDA2	0.415672436	0
DOCK9-AS2	GAP43	0.641805518	2.49E-52
DOCK9-AS2	S100A1	0.367717869	1.81E-15
DOCK9-AS2	PTPRE	0.585005404	0
DOCK9-AS2	CCND1	0.466525019	0
DOCK9-AS2	ST6GALNAC5	0.424243529	1.32E-20
DOCK9-AS2	KRT17	0.332283833	1.20E-12
DOCK9-AS2	HPCAL4	0.698070164	0
DOCK9-AS2	GABBR2	0.356631879	1.69E-14
DOCK9-AS2	DIRAS3	0.620924239	0
DOCK9-AS2	SERINC2	0.349604842	6.18E-14
DOCK9-AS2	PTCHD4	0.377763626	1.36E-16
DOCK9-AS2	EPS8	0.619824008	0
DOCK9-AS2	LY6E	0.622395232	0
DOCK9-AS2	UPP1	0.594112766	0
DOCK9-AS2	AHNAK2	0.36734115	1.96E-15
DOCK9-AS2	PLXNC1	0.515887461	0
DOCK9-AS2	TNC	0.204994227	1.56E-05
DOCK9-AS2	DUSP4	0.439863184	0
DOCK9-AS2	NRCAM	0.540521308	0
DOCK9-AS2	NRP2	0.582984792	0
DOCK9-AS2	CTSC	0.411621709	0
DOCK9-AS2	AMIGO2	0.628343739	0
DOCK9-AS2	NAB2	0.684267142	0
DOCK9-AS2	TBC1D2	0.532836856	0
DOCK9-AS2	PHLDA3	0.398703183	0
DOCK9-AS2	PTP4A3	0.438071923	0
DOCK9-AS2	CRABP2	0.322535083	5.76E-12
DOCK9-AS2	GOS2	0.442469299	0
DOCK9-AS2	S100A6	0.522072411	0
DOCK9-AS2	FOXQ1	0.507830261	0
DOCK9-AS2	LRG1	0.567783965	0
DOCK9-AS2	LAMP5	0.431372955	0
DOCK9-AS2	ALDH3B1	0.534507272	0
DOCK9-AS2	CDH2	0.366389848	2.41E-15
DOCK9-AS2	SCG5	0.510587291	0
DOCK9-AS2	ZCCHC16	0.644993312	5.36E-53
DOCK9-AS2	GRB7	0.720417739	0
DOCK9-AS2	TIAM1	0.569839894	0
DOCK9-AS2	FXYD5	0.412968736	0
DOCK9-AS2	CLDN9	0.529929195	0
DOCK9-AS2	FAM43A	0.638063129	0

DOCK9-AS2	CHST2	0.661415762	0
DOCK9-AS2	HMG2	0.499697887	0
DOCK9-AS2	GALNT7	0.489837086	0
DOCK9-AS2	CBLN1	0.439289878	0
DOCK9-AS2	STRA6	0.585623814	0
DOCK9-AS2	MUC21	0.399508637	2.98E-18
DOCK9-AS2	PRR36	0.603517277	0
DOCK9-AS2	NFE2L3	0.316871669	1.39E-11
DOCK9-AS2	NR1D1	0.3696921	1.16E-15
DOCK9-AS2	MUC1	0.342482065	2.16E-13
DOCK9-AS2	NAT8L	0.591294746	0
DOCK9-AS2	APOC1	0.535534031	0
DOCK9-AS2	EVA1A	0.604501911	0
DOCK9-AS2	ENTPD1	0.570753609	0
DOCK9-AS2	COL1A1	0.251265329	1.05E-07
DOCK9-AS2	FNDC4	0.368466202	1.53E-15
DOCK9-AS2	FRMD3	0.485380989	0
DOCK9-AS2	SHROOM4	0.61139789	0
DOCK9-AS2	NELL2	0.615469609	0
DOCK9-AS2	EPHB3	0.500055458	0
DOCK9-AS2	TMC6	0.600442106	0
DOCK9-AS2	NOD1	0.776866931	0
DOCK9-AS2	GGCT	0.737064737	0
DOCK9-AS2	ICAM1	0.442463484	0
DOCK9-AS2	PRSS23	0.493641441	0
DOCK9-AS2	CFI	0.475345302	0
DOCK9-AS2	CD55	0.503630038	0
DOCK9-AS2	RASD2	0.696065012	0
DOCK9-AS2	KLK11	0.596355253	1.26E-43
DOCK9-AS2	ICAM5	0.738308223	0
DOCK9-AS2	ADORA1	0.384275085	0
DOCK9-AS2	ITGA2	0.418522369	0
DOCK9-AS2	ABCC3	0.600593872	0
DOCK9-AS2	MFGE8	0.520456035	0
DOCK9-AS2	STK32A	0.411954743	0
DOCK9-AS2	CYSLTR2	0.645754673	0
DOCK9-AS2	LAD1	0.594696426	0
DOCK9-AS2	MGAT3	0.541954998	0
DOCK9-AS2	IGFBP6	0.581473376	0
DOCK9-AS2	CYP2S1	0.456668615	0
DOCK9-AS2	KCNJ2	0.45556342	0
DOCK9-AS2	FAM20A	0.442598655	0
DOCK9-AS2	TGFA	0.58851644	0
DOCK9-AS2	MXRA8	0.738955284	0
DOCK9-AS2	C8orf4	0.284799882	1.46E-09
DOCK9-AS2	CLDN10	0.54458909	2.88E-35
DOCK9-AS2	PDE5A	0.630562072	0
DOCK9-AS2	APOE	0.572532814	0
DOCK9-AS2	SPOCK2	0.491444242	0
DOCK9-AS2	TENM1	0.525847122	0
DOCK9-AS2	SLIT1	0.436910419	0

DOCK9-AS2	CXCL14	0.431782723	0
DOCK9-AS2	ECM1	0.249957165	1.23E-07
DOCK9-AS2	DUSP5	0.55188459	0
DOCK9-AS2	SEZ6L2	0.395291149	0
DOCK9-AS2	THRSP	0.243117637	2.74E-07
DOCK9-AS2	C19orf33	0.505372365	0
DOCK9-AS2	MPZL2	0.527360666	0
DOCK9-AS2	CTSH	0.668555843	0
DOCK9-AS2	CYP1B1	0.511639297	0
DOCK9-AS2	ALOX5	0.249920146	1.24E-07
DOCK9-AS2	SYTL5	0.619739283	6.30E-48
DOCK9-AS2	TNFRSF12A	0.668153593	0
DOCK9-AS2	DUSP6	0.613808979	0
DOCK9-AS2	ALOX15B	0.426079026	0
DOCK9-AS2	SDC4	0.791704088	0
DOCK9-AS2	MDK	0.684058641	0
DOCK9-AS2	KRT19	0.487683147	0
DOCK9-AS2	MET	0.551921751	0
DOCK9-AS2	TESC	0.657288868	0
DOCK9-AS2	CXCL17	0.411970927	2.05E-19
DOCK9-AS2	NPC2	0.644874573	0
DOCK9-AS2	COMP	0.461005852	0
DOCK9-AS2	TUSC3	0.645290724	0
DOCK9-AS2	TMPRSS4	0.512872429	0
DOCK9-AS2	LGALS3	0.587551381	0
DOCK9-AS2	CRLF1	0.485483253	0
DOCK9-AS2	CTXN1	0.670258739	0
DOCK9-AS2	PCSK1N	0.396775758	0
DOCK9-AS2	NMU	0.453963987	1.05E-23
DOCK9-AS2	GALE	0.64435318	0
DOCK9-AS2	PCSK2	0.254691121	6.99E-08
DOCK9-AS2	GJB3	0.712280684	0
DOCK9-AS2	SLPI	0.297419699	2.50E-10
DOCK9-AS2	AGR2	0.471423931	0
DOCK9-AS2	MRC2	0.533013443	0
DOCK9-AS2	GOLT1A	0.699314927	0
DOCK9-AS2	SLC27A6	0.592783631	5.31E-43
DOCK9-AS2	KCNN4	0.463822596	0
DOCK9-AS2	ETV4	0.746616927	2.26E-79
DOCK9-AS2	SYT12	0.701197815	0
DOCK9-AS2	PVRL4	0.549912345	0
DOCK9-AS2	PLCD3	0.686733831	0
DOCK9-AS2	PLAU	0.284568404	1.50E-09
DOCK9-AS2	LRRK2	0.38338378	8.80E-19
DOCK9-AS2	SFN	0.417495326	0
DOCK9-AS2	LPAR5	0.649563	0
DOCK9-AS2	NGEF	0.563349285	0
DOCK9-AS2	DTX4	0.64865042	0
DOCK9-AS2	CST6	0.705156347	0
DOCK9-AS2	QPCT	0.624458111	0
DOCK9-AS2	TIMP1	0.676205403	0

DOCK9-AS2	CAMK2N1	0.662135585	0
DOCK9-AS2	KLHDC8A	0.432470065	0
DOCK9-AS2	PDLIM4	0.661641708	0
DOCK9-AS2	SCEL	0.444680398	0
DOCK9-AS2	LCN2	0.344988894	1.40E-13
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DOCK9-AS2	GABRB2	0.643268977	0
DOCK9-AS2	TMPRSS6	0.624820505	0
DOCK9-AS2	KLK7	0.578292266	1.54E-40
DOCK9-AS2	PDZK1IP1	0.262774845	2.59E-08
DOCK9-AS2	CDH3	0.661665111	0
DOCK9-AS2	LRP4	0.57657574	0
DOCK9-AS2	IGSF1	0.515366777	0
DOCK9-AS2	B3GNT3	0.429241001	0
DOCK9-AS2	CLDN1	0.44651265	0
DOCK9-AS2	GDF15	0.44715574	0
DOCK9-AS2	ARHGAP36	0.470712777	1.37E-25
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DOCK9-AS2	DPP4	0.442888144	0
DOCK9-AS2	METTL7B	0.679315466	0
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DOCK9-AS2	CLDN16	0.386347041	0
DOCK9-AS2	CHI3L1	0.367306399	1.98E-15
DOCK9-AS2	SLC22A31	0.644144837	8.08E-53
DOCK9-AS2	TACSTD2	0.619119078	0
DOCK9-AS2	SFTPB	0.396176071	0
DOCK9-AS2	RXRG	0.693863133	0
DOCK9-AS2	DCSTAMP	0.603200523	7.53E-45
DOCK9-AS2	CITED1	0.54751629	0
DOCK9-AS2	SERPINA1	0.590411952	0
DOCK9-AS2	PRR15	0.711911624	0
DOCK9-AS2	SLC34A2	0.454748991	0
DOCK9-AS2	FN1	0.389229739	0
DOCK9-AS2	ZCCHC12	0.648949696	0
RP11-350J20.12	TFF3	-0.490349552	6.17E-28
RP11-350J20.12	CCL21	-0.32170389	5.00E-12
RP11-350J20.12	TPO	-0.518932648	1.24E-31
RP11-350J20.12	MT1G	-0.499162975	4.86E-29
RP11-350J20.12	DI01	-0.511420452	1.25E-30
RP11-350J20.12	DPT	-0.304591841	7.07E-11
RP11-350J20.12	CDH16	-0.519543192	1.02E-31
RP11-350J20.12	CRABP1	-0.589927242	1.66E-42
RP11-350J20.12	SLC26A7	-0.627510569	1.94E-49
RP11-350J20.12	MT1H	-0.491284125	4.73E-28
RP11-350J20.12	SLC26A4	-0.622846704	1.59E-48
RP11-350J20.12	SLC5A8	-0.639216779	8.53E-52
RP11-350J20.12	PKHD1L1	-0.469957375	1.67E-25
RP11-350J20.12	TFCP2L1	-0.618653034	1.02E-47
RP11-350J20.12	WSCD2	-0.587017239	5.24E-42
RP11-350J20.12	IPCEF1	-0.566708913	1.17E-38

RP11-350J20.12	SLC5A5	-0.362173563	4.72E-15
RP11-350J20.12	MT1F	-0.44755565	5.20E-23
RP11-350J20.12	FOSB	-0.28603095	1.04E-09
RP11-350J20.12	SEMA3D	-0.533195386	1.29E-33
RP11-350J20.12	BMP8A	-0.56315607	4.26E-38
RP11-350J20.12	MATN2	-0.648930108	7.85E-54
RP11-350J20.12	PLA2R1	-0.560709071	1.03E-37
RP11-350J20.12	COL23A1	-0.604817178	3.84E-45
RP11-350J20.12	HGD	-0.610502068	3.47E-46
RP11-350J20.12	TCEAL2	-0.45263184	1.47E-23
RP11-350J20.12	CHRD1	-0.287115033	8.90E-10
RP11-350J20.12	TNFRSF11B	-0.45269127	1.45E-23
RP11-350J20.12	FAM167A	-0.631658709	2.92E-50
RP11-350J20.12	KIT	-0.554302435	1.00E-36
RP11-350J20.12	SLC4A4	-0.672294467	4.78E-59
RP11-350J20.12	SMOC2	-0.426798497	7.33E-21
RP11-350J20.12	FHL1	-0.606397189	1.98E-45
RP11-350J20.12	OTOS	-0.459282437	2.72E-24
RP11-350J20.12	IGFBPL1	-0.651773213	1.93E-54
RP11-350J20.12	HBB	-0.354594651	1.88E-14
RP11-350J20.12	BEX1	-0.476347036	3.01E-26
RP11-350J20.12	FABP4	-0.539543641	1.58E-34
RP11-350J20.12	LMOD1	-0.599205832	3.92E-44
RP11-350J20.12	SOD3	-0.482922033	4.96E-27
RP11-350J20.12	TMEM171	-0.449784998	2.99E-23
RP11-350J20.12	PI16	-0.312748869	2.04E-11
RP11-350J20.12	ZMAT4	-0.568456427	6.14E-39
RP11-350J20.12	MFAP4	-0.328067151	1.79E-12
RP11-350J20.12	CWH43	-0.506004896	6.43E-30
RP11-350J20.12	SPX	-0.660861781	1.95E-56
RP11-350J20.12	APOD	-0.120314141	0.01164099
RP11-350J20.12	DPP6	-0.549448294	5.45E-36
RP11-350J20.12	MMRN1	-0.462186086	1.29E-24
RP11-350J20.12	WDR72	-0.61702799	2.07E-47
RP11-350J20.12	MPPED2	-0.681527874	3.05E-61
RP11-350J20.12	PAPSS2	-0.483179612	4.62E-27
RP11-350J20.12	DCN	-0.178123571	0.000175776
RP11-350J20.12	SORBS2	-0.640671132	4.27E-52
RP11-350J20.12	EGR2	-0.315372315	1.36E-11
RP11-350J20.12	EDN3	-0.523447624	2.99E-32
RP11-350J20.12	DIO2	-0.670829274	1.05E-58
RP11-350J20.12	ITPR1	-0.627706874	1.78E-49
RP11-350J20.12	CFD	-0.201772174	2.05E-05
RP11-350J20.12	CPXM1	-0.400180717	2.59E-18
RP11-350J20.12	ELMO1	-0.611851946	1.95E-46
RP11-350J20.12	GPC3	-0.430527236	3.09E-21
RP11-350J20.12	MYOC	-0.302134421	1.02E-10
RP11-350J20.12	DEPTOR	-0.524391731	2.21E-32
RP11-350J20.12	DGKI	-0.483808737	3.88E-27
RP11-350J20.12	CARTPT	-0.482599619	5.43E-27
RP11-350J20.12	IYD	-0.532426602	1.66E-33

RP11-350J20.12	LYVE1	-0.359719917	7.41E-15
RP11-350J20.12	CLCNKB	-0.553638631	1.27E-36
RP11-350J20.12	NCAM1	-0.471304178	1.17E-25
RP11-350J20.12	HBA2	-0.254811856	6.19E-08
RP11-350J20.12	GLT8D2	-0.53061738	2.99E-33
RP11-350J20.12	OGDHL	-0.597480153	7.94E-44
RP11-350J20.12	LIFR	-0.711643323	5.29E-69
RP11-350J20.12	CSGALNACT1	-0.415556939	9.31E-20
RP11-350J20.12	RAP1GAP	-0.597118535	9.21E-44
RP11-350J20.12	COL9A3	-0.514118859	5.49E-31
RP11-350J20.12	FBLN1	-0.172355776	0.000285464
RP11-350J20.12	EFEMP1	-0.318919911	7.78E-12
RP11-350J20.12	AOX1	-0.515033169	4.14E-31
RP11-350J20.12	GRIN2C	-0.512643029	8.63E-31
RP11-350J20.12	C11orf74	-0.528776528	5.43E-33
RP11-350J20.12	PPARGC1A	-0.615007358	4.99E-47
RP11-350J20.12	ANGPTL1	-0.6140625	7.52E-47
RP11-350J20.12	SCARA5	-0.280846759	2.12E-09
RP11-350J20.12	LTF	-0.503766771	1.25E-29
RP11-350J20.12	CA4	-0.572705342	1.27E-39
RP11-350J20.12	TG	-0.630334646	5.36E-50
RP11-350J20.12	FCGBP	-0.481716618	6.93E-27
RP11-350J20.12	PBX4	-0.480976434	8.50E-27
RP11-350J20.12	CYR61	-0.314503129	1.56E-11
RP11-350J20.12	FOS	-0.312434555	2.14E-11
RP11-350J20.12	KHDRBS2	-0.497176313	8.68E-29
RP11-350J20.12	MUM1L1	-0.384577481	6.36E-17
RP11-350J20.12	RGS16	-0.525748558	1.44E-32
RP11-350J20.12	MT1M	-0.418770647	4.55E-20
RP11-350J20.12	LRP2	-0.508187241	3.34E-30
RP11-350J20.12	MAFB	-0.471840328	1.01E-25
RP11-350J20.12	KCNK2	-0.458373607	3.43E-24
RP11-350J20.12	TBC1D4	-0.66686907	8.57E-58
RP11-350J20.12	MIOX	-0.519995463	8.86E-32
RP11-350J20.12	TPPP	-0.609238641	5.95E-46
RP11-350J20.12	FMOD	-0.571431428	2.04E-39
RP11-350J20.12	CITED2	-0.351021738	3.56E-14
RP11-350J20.12	RGS8	-0.579218744	1.08E-40
RP11-350J20.12	ABI3BP	-0.475293459	4.01E-26
RP11-350J20.12	ADH1B	-0.3621287	4.75E-15
RP11-350J20.12	OGN	-0.273410231	5.76E-09
RP11-350J20.12	NR4A1	-0.238170149	4.45E-07
RP11-350J20.12	FOXJ1	-0.524240047	2.32E-32
RP11-350J20.12	ALDH1A1	-0.596818334	1.04E-43
RP11-350J20.12	OCA2	-0.409342934	3.64E-19
RP11-350J20.12	TMEM139	-0.328654788	1.62E-12
RP11-350J20.12	ARHGAP24	-0.630865761	4.20E-50
RP11-350J20.12	SLC25A15	-0.601087249	1.81E-44
RP11-350J20.12	DES	-0.193782839	4.36E-05
RP11-350J20.12	GDF10	-0.481678633	7.00E-27
RP11-350J20.12	KIAA1324	-0.542714153	5.44E-35

RP11-350J20.12	JUN	-0.347344218	6.81E-14
RP11-350J20.12	C7	-0.149067585	0.001736648
RP11-350J20.12	LGI3	-0.643500386	1.10E-52
RP11-350J20.12	CDON	-0.719133747	4.33E-71
RP11-350J20.12	BCL2	-0.623938223	9.74E-49
RP11-350J20.12	HLF	-0.681171292	3.72E-61
RP11-350J20.12	EGR1	-0.388063802	3.15E-17
RP11-350J20.12	IP6K3	-0.509783705	2.06E-30
RP11-350J20.12	SCUBE3	-0.501385302	2.53E-29
RP11-350J20.12	PKNOX2	-0.513312011	7.03E-31
RP11-350J20.12	SMAD9	-0.42979356	3.67E-21
RP11-350J20.12	IQGAP2	-0.61448298	6.27E-47
RP11-350J20.12	GNA14	-0.566130992	1.44E-38
RP11-350J20.12	LAYN	-0.490056159	6.71E-28
RP11-350J20.12	AVPR1A	-0.671166921	8.76E-59
RP11-350J20.12	PDLIM3	-0.438773502	4.40E-22
RP11-350J20.12	GPM6A	-0.559583582	1.54E-37
RP11-350J20.12	SDPR	-0.557445294	3.30E-37
RP11-350J20.12	CRYAB	-0.332862784	8.09E-13
RP11-350J20.12	FOXA2	-0.300803113	1.24E-10
RP11-350J20.12	C8orf88	-0.586798786	5.71E-42
RP11-350J20.12	ISM1	-0.487665541	1.32E-27
RP11-350J20.12	BMP2	-0.219232573	3.54E-06
RP11-350J20.12	ID4	-0.493108312	2.81E-28
RP11-350J20.12	NUPR1	-0.409440931	3.57E-19
RP11-350J20.12	SERTM1	-0.483929735	3.75E-27
RP11-350J20.12	IRS1	-0.662932837	6.70E-57
RP11-350J20.12	FIBIN	-0.343358909	1.36E-13
RP11-350J20.12	PODN	-0.210563328	8.62E-06
RP11-350J20.12	TDRD9	-0.408020631	4.85E-19
RP11-350J20.12	EPHA3	-0.452620422	1.47E-23
RP11-350J20.12	AIF1L	-0.366921558	1.95E-15
RP11-350J20.12	EBF4	-0.491632127	4.28E-28
RP11-350J20.12	ADM2	-0.446901349	6.10E-23
RP11-350J20.12	GSTM3	-0.580744833	6.00E-41
RP11-350J20.12	HSD17B6	-0.253657006	7.13E-08
RP11-350J20.12	AGR3	-0.259571659	3.43E-08
RP11-350J20.12	EPHB1	-0.618277517	1.20E-47
RP11-350J20.12	TMOD1	-0.467220362	3.45E-25
RP11-350J20.12	WASF3	-0.666891055	8.47E-58
RP11-350J20.12	SELV	-0.496604126	1.02E-28
RP11-350J20.12	ENPP1	-0.481907675	6.57E-27
RP11-350J20.12	SYNE1	-0.656872382	1.49E-55
RP11-350J20.12	PLCH1	-0.587287066	4.71E-42
RP11-350J20.12	CCDC146	-0.613150336	1.11E-46
RP11-350J20.12	SLC16A2	-0.620119361	5.33E-48
RP11-350J20.12	IER2	-0.358178628	9.82E-15
RP11-350J20.12	KCNAB1	-0.511581509	1.19E-30
RP11-350J20.12	SYNDIG1	-0.535208624	6.67E-34
RP11-350J20.12	C16orf89	-0.57629252	3.28E-40
RP11-350J20.12	CTGF	-0.196165933	3.49E-05

RP11-350J20.12	NR4A3	-0.148735186	0.001778888
RP11-350J20.12	KIAA1456	-0.595163645	2.03E-43
RP11-350J20.12	AQP4	-0.56291076	4.66E-38
RP11-350J20.12	RNF150	-0.595805039	1.57E-43
RP11-350J20.12	C1S	-0.119779268	0.012020324
RP11-350J20.12	PFKFB2	-0.68598125	2.49E-62
RP11-350J20.12	PROX1	-0.595066273	2.12E-43
RP11-350J20.12	TCF7L1	-0.601107249	1.79E-44
RP11-350J20.12	HSPB6	-0.340784539	2.12E-13
RP11-350J20.12	FHDC1	-0.562216673	5.98E-38
RP11-350J20.12	PRR15L	-0.628701871	1.13E-49
RP11-350J20.12	SLC1A1	-0.515096056	4.06E-31
RP11-350J20.12	BTBD11	-0.683184265	1.21E-61
RP11-350J20.12	TRIM58	-0.532266466	1.75E-33
RP11-350J20.12	LRIG1	-0.625704255	4.40E-49
RP11-350J20.12	ROR2	-0.28356381	1.46E-09
RP11-350J20.12	GPR125	-0.59014951	1.52E-42
RP11-350J20.12	FLRT1	-0.613849387	8.24E-47
RP11-350J20.12	PGF	-0.40815864	4.71E-19
RP11-350J20.12	DUSP1	-0.250344083	1.07E-07
RP11-350J20.12	PLA2G7	-0.331910125	9.48E-13
RP11-350J20.12	PLSCR4	-0.581228999	4.98E-41
RP11-350J20.12	FAM46B	-0.338294634	3.25E-13
RP11-350J20.12	GLDC	-0.399849878	2.77E-18
RP11-350J20.12	ZBTB16	-0.525672249	1.47E-32
RP11-350J20.12	OMD	-0.19729364	3.14E-05
RP11-350J20.12	HSD11B2	-0.603631762	6.29E-45
RP11-350J20.12	FGL2	-0.260252996	3.15E-08
RP11-350J20.12	CLCNKA	-0.606933644	1.58E-45
RP11-350J20.12	GATM	-0.655309085	3.29E-55
RP11-350J20.12	TNS3	-0.535623289	5.82E-34
RP11-350J20.12	TOB1	-0.323719231	3.62E-12
RP11-350J20.12	MARC2	-0.678326223	1.80E-60
RP11-350J20.12	LRRC2	-0.559034312	1.88E-37
RP11-350J20.12	SORD	-0.406784508	6.34E-19
RP11-350J20.12	RIMS4	-0.584986657	1.16E-41
RP11-350J20.12	SLC29A4	-0.477340686	2.30E-26
RP11-350J20.12	SLC39A14	-0.695786054	8.51E-65
RP11-350J20.12	FAXDC2	-0.602515847	1.00E-44
RP11-350J20.12	HSPB8	-0.255495376	5.69E-08
RP11-350J20.12	CCL19	0.036806046	0.441754245
RP11-350J20.12	KCNIP3	-0.585716629	8.72E-42
RP11-350J20.12	CGNL1	-0.595228324	1.98E-43
RP11-350J20.12	ATF3	-0.00656897	0.890837722
RP11-350J20.12	SGCD	-0.303669286	8.11E-11
RP11-350J20.12	STARD13	-0.521639991	5.29E-32
RP11-350J20.12	LDHD	-0.623883899	9.97E-49
RP11-350J20.12	RCAN1	-0.288790065	7.03E-10
RP11-350J20.12	ID3	-0.260312994	3.12E-08
RP11-350J20.12	SYTL3	-0.656858246	1.50E-55
RP11-350J20.12	MT1E	-0.290628506	5.42E-10

RP11-350J20.12	CAMK1D	-0.638929709	9.77E-52
RP11-350J20.12	PRKCQ	-0.69013634	2.31E-63
RP11-350J20.12	NUAK2	-0.345623716	9.20E-14
RP11-350J20.12	LIPG	-0.561605562	7.46E-38
RP11-350J20.12	SLC25A25	-0.356060766	1.44E-14
RP11-350J20.12	PRKX	-0.297613772	1.98E-10
RP11-350J20.12	SRPX	-0.23330076	7.71E-07
RP11-350J20.12	FAM189A1	-0.630738461	4.45E-50
RP11-350J20.12	PLEKHH1	-0.515079603	4.08E-31
RP11-350J20.12	WNT11	-0.43544682	9.72E-22
RP11-350J20.12	SNAI1	-0.305869911	5.83E-11
RP11-350J20.12	FDCSP	-0.062106727	0.194004182
RP11-350J20.12	MT1X	-0.393544374	1.03E-17
RP11-350J20.12	ACACB	-0.736622868	3.06E-76
RP11-350J20.12	ARC	-0.217428953	4.27E-06
RP11-350J20.12	KLK4	-0.25647046	5.04E-08
RP11-350J20.12	ZFPM2	-0.39947436	3.00E-18
RP11-350J20.12	AKAP12	-0.414664775	1.13E-19
RP11-350J20.12	GJB6	-0.321694248	5.01E-12
RP11-350J20.12	ERO1LB	-0.53890593	1.96E-34
RP11-350J20.12	DNALI1	-0.428996215	4.41E-21
RP11-350J20.12	HKDC1	-0.425186785	1.06E-20
RP11-350J20.12	ZFP36L2	-0.448947654	3.68E-23
RP11-350J20.12	CAPSL	-0.556048485	5.42E-37
RP11-350J20.12	CYP7B1	-0.568984713	5.05E-39
RP11-350J20.12	CPQ	-0.412904842	1.67E-19
RP11-350J20.12	RPS6KA6	-0.625572013	4.67E-49
RP11-350J20.12	TLE1	-0.446318888	7.04E-23
RP11-350J20.12	TP53INP2	-0.574192033	7.26E-40
RP11-350J20.12	KATNAL2	-0.664129458	3.60E-57
RP11-350J20.12	SGPP2	-0.355377246	1.63E-14
RP11-350J20.12	CTH	-0.468957601	2.18E-25
RP11-350J20.12	KIF12	-0.234201648	6.97E-07
RP11-350J20.12	TMEM220	-0.629240716	8.84E-50
RP11-350J20.12	CENPJ	-0.38114208	1.26E-16
RP11-350J20.12	FAM155B	-0.55722736	3.57E-37
RP11-350J20.12	WFS1	-0.472394775	8.74E-26
RP11-350J20.12	SELENBP1	-0.610007619	4.29E-46
RP11-350J20.12	SNTA1	-0.523654737	2.80E-32
RP11-350J20.12	FRAS1	-0.179065379	0.000162161
RP11-350J20.12	FBLN7	-0.474767025	4.62E-26
RP11-350J20.12	AGPAT9	-0.541846456	7.30E-35
RP11-350J20.12	GPR83	-0.511467046	1.24E-30
RP11-350J20.12	PRTG	-0.627082926	2.36E-49
RP11-350J20.12	EGR3	-0.169112708	0.000372457
RP11-350J20.12	GRAMD2	-0.31054101	2.87E-11
RP11-350J20.12	HYOU1	-0.562576376	5.26E-38
RP11-350J20.12	FBLN5	-0.339227648	2.77E-13
RP11-350J20.12	ITM2A	-0.550581655	3.68E-36
RP11-350J20.12	SRF	-0.357873604	1.04E-14
RP11-350J20.12	FGFR2	-0.471275385	1.18E-25

RP11-350J20.12	MT1A	-0.243173513	2.49E-07
RP11-350J20.12	MAMDC2	-0.256966738	4.74E-08
RP11-350J20.12	FHL2	-0.320934586	5.65E-12
RP11-350J20.12	FTCDNL1	-0.589310393	2.12E-42
RP11-350J20.12	PKIA	-0.480955229	8.55E-27
RP11-350J20.12	DNAJB4	-0.465621203	5.26E-25
RP11-350J20.12	SLC25A33	-0.525415947	1.60E-32
RP11-350J20.12	EYA2	-0.373063806	6.06E-16
RP11-350J20.12	LPAR1	-0.271185842	7.73E-09
RP11-350J20.12	STX11	-0.356224589	1.40E-14
RP11-350J20.12	ARHGEF28	-0.519559645	1.02E-31
RP11-350J20.12	OR2W3	-0.472405625	8.72E-26
RP11-350J20.12	ALDH1B1	-0.608908569	6.84E-46
RP11-350J20.12	CXCL12	-0.322288648	4.55E-12
RP11-350J20.12	OLFM2	-0.413920406	1.34E-19
RP11-350J20.12	TUB	-0.572826836	1.21E-39
RP11-350J20.12	HTRA3	-0.14453251	0.002400478
RP11-350J20.12	CKB	-0.31833277	8.54E-12
RP11-350J20.12	RGS2	-0.073506137	0.124093986
RP11-350J20.12	SHANK2	-0.591737038	8.07E-43
RP11-350J20.12	CNTFR	-0.59672475	1.08E-43
RP11-350J20.12	CYTH3	-0.642309226	1.95E-52
RP11-350J20.12	PLAC9	-0.27252494	6.48E-09
RP11-350J20.12	WVOX	-0.646433466	2.66E-53
RP11-350J20.12	NPR3	-0.356252602	1.39E-14
RP11-350J20.12	SDC2	-0.307784094	4.37E-11
RP11-350J20.12	KLF15	-0.593828661	3.49E-43
RP11-350J20.12	TMEM164	-0.626056866	3.75E-49
RP11-350J20.12	LONRF3	-0.327000738	2.13E-12
RP11-350J20.12	GBP1	-0.166668191	0.000453722
RP11-350J20.12	ARHGAP6	-0.453673147	1.13E-23
RP11-350J20.12	TMEM119	-0.177601959	0.00018377
RP11-350J20.12	SH3RF1	-0.561459681	7.86E-38
RP11-350J20.12	CRELD2	-0.368766097	1.37E-15
RP11-350J20.12	PCP4	-0.07961562	0.095709045
RP11-350J20.12	GCSH	-0.629033986	9.72E-50
RP11-350J20.12	IMPA2	-0.462794644	1.10E-24
RP11-350J20.12	C1R	-0.054865854	0.251317988
RP11-350J20.12	SUCNR1	-0.393750961	9.88E-18
RP11-350J20.12	SFRP1	-0.490838186	5.37E-28
RP11-350J20.12	UGT8	-0.580352365	6.98E-41
RP11-350J20.12	TLE4	-0.298023614	1.87E-10
RP11-350J20.12	ANTXR1	-0.46334207	9.53E-25
RP11-350J20.12	GPX3	-0.294106246	3.30E-10
RP11-350J20.12	DPY19L2	-0.506597231	5.38E-30
RP11-350J20.12	FAM46C	-0.589372873	2.07E-42
RP11-350J20.12	IL33	-0.300322686	1.33E-10
RP11-350J20.12	PEG3	-0.626019846	3.82E-49
RP11-350J20.12	FAHD2A	-0.518894422	1.25E-31
RP11-350J20.12	PTGDS	-0.10513011	0.027626698
RP11-350J20.12	CHCHD10	-0.360987387	5.87E-15

RP11-350J20.12	CD36	-0.611932085	1.88E-46
RP11-350J20.12	ANKRD37	-0.290446101	5.56E-10
RP11-350J20.12	TSPAN33	-0.51007412	1.89E-30
RP11-350J20.12	PRDM16	-0.54153973	8.09E-35
RP11-350J20.12	UST	-0.649124498	7.14E-54
RP11-350J20.12	NEXN	-0.528981059	5.08E-33
RP11-350J20.12	NUPR1L	-0.21888628	3.67E-06
RP11-350J20.12	SLC24A3	-0.5371972	3.45E-34
RP11-350J20.12	MARC1	-0.589512655	1.96E-42
RP11-350J20.12	MYH11	-0.30233572	9.89E-11
RP11-350J20.12	APOA1	-0.388339408	2.98E-17
RP11-350J20.12	TMEM178B	-0.367051269	1.90E-15
RP11-350J20.12	CAPN6	-0.155260722	0.001100023
RP11-350J20.12	PPM1L	-0.668163915	4.33E-58
RP11-350J20.12	FZD8	-0.498495979	5.91E-29
RP11-350J20.12	RCAN2	-0.636377466	3.25E-51
RP11-350J20.12	COPZ2	-0.492443869	3.40E-28
RP11-350J20.12	GAS1	-0.32639225	2.35E-12
RP11-350J20.12	DACT1	-0.347177274	7.02E-14
RP11-350J20.12	WBSCR17	-0.468401026	2.53E-25
RP11-350J20.12	NCS1	-0.34637929	8.07E-14
RP11-350J20.12	SPIRE2	-0.299468737	1.51E-10
RP11-350J20.12	C15orf52	-0.359288019	8.02E-15
RP11-350J20.12	SPAG5	-0.380016662	1.57E-16
RP11-350J20.12	ARL4D	-0.391398852	1.60E-17
RP11-350J20.12	FAM189A2	-0.370177462	1.05E-15
RP11-350J20.12	MAP1LC3A	-0.477575216	2.16E-26
RP11-350J20.12	KLF6	0.003193495	0.946804168
RP11-350J20.12	ADD3	-0.558063782	2.65E-37
RP11-350J20.12	TSPAN7	-0.53139806	2.32E-33
RP11-350J20.12	KLF9	-0.502926874	1.61E-29
RP11-350J20.12	KCNQ1	-0.671218125	8.52E-59
RP11-350J20.12	MAN1A1	-0.197216035	3.16E-05
RP11-350J20.12	MLF1	-0.349041033	5.05E-14
RP11-350J20.12	RARB	-0.641564999	2.79E-52
RP11-350J20.12	CDC42EP2	-0.345988951	8.64E-14
RP11-350J20.12	FAM3B	-0.210670629	8.53E-06
RP11-350J20.12	GADD45B	-0.138254451	0.003702636
RP11-350J20.12	TMEM47	-0.574995974	5.36E-40
RP11-350J20.12	SDF2L1	-0.303551063	8.26E-11
RP11-350J20.12	CCDC85A	-0.301913963	1.05E-10
RP11-350J20.12	CRYBG3	-0.306610734	5.21E-11
RP11-350J20.12	FBLN2	-0.109013366	0.022349014
RP11-350J20.12	PEBP4	-0.41065514	2.74E-19
RP11-350J20.12	CDADC1	-0.724251637	1.48E-72
RP11-350J20.12	FAM63A	-0.610789008	3.07E-46
RP11-350J20.12	GLUL	-0.373259189	5.84E-16
RP11-350J20.12	FREM2	-0.505984559	6.47E-30
RP11-350J20.12	ACKR3	-0.468195077	2.67E-25
RP11-350J20.12	DENND6A	-0.649999571	4.64E-54
RP11-350J20.12	CLDN8	-0.137577101	0.00387593

RP11-350J20.12	UTS2R	-0.139743403	0.003346126
RP11-350J20.12	SCNN1B	-0.408900243	4.01E-19
RP11-350J20.12	TTC30A	-0.612972116	1.20E-46
RP11-350J20.12	CORO2B	-0.561348054	8.18E-38
RP11-350J20.12	TC2N	-0.314466534	1.56E-11
RP11-350J20.12	ALDH2	-0.666320155	1.14E-57
RP11-350J20.12	GPR183	-0.007028101	0.883260645
RP11-350J20.12	C4orf47	-0.433479732	1.55E-21
RP11-350J20.12	SLC25A42	-0.625134561	5.69E-49
RP11-350J20.12	LGMN	-0.566243328	1.38E-38
RP11-350J20.12	ACSF2	-0.523596796	2.85E-32
RP11-350J20.12	KIAA1467	-0.69729777	3.48E-65
RP11-350J20.12	PRKG1	-0.607249781	1.38E-45
RP11-350J20.12	GNAI1	-0.577570982	2.02E-40
RP11-350J20.12	ABCC4	-0.43028418	3.27E-21
RP11-350J20.12	PRPS1	-0.714189112	1.05E-69
RP11-350J20.12	TSPAN5	-0.297642849	1.97E-10
RP11-350J20.12	CR2	-0.200126733	2.40E-05
RP11-350J20.12	CCDC170	-0.486602744	1.78E-27
RP11-350J20.12	RRAD	0.050327658	0.292734434
RP11-350J20.12	SCGB2A1	-0.361066391	5.78E-15
RP11-350J20.12	SESN3	-0.372538932	6.70E-16
RP11-350J20.12	SGK223	-0.271403068	7.51E-09
RP11-350J20.12	NDRG2	-0.722995585	3.41E-72
RP11-350J20.12	C3orf52	-0.203378637	1.75E-05
RP11-350J20.12	FLRT3	0.391612319	1.53E-17
RP11-350J20.12	MST1R	0.653541635	7.99E-55
RP11-350J20.12	SDC1	0.380804859	1.34E-16
RP11-350J20.12	ST8SIA4	0.472027555	9.64E-26
RP11-350J20.12	UBTD1	0.490316078	6.23E-28
RP11-350J20.12	EPHA2	0.515882409	3.19E-31
RP11-350J20.12	TMEM130	0.306427479	5.36E-11
RP11-350J20.12	SPINK2	0.398797861	3.46E-18
RP11-350J20.12	MMP16	0.638830847	1.02E-51
RP11-350J20.12	SIGLEC15	0.581358781	4.74E-41
RP11-350J20.12	RIN1	0.659140712	4.71E-56
RP11-350J20.12	IL1RN	0.519895519	9.14E-32
RP11-350J20.12	FCER1G	0.313845494	1.72E-11
RP11-350J20.12	CD276	0.667775632	5.31E-58
RP11-350J20.12	CTSB	0.340313068	2.30E-13
RP11-350J20.12	FAM171A2	0.145950541	0.00217149
RP11-350J20.12	ASPHD1	0.623896664	9.92E-49
RP11-350J20.12	C15orf48	0.452866724	1.38E-23
RP11-350J20.12	DYSF	0.098307887	0.039504214
RP11-350J20.12	PDZRN4	0.085966088	0.071957574
RP11-350J20.12	EFHD2	0.435071586	1.06E-21
RP11-350J20.12	ASF1B	0.406199211	7.19E-19
RP11-350J20.12	AQP1	0.102434042	0.031892172
RP11-350J20.12	ARRDC2	0.607860325	1.07E-45
RP11-350J20.12	PRSS1	0.372203537	7.15E-16
RP11-350J20.12	MAPK13	0.528834469	5.33E-33

RP11-350J20.12	CST5	0.729532122	4.19E-74
RP11-350J20.12	AHR	0.480897713	8.68E-27
RP11-350J20.12	BAX	0.642455319	1.82E-52
RP11-350J20.12	C1orf115	0.183954058	0.000106011
RP11-350J20.12	PLK3	0.593639944	3.76E-43
RP11-350J20.12	JAG2	0.37344677	5.63E-16
RP11-350J20.12	RAD23B	0.410132607	3.07E-19
RP11-350J20.12	CA12	-0.082456647	0.084406346
RP11-350J20.12	ADTRP	0.306402444	5.38E-11
RP11-350J20.12	UCP2	0.434169989	1.31E-21
RP11-350J20.12	IGFBP2	0.409776309	3.32E-19
RP11-350J20.12	LOXL2	0.267713492	1.22E-08
RP11-350J20.12	GPX1	0.559746058	1.45E-37
RP11-350J20.12	P3H3	0.593781074	3.55E-43
RP11-350J20.12	C2orf81	0.421372108	2.53E-20
RP11-350J20.12	CDT1	0.498554346	5.81E-29
RP11-350J20.12	SNX25	0.343123741	1.42E-13
RP11-350J20.12	MTHFD1L	0.652249131	1.52E-54
RP11-350J20.12	CDC42BPG	0.590099462	1.55E-42
RP11-350J20.12	MSN	0.429972773	3.52E-21
RP11-350J20.12	SIGLEC6	0.471559831	1.09E-25
RP11-350J20.12	F2R	0.293756188	3.47E-10
RP11-350J20.12	TMEM184A	0.624571249	7.33E-49
RP11-350J20.12	CKS2	0.428682539	4.74E-21
RP11-350J20.12	TAX1BP3	0.724800977	1.02E-72
RP11-350J20.12	PMEPA1	0.493074129	2.84E-28
RP11-350J20.12	CXCL16	0.58640873	6.65E-42
RP11-350J20.12	FAXC	0.723586059	2.30E-72
RP11-350J20.12	VTCN1	0.645802456	3.62E-53
RP11-350J20.12	SH2D4A	0.515664333	3.41E-31
RP11-350J20.12	RNF24	0.381034283	1.28E-16
RP11-350J20.12	LY6G6C	0.572039622	1.63E-39
RP11-350J20.12	NID1	0.337111984	3.97E-13
RP11-350J20.12	STAC	0.69056065	1.81E-63
RP11-350J20.12	RAB34	0.650404946	3.80E-54
RP11-350J20.12	HES4	0.508478436	3.06E-30
RP11-350J20.12	EPHA10	0.572953144	1.16E-39
RP11-350J20.12	ENTPD2	0.451612588	1.90E-23
RP11-350J20.12	DDB2	0.609088647	6.34E-46
RP11-350J20.12	NKAIN4	0.47863014	1.62E-26
RP11-350J20.12	TRIM29	0.586060091	7.63E-42
RP11-350J20.12	ADCY8	0.532209959	1.78E-33
RP11-350J20.12	SFTA2	0.534001294	9.92E-34
RP11-350J20.12	NRIP1	0.412683999	1.76E-19
RP11-350J20.12	VWA1	0.226982916	1.55E-06
RP11-350J20.12	APLNR	0.139456887	0.003412207
RP11-350J20.12	REN	0.502717452	1.71E-29
RP11-350J20.12	EDIL3	0.176181943	0.000207295
RP11-350J20.12	AGRN	0.472299743	8.97E-26
RP11-350J20.12	TREM1	0.572902294	1.18E-39
RP11-350J20.12	SRL	0.432016242	2.18E-21

RP11-350J20.12	RASGRF1	0.57340724	9.74E-40
RP11-350J20.12	RMI2	0.528320304	6.29E-33
RP11-350J20.12	SAMD1	0.573635174	8.95E-40
RP11-350J20.12	MGAT4B	0.605909903	2.43E-45
RP11-350J20.12	NXN	0.681597375	2.93E-61
RP11-350J20.12	SH3BGRL3	0.564144614	2.98E-38
RP11-350J20.12	CA11	0.284879647	1.21E-09
RP11-350J20.12	PLD3	0.330571453	1.18E-12
RP11-350J20.12	LURAP1L	0.415985079	8.47E-20
RP11-350J20.12	CARNS1	0.296973016	2.18E-10
RP11-350J20.12	PDLIM7	0.524758454	1.97E-32
RP11-350J20.12	BCL2L1	0.73522441	8.17E-76
RP11-350J20.12	GGT6	0.331703183	9.81E-13
RP11-350J20.12	DPYSL3	0.511984402	1.06E-30
RP11-350J20.12	FYN	0.535810728	5.47E-34
RP11-350J20.12	TK1	0.426233767	8.35E-21
RP11-350J20.12	AK1	0.328438981	1.68E-12
RP11-350J20.12	HIGD1B	0.066994895	0.161132891
RP11-350J20.12	TMEM59L	0.549617649	5.14E-36
RP11-350J20.12	MEGF9	0.361205038	5.64E-15
RP11-350J20.12	ZFP36L1	0.526840361	1.01E-32
RP11-350J20.12	ADRA1B	0.32873053	1.60E-12
RP11-350J20.12	EPHA4	0.601752543	1.37E-44
RP11-350J20.12	TCERG1L	0.397567979	4.48E-18
RP11-350J20.12	NGFR	0.221547591	2.77E-06
RP11-350J20.12	EBI3	0.532378377	1.69E-33
RP11-350J20.12	S100A10	0.644909197	5.58E-53
RP11-350J20.12	S100B	0.410281892	2.97E-19
RP11-350J20.12	CD44	0.16917994	0.000370426
RP11-350J20.12	BHLHE41	0.364900145	2.84E-15
RP11-350J20.12	FBXO2	0.418222512	5.14E-20
RP11-350J20.12	SLC30A2	0.433014289	1.73E-21
RP11-350J20.12	FRMD5	0.478607233	1.63E-26
RP11-350J20.12	SAMD11	0.33833754	3.22E-13
RP11-350J20.12	SIPA1L2	0.37107913	8.86E-16
RP11-350J20.12	S100A16	0.698535311	1.66E-65
RP11-350J20.12	PPL	0.593563635	3.88E-43
RP11-350J20.12	ARHGD1B	0.389704874	2.26E-17
RP11-350J20.12	CDC42EP3	0.610025916	4.25E-46
RP11-350J20.12	RUNX2	0.394660714	8.19E-18
RP11-350J20.12	LAMC2	0.575710344	4.09E-40
RP11-350J20.12	BRINP1	0.386895974	3.99E-17
RP11-350J20.12	GPRC5B	0.382396146	9.81E-17
RP11-350J20.12	AQP5	0.32830934	1.72E-12
RP11-350J20.12	PLAG1	0.326415441	2.34E-12
RP11-350J20.12	PTPRU	0.633886355	1.04E-50
RP11-350J20.12	ANGPTL4	0.506201076	6.06E-30
RP11-350J20.12	PALM3	0.324749901	3.06E-12
RP11-350J20.12	ACP5	0.446816671	6.23E-23
RP11-350J20.12	DLG4	0.272408349	6.58E-09
RP11-350J20.12	ETNK2	0.459697386	2.44E-24

RP11-350J20.12	CD109	0.562281139	5.85E-38
RP11-350J20.12	SNX22	0.417980606	5.43E-20
RP11-350J20.12	TMEM98	0.575326599	4.73E-40
RP11-350J20.12	CTHRC1	0.423585712	1.53E-20
RP11-350J20.12	S100A2	0.673226842	2.90E-59
RP11-350J20.12	C11orf80	0.630297626	5.45E-50
RP11-350J20.12	SREBF1	0.646896781	2.13E-53
RP11-350J20.12	PRSS22	0.664637666	2.76E-57
RP11-350J20.12	CMTM3	0.604414499	4.54E-45
RP11-350J20.12	RDH5	0.436505645	7.56E-22
RP11-350J20.12	MYH10	0.396126474	6.04E-18
RP11-350J20.12	EVPL	0.599118388	4.07E-44
RP11-350J20.12	SCD	0.418833552	4.48E-20
RP11-350J20.12	CD151	0.598637414	4.95E-44
RP11-350J20.12	S100A4	0.555869752	5.77E-37
RP11-350J20.12	BNIP1	0.369567556	1.18E-15
RP11-350J20.12	MAP3K6	0.557303172	3.48E-37
RP11-350J20.12	MANEAL	0.388308686	3.00E-17
RP11-350J20.12	CD207	0.399351173	3.08E-18
RP11-350J20.12	CD1A	0.434209891	1.30E-21
RP11-350J20.12	C3	0.45975788	2.41E-24
RP11-350J20.12	NT5E	0.576929588	2.58E-40
RP11-350J20.12	CACNG4	0.648566894	9.39E-54
RP11-350J20.12	FHOD1	0.581029006	5.38E-41
RP11-350J20.12	LEMD1	0.55208791	2.18E-36
RP11-350J20.12	ATP11A	0.356675636	1.29E-14
RP11-350J20.12	PPAP2C	0.541821138	7.36E-35
RP11-350J20.12	DRAM1	0.660634556	2.19E-56
RP11-350J20.12	CDA	0.310819014	2.75E-11
RP11-350J20.12	CCND2	0.276169766	3.99E-09
RP11-350J20.12	LCN6	0.291935133	4.50E-10
RP11-350J20.12	CDH4	0.484378999	3.31E-27
RP11-350J20.12	MMP11	0.555047513	7.72E-37
RP11-350J20.12	B3GAT1	0.488097723	1.17E-27
RP11-350J20.12	SPP1	0.30353766	8.27E-11
RP11-350J20.12	HLA-DQB1	0.299163925	1.58E-10
RP11-350J20.12	SDC3	0.571594472	1.92E-39
RP11-350J20.12	CX3CL1	0.553327295	1.41E-36
RP11-350J20.12	SDK1	0.505871088	6.69E-30
RP11-350J20.12	DOCK9	0.449329554	3.35E-23
RP11-350J20.12	CSF2	0.679432396	9.76E-61
RP11-350J20.12	GRHL3	0.691583448	9.98E-64
RP11-350J20.12	TMEM92	0.668972674	2.82E-58
RP11-350J20.12	BASP1	0.722657017	4.27E-72
RP11-350J20.12	HRH1	0.659472969	3.98E-56
RP11-350J20.12	ESM1	0.160294959	0.000749507
RP11-350J20.12	B4GALNT3	0.589659316	1.85E-42
RP11-350J20.12	LMO3	0.419009999	4.31E-20
RP11-350J20.12	C9orf16	0.599713897	3.18E-44
RP11-350J20.12	SEMA3F	0.336891708	4.12E-13
RP11-350J20.12	PLA2G12B	0.225276183	1.86E-06

RP11-350J20.12	KLK6	0.541695181	7.68E-35
RP11-350J20.12	ST3GAL5	0.419967764	3.47E-20
RP11-350J20.12	FAM132B	0.243058899	2.53E-07
RP11-350J20.12	CDKN1A	0.489566532	7.71E-28
RP11-350J20.12	E2F1	0.485761429	2.25E-27
RP11-350J20.12	B3GNT8	0.549607153	5.16E-36
RP11-350J20.12	MTMR11	0.553859403	1.17E-36
RP11-350J20.12	MYO1G	0.623014287	1.47E-48
RP11-350J20.12	TMSB10	0.682280611	2.00E-61
RP11-350J20.12	UNC5CL	0.664882621	2.43E-57
RP11-350J20.12	ABR	0.50001585	3.79E-29
RP11-350J20.12	PLP2	0.615009131	4.99E-47
RP11-350J20.12	SRCIN1	0.320405386	6.15E-12
RP11-350J20.12	PDE9A	0.74491936	7.86E-79
RP11-350J20.12	TREM2	0.36588337	2.36E-15
RP11-350J20.12	KDELR3	0.562195681	6.03E-38
RP11-350J20.12	PC	0.459674834	2.46E-24
RP11-350J20.12	C2CD4A	0.569374202	4.38E-39
RP11-350J20.12	PELI1	0.602181889	1.15E-44
RP11-350J20.12	SSX1	0.428065541	5.47E-21
RP11-350J20.12	MROH6	0.666309021	1.15E-57
RP11-350J20.12	ESPN	0.460357574	2.06E-24
RP11-350J20.12	BMP1	0.492866336	3.01E-28
RP11-350J20.12	TM4SF4	0.532311239	1.72E-33
RP11-350J20.12	CORO2A	0.46030871	2.09E-24
RP11-350J20.12	CD164L2	0.425471506	9.95E-21
RP11-350J20.12	CTSS	0.374765231	4.37E-16
RP11-350J20.12	CLU	0.543350016	4.39E-35
RP11-350J20.12	TMSB4X	0.641348553	3.09E-52
RP11-350J20.12	WNT10A	0.543151106	4.70E-35
RP11-350J20.12	NAPSA	0.635671322	4.53E-51
RP11-350J20.12	PLEKHA4	0.453502161	1.18E-23
RP11-350J20.12	SFTPA1	0.305146252	6.50E-11
RP11-350J20.12	C1orf116	0.623861063	1.01E-48
RP11-350J20.12	TM4SF1	0.624542668	7.42E-49
RP11-350J20.12	SEL1L3	0.5429862	4.97E-35
RP11-350J20.12	VASN	0.652861519	1.12E-54
RP11-350J20.12	NPTXR	0.525683171	1.47E-32
RP11-350J20.12	PDE4C	0.658032386	8.29E-56
RP11-350J20.12	CDC42EP1	0.759799928	9.75E-84
RP11-350J20.12	ENDOD1	0.544782443	2.70E-35
RP11-350J20.12	RYR1	0.612649717	1.38E-46
RP11-350J20.12	IL1RAP	0.548191533	8.40E-36
RP11-350J20.12	SLC35F2	0.54032554	1.22E-34
RP11-350J20.12	ISYNA1	0.50617441	6.11E-30
RP11-350J20.12	HLA-G	0.583743229	1.88E-41
RP11-350J20.12	CDKN2B	0.593410733	4.13E-43
RP11-350J20.12	ALDH1A3	0.615242455	4.51E-47
RP11-350J20.12	CLIP3	0.419465869	3.89E-20
RP11-350J20.12	ULBP2	0.518359053	1.48E-31
RP11-350J20.12	ETHE1	0.713540272	1.59E-69

RP11-350J20.12	XPR1	0.53077709	2.84E-33
RP11-350J20.12	SPTBN2	0.523278865	3.15E-32
RP11-350J20.12	IVL	0.593050564	4.77E-43
RP11-350J20.12	MARCO	0.507214442	4.47E-30
RP11-350J20.12	PLXND1	0.316624963	1.12E-11
RP11-350J20.12	EMILIN2	0.53326352	1.26E-33
RP11-350J20.12	PLAUR	0.661810681	1.20E-56
RP11-350J20.12	CDC42EP5	0.717753799	1.06E-70
RP11-350J20.12	TRPC5	0.222874028	2.41E-06
RP11-350J20.12	TMEM100	0.446576255	6.61E-23
RP11-350J20.12	QSOX1	0.654709108	4.45E-55
RP11-350J20.12	ARHGAP23	0.530877938	2.75E-33
RP11-350J20.12	MDF1	0.612422137	1.53E-46
RP11-350J20.12	FSTL3	0.729366974	4.69E-74
RP11-350J20.12	INF2	0.439029166	4.14E-22
RP11-350J20.12	TGFBR1	0.475269204	4.03E-26
RP11-350J20.12	TGFBI	0.289642941	6.23E-10
RP11-350J20.12	ERBB3	0.636221798	3.50E-51
RP11-350J20.12	CCL18	0.473437785	6.61E-26
RP11-350J20.12	CCL17	0.529504675	4.29E-33
RP11-350J20.12	C16orf45	0.419621182	3.76E-20
RP11-350J20.12	PRDM1	0.335775439	4.97E-13
RP11-350J20.12	TRIM47	0.667773575	5.32E-58
RP11-350J20.12	CNFN	0.557301683	3.48E-37
RP11-350J20.12	ARMCX3	0.292182206	4.34E-10
RP11-350J20.12	RAMP1	0.448987794	3.65E-23
RP11-350J20.12	GABRD	0.175476438	0.000220003
RP11-350J20.12	COL13A1	0.306474214	5.32E-11
RP11-350J20.12	S100A5	0.527002908	9.61E-33
RP11-350J20.12	MISP	0.655362275	3.20E-55
RP11-350J20.12	HES6	0.413478153	1.47E-19
RP11-350J20.12	PSD3	0.369257426	1.25E-15
RP11-350J20.12	DOK7	0.64835396	1.04E-53
RP11-350J20.12	ZMAT3	0.517706311	1.81E-31
RP11-350J20.12	MFAP2	0.463362495	9.48E-25
RP11-350J20.12	TMEM79	0.540226305	1.26E-34
RP11-350J20.12	SLC1A5	0.475964071	3.34E-26
RP11-350J20.12	BBC3	0.657344185	1.18E-55
RP11-350J20.12	HLA-DQB2	0.35364568	2.23E-14
RP11-350J20.12	C1QL1	0.432792311	1.82E-21
RP11-350J20.12	TMEM215	0.282711605	1.64E-09
RP11-350J20.12	PNP	0.505253807	8.04E-30
RP11-350J20.12	ARNTL	0.569650574	3.95E-39
RP11-350J20.12	CLDN2	0.245658986	1.86E-07
RP11-350J20.12	MVP	0.643455494	1.13E-52
RP11-350J20.12	LGALS1	0.609465583	5.40E-46
RP11-350J20.12	BIRC7	0.54991661	4.63E-36
RP11-350J20.12	COL8A1	0.470677819	1.38E-25
RP11-350J20.12	PERP	0.729102729	5.62E-74
RP11-350J20.12	GJA4	0.354878045	1.79E-14
RP11-350J20.12	IGFL2	0.556432143	4.73E-37

RP11-350J20.12	DAPK2	0.606019969	2.32E-45
RP11-350J20.12	MAMLD1	0.575312132	4.76E-40
RP11-350J20.12	ETV5	0.27453919	4.96E-09
RP11-350J20.12	RUNX1	0.638702696	1.09E-51
RP11-350J20.12	LONRF2	0.281829692	1.85E-09
RP11-350J20.12	SPOCK1	0.257054607	4.69E-08
RP11-350J20.12	XKRX	0.520922785	6.62E-32
RP11-350J20.12	TGFB1	0.430333327	3.23E-21
RP11-350J20.12	ERP27	0.419089145	4.23E-20
RP11-350J20.12	TNFRSF10C	0.445509487	8.59E-23
RP11-350J20.12	PALM	0.664328316	3.24E-57
RP11-350J20.12	TSC22D1	0.377652355	2.49E-16
RP11-350J20.12	TGM2	0.583154244	2.37E-41
RP11-350J20.12	UBE2QL1	0.259574015	3.43E-08
RP11-350J20.12	ECE1	0.609779684	4.72E-46
RP11-350J20.12	COL8A2	0.660153865	2.81E-56
RP11-350J20.12	HIST3H2A	0.487606394	1.34E-27
RP11-350J20.12	TNFRSF21	0.585733082	8.67E-42
RP11-350J20.12	SOX4	0.671473576	7.43E-59
RP11-350J20.12	ELF3	0.733473839	2.77E-75
RP11-350J20.12	TPD52L1	0.473310626	6.84E-26
RP11-350J20.12	INHBB	0.492948389	2.94E-28
RP11-350J20.12	HPN	0.499739549	4.11E-29
RP11-350J20.12	MMP7	0.521070693	6.32E-32
RP11-350J20.12	RAB27A	0.517888432	1.71E-31
RP11-350J20.12	IGF2BP2	0.480393477	9.98E-27
RP11-350J20.12	ITGB4	0.698242485	1.98E-65
RP11-350J20.12	PPP1R1B	0.586240935	7.10E-42
RP11-350J20.12	NPDC1	0.470938447	1.29E-25
RP11-350J20.12	CCL13	0.574872601	5.62E-40
RP11-350J20.12	SPINT1	0.695905269	7.93E-65
RP11-350J20.12	HEY2	0.344310929	1.16E-13
RP11-350J20.12	CST2	0.696194546	6.69E-65
RP11-350J20.12	ADM	0.258958223	3.70E-08
RP11-350J20.12	VSTM2L	0.55398727	1.12E-36
RP11-350J20.12	FAM84A	0.64535145	4.51E-53
RP11-350J20.12	P4HA2	0.361720479	5.13E-15
RP11-350J20.12	LPL	0.496212236	1.15E-28
RP11-350J20.12	TMEM173	0.579512539	9.63E-41
RP11-350J20.12	DHRS3	0.636348247	3.30E-51
RP11-350J20.12	SCN1B	0.582180664	3.45E-41
RP11-350J20.12	GLT1D1	0.332508329	8.59E-13
RP11-350J20.12	PHYHIP	0.482340353	5.83E-27
RP11-350J20.12	BHLHE40	0.570227645	3.19E-39
RP11-350J20.12	BID	0.682799598	1.50E-61
RP11-350J20.12	POSTN	0.364945746	2.82E-15
RP11-350J20.12	ITGA3	0.676765218	4.23E-60
RP11-350J20.12	RSP04	0.574880659	5.60E-40
RP11-350J20.12	ADAMTS9	0.210794312	8.42E-06
RP11-350J20.12	ABTB2	0.603992032	5.42E-45
RP11-350J20.12	KCNQ3	0.673363007	2.69E-59

RP11-350J20.12	ANXA1	0.576333369	3.23E-40
RP11-350J20.12	S100A11	0.729417752	4.53E-74
RP11-350J20.12	CEACAM6	0.687787512	8.90E-63
RP11-350J20.12	IER5L	0.566504453	1.26E-38
RP11-350J20.12	KRT80	0.613850735	8.24E-47
RP11-350J20.12	CDH6	0.667142464	7.42E-58
RP11-350J20.12	UNC5B	0.30824748	4.07E-11
RP11-350J20.12	PLEKHN1	0.689965638	2.55E-63
RP11-350J20.12	SYTL1	0.661326303	1.54E-56
RP11-350J20.12	TMEM163	0.687075677	1.34E-62
RP11-350J20.12	C4orf48	0.421254666	2.60E-20
RP11-350J20.12	B3GNT7	0.366146481	2.25E-15
RP11-350J20.12	BAIAP3	0.543267111	4.52E-35
RP11-350J20.12	PHLDA2	0.586363413	6.77E-42
RP11-350J20.12	GAP43	0.616442962	2.67E-47
RP11-350J20.12	S100A1	0.475470331	3.82E-26
RP11-350J20.12	PTPRE	0.642997994	1.40E-52
RP11-350J20.12	CCND1	0.582239953	3.37E-41
RP11-350J20.12	ST6GALNAC5	0.70500131	3.31E-67
RP11-350J20.12	KRT17	0.522287414	4.31E-32
RP11-350J20.12	HPCAL4	0.382456356	9.69E-17
RP11-350J20.12	GABBR2	0.293316418	3.69E-10
RP11-350J20.12	DIRAS3	0.318099445	8.86E-12
RP11-350J20.12	SERINC2	0.561399612	8.03E-38
RP11-350J20.12	PTCHD4	0.54028226	1.23E-34
RP11-350J20.12	EPS8	0.343390468	1.36E-13
RP11-350J20.12	LY6E	0.569319381	4.47E-39
RP11-350J20.12	UPP1	0.798570437	2.14E-98
RP11-350J20.12	AHNAK2	0.651524336	2.18E-54
RP11-350J20.12	PLXNC1	0.313198356	1.90E-11
RP11-350J20.12	TNC	0.457801643	3.97E-24
RP11-350J20.12	DUSP4	0.47743976	2.24E-26
RP11-350J20.12	NRCAM	0.402747073	1.50E-18
RP11-350J20.12	NRP2	0.427227488	6.64E-21
RP11-350J20.12	CTSC	0.625483909	4.86E-49
RP11-350J20.12	AMIGO2	0.549437727	5.47E-36
RP11-350J20.12	NAB2	0.458540976	3.29E-24
RP11-350J20.12	TBC1D2	0.699170535	1.14E-65
RP11-350J20.12	PHLDA3	0.643028914	1.38E-52
RP11-350J20.12	PTP4A3	0.515193428	3.94E-31
RP11-350J20.12	CRABP2	0.363788769	3.50E-15
RP11-350J20.12	GOS2	0.385041009	5.79E-17
RP11-350J20.12	S100A6	0.759212078	1.55E-83
RP11-350J20.12	FOXQ1	0.730893866	1.65E-74
RP11-350J20.12	LRG1	0.619970786	5.69E-48
RP11-350J20.12	LAMP5	0.470501372	1.45E-25
RP11-350J20.12	ALDH3B1	0.695764211	8.62E-65
RP11-350J20.12	CDH2	0.090028273	0.059463253
RP11-350J20.12	SCG5	0.23875034	4.16E-07
RP11-350J20.12	ZCCHC16	0.2331577	7.83E-07
RP11-350J20.12	GRB7	0.736020125	4.67E-76

RP11-350J20.12	TIAM1	0.528826881	5.34E-33
RP11-350J20.12	FXYD5	0.495602827	1.37E-28
RP11-350J20.12	CLDN9	0.486511117	1.82E-27
RP11-350J20.12	FAM43A	0.478838927	1.53E-26
RP11-350J20.12	CHST2	0.645329252	4.55E-53
RP11-350J20.12	HMGA2	0.460986273	1.75E-24
RP11-350J20.12	GALNT7	0.387894872	3.26E-17
RP11-350J20.12	CBLN1	0.658243725	7.45E-56
RP11-350J20.12	STRA6	0.64061773	4.38E-52
RP11-350J20.12	MUC21	0.595577419	1.72E-43
RP11-350J20.12	PRR36	0.552082094	2.18E-36
RP11-350J20.12	NFE2L3	0.588727436	2.67E-42
RP11-350J20.12	NR1D1	0.451448622	1.98E-23
RP11-350J20.12	MUC1	0.685323048	3.62E-62
RP11-350J20.12	NAT8L	0.230696604	1.03E-06
RP11-350J20.12	APOC1	0.349076705	5.02E-14
RP11-350J20.12	EVA1A	0.795663101	3.46E-97
RP11-350J20.12	ENTPD1	0.387623252	3.45E-17
RP11-350J20.12	COL1A1	0.484447365	3.25E-27
RP11-350J20.12	FNDC4	0.616851401	2.24E-47
RP11-350J20.12	FRMD3	0.185865545	8.95E-05
RP11-350J20.12	SHROOM4	0.504467454	1.02E-29
RP11-350J20.12	NELL2	0.380256156	1.50E-16
RP11-350J20.12	EPHB3	0.679588515	8.96E-61
RP11-350J20.12	TMC6	0.652876979	1.11E-54
RP11-350J20.12	NOD1	0.561692367	7.23E-38
RP11-350J20.12	GGCT	0.5973264	8.46E-44
RP11-350J20.12	ICAM1	0.618284112	1.20E-47
RP11-350J20.12	PRSS23	0.625456818	4.92E-49
RP11-350J20.12	CFI	0.589414502	2.03E-42
RP11-350J20.12	CD55	0.759460083	1.27E-83
RP11-350J20.12	RASD2	0.589454359	2.00E-42
RP11-350J20.12	KLK11	0.458157706	3.62E-24
RP11-350J20.12	ICAM5	0.630240891	5.59E-50
RP11-350J20.12	ADORA1	0.424010305	1.39E-20
RP11-350J20.12	ITGA2	0.663086448	6.18E-57
RP11-350J20.12	ABCC3	0.472157621	9.31E-26
RP11-350J20.12	MFGE8	0.534172493	9.38E-34
RP11-350J20.12	STK32A	0.407406753	5.54E-19
RP11-350J20.12	CYSLTR2	0.473997196	5.69E-26
RP11-350J20.12	LAD1	0.57321824	1.05E-39
RP11-350J20.12	MGAT3	0.681478443	3.14E-61
RP11-350J20.12	IGFBP6	0.569871204	3.64E-39
RP11-350J20.12	CYP2S1	0.731069675	1.46E-74
RP11-350J20.12	KCNJ2	0.462884782	1.07E-24
RP11-350J20.12	FAM20A	0.614488228	6.25E-47
RP11-350J20.12	TGFA	0.423586846	1.53E-20
RP11-350J20.12	MXRA8	0.724326882	1.41E-72
RP11-350J20.12	C8orf4	0.554838727	8.31E-37
RP11-350J20.12	CLDN10	0.613053578	1.16E-46
RP11-350J20.12	PDE5A	0.430851322	2.86E-21

RP11-350J20.12	APOE	0.298195594	1.82E-10
RP11-350J20.12	SPOCK2	0.643858528	9.27E-53
RP11-350J20.12	TENM1	0.291098559	5.07E-10
RP11-350J20.12	SLIT1	0.318757789	7.98E-12
RP11-350J20.12	CXCL14	0.472874544	7.69E-26
RP11-350J20.12	ECM1	0.322121278	4.67E-12
RP11-350J20.12	DUSP5	0.721943143	6.84E-72
RP11-350J20.12	SEZ6L2	0.521899201	4.87E-32
RP11-350J20.12	THRSP	0.150588662	0.001554834
RP11-350J20.12	C19orf33	0.755386125	3.03E-82
RP11-350J20.12	MPZL2	0.6001731	2.64E-44
RP11-350J20.12	CTSH	0.53132019	2.38E-33
RP11-350J20.12	CYP1B1	0.392456968	1.29E-17
RP11-350J20.12	ALOX5	0.625285122	5.32E-49
RP11-350J20.12	SYTL5	0.618570223	1.05E-47
RP11-350J20.12	TNFRSF12A	0.602840161	8.75E-45
RP11-350J20.12	DUSP6	0.639047506	9.24E-52
RP11-350J20.12	ALOX15B	0.67351747	2.47E-59
RP11-350J20.12	SDC4	0.62183653	2.49E-48
RP11-350J20.12	MDK	0.642574747	1.72E-52
RP11-350J20.12	KRT19	0.793802676	2.00E-96
RP11-350J20.12	MET	0.617320035	1.82E-47
RP11-350J20.12	TESC	0.358818037	8.74E-15
RP11-350J20.12	CXCL17	0.567814352	7.78E-39
RP11-350J20.12	NPC2	0.454886293	8.33E-24
RP11-350J20.12	COMP	0.560675171	1.04E-37
RP11-350J20.12	TUSC3	0.521940476	4.81E-32
RP11-350J20.12	TMPRSS4	0.779882568	5.88E-91
RP11-350J20.12	LGALS3	0.733880206	2.09E-75
RP11-350J20.12	CRLF1	0.61595491	3.31E-47
RP11-350J20.12	CTXN1	0.694265757	2.08E-64
RP11-350J20.12	PCSK1N	0.468642435	2.37E-25
RP11-350J20.12	NMU	0.621468263	2.93E-48
RP11-350J20.12	GALE	0.629744172	7.02E-50
RP11-350J20.12	PCSK2	0.435461642	9.68E-22
RP11-350J20.12	GJB3	0.553935854	1.14E-36
RP11-350J20.12	SLPI	0.698884305	1.35E-65
RP11-350J20.12	AGR2	0.559148279	1.80E-37
RP11-350J20.12	MRC2	0.572543727	1.35E-39
RP11-350J20.12	GOLT1A	0.566885502	1.09E-38
RP11-350J20.12	SLC27A6	0.652152526	1.60E-54
RP11-350J20.12	KCNN4	0.706322745	1.47E-67
RP11-350J20.12	ETV4	0.610027001	4.25E-46
RP11-350J20.12	SYT12	0.569388953	4.35E-39
RP11-350J20.12	PVRL4	0.639008217	9.41E-52
RP11-350J20.12	PLCD3	0.583282537	2.25E-41
RP11-350J20.12	PLAU	0.563545133	3.70E-38
RP11-350J20.12	LRRK2	0.220122397	3.22E-06
RP11-350J20.12	SFN	0.718256475	7.66E-71
RP11-350J20.12	LPAR5	0.553799334	1.20E-36
RP11-350J20.12	NGEF	0.661664942	1.29E-56

RP11-350J20.12	DTX4	0.599506388	3.47E-44
RP11-350J20.12	CST6	0.678523236	1.61E-60
RP11-350J20.12	QPCT	0.471962167	9.81E-26
RP11-350J20.12	TIMP1	0.574643576	6.12E-40
RP11-350J20.12	CAMK2N1	0.515878651	3.19E-31
RP11-350J20.12	KLHDC8A	0.413581483	1.44E-19
RP11-350J20.12	PDLIM4	0.678601815	1.54E-60
RP11-350J20.12	SCEL	0.595648733	1.67E-43
RP11-350J20.12	LCN2	0.652688617	1.22E-54
RP11-350J20.12	PROS1	0.582649725	2.88E-41
RP11-350J20.12	GABRB2	0.582703836	2.82E-41
RP11-350J20.12	TMPRSS6	0.759863968	9.27E-84
RP11-350J20.12	KLK7	0.493015252	2.88E-28
RP11-350J20.12	PDZK1IP1	0.553582179	1.29E-36
RP11-350J20.12	CDH3	0.577279007	2.26E-40
RP11-350J20.12	LRP4	0.319378546	7.23E-12
RP11-350J20.12	IGSF1	0.568336653	6.42E-39
RP11-350J20.12	B3GNT3	0.729213434	5.21E-74
RP11-350J20.12	CLDN1	0.631608286	2.98E-50
RP11-350J20.12	GDF15	0.641523156	2.84E-52
RP11-350J20.12	ARHGAP36	0.553526026	1.32E-36
RP11-350J20.12	LAMB3	0.67517386	1.01E-59
RP11-350J20.12	KLK10	0.612723544	1.34E-46
RP11-350J20.12	DPP4	0.604777393	3.90E-45
RP11-350J20.12	METTL7B	0.427326491	6.49E-21
RP11-350J20.12	LIPH	0.66543955	1.81E-57
RP11-350J20.12	CLDN16	0.510728138	1.55E-30
RP11-350J20.12	CHI3L1	0.460875213	1.80E-24
RP11-350J20.12	SLC22A31	0.679370821	1.01E-60
RP11-350J20.12	TACSTD2	0.649027197	7.49E-54
RP11-350J20.12	SFTPB	0.67626928	5.55E-60
RP11-350J20.12	RXRG	0.378573738	2.08E-16
RP11-350J20.12	DCSTAMP	0.5499958	4.51E-36
RP11-350J20.12	CITED1	0.346822749	7.46E-14
RP11-350J20.12	SERPINA1	0.63062577	4.69E-50
RP11-350J20.12	PRR15	0.492471953	3.37E-28
RP11-350J20.12	SLC34A2	0.60146837	1.54E-44
RP11-350J20.12	FN1	0.633029579	1.55E-50
RP11-350J20.12	ZCCHC12	0.45689884	5.00E-24
AC007255.8	TFF3	-0.334466271	6.19E-13
AC007255.8	CCL21	-0.241086985	3.18E-07
AC007255.8	TPO	-0.407622408	5.29E-19
AC007255.8	MT1G	-0.420373298	3.17E-20
AC007255.8	DI01	-0.364460181	3.08E-15
AC007255.8	DPT	-0.267039108	1.33E-08
AC007255.8	CDH16	-0.44634839	6.99E-23
AC007255.8	CRABP1	-0.358657445	9.00E-15
AC007255.8	SLC26A7	-0.352129483	2.92E-14
AC007255.8	MT1H	-0.438784907	4.39E-22
AC007255.8	SLC26A4	-0.298565192	1.73E-10
AC007255.8	SLC5A8	-0.476960642	2.55E-26

AC007255.8	PKHD1L1	-0.365367005	2.60E-15
AC007255.8	TFCP2L1	-0.476212377	3.12E-26
AC007255.8	WSCD2	-0.313949303	1.70E-11
AC007255.8	IPCEF1	-0.344784509	1.07E-13
AC007255.8	SLC5A5	-0.336809934	4.18E-13
AC007255.8	MT1F	-0.422803822	1.83E-20
AC007255.8	FOSB	-0.113556721	0.017303352
AC007255.8	SEMA3D	-0.364927547	2.83E-15
AC007255.8	BMP8A	-0.253782047	7.02E-08
AC007255.8	MATN2	-0.409652171	3.41E-19
AC007255.8	PLA2R1	-0.353970673	2.10E-14
AC007255.8	COL23A1	-0.42322905	1.66E-20
AC007255.8	HGD	-0.419356395	3.99E-20
AC007255.8	TCEAL2	-0.320338282	6.21E-12
AC007255.8	CHRD1	-0.194558029	4.06E-05
AC007255.8	TNFRSF11B	-0.390074864	2.10E-17
AC007255.8	FAM167A	-0.314361896	1.59E-11
AC007255.8	KIT	-0.308426714	3.96E-11
AC007255.8	SLC4A4	-0.463565169	8.99E-25
AC007255.8	SMOC2	-0.196891245	3.26E-05
AC007255.8	FHL1	-0.301069967	1.19E-10
AC007255.8	OTOS	-0.442260993	1.90E-22
AC007255.8	IGFBPL1	-0.405911411	7.65E-19
AC007255.8	HBB	-0.238497659	4.28E-07
AC007255.8	BEX1	-0.178702455	0.000167286
AC007255.8	FABP4	-0.294274087	3.22E-10
AC007255.8	LMOD1	-0.267596647	1.23E-08
AC007255.8	SOD3	-0.435834416	8.86E-22
AC007255.8	TMEM171	-0.48145752	7.44E-27
AC007255.8	PI16	-0.166875563	0.000446235
AC007255.8	ZMAT4	-0.409487896	3.53E-19
AC007255.8	MFAP4	-0.100603216	0.035099355
AC007255.8	CWH43	-0.506020852	6.40E-30
AC007255.8	SPX	-0.341078229	2.02E-13
AC007255.8	APOD	-0.137201568	0.003975139
AC007255.8	DPP6	-0.363847018	3.46E-15
AC007255.8	MMRN1	-0.277364273	3.40E-09
AC007255.8	WDR72	-0.423404716	1.60E-20
AC007255.8	MPPED2	-0.343612082	1.31E-13
AC007255.8	PAPSS2	-0.369913612	1.11E-15
AC007255.8	DCN	-0.201097998	2.19E-05
AC007255.8	SORBS2	-0.349778033	4.44E-14
AC007255.8	EGR2	-0.015666356	0.743417674
AC007255.8	EDN3	-0.11483979	0.016072295
AC007255.8	DIO2	-0.3762514	3.28E-16
AC007255.8	ITPR1	-0.291634099	4.70E-10
AC007255.8	CFD	-0.239552078	3.79E-07
AC007255.8	CPXM1	-0.228019144	1.38E-06
AC007255.8	ELM01	-0.329325732	1.45E-12
AC007255.8	GPC3	-0.279392273	2.58E-09
AC007255.8	MYOC	0.003307716	0.944904492

AC007255.8	DEPTOR	-0.418030571	5.37E-20
AC007255.8	DGKI	-0.322091675	4.70E-12
AC007255.8	CARTPT	-0.273011972	6.07E-09
AC007255.8	IYD	-0.46267741	1.13E-24
AC007255.8	LYVE1	-0.20822433	1.09E-05
AC007255.8	CLCNKB	-0.286583769	9.58E-10
AC007255.8	NCAM1	-0.60586054	2.48E-45
AC007255.8	HBA2	-0.213589184	6.34E-06
AC007255.8	GLT8D2	-0.281298272	1.99E-09
AC007255.8	OGDHL	-0.62224126	2.08E-48
AC007255.8	LIFR	-0.324214837	3.34E-12
AC007255.8	CSGALNACT1	-0.354857795	1.79E-14
AC007255.8	RAP1GAP	-0.492619052	3.23E-28
AC007255.8	COL9A3	-0.261533385	2.68E-08
AC007255.8	FBLN1	-0.253118178	7.61E-08
AC007255.8	EFEMP1	-0.323753086	3.60E-12
AC007255.8	AOX1	-0.367403247	1.78E-15
AC007255.8	GRIN2C	-0.332176307	9.07E-13
AC007255.8	C11orf74	-0.431498875	2.46E-21
AC007255.8	PPARGC1A	-0.62360148	1.13E-48
AC007255.8	ANGPTL1	-0.128929474	0.006831082
AC007255.8	SCARA5	-0.228901343	1.25E-06
AC007255.8	LTF	-0.30429166	7.39E-11
AC007255.8	CA4	-0.132683884	0.005362177
AC007255.8	TG	-0.197714824	3.02E-05
AC007255.8	FCGBP	-0.354228675	2.01E-14
AC007255.8	PBX4	-0.265234701	1.67E-08
AC007255.8	CYR61	-0.170718362	0.000326692
AC007255.8	FOS	-0.157397498	0.000935997
AC007255.8	KHDRBS2	-0.292259034	4.30E-10
AC007255.8	MUM1L1	-0.374433116	4.66E-16
AC007255.8	RGS16	-0.372969071	6.17E-16
AC007255.8	MT1M	-0.372919216	6.23E-16
AC007255.8	LRP2	-0.364234872	3.22E-15
AC007255.8	MAFB	-0.369522212	1.19E-15
AC007255.8	KCNK2	-0.345857083	8.84E-14
AC007255.8	TBC1D4	-0.266896325	1.35E-08
AC007255.8	MIOX	-0.329933091	1.31E-12
AC007255.8	TPPP	-0.394496642	8.47E-18
AC007255.8	FMOD	-0.458149183	3.63E-24
AC007255.8	CITED2	-0.406697416	6.46E-19
AC007255.8	RGS8	-0.312305618	2.19E-11
AC007255.8	ABI3BP	-0.396449458	5.65E-18
AC007255.8	ADH1B	-0.208112053	1.10E-05
AC007255.8	OGN	-0.21794068	4.05E-06
AC007255.8	NR4A1	-0.084519078	0.076895746
AC007255.8	FOXJ1	-0.178652962	0.000167996
AC007255.8	ALDH1A1	-0.337328973	3.83E-13
AC007255.8	OCA2	-0.251653323	9.10E-08
AC007255.8	TMEM139	-0.330219945	1.25E-12
AC007255.8	ARHGAP24	-0.414357411	1.21E-19

AC007255.8	SLC25A15	-0.453098002	1.31E-23
AC007255.8	DES	-0.220071086	3.24E-06
AC007255.8	GDF10	-0.230438176	1.06E-06
AC007255.8	KIAA1324	-0.294081572	3.31E-10
AC007255.8	JUN	-0.168008914	0.000407309
AC007255.8	C7	-0.062822013	0.188909301
AC007255.8	LGI3	-0.4464681	6.79E-23
AC007255.8	CDON	-0.350119578	4.18E-14
AC007255.8	BCL2	-0.400735994	2.30E-18
AC007255.8	HLF	-0.293717476	3.49E-10
AC007255.8	EGR1	-0.106214797	0.026054357
AC007255.8	IP6K3	-0.506232384	6.00E-30
AC007255.8	SCUBE3	-0.247774316	1.45E-07
AC007255.8	PKNOX2	-0.13685435	0.004068907
AC007255.8	SMAD9	-0.359572467	7.61E-15
AC007255.8	IQGAP2	-0.510797135	1.51E-30
AC007255.8	GNA14	-0.320566356	5.99E-12
AC007255.8	LAYN	-0.197292503	3.14E-05
AC007255.8	AVPR1A	-0.255638485	5.59E-08
AC007255.8	PDLIM3	-0.41242665	1.86E-19
AC007255.8	GPM6A	-0.389096541	2.56E-17
AC007255.8	SDPR	-0.091664275	0.054965851
AC007255.8	CRYAB	-0.501302971	2.59E-29
AC007255.8	FOXA2	-0.180218982	0.00014683
AC007255.8	C8orf88	-0.300260644	1.34E-10
AC007255.8	ISM1	-0.246783653	1.63E-07
AC007255.8	BMP2	-0.273265246	5.87E-09
AC007255.8	ID4	-0.310599023	2.84E-11
AC007255.8	NUPR1	-0.631962647	2.53E-50
AC007255.8	SERTM1	-0.574486544	6.50E-40
AC007255.8	IRS1	-0.274118042	5.24E-09
AC007255.8	FIBIN	-0.444792363	1.02E-22
AC007255.8	PODN	-0.184413037	0.000101806
AC007255.8	TDRD9	-0.429574639	3.86E-21
AC007255.8	EPHA3	-0.188740423	6.92E-05
AC007255.8	AIF1L	-0.347951807	6.12E-14
AC007255.8	EBF4	-0.355836614	1.50E-14
AC007255.8	ADM2	-0.520312999	8.02E-32
AC007255.8	GSTM3	-0.379365083	1.78E-16
AC007255.8	HSD17B6	-0.147285491	0.001974337
AC007255.8	AGR3	-0.250590674	1.03E-07
AC007255.8	EPHB1	-0.460325393	2.08E-24
AC007255.8	TMOD1	-0.339910483	2.47E-13
AC007255.8	WASF3	-0.34754516	6.58E-14
AC007255.8	SELV	-0.373244655	5.85E-16
AC007255.8	ENPP1	-0.412472464	1.84E-19
AC007255.8	SYNE1	-0.276995435	3.57E-09
AC007255.8	PLCH1	-0.290492167	5.53E-10
AC007255.8	CCDC146	-0.275388195	4.43E-09
AC007255.8	SLC16A2	-0.19256847	4.88E-05
AC007255.8	IER2	-0.188861481	6.84E-05

AC007255.8	KCNAB1	-0.056165375	0.240247939
AC007255.8	SYNDIG1	-0.374995927	4.18E-16
AC007255.8	C16orf89	-0.27291739	6.15E-09
AC007255.8	CTGF	-0.078531487	0.100328168
AC007255.8	NR4A3	-0.119585729	0.01216025
AC007255.8	KIAA1456	-0.440996655	2.58E-22
AC007255.8	AQP4	-0.256985372	4.73E-08
AC007255.8	RNF150	-0.308810313	3.74E-11
AC007255.8	C1S	-0.179104776	0.000161613
AC007255.8	PFKFB2	-0.544179609	3.31E-35
AC007255.8	PROX1	-0.236206278	5.56E-07
AC007255.8	TCF7L1	-0.226354329	1.66E-06
AC007255.8	HSPB6	-0.123033581	0.00987145
AC007255.8	FHDC1	-0.350397011	3.98E-14
AC007255.8	PRR15L	-0.470244572	1.55E-25
AC007255.8	SLC1A1	-0.500593217	3.20E-29
AC007255.8	BTBD11	-0.241424614	3.06E-07
AC007255.8	TRIM58	-0.364524575	3.05E-15
AC007255.8	LRIG1	-0.466860617	3.80E-25
AC007255.8	ROR2	-0.297721047	1.95E-10
AC007255.8	GPR125	-0.388544864	2.86E-17
AC007255.8	FLRT1	-0.27056516	8.38E-09
AC007255.8	PGF	-0.272510246	6.49E-09
AC007255.8	DUSP1	-0.142084317	0.002848228
AC007255.8	PLA2G7	-0.235267244	6.18E-07
AC007255.8	PLSCR4	-0.353339426	2.35E-14
AC007255.8	FAM46B	-0.538094575	2.56E-34
AC007255.8	GLDC	-0.32131774	5.32E-12
AC007255.8	ZBTB16	-0.299007511	1.62E-10
AC007255.8	OMD	-0.209205153	9.88E-06
AC007255.8	HSD11B2	-0.13617807	0.004257303
AC007255.8	FGL2	-0.17259182	0.000279938
AC007255.8	CLCNKA	-0.351595336	3.21E-14
AC007255.8	GATM	-0.408096995	4.77E-19
AC007255.8	TNS3	-0.376092329	3.38E-16
AC007255.8	TOB1	-0.264056387	1.95E-08
AC007255.8	MARC2	-0.444458549	1.11E-22
AC007255.8	LRRC2	-0.480031275	1.10E-26
AC007255.8	SORD	-0.258978115	3.69E-08
AC007255.8	RIMS4	-0.187223402	7.93E-05
AC007255.8	SLC29A4	-0.316798519	1.09E-11
AC007255.8	SLC39A14	-0.477780459	2.04E-26
AC007255.8	FAXDC2	-0.355709386	1.54E-14
AC007255.8	HSPB8	-0.468010918	2.80E-25
AC007255.8	CCL19	-0.053942643	0.259394769
AC007255.8	KCNIP3	-0.250162501	1.09E-07
AC007255.8	CGNL1	-0.214306172	5.89E-06
AC007255.8	ATF3	-0.057745514	0.227254634
AC007255.8	SGCD	-0.372015783	7.41E-16
AC007255.8	STARD13	-0.265190093	1.68E-08
AC007255.8	LDHD	-0.406524658	6.70E-19

AC007255.8	RCAN1	-0.252657987	8.05E-08
AC007255.8	ID3	-0.410868993	2.61E-19
AC007255.8	SYTL3	-0.393355419	1.07E-17
AC007255.8	MT1E	-0.376775843	2.96E-16
AC007255.8	CAMK1D	-0.267223402	1.29E-08
AC007255.8	PRKCQ	-0.405258973	8.79E-19
AC007255.8	NUAK2	-0.499427881	4.50E-29
AC007255.8	LIPG	-0.084955157	0.075379387
AC007255.8	SLC25A25	-0.350872379	3.65E-14
AC007255.8	PRKX	-0.251375778	9.41E-08
AC007255.8	SRPX	-0.10133382	0.033788029
AC007255.8	FAM189A1	-0.193076105	4.66E-05
AC007255.8	PLEKHH1	-0.196727423	3.31E-05
AC007255.8	WNT11	-0.271624968	7.29E-09
AC007255.8	SNAI1	-0.284369405	1.30E-09
AC007255.8	FDCSP	-0.081424798	0.088380102
AC007255.8	MT1X	-0.349328126	4.80E-14
AC007255.8	ACACB	-0.412864927	1.69E-19
AC007255.8	ARC	0.111329024	0.019637189
AC007255.8	KLK4	-0.513992342	5.71E-31
AC007255.8	ZFPM2	-0.118700097	0.012819062
AC007255.8	AKAP12	-0.110214041	0.020904929
AC007255.8	GJB6	-0.285715481	1.08E-09
AC007255.8	ERO1LB	-0.284246148	1.33E-09
AC007255.8	DNALI1	-0.169822943	0.000351522
AC007255.8	HKDC1	-0.448330992	4.29E-23
AC007255.8	ZFP36L2	-0.344094542	1.20E-13
AC007255.8	CAPSL	-0.196784473	3.30E-05
AC007255.8	CYP7B1	-0.292420587	4.20E-10
AC007255.8	CPQ	-0.104443816	0.028663106
AC007255.8	RPS6KA6	-0.284555718	1.27E-09
AC007255.8	TLE1	-0.50151828	2.44E-29
AC007255.8	TP53INP2	-0.247406744	1.51E-07
AC007255.8	KATNAL2	-0.366462427	2.12E-15
AC007255.8	SGPP2	-0.391465933	1.58E-17
AC007255.8	CTH	-0.438548756	4.64E-22
AC007255.8	KIF12	-0.250805379	1.01E-07
AC007255.8	TMEM220	-0.308496994	3.92E-11
AC007255.8	CENPJ	-0.302085026	1.03E-10
AC007255.8	FAM155B	0.011171106	0.815450332
AC007255.8	WFS1	-0.449060532	3.58E-23
AC007255.8	SELENBP1	-0.207240546	1.20E-05
AC007255.8	SNTA1	-0.612414346	1.53E-46
AC007255.8	FRAS1	-0.392658501	1.24E-17
AC007255.8	FBLN7	-0.445932168	7.75E-23
AC007255.8	AGPAT9	-0.317257079	1.01E-11
AC007255.8	GPR83	-0.214534459	5.76E-06
AC007255.8	PRTG	-0.312005624	2.29E-11
AC007255.8	EGR3	0.106096292	0.026222302
AC007255.8	GRAMD2	-0.386815513	4.06E-17
AC007255.8	HYOU1	-0.338054471	3.38E-13

AC007255.8	FBLN5	-0.134747286	0.004682104
AC007255.8	ITM2A	-0.114387179	0.016497508
AC007255.8	SRF	-0.206646461	1.27E-05
AC007255.8	FGFR2	-0.21774828	4.13E-06
AC007255.8	MT1A	-0.25913677	3.62E-08
AC007255.8	MAMDC2	-0.127808888	0.007334484
AC007255.8	FHL2	-0.371869691	7.62E-16
AC007255.8	FTCDNL1	-0.572581111	1.33E-39
AC007255.8	PKIA	-0.003136732	0.947748346
AC007255.8	DNAJB4	-0.148340973	0.001830202
AC007255.8	SLC25A33	-0.432104733	2.14E-21
AC007255.8	EYA2	-0.533018573	1.37E-33
AC007255.8	LPAR1	-0.501164254	2.70E-29
AC007255.8	STX11	-0.418306232	5.05E-20
AC007255.8	ARHGEF28	-0.539442597	1.64E-34
AC007255.8	OR2W3	-0.321649993	5.04E-12
AC007255.8	ALDH1B1	-0.588344717	3.10E-42
AC007255.8	CXCL12	-0.091309965	0.055915096
AC007255.8	OLFM2	-0.121032682	0.011148074
AC007255.8	TUB	-0.292131451	4.38E-10
AC007255.8	HTRA3	-0.16441419	0.000542985
AC007255.8	CKB	-0.460046399	2.23E-24
AC007255.8	RGS2	-0.223931464	2.15E-06
AC007255.8	SHANK2	-0.241703324	2.96E-07
AC007255.8	CNTFR	-0.212184917	7.32E-06
AC007255.8	CYTH3	-0.234705426	6.58E-07
AC007255.8	PLAC9	-0.091805403	0.054591496
AC007255.8	WVOX	-0.287589395	8.32E-10
AC007255.8	NPR3	-0.146080299	0.002151566
AC007255.8	SDC2	-0.037795884	0.429565054
AC007255.8	KLF15	-0.316185569	1.20E-11
AC007255.8	TMEM164	-0.41364404	1.42E-19
AC007255.8	LONRF3	-0.021161417	0.658368862
AC007255.8	GBP1	-0.158462696	0.000862953
AC007255.8	ARHGAP6	-0.414680941	1.13E-19
AC007255.8	TMEM119	-0.131697926	0.005717507
AC007255.8	SH3RF1	-0.340787747	2.12E-13
AC007255.8	CRELD2	-0.290585921	5.45E-10
AC007255.8	PCP4	-0.186427269	8.51E-05
AC007255.8	GCSH	-0.299497417	1.50E-10
AC007255.8	IMPA2	-0.357801203	1.05E-14
AC007255.8	C1R	-0.165898872	0.000482528
AC007255.8	SUCNR1	-0.087377313	0.067393936
AC007255.8	SFRP1	-0.236711147	5.25E-07
AC007255.8	UGT8	-0.493490146	2.52E-28
AC007255.8	TLE4	-0.10501613	0.027796562
AC007255.8	ANTXR1	-0.233391374	7.63E-07
AC007255.8	GPX3	-0.451873024	1.78E-23
AC007255.8	DPY19L2	-0.322179472	4.63E-12
AC007255.8	FAM46C	-0.334085367	6.60E-13
AC007255.8	IL33	-0.131553398	0.005771336

AC007255.8	PEG3	-0.258414809	3.96E-08
AC007255.8	FAHD2A	-0.464524415	7.00E-25
AC007255.8	PTGDS	-0.018841101	0.693821501
AC007255.8	CHCHD10	-0.565705335	1.69E-38
AC007255.8	CD36	-0.205292269	1.46E-05
AC007255.8	ANKRD37	-0.159934684	0.00077066
AC007255.8	TSPAN33	-0.365521549	2.53E-15
AC007255.8	PRDM16	-0.212476825	7.10E-06
AC007255.8	UST	-0.133201046	0.005183855
AC007255.8	NEXN	-0.290627267	5.42E-10
AC007255.8	NUPR1L	-0.164903729	0.000522314
AC007255.8	SLC24A3	-0.57808142	1.66E-40
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AC007255.8	MYH11	-0.078999551	0.098312636
AC007255.8	APOA1	-0.262515122	2.37E-08
AC007255.8	TMEM178B	-0.170477664	0.0003332
AC007255.8	CAPN6	-0.106169342	0.026118665
AC007255.8	PPM1L	-0.33512624	5.54E-13
AC007255.8	FZD8	-0.373026019	6.10E-16
AC007255.8	RCAN2	-0.255227157	5.88E-08
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AC007255.8	DACT1	-0.243604015	2.37E-07
AC007255.8	WBSCR17	-0.078116684	0.102141668
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AC007255.8	SPIRE2	-0.397444375	4.59E-18
AC007255.8	C15orf52	-0.544206061	3.28E-35
AC007255.8	SPAG5	-0.360789998	6.09E-15
AC007255.8	ARL4D	-0.451251847	2.08E-23
AC007255.8	FAM189A2	-0.013498586	0.777918011
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AC007255.8	KLF6	-0.019356183	0.68589017
AC007255.8	ADD3	-0.084279657	0.077738756
AC007255.8	TSPAN7	-0.065996615	0.167480316
AC007255.8	KLF9	-0.093896297	0.049289105
AC007255.8	KCNQ1	-0.402634273	1.54E-18
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AC007255.8	MLF1	-0.200137334	2.40E-05
AC007255.8	RARB	-0.238713181	4.18E-07
AC007255.8	CDC42EP2	-0.30842565	3.96E-11
AC007255.8	FAM3B	-0.262268174	2.44E-08
AC007255.8	GADD45B	-0.195784702	3.62E-05
AC007255.8	TMEM47	-0.120064359	0.011816799
AC007255.8	SDF2L1	-0.209079963	1.00E-05
AC007255.8	CCDC85A	-0.239396057	3.86E-07
AC007255.8	CRYBG3	-0.295335131	2.76E-10
AC007255.8	FBLN2	-0.101329211	0.03379617
AC007255.8	PEBP4	-0.308201122	4.10E-11
AC007255.8	CDADC1	-0.275563577	4.32E-09
AC007255.8	FAM63A	-0.307529168	4.54E-11
AC007255.8	GLUL	-0.32787119	1.84E-12

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AC007255.8	DENND6A	-0.364230475	3.22E-15
AC007255.8	CLDN8	-0.441451031	2.31E-22
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AC007255.8	TTC30A	-0.430959964	2.79E-21
AC007255.8	CORO2B	-0.116137593	0.014905839
AC007255.8	TC2N	-0.511533767	1.21E-30
AC007255.8	ALDH2	-0.474175947	5.42E-26
AC007255.8	GPR183	-0.097529744	0.041099929
AC007255.8	C4orf47	-0.184461829	0.000101368
AC007255.8	SLC25A42	-0.210392668	8.77E-06
AC007255.8	LGMN	-0.462505361	1.18E-24
AC007255.8	ACSF2	-0.536632375	4.17E-34
AC007255.8	KIAA1467	-0.420421806	3.14E-20
AC007255.8	PRKG1	-0.185275692	9.43E-05
AC007255.8	GNAI1	-0.351051803	3.54E-14
AC007255.8	ABCC4	-0.344268789	1.16E-13
AC007255.8	PRPS1	-0.417069907	6.65E-20
AC007255.8	TSPAN5	-0.484136047	3.54E-27
AC007255.8	CR2	-0.13411315	0.004882325
AC007255.8	CCDC170	-0.401257388	2.06E-18
AC007255.8	RRAD	-0.145667269	0.002215573
AC007255.8	SCGB2A1	-0.425763045	9.30E-21
AC007255.8	SESN3	-0.229724667	1.15E-06
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AC007255.8	FLRT3	0.328109548	1.77E-12
AC007255.8	MST1R	0.446712344	6.39E-23
AC007255.8	SDC1	-0.068157152	0.153972973
AC007255.8	ST8SIA4	0.180738458	0.000140381
AC007255.8	UBTD1	0.417911712	5.51E-20
AC007255.8	EPHA2	0.414379608	1.21E-19
AC007255.8	TMEM130	0.680245343	6.22E-61
AC007255.8	SPINK2	0.225439337	1.83E-06
AC007255.8	MMP16	0.343883559	1.25E-13
AC007255.8	SIGLEC15	0.556499597	4.62E-37
AC007255.8	RIN1	0.59110251	1.04E-42
AC007255.8	IL1RN	0.027608419	0.563992593
AC007255.8	FCER1G	0.214634738	5.70E-06
AC007255.8	CD276	0.506488401	5.56E-30
AC007255.8	CTSB	0.230325632	1.07E-06
AC007255.8	FAM171A2	0.599812172	3.06E-44
AC007255.8	ASPHD1	0.360916375	5.95E-15
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AC007255.8	DYSF	0.508252786	3.27E-30
AC007255.8	PDZRN4	0.636102169	3.70E-51
AC007255.8	EFHD2	0.536883781	3.83E-34
AC007255.8	ASF1B	0.155701124	0.001064192

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AC007255.8	ARRDC2	0.497648674	7.56E-29
AC007255.8	PRSS1	0.562178778	6.07E-38
AC007255.8	MAPK13	0.404604039	1.01E-18
AC007255.8	CST5	0.261620322	2.65E-08
AC007255.8	AHR	0.318915512	7.79E-12
AC007255.8	BAX	0.250548228	1.04E-07
AC007255.8	C1orf115	0.548823575	6.76E-36
AC007255.8	PLK3	0.413873391	1.35E-19
AC007255.8	JAG2	0.462037156	1.34E-24
AC007255.8	RAD23B	0.544557321	2.91E-35
AC007255.8	CA12	0.255657704	5.58E-08
AC007255.8	ADTRP	0.55176833	2.43E-36
AC007255.8	UCP2	0.531198091	2.48E-33
AC007255.8	IGFBP2	0.227875251	1.40E-06
AC007255.8	LOXL2	0.34748346	6.65E-14
AC007255.8	GPX1	0.259543975	3.44E-08
AC007255.8	P3H3	0.446059893	7.51E-23
AC007255.8	C2orf81	0.65542885	3.10E-55
AC007255.8	CDT1	0.181176168	0.000135154
AC007255.8	SNX25	0.633330242	1.35E-50
AC007255.8	MTHFD1L	0.265374765	1.64E-08
AC007255.8	CDC42BPG	0.392480013	1.28E-17
AC007255.8	MSN	0.416231152	8.02E-20
AC007255.8	SIGLEC6	0.500477549	3.31E-29
AC007255.8	F2R	0.289378389	6.47E-10
AC007255.8	TMEM184A	0.328947026	1.55E-12
AC007255.8	CKS2	0.056242464	0.239602188
AC007255.8	TAX1BP3	0.330062435	1.29E-12
AC007255.8	PMEPA1	0.435290186	1.01E-21
AC007255.8	CXCL16	0.251055367	9.78E-08
AC007255.8	FAXC	0.390381019	1.97E-17
AC007255.8	VTCN1	0.127246074	0.007599622
AC007255.8	SH2D4A	0.423219335	1.66E-20
AC007255.8	RNF24	0.43283094	1.80E-21
AC007255.8	LY6G6C	0.302369694	9.84E-11
AC007255.8	NID1	0.3621249	4.76E-15
AC007255.8	STAC	0.292776173	3.99E-10
AC007255.8	RAB34	0.616708116	2.38E-47
AC007255.8	HES4	0.314750459	1.50E-11
AC007255.8	EPHA10	0.46736726	3.32E-25
AC007255.8	ENTPD2	0.637346437	2.06E-51
AC007255.8	DDB2	0.324937853	2.97E-12
AC007255.8	NKAIN4	0.328733065	1.60E-12
AC007255.8	TRIM29	0.337677822	3.61E-13
AC007255.8	ADCY8	0.465007207	6.17E-25
AC007255.8	SFTA2	0.073261168	0.125355791
AC007255.8	NRIP1	0.554207506	1.04E-36
AC007255.8	VWA1	0.499619858	4.25E-29
AC007255.8	APLNR	0.394003048	9.38E-18
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AC007255.8	SRL	0.397505295	4.53E-18
AC007255.8	RASGRF1	0.711631528	5.33E-69
AC007255.8	RMI2	0.361142464	5.70E-15
AC007255.8	SAMD1	0.413535463	1.46E-19
AC007255.8	MGAT4B	0.384959005	5.89E-17
AC007255.8	NXN	0.385699324	5.08E-17
AC007255.8	SH3BGRL3	0.291604242	4.72E-10
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AC007255.8	PLD3	0.556785257	4.18E-37
AC007255.8	LURAP1L	0.062073608	0.19424249
AC007255.8	CARNS1	0.558335256	2.41E-37
AC007255.8	PDLIM7	0.556304003	4.95E-37
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AC007255.8	GGT6	0.324261927	3.31E-12
AC007255.8	DPYSL3	0.404909698	9.48E-19
AC007255.8	FYN	0.504131987	1.12E-29
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AC007255.8	ADRA1B	0.564573899	2.55E-38
AC007255.8	EPHA4	0.431367462	2.54E-21
AC007255.8	TCERG1L	0.557849534	2.86E-37
AC007255.8	NGFR	0.623445246	1.21E-48
AC007255.8	EBI3	0.237445794	4.83E-07
AC007255.8	S100A10	0.185292712	9.42E-05
AC007255.8	S100B	0.257583642	4.39E-08
AC007255.8	CD44	0.594186763	3.02E-43
AC007255.8	BHLHE41	0.521812291	5.01E-32
AC007255.8	FBXO2	0.525328012	1.64E-32
AC007255.8	SLC30A2	-0.121945618	0.010548505
AC007255.8	FRMD5	0.106980647	0.024991181
AC007255.8	SAMD11	0.331932418	9.45E-13
AC007255.8	SIPA1L2	0.618708093	9.92E-48
AC007255.8	S100A16	0.278907463	2.76E-09
AC007255.8	PPL	0.255848475	5.45E-08
AC007255.8	ARHGD1B	0.39110907	1.70E-17
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AC007255.8	RUNX2	0.663921216	4.01E-57
AC007255.8	LAMC2	0.188237609	7.24E-05
AC007255.8	BRINP1	0.514826591	4.41E-31
AC007255.8	GPRC5B	0.48017219	1.06E-26
AC007255.8	AQP5	0.544106137	3.40E-35
AC007255.8	PLAG1	0.637570752	1.86E-51
AC007255.8	PTPRU	0.282286807	1.74E-09
AC007255.8	ANGPTL4	0.275254088	4.51E-09

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AC007255.8	CD109	0.580892564	5.67E-41
AC007255.8	SNX22	0.585321434	1.02E-41
AC007255.8	TMEM98	0.54136123	8.59E-35
AC007255.8	CTHRC1	0.244844099	2.05E-07
AC007255.8	S100A2	0.141649444	0.002935287
AC007255.8	C11orf80	0.406739967	6.40E-19
AC007255.8	SREBF1	0.421763942	2.32E-20
AC007255.8	PRSS22	0.308012478	4.22E-11
AC007255.8	CMTM3	0.339352637	2.71E-13
AC007255.8	RDH5	0.620747642	4.03E-48
AC007255.8	MYH10	0.47892466	1.49E-26
AC007255.8	EVPL	0.448186317	4.45E-23
AC007255.8	SCD	0.270169363	8.83E-09
AC007255.8	CD151	0.550894187	3.30E-36
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AC007255.8	MAP3K6	0.383460493	7.94E-17
AC007255.8	MANEAL	0.264922942	1.74E-08
AC007255.8	CD207	0.360342757	6.61E-15
AC007255.8	CD1A	0.34330268	1.38E-13
AC007255.8	C3	0.299635354	1.47E-10
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AC007255.8	CACNG4	0.298307472	1.79E-10
AC007255.8	FHOD1	0.420218695	3.28E-20
AC007255.8	LEMD1	0.480418562	9.91E-27
AC007255.8	ATP11A	0.599550979	3.40E-44
AC007255.8	PPAP2C	0.360815813	6.06E-15
AC007255.8	DRAM1	0.416555392	7.46E-20
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AC007255.8	MMP11	0.313919789	1.70E-11
AC007255.8	B3GAT1	0.450760948	2.35E-23
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AC007255.8	CX3CL1	0.277663479	3.26E-09
AC007255.8	SDK1	0.598183738	5.96E-44
AC007255.8	DOCK9	0.531235323	2.45E-33
AC007255.8	CSF2	0.440916311	2.63E-22
AC007255.8	GRHL3	0.421930104	2.23E-20
AC007255.8	TMEM92	0.425189702	1.06E-20
AC007255.8	BASP1	0.427376799	6.42E-21
AC007255.8	HRH1	0.4295145	3.91E-21
AC007255.8	ESM1	0.269339543	9.84E-09
AC007255.8	B4GALNT3	0.388034747	3.17E-17

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AC007255.8	C9orf16	0.238497943	4.28E-07
AC007255.8	SEMA3F	0.630105855	5.95E-50
AC007255.8	PLA2G12B	0.571088677	2.32E-39
AC007255.8	KLK6	0.524733404	1.98E-32
AC007255.8	ST3GAL5	0.693305651	3.66E-64
AC007255.8	FAM132B	0.351766096	3.12E-14
AC007255.8	CDKN1A	0.103612011	0.029963831
AC007255.8	E2F1	0.15776975	0.000909845
AC007255.8	B3GNT8	0.434462849	1.23E-21
AC007255.8	MTMR11	0.529117763	4.86E-33
AC007255.8	MYO1G	0.300382482	1.32E-10
AC007255.8	TMSB10	0.381064719	1.28E-16
AC007255.8	UNC5CL	0.355641233	1.56E-14
AC007255.8	ABR	0.372899358	6.25E-16
AC007255.8	PLP2	0.349369258	4.77E-14
AC007255.8	SRCIN1	0.344244676	1.17E-13
AC007255.8	PDE9A	0.356777776	1.27E-14
AC007255.8	TREM2	0.222067722	2.62E-06
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AC007255.8	PC	0.527371959	8.54E-33
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AC007255.8	PELI1	0.400211621	2.57E-18
AC007255.8	SSX1	0.322909367	4.12E-12
AC007255.8	MROH6	0.459511601	2.56E-24
AC007255.8	ESPN	0.61912325	8.26E-48
AC007255.8	BMP1	0.621488671	2.90E-48
AC007255.8	TM4SF4	0.485545616	2.39E-27
AC007255.8	CORO2A	0.569640185	3.97E-39
AC007255.8	CD164L2	0.375553148	3.75E-16
AC007255.8	CTSS	0.224491509	2.02E-06
AC007255.8	CLU	0.552387166	1.96E-36
AC007255.8	TMSB4X	0.39174436	1.49E-17
AC007255.8	WNT10A	0.458188842	3.60E-24
AC007255.8	NAPSA	0.371536727	8.12E-16
AC007255.8	PLEKHA4	0.62673729	2.76E-49
AC007255.8	SFTPA1	0.392815104	1.20E-17
AC007255.8	C1orf116	0.392969905	1.16E-17
AC007255.8	TM4SF1	0.25783441	4.26E-08
AC007255.8	SEL1L3	0.42604211	8.73E-21
AC007255.8	VASN	0.479258475	1.36E-26
AC007255.8	NPTXR	0.370632727	9.65E-16
AC007255.8	PDE4C	0.252009294	8.71E-08
AC007255.8	CDC42EP1	0.513647355	6.34E-31
AC007255.8	ENDOD1	0.452566537	1.49E-23
AC007255.8	RYR1	0.596294819	1.29E-43
AC007255.8	IL1RAP	0.600772765	2.06E-44
AC007255.8	SLC35F2	0.527479774	8.25E-33
AC007255.8	ISYNA1	0.675423442	8.80E-60
AC007255.8	HLA-G	0.16679961	0.000448964
AC007255.8	CDKN2B	0.243821593	2.31E-07

AC007255.8	ALDH1A3	0.223420212	2.27E-06
AC007255.8	CLIP3	0.555561627	6.44E-37
AC007255.8	ULBP2	0.441874132	2.08E-22
AC007255.8	ETHE1	0.315754455	1.28E-11
AC007255.8	XPR1	0.47910678	1.42E-26
AC007255.8	SPTBN2	0.316869296	1.07E-11
AC007255.8	IVL	0.360666259	6.23E-15
AC007255.8	MARCO	0.207521242	1.17E-05
AC007255.8	PLXND1	0.633580302	1.20E-50
AC007255.8	EMILIN2	0.401554111	1.94E-18
AC007255.8	PLAUR	0.279004338	2.72E-09
AC007255.8	CDC42EP5	0.474490543	4.98E-26
AC007255.8	TRPC5	0.781373789	1.60E-91
AC007255.8	TMEM100	0.467065998	3.60E-25
AC007255.8	QSOX1	0.568010687	7.24E-39
AC007255.8	ARHGAP23	0.57680304	2.71E-40
AC007255.8	MDFI	0.48248499	5.60E-27
AC007255.8	FSTL3	0.377342767	2.65E-16
AC007255.8	INF2	0.589009204	2.39E-42
AC007255.8	TGFBR1	0.600121661	2.69E-44
AC007255.8	TGFBI	0.361177072	5.67E-15
AC007255.8	ERBB3	0.307978863	4.24E-11
AC007255.8	CCL18	0.24683209	1.62E-07
AC007255.8	CCL17	0.259160386	3.61E-08
AC007255.8	C16orf45	0.642206067	2.05E-52
AC007255.8	PRDM1	0.610410397	3.61E-46
AC007255.8	TRIM47	0.250602197	1.03E-07
AC007255.8	CNFN	0.276653952	3.74E-09
AC007255.8	ARMCX3	0.668444479	3.73E-58
AC007255.8	RAMP1	0.6165355	2.57E-47
AC007255.8	GABRD	0.520400939	7.80E-32
AC007255.8	COL13A1	0.596570197	1.15E-43
AC007255.8	S100A5	0.429135298	4.27E-21
AC007255.8	MISP	0.190357652	5.97E-05
AC007255.8	HES6	0.416214203	8.05E-20
AC007255.8	PSD3	0.519785365	9.46E-32
AC007255.8	DOK7	0.451034552	2.19E-23
AC007255.8	ZMAT3	0.331900717	9.50E-13
AC007255.8	MFAP2	0.534480561	8.47E-34
AC007255.8	TMEM79	0.517796593	1.76E-31
AC007255.8	SLC1A5	0.354188394	2.02E-14
AC007255.8	BBC3	0.36550467	2.54E-15
AC007255.8	HLA-DQB2	0.167556808	0.000422442
AC007255.8	C1QL1	0.641030093	3.60E-52
AC007255.8	TMEM215	0.627581734	1.88E-49
AC007255.8	PNP	0.368590554	1.42E-15
AC007255.8	ARNTL	0.642870149	1.49E-52
AC007255.8	CLDN2	0.526075868	1.29E-32
AC007255.8	MVP	0.360340019	6.61E-15
AC007255.8	LGALS1	0.39273254	1.22E-17
AC007255.8	BIRC7	0.372244334	7.09E-16

AC007255.8	COL8A1	0.533501741	1.17E-33
AC007255.8	PERP	0.21928686	3.52E-06
AC007255.8	GJA4	0.579738434	8.83E-41
AC007255.8	IGFL2	0.4604063	2.04E-24
AC007255.8	DAPK2	0.489524304	7.80E-28
AC007255.8	MAMLD1	0.621853831	2.47E-48
AC007255.8	ETV5	0.656592908	1.72E-55
AC007255.8	RUNX1	0.326580471	2.28E-12
AC007255.8	LONRF2	0.643305589	1.21E-52
AC007255.8	SPOCK1	0.561718643	7.16E-38
AC007255.8	XKRX	0.589366634	2.07E-42
AC007255.8	TGFB1	0.57320555	1.05E-39
AC007255.8	ERP27	0.3006741	1.27E-10
AC007255.8	TNFRSF10C	0.310285066	2.98E-11
AC007255.8	PALM	0.539435151	1.64E-34
AC007255.8	TSC22D1	0.788092403	3.93E-94
AC007255.8	TGM2	0.208401272	1.07E-05
AC007255.8	UBE2QL1	0.644858424	5.72E-53
AC007255.8	ECE1	0.665108607	2.16E-57
AC007255.8	COL8A2	0.535860992	5.38E-34
AC007255.8	HIST3H2A	0.196553673	3.37E-05
AC007255.8	TNFRSF21	0.362822952	4.18E-15
AC007255.8	SOX4	0.400955416	2.20E-18
AC007255.8	ELF3	0.229551342	1.17E-06
AC007255.8	TPD52L1	0.442470912	1.80E-22
AC007255.8	INHBB	0.631617699	2.97E-50
AC007255.8	HPN	0.371147029	8.75E-16
AC007255.8	MMP7	0.150724494	0.001539479
AC007255.8	RAB27A	0.59798396	6.47E-44
AC007255.8	IGF2BP2	0.580119977	7.63E-41
AC007255.8	ITGB4	0.469279511	2.00E-25
AC007255.8	PPP1R1B	0.608120718	9.55E-46
AC007255.8	NPDC1	0.529351085	4.51E-33
AC007255.8	CCL13	0.339339141	2.72E-13
AC007255.8	SPINT1	0.322267695	4.57E-12
AC007255.8	HEY2	0.700361561	5.56E-66
AC007255.8	CST2	0.201687392	2.07E-05
AC007255.8	ADM	0.319127701	7.53E-12
AC007255.8	VSTM2L	0.079481514	0.096271061
AC007255.8	FAM84A	0.38065637	1.38E-16
AC007255.8	P4HA2	0.454698636	8.73E-24
AC007255.8	LPL	0.660947526	1.87E-56
AC007255.8	TMEM173	0.495015607	1.62E-28
AC007255.8	DHRS3	0.549497515	5.36E-36
AC007255.8	SCN1B	0.401288592	2.05E-18
AC007255.8	GLT1D1	0.63015486	5.82E-50
AC007255.8	PHYHIP	0.467578952	3.14E-25
AC007255.8	BHLHE40	0.354432283	1.93E-14
AC007255.8	BID	0.495595437	1.37E-28
AC007255.8	POSTN	0.1526646	0.001334826
AC007255.8	ITGA3	0.320642027	5.92E-12

AC007255.8	RSP04	0.533756127	1.07E-33
AC007255.8	ADAMTS9	0.783387731	2.70E-92
AC007255.8	ABTB2	0.480361047	1.01E-26
AC007255.8	KCNQ3	0.430585513	3.05E-21
AC007255.8	ANXA1	0.549821684	4.79E-36
AC007255.8	S100A11	0.327058675	2.11E-12
AC007255.8	CEACAM6	0.173511096	0.000259356
AC007255.8	IER5L	0.418448849	4.89E-20
AC007255.8	KRT80	0.2167679	4.57E-06
AC007255.8	CDH6	0.366923682	1.95E-15
AC007255.8	UNC5B	0.432454362	1.97E-21
AC007255.8	PLEKHN1	0.528157525	6.63E-33
AC007255.8	SYTL1	0.455115141	7.86E-24
AC007255.8	TMEM163	0.454146605	1.00E-23
AC007255.8	C4orf48	0.401070233	2.14E-18
AC007255.8	B3GNT7	0.612714261	1.35E-46
AC007255.8	BAIAP3	0.648608461	9.20E-54
AC007255.8	PHLDA2	0.350886067	3.65E-14
AC007255.8	GAP43	0.554645834	8.89E-37
AC007255.8	S100A1	0.160759255	0.000723039
AC007255.8	PTPRE	0.516874579	2.34E-31
AC007255.8	CCND1	0.433242055	1.64E-21
AC007255.8	ST6GALNAC5	0.261474354	2.70E-08
AC007255.8	KRT17	0.339892399	2.47E-13
AC007255.8	HPCAL4	0.731960005	7.91E-75
AC007255.8	GABBR2	0.534098664	9.61E-34
AC007255.8	DIRAS3	0.642718028	1.61E-52
AC007255.8	SERINC2	0.199265389	2.61E-05
AC007255.8	PTCHD4	0.439647712	3.56E-22
AC007255.8	EPS8	0.647023074	2.00E-53
AC007255.8	LY6E	0.48758241	1.35E-27
AC007255.8	UPP1	0.346170756	8.37E-14
AC007255.8	AHNAK2	0.265311364	1.66E-08
AC007255.8	PLXNC1	0.610406497	3.62E-46
AC007255.8	TNC	0.266723354	1.38E-08
AC007255.8	DUSP4	0.521971858	4.76E-32
AC007255.8	NRCAM	0.566889534	1.09E-38
AC007255.8	NRP2	0.726162973	4.11E-73
AC007255.8	CTSC	0.400325091	2.51E-18
AC007255.8	AMIGO2	0.732527851	5.34E-75
AC007255.8	NAB2	0.549801756	4.82E-36
AC007255.8	TBC1D2	0.328394499	1.69E-12
AC007255.8	PHLDA3	0.248970642	1.26E-07
AC007255.8	PTP4A3	0.386171004	4.62E-17
AC007255.8	CRABP2	0.339921263	2.46E-13
AC007255.8	GOS2	0.513058518	7.60E-31
AC007255.8	S100A6	0.27521019	4.53E-09
AC007255.8	FOXQ1	0.389733958	2.25E-17
AC007255.8	LRG1	0.513120217	7.46E-31
AC007255.8	LAMP5	0.496257818	1.13E-28
AC007255.8	ALDH3B1	0.27469993	4.85E-09

AC007255.8	CDH2	0.542477419	5.90E-35
AC007255.8	SCG5	0.615581147	3.89E-47
AC007255.8	ZCCHC16	0.764745239	1.90E-85
AC007255.8	GRB7	0.494831998	1.71E-28
AC007255.8	TIAM1	0.665076269	2.19E-57
AC007255.8	FXD5	0.474416929	5.08E-26
AC007255.8	CLDN9	0.354900275	1.78E-14
AC007255.8	FAM43A	0.480191764	1.05E-26
AC007255.8	CHST2	0.649552743	5.78E-54
AC007255.8	HMGA2	0.625117579	5.73E-49
AC007255.8	GALNT7	0.58054251	6.49E-41
AC007255.8	CBLN1	0.361634427	5.21E-15
AC007255.8	STRA6	0.549397661	5.54E-36
AC007255.8	MUC21	0.30676809	5.09E-11
AC007255.8	PRR36	0.615345556	4.31E-47
AC007255.8	NFE2L3	0.371007674	8.98E-16
AC007255.8	NR1D1	0.191455543	5.40E-05
AC007255.8	MUC1	0.092204888	0.053543302
AC007255.8	NAT8L	0.713187625	1.99E-69
AC007255.8	APOC1	0.559440239	1.62E-37
AC007255.8	EVA1A	0.442262766	1.90E-22
AC007255.8	ENTPD1	0.572309918	1.47E-39
AC007255.8	COL1A1	0.314891729	1.46E-11
AC007255.8	FNDC4	0.357093931	1.20E-14
AC007255.8	FRMD3	0.637536357	1.89E-51
AC007255.8	SHROOM4	0.679706574	8.39E-61
AC007255.8	NELL2	0.710259323	1.27E-68
AC007255.8	EPHB3	0.404253985	1.09E-18
AC007255.8	TMC6	0.489076027	8.85E-28
AC007255.8	NOD1	0.705553445	2.36E-67
AC007255.8	GGCT	0.526818226	1.02E-32
AC007255.8	ICAM1	0.397562384	4.48E-18
AC007255.8	PRSS23	0.543172989	4.66E-35
AC007255.8	CFI	0.507505942	4.10E-30
AC007255.8	CD55	0.309331069	3.45E-11
AC007255.8	RASD2	0.665344554	1.91E-57
AC007255.8	KLK11	0.559959568	1.35E-37
AC007255.8	ICAM5	0.650562482	3.51E-54
AC007255.8	ADORA1	0.364040555	3.34E-15
AC007255.8	ITGA2	0.377407941	2.62E-16
AC007255.8	ABCC3	0.555320858	7.01E-37
AC007255.8	MFGE8	0.546439148	1.53E-35
AC007255.8	STK32A	0.504383606	1.04E-29
AC007255.8	CYSLTR2	0.729507213	4.26E-74
AC007255.8	LAD1	0.390412082	1.96E-17
AC007255.8	MGAT3	0.349715554	4.49E-14
AC007255.8	IGFBP6	0.595572584	1.72E-43
AC007255.8	CYP2S1	0.259414549	3.50E-08
AC007255.8	KCNJ2	0.598196149	5.93E-44
AC007255.8	FAM20A	0.507017028	4.74E-30
AC007255.8	TGFA	0.687582374	1.00E-62

AC007255.8	MXRA8	0.608426235	8.39E-46
AC007255.8	C8orf4	0.362176884	4.71E-15
AC007255.8	CLDN10	0.511010747	1.42E-30
AC007255.8	PDE5A	0.607809952	1.09E-45
AC007255.8	APOE	0.641037753	3.59E-52
AC007255.8	SPOCK2	0.330092079	1.28E-12
AC007255.8	TENM1	0.685610481	3.07E-62
AC007255.8	SLIT1	0.625297499	5.29E-49
AC007255.8	CXCL14	0.526698515	1.06E-32
AC007255.8	ECM1	0.501014545	2.82E-29
AC007255.8	DUSP5	0.377012569	2.82E-16
AC007255.8	SEZ6L2	0.347816069	6.27E-14
AC007255.8	THRSP	0.308005032	4.22E-11
AC007255.8	C19orf33	0.248861144	1.27E-07
AC007255.8	MPZL2	0.538425907	2.30E-34
AC007255.8	CTSH	0.498386441	6.10E-29
AC007255.8	CYP1B1	0.533878745	1.03E-33
AC007255.8	ALOX5	0.179061728	0.000162211
AC007255.8	SYTL5	0.540093047	1.32E-34
AC007255.8	TNFRSF12A	0.517671209	1.83E-31
AC007255.8	DUSP6	0.601804419	1.34E-44
AC007255.8	ALOX15B	0.310227693	3.01E-11
AC007255.8	SDC4	0.710344709	1.20E-68
AC007255.8	MDK	0.653686804	7.43E-55
AC007255.8	KRT19	0.24864009	1.31E-07
AC007255.8	MET	0.428536815	4.91E-21
AC007255.8	TESC	0.753974858	8.94E-82
AC007255.8	CXCL17	0.229879562	1.13E-06
AC007255.8	NPC2	0.592554286	5.82E-43
AC007255.8	COMP	0.45633253	5.77E-24
AC007255.8	TUSC3	0.703300643	9.37E-67
AC007255.8	TMPRSS4	0.381253434	1.23E-16
AC007255.8	LGALS3	0.330239661	1.25E-12
AC007255.8	CRLF1	0.411297909	2.38E-19
AC007255.8	CTXN1	0.568359962	6.36E-39
AC007255.8	PCSK1N	0.471713794	1.05E-25
AC007255.8	NMU	0.207860192	1.13E-05
AC007255.8	GALE	0.516642888	2.52E-31
AC007255.8	PCSK2	0.296412385	2.36E-10
AC007255.8	GJB3	0.630951134	4.04E-50
AC007255.8	SLPI	0.187792382	7.53E-05
AC007255.8	AGR2	0.462560039	1.17E-24
AC007255.8	MRC2	0.577394856	2.16E-40
AC007255.8	GOLT1A	0.616728257	2.36E-47
AC007255.8	SLC27A6	0.478545334	1.66E-26
AC007255.8	KCNN4	0.388887402	2.67E-17
AC007255.8	ETV4	0.579860364	8.43E-41
AC007255.8	SYT12	0.615921982	3.36E-47
AC007255.8	PVRL4	0.385150059	5.67E-17
AC007255.8	PLCD3	0.47754742	2.17E-26
AC007255.8	PLAU	0.395336177	7.12E-18

AC007255.8	LRRK2	0.637917686	1.58E-51
AC007255.8	SFN	0.268153358	1.15E-08
AC007255.8	LPAR5	0.610663081	3.24E-46
AC007255.8	NGEF	0.411695763	2.18E-19
AC007255.8	DTX4	0.479699092	1.21E-26
AC007255.8	CST6	0.568405208	6.26E-39
AC007255.8	QPCT	0.713334781	1.81E-69
AC007255.8	TIMP1	0.617086609	2.02E-47
AC007255.8	CAMK2N1	0.642504776	1.78E-52
AC007255.8	KLHDC8A	0.627111244	2.33E-49
AC007255.8	PDLIM4	0.449997651	2.84E-23
AC007255.8	SCEL	0.43528203	1.01E-21
AC007255.8	LCN2	0.139143391	0.003485865
AC007255.8	PROS1	0.381153722	1.25E-16
AC007255.8	GABRB2	0.562091604	6.26E-38
AC007255.8	TMPRSS6	0.422671204	1.89E-20
AC007255.8	KLK7	0.383212685	8.34E-17
AC007255.8	PDZK1IP1	0.264316092	1.88E-08
AC007255.8	CDH3	0.680541783	5.28E-61
AC007255.8	LRP4	0.790231239	5.55E-95
AC007255.8	IGSF1	0.536867399	3.85E-34
AC007255.8	B3GNT3	0.205050366	1.49E-05
AC007255.8	CLDN1	0.452590082	1.48E-23
AC007255.8	GDF15	0.208555662	1.05E-05
AC007255.8	ARHGAP36	0.498868329	5.30E-29
AC007255.8	LAMB3	0.442302835	1.88E-22
AC007255.8	KLK10	0.514231016	5.30E-31
AC007255.8	DPP4	0.364969376	2.81E-15
AC007255.8	METTL7B	0.611399429	2.37E-46
AC007255.8	LIPH	0.49755882	7.77E-29
AC007255.8	CLDN16	0.405895113	7.67E-19
AC007255.8	CHI3L1	0.309795302	3.21E-11
AC007255.8	SLC22A31	0.604662158	4.09E-45
AC007255.8	TACSTD2	0.505726593	6.98E-30
AC007255.8	SFTPB	0.284970511	1.20E-09
AC007255.8	RXRG	0.730627373	1.98E-74
AC007255.8	DCSTAMP	0.454050081	1.03E-23
AC007255.8	CITED1	0.508430721	3.10E-30
AC007255.8	SERPINA1	0.430598633	3.04E-21
AC007255.8	PRR15	0.941806032	5.08E-209
AC007255.8	SLC34A2	0.233131103	7.86E-07
AC007255.8	FN1	0.294782036	2.99E-10
AC007255.8	ZCCHC12	0.696020985	7.41E-65
TNRC6C-AS1	TFF3	-0.524453289	0
TNRC6C-AS1	CCL21	-0.327004416	2.12E-12
TNRC6C-AS1	TPO	-0.606056446	0
TNRC6C-AS1	MT1G	-0.574770011	0
TNRC6C-AS1	DIO1	-0.6035082	0
TNRC6C-AS1	DPT	-0.348430057	5.63E-14
TNRC6C-AS1	CDH16	-0.624491301	0
TNRC6C-AS1	CRABP1	-0.494462462	1.90E-28

TNRC6C-AS1	SLC26A7	-0.549134935	0
TNRC6C-AS1	MT1H	-0.567965172	7.36E-39
TNRC6C-AS1	SLC26A4	-0.494963505	0
TNRC6C-AS1	SLC5A8	-0.673686668	2.26E-59
TNRC6C-AS1	PKHD1L1	-0.619886353	5.90E-48
TNRC6C-AS1	TFCP2L1	-0.6767302	0
TNRC6C-AS1	WSCD2	-0.574160345	7.34E-40
TNRC6C-AS1	IPCEF1	-0.576345963	0
TNRC6C-AS1	SLC5A5	-0.450466008	2.52E-23
TNRC6C-AS1	MT1F	-0.571874973	0
TNRC6C-AS1	FOSB	-0.382886074	6.24E-18
TNRC6C-AS1	SEMA3D	-0.619195196	8.01E-48
TNRC6C-AS1	BMP8A	-0.45636565	0
TNRC6C-AS1	MATN2	-0.632105544	0
TNRC6C-AS1	PLA2R1	-0.621896391	0
TNRC6C-AS1	COL23A1	-0.514406256	0
TNRC6C-AS1	HGD	-0.595551704	0
TNRC6C-AS1	TCEAL2	-0.455232088	0
TNRC6C-AS1	CHRD1	-0.35477496	1.82E-14
TNRC6C-AS1	TNFRSF11B	-0.604290431	0
TNRC6C-AS1	FAM167A	-0.558643271	0
TNRC6C-AS1	KIT	-0.63815277	0
TNRC6C-AS1	SLC4A4	-0.695583192	0
TNRC6C-AS1	SMOC2	-0.386640219	0
TNRC6C-AS1	FHL1	-0.594104823	0
TNRC6C-AS1	OTOS	-0.556385933	0
TNRC6C-AS1	IGFBPL1	-0.660642417	2.18E-56
TNRC6C-AS1	HBB	-0.35579277	1.98E-14
TNRC6C-AS1	BEX1	-0.314066697	2.14E-11
TNRC6C-AS1	FABP4	-0.469970026	1.67E-25
TNRC6C-AS1	LMOD1	-0.51626106	0
TNRC6C-AS1	SOD3	-0.510015404	0
TNRC6C-AS1	TMEM171	-0.582957985	0
TNRC6C-AS1	PI16	-0.305954039	7.23E-11
TNRC6C-AS1	ZMAT4	-0.595586538	1.71E-43
TNRC6C-AS1	MFAP4	-0.186677947	8.56E-05
TNRC6C-AS1	CWH43	-0.641408522	3.01E-52
TNRC6C-AS1	SPX	-0.535320566	0
TNRC6C-AS1	APOD	-0.20441383	1.65E-05
TNRC6C-AS1	DPP6	-0.580334424	0
TNRC6C-AS1	MMRN1	-0.438890039	0
TNRC6C-AS1	WDR72	-0.615376563	0
TNRC6C-AS1	MPPED2	-0.579422127	0
TNRC6C-AS1	PAPSS2	-0.537719599	0
TNRC6C-AS1	DCN	-0.245425753	2.10E-07
TNRC6C-AS1	SORBS2	-0.638611755	0
TNRC6C-AS1	EGR2	-0.317124139	1.34E-11
TNRC6C-AS1	EDN3	-0.269992683	9.03E-09
TNRC6C-AS1	DIO2	-0.565040409	0
TNRC6C-AS1	ITPR1	-0.575335658	0
TNRC6C-AS1	CFD	-0.209918529	9.64E-06

TNRC6C-AS1	CPXM1	-0.391765645	0
TNRC6C-AS1	ELM01	-0.539567595	0
TNRC6C-AS1	GPC3	-0.426859925	7.23E-21
TNRC6C-AS1	MYOC	-0.123011956	0.009884522
TNRC6C-AS1	DEPTOR	-0.671524352	0
TNRC6C-AS1	DGKI	-0.654302629	0
TNRC6C-AS1	CARTPT	-0.475303744	4.00E-26
TNRC6C-AS1	IYD	-0.594275028	0
TNRC6C-AS1	LYVE1	-0.365354295	3.00E-15
TNRC6C-AS1	CLCNKB	-0.482579989	0
TNRC6C-AS1	NCAM1	-0.652095644	0
TNRC6C-AS1	HBA2	-0.246137491	1.93E-07
TNRC6C-AS1	GLT8D2	-0.486608305	0
TNRC6C-AS1	OGDHL	-0.604608572	0
TNRC6C-AS1	LIFR	-0.566028731	0
TNRC6C-AS1	CSGALNACT1	-0.605696747	0
TNRC6C-AS1	RAP1GAP	-0.608252084	0
TNRC6C-AS1	COL9A3	-0.364605679	3.51E-15
TNRC6C-AS1	FBLN1	-0.276744951	4.30E-09
TNRC6C-AS1	EFEMP1	-0.489807158	0
TNRC6C-AS1	AOX1	-0.584780542	1.26E-41
TNRC6C-AS1	GRIN2C	-0.532699841	0
TNRC6C-AS1	C11orf74	-0.533952972	0
TNRC6C-AS1	PPARGC1A	-0.701073282	0
TNRC6C-AS1	ANGPTL1	-0.444224108	0
TNRC6C-AS1	SCARA5	-0.340345889	2.29E-13
TNRC6C-AS1	LTF	-0.458251942	0
TNRC6C-AS1	CA4	-0.340008049	2.43E-13
TNRC6C-AS1	TG	-0.479327238	0
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TNRC6C-AS1	CYR61	-0.429958413	0
TNRC6C-AS1	FOS	-0.402339603	0
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TNRC6C-AS1	MUM1L1	-0.547044682	0
TNRC6C-AS1	RGS16	-0.560718348	0
TNRC6C-AS1	MT1M	-0.546404571	0
TNRC6C-AS1	LRP2	-0.619566432	0
TNRC6C-AS1	MAFB	-0.614588091	0
TNRC6C-AS1	KCNK2	-0.555699867	0
TNRC6C-AS1	TBC1D4	-0.479622543	0
TNRC6C-AS1	MIOX	-0.408281175	4.59E-19
TNRC6C-AS1	TPPP	-0.605922126	0
TNRC6C-AS1	FMOD	-0.695836797	0
TNRC6C-AS1	CITED2	-0.573979978	0
TNRC6C-AS1	RGS8	-0.566825416	1.12E-38
TNRC6C-AS1	ABI3BP	-0.449733204	0
TNRC6C-AS1	ADH1B	-0.313818396	1.73E-11
TNRC6C-AS1	OGN	-0.316291327	1.18E-11
TNRC6C-AS1	NR4A1	-0.310735794	3.55E-11
TNRC6C-AS1	FOXJ1	-0.380674312	1.38E-16

TNRC6C-AS1	ALDH1A1	-0.47882783	0
TNRC6C-AS1	OCA2	-0.479543124	1.26E-26
TNRC6C-AS1	TMEM139	-0.423549077	0
TNRC6C-AS1	ARHGAP24	-0.557676651	0
TNRC6C-AS1	SLC25A15	-0.689906161	0
TNRC6C-AS1	DES	-0.28985745	6.05E-10
TNRC6C-AS1	GDF10	-0.419825855	3.59E-20
TNRC6C-AS1	KIAA1324	-0.489458664	0
TNRC6C-AS1	JUN	-0.416365877	0
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TNRC6C-AS1	LGI3	-0.498075837	0
TNRC6C-AS1	CDON	-0.554078101	0
TNRC6C-AS1	BCL2	-0.667485965	0
TNRC6C-AS1	HLF	-0.460557789	0
TNRC6C-AS1	EGR1	-0.362028498	5.93E-15
TNRC6C-AS1	IP6K3	-0.565451737	0
TNRC6C-AS1	SCUBE3	-0.55529166	0
TNRC6C-AS1	PKNOX2	-0.434628401	0
TNRC6C-AS1	SMAD9	-0.614562844	0
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TNRC6C-AS1	LAYN	-0.42918143	0
TNRC6C-AS1	AVPR1A	-0.506198424	0
TNRC6C-AS1	PDLIM3	-0.535525804	0
TNRC6C-AS1	GPM6A	-0.56172213	0
TNRC6C-AS1	SDPR	-0.365714419	2.78E-15
TNRC6C-AS1	CRYAB	-0.528580324	0
TNRC6C-AS1	FOXA2	-0.392300725	1.33E-17
TNRC6C-AS1	C8orf88	-0.543373653	0
TNRC6C-AS1	ISM1	-0.465833563	0
TNRC6C-AS1	BMP2	-0.527275139	0
TNRC6C-AS1	ID4	-0.546576335	0
TNRC6C-AS1	NUPR1	-0.527455697	0
TNRC6C-AS1	SERTM1	-0.638233457	1.36E-51
TNRC6C-AS1	IRS1	-0.522330412	0
TNRC6C-AS1	FIBIN	-0.526918844	0
TNRC6C-AS1	PODN	-0.257359078	5.05E-08
TNRC6C-AS1	TDRD9	-0.531124456	0
TNRC6C-AS1	EPHA3	-0.355501579	2.09E-14
TNRC6C-AS1	AIF1L	-0.509179415	0
TNRC6C-AS1	EBF4	-0.47541225	0
TNRC6C-AS1	ADM2	-0.554376952	0
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TNRC6C-AS1	HSD17B6	-0.36982954	1.13E-15
TNRC6C-AS1	AGR3	-0.395667396	6.65E-18
TNRC6C-AS1	EPHB1	-0.552685686	0
TNRC6C-AS1	TMOD1	-0.469871382	0
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TNRC6C-AS1	SELV	-0.536016933	5.11E-34
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TNRC6C-AS1	SYNE1	-0.581776502	4.03E-41

TNRC6C-AS1	PLCH1	-0.558461578	0
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TNRC6C-AS1	IER2	-0.299835185	1.77E-10
TNRC6C-AS1	KCNAB1	-0.3152126	1.80E-11
TNRC6C-AS1	SYNDIG1	-0.539451573	0
TNRC6C-AS1	C16orf89	-0.388462117	0
TNRC6C-AS1	CTGF	-0.341310774	2.64E-13
TNRC6C-AS1	NR4A3	-0.313534383	2.32E-11
TNRC6C-AS1	KIAA1456	-0.497610044	0
TNRC6C-AS1	AQP4	-0.418857956	0
TNRC6C-AS1	RNF150	-0.60666904	0
TNRC6C-AS1	C1S	-0.19708468	3.32E-05
TNRC6C-AS1	PFKFB2	-0.623629073	0
TNRC6C-AS1	PROX1	-0.540309829	0
TNRC6C-AS1	TCF7L1	-0.47129798	0
TNRC6C-AS1	HSPB6	-0.229728779	1.23E-06
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TNRC6C-AS1	FGL2	-0.271076572	9.01E-09
TNRC6C-AS1	CLCNKA	-0.47276899	7.91E-26
TNRC6C-AS1	GATM	-0.490312098	0
TNRC6C-AS1	TNS3	-0.609442523	0
TNRC6C-AS1	TOB1	-0.482307945	0
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TNRC6C-AS1	LRRC2	-0.5880949	0
TNRC6C-AS1	SORD	-0.49374867	0
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TNRC6C-AS1	KCNIP3	-0.377167342	1.65E-16
TNRC6C-AS1	CGNL1	-0.481688259	0

TNRC6C-AS1	ATF3	-0.259604501	3.83E-08
TNRC6C-AS1	SGCD	-0.547912016	0
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TNRC6C-AS1	PRKCQ	-0.552934468	0
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TNRC6C-AS1	LIPG	-0.404514392	0
TNRC6C-AS1	SLC25A25	-0.566036815	0
TNRC6C-AS1	PRKX	-0.500663798	0
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TNRC6C-AS1	FAM189A1	-0.417623973	0
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TNRC6C-AS1	MT1X	-0.385619133	0
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TNRC6C-AS1	ARC	-0.127002102	0.007751847
TNRC6C-AS1	KLK4	-0.505520841	7.43E-30
TNRC6C-AS1	ZFPM2	-0.386592987	0
TNRC6C-AS1	AKAP12	-0.491152625	0
TNRC6C-AS1	GJB6	-0.541955075	7.03E-35
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TNRC6C-AS1	CAPSL	-0.403284881	1.34E-18
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TNRC6C-AS1	RPS6KA6	-0.547615454	1.02E-35
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TNRC6C-AS1	KATNAL2	-0.503197718	0
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TNRC6C-AS1	SRF	-0.367404551	1.94E-15
TNRC6C-AS1	FGFR2	-0.442619221	0
TNRC6C-AS1	MT1A	-0.38270255	9.23E-17
TNRC6C-AS1	MAMDC2	-0.349165998	6.68E-14
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TNRC6C-AS1	FTCDNL1	-0.630622637	0
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TNRC6C-AS1	DNAJB4	-0.459711872	0
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TNRC6C-AS1	ALDH1B1	-0.6510899	2.71E-54
TNRC6C-AS1	CXCL12	-0.197425089	3.22E-05
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TNRC6C-AS1	TUB	-0.499851638	0
TNRC6C-AS1	HTRA3	-0.314581141	1.98E-11
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TNRC6C-AS1	RGS2	-0.263709977	2.30E-08
TNRC6C-AS1	SHANK2	-0.532205397	0
TNRC6C-AS1	CNTFR	-0.356764349	1.27E-14
TNRC6C-AS1	CYTH3	-0.522905136	0
TNRC6C-AS1	PLAC9	-0.157882173	0.000913958
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TNRC6C-AS1	CRELD2	-0.427161527	0
TNRC6C-AS1	PCP4	-0.23736217	5.28E-07
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TNRC6C-AS1	IMPA2	-0.543579459	0
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TNRC6C-AS1	IL33	-0.255013384	6.04E-08
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TNRC6C-AS1	FAHD2A	-0.438853162	0
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TNRC6C-AS1	PRDM16	-0.45758389	0
TNRC6C-AS1	UST	-0.369383462	1.25E-15
TNRC6C-AS1	NEXN	-0.529679703	0
TNRC6C-AS1	NUPR1L	-0.14500164	0.002322392
TNRC6C-AS1	SLC24A3	-0.671697961	0
TNRC6C-AS1	MARC1	-0.434992497	0
TNRC6C-AS1	MYH11	-0.243702148	2.56E-07
TNRC6C-AS1	APOA1	-0.39469566	8.13E-18
TNRC6C-AS1	TMEM178B	-0.458327967	0
TNRC6C-AS1	CAPN6	-0.24084813	3.27E-07
TNRC6C-AS1	PPM1L	-0.604980895	0
TNRC6C-AS1	FZD8	-0.546786254	0
TNRC6C-AS1	RCAN2	-0.508537035	0
TNRC6C-AS1	COPZ2	-0.595254697	0
TNRC6C-AS1	GAS1	-0.373775024	4.33E-16
TNRC6C-AS1	DACT1	-0.493603996	0
TNRC6C-AS1	WBSCR17	-0.415231606	0
TNRC6C-AS1	NCS1	-0.400355302	0
TNRC6C-AS1	SPIRE2	-0.411952757	0
TNRC6C-AS1	C15orf52	-0.531971366	0
TNRC6C-AS1	SPAG5	-0.426543543	0
TNRC6C-AS1	ARL4D	-0.467326115	0
TNRC6C-AS1	FAM189A2	-0.263009444	2.51E-08
TNRC6C-AS1	MAP1LC3A	-0.37120763	8.19E-16
TNRC6C-AS1	KLF6	-0.251955367	9.71E-08
TNRC6C-AS1	ADD3	-0.40419072	0
TNRC6C-AS1	TSPAN7	-0.299429957	1.87E-10
TNRC6C-AS1	KLF9	-0.377114153	1.68E-16
TNRC6C-AS1	KCNQ1	-0.451772113	0
TNRC6C-AS1	MAN1A1	-0.273723679	6.39E-09
TNRC6C-AS1	MLF1	-0.362327207	5.58E-15
TNRC6C-AS1	RARB	-0.490604992	0
TNRC6C-AS1	CDC42EP2	-0.351670274	4.25E-14
TNRC6C-AS1	FAM3B	-0.281904986	2.16E-09
TNRC6C-AS1	GADD45B	-0.288250779	9.08E-10
TNRC6C-AS1	TMEM47	-0.406919666	0
TNRC6C-AS1	SDF2L1	-0.332079162	1.24E-12
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TNRC6C-AS1	CRYBG3	-0.524148197	0
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TNRC6C-AS1	ACKR3	-0.470604822	0
TNRC6C-AS1	DENND6A	-0.614344415	0
TNRC6C-AS1	CLDN8	-0.441635581	0
TNRC6C-AS1	UTS2R	-0.281859262	1.84E-09
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TNRC6C-AS1	ALDH2	-0.524147204	0
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TNRC6C-AS1	PRKG1	-0.451754809	0
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TNRC6C-AS1	ABCC4	-0.516973366	0
TNRC6C-AS1	PRPS1	-0.657807992	0
TNRC6C-AS1	TSPAN5	-0.627828303	0
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TNRC6C-AS1	EPHA2	0.403290054	0
TNRC6C-AS1	TMEM130	0.494281411	0
TNRC6C-AS1	SPINK2	0.441369211	0
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TNRC6C-AS1	CD276	0.516461901	0
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TNRC6C-AS1	PDZRN4	0.433337116	0
TNRC6C-AS1	EFHD2	0.445588723	0
TNRC6C-AS1	ASF1B	0.38845233	0
TNRC6C-AS1	AQP1	0.367202858	2.02E-15
TNRC6C-AS1	ARRDC2	0.681778042	0
TNRC6C-AS1	PRSS1	0.479883521	1.15E-26
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TNRC6C-AS1	FAXC	0.494857978	0
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TNRC6C-AS1	CDC42EP3	0.352372652	3.74E-14
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TNRC6C-AS1	CACNG4	0.367669905	1.69E-15
TNRC6C-AS1	FHOD1	0.629019452	0
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TNRC6C-AS1	CCL17	0.367038411	1.90E-15
TNRC6C-AS1	C16orf45	0.553910733	0
TNRC6C-AS1	PRDM1	0.442225481	0
TNRC6C-AS1	TRIM47	0.580710008	0
TNRC6C-AS1	CNFN	0.406381678	0
TNRC6C-AS1	ARMCX3	0.53451408	0
TNRC6C-AS1	RAMP1	0.578474939	0
TNRC6C-AS1	GABRD	0.358983538	1.08E-14
TNRC6C-AS1	COL13A1	0.473688503	0
TNRC6C-AS1	S100A5	0.48973241	0
TNRC6C-AS1	MISP	0.339592133	3.55E-13
TNRC6C-AS1	HES6	0.455591787	0
TNRC6C-AS1	PSD3	0.402152378	0
TNRC6C-AS1	DOK7	0.545049033	0
TNRC6C-AS1	ZMAT3	0.314707518	1.94E-11
TNRC6C-AS1	MFAP2	0.552674339	0
TNRC6C-AS1	TMEM79	0.642299662	0
TNRC6C-AS1	SLC1A5	0.445023361	0
TNRC6C-AS1	BBC3	0.559253738	0
TNRC6C-AS1	HLA-DQB2	0.359812718	9.18E-15
TNRC6C-AS1	C1QL1	0.524700795	0
TNRC6C-AS1	TMEM215	0.369790485	1.13E-15
TNRC6C-AS1	PNP	0.441892306	0
TNRC6C-AS1	ARNTL	0.47387743	0

TNRC6C-AS1	CLDN2	0.517067422	2.21E-31
TNRC6C-AS1	MVP	0.604258234	0
TNRC6C-AS1	LGALS1	0.529620983	0
TNRC6C-AS1	BIRC7	0.656085987	2.22E-55
TNRC6C-AS1	COL8A1	0.451716229	0
TNRC6C-AS1	PERP	0.38265261	9.05E-18
TNRC6C-AS1	GJA4	0.432820403	0
TNRC6C-AS1	IGFL2	0.512523588	8.95E-31
TNRC6C-AS1	DAPK2	0.492213993	0
TNRC6C-AS1	MAMLD1	0.563844581	0
TNRC6C-AS1	ETV5	0.473963525	0
TNRC6C-AS1	RUNX1	0.400287504	0
TNRC6C-AS1	LONRF2	0.4056515	0
TNRC6C-AS1	SPOCK1	0.306491885	6.68E-11
TNRC6C-AS1	XKRX	0.448433693	0
TNRC6C-AS1	TGFB1	0.528543162	0
TNRC6C-AS1	ERP27	0.234832646	7.00E-07
TNRC6C-AS1	TNFRSF10C	0.305687243	7.52E-11
TNRC6C-AS1	PALM	0.623116048	0
TNRC6C-AS1	TSC22D1	0.607508716	0
TNRC6C-AS1	TGM2	0.323208526	5.18E-12
TNRC6C-AS1	UBE2QL1	0.44649719	0
TNRC6C-AS1	ECE1	0.618120828	0
TNRC6C-AS1	COL8A2	0.51409549	0
TNRC6C-AS1	HIST3H2A	0.416916347	0
TNRC6C-AS1	TNFRSF21	0.319090852	9.88E-12
TNRC6C-AS1	SOX4	0.411118187	0
TNRC6C-AS1	ELF3	0.381309979	2.95E-17
TNRC6C-AS1	TPD52L1	0.469374101	0
TNRC6C-AS1	INHBB	0.539759501	0
TNRC6C-AS1	HPN	0.575079216	0
TNRC6C-AS1	MMP7	0.261396565	2.73E-08
TNRC6C-AS1	RAB27A	0.552858586	0
TNRC6C-AS1	IGF2BP2	0.645197111	0
TNRC6C-AS1	ITGB4	0.49284148	0
TNRC6C-AS1	PPP1R1B	0.677864614	0
TNRC6C-AS1	NPDC1	0.682446095	0
TNRC6C-AS1	CCL13	0.423880275	1.43E-20
TNRC6C-AS1	SPINT1	0.509225654	0
TNRC6C-AS1	HEY2	0.620001305	0
TNRC6C-AS1	CST2	0.280157544	2.33E-09
TNRC6C-AS1	ADM	0.441801246	0
TNRC6C-AS1	VSTM2L	0.251232423	1.06E-07
TNRC6C-AS1	FAM84A	0.39472295	0
TNRC6C-AS1	P4HA2	0.491699833	0
TNRC6C-AS1	LPL	0.496526267	0
TNRC6C-AS1	TMEM173	0.616137094	0
TNRC6C-AS1	DHRS3	0.659897253	0
TNRC6C-AS1	SCN1B	0.644653591	0
TNRC6C-AS1	GLT1D1	0.528829106	0
TNRC6C-AS1	PHYHIP	0.583255417	0

TNRC6C-AS1	BHLHE40	0.391190921	0
TNRC6C-AS1	BID	0.672811524	0
TNRC6C-AS1	POSTN	0.177902059	0.000183213
TNRC6C-AS1	ITGA3	0.486775248	0
TNRC6C-AS1	RSP04	0.521361523	0
TNRC6C-AS1	ADAMTS9	0.533336832	0
TNRC6C-AS1	ABTB2	0.461057339	0
TNRC6C-AS1	KCNQ3	0.410868979	0
TNRC6C-AS1	ANXA1	0.549119475	0
TNRC6C-AS1	S100A11	0.559988738	0
TNRC6C-AS1	CEACAM6	0.329501965	1.41E-12
TNRC6C-AS1	IER5L	0.628003756	0
TNRC6C-AS1	KRT80	0.312784064	2.60E-11
TNRC6C-AS1	CDH6	0.362585067	5.30E-15
TNRC6C-AS1	UNC5B	0.420128107	0
TNRC6C-AS1	PLEKHN1	0.681052261	0
TNRC6C-AS1	SYTL1	0.63042832	0
TNRC6C-AS1	TMEM163	0.404115972	0
TNRC6C-AS1	C4orf48	0.459555	0
TNRC6C-AS1	B3GNT7	0.53177407	0
TNRC6C-AS1	BAIAP3	0.716799615	0
TNRC6C-AS1	PHLDA2	0.56932148	0
TNRC6C-AS1	GAP43	0.549776792	4.86E-36
TNRC6C-AS1	S100A1	0.375868398	2.45E-16
TNRC6C-AS1	PTPRE	0.521771858	0
TNRC6C-AS1	CCND1	0.458231518	0
TNRC6C-AS1	ST6GALNAC5	0.33266476	8.37E-13
TNRC6C-AS1	KRT17	0.342905023	2.01E-13
TNRC6C-AS1	HPCAL4	0.608427821	0
TNRC6C-AS1	GABBR2	0.444449629	0
TNRC6C-AS1	DIRAS3	0.591573598	0
TNRC6C-AS1	SERINC2	0.452523424	0
TNRC6C-AS1	PTCHD4	0.379153204	8.29E-17
TNRC6C-AS1	EPS8	0.480967868	0
TNRC6C-AS1	LY6E	0.640837747	0
TNRC6C-AS1	UPP1	0.559732864	0
TNRC6C-AS1	AHNAK2	0.451480921	0
TNRC6C-AS1	PLXNC1	0.585888056	0
TNRC6C-AS1	TNC	0.317974736	1.17E-11
TNRC6C-AS1	DUSP4	0.553860239	0
TNRC6C-AS1	NRCAM	0.451361636	0
TNRC6C-AS1	NRP2	0.603688758	0
TNRC6C-AS1	CTSC	0.571787318	0
TNRC6C-AS1	AMIG02	0.60578426	0
TNRC6C-AS1	NAB2	0.670233067	0
TNRC6C-AS1	TBC1D2	0.470270795	0
TNRC6C-AS1	PHLDA3	0.501013001	0
TNRC6C-AS1	PTP4A3	0.567465966	0
TNRC6C-AS1	CRABP2	0.514938429	0
TNRC6C-AS1	GOS2	0.607220787	0
TNRC6C-AS1	S100A6	0.534694071	0

TNRC6C-AS1	FOXQ1	0.391424811	0
TNRC6C-AS1	LRG1	0.540678464	0
TNRC6C-AS1	LAMP5	0.447549054	0
TNRC6C-AS1	ALDH3B1	0.517070099	0
TNRC6C-AS1	CDH2	0.254043351	7.56E-08
TNRC6C-AS1	SCG5	0.483370164	0
TNRC6C-AS1	ZCCHC16	0.580230831	7.31E-41
TNRC6C-AS1	GRB7	0.612346213	0
TNRC6C-AS1	TIAM1	0.459538405	0
TNRC6C-AS1	FXYD5	0.66436257	0
TNRC6C-AS1	CLDN9	0.53930236	0
TNRC6C-AS1	FAM43A	0.597696707	0
TNRC6C-AS1	CHST2	0.621921921	0
TNRC6C-AS1	HMGA2	0.692871975	0
TNRC6C-AS1	GALNT7	0.559947605	0
TNRC6C-AS1	CBLN1	0.448954093	0
TNRC6C-AS1	STRA6	0.620859136	0
TNRC6C-AS1	MUC21	0.461852205	1.40E-24
TNRC6C-AS1	PRR36	0.676724952	0
TNRC6C-AS1	NFE2L3	0.427358397	0
TNRC6C-AS1	NR1D1	0.339255837	3.75E-13
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TNRC6C-AS1	NAT8L	0.621702074	0
TNRC6C-AS1	APOC1	0.558597741	0
TNRC6C-AS1	EVA1A	0.513858055	0
TNRC6C-AS1	ENTPD1	0.407338086	0
TNRC6C-AS1	COL1A1	0.363120644	4.76E-15
TNRC6C-AS1	FNDC4	0.40107087	0
TNRC6C-AS1	FRMD3	0.375773509	2.52E-16
TNRC6C-AS1	SHROOM4	0.597973431	0
TNRC6C-AS1	NELL2	0.624630018	0
TNRC6C-AS1	EPHB3	0.546729803	0
TNRC6C-AS1	TMC6	0.823105269	0
TNRC6C-AS1	NOD1	0.658808653	0
TNRC6C-AS1	GGCT	0.651687862	0
TNRC6C-AS1	ICAM1	0.481035666	0
TNRC6C-AS1	PRSS23	0.526132215	0
TNRC6C-AS1	CFI	0.517128252	0
TNRC6C-AS1	CD55	0.384269553	0
TNRC6C-AS1	RASD2	0.582716153	0
TNRC6C-AS1	KLK11	0.469956735	1.68E-25
TNRC6C-AS1	ICAM5	0.694543809	0
TNRC6C-AS1	ADORA1	0.541510339	0
TNRC6C-AS1	ITGA2	0.380765183	4.03E-17
TNRC6C-AS1	ABCC3	0.506962076	0
TNRC6C-AS1	MFGE8	0.556139988	0
TNRC6C-AS1	STK32A	0.411613624	0
TNRC6C-AS1	CYSLTR2	0.496915468	0
TNRC6C-AS1	LAD1	0.598816227	0
TNRC6C-AS1	MGAT3	0.405102733	0
TNRC6C-AS1	IGFBP6	0.668068916	0

TNRC6C-AS1	CYP2S1	0.45161666	0
TNRC6C-AS1	KCNJ2	0.599377335	0
TNRC6C-AS1	FAM20A	0.576143987	0
TNRC6C-AS1	TGFA	0.617194915	0
TNRC6C-AS1	MXRA8	0.669179217	0
TNRC6C-AS1	C8orf4	0.353137154	3.25E-14
TNRC6C-AS1	CLDN10	0.547763751	9.74E-36
TNRC6C-AS1	PDE5A	0.54478011	0
TNRC6C-AS1	APOE	0.598523334	0
TNRC6C-AS1	SPOCK2	0.417024711	0
TNRC6C-AS1	TENM1	0.614516463	0
TNRC6C-AS1	SLIT1	0.53375284	0
TNRC6C-AS1	CXCL14	0.389215414	0
TNRC6C-AS1	ECM1	0.422307009	0
TNRC6C-AS1	DUSP5	0.44641535	0
TNRC6C-AS1	SEZ6L2	0.454878346	0
TNRC6C-AS1	THRSP	0.327034015	2.82E-12
TNRC6C-AS1	C19orf33	0.456563797	0
TNRC6C-AS1	MPZL2	0.524049904	0
TNRC6C-AS1	CTSH	0.672455513	0
TNRC6C-AS1	CYP1B1	0.525581461	0
TNRC6C-AS1	ALOX5	0.347997118	8.24E-14
TNRC6C-AS1	SYTL5	0.534184115	9.34E-34
TNRC6C-AS1	TNFRSF12A	0.595719072	0
TNRC6C-AS1	DUSP6	0.529612331	0
TNRC6C-AS1	ALOX15B	0.417045703	0
TNRC6C-AS1	SDC4	0.67082552	0
TNRC6C-AS1	MDK	0.597505794	0
TNRC6C-AS1	KRT19	0.450141128	0
TNRC6C-AS1	MET	0.492300513	0
TNRC6C-AS1	TESC	0.638469209	0
TNRC6C-AS1	CXCL17	0.429445404	3.97E-21
TNRC6C-AS1	NPC2	0.680962478	0
TNRC6C-AS1	COMP	0.476369508	0
TNRC6C-AS1	TUSC3	0.544063407	0
TNRC6C-AS1	TMPRSS4	0.483796526	0
TNRC6C-AS1	LGALS3	0.614689788	0
TNRC6C-AS1	CRLF1	0.409146084	0
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TNRC6C-AS1	PCSK1N	0.399279609	0
TNRC6C-AS1	NMU	0.383071935	8.58E-17
TNRC6C-AS1	GALE	0.82887804	0
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TNRC6C-AS1	SLPI	0.333460088	9.90E-13
TNRC6C-AS1	AGR2	0.304355676	9.15E-11
TNRC6C-AS1	MRC2	0.532103558	0
TNRC6C-AS1	GOLT1A	0.699558177	0
TNRC6C-AS1	SLC27A6	0.411617043	2.22E-19
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TNRC6C-AS1	ETV4	0.639178204	8.68E-52

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TNRC6C-AS1	PVRL4	0.566587569	0
TNRC6C-AS1	PLCD3	0.575304453	0
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TNRC6C-AS1	LRRK2	0.516190425	0
TNRC6C-AS1	SFN	0.431170837	0
TNRC6C-AS1	LPAR5	0.591426087	0
TNRC6C-AS1	NGEF	0.56425449	0
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TNRC6C-AS1	CST6	0.581863995	0
TNRC6C-AS1	QPCT	0.677878372	0
TNRC6C-AS1	TIMP1	0.710172701	0
TNRC6C-AS1	CAMK2N1	0.665587759	0
TNRC6C-AS1	KLHDC8A	0.410657358	0
TNRC6C-AS1	PDLIM4	0.597629334	0
TNRC6C-AS1	SCEL	0.411476326	0
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TNRC6C-AS1	GABRB2	0.504379647	0
TNRC6C-AS1	TMPRSS6	0.50009035	0
TNRC6C-AS1	KLK7	0.423213196	1.67E-20
TNRC6C-AS1	PDZK1IP1	0.455391229	0
TNRC6C-AS1	CDH3	0.635306382	0
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TNRC6C-AS1	ARHGAP36	0.358187938	9.80E-15
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TNRC6C-AS1	DPP4	0.395107896	0
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TNRC6C-AS1	CHI3L1	0.521002817	0
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TNRC6C-AS1	TACSTD2	0.529072924	0
TNRC6C-AS1	SFTPB	0.406129208	0
TNRC6C-AS1	RXRG	0.685359146	0
TNRC6C-AS1	DCSTAMP	0.525368223	1.62E-32
TNRC6C-AS1	CITED1	0.561236621	0
TNRC6C-AS1	SERPINA1	0.64292176	0
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RP11-28001.2	TFF3	-0.499309818	4.66E-29
RP11-28001.2	CCL21	-0.350140614	4.16E-14
RP11-28001.2	TPO	-0.582775935	2.74E-41
RP11-28001.2	MT1G	-0.611191706	2.59E-46

RP11-28001.2	DIO1	-0.587806919	3.84E-42
RP11-28001.2	DPT	-0.346287236	8.20E-14
RP11-28001.2	CDH16	-0.558235028	2.50E-37
RP11-28001.2	CRABP1	-0.34143686	1.90E-13
RP11-28001.2	SLC26A7	-0.487310629	1.46E-27
RP11-28001.2	MT1H	-0.603291147	7.25E-45
RP11-28001.2	SLC26A4	-0.473006152	7.42E-26
RP11-28001.2	SLC5A8	-0.630252888	5.56E-50
RP11-28001.2	PKHD1L1	-0.529744341	3.97E-33
RP11-28001.2	TFCP2L1	-0.598182066	5.96E-44
RP11-28001.2	WSCD2	-0.557503165	3.24E-37
RP11-28001.2	IPCEF1	-0.532814727	1.46E-33
RP11-28001.2	SLC5A5	-0.476920917	2.58E-26
RP11-28001.2	MT1F	-0.625684828	4.44E-49
RP11-28001.2	FOSB	-0.299943974	1.41E-10
RP11-28001.2	SEMA3D	-0.584005121	1.70E-41
RP11-28001.2	BMP8A	-0.462976663	1.05E-24
RP11-28001.2	MATN2	-0.499035362	5.05E-29
RP11-28001.2	PLA2R1	-0.528405843	6.12E-33
RP11-28001.2	COL23A1	-0.493686235	2.38E-28
RP11-28001.2	HGD	-0.640751967	4.11E-52
RP11-28001.2	TCEAL2	-0.45312504	1.30E-23
RP11-28001.2	CHRD1	-0.352968464	2.52E-14
RP11-28001.2	TNFRSF11B	-0.55908265	1.84E-37
RP11-28001.2	FAM167A	-0.501623758	2.36E-29
RP11-28001.2	KIT	-0.436647325	7.31E-22
RP11-28001.2	SLC4A4	-0.603268509	7.32E-45
RP11-28001.2	SMOC2	-0.350115811	4.18E-14
RP11-28001.2	FHL1	-0.55691849	3.98E-37
RP11-28001.2	OTOS	-0.620776959	3.98E-48
RP11-28001.2	IGFBPL1	-0.54044539	1.17E-34
RP11-28001.2	HBB	-0.314830128	1.48E-11
RP11-28001.2	BEX1	-0.268413162	1.11E-08
RP11-28001.2	FABP4	-0.402877236	1.46E-18
RP11-28001.2	LMOD1	-0.447134239	5.76E-23
RP11-28001.2	SOD3	-0.61792446	1.40E-47
RP11-28001.2	TMEM171	-0.585484752	9.55E-42
RP11-28001.2	PI16	-0.284357709	1.31E-09
RP11-28001.2	ZMAT4	-0.612528186	1.46E-46
RP11-28001.2	MFAP4	-0.18692639	8.14E-05
RP11-28001.2	CWH43	-0.591134099	1.03E-42
RP11-28001.2	SPX	-0.482955785	4.92E-27
RP11-28001.2	APOD	-0.175017411	0.00022866
RP11-28001.2	DPP6	-0.50857707	2.97E-30
RP11-28001.2	MMRN1	-0.354888083	1.78E-14
RP11-28001.2	WDR72	-0.404039113	1.14E-18
RP11-28001.2	MPPED2	-0.560847963	9.80E-38
RP11-28001.2	PAPSS2	-0.484337001	3.35E-27
RP11-28001.2	DCN	-0.230540501	1.05E-06
RP11-28001.2	SORBS2	-0.601465467	1.55E-44
RP11-28001.2	EGR2	-0.139530744	0.003395061

RP11-28001.2	EDN3	-0.244841057	2.05E-07
RP11-28001.2	DIO2	-0.393247389	1.10E-17
RP11-28001.2	ITPR1	-0.587184961	4.90E-42
RP11-28001.2	CFD	-0.322965657	4.08E-12
RP11-28001.2	CPXM1	-0.410743499	2.69E-19
RP11-28001.2	ELM01	-0.584477987	1.41E-41
RP11-28001.2	GPC3	-0.419177753	4.15E-20
RP11-28001.2	MYOC	-0.019957036	0.676681566
RP11-28001.2	DEPTOR	-0.530740067	2.88E-33
RP11-28001.2	DGKI	-0.509692623	2.12E-30
RP11-28001.2	CARTPT	-0.48490807	2.86E-27
RP11-28001.2	IYD	-0.478158691	1.84E-26
RP11-28001.2	LYVE1	-0.312388533	2.16E-11
RP11-28001.2	CLCNKB	-0.432217874	2.08E-21
RP11-28001.2	NCAM1	-0.663961159	3.93E-57
RP11-28001.2	HBA2	-0.283872766	1.40E-09
RP11-28001.2	GLT8D2	-0.476865414	2.62E-26
RP11-28001.2	OGDHL	-0.577618289	1.99E-40
RP11-28001.2	LIFR	-0.434991369	1.08E-21
RP11-28001.2	CSGALNACT1	-0.418737616	4.58E-20
RP11-28001.2	RAP1GAP	-0.477992315	1.93E-26
RP11-28001.2	COL9A3	-0.424817774	1.16E-20
RP11-28001.2	FBLN1	-0.299964541	1.40E-10
RP11-28001.2	EFEMP1	-0.475770285	3.52E-26
RP11-28001.2	AOX1	-0.546256851	1.63E-35
RP11-28001.2	GRIN2C	-0.561563392	7.57E-38
RP11-28001.2	C11orf74	-0.479765003	1.19E-26
RP11-28001.2	PPARGC1A	-0.651668508	2.03E-54
RP11-28001.2	ANGPTL1	-0.382636366	9.35E-17
RP11-28001.2	SCARA5	-0.313695413	1.76E-11
RP11-28001.2	LTF	-0.48612444	2.03E-27
RP11-28001.2	CA4	-0.298700801	1.69E-10
RP11-28001.2	TG	-0.356360926	1.37E-14
RP11-28001.2	FCGBP	-0.515409252	3.69E-31
RP11-28001.2	PBX4	-0.41083385	2.63E-19
RP11-28001.2	CYR61	-0.318703291	8.05E-12
RP11-28001.2	FOS	-0.379359489	1.79E-16
RP11-28001.2	KHDRBS2	-0.438980414	4.18E-22
RP11-28001.2	MUM1L1	-0.495652106	1.35E-28
RP11-28001.2	RGS16	-0.501214131	2.66E-29
RP11-28001.2	MT1M	-0.532549349	1.60E-33
RP11-28001.2	LRP2	-0.564638718	2.49E-38
RP11-28001.2	MAFB	-0.580308525	7.10E-41
RP11-28001.2	KCNK2	-0.504141236	1.12E-29
RP11-28001.2	TBC1D4	-0.515666829	3.41E-31
RP11-28001.2	MIOX	-0.490840491	5.37E-28
RP11-28001.2	TPPP	-0.498291423	6.27E-29
RP11-28001.2	FMOD	-0.608672385	7.56E-46
RP11-28001.2	CITED2	-0.507564632	4.02E-30
RP11-28001.2	RGS8	-0.50056714	3.22E-29
RP11-28001.2	ABI3BP	-0.373175222	5.93E-16

RP11-28001.2	ADH1B	-0.322034848	4.74E-12
RP11-28001.2	OGN	-0.288701756	7.12E-10
RP11-28001.2	NR4A1	-0.264291783	1.89E-08
RP11-28001.2	FOXJ1	-0.39559955	6.74E-18
RP11-28001.2	ALDH1A1	-0.483387823	4.36E-27
RP11-28001.2	OCA2	-0.401947707	1.78E-18
RP11-28001.2	TMEM139	-0.380556032	1.41E-16
RP11-28001.2	ARHGAP24	-0.656588008	1.73E-55
RP11-28001.2	SLC25A15	-0.548321138	8.04E-36
RP11-28001.2	DES	-0.246038126	1.78E-07
RP11-28001.2	GDF10	-0.397281666	4.75E-18
RP11-28001.2	KIAA1324	-0.551697018	2.50E-36
RP11-28001.2	JUN	-0.370093372	1.07E-15
RP11-28001.2	C7	-0.140065189	0.003273297
RP11-28001.2	LGI3	-0.614235544	6.98E-47
RP11-28001.2	CDON	-0.582128304	3.52E-41
RP11-28001.2	BCL2	-0.50797199	3.56E-30
RP11-28001.2	HLF	-0.474342405	5.18E-26
RP11-28001.2	EGR1	-0.269705729	9.38E-09
RP11-28001.2	IP6K3	-0.527007749	9.59E-33
RP11-28001.2	SCUBE3	-0.392885419	1.18E-17
RP11-28001.2	PKNOX2	-0.355591173	1.57E-14
RP11-28001.2	SMAD9	-0.438793897	4.38E-22
RP11-28001.2	IQGAP2	-0.64425621	7.65E-53
RP11-28001.2	GNA14	-0.600935562	1.93E-44
RP11-28001.2	LAYN	-0.392969529	1.16E-17
RP11-28001.2	AVPR1A	-0.439509185	3.69E-22
RP11-28001.2	PDLIM3	-0.535241571	6.60E-34
RP11-28001.2	GPM6A	-0.450248854	2.66E-23
RP11-28001.2	SDPR	-0.212845109	6.84E-06
RP11-28001.2	CRYAB	-0.356492551	1.33E-14
RP11-28001.2	FOXA2	-0.442763822	1.68E-22
RP11-28001.2	C8orf88	-0.405712515	7.98E-19
RP11-28001.2	ISM1	-0.536062811	5.03E-34
RP11-28001.2	BMP2	-0.388531284	2.87E-17
RP11-28001.2	ID4	-0.453510555	1.18E-23
RP11-28001.2	NUPR1	-0.517297821	2.06E-31
RP11-28001.2	SERTM1	-0.615841476	3.48E-47
RP11-28001.2	IRS1	-0.479483597	1.28E-26
RP11-28001.2	FIBIN	-0.467420582	3.28E-25
RP11-28001.2	PODN	-0.24621045	1.75E-07
RP11-28001.2	TDRD9	-0.473265856	6.92E-26
RP11-28001.2	EPHA3	-0.349908586	4.34E-14
RP11-28001.2	AIF1L	-0.368160691	1.54E-15
RP11-28001.2	EBF4	-0.589703999	1.81E-42
RP11-28001.2	ADM2	-0.631998309	2.49E-50
RP11-28001.2	GSTM3	-0.530598796	3.01E-33
RP11-28001.2	HSD17B6	-0.244479888	2.14E-07
RP11-28001.2	AGR3	-0.34277657	1.51E-13
RP11-28001.2	EPHB1	-0.455325227	7.45E-24
RP11-28001.2	TMOD1	-0.494057424	2.14E-28

RP11-28001.2	WASF3	-0.548550347	7.43E-36
RP11-28001.2	SELV	-0.572929332	1.17E-39
RP11-28001.2	ENPP1	-0.369235821	1.26E-15
RP11-28001.2	SYNE1	-0.546434786	1.54E-35
RP11-28001.2	PLCH1	-0.538747232	2.06E-34
RP11-28001.2	CCDC146	-0.472417241	8.69E-26
RP11-28001.2	SLC16A2	-0.509150094	2.50E-30
RP11-28001.2	IER2	-0.398102495	4.00E-18
RP11-28001.2	KCNAB1	-0.339386495	2.70E-13
RP11-28001.2	SYNDIG1	-0.523863348	2.62E-32
RP11-28001.2	C16orf89	-0.396214635	5.93E-18
RP11-28001.2	CTGF	-0.237980458	4.54E-07
RP11-28001.2	NR4A3	-0.217757375	4.13E-06
RP11-28001.2	KIAA1456	-0.447390115	5.41E-23
RP11-28001.2	AQP4	-0.444742146	1.04E-22
RP11-28001.2	RNF150	-0.516712173	2.47E-31
RP11-28001.2	C1S	-0.235504538	6.02E-07
RP11-28001.2	PFKFB2	-0.528554064	5.84E-33
RP11-28001.2	PROX1	-0.465650588	5.22E-25
RP11-28001.2	TCF7L1	-0.50310497	1.52E-29
RP11-28001.2	HSPB6	-0.237379917	4.86E-07
RP11-28001.2	FHDC1	-0.27417844	5.20E-09
RP11-28001.2	PRR15L	-0.492259773	3.58E-28
RP11-28001.2	SLC1A1	-0.505743435	6.95E-30
RP11-28001.2	BTBD11	-0.396799006	5.25E-18
RP11-28001.2	TRIM58	-0.491550726	4.38E-28
RP11-28001.2	LRIG1	-0.487961239	1.21E-27
RP11-28001.2	ROR2	-0.423358689	1.61E-20
RP11-28001.2	GPR125	-0.540869976	1.01E-34
RP11-28001.2	FLRT1	-0.490924087	5.24E-28
RP11-28001.2	PGF	-0.500487071	3.30E-29
RP11-28001.2	DUSP1	-0.339251607	2.76E-13
RP11-28001.2	PLA2G7	-0.353813095	2.16E-14
RP11-28001.2	PLSCR4	-0.357461019	1.12E-14
RP11-28001.2	FAM46B	-0.525606534	1.50E-32
RP11-28001.2	GLDC	-0.541123865	9.31E-35
RP11-28001.2	ZBTB16	-0.363183037	3.91E-15
RP11-28001.2	OMD	-0.242747909	2.62E-07
RP11-28001.2	HSD11B2	-0.328644131	1.63E-12
RP11-28001.2	FGL2	-0.272175408	6.78E-09
RP11-28001.2	CLCNKA	-0.538586266	2.18E-34
RP11-28001.2	GATM	-0.348589778	5.47E-14
RP11-28001.2	TNS3	-0.459007902	2.92E-24
RP11-28001.2	TOB1	-0.443359796	1.45E-22
RP11-28001.2	MARC2	-0.496601284	1.03E-28
RP11-28001.2	LRRC2	-0.532490203	1.63E-33
RP11-28001.2	SORD	-0.214323484	5.88E-06
RP11-28001.2	RIMS4	-0.377095475	2.78E-16
RP11-28001.2	SLC29A4	-0.51449454	4.89E-31
RP11-28001.2	SLC39A14	-0.539095728	1.84E-34
RP11-28001.2	FAXDC2	-0.415212664	1.00E-19

RP11-28001.2	HSPB8	-0.489288272	8.34E-28
RP11-28001.2	CCL19	-0.090557787	0.057975433
RP11-28001.2	KCNIP3	-0.465573287	5.32E-25
RP11-28001.2	CGNL1	-0.461073059	1.71E-24
RP11-28001.2	ATF3	-0.160589534	0.000732613
RP11-28001.2	SGCD	-0.502683144	1.73E-29
RP11-28001.2	STARD13	-0.493788642	2.31E-28
RP11-28001.2	LDHD	-0.483409098	4.34E-27
RP11-28001.2	RCAN1	-0.411167169	2.45E-19
RP11-28001.2	ID3	-0.5267462	1.04E-32
RP11-28001.2	SYTL3	-0.469616371	1.83E-25
RP11-28001.2	MT1E	-0.535400997	6.26E-34
RP11-28001.2	CAMK1D	-0.399747245	2.83E-18
RP11-28001.2	PRKCQ	-0.389425997	2.39E-17
RP11-28001.2	NUAK2	-0.486331807	1.92E-27
RP11-28001.2	LIPG	-0.308938898	3.66E-11
RP11-28001.2	SLC25A25	-0.408191697	4.68E-19
RP11-28001.2	PRKX	-0.204100529	1.64E-05
RP11-28001.2	SRPX	-0.287010784	9.03E-10
RP11-28001.2	FAM189A1	-0.393464685	1.05E-17
RP11-28001.2	PLEKHH1	-0.330106194	1.28E-12
RP11-28001.2	WNT11	-0.415813915	8.79E-20
RP11-28001.2	SNAI1	-0.41566073	9.10E-20
RP11-28001.2	FDCSP	-0.126394103	0.008017285
RP11-28001.2	MT1X	-0.390961816	1.75E-17
RP11-28001.2	ACACB	-0.557283864	3.50E-37
RP11-28001.2	ARC	0.026549613	0.579039705
RP11-28001.2	KLK4	-0.426573081	7.72E-21
RP11-28001.2	ZFPM2	-0.323499818	3.75E-12
RP11-28001.2	AKAP12	-0.250607562	1.03E-07
RP11-28001.2	GJB6	-0.359272906	8.04E-15
RP11-28001.2	ERO1LB	-0.450334666	2.61E-23
RP11-28001.2	DNALI1	-0.434733083	1.15E-21
RP11-28001.2	HKDC1	-0.572327742	1.46E-39
RP11-28001.2	ZFP36L2	-0.433869149	1.41E-21
RP11-28001.2	CAPSL	-0.496878414	9.46E-29
RP11-28001.2	CYP7B1	-0.484354163	3.33E-27
RP11-28001.2	CPQ	-0.40893209	3.98E-19
RP11-28001.2	RPS6KA6	-0.40794463	4.93E-19
RP11-28001.2	TLE1	-0.613217007	1.08E-46
RP11-28001.2	TP53INP2	-0.462133013	1.30E-24
RP11-28001.2	KATNAL2	-0.536697535	4.08E-34
RP11-28001.2	SGPP2	-0.440892103	2.64E-22
RP11-28001.2	CTH	-0.562012025	6.44E-38
RP11-28001.2	KIF12	-0.260829382	2.93E-08
RP11-28001.2	TMEM220	-0.471738122	1.04E-25
RP11-28001.2	CENPJ	-0.527411419	8.43E-33
RP11-28001.2	FAM155B	-0.269480775	9.66E-09
RP11-28001.2	WFS1	-0.615609526	3.84E-47
RP11-28001.2	SELENBP1	-0.34717055	7.02E-14
RP11-28001.2	SNTA1	-0.567316756	9.34E-39

RP11-28001.2	FRAS1	-0.375427322	3.84E-16
RP11-28001.2	FBLN7	-0.627993521	1.56E-49
RP11-28001.2	AGPAT9	-0.354113082	2.05E-14
RP11-28001.2	GPR83	-0.295124328	2.85E-10
RP11-28001.2	PRTG	-0.401811552	1.83E-18
RP11-28001.2	EGR3	-0.052969869	0.268097112
RP11-28001.2	GRAMD2	-0.482702746	5.27E-27
RP11-28001.2	HYOU1	-0.581465212	4.55E-41
RP11-28001.2	FBLN5	-0.299551225	1.49E-10
RP11-28001.2	ITM2A	-0.365778952	2.41E-15
RP11-28001.2	SRF	-0.361935716	4.93E-15
RP11-28001.2	FGFR2	-0.199430947	2.57E-05
RP11-28001.2	MT1A	-0.34194604	1.74E-13
RP11-28001.2	MAMDC2	-0.300564798	1.29E-10
RP11-28001.2	FHL2	-0.482727852	5.24E-27
RP11-28001.2	FTCDNL1	-0.495389706	1.46E-28
RP11-28001.2	PKIA	-0.150446718	0.001571031
RP11-28001.2	DNAJB4	-0.231961431	8.95E-07
RP11-28001.2	SLC25A33	-0.580419017	6.80E-41
RP11-28001.2	EYA2	-0.437882306	5.44E-22
RP11-28001.2	LPAR1	-0.483268821	4.51E-27
RP11-28001.2	STX11	-0.41109781	2.49E-19
RP11-28001.2	ARHGEF28	-0.563715071	3.48E-38
RP11-28001.2	OR2W3	-0.476298347	3.05E-26
RP11-28001.2	ALDH1B1	-0.613722894	8.71E-47
RP11-28001.2	CXCL12	-0.25208083	8.64E-08
RP11-28001.2	OLFM2	-0.386717463	4.14E-17
RP11-28001.2	TUB	-0.248834732	1.28E-07
RP11-28001.2	HTRA3	-0.275781916	4.20E-09
RP11-28001.2	CKB	-0.519556587	1.02E-31
RP11-28001.2	RGS2	-0.253867702	6.95E-08
RP11-28001.2	SHANK2	-0.446823048	6.22E-23
RP11-28001.2	CNTFR	-0.438378965	4.83E-22
RP11-28001.2	CYTH3	-0.408484308	4.39E-19
RP11-28001.2	PLAC9	-0.235844807	5.79E-07
RP11-28001.2	WVOX	-0.462250454	1.26E-24
RP11-28001.2	NPR3	-0.411737214	2.16E-19
RP11-28001.2	SDC2	-0.269776081	9.29E-09
RP11-28001.2	KLF15	-0.342913149	1.47E-13
RP11-28001.2	TMEM164	-0.629041985	9.68E-50
RP11-28001.2	LONRF3	-0.144955045	0.002330042
RP11-28001.2	GBP1	-0.27320288	5.92E-09
RP11-28001.2	ARHGAP6	-0.401250441	2.06E-18
RP11-28001.2	TMEM119	-0.239254302	3.93E-07
RP11-28001.2	SH3RF1	-0.387609623	3.46E-17
RP11-28001.2	CRELD2	-0.511044195	1.41E-30
RP11-28001.2	PCP4	-0.101947574	0.032718923
RP11-28001.2	GCSH	-0.454162441	1.00E-23
RP11-28001.2	IMPA2	-0.389430961	2.39E-17
RP11-28001.2	C1R	-0.214552835	5.75E-06
RP11-28001.2	SUCNR1	-0.282397086	1.71E-09

RP11-28001.2	SFRP1	-0.403834583	1.19E-18
RP11-28001.2	UGT8	-0.581741654	4.09E-41
RP11-28001.2	TLE4	-0.250130278	1.09E-07
RP11-28001.2	ANTXR1	-0.453420346	1.20E-23
RP11-28001.2	GPX3	-0.501179664	2.69E-29
RP11-28001.2	DPY19L2	-0.46246548	1.20E-24
RP11-28001.2	FAM46C	-0.42895901	4.45E-21
RP11-28001.2	IL33	-0.259499308	3.46E-08
RP11-28001.2	PEG3	-0.420379955	3.17E-20
RP11-28001.2	FAHD2A	-0.499859581	3.97E-29
RP11-28001.2	PTGDS	-0.041425271	0.386570843
RP11-28001.2	CHCHD10	-0.545368927	2.21E-35
RP11-28001.2	CD36	-0.387488068	3.54E-17
RP11-28001.2	ANKRD37	-0.365385352	2.60E-15
RP11-28001.2	TSPAN33	-0.531803141	2.04E-33
RP11-28001.2	PRDM16	-0.338834321	2.96E-13
RP11-28001.2	UST	-0.324930393	2.98E-12
RP11-28001.2	NEXN	-0.450909251	2.26E-23
RP11-28001.2	NUPR1L	-0.202909448	1.84E-05
RP11-28001.2	SLC24A3	-0.695940462	7.77E-65
RP11-28001.2	MARC1	-0.441501721	2.28E-22
RP11-28001.2	MYH11	-0.189150832	6.67E-05
RP11-28001.2	APOA1	-0.430047063	3.46E-21
RP11-28001.2	TMEM178B	-0.5240588	2.46E-32
RP11-28001.2	CAPN6	-0.308097167	4.16E-11
RP11-28001.2	PPM1L	-0.596492211	1.19E-43
RP11-28001.2	FZD8	-0.554303853	1.00E-36
RP11-28001.2	RCAN2	-0.527970543	7.04E-33
RP11-28001.2	COPZ2	-0.626484509	3.09E-49
RP11-28001.2	GAS1	-0.382046889	1.05E-16
RP11-28001.2	DACT1	-0.42886639	4.55E-21
RP11-28001.2	WBSCR17	-0.391359245	1.61E-17
RP11-28001.2	NCS1	-0.395159078	7.39E-18
RP11-28001.2	SPIRE2	-0.400606782	2.37E-18
RP11-28001.2	C15orf52	-0.682218371	2.07E-61
RP11-28001.2	SPAG5	-0.52774644	7.57E-33
RP11-28001.2	ARL4D	-0.548393617	7.84E-36
RP11-28001.2	FAM189A2	-0.177013351	0.0001932
RP11-28001.2	MAP1LC3A	-0.468430324	2.51E-25
RP11-28001.2	KLF6	-0.099798023	0.036594463
RP11-28001.2	ADD3	-0.203754587	1.69E-05
RP11-28001.2	TSPAN7	-0.229295733	1.20E-06
RP11-28001.2	KLF9	-0.237177798	4.98E-07
RP11-28001.2	KCNQ1	-0.4939953	2.18E-28
RP11-28001.2	MAN1A1	-0.313379554	1.85E-11
RP11-28001.2	MLF1	-0.213290905	6.54E-06
RP11-28001.2	RARB	-0.443580637	1.38E-22
RP11-28001.2	CDC42EP2	-0.425584691	9.69E-21
RP11-28001.2	FAM3B	-0.21992579	3.29E-06
RP11-28001.2	GADD45B	-0.316490622	1.14E-11
RP11-28001.2	TMEM47	-0.399178334	3.19E-18

RP11-28001.2	SDF2L1	-0.431319332	2.57E-21
RP11-28001.2	CCDC85A	-0.314747862	1.50E-11
RP11-28001.2	CRYBG3	-0.315552224	1.32E-11
RP11-28001.2	FBLN2	-0.154468669	0.001167276
RP11-28001.2	PEBP4	-0.266379634	1.44E-08
RP11-28001.2	CDADC1	-0.43348718	1.54E-21
RP11-28001.2	FAM63A	-0.443868993	1.28E-22
RP11-28001.2	GLUL	-0.402891646	1.46E-18
RP11-28001.2	FREM2	-0.515897741	3.17E-31
RP11-28001.2	ACKR3	-0.356891399	1.24E-14
RP11-28001.2	DENND6A	-0.48473826	2.99E-27
RP11-28001.2	CLDN8	-0.341070534	2.02E-13
RP11-28001.2	UTS2R	-0.159234426	0.000813363
RP11-28001.2	SCNN1B	-0.224143903	2.10E-06
RP11-28001.2	TTC30A	-0.574260564	7.07E-40
RP11-28001.2	CORO2B	-0.408595367	4.29E-19
RP11-28001.2	TC2N	-0.568097289	7.01E-39
RP11-28001.2	ALDH2	-0.605698473	2.65E-45
RP11-28001.2	GPR183	-0.143413268	0.002596541
RP11-28001.2	C4orf47	-0.344222878	1.17E-13
RP11-28001.2	SLC25A42	-0.37986202	1.62E-16
RP11-28001.2	LGMN	-0.620762917	4.01E-48
RP11-28001.2	ACSF2	-0.66927355	2.40E-58
RP11-28001.2	KIAA1467	-0.496712485	9.93E-29
RP11-28001.2	PRKG1	-0.453307869	1.24E-23
RP11-28001.2	GNAI1	-0.534002335	9.92E-34
RP11-28001.2	ABCC4	-0.495443179	1.43E-28
RP11-28001.2	PRPS1	-0.552860087	1.66E-36
RP11-28001.2	TSPAN5	-0.470501723	1.45E-25
RP11-28001.2	CR2	-0.262529912	2.36E-08
RP11-28001.2	CCDC170	-0.462519946	1.18E-24
RP11-28001.2	RRAD	-0.232661259	8.28E-07
RP11-28001.2	SCGB2A1	-0.493332775	2.63E-28
RP11-28001.2	SESN3	-0.338466961	3.15E-13
RP11-28001.2	SGK223	-0.295193403	2.82E-10
RP11-28001.2	NDRG2	-0.478985038	1.47E-26
RP11-28001.2	C3orf52	-0.459714112	2.43E-24
RP11-28001.2	FLRT3	0.243765735	2.33E-07
RP11-28001.2	MST1R	0.487948048	1.22E-27
RP11-28001.2	SDC1	0.026607908	0.578206382
RP11-28001.2	ST8SIA4	0.294152172	3.27E-10
RP11-28001.2	UBTD1	0.51051897	1.65E-30
RP11-28001.2	EPHA2	0.356930688	1.23E-14
RP11-28001.2	TMEM130	0.549445344	5.45E-36
RP11-28001.2	SPINK2	0.28909821	6.73E-10
RP11-28001.2	MMP16	0.391347047	1.62E-17
RP11-28001.2	SIGLEC15	0.570412507	2.98E-39
RP11-28001.2	RIN1	0.643543192	1.08E-52
RP11-28001.2	IL1RN	0.22678407	1.58E-06
RP11-28001.2	FCER1G	0.18031661	0.000145598
RP11-28001.2	CD276	0.536301382	4.65E-34

RP11-28001.2	CTSB	0.463358491	9.49E-25
RP11-28001.2	FAM171A2	0.450825283	2.31E-23
RP11-28001.2	ASPHD1	0.542996407	4.95E-35
RP11-28001.2	C15orf48	0.18554404	9.21E-05
RP11-28001.2	DYSF	0.33729992	3.84E-13
RP11-28001.2	PDZRN4	0.483586537	4.13E-27
RP11-28001.2	EFHD2	0.311602752	2.44E-11
RP11-28001.2	ASF1B	0.191384492	5.44E-05
RP11-28001.2	AQP1	0.351820416	3.09E-14
RP11-28001.2	ARRDC2	0.626392031	3.23E-49
RP11-28001.2	PRSS1	0.555099068	7.58E-37
RP11-28001.2	MAPK13	0.396796737	5.26E-18
RP11-28001.2	CST5	0.434810624	1.13E-21
RP11-28001.2	AHR	0.365382799	2.60E-15
RP11-28001.2	BAX	0.238858859	4.11E-07
RP11-28001.2	C1orf115	0.656149871	2.15E-55
RP11-28001.2	PLK3	0.365540948	2.52E-15
RP11-28001.2	JAG2	0.363900594	3.42E-15
RP11-28001.2	RAD23B	0.685565316	3.15E-62
RP11-28001.2	CA12	-0.022463409	0.638799457
RP11-28001.2	ADTRP	0.722921687	3.58E-72
RP11-28001.2	UCP2	0.628375632	1.31E-49
RP11-28001.2	IGFBP2	0.294144938	3.28E-10
RP11-28001.2	LOXL2	0.282200783	1.76E-09
RP11-28001.2	GPX1	0.228644272	1.29E-06
RP11-28001.2	P3H3	0.456204904	5.96E-24
RP11-28001.2	C2orf81	0.684144952	7.03E-62
RP11-28001.2	CDT1	0.322305119	4.54E-12
RP11-28001.2	SNX25	0.488258672	1.12E-27
RP11-28001.2	MTHFD1L	0.360209126	6.77E-15
RP11-28001.2	CDC42BPG	0.515661103	3.41E-31
RP11-28001.2	MSN	0.5841502	1.61E-41
RP11-28001.2	SIGLEC6	0.605286294	3.15E-45
RP11-28001.2	F2R	0.113309769	0.017549528
RP11-28001.2	TMEM184A	0.436253158	8.03E-22
RP11-28001.2	CKS2	0.104892693	0.02798153
RP11-28001.2	TAX1BP3	0.416189501	8.09E-20
RP11-28001.2	PMEP1	0.441409101	2.33E-22
RP11-28001.2	CXCL16	0.350261478	4.07E-14
RP11-28001.2	FAXC	0.455446782	7.22E-24
RP11-28001.2	VTCN1	0.346657017	7.68E-14
RP11-28001.2	SH2D4A	0.479388424	1.31E-26
RP11-28001.2	RNF24	0.484017724	3.66E-27
RP11-28001.2	LY6G6C	0.555114866	7.54E-37
RP11-28001.2	NID1	0.262999783	2.23E-08
RP11-28001.2	STAC	0.447697193	5.02E-23
RP11-28001.2	RAB34	0.679583876	8.98E-61
RP11-28001.2	HES4	0.324175533	3.36E-12
RP11-28001.2	EPHA10	0.67059335	1.19E-58
RP11-28001.2	ENTPD2	0.735706373	5.83E-76
RP11-28001.2	DDB2	0.428053376	5.49E-21

RP11-28001.2	NKAIN4	0.279467711	2.55E-09
RP11-28001.2	TRIM29	0.445384813	8.86E-23
RP11-28001.2	ADCY8	0.565409241	1.88E-38
RP11-28001.2	SFTA2	0.277286673	3.43E-09
RP11-28001.2	NRIP1	0.598829271	4.58E-44
RP11-28001.2	VWA1	0.277473047	3.35E-09
RP11-28001.2	APLNR	0.255903641	5.41E-08
RP11-28001.2	REN	0.686849576	1.52E-62
RP11-28001.2	EDIL3	0.237075391	5.04E-07
RP11-28001.2	AGRN	0.436272731	7.99E-22
RP11-28001.2	TREM1	0.267254773	1.29E-08
RP11-28001.2	SRL	0.282294821	1.74E-09
RP11-28001.2	RASGRF1	0.717162933	1.56E-70
RP11-28001.2	RMI2	0.496123149	1.18E-28
RP11-28001.2	SAMD1	0.471504941	1.11E-25
RP11-28001.2	MGAT4B	0.577256177	2.28E-40
RP11-28001.2	NXN	0.464485675	7.07E-25
RP11-28001.2	SH3BGRL3	0.376731236	2.98E-16
RP11-28001.2	CA11	0.577302275	2.24E-40
RP11-28001.2	PLD3	0.439515284	3.68E-22
RP11-28001.2	LURAP1L	0.276156651	3.99E-09
RP11-28001.2	CARNS1	0.57141459	2.05E-39
RP11-28001.2	PDLIM7	0.479449982	1.29E-26
RP11-28001.2	BCL2L1	0.360506417	6.41E-15
RP11-28001.2	GGT6	0.469401062	1.94E-25
RP11-28001.2	DPYSL3	0.250242755	1.08E-07
RP11-28001.2	FYN	0.6244107	7.88E-49
RP11-28001.2	TK1	0.137669124	0.003851963
RP11-28001.2	AK1	0.275560507	4.33E-09
RP11-28001.2	HIGD1B	0.36412796	3.28E-15
RP11-28001.2	TMEM59L	0.352852711	2.57E-14
RP11-28001.2	MEGF9	0.475452569	3.84E-26
RP11-28001.2	ZFP36L1	0.370225565	1.04E-15
RP11-28001.2	ADRA1B	0.44117209	2.47E-22
RP11-28001.2	EPHA4	0.380038183	1.56E-16
RP11-28001.2	TCERG1L	0.538534192	2.21E-34
RP11-28001.2	NGFR	0.637257227	2.15E-51
RP11-28001.2	EBI3	0.367273354	1.82E-15
RP11-28001.2	S100A10	0.227234263	1.50E-06
RP11-28001.2	S100B	0.358987761	8.47E-15
RP11-28001.2	CD44	0.456011863	6.26E-24
RP11-28001.2	BHLHE41	0.700936838	3.93E-66
RP11-28001.2	FBXO2	0.502383867	1.89E-29
RP11-28001.2	SLC30A2	0.140526161	0.003171473
RP11-28001.2	FRMD5	0.298171853	1.83E-10
RP11-28001.2	SAMD11	0.519007107	1.21E-31
RP11-28001.2	SIPA1L2	0.595891812	1.52E-43
RP11-28001.2	S100A16	0.429113046	4.29E-21
RP11-28001.2	PPL	0.427822323	5.79E-21
RP11-28001.2	ARHGD1B	0.22171791	2.72E-06
RP11-28001.2	CDC42EP3	0.298416382	1.76E-10

RP11-28001.2	RUNX2	0.699389672	9.97E-66
RP11-28001.2	LAMC2	0.323259119	3.89E-12
RP11-28001.2	BRINP1	0.633363356	1.33E-50
RP11-28001.2	GPRC5B	0.638020598	1.50E-51
RP11-28001.2	AQP5	0.37752496	2.56E-16
RP11-28001.2	PLAG1	0.650345871	3.91E-54
RP11-28001.2	PTPRU	0.442500968	1.79E-22
RP11-28001.2	ANGPTL4	0.25863033	3.86E-08
RP11-28001.2	PALM3	0.623257701	1.32E-48
RP11-28001.2	ACP5	0.299722282	1.46E-10
RP11-28001.2	DLG4	0.609387389	5.58E-46
RP11-28001.2	ETNK2	0.80530927	2.84E-101
RP11-28001.2	CD109	0.599890785	2.96E-44
RP11-28001.2	SNX22	0.614961328	5.09E-47
RP11-28001.2	TMEM98	0.707094298	9.11E-68
RP11-28001.2	CTHRC1	0.288944174	6.88E-10
RP11-28001.2	S100A2	0.305188708	6.46E-11
RP11-28001.2	C11orf80	0.595523601	1.76E-43
RP11-28001.2	SREBF1	0.402886965	1.46E-18
RP11-28001.2	PRSS22	0.53889829	1.96E-34
RP11-28001.2	CMTM3	0.311318793	2.55E-11
RP11-28001.2	RDH5	0.763521037	5.08E-85
RP11-28001.2	MYH10	0.395937767	6.28E-18
RP11-28001.2	EVPL	0.445536721	8.54E-23
RP11-28001.2	SCD	0.363533235	3.67E-15
RP11-28001.2	CD151	0.581236144	4.97E-41
RP11-28001.2	S100A4	0.414092572	1.29E-19
RP11-28001.2	BNIP1	0.65788866	8.92E-56
RP11-28001.2	MAP3K6	0.539640952	1.53E-34
RP11-28001.2	MANEAL	0.405532806	8.29E-19
RP11-28001.2	CD207	0.465804387	5.01E-25
RP11-28001.2	CD1A	0.445311228	9.02E-23
RP11-28001.2	C3	0.351550499	3.24E-14
RP11-28001.2	NT5E	0.365150185	2.71E-15
RP11-28001.2	CACNG4	0.445959856	7.69E-23
RP11-28001.2	FHOD1	0.59051602	1.31E-42
RP11-28001.2	LEMD1	0.550397926	3.92E-36
RP11-28001.2	ATP11A	0.411132986	2.47E-19
RP11-28001.2	PPAP2C	0.395546153	6.82E-18
RP11-28001.2	DRAM1	0.485055551	2.74E-27
RP11-28001.2	CDA	0.317624615	9.54E-12
RP11-28001.2	CCND2	0.458206944	3.58E-24
RP11-28001.2	LCN6	0.659983414	3.06E-56
RP11-28001.2	CDH4	0.509454903	2.28E-30
RP11-28001.2	MMP11	0.388571566	2.85E-17
RP11-28001.2	B3GAT1	0.524848695	1.91E-32
RP11-28001.2	SPP1	0.225933611	1.73E-06
RP11-28001.2	HLA-DQB1	0.153938905	0.001214349
RP11-28001.2	SDC3	0.580852757	5.76E-41
RP11-28001.2	CX3CL1	0.241250952	3.12E-07
RP11-28001.2	SDK1	0.557365988	3.40E-37

RP11-28001.2	DOCK9	0.620454703	4.59E-48
RP11-28001.2	CSF2	0.523002339	3.44E-32
RP11-28001.2	GRHL3	0.46140113	1.58E-24
RP11-28001.2	TMEM92	0.557479987	3.26E-37
RP11-28001.2	BASP1	0.550679616	3.56E-36
RP11-28001.2	HRH1	0.478557539	1.65E-26
RP11-28001.2	ESM1	0.114845305	0.016067174
RP11-28001.2	B4GALNT3	0.529176873	4.77E-33
RP11-28001.2	LMO3	0.336910717	4.11E-13
RP11-28001.2	C9orf16	0.371314311	8.47E-16
RP11-28001.2	SEMA3F	0.460617051	1.93E-24
RP11-28001.2	PLA2G12B	0.595431229	1.83E-43
RP11-28001.2	KLK6	0.67897953	1.25E-60
RP11-28001.2	ST3GAL5	0.555785065	5.95E-37
RP11-28001.2	FAM132B	0.345923371	8.74E-14
RP11-28001.2	CDKN1A	0.046437674	0.331684233
RP11-28001.2	E2F1	0.295129576	2.84E-10
RP11-28001.2	B3GNT8	0.438628798	4.55E-22
RP11-28001.2	MTMR11	0.568699107	5.62E-39
RP11-28001.2	MYO1G	0.291996238	4.46E-10
RP11-28001.2	TMSB10	0.447189982	5.69E-23
RP11-28001.2	UNC5CL	0.478966315	1.48E-26
RP11-28001.2	ABR	0.312718306	2.05E-11
RP11-28001.2	PLP2	0.407385491	5.57E-19
RP11-28001.2	SRCIN1	0.523193306	3.24E-32
RP11-28001.2	PDE9A	0.56151843	7.70E-38
RP11-28001.2	TREM2	0.246863897	1.62E-07
RP11-28001.2	KDEL3	0.2364957	5.38E-07
RP11-28001.2	PC	0.72565334	5.79E-73
RP11-28001.2	C2CD4A	0.46367337	8.74E-25
RP11-28001.2	PELI1	0.402887674	1.46E-18
RP11-28001.2	SSX1	0.341849082	1.77E-13
RP11-28001.2	MROH6	0.545452044	2.15E-35
RP11-28001.2	ESPN	0.705610959	2.28E-67
RP11-28001.2	BMP1	0.603832456	5.79E-45
RP11-28001.2	TM4SF4	0.515043108	4.13E-31
RP11-28001.2	CORO2A	0.616160992	3.02E-47
RP11-28001.2	CD164L2	0.531011918	2.63E-33
RP11-28001.2	CTSS	0.240379785	3.45E-07
RP11-28001.2	CLU	0.576636772	2.88E-40
RP11-28001.2	TMSB4X	0.33837349	3.20E-13
RP11-28001.2	WNT10A	0.630308902	5.42E-50
RP11-28001.2	NAPSA	0.3348162	5.84E-13
RP11-28001.2	PLEKHA4	0.77513471	3.50E-89
RP11-28001.2	SFTPA1	0.182760944	0.000117718
RP11-28001.2	C1orf116	0.512643558	8.63E-31
RP11-28001.2	TM4SF1	0.381531309	1.16E-16
RP11-28001.2	SEL1L3	0.511969828	1.06E-30
RP11-28001.2	VASN	0.609480009	5.37E-46
RP11-28001.2	NPTXR	0.547646557	1.01E-35
RP11-28001.2	PDE4C	0.374611897	4.50E-16

RP11-28001.2	CDC42EP1	0.579940315	8.18E-41
RP11-28001.2	ENDOD1	0.641631928	2.70E-52
RP11-28001.2	RYR1	0.595746996	1.61E-43
RP11-28001.2	IL1RAP	0.551167679	3.00E-36
RP11-28001.2	SLC35F2	0.679228526	1.09E-60
RP11-28001.2	ISYNA1	0.609682837	4.92E-46
RP11-28001.2	HLA-G	0.317604758	9.57E-12
RP11-28001.2	CDKN2B	0.323879943	3.52E-12
RP11-28001.2	ALDH1A3	0.239769457	3.70E-07
RP11-28001.2	CLIP3	0.528317053	6.30E-33
RP11-28001.2	ULBP2	0.395559344	6.80E-18
RP11-28001.2	ETHE1	0.534750529	7.75E-34
RP11-28001.2	XPR1	0.371136021	8.76E-16
RP11-28001.2	SPTBN2	0.533739226	1.08E-33
RP11-28001.2	IVL	0.400297367	2.52E-18
RP11-28001.2	MARCO	0.314057538	1.67E-11
RP11-28001.2	PLXND1	0.487778835	1.28E-27
RP11-28001.2	EMILIN2	0.370417471	1.00E-15
RP11-28001.2	PLAUR	0.337988826	3.42E-13
RP11-28001.2	CDC42EP5	0.596002587	1.45E-43
RP11-28001.2	TRPC5	0.707542137	6.90E-68
RP11-28001.2	TMEM100	0.358313606	9.58E-15
RP11-28001.2	QSOX1	0.622287247	2.04E-48
RP11-28001.2	ARHGAP23	0.588758508	2.64E-42
RP11-28001.2	MDF1	0.357546831	1.10E-14
RP11-28001.2	FSTL3	0.58036058	6.96E-41
RP11-28001.2	INF2	0.704196695	5.42E-67
RP11-28001.2	TGFBR1	0.74412189	1.41E-78
RP11-28001.2	TGFBI	0.299938726	1.41E-10
RP11-28001.2	ERBB3	0.653363044	8.73E-55
RP11-28001.2	CCL18	0.276977892	3.58E-09
RP11-28001.2	CCL17	0.344370543	1.14E-13
RP11-28001.2	C16orf45	0.667644543	5.70E-58
RP11-28001.2	PRDM1	0.49741444	8.10E-29
RP11-28001.2	TRIM47	0.403709482	1.22E-18
RP11-28001.2	CNFN	0.43017995	3.35E-21
RP11-28001.2	ARMCX3	0.793702121	2.20E-96
RP11-28001.2	RAMP1	0.641929787	2.34E-52
RP11-28001.2	GABRD	0.368803358	1.36E-15
RP11-28001.2	COL13A1	0.493635032	2.41E-28
RP11-28001.2	S100A5	0.543449011	4.25E-35
RP11-28001.2	MISP	0.321101058	5.50E-12
RP11-28001.2	HES6	0.343123494	1.42E-13
RP11-28001.2	PSD3	0.53972804	1.49E-34
RP11-28001.2	DOK7	0.623254297	1.32E-48
RP11-28001.2	ZMAT3	0.340908272	2.08E-13
RP11-28001.2	MFAP2	0.55797972	2.73E-37
RP11-28001.2	TMEM79	0.64793463	1.28E-53
RP11-28001.2	SLC1A5	0.515390671	3.71E-31
RP11-28001.2	BBC3	0.417084355	6.63E-20
RP11-28001.2	HLA-DQB2	0.255686629	5.56E-08

RP11-28001.2	C1QL1	0.744619456	9.79E-79
RP11-28001.2	TMEM215	0.45915212	2.81E-24
RP11-28001.2	PNP	0.471082548	1.24E-25
RP11-28001.2	ARNTL	0.669190149	2.51E-58
RP11-28001.2	CLDN2	0.574896656	5.57E-40
RP11-28001.2	MVP	0.441032522	2.55E-22
RP11-28001.2	LGALS1	0.320309603	6.24E-12
RP11-28001.2	BIRC7	0.51867444	1.34E-31
RP11-28001.2	COL8A1	0.583409949	2.14E-41
RP11-28001.2	PERP	0.46845543	2.49E-25
RP11-28001.2	GJA4	0.462791991	1.10E-24
RP11-28001.2	IGFL2	0.494574975	1.84E-28
RP11-28001.2	DAPK2	0.666898619	8.44E-58
RP11-28001.2	MAMLD1	0.624145747	8.87E-49
RP11-28001.2	ETV5	0.481008495	8.42E-27
RP11-28001.2	RUNX1	0.426307638	8.21E-21
RP11-28001.2	LONRF2	0.676664289	4.47E-60
RP11-28001.2	SPOCK1	0.397437559	4.60E-18
RP11-28001.2	XKRX	0.575545189	4.36E-40
RP11-28001.2	TGFB1	0.397370045	4.66E-18
RP11-28001.2	ERP27	0.368964769	1.32E-15
RP11-28001.2	TNFRSF10C	0.275751279	4.22E-09
RP11-28001.2	PALM	0.732622537	5.00E-75
RP11-28001.2	TSC22D1	0.70614512	1.64E-67
RP11-28001.2	TGM2	0.241034082	3.20E-07
RP11-28001.2	UBE2QL1	0.631429114	3.24E-50
RP11-28001.2	ECE1	0.63120416	3.59E-50
RP11-28001.2	COL8A2	0.554984249	7.89E-37
RP11-28001.2	HIST3H2A	0.392160487	1.37E-17
RP11-28001.2	TNFRSF21	0.390743811	1.83E-17
RP11-28001.2	SOX4	0.517214279	2.11E-31
RP11-28001.2	ELF3	0.479212687	1.38E-26
RP11-28001.2	TPD52L1	0.682299785	1.98E-61
RP11-28001.2	INHBB	0.68911367	4.16E-63
RP11-28001.2	HPN	0.51850103	1.41E-31
RP11-28001.2	MMP7	0.283973325	1.38E-09
RP11-28001.2	RAB27A	0.651784673	1.92E-54
RP11-28001.2	IGF2BP2	0.677941679	2.22E-60
RP11-28001.2	ITGB4	0.450033686	2.81E-23
RP11-28001.2	PPP1R1B	0.698911679	1.33E-65
RP11-28001.2	NPDC1	0.465990999	4.77E-25
RP11-28001.2	CCL13	0.427009957	6.98E-21
RP11-28001.2	SPINT1	0.535179304	6.73E-34
RP11-28001.2	HEY2	0.628843129	1.06E-49
RP11-28001.2	CST2	0.347008564	7.23E-14
RP11-28001.2	ADM	0.356715946	1.28E-14
RP11-28001.2	VSTM2L	0.138926941	0.00353756
RP11-28001.2	FAM84A	0.402010975	1.76E-18
RP11-28001.2	P4HA2	0.4349413	1.10E-21
RP11-28001.2	LPL	0.461976707	1.36E-24
RP11-28001.2	TMEM173	0.397025946	5.01E-18

RP11-28001.2	DHRS3	0.747080483	1.60E-79
RP11-28001.2	SCN1B	0.501298099	2.60E-29
RP11-28001.2	GLT1D1	0.481112178	8.18E-27
RP11-28001.2	PHYHIP	0.575913258	3.79E-40
RP11-28001.2	BHLHE40	0.441893903	2.07E-22
RP11-28001.2	BID	0.6744440273	1.50E-59
RP11-28001.2	POSTN	0.192754787	4.80E-05
RP11-28001.2	ITGA3	0.496463702	1.07E-28
RP11-28001.2	RSP04	0.639445925	7.65E-52
RP11-28001.2	ADAMTS9	0.5500795	4.38E-36
RP11-28001.2	ABTB2	0.58861426	2.79E-42
RP11-28001.2	KCNQ3	0.558107374	2.61E-37
RP11-28001.2	ANXA1	0.626613723	2.92E-49
RP11-28001.2	S100A11	0.415021042	1.05E-19
RP11-28001.2	CEACAM6	0.317274066	1.01E-11
RP11-28001.2	IER5L	0.541511934	8.17E-35
RP11-28001.2	KRT80	0.421180771	2.64E-20
RP11-28001.2	CDH6	0.338938571	2.91E-13
RP11-28001.2	UNC5B	0.407916248	4.96E-19
RP11-28001.2	PLEKHN1	0.578310599	1.53E-40
RP11-28001.2	SYTL1	0.38839512	2.95E-17
RP11-28001.2	TMEM163	0.479830958	1.16E-26
RP11-28001.2	C4orf48	0.264314477	1.88E-08
RP11-28001.2	B3GNT7	0.528469954	6.00E-33
RP11-28001.2	BAIAP3	0.795979326	2.56E-97
RP11-28001.2	PHLDA2	0.366829544	1.98E-15
RP11-28001.2	GAP43	0.643479809	1.11E-52
RP11-28001.2	S100A1	0.370314355	1.02E-15
RP11-28001.2	PTPRE	0.64826653	1.09E-53
RP11-28001.2	CCND1	0.381045656	1.28E-16
RP11-28001.2	ST6GALNAC5	0.421270002	2.59E-20
RP11-28001.2	KRT17	0.315723422	1.29E-11
RP11-28001.2	HPCAL4	0.75676488	1.04E-82
RP11-28001.2	GABBR2	0.463393383	9.40E-25
RP11-28001.2	DIRAS3	0.660764562	2.05E-56
RP11-28001.2	SERINC2	0.299743699	1.45E-10
RP11-28001.2	PTCHD4	0.311661615	2.41E-11
RP11-28001.2	EPS8	0.660803426	2.01E-56
RP11-28001.2	LY6E	0.638693476	1.09E-51
RP11-28001.2	UPP1	0.493786089	2.31E-28
RP11-28001.2	AHNAK2	0.411741611	2.16E-19
RP11-28001.2	PLXNC1	0.674601542	1.38E-59
RP11-28001.2	TNC	0.257454495	4.47E-08
RP11-28001.2	DUSP4	0.460969801	1.76E-24
RP11-28001.2	NRCAM	0.603125394	7.77E-45
RP11-28001.2	NRP2	0.655133037	3.59E-55
RP11-28001.2	CTSC	0.474035468	5.63E-26
RP11-28001.2	AMIGO2	0.594899657	2.26E-43
RP11-28001.2	NAB2	0.681128489	3.81E-61
RP11-28001.2	TBC1D2	0.500259421	3.53E-29
RP11-28001.2	PHLDA3	0.35145717	3.29E-14

RP11-28001.2	PTP4A3	0.419180717	4.15E-20
RP11-28001.2	CRABP2	0.360692934	6.20E-15
RP11-28001.2	GOS2	0.484883076	2.88E-27
RP11-28001.2	S100A6	0.476188565	3.14E-26
RP11-28001.2	FOXQ1	0.509095345	2.54E-30
RP11-28001.2	LRG1	0.546190735	1.67E-35
RP11-28001.2	LAMP5	0.465243798	5.80E-25
RP11-28001.2	ALDH3B1	0.470309816	1.53E-25
RP11-28001.2	CDH2	0.297316146	2.07E-10
RP11-28001.2	SCG5	0.516385804	2.73E-31
RP11-28001.2	ZCCHC16	0.719461174	3.49E-71
RP11-28001.2	GRB7	0.708894219	2.97E-68
RP11-28001.2	TIAM1	0.507241242	4.44E-30
RP11-28001.2	FXD5	0.359708297	7.42E-15
RP11-28001.2	CLDN9	0.507851144	3.69E-30
RP11-28001.2	FAM43A	0.716542677	2.32E-70
RP11-28001.2	CHST2	0.608792096	7.19E-46
RP11-28001.2	HMGA2	0.547756765	9.76E-36
RP11-28001.2	GALNT7	0.607870009	1.06E-45
RP11-28001.2	CBLN1	0.396052372	6.14E-18
RP11-28001.2	STRA6	0.593709638	3.66E-43
RP11-28001.2	MUC21	0.461604445	1.49E-24
RP11-28001.2	PRR36	0.632922524	1.63E-50
RP11-28001.2	NFE2L3	0.337873937	3.49E-13
RP11-28001.2	NR1D1	0.378764622	2.01E-16
RP11-28001.2	MUC1	0.338308103	3.24E-13
RP11-28001.2	NAT8L	0.563982577	3.16E-38
RP11-28001.2	APOC1	0.486773489	1.69E-27
RP11-28001.2	EVA1A	0.54089962	1.00E-34
RP11-28001.2	ENTPD1	0.536980643	3.71E-34
RP11-28001.2	COL1A1	0.316491332	1.14E-11
RP11-28001.2	FNDC4	0.328403574	1.69E-12
RP11-28001.2	FRMD3	0.511006325	1.42E-30
RP11-28001.2	SHROOM4	0.68807868	7.53E-63
RP11-28001.2	NELL2	0.654848227	4.15E-55
RP11-28001.2	EPHB3	0.514627158	4.69E-31
RP11-28001.2	TMC6	0.565471589	1.84E-38
RP11-28001.2	NOD1	0.848740694	5.42E-123
RP11-28001.2	GGCT	0.790160858	5.92E-95
RP11-28001.2	ICAM1	0.483028548	4.82E-27
RP11-28001.2	PRSS23	0.448540986	4.07E-23
RP11-28001.2	CFI	0.515279044	3.84E-31
RP11-28001.2	CD55	0.4811509	8.10E-27
RP11-28001.2	RASD2	0.679534233	9.23E-61
RP11-28001.2	KLK11	0.660145228	2.82E-56
RP11-28001.2	ICAM5	0.718677335	5.82E-71
RP11-28001.2	ADORA1	0.42805749	5.48E-21
RP11-28001.2	ITGA2	0.450560755	2.47E-23
RP11-28001.2	ABCC3	0.590090081	1.56E-42
RP11-28001.2	MFGE8	0.596690642	1.10E-43
RP11-28001.2	STK32A	0.354386261	1.95E-14

RP11-28001.2	CYSLTR2	0.614525319	6.15E-47
RP11-28001.2	LAD1	0.654632208	4.62E-55
RP11-28001.2	MGAT3	0.50321305	1.48E-29
RP11-28001.2	IGFBP6	0.601095697	1.80E-44
RP11-28001.2	CYP2S1	0.439499398	3.69E-22
RP11-28001.2	KCNJ2	0.5330133	1.37E-33
RP11-28001.2	FAM20A	0.478698809	1.59E-26
RP11-28001.2	TGFA	0.621121766	3.42E-48
RP11-28001.2	MXRA8	0.727582475	1.58E-73
RP11-28001.2	C8orf4	0.295394812	2.74E-10
RP11-28001.2	CLDN10	0.60363126	6.30E-45
RP11-28001.2	PDE5A	0.730899776	1.64E-74
RP11-28001.2	APOE	0.546831558	1.34E-35
RP11-28001.2	SPOCK2	0.452272453	1.61E-23
RP11-28001.2	TENM1	0.592560611	5.80E-43
RP11-28001.2	SLIT1	0.392091128	1.39E-17
RP11-28001.2	CXCL14	0.399987944	2.69E-18
RP11-28001.2	ECM1	0.231421455	9.50E-07
RP11-28001.2	DUSP5	0.516112909	2.97E-31
RP11-28001.2	SEZ6L2	0.419856716	3.56E-20
RP11-28001.2	THRSP	0.24181887	2.92E-07
RP11-28001.2	C19orf33	0.430699501	2.97E-21
RP11-28001.2	MPZL2	0.539009774	1.89E-34
RP11-28001.2	CTSH	0.71719584	1.52E-70
RP11-28001.2	CYP1B1	0.650772094	3.17E-54
RP11-28001.2	ALOX5	0.292432106	4.19E-10
RP11-28001.2	SYTL5	0.584409713	1.45E-41
RP11-28001.2	TNFRSF12A	0.58668867	5.96E-42
RP11-28001.2	DUSP6	0.542817124	5.26E-35
RP11-28001.2	ALOX15B	0.446331722	7.02E-23
RP11-28001.2	SDC4	0.771579548	6.98E-88
RP11-28001.2	MDK	0.642959246	1.43E-52
RP11-28001.2	KRT19	0.433541362	1.52E-21
RP11-28001.2	MET	0.59506504	2.12E-43
RP11-28001.2	TESC	0.61897491	8.82E-48
RP11-28001.2	CXCL17	0.540654685	1.09E-34
RP11-28001.2	NPC2	0.677522265	2.80E-60
RP11-28001.2	COMP	0.496397747	1.09E-28
RP11-28001.2	TUSC3	0.608552674	7.96E-46
RP11-28001.2	TMPRSS4	0.508652953	2.90E-30
RP11-28001.2	LGALS3	0.557774481	2.94E-37
RP11-28001.2	CRLF1	0.392216087	1.35E-17
RP11-28001.2	CTXN1	0.620709586	4.10E-48
RP11-28001.2	PCSK1N	0.27679563	3.67E-09
RP11-28001.2	NMU	0.47309274	7.25E-26
RP11-28001.2	GALE	0.628553354	1.21E-49
RP11-28001.2	PCSK2	0.187101276	8.02E-05
RP11-28001.2	GJB3	0.729913436	3.23E-74
RP11-28001.2	SLPI	0.252887462	7.83E-08
RP11-28001.2	AGR2	0.293677441	3.51E-10
RP11-28001.2	MRC2	0.496227116	1.14E-28

RP11-28001.2	GOLT1A	0.654419451	5.14E-55
RP11-28001.2	SLC27A6	0.60074318	2.08E-44
RP11-28001.2	KCNN4	0.477161146	2.41E-26
RP11-28001.2	ETV4	0.631549486	3.07E-50
RP11-28001.2	SYT12	0.793717865	2.17E-96
RP11-28001.2	PVRL4	0.638327818	1.30E-51
RP11-28001.2	PLCD3	0.690247379	2.16E-63
RP11-28001.2	PLAU	0.327179656	2.06E-12
RP11-28001.2	LRRK2	0.440664028	2.79E-22
RP11-28001.2	SFN	0.426675423	7.54E-21
RP11-28001.2	LPAR5	0.679565863	9.07E-61
RP11-28001.2	NGEF	0.59056155	1.29E-42
RP11-28001.2	DTX4	0.701282355	3.19E-66
RP11-28001.2	CST6	0.662032024	1.07E-56
RP11-28001.2	QPCT	0.671779255	6.31E-59
RP11-28001.2	TIMP1	0.678977378	1.26E-60
RP11-28001.2	CAMK2N1	0.742568341	4.36E-78
RP11-28001.2	KLHDC8A	0.386745122	4.12E-17
RP11-28001.2	PDLIM4	0.673039625	3.20E-59
RP11-28001.2	SCEL	0.434420472	1.24E-21
RP11-28001.2	LCN2	0.368650457	1.40E-15
RP11-28001.2	PROS1	0.603130501	7.75E-45
RP11-28001.2	GABRB2	0.71792758	9.48E-71
RP11-28001.2	TMPRSS6	0.642563377	1.73E-52
RP11-28001.2	KLK7	0.628310925	1.35E-49
RP11-28001.2	PDZK1IP1	0.310243521	3.00E-11
RP11-28001.2	CDH3	0.675580648	8.08E-60
RP11-28001.2	LRP4	0.597825344	6.90E-44
RP11-28001.2	IGSF1	0.383399028	8.04E-17
RP11-28001.2	B3GNT3	0.409196901	3.76E-19
RP11-28001.2	CLDN1	0.409377602	3.62E-19
RP11-28001.2	GDF15	0.432930892	1.76E-21
RP11-28001.2	ARHGAP36	0.358610013	9.07E-15
RP11-28001.2	LAMB3	0.490549919	5.83E-28
RP11-28001.2	KLK10	0.732598708	5.09E-75
RP11-28001.2	DPP4	0.45678729	5.14E-24
RP11-28001.2	METTL7B	0.666467716	1.06E-57
RP11-28001.2	LIPH	0.524734657	1.98E-32
RP11-28001.2	CLDN16	0.408980314	3.94E-19
RP11-28001.2	CHI3L1	0.508544021	3.00E-30
RP11-28001.2	SLC22A31	0.628402236	1.30E-49
RP11-28001.2	TACSTD2	0.672574256	4.12E-59
RP11-28001.2	SFTPB	0.4756032	3.69E-26
RP11-28001.2	RXRG	0.79962257	7.75E-99
RP11-28001.2	DCSTAMP	0.709933565	1.55E-68
RP11-28001.2	CITED1	0.638617876	1.13E-51
RP11-28001.2	SERPINA1	0.638797159	1.04E-51
RP11-28001.2	PRR15	0.676308559	5.43E-60
RP11-28001.2	SLC34A2	0.544886111	2.61E-35
RP11-28001.2	FN1	0.472081369	9.51E-26
RP11-28001.2	ZCCHC12	0.600016028	2.81E-44

CTD-2619J13.13	TFF3	-0.534948036	7.27E-34
CTD-2619J13.13	CCL21	-0.34827827	5.78E-14
CTD-2619J13.13	TPO	-0.582437384	3.12E-41
CTD-2619J13.13	MT1G	-0.505882341	6.67E-30
CTD-2619J13.13	DI01	-0.543712295	3.88E-35
CTD-2619J13.13	DPT	-0.297500977	2.02E-10
CTD-2619J13.13	CDH16	-0.529702047	4.03E-33
CTD-2619J13.13	CRABP1	-0.474429013	5.06E-26
CTD-2619J13.13	SLC26A7	-0.672746516	3.75E-59
CTD-2619J13.13	MT1H	-0.461926081	1.38E-24
CTD-2619J13.13	SLC26A4	-0.601236905	1.70E-44
CTD-2619J13.13	SLC5A8	-0.671607437	6.92E-59
CTD-2619J13.13	PKHD1L1	-0.587841162	3.79E-42
CTD-2619J13.13	TFCP2L1	-0.693941667	2.52E-64
CTD-2619J13.13	WSCD2	-0.600286405	2.52E-44
CTD-2619J13.13	IPCEF1	-0.618848966	9.32E-48
CTD-2619J13.13	SLC5A5	-0.40977055	3.32E-19
CTD-2619J13.13	MT1F	-0.461289308	1.62E-24
CTD-2619J13.13	FOSB	-0.372718248	6.48E-16
CTD-2619J13.13	SEMA3D	-0.616747103	2.34E-47
CTD-2619J13.13	BMP8A	-0.537373451	3.26E-34
CTD-2619J13.13	MATN2	-0.696378288	6.00E-65
CTD-2619J13.13	PLA2R1	-0.651009264	2.82E-54
CTD-2619J13.13	COL23A1	-0.548828078	6.75E-36
CTD-2619J13.13	HGD	-0.644271006	7.60E-53
CTD-2619J13.13	TCEAL2	-0.4083971	4.47E-19
CTD-2619J13.13	CHRD1	-0.415088353	1.03E-19
CTD-2619J13.13	TNFRSF11B	-0.633788389	1.09E-50
CTD-2619J13.13	FAM167A	-0.65126145	2.49E-54
CTD-2619J13.13	KIT	-0.595496046	1.78E-43
CTD-2619J13.13	SLC4A4	-0.685404205	3.45E-62
CTD-2619J13.13	SMOC2	-0.412614344	1.78E-19
CTD-2619J13.13	FHL1	-0.719136484	4.32E-71
CTD-2619J13.13	OTOS	-0.471308968	1.17E-25
CTD-2619J13.13	IGFBPL1	-0.6938873	2.60E-64
CTD-2619J13.13	HBB	-0.320826843	5.75E-12
CTD-2619J13.13	BEX1	-0.332272817	8.93E-13
CTD-2619J13.13	FABP4	-0.543619469	4.01E-35
CTD-2619J13.13	LMOD1	-0.554501989	9.35E-37
CTD-2619J13.13	SOD3	-0.542469802	5.91E-35
CTD-2619J13.13	TMEM171	-0.582337814	3.25E-41
CTD-2619J13.13	PI16	-0.353592217	2.25E-14
CTD-2619J13.13	ZMAT4	-0.605114649	3.39E-45
CTD-2619J13.13	MFAP4	-0.236086378	5.63E-07
CTD-2619J13.13	CWH43	-0.547031659	1.25E-35
CTD-2619J13.13	SPX	-0.686672797	1.68E-62
CTD-2619J13.13	APOD	-0.13632309	0.004216252
CTD-2619J13.13	DPP6	-0.55457773	9.10E-37
CTD-2619J13.13	MMRN1	-0.526716659	1.05E-32
CTD-2619J13.13	WDR72	-0.622771472	1.64E-48
CTD-2619J13.13	MPPED2	-0.673255286	2.85E-59

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CTD-2619J13.13	GPC3	-0.487203044	1.50E-27
CTD-2619J13.13	MYOC	-0.250996655	9.85E-08
CTD-2619J13.13	DEPTOR	-0.653427871	8.45E-55
CTD-2619J13.13	DGKI	-0.618415086	1.13E-47
CTD-2619J13.13	CARTPT	-0.484067456	3.61E-27
CTD-2619J13.13	IYD	-0.509982428	1.94E-30
CTD-2619J13.13	LYVE1	-0.396332574	5.79E-18
CTD-2619J13.13	CLCNKB	-0.548669078	7.13E-36
CTD-2619J13.13	NCAM1	-0.502019265	2.10E-29
CTD-2619J13.13	HBA2	-0.201132598	2.18E-05
CTD-2619J13.13	GLT8D2	-0.484175725	3.50E-27
CTD-2619J13.13	OGDHL	-0.515872216	3.20E-31
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CTD-2619J13.13	CSGALNACT1	-0.530985531	2.66E-33
CTD-2619J13.13	RAP1GAP	-0.588261501	3.21E-42
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CTD-2619J13.13	GRIN2C	-0.540037011	1.34E-34
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CTD-2619J13.13	PPARGC1A	-0.650808422	3.11E-54
CTD-2619J13.13	ANGPTL1	-0.657248822	1.23E-55
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CTD-2619J13.13	FCGBP	-0.517901338	1.70E-31
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CTD-2619J13.13	RGS16	-0.507235468	4.44E-30
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CTD-2619J13.13	LRP2	-0.678136612	2.00E-60
CTD-2619J13.13	MAFB	-0.524539742	2.11E-32
CTD-2619J13.13	KCNK2	-0.596773148	1.06E-43
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CTD-2619J13.13	MIOX	-0.50577818	6.88E-30
CTD-2619J13.13	TPPP	-0.642946105	1.44E-52

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CTD-2619J13.13	AQP4	-0.533599165	1.13E-33
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CTD-2619J13.13	PROX1	-0.662287161	9.36E-57
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CTD-2619J13.13	PGF	-0.465314079	5.70E-25
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CTD-2619J13.13	HSD11B2	-0.483646389	4.06E-27
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CTD-2619J13.13	TOB1	-0.447733364	4.97E-23
CTD-2619J13.13	MARC2	-0.643144393	1.31E-52
CTD-2619J13.13	LRRC2	-0.654681002	4.51E-55
CTD-2619J13.13	SORD	-0.553113971	1.52E-36

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CTD-2619J13.13	CYP7B1	-0.6685592	3.51E-58
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CTD-2619J13.13	RPS6KA6	-0.614384238	6.54E-47
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CTD-2619J13.13	KIF12	-0.341507125	1.88E-13
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CTD-2619J13.13	SNTA1	-0.47095934	1.28E-25
CTD-2619J13.13	FRAS1	-0.405952678	7.58E-19
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CTD-2619J13.13	FHL2	-0.347379466	6.77E-14
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CTD-2619J13.13	DNAJB4	-0.563195614	4.20E-38
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CTD-2619J13.13	LPAR1	-0.368657025	1.40E-15
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CTD-2619J13.13	ALDH1B1	-0.611869252	1.93E-46
CTD-2619J13.13	CXCL12	-0.31570411	1.29E-11
CTD-2619J13.13	OLFM2	-0.318905516	7.80E-12
CTD-2619J13.13	TUB	-0.586074088	7.58E-42
CTD-2619J13.13	HTRA3	-0.226976745	1.55E-06
CTD-2619J13.13	CKB	-0.229517474	1.17E-06
CTD-2619J13.13	RGS2	-0.114397903	0.016487319
CTD-2619J13.13	SHANK2	-0.656606441	1.71E-55
CTD-2619J13.13	CNTFR	-0.439163911	4.00E-22
CTD-2619J13.13	CYTH3	-0.654738304	4.38E-55
CTD-2619J13.13	PLAC9	-0.261419345	2.72E-08
CTD-2619J13.13	WWOX	-0.627667549	1.81E-49
CTD-2619J13.13	NPR3	-0.537564222	3.06E-34
CTD-2619J13.13	SDC2	-0.514281512	5.22E-31
CTD-2619J13.13	KLF15	-0.532063919	1.87E-33
CTD-2619J13.13	TMEM164	-0.684649632	5.29E-62
CTD-2619J13.13	LONRF3	-0.401280279	2.05E-18
CTD-2619J13.13	GBP1	-0.194113787	4.23E-05
CTD-2619J13.13	ARHGAP6	-0.549567617	5.23E-36
CTD-2619J13.13	TMEM119	-0.17322855	0.000265526
CTD-2619J13.13	SH3RF1	-0.635418666	5.09E-51
CTD-2619J13.13	CRELD2	-0.434663071	1.17E-21
CTD-2619J13.13	PCP4	-0.060857499	0.203142057

CTD-2619J13.13	GCSH	-0.628428222	1.28E-49
CTD-2619J13.13	IMPA2	-0.535673391	5.72E-34
CTD-2619J13.13	C1R	-0.029392487	0.539071357
CTD-2619J13.13	SUCNR1	-0.400347274	2.50E-18
CTD-2619J13.13	SFRP1	-0.406846678	6.25E-19
CTD-2619J13.13	UGT8	-0.595845391	1.54E-43
CTD-2619J13.13	TLE4	-0.351189638	3.45E-14
CTD-2619J13.13	ANTXR1	-0.503610394	1.31E-29
CTD-2619J13.13	GPX3	-0.391210976	1.66E-17
CTD-2619J13.13	DPY19L2	-0.520339093	7.96E-32
CTD-2619J13.13	FAM46C	-0.529029455	5.01E-33
CTD-2619J13.13	IL33	-0.356683854	1.29E-14
CTD-2619J13.13	PEG3	-0.650902602	2.97E-54
CTD-2619J13.13	FAHD2A	-0.530461018	3.15E-33
CTD-2619J13.13	PTGDS	-0.063711972	0.182708384
CTD-2619J13.13	CHCHD10	-0.281587311	1.91E-09
CTD-2619J13.13	CD36	-0.585122077	1.10E-41
CTD-2619J13.13	ANKRD37	-0.346056268	8.53E-14
CTD-2619J13.13	TSPAN33	-0.481378271	7.61E-27
CTD-2619J13.13	PRDM16	-0.546412449	1.55E-35
CTD-2619J13.13	UST	-0.539232511	1.75E-34
CTD-2619J13.13	NEXN	-0.540587197	1.11E-34
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CTD-2619J13.13	MARC1	-0.584296869	1.52E-41
CTD-2619J13.13	MYH11	-0.374425684	4.66E-16
CTD-2619J13.13	APOA1	-0.392889207	1.18E-17
CTD-2619J13.13	TMEM178B	-0.524653779	2.04E-32
CTD-2619J13.13	CAPN6	-0.296935294	2.19E-10
CTD-2619J13.13	PPM1L	-0.689403588	3.52E-63
CTD-2619J13.13	FZD8	-0.621051839	3.52E-48
CTD-2619J13.13	RCAN2	-0.638030029	1.49E-51
CTD-2619J13.13	COPZ2	-0.47664162	2.78E-26
CTD-2619J13.13	GAS1	-0.338058922	3.38E-13
CTD-2619J13.13	DACT1	-0.452746598	1.43E-23
CTD-2619J13.13	WBSCR17	-0.516192058	2.90E-31
CTD-2619J13.13	NCS1	-0.423612397	1.52E-20
CTD-2619J13.13	SPIRE2	-0.280774726	2.14E-09
CTD-2619J13.13	C15orf52	-0.486312077	1.93E-27
CTD-2619J13.13	SPAG5	-0.38738506	3.62E-17
CTD-2619J13.13	ARL4D	-0.36992902	1.10E-15
CTD-2619J13.13	FAM189A2	-0.416472031	7.60E-20
CTD-2619J13.13	MAP1LC3A	-0.411412416	2.32E-19
CTD-2619J13.13	KLF6	-0.18880156	6.88E-05
CTD-2619J13.13	ADD3	-0.579374978	1.02E-40
CTD-2619J13.13	TSPAN7	-0.48286671	5.04E-27
CTD-2619J13.13	KLF9	-0.478517132	1.67E-26
CTD-2619J13.13	KCNQ1	-0.539497321	1.61E-34
CTD-2619J13.13	MAN1A1	-0.324221289	3.34E-12
CTD-2619J13.13	MLF1	-0.352175264	2.90E-14
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CTD-2619J13.13	SDF2L1	-0.338016938	3.40E-13
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CTD-2619J13.13	ACKR3	-0.479068737	1.43E-26
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CTD-2619J13.13	GNAI1	-0.566067958	1.48E-38
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CTD-2619J13.13	SIGLEC15	0.446153298	7.34E-23

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CTD-2619J13.13	ASPHD1	0.689260616	3.82E-63
CTD-2619J13.13	C15orf48	0.481198989	7.99E-27
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CTD-2619J13.13	EFHD2	0.386737858	4.12E-17
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CTD-2619J13.13	CST5	0.621693192	2.65E-48
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CTD-2619J13.13	C1orf115	0.283445803	1.48E-09
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CTD-2619J13.13	IGFBP2	0.314572533	1.54E-11
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CTD-2619J13.13	GPX1	0.522437574	4.11E-32
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CTD-2619J13.13	CDT1	0.483715748	3.98E-27
CTD-2619J13.13	SNX25	0.258510406	3.92E-08
CTD-2619J13.13	MTHFD1L	0.473624034	6.29E-26
CTD-2619J13.13	CDC42BPG	0.475865504	3.43E-26
CTD-2619J13.13	MSN	0.284519936	1.28E-09
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CTD-2619J13.13	PMEPA1	0.519143548	1.16E-31
CTD-2619J13.13	CXCL16	0.568631806	5.76E-39
CTD-2619J13.13	FAXC	0.526604891	1.09E-32
CTD-2619J13.13	VTCN1	0.548919412	6.54E-36
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CTD-2619J13.13	RAB34	0.667076434	7.68E-58

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CTD-2619J13.13	EPHA10	0.604424128	4.52E-45
CTD-2619J13.13	ENTPD2	0.504158878	1.11E-29
CTD-2619J13.13	DDB2	0.568791515	5.43E-39
CTD-2619J13.13	NKAIN4	0.427055068	6.91E-21
CTD-2619J13.13	TRIM29	0.487180546	1.51E-27
CTD-2619J13.13	ADCY8	0.516946769	2.29E-31
CTD-2619J13.13	SFTA2	0.517936513	1.69E-31
CTD-2619J13.13	NRIP1	0.337243784	3.88E-13
CTD-2619J13.13	VWA1	0.295811875	2.58E-10
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CTD-2619J13.13	EDIL3	0.196002065	3.55E-05
CTD-2619J13.13	AGRN	0.303117907	8.81E-11
CTD-2619J13.13	TREM1	0.506819176	5.03E-30
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CTD-2619J13.13	RASGRF1	0.518861717	1.26E-31
CTD-2619J13.13	RMI2	0.522429631	4.12E-32
CTD-2619J13.13	SAMD1	0.678256748	1.87E-60
CTD-2619J13.13	MGAT4B	0.523997357	2.51E-32
CTD-2619J13.13	NXN	0.625210079	5.50E-49
CTD-2619J13.13	SH3BGRL3	0.671359632	7.90E-59
CTD-2619J13.13	CA11	0.477320027	2.31E-26
CTD-2619J13.13	PLD3	0.439295756	3.88E-22
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CTD-2619J13.13	BCL2L1	0.661312456	1.55E-56
CTD-2619J13.13	GGT6	0.455974245	6.32E-24
CTD-2619J13.13	DPYSL3	0.375704204	3.64E-16
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CTD-2619J13.13	EPHA4	0.344363583	1.15E-13
CTD-2619J13.13	TCERG1L	0.227492182	1.46E-06
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CTD-2619J13.13	EBI3	0.573420087	9.70E-40
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CTD-2619J13.13	RUNX2	0.46748901	3.22E-25
CTD-2619J13.13	LAMC2	0.444264595	1.17E-22
CTD-2619J13.13	BRINP1	0.491035112	5.08E-28
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CTD-2619J13.13	AQP5	0.289197016	6.64E-10
CTD-2619J13.13	PLAG1	0.352661198	2.66E-14
CTD-2619J13.13	PTPRU	0.526690135	1.06E-32
CTD-2619J13.13	ANGPTL4	0.407931874	4.95E-19
CTD-2619J13.13	PALM3	0.412281736	1.92E-19
CTD-2619J13.13	ACP5	0.463477288	9.20E-25
CTD-2619J13.13	DLG4	0.384195568	6.86E-17
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CTD-2619J13.13	CD109	0.41766403	5.82E-20
CTD-2619J13.13	SNX22	0.414822181	1.10E-19
CTD-2619J13.13	TMEM98	0.477880851	1.98E-26
CTD-2619J13.13	CTHRC1	0.446309036	7.06E-23
CTD-2619J13.13	S100A2	0.55990485	1.37E-37
CTD-2619J13.13	C11orf80	0.696665933	5.06E-65
CTD-2619J13.13	SREBF1	0.557274196	3.51E-37
CTD-2619J13.13	PRSS22	0.68724823	1.21E-62
CTD-2619J13.13	CMTM3	0.586675194	5.99E-42
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CTD-2619J13.13	S100A4	0.498159876	6.52E-29
CTD-2619J13.13	BNIP1	0.553815497	1.19E-36
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CTD-2619J13.13	CD1A	0.512137511	1.01E-30
CTD-2619J13.13	C3	0.389763386	2.23E-17
CTD-2619J13.13	NT5E	0.401829898	1.83E-18
CTD-2619J13.13	CACNG4	0.601285982	1.67E-44
CTD-2619J13.13	FHOD1	0.598448103	5.35E-44
CTD-2619J13.13	LEMD1	0.553889253	1.16E-36
CTD-2619J13.13	ATP11A	0.309041168	3.61E-11
CTD-2619J13.13	PPAP2C	0.53896146	1.92E-34
CTD-2619J13.13	DRAM1	0.528217579	6.50E-33
CTD-2619J13.13	CDA	0.318958422	7.73E-12
CTD-2619J13.13	CCND2	0.344277204	1.16E-13
CTD-2619J13.13	LCN6	0.290475334	5.54E-10
CTD-2619J13.13	CDH4	0.462859871	1.08E-24
CTD-2619J13.13	MMP11	0.589092666	2.31E-42
CTD-2619J13.13	B3GAT1	0.324181007	3.36E-12
CTD-2619J13.13	SPP1	0.306037341	5.69E-11

CTD-2619J13.13	HLA-DQB1	0.314074543	1.66E-11
CTD-2619J13.13	SDC3	0.507852459	3.69E-30
CTD-2619J13.13	CX3CL1	0.369240259	1.26E-15
CTD-2619J13.13	SDK1	0.45535087	7.40E-24
CTD-2619J13.13	DOCK9	0.27328076	5.86E-09
CTD-2619J13.13	CSF2	0.66207865	1.04E-56
CTD-2619J13.13	GRHL3	0.612990808	1.19E-46
CTD-2619J13.13	TMEM92	0.63522656	5.57E-51
CTD-2619J13.13	BASP1	0.562275232	5.86E-38
CTD-2619J13.13	HRH1	0.512581452	8.79E-31
CTD-2619J13.13	ESM1	0.101654403	0.033225945
CTD-2619J13.13	B4GALNT3	0.377584964	2.53E-16
CTD-2619J13.13	LMO3	0.315291648	1.38E-11
CTD-2619J13.13	C9orf16	0.667353726	6.64E-58
CTD-2619J13.13	SEMA3F	0.304871865	6.78E-11
CTD-2619J13.13	PLA2G12B	0.392078166	1.39E-17
CTD-2619J13.13	KLK6	0.539855072	1.42E-34
CTD-2619J13.13	ST3GAL5	0.458160381	3.62E-24
CTD-2619J13.13	FAM132B	0.215904654	5.00E-06
CTD-2619J13.13	CDKN1A	0.303190669	8.71E-11
CTD-2619J13.13	E2F1	0.470455676	1.47E-25
CTD-2619J13.13	B3GNT8	0.53679745	3.94E-34
CTD-2619J13.13	MTMR11	0.625561977	4.69E-49
CTD-2619J13.13	MYO1G	0.479854657	1.16E-26
CTD-2619J13.13	TMSB10	0.695143737	1.24E-64
CTD-2619J13.13	UNC5CL	0.584257438	1.54E-41
CTD-2619J13.13	ABR	0.431948024	2.22E-21
CTD-2619J13.13	PLP2	0.670509886	1.24E-58
CTD-2619J13.13	SRCIN1	0.509575639	2.19E-30
CTD-2619J13.13	PDE9A	0.62740359	2.04E-49
CTD-2619J13.13	TREM2	0.435228576	1.02E-21
CTD-2619J13.13	KDEL3	0.408004069	4.87E-19
CTD-2619J13.13	PC	0.405374125	8.58E-19
CTD-2619J13.13	C2CD4A	0.499050046	5.03E-29
CTD-2619J13.13	PELI1	0.469755851	1.77E-25
CTD-2619J13.13	SSX1	0.31742502	9.85E-12
CTD-2619J13.13	MROH6	0.657644831	1.01E-55
CTD-2619J13.13	ESPN	0.618248002	1.21E-47
CTD-2619J13.13	BMP1	0.494813654	1.72E-28
CTD-2619J13.13	TM4SF4	0.478942842	1.49E-26
CTD-2619J13.13	CORO2A	0.419623368	3.75E-20
CTD-2619J13.13	CD164L2	0.582271384	3.33E-41
CTD-2619J13.13	CTSS	0.359514486	7.69E-15
CTD-2619J13.13	CLU	0.472002836	9.71E-26
CTD-2619J13.13	TMSB4X	0.55702669	3.83E-37
CTD-2619J13.13	WNT10A	0.638108984	1.44E-51
CTD-2619J13.13	NAPSA	0.524556904	2.10E-32
CTD-2619J13.13	PLEKHA4	0.496728597	9.88E-29
CTD-2619J13.13	SFTPA1	0.285497329	1.11E-09
CTD-2619J13.13	C1orf116	0.495397881	1.45E-28
CTD-2619J13.13	TM4SF1	0.463155318	1.00E-24

CTD-2619J13.13	SEL1L3	0.365881272	2.37E-15
CTD-2619J13.13	VASN	0.604535186	4.32E-45
CTD-2619J13.13	NPTXR	0.481496705	7.36E-27
CTD-2619J13.13	PDE4C	0.593341115	4.24E-43
CTD-2619J13.13	CDC42EP1	0.589170251	2.24E-42
CTD-2619J13.13	ENDOD1	0.45519797	7.69E-24
CTD-2619J13.13	RYR1	0.556269422	5.01E-37
CTD-2619J13.13	IL1RAP	0.358844305	8.69E-15
CTD-2619J13.13	SLC35F2	0.49833336	6.20E-29
CTD-2619J13.13	ISYNA1	0.608221676	9.15E-46
CTD-2619J13.13	HLA-G	0.491538917	4.40E-28
CTD-2619J13.13	CDKN2B	0.454749765	8.62E-24
CTD-2619J13.13	ALDH1A3	0.421047981	2.72E-20
CTD-2619J13.13	CLIP3	0.556777908	4.19E-37
CTD-2619J13.13	ULBP2	0.44968249	3.07E-23
CTD-2619J13.13	ETHE1	0.621812511	2.51E-48
CTD-2619J13.13	XPR1	0.453324159	1.23E-23
CTD-2619J13.13	SPTBN2	0.536938295	3.76E-34
CTD-2619J13.13	IVL	0.617636622	1.59E-47
CTD-2619J13.13	MARCO	0.477226982	2.37E-26
CTD-2619J13.13	PLXND1	0.349001658	5.09E-14
CTD-2619J13.13	EMILIN2	0.469108507	2.10E-25
CTD-2619J13.13	PLAUR	0.570310733	3.09E-39
CTD-2619J13.13	CDC42EP5	0.688367467	6.38E-63
CTD-2619J13.13	TRPC5	0.243899206	2.29E-07
CTD-2619J13.13	TMEM100	0.418919856	4.40E-20
CTD-2619J13.13	QSOX1	0.594447019	2.72E-43
CTD-2619J13.13	ARHGAP23	0.445607935	8.39E-23
CTD-2619J13.13	MDF1	0.48610386	2.04E-27
CTD-2619J13.13	FSTL3	0.617470876	1.71E-47
CTD-2619J13.13	INF2	0.4987207	5.53E-29
CTD-2619J13.13	TGFBR1	0.413385938	1.50E-19
CTD-2619J13.13	TGFBI	0.382562739	9.49E-17
CTD-2619J13.13	ERBB3	0.618163609	1.26E-47
CTD-2619J13.13	CCL18	0.326748969	2.21E-12
CTD-2619J13.13	CCL17	0.539818246	1.44E-34
CTD-2619J13.13	C16orf45	0.403782428	1.21E-18
CTD-2619J13.13	PRDM1	0.296650842	2.28E-10
CTD-2619J13.13	TRIM47	0.671388142	7.78E-59
CTD-2619J13.13	CNFN	0.628428222	1.28E-49
CTD-2619J13.13	ARMCX3	0.331890566	9.51E-13
CTD-2619J13.13	RAMP1	0.447189561	5.69E-23
CTD-2619J13.13	GABRD	0.21260694	7.01E-06
CTD-2619J13.13	COL13A1	0.409678598	3.39E-19
CTD-2619J13.13	S100A5	0.595264001	1.95E-43
CTD-2619J13.13	MISP	0.541312127	8.74E-35
CTD-2619J13.13	HES6	0.339893018	2.47E-13
CTD-2619J13.13	PSD3	0.293324619	3.69E-10
CTD-2619J13.13	DOK7	0.566926214	1.08E-38
CTD-2619J13.13	ZMAT3	0.345896417	8.78E-14
CTD-2619J13.13	MFAP2	0.556661743	4.36E-37

CTD-2619J13.13	TMEM79	0.700383911	5.48E-66
CTD-2619J13.13	SLC1A5	0.504631054	9.68E-30
CTD-2619J13.13	BBC3	0.632084358	2.40E-50
CTD-2619J13.13	HLA-DQB2	0.451975288	1.73E-23
CTD-2619J13.13	C1QL1	0.440351308	3.01E-22
CTD-2619J13.13	TMEM215	0.208990946	1.01E-05
CTD-2619J13.13	PNP	0.454769905	8.57E-24
CTD-2619J13.13	ARNTL	0.437918659	5.40E-22
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CTD-2619J13.13	MVP	0.662288579	9.35E-57
CTD-2619J13.13	LGALS1	0.580050973	7.84E-41
CTD-2619J13.13	BIRC7	0.524927613	1.87E-32
CTD-2619J13.13	COL8A1	0.428108918	5.42E-21
CTD-2619J13.13	PERP	0.569949473	3.54E-39
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CTD-2619J13.13	RUNX1	0.557883812	2.83E-37
CTD-2619J13.13	LONRF2	0.290889417	5.22E-10
CTD-2619J13.13	SPOCK1	0.177529336	0.00018491
CTD-2619J13.13	XKRX	0.418079187	5.31E-20
CTD-2619J13.13	TGFB1	0.428684351	4.74E-21
CTD-2619J13.13	ERP27	0.297072949	2.15E-10
CTD-2619J13.13	TNFRSF10C	0.387441937	3.58E-17
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CTD-2619J13.13	TSC22D1	0.345335309	9.68E-14
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CTD-2619J13.13	ECE1	0.523684322	2.77E-32
CTD-2619J13.13	COL8A2	0.516435309	2.69E-31
CTD-2619J13.13	HIST3H2A	0.466875139	3.78E-25
CTD-2619J13.13	TNFRSF21	0.430307536	3.25E-21
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CTD-2619J13.13	ELF3	0.614885043	5.27E-47
CTD-2619J13.13	TPD52L1	0.438355943	4.86E-22
CTD-2619J13.13	INHBB	0.42248394	1.97E-20
CTD-2619J13.13	HPN	0.482132845	6.17E-27
CTD-2619J13.13	MMP7	0.461911472	1.38E-24
CTD-2619J13.13	RAB27A	0.373626431	5.44E-16
CTD-2619J13.13	IGF2BP2	0.500563448	3.23E-29
CTD-2619J13.13	ITGB4	0.567702064	8.11E-39
CTD-2619J13.13	PPP1R1B	0.612378355	1.55E-46
CTD-2619J13.13	NPDC1	0.539476896	1.62E-34
CTD-2619J13.13	CCL13	0.535067156	6.99E-34
CTD-2619J13.13	SPINT1	0.688814112	4.94E-63
CTD-2619J13.13	HEY2	0.405507451	8.34E-19
CTD-2619J13.13	CST2	0.561511922	7.72E-38
CTD-2619J13.13	ADM	0.327932316	1.83E-12
CTD-2619J13.13	VSTM2L	0.484474434	3.22E-27

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CTD-2619J13.13	P4HA2	0.472351329	8.84E-26
CTD-2619J13.13	LPL	0.365314491	2.63E-15
CTD-2619J13.13	TMEM173	0.543497412	4.18E-35
CTD-2619J13.13	DHRS3	0.605267066	3.18E-45
CTD-2619J13.13	SCN1B	0.586141177	7.39E-42
CTD-2619J13.13	GLT1D1	0.224285669	2.07E-06
CTD-2619J13.13	PHYHIP	0.633595775	1.19E-50
CTD-2619J13.13	BHLHE40	0.450891794	2.27E-23
CTD-2619J13.13	BID	0.61753683	1.66E-47
CTD-2619J13.13	POSTN	0.325848587	2.56E-12
CTD-2619J13.13	ITGA3	0.635396397	5.15E-51
CTD-2619J13.13	RSP04	0.555074586	7.64E-37
CTD-2619J13.13	ADAMTS9	0.217795201	4.11E-06
CTD-2619J13.13	ABTB2	0.498483406	5.93E-29
CTD-2619J13.13	KCNQ3	0.50347579	1.37E-29
CTD-2619J13.13	ANXA1	0.407137019	5.87E-19
CTD-2619J13.13	S100A11	0.76095036	3.93E-84
CTD-2619J13.13	CEACAM6	0.529237087	4.68E-33
CTD-2619J13.13	IER5L	0.568362457	6.36E-39
CTD-2619J13.13	KRT80	0.507438862	4.18E-30
CTD-2619J13.13	CDH6	0.529773107	3.94E-33
CTD-2619J13.13	UNC5B	0.365505403	2.54E-15
CTD-2619J13.13	PLEKHN1	0.674301051	1.62E-59
CTD-2619J13.13	SYTL1	0.6422138	2.04E-52
CTD-2619J13.13	TMEM163	0.531486075	2.26E-33
CTD-2619J13.13	C4orf48	0.460498708	1.99E-24
CTD-2619J13.13	B3GNT7	0.462215505	1.28E-24
CTD-2619J13.13	BAIAP3	0.553891948	1.16E-36
CTD-2619J13.13	PHLDA2	0.590685639	1.23E-42
CTD-2619J13.13	GAP43	0.544904687	2.59E-35
CTD-2619J13.13	S100A1	0.549628607	5.12E-36
CTD-2619J13.13	PTPRE	0.530080894	3.56E-33
CTD-2619J13.13	CCND1	0.437504494	5.96E-22
CTD-2619J13.13	ST6GALNAC5	0.551143109	3.03E-36
CTD-2619J13.13	KRT17	0.410159568	3.05E-19
CTD-2619J13.13	HPCAL4	0.457473038	4.32E-24
CTD-2619J13.13	GABBR2	0.341225578	1.97E-13
CTD-2619J13.13	DIRAS3	0.461358667	1.59E-24
CTD-2619J13.13	SERINC2	0.516461407	2.66E-31
CTD-2619J13.13	PTCHD4	0.388166583	3.09E-17
CTD-2619J13.13	EPS8	0.256349234	5.12E-08
CTD-2619J13.13	LY6E	0.604263143	4.84E-45
CTD-2619J13.13	UPP1	0.627034955	2.41E-49
CTD-2619J13.13	AHNAK2	0.532215543	1.78E-33
CTD-2619J13.13	PLXNC1	0.438702309	4.47E-22
CTD-2619J13.13	TNC	0.317536504	9.68E-12
CTD-2619J13.13	DUSP4	0.405575675	8.22E-19
CTD-2619J13.13	NRCAM	0.292898398	3.92E-10
CTD-2619J13.13	NRP2	0.509724993	2.10E-30
CTD-2619J13.13	CTSC	0.576712836	2.80E-40

CTD-2619J13.13	AMIG02	0.420894371	2.82E-20
CTD-2619J13.13	NAB2	0.504328373	1.06E-29
CTD-2619J13.13	TBC1D2	0.547967126	9.08E-36
CTD-2619J13.13	PHLDA3	0.686643862	1.71E-62
CTD-2619J13.13	PTP4A3	0.607420296	1.28E-45
CTD-2619J13.13	CRABP2	0.630902287	4.13E-50
CTD-2619J13.13	GOS2	0.422452452	1.98E-20
CTD-2619J13.13	S100A6	0.74409656	1.43E-78
CTD-2619J13.13	FOXQ1	0.527846108	7.33E-33
CTD-2619J13.13	LRG1	0.519372615	1.08E-31
CTD-2619J13.13	LAMP5	0.508360378	3.17E-30
CTD-2619J13.13	ALDH3B1	0.629747165	7.01E-50
CTD-2619J13.13	CDH2	0.07170875	0.133585085
CTD-2619J13.13	SCG5	0.412148551	1.97E-19
CTD-2619J13.13	ZCCHC16	0.290376727	5.62E-10
CTD-2619J13.13	GRB7	0.608751863	7.31E-46
CTD-2619J13.13	TIAM1	0.359635189	7.52E-15
CTD-2619J13.13	FXYD5	0.589102453	2.30E-42
CTD-2619J13.13	CLDN9	0.62691099	2.55E-49
CTD-2619J13.13	FAM43A	0.481894559	6.60E-27
CTD-2619J13.13	CHST2	0.491688698	4.21E-28
CTD-2619J13.13	HMGA2	0.506188284	6.08E-30
CTD-2619J13.13	GALNT7	0.3702795	1.03E-15
CTD-2619J13.13	CBLN1	0.448152493	4.48E-23
CTD-2619J13.13	STRA6	0.608187067	9.29E-46
CTD-2619J13.13	MUC21	0.571856379	1.74E-39
CTD-2619J13.13	PRR36	0.650538506	3.55E-54
CTD-2619J13.13	NFE2L3	0.551508091	2.67E-36
CTD-2619J13.13	NR1D1	0.457832595	3.94E-24
CTD-2619J13.13	MUC1	0.609944713	4.40E-46
CTD-2619J13.13	NAT8L	0.327951323	1.82E-12
CTD-2619J13.13	APOC1	0.355113279	1.71E-14
CTD-2619J13.13	EVA1A	0.545361578	2.22E-35
CTD-2619J13.13	ENTPD1	0.236384236	5.45E-07
CTD-2619J13.13	COL1A1	0.48353448	4.19E-27
CTD-2619J13.13	FNDC4	0.581519981	4.45E-41
CTD-2619J13.13	FRMD3	0.209505245	9.59E-06
CTD-2619J13.13	SHROOM4	0.435862162	8.81E-22
CTD-2619J13.13	NELL2	0.285785974	1.07E-09
CTD-2619J13.13	EPHB3	0.657203717	1.26E-55
CTD-2619J13.13	TMC6	0.581339989	4.77E-41
CTD-2619J13.13	NOD1	0.497745428	7.35E-29
CTD-2619J13.13	GGCT	0.619017469	8.66E-48
CTD-2619J13.13	ICAM1	0.496032744	1.21E-28
CTD-2619J13.13	PRSS23	0.459770658	2.40E-24
CTD-2619J13.13	CFI	0.545135773	2.39E-35
CTD-2619J13.13	CD55	0.549327203	5.68E-36
CTD-2619J13.13	RASD2	0.431725907	2.34E-21
CTD-2619J13.13	KLK11	0.514781441	4.48E-31
CTD-2619J13.13	ICAM5	0.575857274	3.87E-40
CTD-2619J13.13	ADORA1	0.496794268	9.70E-29

CTD-2619J13.13	ITGA2	0.495829491	1.28E-28
CTD-2619J13.13	ABCC3	0.34670574	7.62E-14
CTD-2619J13.13	MFGE8	0.501318022	2.58E-29
CTD-2619J13.13	STK32A	0.321892749	4.85E-12
CTD-2619J13.13	CYSLTR2	0.39878125	3.47E-18
CTD-2619J13.13	LAD1	0.610446533	3.55E-46
CTD-2619J13.13	MGAT3	0.461318385	1.61E-24
CTD-2619J13.13	IGFBP6	0.60928432	5.83E-46
CTD-2619J13.13	CYP2S1	0.676423077	5.10E-60
CTD-2619J13.13	KCNJ2	0.512333095	9.49E-31
CTD-2619J13.13	FAM20A	0.596163674	1.36E-43
CTD-2619J13.13	TGFA	0.381630018	1.14E-16
CTD-2619J13.13	MXRA8	0.668619481	3.40E-58
CTD-2619J13.13	C8orf4	0.410657417	2.74E-19
CTD-2619J13.13	CLDN10	0.603965505	5.48E-45
CTD-2619J13.13	PDE5A	0.392588215	1.25E-17
CTD-2619J13.13	APOE	0.327326814	2.02E-12
CTD-2619J13.13	SPOCK2	0.439448514	3.74E-22
CTD-2619J13.13	TENM1	0.368790635	1.37E-15
CTD-2619J13.13	SLIT1	0.36184643	5.01E-15
CTD-2619J13.13	CXCL14	0.428294441	5.19E-21
CTD-2619J13.13	ECM1	0.395376166	7.06E-18
CTD-2619J13.13	DUSP5	0.53024656	3.38E-33
CTD-2619J13.13	SEZ6L2	0.659036253	4.97E-56
CTD-2619J13.13	THRSP	0.202109572	1.98E-05
CTD-2619J13.13	C19orf33	0.658441388	6.73E-56
CTD-2619J13.13	MPZL2	0.48869253	9.87E-28
CTD-2619J13.13	CTSH	0.578098869	1.65E-40
CTD-2619J13.13	CYP1B1	0.395653883	6.67E-18
CTD-2619J13.13	ALOX5	0.555936672	5.64E-37
CTD-2619J13.13	SYTL5	0.453513812	1.18E-23
CTD-2619J13.13	TNFRSF12A	0.555941494	5.63E-37
CTD-2619J13.13	DUSP6	0.435625152	9.32E-22
CTD-2619J13.13	ALOX15B	0.607710636	1.14E-45
CTD-2619J13.13	SDC4	0.548952185	6.47E-36
CTD-2619J13.13	MDK	0.675550778	8.22E-60
CTD-2619J13.13	KRT19	0.702292897	1.73E-66
CTD-2619J13.13	MET	0.469467071	1.91E-25
CTD-2619J13.13	TESC	0.394126864	9.14E-18
CTD-2619J13.13	CXCL17	0.585615266	9.08E-42
CTD-2619J13.13	NPC2	0.583407691	2.15E-41
CTD-2619J13.13	COMP	0.523510146	2.93E-32
CTD-2619J13.13	TUSC3	0.487884058	1.24E-27
CTD-2619J13.13	TMPRSS4	0.653185613	9.54E-55
CTD-2619J13.13	LGALS3	0.671316372	8.08E-59
CTD-2619J13.13	CRLF1	0.416433309	7.66E-20
CTD-2619J13.13	CTXN1	0.648103588	1.18E-53
CTD-2619J13.13	PCSK1N	0.462526979	1.18E-24
CTD-2619J13.13	NMU	0.607524348	1.23E-45
CTD-2619J13.13	GALE	0.692189978	7.02E-64
CTD-2619J13.13	PCSK2	0.286626927	9.52E-10

CTD-2619J13.13	GJB3	0.610665104	3.24E-46
CTD-2619J13.13	SLPI	0.524696614	2.01E-32
CTD-2619J13.13	AGR2	0.297880428	1.91E-10
CTD-2619J13.13	MRC2	0.50265427	1.74E-29
CTD-2619J13.13	GOLT1A	0.617178408	1.94E-47
CTD-2619J13.13	SLC27A6	0.471626842	1.07E-25
CTD-2619J13.13	KCNN4	0.678556591	1.58E-60
CTD-2619J13.13	ETV4	0.497197954	8.62E-29
CTD-2619J13.13	SYT12	0.575961383	3.72E-40
CTD-2619J13.13	PVRL4	0.735357406	7.44E-76
CTD-2619J13.13	PLCD3	0.528804501	5.38E-33
CTD-2619J13.13	PLAU	0.543458123	4.23E-35
CTD-2619J13.13	LRRK2	0.267758047	1.21E-08
CTD-2619J13.13	SFN	0.660896022	1.92E-56
CTD-2619J13.13	LPAR5	0.431200826	2.64E-21
CTD-2619J13.13	NGEF	0.690203833	2.22E-63
CTD-2619J13.13	DTX4	0.483930205	3.75E-27
CTD-2619J13.13	CST6	0.68656571	1.79E-62
CTD-2619J13.13	QPCT	0.507914726	3.62E-30
CTD-2619J13.13	TIMP1	0.684687786	5.18E-62
CTD-2619J13.13	CAMK2N1	0.567076136	1.02E-38
CTD-2619J13.13	KLHDC8A	0.37570548	3.64E-16
CTD-2619J13.13	PDLIM4	0.69908454	1.20E-65
CTD-2619J13.13	SCEL	0.426302905	8.22E-21
CTD-2619J13.13	LCN2	0.603116105	7.80E-45
CTD-2619J13.13	PROS1	0.478856832	1.52E-26
CTD-2619J13.13	GABRB2	0.473034843	7.36E-26
CTD-2619J13.13	TMPRSS6	0.669340581	2.32E-58
CTD-2619J13.13	KLK7	0.542347906	6.16E-35
CTD-2619J13.13	PDZK1IP1	0.557421423	3.33E-37
CTD-2619J13.13	CDH3	0.524299044	2.28E-32
CTD-2619J13.13	LRP4	0.341864838	1.76E-13
CTD-2619J13.13	IGSF1	0.40811995	4.75E-19
CTD-2619J13.13	B3GNT3	0.588246891	3.23E-42
CTD-2619J13.13	CLDN1	0.410596001	2.77E-19
CTD-2619J13.13	GDF15	0.538675232	2.11E-34
CTD-2619J13.13	ARHGAP36	0.414155748	1.27E-19
CTD-2619J13.13	LAMB3	0.529554394	4.22E-33
CTD-2619J13.13	KLK10	0.663850065	4.16E-57
CTD-2619J13.13	DPP4	0.419007086	4.31E-20
CTD-2619J13.13	METTL7B	0.491214252	4.83E-28
CTD-2619J13.13	LIPH	0.607965518	1.02E-45
CTD-2619J13.13	CLDN16	0.357986758	1.02E-14
CTD-2619J13.13	CHI3L1	0.502101388	2.05E-29
CTD-2619J13.13	SLC22A31	0.716063552	3.16E-70
CTD-2619J13.13	TACSTD2	0.586610233	6.15E-42
CTD-2619J13.13	SFTPB	0.61758463	1.62E-47
CTD-2619J13.13	RXRG	0.469343815	1.97E-25
CTD-2619J13.13	DCSTAMP	0.563309215	4.03E-38
CTD-2619J13.13	CITED1	0.544097809	3.41E-35
CTD-2619J13.13	SERPINA1	0.716680716	2.12E-70

CTD-2619J13.13	PRR15	0.480287544	1.03E-26
CTD-2619J13.13	SLC34A2	0.504770905	9.29E-30
CTD-2619J13.13	FN1	0.556607987	4.45E-37
CTD-2619J13.13	ZCCHC12	0.37584363	3.54E-16
RP11-476D10.1	TFF3	-0.313958186	1.69E-11
RP11-476D10.1	CCL21	-0.255426107	5.74E-08
RP11-476D10.1	TPO	-0.191634705	5.32E-05
RP11-476D10.1	MT1G	-0.199247681	2.61E-05
RP11-476D10.1	DI01	-0.266420811	1.44E-08
RP11-476D10.1	DPT	-0.274196219	5.19E-09
RP11-476D10.1	CDH16	-0.379642422	1.69E-16
RP11-476D10.1	CRABP1	-0.305950687	5.76E-11
RP11-476D10.1	SLC26A7	-0.204915322	1.51E-05
RP11-476D10.1	MT1H	-0.221817285	2.69E-06
RP11-476D10.1	SLC26A4	-0.103010978	0.030934868
RP11-476D10.1	SLC5A8	-0.330320833	1.23E-12
RP11-476D10.1	PKHD1L1	-0.372235033	7.10E-16
RP11-476D10.1	TFCP2L1	-0.351144932	3.48E-14
RP11-476D10.1	WSCD2	-0.230056035	1.10E-06
RP11-476D10.1	IPCEF1	-0.312763751	2.04E-11
RP11-476D10.1	SLC5A5	-0.243560652	2.38E-07
RP11-476D10.1	MT1F	-0.236101245	5.62E-07
RP11-476D10.1	FOSB	-0.143655499	0.002552911
RP11-476D10.1	SEMA3D	-0.310395461	2.93E-11
RP11-476D10.1	BMP8A	-0.168298914	0.000397869
RP11-476D10.1	MATN2	-0.368627131	1.41E-15
RP11-476D10.1	PLA2R1	-0.412662194	1.76E-19
RP11-476D10.1	COL23A1	-0.234581998	6.68E-07
RP11-476D10.1	HGD	-0.165813452	0.00048583
RP11-476D10.1	TCEAL2	-0.220183541	3.20E-06
RP11-476D10.1	CHRD1	-0.235214258	6.22E-07
RP11-476D10.1	TNFRSF11B	-0.346485774	7.92E-14
RP11-476D10.1	FAM167A	-0.16734348	0.000429762
RP11-476D10.1	KIT	-0.385997702	4.78E-17
RP11-476D10.1	SLC4A4	-0.295681683	2.63E-10
RP11-476D10.1	SMOC2	-0.247799211	1.45E-07
RP11-476D10.1	FHL1	-0.2198705	3.31E-06
RP11-476D10.1	OTOS	-0.208466427	1.06E-05
RP11-476D10.1	IGFBPL1	-0.319279357	7.35E-12
RP11-476D10.1	HBB	-0.177532552	0.00018486
RP11-476D10.1	BEX1	-0.147309722	0.001970915
RP11-476D10.1	FABP4	-0.199124734	2.64E-05
RP11-476D10.1	LMOD1	-0.16076083	0.000722951
RP11-476D10.1	SOD3	-0.217759496	4.13E-06
RP11-476D10.1	TMEM171	-0.405608777	8.16E-19
RP11-476D10.1	PI16	-0.222377663	2.54E-06
RP11-476D10.1	ZMAT4	-0.26267166	2.32E-08
RP11-476D10.1	MFAP4	-0.193912088	4.31E-05
RP11-476D10.1	CWH43	-0.435093843	1.06E-21
RP11-476D10.1	SPX	-0.201693143	2.07E-05
RP11-476D10.1	APOD	-0.260499844	3.05E-08

RP11-476D10.1	DPP6	-0.358066154	1.00E-14
RP11-476D10.1	MMRN1	-0.2672649	1.29E-08
RP11-476D10.1	WDR72	-0.375907634	3.50E-16
RP11-476D10.1	MPPED2	-0.208091118	1.10E-05
RP11-476D10.1	PAPSS2	-0.316669598	1.11E-11
RP11-476D10.1	DCN	-0.25217852	8.53E-08
RP11-476D10.1	SORBS2	-0.245037729	2.00E-07
RP11-476D10.1	EGR2	-0.150270205	0.001591387
RP11-476D10.1	EDN3	0.115244548	0.015700204
RP11-476D10.1	DIO2	-0.248672094	1.30E-07
RP11-476D10.1	ITPR1	-0.177572693	0.000184229
RP11-476D10.1	CFD	-0.205520836	1.42E-05
RP11-476D10.1	CPXM1	-0.261912286	2.55E-08
RP11-476D10.1	ELMO1	-0.137058098	0.004013644
RP11-476D10.1	GPC3	-0.259772427	3.34E-08
RP11-476D10.1	MYOC	-0.158674148	0.000849095
RP11-476D10.1	DEPTOR	-0.328378911	1.70E-12
RP11-476D10.1	DGKI	-0.386640946	4.20E-17
RP11-476D10.1	CARTPT	-0.081850576	0.086722544
RP11-476D10.1	IYD	-0.266503078	1.42E-08
RP11-476D10.1	LYVE1	-0.22050495	3.09E-06
RP11-476D10.1	CLCNKB	-0.258972937	3.70E-08
RP11-476D10.1	NCAM1	-0.380913449	1.32E-16
RP11-476D10.1	HBA2	-0.160213327	0.000754253
RP11-476D10.1	GLT8D2	-0.20749	1.17E-05
RP11-476D10.1	OGDHL	-0.394551502	8.37E-18
RP11-476D10.1	LIFR	-0.231463788	9.46E-07
RP11-476D10.1	CSGALNACT1	-0.441883635	2.08E-22
RP11-476D10.1	RAP1GAP	-0.43196349	2.21E-21
RP11-476D10.1	COL9A3	-0.182876514	0.000116533
RP11-476D10.1	FBLN1	-0.299961703	1.41E-10
RP11-476D10.1	EFEMP1	-0.33103529	1.10E-12
RP11-476D10.1	AOX1	-0.32979016	1.35E-12
RP11-476D10.1	GRIN2C	-0.174394627	0.000240914
RP11-476D10.1	C11orf74	-0.298125443	1.84E-10
RP11-476D10.1	PPARGC1A	-0.365321551	2.63E-15
RP11-476D10.1	ANGPTL1	-0.23929307	3.91E-07
RP11-476D10.1	SCARA5	-0.282967282	1.58E-09
RP11-476D10.1	LTF	-0.21197271	7.48E-06
RP11-476D10.1	CA4	-0.053678638	0.261737024
RP11-476D10.1	TG	-0.089825253	0.060042006
RP11-476D10.1	FCGBP	-0.251976398	8.75E-08
RP11-476D10.1	PBX4	-0.237552268	4.77E-07
RP11-476D10.1	CYR61	-0.184268815	0.00010311
RP11-476D10.1	FOS	-0.14701739	0.002012566
RP11-476D10.1	KHDRBS2	-0.164385266	0.00054423
RP11-476D10.1	MUM1L1	-0.361010184	5.84E-15
RP11-476D10.1	RGS16	-0.199840572	2.47E-05
RP11-476D10.1	MT1M	-0.240917279	3.24E-07
RP11-476D10.1	LRP2	-0.231666478	9.25E-07
RP11-476D10.1	MAFB	-0.238192675	4.43E-07

RP11-476D10.1	KCNK2	-0.361635273	5.21E-15
RP11-476D10.1	TBC1D4	-0.158005589	0.000893628
RP11-476D10.1	MIOX	-0.161013736	0.000708902
RP11-476D10.1	TPPP	-0.330747922	1.15E-12
RP11-476D10.1	FMOD	-0.384305835	6.71E-17
RP11-476D10.1	CITED2	-0.400763808	2.29E-18
RP11-476D10.1	RGS8	-0.270060874	8.95E-09
RP11-476D10.1	ABI3BP	-0.338245865	3.27E-13
RP11-476D10.1	ADH1B	-0.234927986	6.42E-07
RP11-476D10.1	OGN	-0.289490216	6.37E-10
RP11-476D10.1	NR4A1	-0.105453179	0.027150071
RP11-476D10.1	FOXJ1	-0.143270298	0.00262261
RP11-476D10.1	ALDH1A1	-0.248101189	1.39E-07
RP11-476D10.1	OCA2	-0.406631803	6.55E-19
RP11-476D10.1	TMEM139	-0.403591388	1.26E-18
RP11-476D10.1	ARHGAP24	-0.134736036	0.004685591
RP11-476D10.1	SLC25A15	-0.338671102	3.05E-13
RP11-476D10.1	DES	-0.230359643	1.07E-06
RP11-476D10.1	GDF10	-0.236455548	5.40E-07
RP11-476D10.1	KIAA1324	-0.143029985	0.002666966
RP11-476D10.1	JUN	-0.159481433	0.000798057
RP11-476D10.1	C7	-0.18035616	0.000145101
RP11-476D10.1	LGI3	-0.096252305	0.043837432
RP11-476D10.1	CDON	-0.192095402	5.10E-05
RP11-476D10.1	BCL2	-0.387135968	3.80E-17
RP11-476D10.1	HLF	-0.06973944	0.144616279
RP11-476D10.1	EGR1	-0.144369663	0.002428139
RP11-476D10.1	IP6K3	-0.35914357	8.23E-15
RP11-476D10.1	SCUBE3	-0.244372358	2.17E-07
RP11-476D10.1	PKNOX2	-0.203784857	1.69E-05
RP11-476D10.1	SMAD9	-0.464732774	6.63E-25
RP11-476D10.1	IQGAP2	-0.288627982	7.19E-10
RP11-476D10.1	GNA14	-0.162332842	0.000639635
RP11-476D10.1	LAYN	-0.273559757	5.65E-09
RP11-476D10.1	AVPR1A	-0.195901818	3.58E-05
RP11-476D10.1	PDLIM3	-0.305259283	6.39E-11
RP11-476D10.1	GPM6A	-0.303814644	7.94E-11
RP11-476D10.1	SDPR	-0.036852572	0.441176933
RP11-476D10.1	CRYAB	-0.523019631	3.42E-32
RP11-476D10.1	FOXA2	-0.118166812	0.013230776
RP11-476D10.1	C8orf88	-0.29976256	1.45E-10
RP11-476D10.1	ISM1	-0.065166378	0.172900338
RP11-476D10.1	BMP2	-0.3250617	2.91E-12
RP11-476D10.1	ID4	-0.400092196	2.64E-18
RP11-476D10.1	NUPR1	-0.402006042	1.76E-18
RP11-476D10.1	SERTM1	-0.405562767	8.24E-19
RP11-476D10.1	IRS1	-0.169976171	0.000347152
RP11-476D10.1	FIBIN	-0.379173357	1.85E-16
RP11-476D10.1	PODN	-0.258831948	3.76E-08
RP11-476D10.1	TDRD9	-0.334831636	5.83E-13
RP11-476D10.1	EPHA3	-0.225021134	1.91E-06

RP11-476D10.1	AIF1L	-0.434943548	1.09E-21
RP11-476D10.1	EBF4	-0.180615727	0.00014188
RP11-476D10.1	ADM2	-0.293889251	3.40E-10
RP11-476D10.1	GSTM3	-0.235710051	5.88E-07
RP11-476D10.1	HSD17B6	-0.095693597	0.045082086
RP11-476D10.1	AGR3	-0.305339089	6.32E-11
RP11-476D10.1	EPHB1	-0.418788545	4.53E-20
RP11-476D10.1	TMOD1	-0.245418712	1.92E-07
RP11-476D10.1	WASF3	-0.225748064	1.77E-06
RP11-476D10.1	SELV	-0.194103217	4.23E-05
RP11-476D10.1	ENPP1	-0.236410315	5.43E-07
RP11-476D10.1	SYNE1	-0.181761091	0.000128454
RP11-476D10.1	PLCH1	-0.259683839	3.38E-08
RP11-476D10.1	CCDC146	-0.24610465	1.77E-07
RP11-476D10.1	SLC16A2	-0.146753425	0.002050865
RP11-476D10.1	IER2	-0.113288559	0.017570813
RP11-476D10.1	KCNAB1	0.04313679	0.367238038
RP11-476D10.1	SYNDIG1	-0.338230121	3.28E-13
RP11-476D10.1	C16orf89	0.020105103	0.674419611
RP11-476D10.1	CTGF	-0.125228504	0.008621851
RP11-476D10.1	NR4A3	-0.156402088	0.001009375
RP11-476D10.1	KIAA1456	-0.278024879	3.11E-09
RP11-476D10.1	AQP4	-0.045605657	0.340429814
RP11-476D10.1	RNF150	-0.286182236	1.01E-09
RP11-476D10.1	C1S	-0.209356756	9.73E-06
RP11-476D10.1	PFKFB2	-0.310926924	2.70E-11
RP11-476D10.1	PROX1	-0.241781793	2.93E-07
RP11-476D10.1	TCF7L1	-0.170845366	0.000323305
RP11-476D10.1	HSPB6	-0.134884968	0.004639624
RP11-476D10.1	FHDC1	-0.260977277	2.87E-08
RP11-476D10.1	PRR15L	-0.227965873	1.39E-06
RP11-476D10.1	SLC1A1	-0.343026865	1.44E-13
RP11-476D10.1	BTBD11	-0.150742674	0.001537435
RP11-476D10.1	TRIM58	-0.266603643	1.40E-08
RP11-476D10.1	LRIG1	-0.411635415	2.21E-19
RP11-476D10.1	ROR2	-0.450583813	2.45E-23
RP11-476D10.1	GPR125	-0.364262858	3.20E-15
RP11-476D10.1	FLRT1	-0.223151116	2.34E-06
RP11-476D10.1	PGF	-0.1773605	0.000187585
RP11-476D10.1	DUSP1	-0.157621202	0.000920199
RP11-476D10.1	PLA2G7	-0.427080083	6.87E-21
RP11-476D10.1	PLSCR4	-0.326553573	2.29E-12
RP11-476D10.1	FAM46B	-0.366042382	2.30E-15
RP11-476D10.1	GLDC	-0.231228334	9.71E-07
RP11-476D10.1	ZBTB16	-0.193734362	4.38E-05
RP11-476D10.1	OMD	-0.271539276	7.38E-09
RP11-476D10.1	HSD11B2	-0.131949165	0.005625009
RP11-476D10.1	FGL2	-0.197493404	3.08E-05
RP11-476D10.1	CLCNKA	-0.206965484	1.23E-05
RP11-476D10.1	GATM	-0.247976795	1.41E-07
RP11-476D10.1	TNS3	-0.485999404	2.11E-27

RP11-476D10.1	TOB1	-0.35317608	2.42E-14
RP11-476D10.1	MARC2	-0.262028311	2.52E-08
RP11-476D10.1	LRRC2	-0.27724022	3.45E-09
RP11-476D10.1	SORD	-0.499753908	4.09E-29
RP11-476D10.1	RIMS4	-0.242428442	2.72E-07
RP11-476D10.1	SLC29A4	-0.231137556	9.81E-07
RP11-476D10.1	SLC39A14	-0.284643982	1.26E-09
RP11-476D10.1	FAXDC2	-0.24310743	2.51E-07
RP11-476D10.1	HSPB8	-0.428962299	4.45E-21
RP11-476D10.1	CCL19	-0.105431265	0.027182175
RP11-476D10.1	KCNIP3	-0.066436839	0.164658519
RP11-476D10.1	CGNL1	-0.067773255	0.156310766
RP11-476D10.1	ATF3	-0.133406003	0.005114675
RP11-476D10.1	SGCD	-0.43750461	5.96E-22
RP11-476D10.1	STARD13	-0.285385379	1.13E-09
RP11-476D10.1	LDHD	-0.14492908	0.002334316
RP11-476D10.1	RCAN1	-0.298190122	1.82E-10
RP11-476D10.1	ID3	-0.392600636	1.25E-17
RP11-476D10.1	SYTL3	-0.211813849	7.60E-06
RP11-476D10.1	MT1E	-0.130924229	0.006011009
RP11-476D10.1	CAMK1D	-0.11813523	0.013255519
RP11-476D10.1	PRKCQ	-0.312527446	2.11E-11
RP11-476D10.1	NUAK2	-0.466331877	4.36E-25
RP11-476D10.1	LIPG	-0.035299708	0.460677176
RP11-476D10.1	SLC25A25	-0.412066183	2.01E-19
RP11-476D10.1	PRKX	-0.519513064	1.03E-31
RP11-476D10.1	SRPX	-0.146590877	0.00207478
RP11-476D10.1	FAM189A1	-0.155453462	0.001084207
RP11-476D10.1	PLEKHH1	-0.195185243	3.83E-05
RP11-476D10.1	WNT11	-0.31130663	2.55E-11
RP11-476D10.1	SNAI1	-0.400514312	2.41E-18
RP11-476D10.1	FDCSP	-0.07637979	0.110019214
RP11-476D10.1	MT1X	-0.197591132	3.05E-05
RP11-476D10.1	ACACB	-0.256129472	5.26E-08
RP11-476D10.1	ARC	-0.004373067	0.927202461
RP11-476D10.1	KLK4	-0.537051224	3.63E-34
RP11-476D10.1	ZFPM2	-0.327978639	1.81E-12
RP11-476D10.1	AKAP12	-0.306248333	5.51E-11
RP11-476D10.1	GJB6	-0.394994099	7.64E-18
RP11-476D10.1	ERO1LB	-0.207984029	1.12E-05
RP11-476D10.1	DNALI1	-0.125779694	0.008331078
RP11-476D10.1	HKDC1	-0.388095657	3.13E-17
RP11-476D10.1	ZFP36L2	-0.381693569	1.13E-16
RP11-476D10.1	CAPSL	-0.06200768	0.194717528
RP11-476D10.1	CYP7B1	-0.294753908	3.00E-10
RP11-476D10.1	CPQ	-0.132932683	0.005275711
RP11-476D10.1	RPS6KA6	-0.307255266	4.73E-11
RP11-476D10.1	TLE1	-0.466624067	4.04E-25
RP11-476D10.1	TP53INP2	-0.169279737	0.000367432
RP11-476D10.1	KATNAL2	-0.236608323	5.31E-07
RP11-476D10.1	SGPP2	-0.435772035	9.00E-22

RP11-476D10.1	CTH	-0.357769567	1.06E-14
RP11-476D10.1	KIF12	-0.385417861	5.37E-17
RP11-476D10.1	TMEM220	-0.196405634	3.42E-05
RP11-476D10.1	CENPJ	-0.237597657	4.75E-07
RP11-476D10.1	FAM155B	0.22571232	1.77E-06
RP11-476D10.1	WFS1	-0.365834019	2.39E-15
RP11-476D10.1	SELENBP1	-0.058148705	0.224020713
RP11-476D10.1	SNTA1	-0.308490114	3.92E-11
RP11-476D10.1	FRAS1	-0.621088054	3.47E-48
RP11-476D10.1	FBLN7	-0.260240419	3.15E-08
RP11-476D10.1	AGPAT9	-0.194095345	4.24E-05
RP11-476D10.1	GPR83	-0.208897478	1.02E-05
RP11-476D10.1	PRTG	-0.286841224	9.24E-10
RP11-476D10.1	EGR3	-0.022423052	0.639402387
RP11-476D10.1	GRAMD2	-0.485991461	2.11E-27
RP11-476D10.1	HYOU1	-0.210155173	8.98E-06
RP11-476D10.1	FBLN5	-0.193222178	4.59E-05
RP11-476D10.1	ITM2A	-0.092731554	0.052187048
RP11-476D10.1	SRF	-0.215632748	5.14E-06
RP11-476D10.1	FGFR2	-0.423087288	1.71E-20
RP11-476D10.1	MT1A	-0.184522219	0.000100829
RP11-476D10.1	MAMDC2	-0.179889507	0.000151064
RP11-476D10.1	FHL2	-0.385274886	5.53E-17
RP11-476D10.1	FTCDNL1	-0.482133557	6.17E-27
RP11-476D10.1	PKIA	-0.200545516	2.31E-05
RP11-476D10.1	DNAJB4	-0.198874926	2.70E-05
RP11-476D10.1	SLC25A33	-0.254152506	6.71E-08
RP11-476D10.1	EYA2	-0.513701881	6.24E-31
RP11-476D10.1	LPAR1	-0.501428187	2.50E-29
RP11-476D10.1	STX11	-0.186890301	8.17E-05
RP11-476D10.1	ARHGEF28	-0.35077629	3.72E-14
RP11-476D10.1	OR2W3	-0.194340586	4.14E-05
RP11-476D10.1	ALDH1B1	-0.413644096	1.42E-19
RP11-476D10.1	CXCL12	-0.143665002	0.002551213
RP11-476D10.1	OLFM2	-0.088805708	0.063019246
RP11-476D10.1	TUB	-0.424703838	1.19E-20
RP11-476D10.1	HTRA3	-0.245930612	1.80E-07
RP11-476D10.1	CKB	-0.194619585	4.04E-05
RP11-476D10.1	RGS2	-0.233686988	7.38E-07
RP11-476D10.1	SHANK2	-0.206385351	1.31E-05
RP11-476D10.1	CNTFR	0.031212777	0.514223997
RP11-476D10.1	CYTH3	-0.286648464	9.50E-10
RP11-476D10.1	PLAC9	-0.073655925	0.123327326
RP11-476D10.1	WWOX	-0.259708803	3.37E-08
RP11-476D10.1	NPR3	-0.180857281	0.000138944
RP11-476D10.1	SDC2	-0.249567956	1.17E-07
RP11-476D10.1	KLF15	-0.151294006	0.001476602
RP11-476D10.1	TMEM164	-0.386516553	4.31E-17
RP11-476D10.1	LONRF3	-0.085701115	0.072841957
RP11-476D10.1	GBP1	-0.099096763	0.037940306
RP11-476D10.1	ARHGAP6	-0.403408556	1.31E-18

RP11-476D10.1	TMEM119	-0.163549687	0.000581354
RP11-476D10.1	SH3RF1	-0.427618224	6.07E-21
RP11-476D10.1	CRELD2	-0.160585515	0.000732841
RP11-476D10.1	PCP4	-0.365202264	2.69E-15
RP11-476D10.1	GCSH	-0.222021928	2.64E-06
RP11-476D10.1	IMPA2	-0.316464356	1.15E-11
RP11-476D10.1	C1R	-0.183165017	0.000113623
RP11-476D10.1	SUCNR1	-0.120650478	0.011407915
RP11-476D10.1	SFRP1	-0.154428669	0.00117077
RP11-476D10.1	UGT8	-0.346786049	7.51E-14
RP11-476D10.1	TLE4	-0.285355025	1.14E-09
RP11-476D10.1	ANTXR1	-0.230511759	1.05E-06
RP11-476D10.1	GPX3	-0.378077501	2.30E-16
RP11-476D10.1	DPY19L2	-0.199729795	2.49E-05
RP11-476D10.1	FAM46C	-0.233034524	7.94E-07
RP11-476D10.1	IL33	-0.150383044	0.001578346
RP11-476D10.1	PEG3	-0.276126209	4.01E-09
RP11-476D10.1	FAHD2A	-0.350089643	4.20E-14
RP11-476D10.1	PTGDS	-0.087561913	0.066814925
RP11-476D10.1	CHCHD10	-0.295237582	2.80E-10
RP11-476D10.1	CD36	-0.061659811	0.197238105
RP11-476D10.1	ANKRD37	-0.168713654	0.000384723
RP11-476D10.1	TSPAN33	-0.223506284	2.25E-06
RP11-476D10.1	PRDM16	-0.290764659	5.32E-10
RP11-476D10.1	UST	0.066698675	0.162997175
RP11-476D10.1	NEXN	-0.109685541	0.021530271
RP11-476D10.1	NUPR1L	-0.14788919	0.001890674
RP11-476D10.1	SLC24A3	-0.301141528	1.18E-10
RP11-476D10.1	MARC1	-0.094649372	0.047488003
RP11-476D10.1	MYH11	-0.100430342	0.035415896
RP11-476D10.1	APOA1	-0.21555751	5.18E-06
RP11-476D10.1	TMEM178B	-0.062888571	0.188440267
RP11-476D10.1	CAPN6	-0.173191805	0.000266339
RP11-476D10.1	PPM1L	-0.123382741	0.009662493
RP11-476D10.1	FZD8	-0.257105614	4.66E-08
RP11-476D10.1	RCAN2	-0.056288758	0.239214981
RP11-476D10.1	COPZ2	-0.31071232	2.79E-11
RP11-476D10.1	GAS1	-0.266748177	1.38E-08
RP11-476D10.1	DACT1	-0.244764971	2.07E-07
RP11-476D10.1	WBSCR17	0.007768858	0.87105859
RP11-476D10.1	NCS1	-0.435507645	9.58E-22
RP11-476D10.1	SPIRE2	-0.385610621	5.17E-17
RP11-476D10.1	C15orf52	-0.304133925	7.57E-11
RP11-476D10.1	SPAG5	-0.311729738	2.39E-11
RP11-476D10.1	ARL4D	-0.213473802	6.42E-06
RP11-476D10.1	FAM189A2	-0.169441718	0.000362619
RP11-476D10.1	MAP1LC3A	-0.163329976	0.000591498
RP11-476D10.1	KLF6	-0.160230348	0.000753261
RP11-476D10.1	ADD3	-0.227315395	1.49E-06
RP11-476D10.1	TSPAN7	-0.078419052	0.100817184
RP11-476D10.1	KLF9	-0.067243766	0.159579048

RP11-476D10.1	KCNQ1	-0.108912513	0.022474156
RP11-476D10.1	MAN1A1	-0.205702675	1.40E-05
RP11-476D10.1	MLF1	-0.348429264	5.63E-14
RP11-476D10.1	RARB	-0.148278205	0.001838496
RP11-476D10.1	CDC42EP2	-0.143779609	0.002530817
RP11-476D10.1	FAM3B	-0.277648152	3.27E-09
RP11-476D10.1	GADD45B	-0.107214689	0.024673838
RP11-476D10.1	TMEM47	-0.041750021	0.382855742
RP11-476D10.1	SDF2L1	-0.043600323	0.362107254
RP11-476D10.1	CCDC85A	-0.359689371	7.45E-15
RP11-476D10.1	CRYBG3	-0.391627472	1.53E-17
RP11-476D10.1	FBLN2	-0.19065601	5.81E-05
RP11-476D10.1	PEBP4	0.049477745	0.300971719
RP11-476D10.1	CDADC1	-0.158344019	0.000870822
RP11-476D10.1	FAM63A	-0.191173442	5.55E-05
RP11-476D10.1	GLUL	-0.245328218	1.94E-07
RP11-476D10.1	FREM2	-0.224888939	1.94E-06
RP11-476D10.1	ACKR3	-0.2489423	1.26E-07
RP11-476D10.1	DENND6A	-0.286658535	9.48E-10
RP11-476D10.1	CLDN8	-0.527075544	9.39E-33
RP11-476D10.1	UTS2R	-0.267831274	1.20E-08
RP11-476D10.1	SCNN1B	-0.362432697	4.49E-15
RP11-476D10.1	TTC30A	-0.342099373	1.69E-13
RP11-476D10.1	CORO2B	-0.040837707	0.393347971
RP11-476D10.1	TC2N	-0.526037417	1.31E-32
RP11-476D10.1	ALDH2	-0.1986972	2.75E-05
RP11-476D10.1	GPR183	-0.058567984	0.220692677
RP11-476D10.1	C4orf47	-0.199858444	2.46E-05
RP11-476D10.1	SLC25A42	-0.047021077	0.325639024
RP11-476D10.1	LGMN	-0.248128564	1.39E-07
RP11-476D10.1	ACSF2	-0.318367706	8.49E-12
RP11-476D10.1	KIAA1467	-0.340150634	2.37E-13
RP11-476D10.1	PRKG1	-0.004518595	0.924786939
RP11-476D10.1	GNAI1	-0.07641996	0.109831771
RP11-476D10.1	ABCC4	-0.323043885	4.03E-12
RP11-476D10.1	PRPS1	-0.302294261	9.95E-11
RP11-476D10.1	TSPAN5	-0.562737511	4.96E-38
RP11-476D10.1	CR2	0.046568473	0.330322655
RP11-476D10.1	CCDC170	-0.341663783	1.83E-13
RP11-476D10.1	RRAD	-0.130720831	0.00609038
RP11-476D10.1	SCGB2A1	-0.176310601	0.000205052
RP11-476D10.1	SESN3	-0.295360415	2.75E-10
RP11-476D10.1	SGK223	-0.378762588	2.01E-16
RP11-476D10.1	NDRG2	-0.160537573	0.000735567
RP11-476D10.1	C3orf52	-0.269131372	1.01E-08
RP11-476D10.1	FLRT3	0.334641145	6.01E-13
RP11-476D10.1	MST1R	0.16794247	0.000409501
RP11-476D10.1	SDC1	0.117836515	0.013491578
RP11-476D10.1	ST8SIA4	0.089642138	0.060568001
RP11-476D10.1	UBTD1	0.384263709	6.77E-17
RP11-476D10.1	EPHA2	0.164077047	0.000557659

RP11-476D10.1	TMEM130	0.436188761	8.15E-22
RP11-476D10.1	SPINK2	0.350574594	3.85E-14
RP11-476D10.1	MMP16	0.173675357	0.00025583
RP11-476D10.1	SIGLEC15	0.336346345	4.52E-13
RP11-476D10.1	RIN1	0.385704519	5.07E-17
RP11-476D10.1	IL1RN	-0.002464753	0.95893097
RP11-476D10.1	FCER1G	0.287110578	8.90E-10
RP11-476D10.1	CD276	0.222038382	2.63E-06
RP11-476D10.1	CTSB	0.261111742	2.83E-08
RP11-476D10.1	FAM171A2	0.489763978	7.29E-28
RP11-476D10.1	ASPHD1	0.300049786	1.39E-10
RP11-476D10.1	C15orf48	0.005307225	0.911709555
RP11-476D10.1	DYSF	0.473454512	6.58E-26
RP11-476D10.1	PDZRN4	0.395250348	7.25E-18
RP11-476D10.1	EFHD2	0.543193385	4.63E-35
RP11-476D10.1	ASF1B	0.237260929	4.93E-07
RP11-476D10.1	AQP1	0.484587671	3.12E-27
RP11-476D10.1	ARRDC2	0.303775212	7.98E-11
RP11-476D10.1	PRSS1	0.355943879	1.47E-14
RP11-476D10.1	MAPK13	0.463486852	9.18E-25
RP11-476D10.1	CST5	0.009141415	0.848532009
RP11-476D10.1	AHR	0.080889195	0.090501253
RP11-476D10.1	BAX	0.256742504	4.88E-08
RP11-476D10.1	C1orf115	0.419564835	3.80E-20
RP11-476D10.1	PLK3	0.314034637	1.67E-11
RP11-476D10.1	JAG2	0.472882897	7.67E-26
RP11-476D10.1	RAD23B	0.289745681	6.14E-10
RP11-476D10.1	CA12	0.464247823	7.53E-25
RP11-476D10.1	ADTRP	0.273539049	5.66E-09
RP11-476D10.1	UCP2	0.285669768	1.09E-09
RP11-476D10.1	IGFBP2	0.166065927	0.000476132
RP11-476D10.1	LOXL2	0.317606735	9.57E-12
RP11-476D10.1	GPX1	0.387372273	3.63E-17
RP11-476D10.1	P3H3	0.399273921	3.13E-18
RP11-476D10.1	C2orf81	0.432915237	1.77E-21
RP11-476D10.1	CDT1	0.212905166	6.80E-06
RP11-476D10.1	SNX25	0.555543814	6.48E-37
RP11-476D10.1	MTHFD1L	0.166918102	0.000444714
RP11-476D10.1	CDC42BPG	0.145568216	0.002231179
RP11-476D10.1	MSN	0.272413974	6.57E-09
RP11-476D10.1	SIGLEC6	0.262791699	2.28E-08
RP11-476D10.1	F2R	0.224572353	2.01E-06
RP11-476D10.1	TMEM184A	0.200847068	2.24E-05
RP11-476D10.1	CKS2	0.183075232	0.000114521
RP11-476D10.1	TAX1BP3	0.205133755	1.48E-05
RP11-476D10.1	PMEPA1	0.262371564	2.41E-08
RP11-476D10.1	CXCL16	0.190084111	6.12E-05
RP11-476D10.1	FAXC	0.204297892	1.60E-05
RP11-476D10.1	VTCN1	-0.010415688	0.827727851
RP11-476D10.1	SH2D4A	0.345998411	8.62E-14
RP11-476D10.1	RNF24	0.271519248	7.39E-09

RP11-476D10.1	LY6G6C	0.03763469	0.431536664
RP11-476D10.1	NID1	0.238510397	4.28E-07
RP11-476D10.1	STAC	0.056445775	0.237904958
RP11-476D10.1	RAB34	0.377198094	2.72E-16
RP11-476D10.1	HES4	0.256177272	5.23E-08
RP11-476D10.1	EPHA10	0.207111855	1.22E-05
RP11-476D10.1	ENTPD2	0.350061275	4.22E-14
RP11-476D10.1	DDB2	0.225863096	1.75E-06
RP11-476D10.1	NKAIN4	0.360141414	6.86E-15
RP11-476D10.1	TRIM29	0.025647783	0.592002253
RP11-476D10.1	ADCY8	0.237176966	4.98E-07
RP11-476D10.1	SFTA2	0.132611841	0.005387451
RP11-476D10.1	NRIP1	0.2038406	1.68E-05
RP11-476D10.1	VWA1	0.500018156	3.79E-29
RP11-476D10.1	APLNR	0.299621855	1.48E-10
RP11-476D10.1	REN	0.528955015	5.13E-33
RP11-476D10.1	EDIL3	0.410824232	2.64E-19
RP11-476D10.1	AGRN	0.240461689	3.42E-07
RP11-476D10.1	TREM1	0.433584012	1.51E-21
RP11-476D10.1	SRL	0.44806814	4.58E-23
RP11-476D10.1	RASGRF1	0.38797949	3.21E-17
RP11-476D10.1	RMI2	0.218726419	3.73E-06
RP11-476D10.1	SAMD1	0.305074324	6.57E-11
RP11-476D10.1	MGAT4B	0.15236972	0.001364228
RP11-476D10.1	NXN	0.127882613	0.007300373
RP11-476D10.1	SH3BGRL3	0.279279879	2.62E-09
RP11-476D10.1	CA11	0.531152592	2.52E-33
RP11-476D10.1	PLD3	0.671706193	6.56E-59
RP11-476D10.1	LURAP1L	0.113175513	0.017684642
RP11-476D10.1	CARNS1	0.350938839	3.61E-14
RP11-476D10.1	PDLIM7	0.422247738	2.08E-20
RP11-476D10.1	BCL2L1	0.159246688	0.000812597
RP11-476D10.1	GGT6	0.287507447	8.42E-10
RP11-476D10.1	DPYSL3	0.307032567	4.89E-11
RP11-476D10.1	FYN	0.327771836	1.87E-12
RP11-476D10.1	TK1	0.217088026	4.42E-06
RP11-476D10.1	AK1	0.609860713	4.56E-46
RP11-476D10.1	HIGD1B	0.598948824	4.36E-44
RP11-476D10.1	TMEM59L	0.081066778	0.089793491
RP11-476D10.1	MEGF9	0.210240277	8.90E-06
RP11-476D10.1	ZFP36L1	0.156760943	0.00098233
RP11-476D10.1	ADRA1B	0.450109784	2.76E-23
RP11-476D10.1	EPHA4	0.143978185	0.002495828
RP11-476D10.1	TCERG1L	0.32864018	1.63E-12
RP11-476D10.1	NGFR	0.234075771	7.07E-07
RP11-476D10.1	EBI3	0.152543048	0.001346874
RP11-476D10.1	S100A10	0.054225838	0.256898397
RP11-476D10.1	S100B	0.165155031	0.000511989
RP11-476D10.1	CD44	0.637661059	1.78E-51
RP11-476D10.1	BHLHE41	0.12648322	0.007972658
RP11-476D10.1	FBXO2	0.40895393	3.96E-19

RP11-476D10.1	SLC30A2	-0.105629911	0.026892341
RP11-476D10.1	FRMD5	0.105155173	0.027589467
RP11-476D10.1	SAMD11	0.10314218	0.03072063
RP11-476D10.1	SIPAIL2	0.343725001	1.28E-13
RP11-476D10.1	S100A16	0.108324587	0.023215832
RP11-476D10.1	PPL	-0.046046921	0.335773379
RP11-476D10.1	ARHGDIB	0.486887464	1.64E-27
RP11-476D10.1	CDC42EP3	0.108359196	0.023171593
RP11-476D10.1	RUNX2	0.399323424	3.10E-18
RP11-476D10.1	LAMC2	0.021211171	0.657616626
RP11-476D10.1	BRINP1	0.277481915	3.34E-09
RP11-476D10.1	GPRC5B	0.234265127	6.92E-07
RP11-476D10.1	AQP5	0.380995575	1.29E-16
RP11-476D10.1	PLAG1	0.465237866	5.81E-25
RP11-476D10.1	PTPRU	-0.02003163	0.675541657
RP11-476D10.1	ANGPTL4	0.166141812	0.000473253
RP11-476D10.1	PALM3	0.127689711	0.007389927
RP11-476D10.1	ACP5	0.234396897	6.82E-07
RP11-476D10.1	DLG4	0.633602167	1.19E-50
RP11-476D10.1	ETNK2	0.415063403	1.04E-19
RP11-476D10.1	CD109	0.25367791	7.11E-08
RP11-476D10.1	SNX22	0.401696973	1.88E-18
RP11-476D10.1	TMEM98	0.110639698	0.020412804
RP11-476D10.1	CTHRC1	0.041333154	0.387628627
RP11-476D10.1	S100A2	0.023731809	0.61997288
RP11-476D10.1	C11orf80	0.205209781	1.47E-05
RP11-476D10.1	SREBF1	0.382330998	9.94E-17
RP11-476D10.1	PRSS22	0.114758163	0.016148264
RP11-476D10.1	CMTM3	0.256189895	5.22E-08
RP11-476D10.1	RDH5	0.356901648	1.24E-14
RP11-476D10.1	MYH10	0.347880486	6.20E-14
RP11-476D10.1	EVPL	0.222900485	2.40E-06
RP11-476D10.1	SCD	0.187060083	8.05E-05
RP11-476D10.1	CD151	0.357337381	1.14E-14
RP11-476D10.1	S100A4	0.245482681	1.90E-07
RP11-476D10.1	BNIP1	0.360297155	6.66E-15
RP11-476D10.1	MAP3K6	0.354530368	1.90E-14
RP11-476D10.1	MANEAL	0.370109217	1.07E-15
RP11-476D10.1	CD207	0.228523325	1.31E-06
RP11-476D10.1	CD1A	0.244426761	2.15E-07
RP11-476D10.1	C3	0.128452526	0.007041433
RP11-476D10.1	NT5E	0.157089444	0.000958162
RP11-476D10.1	CACNG4	0.043452841	0.363734844
RP11-476D10.1	FHOD1	0.363706136	3.55E-15
RP11-476D10.1	LEMD1	0.216169329	4.87E-06
RP11-476D10.1	ATP11A	0.566793424	1.13E-38
RP11-476D10.1	PPAP2C	0.267158379	1.31E-08
RP11-476D10.1	DRAM1	0.158802445	0.000840787
RP11-476D10.1	CDA	0.46494681	6.27E-25
RP11-476D10.1	CCND2	0.548686279	7.09E-36
RP11-476D10.1	LCN6	0.310131213	3.05E-11

RP11-476D10.1	CDH4	0.20553346	1.42E-05
RP11-476D10.1	MMP11	0.236285637	5.51E-07
RP11-476D10.1	B3GAT1	0.170775865	0.000325154
RP11-476D10.1	SPP1	0.176283226	0.000205527
RP11-476D10.1	HLA-DQB1	0.12239823	0.010261991
RP11-476D10.1	SDC3	0.347998497	6.07E-14
RP11-476D10.1	CX3CL1	0.274345834	5.09E-09
RP11-476D10.1	SDK1	0.27229029	6.68E-09
RP11-476D10.1	DOCK9	0.255558708	5.64E-08
RP11-476D10.1	CSF2	0.333247141	7.59E-13
RP11-476D10.1	GRHL3	0.259435903	3.49E-08
RP11-476D10.1	TMEM92	0.204037846	1.65E-05
RP11-476D10.1	BASP1	0.140238291	0.003234718
RP11-476D10.1	HRH1	0.13697654	0.004035683
RP11-476D10.1	ESM1	0.308178633	4.11E-11
RP11-476D10.1	B4GALNT3	0.024986809	0.601586322
RP11-476D10.1	LMO3	0.553854075	1.17E-36
RP11-476D10.1	C9orf16	0.21024978	8.90E-06
RP11-476D10.1	SEMA3F	0.466158691	4.57E-25
RP11-476D10.1	PLA2G12B	0.688868242	4.79E-63
RP11-476D10.1	KLK6	0.147932726	0.001884768
RP11-476D10.1	ST3GAL5	0.634110947	9.37E-51
RP11-476D10.1	FAM132B	0.400913733	2.22E-18
RP11-476D10.1	CDKN1A	0.119553913	0.012183389
RP11-476D10.1	E2F1	0.215387649	5.27E-06
RP11-476D10.1	B3GNT8	0.463510822	9.12E-25
RP11-476D10.1	MTMR11	0.328928399	1.55E-12
RP11-476D10.1	MYO1G	0.17695186	0.000194211
RP11-476D10.1	TMSB10	0.250325665	1.07E-07
RP11-476D10.1	UNC5CL	0.210461405	8.71E-06
RP11-476D10.1	ABR	0.324107685	3.40E-12
RP11-476D10.1	PLP2	0.340524808	2.22E-13
RP11-476D10.1	SRCIN1	0.377950129	2.35E-16
RP11-476D10.1	PDE9A	0.205196165	1.47E-05
RP11-476D10.1	TREM2	0.293275794	3.71E-10
RP11-476D10.1	KDEL3	0.418837622	4.48E-20
RP11-476D10.1	PC	0.233456214	7.57E-07
RP11-476D10.1	C2CD4A	0.024422711	0.609820425
RP11-476D10.1	PELI1	0.219836175	3.32E-06
RP11-476D10.1	SSX1	0.267525035	1.25E-08
RP11-476D10.1	MROH6	0.330956285	1.11E-12
RP11-476D10.1	ESPN	0.427596948	6.10E-21
RP11-476D10.1	BMP1	0.532495816	1.62E-33
RP11-476D10.1	TM4SF4	0.285103462	1.18E-09
RP11-476D10.1	CORO2A	0.351604635	3.21E-14
RP11-476D10.1	CD164L2	0.362883619	4.13E-15
RP11-476D10.1	CTSS	0.235707072	5.88E-07
RP11-476D10.1	CLU	0.195348643	3.77E-05
RP11-476D10.1	TMSB4X	0.322879493	4.14E-12
RP11-476D10.1	WNT10A	0.089784406	0.060159009
RP11-476D10.1	NAPSA	0.36374344	3.52E-15

RP11-476D10.1	PLEKHA4	0.267665882	1.22E-08
RP11-476D10.1	SFTPA1	0.551479359	2.69E-36
RP11-476D10.1	C1orf116	0.2445637	2.12E-07
RP11-476D10.1	TM4SF1	0.07453902	0.118882054
RP11-476D10.1	SEL1L3	0.059474341	0.213619529
RP11-476D10.1	VASN	0.242067317	2.84E-07
RP11-476D10.1	NPTXR	0.196397265	3.42E-05
RP11-476D10.1	PDE4C	0.230761822	1.02E-06
RP11-476D10.1	CDC42EP1	0.211551729	7.80E-06
RP11-476D10.1	ENDOD1	0.217616947	4.19E-06
RP11-476D10.1	RYR1	0.452306743	1.59E-23
RP11-476D10.1	IL1RAP	0.29307509	3.82E-10
RP11-476D10.1	SLC35F2	0.188542459	7.04E-05
RP11-476D10.1	ISYNA1	0.537142351	3.52E-34
RP11-476D10.1	HLA-G	0.021707611	0.65012996
RP11-476D10.1	CDKN2B	0.135564239	0.00443509
RP11-476D10.1	ALDH1A3	0.129532496	0.006573192
RP11-476D10.1	CLIP3	0.363060764	4.00E-15
RP11-476D10.1	ULBP2	0.359397889	7.86E-15
RP11-476D10.1	ETHE1	0.134901847	0.00463444
RP11-476D10.1	XPR1	0.318632379	8.14E-12
RP11-476D10.1	SPTBN2	0.114747383	0.01615832
RP11-476D10.1	IVL	0.31297893	1.97E-11
RP11-476D10.1	MARCO	0.14045403	0.003187214
RP11-476D10.1	PLXND1	0.46648932	4.19E-25
RP11-476D10.1	EMILIN2	0.458897904	3.00E-24
RP11-476D10.1	PLAUR	0.193745851	4.38E-05
RP11-476D10.1	CDC42EP5	0.204458597	1.58E-05
RP11-476D10.1	TRPC5	0.569729939	3.84E-39
RP11-476D10.1	TMEM100	0.339874755	2.48E-13
RP11-476D10.1	QSOX1	0.229074069	1.23E-06
RP11-476D10.1	ARHGAP23	0.306259964	5.50E-11
RP11-476D10.1	MDF1	0.308953789	3.66E-11
RP11-476D10.1	FSTL3	0.03936172	0.410685944
RP11-476D10.1	INF2	0.341833991	1.77E-13
RP11-476D10.1	TGFBR1	0.256865621	4.80E-08
RP11-476D10.1	TGFBI	0.256664492	4.92E-08
RP11-476D10.1	ERBB3	0.048674364	0.308898178
RP11-476D10.1	CCL18	0.152155542	0.001385955
RP11-476D10.1	CCL17	0.157063068	0.000960082
RP11-476D10.1	C16orf45	0.37650861	3.12E-16
RP11-476D10.1	PRDM1	0.480498284	9.69E-27
RP11-476D10.1	TRIM47	0.19985121	2.46E-05
RP11-476D10.1	CNFN	0.206424215	1.30E-05
RP11-476D10.1	ARMCX3	0.35498766	1.75E-14
RP11-476D10.1	RAMP1	0.311183087	2.60E-11
RP11-476D10.1	GABRD	0.486589459	1.78E-27
RP11-476D10.1	COL13A1	0.671538254	7.18E-59
RP11-476D10.1	S100A5	0.303977192	7.75E-11
RP11-476D10.1	MISP	-0.025260276	0.597612606
RP11-476D10.1	HES6	0.470799977	1.34E-25

RP11-476D10.1	PSD3	0.412312984	1.90E-19
RP11-476D10.1	DOK7	0.1069642	0.025013615
RP11-476D10.1	ZMAT3	0.218417917	3.85E-06
RP11-476D10.1	MFAP2	0.28436867	1.30E-09
RP11-476D10.1	TMEM79	0.335702817	5.03E-13
RP11-476D10.1	SLC1A5	0.245868202	1.82E-07
RP11-476D10.1	BBC3	0.258735781	3.81E-08
RP11-476D10.1	HLA-DQB2	0.160254886	0.000751833
RP11-476D10.1	C1QL1	0.267232845	1.29E-08
RP11-476D10.1	TMEM215	0.549365833	5.60E-36
RP11-476D10.1	PNP	0.183678761	0.000108611
RP11-476D10.1	ARNTL	0.190132479	6.10E-05
RP11-476D10.1	CLDN2	0.441666777	2.19E-22
RP11-476D10.1	MVP	0.297933392	1.89E-10
RP11-476D10.1	LGALS1	0.268920173	1.04E-08
RP11-476D10.1	BIRC7	0.344691884	1.08E-13
RP11-476D10.1	COL8A1	0.333817764	6.90E-13
RP11-476D10.1	PERP	0.037909988	0.428172559
RP11-476D10.1	GJA4	0.436141386	8.24E-22
RP11-476D10.1	IGFL2	0.26954455	9.58E-09
RP11-476D10.1	DAPK2	0.228112678	1.37E-06
RP11-476D10.1	MAMLD1	0.288605146	7.22E-10
RP11-476D10.1	ETV5	0.669154918	2.56E-58
RP11-476D10.1	RUNX1	0.096287623	0.043759734
RP11-476D10.1	LONRF2	0.385286375	5.52E-17
RP11-476D10.1	SPOCK1	0.426329466	8.17E-21
RP11-476D10.1	XKRX	0.443873649	1.28E-22
RP11-476D10.1	TGFB1	0.497487022	7.93E-29
RP11-476D10.1	ERP27	0.148775212	0.001773752
RP11-476D10.1	TNFRSF10C	0.331224079	1.06E-12
RP11-476D10.1	PALM	0.134772063	0.004674434
RP11-476D10.1	TSC22D1	0.468546708	2.43E-25
RP11-476D10.1	TGM2	0.103758049	0.029731872
RP11-476D10.1	UBE2QL1	0.555331338	6.98E-37
RP11-476D10.1	ECE1	0.391720093	1.50E-17
RP11-476D10.1	COL8A2	0.190463817	5.92E-05
RP11-476D10.1	HIST3H2A	0.127466029	0.007495
RP11-476D10.1	TNFRSF21	0.126189612	0.008120533
RP11-476D10.1	SOX4	0.077058665	0.106885101
RP11-476D10.1	ELF3	0.002997362	0.950066882
RP11-476D10.1	TPD52L1	0.252026467	8.69E-08
RP11-476D10.1	INHBB	0.301815126	1.07E-10
RP11-476D10.1	HPN	0.387039233	3.88E-17
RP11-476D10.1	MMP7	0.042266544	0.376991891
RP11-476D10.1	RAB27A	0.41252773	1.82E-19
RP11-476D10.1	IGF2BP2	0.391101245	1.70E-17
RP11-476D10.1	ITGB4	0.229528808	1.17E-06
RP11-476D10.1	PPP1R1B	0.392434115	1.30E-17
RP11-476D10.1	NPDC1	0.531322799	2.38E-33
RP11-476D10.1	CCL13	0.218557423	3.80E-06
RP11-476D10.1	SPINT1	0.193465859	4.49E-05

RP11-476D10.1	HEY2	0.644063431	8.40E-53
RP11-476D10.1	CST2	-0.010862374	0.82046276
RP11-476D10.1	ADM	0.478410967	1.72E-26
RP11-476D10.1	VSTM2L	0.146098834	0.002148734
RP11-476D10.1	FAM84A	0.297686449	1.96E-10
RP11-476D10.1	P4HA2	0.474629514	4.79E-26
RP11-476D10.1	LPL	0.48172832	6.91E-27
RP11-476D10.1	TMEM173	0.514034354	5.63E-31
RP11-476D10.1	DHRS3	0.370617855	9.67E-16
RP11-476D10.1	SCN1B	0.404459874	1.04E-18
RP11-476D10.1	GLT1D1	0.619571218	6.78E-48
RP11-476D10.1	PHYHIP	0.44678463	6.28E-23
RP11-476D10.1	BHLHE40	0.231854841	9.06E-07
RP11-476D10.1	BID	0.303158634	8.75E-11
RP11-476D10.1	POSTN	0.070732178	0.138971464
RP11-476D10.1	ITGA3	0.146760659	0.002049807
RP11-476D10.1	RSP04	0.163283737	0.000593654
RP11-476D10.1	ADAMTS9	0.71312828	2.07E-69
RP11-476D10.1	ABTB2	0.139242858	0.00346234
RP11-476D10.1	KCNQ3	0.145910187	0.002177721
RP11-476D10.1	ANXA1	0.295887918	2.55E-10
RP11-476D10.1	S100A11	0.290733596	5.34E-10
RP11-476D10.1	CEACAM6	0.10781584	0.02387462
RP11-476D10.1	IER5L	0.253377209	7.38E-08
RP11-476D10.1	KRT80	0.015817849	0.741024834
RP11-476D10.1	CDH6	0.198233667	2.87E-05
RP11-476D10.1	UNC5B	0.260493178	3.05E-08
RP11-476D10.1	PLEKHN1	0.283274233	1.52E-09
RP11-476D10.1	SYTL1	0.428017787	5.53E-21
RP11-476D10.1	TMEM163	0.190954016	5.66E-05
RP11-476D10.1	C4orf48	0.442787155	1.67E-22
RP11-476D10.1	B3GNT7	0.561669173	7.29E-38
RP11-476D10.1	BAIAP3	0.338664435	3.05E-13
RP11-476D10.1	PHLDA2	0.352513404	2.73E-14
RP11-476D10.1	GAP43	0.204920682	1.51E-05
RP11-476D10.1	S100A1	0.246816261	1.62E-07
RP11-476D10.1	PTPRE	0.244135911	2.23E-07
RP11-476D10.1	CCND1	0.357076253	1.20E-14
RP11-476D10.1	ST6GALNAC5	0.000951747	0.984135543
RP11-476D10.1	KRT17	0.252407733	8.30E-08
RP11-476D10.1	HPCAL4	0.56766191	8.23E-39
RP11-476D10.1	GABBR2	0.49107458	5.02E-28
RP11-476D10.1	DIRAS3	0.500778985	3.03E-29
RP11-476D10.1	SERINC2	0.317025758	1.05E-11
RP11-476D10.1	PTCHD4	0.322217809	4.60E-12
RP11-476D10.1	EPS8	0.446340671	7.01E-23
RP11-476D10.1	LY6E	0.238623585	4.22E-07
RP11-476D10.1	UPP1	0.193131542	4.63E-05
RP11-476D10.1	AHNAK2	0.111071601	0.019923783
RP11-476D10.1	PLXNC1	0.418431534	4.91E-20
RP11-476D10.1	TNC	0.083125301	0.081909125

RP11-476D10.1	DUSP4	0.507233554	4.45E-30
RP11-476D10.1	NRCAM	0.327209157	2.05E-12
RP11-476D10.1	NRP2	0.518281751	1.51E-31
RP11-476D10.1	CTSC	0.372610422	6.61E-16
RP11-476D10.1	AMIG02	0.487796942	1.27E-27
RP11-476D10.1	NAB2	0.393888826	9.60E-18
RP11-476D10.1	TBC1D2	0.100046098	0.03612817
RP11-476D10.1	PHLDA3	0.250088792	1.10E-07
RP11-476D10.1	PTP4A3	0.403278063	1.34E-18
RP11-476D10.1	CRABP2	0.456005645	6.27E-24
RP11-476D10.1	GOS2	0.411282375	2.39E-19
RP11-476D10.1	S100A6	0.172682903	0.000277833
RP11-476D10.1	FOXQ1	0.158866983	0.000836636
RP11-476D10.1	LRG1	0.333843012	6.87E-13
RP11-476D10.1	LAMP5	0.197977646	2.94E-05
RP11-476D10.1	ALDH3B1	0.15839267	0.000867588
RP11-476D10.1	CDH2	0.450384812	2.58E-23
RP11-476D10.1	SCG5	0.554459874	9.49E-37
RP11-476D10.1	ZCCHC16	0.615245396	4.50E-47
RP11-476D10.1	GRB7	0.166978242	0.000442571
RP11-476D10.1	TIAM1	0.332357806	8.80E-13
RP11-476D10.1	FXYD5	0.548477916	7.61E-36
RP11-476D10.1	CLDN9	0.181015432	0.000137052
RP11-476D10.1	FAM43A	0.261277694	2.77E-08
RP11-476D10.1	CHST2	0.358557771	9.16E-15
RP11-476D10.1	HMGA2	0.553880883	1.16E-36
RP11-476D10.1	GALNT7	0.468957193	2.18E-25
RP11-476D10.1	CBLN1	0.228027857	1.38E-06
RP11-476D10.1	STRA6	0.286038836	1.03E-09
RP11-476D10.1	MUC21	0.304845507	6.80E-11
RP11-476D10.1	PRR36	0.403471958	1.29E-18
RP11-476D10.1	NFE2L3	0.214354628	5.87E-06
RP11-476D10.1	NR1D1	0.219542424	3.42E-06
RP11-476D10.1	MUC1	0.012180647	0.799113395
RP11-476D10.1	NAT8L	0.602833679	8.77E-45
RP11-476D10.1	APOC1	0.456637826	5.34E-24
RP11-476D10.1	EVA1A	0.09819764	0.039727058
RP11-476D10.1	ENTPD1	0.504640294	9.66E-30
RP11-476D10.1	COL1A1	0.18645386	8.49E-05
RP11-476D10.1	FNDC4	0.351707753	3.15E-14
RP11-476D10.1	FRMD3	0.662838643	7.03E-57
RP11-476D10.1	SHROOM4	0.415302403	9.85E-20
RP11-476D10.1	NELL2	0.435053757	1.07E-21
RP11-476D10.1	EPHB3	0.265793027	1.56E-08
RP11-476D10.1	TMC6	0.347151003	7.05E-14
RP11-476D10.1	NOD1	0.359034779	8.40E-15
RP11-476D10.1	GGCT	0.298771808	1.67E-10
RP11-476D10.1	ICAM1	0.291096139	5.07E-10
RP11-476D10.1	PRSS23	0.429268673	4.14E-21
RP11-476D10.1	CFI	0.359076622	8.33E-15
RP11-476D10.1	CD55	0.095291765	0.045995509

RP11-476D10.1	RASD2	0.26263879	2.33E-08
RP11-476D10.1	KLK11	0.260867598	2.91E-08
RP11-476D10.1	ICAM5	0.385279708	5.52E-17
RP11-476D10.1	ADORA1	0.38713767	3.80E-17
RP11-476D10.1	ITGA2	0.134250234	0.0048384
RP11-476D10.1	ABCC3	0.38455519	6.38E-17
RP11-476D10.1	MFGE8	0.302411988	9.78E-11
RP11-476D10.1	STK32A	0.498515787	5.88E-29
RP11-476D10.1	CYSLTR2	0.415049928	1.04E-19
RP11-476D10.1	LAD1	0.225712746	1.77E-06
RP11-476D10.1	MGAT3	0.000944796	0.98425139
RP11-476D10.1	IGFBP6	0.448471816	4.14E-23
RP11-476D10.1	CYP2S1	0.07075005	0.138871415
RP11-476D10.1	KCNJ2	0.557729143	2.99E-37
RP11-476D10.1	FAM20A	0.437065048	6.62E-22
RP11-476D10.1	TGFA	0.577302346	2.24E-40
RP11-476D10.1	MXRA8	0.23153868	9.38E-07
RP11-476D10.1	C8orf4	0.31673527	1.10E-11
RP11-476D10.1	CLDN10	0.261726283	2.61E-08
RP11-476D10.1	PDE5A	0.322627443	4.31E-12
RP11-476D10.1	APOE	0.483933931	3.75E-27
RP11-476D10.1	SPOCK2	0.034849933	0.46641368
RP11-476D10.1	TENM1	0.773604437	1.28E-88
RP11-476D10.1	SLIT1	0.765586792	9.62E-86
RP11-476D10.1	CXCL14	0.211812573	7.60E-06
RP11-476D10.1	ECM1	0.744809651	8.52E-79
RP11-476D10.1	DUSP5	0.144645542	0.002381448
RP11-476D10.1	SEZ6L2	0.367301211	1.81E-15
RP11-476D10.1	THRSP	0.526940796	9.80E-33
RP11-476D10.1	C19orf33	0.070658421	0.13938495
RP11-476D10.1	MPZL2	0.433569686	1.51E-21
RP11-476D10.1	CTSH	0.34680236	7.49E-14
RP11-476D10.1	CYP1B1	0.272066183	6.88E-09
RP11-476D10.1	ALOX5	0.09257553	0.052585818
RP11-476D10.1	SYTL5	0.333748771	6.98E-13
RP11-476D10.1	TNFRSF12A	0.255432754	5.73E-08
RP11-476D10.1	DUSP6	0.359287254	8.02E-15
RP11-476D10.1	ALOX15B	0.211615983	7.75E-06
RP11-476D10.1	SDC4	0.364723838	2.94E-15
RP11-476D10.1	MDK	0.368591246	1.42E-15
RP11-476D10.1	KRT19	0.048584721	0.30979108
RP11-476D10.1	MET	0.250105671	1.10E-07
RP11-476D10.1	TESC	0.634088395	9.47E-51
RP11-476D10.1	CXCL17	0.108064669	0.023550414
RP11-476D10.1	NPC2	0.539866529	1.42E-34
RP11-476D10.1	COMP	0.219721568	3.36E-06
RP11-476D10.1	TUSC3	0.422446456	1.98E-20
RP11-476D10.1	TMPRSS4	0.157266177	0.000945387
RP11-476D10.1	LGALS3	0.232023772	8.89E-07
RP11-476D10.1	CRLF1	0.056567757	0.236890725
RP11-476D10.1	CTXN1	0.209122153	9.96E-06

RP11-476D10.1	PCSK1N	0.377861054	2.39E-16
RP11-476D10.1	NMU	0.154874635	0.001132346
RP11-476D10.1	GALE	0.471068764	1.25E-25
RP11-476D10.1	PCSK2	0.495803665	1.29E-28
RP11-476D10.1	GJB3	0.337469575	3.74E-13
RP11-476D10.1	SLPI	0.083658336	0.079961475
RP11-476D10.1	AGR2	0.382203626	1.02E-16
RP11-476D10.1	MRC2	0.295141273	2.84E-10
RP11-476D10.1	GOLT1A	0.547073133	1.23E-35
RP11-476D10.1	SLC27A6	0.117257245	0.013959917
RP11-476D10.1	KCNN4	0.197942186	2.95E-05
RP11-476D10.1	ETV4	0.347381363	6.77E-14
RP11-476D10.1	SYT12	0.274323565	5.10E-09
RP11-476D10.1	PVRL4	0.188259482	7.22E-05
RP11-476D10.1	PLCD3	0.165648209	0.000492275
RP11-476D10.1	PLAU	0.338266574	3.26E-13
RP11-476D10.1	LRRK2	0.900910471	1.63E-160
RP11-476D10.1	SFN	0.142713966	0.002726336
RP11-476D10.1	LPAR5	0.366559388	2.08E-15
RP11-476D10.1	NGEF	0.161875124	0.000662926
RP11-476D10.1	DTX4	0.191371309	5.45E-05
RP11-476D10.1	CST6	0.257650847	4.36E-08
RP11-476D10.1	QPCT	0.505078154	8.48E-30
RP11-476D10.1	TIMP1	0.411502652	2.27E-19
RP11-476D10.1	CAMK2N1	0.374691356	4.43E-16
RP11-476D10.1	KLHDC8A	0.614711498	5.68E-47
RP11-476D10.1	PDLIM4	0.177357096	0.00018764
RP11-476D10.1	SCEL	0.311434853	2.50E-11
RP11-476D10.1	LCN2	0.064471504	0.17753626
RP11-476D10.1	PROS1	0.16054424	0.000735187
RP11-476D10.1	GABRB2	0.306290744	5.47E-11
RP11-476D10.1	TMPRSS6	0.126667754	0.007880953
RP11-476D10.1	KLK7	0.109473282	0.021785955
RP11-476D10.1	PDZK1IP1	0.370214462	1.04E-15
RP11-476D10.1	CDH3	0.388732944	2.75E-17
RP11-476D10.1	LRP4	0.670064537	1.58E-58
RP11-476D10.1	IGSF1	0.441198122	2.45E-22
RP11-476D10.1	B3GNT3	0.037956796	0.427602098
RP11-476D10.1	CLDN1	0.250764659	1.01E-07
RP11-476D10.1	GDF15	0.110921818	0.020092207
RP11-476D10.1	ARHGAP36	0.456895933	5.00E-24
RP11-476D10.1	LAMB3	0.243636634	2.36E-07
RP11-476D10.1	KLK10	0.199448384	2.56E-05
RP11-476D10.1	DPP4	0.309460157	3.38E-11
RP11-476D10.1	METTL7B	0.47439179	5.11E-26
RP11-476D10.1	LIPH	0.377485036	2.58E-16
RP11-476D10.1	CLDN16	0.272428867	6.56E-09
RP11-476D10.1	CHI3L1	0.30504468	6.60E-11
RP11-476D10.1	SLC22A31	0.524239924	2.32E-32
RP11-476D10.1	TACSTD2	0.144970781	0.002327456
RP11-476D10.1	SFTPB	0.150574168	0.001556481

RP11-476D10.1	RXRG	0.633280758	1.38E-50
RP11-476D10.1	DCSTAMP	0.150893566	0.001520561
RP11-476D10.1	CITED1	0.517383337	2.00E-31
RP11-476D10.1	SERPINA1	0.258372528	3.98E-08
RP11-476D10.1	PRR15	0.587163627	4.94E-42
RP11-476D10.1	SLC34A2	0.0823127	0.084951894
RP11-476D10.1	FN1	0.107556949	0.024216025
RP11-476D10.1	ZCCHC12	0.64039545	4.87E-52
AC079630.4	TFF3	-0.315063245	1.84E-11
AC079630.4	CCL21	-0.291316125	4.91E-10
AC079630.4	TPO	-0.23718927	5.38E-07
AC079630.4	MT1G	-0.266353254	1.65E-08
AC079630.4	DI01	-0.305720575	7.49E-11
AC079630.4	DPT	-0.312694038	2.06E-11
AC079630.4	CDH16	-0.410176956	0
AC079630.4	CRABP1	-0.28560884	1.10E-09
AC079630.4	SLC26A7	-0.215005092	5.78E-06
AC079630.4	MT1H	-0.294181315	3.26E-10
AC079630.4	SLC26A4	-0.116531118	0.014607726
AC079630.4	SLC5A8	-0.3930086	1.15E-17
AC079630.4	PKHD1L1	-0.395691483	6.61E-18
AC079630.4	TFCP2L1	-0.384677902	0
AC079630.4	WSCD2	-0.257644747	4.36E-08
AC079630.4	IPCEF1	-0.330177552	1.69E-12
AC079630.4	SLC5A5	-0.302729951	9.33E-11
AC079630.4	MT1F	-0.303474584	1.04E-10
AC079630.4	FOSB	-0.110502614	0.020611709
AC079630.4	SEMA3D	-0.334739968	5.92E-13
AC079630.4	BMP8A	-0.184448126	0.000104214
AC079630.4	MATN2	-0.350963783	4.83E-14
AC079630.4	PLA2R1	-0.422056099	0
AC079630.4	COL23A1	-0.246810508	1.78E-07
AC079630.4	HGD	-0.230760219	1.10E-06
AC079630.4	TCEAL2	-0.246925964	1.76E-07
AC079630.4	CHRD1	-0.266150082	1.49E-08
AC079630.4	TNFRSF11B	-0.357436663	1.45E-14
AC079630.4	FAM167A	-0.157882882	0.000913909
AC079630.4	KIT	-0.37627391	2.17E-16
AC079630.4	SLC4A4	-0.321160682	7.15E-12
AC079630.4	SMOC2	-0.258574622	4.35E-08
AC079630.4	FHL1	-0.217659999	4.40E-06
AC079630.4	OTOS	-0.285996562	1.24E-09
AC079630.4	IGFBPL1	-0.341615772	1.84E-13
AC079630.4	HBB	-0.180111456	0.000151771
AC079630.4	BEX1	-0.080069614	0.093818138
AC079630.4	FABP4	-0.188336618	7.17E-05
AC079630.4	LMOD1	-0.172186164	0.000295186
AC079630.4	SOD3	-0.279987774	2.79E-09
AC079630.4	TMEM171	-0.468740089	0
AC079630.4	PI16	-0.237073815	5.45E-07
AC079630.4	ZMAT4	-0.313924619	1.70E-11

AC079630.4	MFAP4	-0.175823294	0.000218284
AC079630.4	CWH43	-0.477882006	1.98E-26
AC079630.4	SPX	-0.176995578	0.000197801
AC079630.4	APOD	-0.279939265	2.81E-09
AC079630.4	DPP6	-0.369005892	1.36E-15
AC079630.4	MMRN1	-0.2759674	4.76E-09
AC079630.4	WDR72	-0.33702715	5.47E-13
AC079630.4	MPPED2	-0.203893004	1.74E-05
AC079630.4	PAPSS2	-0.368629031	1.48E-15
AC079630.4	DCN	-0.299591935	1.83E-10
AC079630.4	SORBS2	-0.26387465	2.25E-08
AC079630.4	EGR2	-0.059469756	0.213564577
AC079630.4	EDN3	0.156984607	0.000965814
AC079630.4	DIO2	-0.215449468	5.52E-06
AC079630.4	ITPR1	-0.189093008	6.90E-05
AC079630.4	CFD	-0.243552651	2.61E-07
AC079630.4	CPXM1	-0.276930191	4.19E-09
AC079630.4	ELMO1	-0.171091181	0.000322891
AC079630.4	GPC3	-0.271528049	7.39E-09
AC079630.4	MYOC	-0.089036782	0.062334025
AC079630.4	DEPTOR	-0.345829847	1.21E-13
AC079630.4	DGKI	-0.385748205	0
AC079630.4	CARTPT	-0.121248926	0.011003393
AC079630.4	IYD	-0.30685584	6.33E-11
AC079630.4	LYVE1	-0.237123458	5.42E-07
AC079630.4	CLCNKB	-0.219386299	3.68E-06
AC079630.4	NCAM1	-0.496549244	0
AC079630.4	HBA2	-0.157798631	0.000919768
AC079630.4	GLT8D2	-0.240116221	3.86E-07
AC079630.4	OGDHL	-0.44053379	0
AC079630.4	LIFR	-0.20647217	1.35E-05
AC079630.4	CSGALNACT1	-0.434018501	0
AC079630.4	RAP1GAP	-0.435391343	0
AC079630.4	COL9A3	-0.177703345	0.000186322
AC079630.4	FBLN1	-0.355937019	1.93E-14
AC079630.4	EFEMP1	-0.384710666	0
AC079630.4	AOX1	-0.389547397	2.34E-17
AC079630.4	GRIN2C	-0.226183985	1.80E-06
AC079630.4	C11orf74	-0.292362212	5.12E-10
AC079630.4	PPARGC1A	-0.431259627	0
AC079630.4	ANGPTL1	-0.184581595	0.000103001
AC079630.4	SCARA5	-0.309176433	3.53E-11
AC079630.4	LTF	-0.260886993	3.27E-08
AC079630.4	CA4	0.011320735	0.813023728
AC079630.4	TG	-0.038940817	0.415563158
AC079630.4	FCGBP	-0.253336435	8.23E-08
AC079630.4	PBX4	-0.211176057	8.50E-06
AC079630.4	CYR61	-0.1571693	0.000964646
AC079630.4	FOS	-0.13090702	0.006049361
AC079630.4	KHDRBS2	-0.150712873	0.001557077
AC079630.4	MUM1L1	-0.348001657	8.23E-14

AC079630.4	RGS16	-0.227561366	1.55E-06
AC079630.4	MT1M	-0.285236031	1.37E-09
AC079630.4	LRP2	-0.275793082	4.87E-09
AC079630.4	MAFB	-0.297367928	2.52E-10
AC079630.4	KCNK2	-0.365158985	3.13E-15
AC079630.4	TBC1D4	-0.175575362	0.000222863
AC079630.4	MIOX	-0.165377349	0.000503013
AC079630.4	TPPP	-0.336256407	6.22E-13
AC079630.4	FMOD	-0.455376053	0
AC079630.4	CITED2	-0.392326753	0
AC079630.4	RGS8	-0.280495393	2.22E-09
AC079630.4	ABI3BP	-0.36094699	7.35E-15
AC079630.4	ADH1B	-0.257622413	4.37E-08
AC079630.4	OGN	-0.319417442	7.19E-12
AC079630.4	NR4A1	-0.064756735	0.175554223
AC079630.4	FOXJ1	-0.106232243	0.026029711
AC079630.4	ALDH1A1	-0.225262895	1.98E-06
AC079630.4	OCA2	-0.378201469	2.24E-16
AC079630.4	TMEM139	-0.428108432	0
AC079630.4	ARHGAP24	-0.207649418	1.21E-05
AC079630.4	SLC25A15	-0.358688801	1.14E-14
AC079630.4	DES	-0.266935576	1.34E-08
AC079630.4	GDF10	-0.259336648	3.53E-08
AC079630.4	KIAA1324	-0.182697714	0.000121413
AC079630.4	JUN	-0.137857749	0.003829296
AC079630.4	C7	-0.207548288	1.22E-05
AC079630.4	LGI3	-0.156689465	0.001000213
AC079630.4	CDON	-0.194409348	4.26E-05
AC079630.4	BCL2	-0.381065452	3.41E-17
AC079630.4	HLF	-0.068002678	0.154856176
AC079630.4	EGR1	-0.086233855	0.071083684
AC079630.4	IP6K3	-0.41096784	0
AC079630.4	SCUBE3	-0.245778501	2.01E-07
AC079630.4	PKNOX2	-0.157658496	0.000929591
AC079630.4	SMAD9	-0.456721662	0
AC079630.4	IQGAP2	-0.346245429	1.12E-13
AC079630.4	GNA14	-0.192544473	5.05E-05
AC079630.4	LAYN	-0.258993609	4.13E-08
AC079630.4	AVPR1A	-0.174947875	0.000234857
AC079630.4	PDLIM3	-0.367010243	2.11E-15
AC079630.4	GPM6A	-0.308766953	4.76E-11
AC079630.4	SDPR	0.041213757	0.388856229
AC079630.4	CRYAB	-0.556313454	0
AC079630.4	FOXA2	-0.128932903	0.00682959
AC079630.4	C8orf88	-0.280027204	2.78E-09
AC079630.4	ISM1	-0.103518837	0.030151759
AC079630.4	BMP2	-0.330538385	1.60E-12
AC079630.4	ID4	-0.345997356	1.17E-13
AC079630.4	NUPR1	-0.481520182	0
AC079630.4	SERTM1	-0.478348554	1.75E-26
AC079630.4	IRS1	-0.135798699	0.004394125

AC079630.4	FIBIN	-0.465851718	0
AC079630.4	PODN	-0.291871456	5.49E-10
AC079630.4	TDRD9	-0.381419903	2.75E-17
AC079630.4	EPHA3	-0.249161884	1.35E-07
AC079630.4	AIF1L	-0.408998431	0
AC079630.4	EBF4	-0.201551556	2.18E-05
AC079630.4	ADM2	-0.370821833	8.97E-16
AC079630.4	GSTM3	-0.247029647	1.74E-07
AC079630.4	HSD17B6	-0.114857865	0.016096588
AC079630.4	AGR3	-0.311335069	2.54E-11
AC079630.4	EPHB1	-0.420296184	0
AC079630.4	TMOD1	-0.300914282	1.51E-10
AC079630.4	WASF3	-0.23233532	9.23E-07
AC079630.4	SELV	-0.240937453	3.23E-07
AC079630.4	ENPP1	-0.291646928	5.66E-10
AC079630.4	SYNE1	-0.190470041	5.91E-05
AC079630.4	PLCH1	-0.273415041	6.65E-09
AC079630.4	CCDC146	-0.220984804	3.12E-06
AC079630.4	SLC16A2	-0.133963185	0.004960006
AC079630.4	IER2	-0.094561113	0.047725069
AC079630.4	KCNAB1	0.093638463	0.049946037
AC079630.4	SYNDIG1	-0.365549747	2.88E-15
AC079630.4	C16orf89	0.0284009	0.552711168
AC079630.4	CTGF	-0.093474641	0.050349282
AC079630.4	NR4A3	-0.1475943	0.001949598
AC079630.4	KIAA1456	-0.270769778	9.37E-09
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AC079630.4	RNF150	-0.269307863	1.13E-08
AC079630.4	C1S	-0.288418005	8.87E-10
AC079630.4	PFKFB2	-0.344538278	1.51E-13
AC079630.4	PROX1	-0.237472377	5.21E-07
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AC079630.4	BTBD11	-0.080029474	0.093983304
AC079630.4	TRIM58	-0.298592266	2.11E-10
AC079630.4	LRIG1	-0.425144603	0
AC079630.4	ROR2	-0.463464315	0
AC079630.4	GPR125	-0.355065429	2.27E-14
AC079630.4	FLRT1	-0.198805448	2.82E-05
AC079630.4	PGF	-0.18609216	9.02E-05
AC079630.4	DUSP1	-0.131645708	0.005767989
AC079630.4	PLA2G7	-0.401264478	0
AC079630.4	PLSCR4	-0.326571059	3.03E-12
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AC079630.4	HSD11B2	-0.08060207	0.091649107

AC079630.4	FGL2	-0.25051416	1.15E-07
AC079630.4	CLCNKA	-0.212347852	7.20E-06
AC079630.4	GATM	-0.209662938	9.88E-06
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AC079630.4	SORD	-0.426123563	0
AC079630.4	RIMS4	-0.201606731	2.17E-05
AC079630.4	SLC29A4	-0.245265618	2.14E-07
AC079630.4	SLC39A14	-0.297792872	2.37E-10
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AC079630.4	ID3	-0.447163116	0
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AC079630.4	NUAK2	-0.534803144	0
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AC079630.4	PRKX	-0.4749483	0
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AC079630.4	WNT11	-0.318710871	1.05E-11
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AC079630.4	HKDC1	-0.473379156	0
AC079630.4	ZFP36L2	-0.372598343	5.84E-16
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AC079630.4	CPQ	-0.116681323	0.014480193
AC079630.4	RPS6KA6	-0.234635146	6.64E-07

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AC079630.4	KATNAL2	-0.221763773	2.87E-06
AC079630.4	SGPP2	-0.488206952	0
AC079630.4	CTH	-0.390821861	0
AC079630.4	KIF12	-0.340738745	2.92E-13
AC079630.4	TMEM220	-0.18830255	7.41E-05
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AC079630.4	FAM155B	0.251282491	1.05E-07
AC079630.4	WFS1	-0.395809564	0
AC079630.4	SELENBP1	-0.027605052	0.563898382
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AC079630.4	FRAS1	-0.631360332	0
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AC079630.4	PRTG	-0.25351444	8.05E-08
AC079630.4	EGR3	0.037854486	0.428700055
AC079630.4	GRAMD2	-0.519373959	0
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AC079630.4	ITM2A	-0.064828363	0.175076302
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AC079630.4	FGFR2	-0.310737213	3.54E-11
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AC079630.4	FHL2	-0.434029848	0
AC079630.4	FTCDNL1	-0.484103887	0
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AC079630.4	DNAJB4	-0.124738381	0.008924214
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AC079630.4	EYA2	-0.534486989	0
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AC079630.4	CXCL12	-0.159172891	0.000828396
AC079630.4	OLFM2	-0.089598232	0.06071386
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AC079630.4	HTRA3	-0.28791264	9.51E-10
AC079630.4	CKB	-0.259192748	4.03E-08
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AC079630.4	CYTH3	-0.266231983	1.67E-08
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AC079630.4	WVOX	-0.207737925	1.20E-05
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AC079630.4	TMEM164	-0.411831912	0
AC079630.4	LONRF3	-0.04047124	0.397463941
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AC079630.4	ARHGAP6	-0.410432972	0
AC079630.4	TMEM119	-0.219477926	3.65E-06
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AC079630.4	IMPA2	-0.292137259	5.29E-10
AC079630.4	C1R	-0.266681749	1.58E-08
AC079630.4	SUCNR1	-0.131743717	0.005731555
AC079630.4	SFRP1	-0.175511536	0.000224056
AC079630.4	UGT8	-0.383200385	2.76E-18
AC079630.4	TLE4	-0.277876528	3.70E-09
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AC079630.4	GPX3	-0.426708925	0
AC079630.4	DPY19L2	-0.201246607	2.24E-05
AC079630.4	FAM46C	-0.256301682	5.75E-08
AC079630.4	IL33	-0.19570298	3.65E-05
AC079630.4	PEG3	-0.218276282	4.13E-06
AC079630.4	FAHD2A	-0.34012998	3.24E-13
AC079630.4	PTGDS	-0.084989235	0.075269414
AC079630.4	CHCHD10	-0.368140402	1.65E-15
AC079630.4	CD36	-0.049317763	0.302411738
AC079630.4	ANKRD37	-0.143657469	0.002573976
AC079630.4	TSPAN33	-0.26286945	2.56E-08
AC079630.4	PRDM16	-0.207979899	1.17E-05
AC079630.4	UST	0.110870114	0.020192172
AC079630.4	NEXN	-0.145173141	0.002314689
AC079630.4	NUPR1L	-0.100140951	0.03595122
AC079630.4	SLC24A3	-0.396427265	0
AC079630.4	MARC1	-0.054767571	0.252060487
AC079630.4	MYH11	-0.10994179	0.021266554
AC079630.4	APOA1	-0.201616667	2.08E-05
AC079630.4	TMEM178B	-0.109338415	0.021991194
AC079630.4	CAPN6	-0.189618366	6.39E-05
AC079630.4	PPM1L	-0.153912294	0.001230971
AC079630.4	FZD8	-0.275656777	4.96E-09
AC079630.4	RCAN2	-0.084405858	0.077299298
AC079630.4	COPZ2	-0.37183923	7.04E-16
AC079630.4	GAS1	-0.318120119	1.15E-11
AC079630.4	DACT1	-0.283999211	1.63E-09
AC079630.4	WBSCR17	0.015733709	0.742255869
AC079630.4	NCS1	-0.41290491	0
AC079630.4	SPIRE2	-0.37566784	2.59E-16
AC079630.4	C15orf52	-0.421787318	0
AC079630.4	SPAG5	-0.364086271	3.90E-15
AC079630.4	ARL4D	-0.271425917	8.61E-09
AC079630.4	FAM189A2	-0.074891424	0.117117103
AC079630.4	MAP1LC3A	-0.158352789	0.000881857

AC079630.4	KLF6	-0.130595971	0.006171487
AC079630.4	ADD3	-0.165100974	0.000522527
AC079630.4	TSPAN7	-0.003108644	0.948195453
AC079630.4	KLF9	0.014158608	0.767274562
AC079630.4	KCNQ1	-0.113767137	0.017137288
AC079630.4	MAN1A1	-0.253623655	7.95E-08
AC079630.4	MLF1	-0.270006553	1.03E-08
AC079630.4	RARB	-0.120567944	0.011503512
AC079630.4	CDC42EP2	-0.211415194	8.30E-06
AC079630.4	FAM3B	-0.297521112	2.47E-10
AC079630.4	GADD45B	-0.111333496	0.019673783
AC079630.4	TMEM47	-0.017645674	0.712249844
AC079630.4	SDF2L1	-0.067207255	0.159748656
AC079630.4	CCDC85A	-0.330660082	1.57E-12
AC079630.4	CRYBG3	-0.407430847	0
AC079630.4	FBLN2	-0.243030974	2.77E-07
AC079630.4	PEBP4	0.017500291	0.714516594
AC079630.4	CDADC1	-0.109635138	0.021632202
AC079630.4	FAM63A	-0.189688441	6.54E-05
AC079630.4	GLUL	-0.276123988	4.66E-09
AC079630.4	FREM2	-0.292519935	5.01E-10
AC079630.4	ACKR3	-0.212855267	7.18E-06
AC079630.4	DENND6A	-0.256717832	5.46E-08
AC079630.4	CLDN8	-0.603109779	0
AC079630.4	UTS2R	-0.25073285	1.02E-07
AC079630.4	SCNN1B	-0.316407436	1.50E-11
AC079630.4	TTC30A	-0.351995365	4.01E-14
AC079630.4	CORO2B	-0.021719378	0.649828584
AC079630.4	TC2N	-0.608981269	0
AC079630.4	ALDH2	-0.26076402	3.32E-08
AC079630.4	GPR183	-0.094418	0.048064042
AC079630.4	C4orf47	-0.158837872	0.000849862
AC079630.4	SLC25A42	0.006196155	0.896956821
AC079630.4	LGMN	-0.321341666	6.95E-12
AC079630.4	ACSF2	-0.381308845	2.95E-17
AC079630.4	KIAA1467	-0.331736625	1.31E-12
AC079630.4	PRKG1	-0.000494302	0.991757971
AC079630.4	GNAI1	-0.101612263	0.033337049
AC079630.4	ABCC4	-0.362160265	5.77E-15
AC079630.4	PRPS1	-0.321598533	6.68E-12
AC079630.4	TSPAN5	-0.615188062	0
AC079630.4	CR2	-0.02678084	0.575737657
AC079630.4	CCDC170	-0.360255676	8.42E-15
AC079630.4	RRAD	-0.220301858	3.35E-06
AC079630.4	SCGB2A1	-0.2285677	1.39E-06
AC079630.4	SESN3	-0.292189455	5.25E-10
AC079630.4	SGK223	-0.372566855	5.89E-16
AC079630.4	NDRG2	-0.149699731	0.001675825
AC079630.4	C3orf52	-0.323011798	5.34E-12
AC079630.4	FLRT3	0.3155045	1.72E-11
AC079630.4	MST1R	0.161420442	0.000696866

AC079630.4	SDC1	-0.007785298	0.870736918
AC079630.4	ST8SIA4	0.053088362	0.26691146
AC079630.4	UBTD1	0.439856659	0
AC079630.4	EPHA2	0.170883957	0.0003284
AC079630.4	TMEM130	0.529690483	0
AC079630.4	SPINK2	0.295012297	3.52E-10
AC079630.4	MMP16	0.120234769	0.011735568
AC079630.4	SIGLEC15	0.370749212	9.12E-16
AC079630.4	RIN1	0.422044185	0
AC079630.4	IL1RN	-0.101350715	0.033795655
AC079630.4	FCER1G	0.199062457	2.76E-05
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AC079630.4	CTSB	0.269191273	1.15E-08
AC079630.4	FAM171A2	0.597274883	0
AC079630.4	ASPHD1	0.290858739	6.32E-10
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AC079630.4	DYSF	0.524449743	0
AC079630.4	PDZRN4	0.509152325	0
AC079630.4	EFHD2	0.53936647	0
AC079630.4	ASF1B	0.155758162	0.001072723
AC079630.4	AQP1	0.504438651	0
AC079630.4	ARRDC2	0.382649489	9.09E-18
AC079630.4	PRSS1	0.40619101	7.20E-19
AC079630.4	MAPK13	0.396020192	0
AC079630.4	CST5	-0.019513695	0.683471581
AC079630.4	AHR	0.079521697	0.09609282
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AC079630.4	C1orf115	0.535536159	0
AC079630.4	PLK3	0.291489772	5.79E-10
AC079630.4	JAG2	0.484178635	0
AC079630.4	RAD23B	0.370267533	1.02E-15
AC079630.4	CA12	0.44213811	0
AC079630.4	ADTRP	0.401952672	0
AC079630.4	UCP2	0.366497644	2.36E-15
AC079630.4	IGFBP2	0.19958853	2.62E-05
AC079630.4	LOXL2	0.305478601	7.76E-11
AC079630.4	GPX1	0.31491077	1.88E-11
AC079630.4	P3H3	0.398671553	0
AC079630.4	C2orf81	0.538014621	0
AC079630.4	CDT1	0.166998471	0.0004494
AC079630.4	SNX25	0.605718164	0
AC079630.4	MTHFD1L	0.132978268	0.005290021
AC079630.4	CDC42BPG	0.162590179	0.000626876
AC079630.4	MSN	0.309893991	4.02E-11
AC079630.4	SIGLEC6	0.310095677	3.07E-11
AC079630.4	F2R	0.176430215	0.000207444
AC079630.4	TMEM184A	0.167777441	0.000422234
AC079630.4	CKS2	0.077123798	0.106570117
AC079630.4	TAX1BP3	0.172607846	0.000285122
AC079630.4	PMEP1A	0.256070204	5.91E-08
AC079630.4	CXCL16	0.117600144	0.013721167

AC079630.4	FAXC	0.180509451	0.000146676
AC079630.4	VTCN1	-0.072385337	0.129948722
AC079630.4	SH2D4A	0.340954479	2.81E-13
AC079630.4	RNF24	0.312265082	2.81E-11
AC079630.4	LY6G6C	0.064480956	0.177472592
AC079630.4	NID1	0.202905392	1.91E-05
AC079630.4	STAC	0.02655418	0.578835048
AC079630.4	RAB34	0.464188252	0
AC079630.4	HES4	0.267223425	1.48E-08
AC079630.4	EPHA10	0.27762349	3.82E-09
AC079630.4	ENTPD2	0.475375372	0
AC079630.4	DDB2	0.190222316	6.23E-05
AC079630.4	NKAIN4	0.321313157	6.98E-12
AC079630.4	TRIM29	0.060067174	0.208994324
AC079630.4	ADCY8	0.25573659	5.52E-08
AC079630.4	SFTA2	0.070249094	0.141651927
AC079630.4	NRIP1	0.280118122	2.74E-09
AC079630.4	VWA1	0.527975672	0
AC079630.4	APLNR	0.310220926	3.83E-11
AC079630.4	REN	0.566142318	1.44E-38
AC079630.4	EDIL3	0.402583989	0
AC079630.4	AGRN	0.285950181	1.25E-09
AC079630.4	TREM1	0.345017403	1.39E-13
AC079630.4	SRL	0.414227824	0
AC079630.4	RASGRF1	0.460792245	0
AC079630.4	RMI2	0.240036651	3.90E-07
AC079630.4	SAMD1	0.317676736	1.23E-11
AC079630.4	MGAT4B	0.197222403	3.28E-05
AC079630.4	NXN	0.112483511	0.018437051
AC079630.4	SH3BGRL3	0.218576835	4.01E-06
AC079630.4	CA11	0.616029723	0
AC079630.4	PLD3	0.697200561	0
AC079630.4	LURAP1L	0.04925805	0.302998041
AC079630.4	CARNS1	0.463038946	0
AC079630.4	PDLIM7	0.452647106	0
AC079630.4	BCL2L1	0.089361222	0.061400957
AC079630.4	GGT6	0.348273984	7.84E-14
AC079630.4	DPYSL3	0.260228443	3.55E-08
AC079630.4	FYN	0.391200992	0
AC079630.4	TK1	0.111102301	0.019930955
AC079630.4	AK1	0.548918634	0
AC079630.4	HIGD1B	0.6483632	0
AC079630.4	TMEM59L	0.104472267	0.028659203
AC079630.4	MEGF9	0.247454875	1.65E-07
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AC079630.4	ADRA1B	0.458685113	0
AC079630.4	EPHA4	0.127684197	0.007426654
AC079630.4	TCERG1L	0.410271845	0
AC079630.4	NGFR	0.377299676	1.59E-16
AC079630.4	EBI3	0.09424042	0.048487454
AC079630.4	S100A10	-0.033040251	0.489739858

AC079630.4	S100B	0.134743289	0.004711924
AC079630.4	CD44	0.703059001	0
AC079630.4	BHLHE41	0.2521216	9.52E-08
AC079630.4	FBXO2	0.456587767	0
AC079630.4	SLC30A2	-0.191889044	5.36E-05
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AC079630.4	SAMD11	0.207893236	1.18E-05
AC079630.4	SIPAIL2	0.441504523	0
AC079630.4	S100A16	0.078948391	0.098519813
AC079630.4	PPL	-0.061181163	0.20066187
AC079630.4	ARHGDIB	0.439038401	0
AC079630.4	CDC42EP3	0.024055152	0.615080006
AC079630.4	RUNX2	0.498605174	0
AC079630.4	LAMC2	-0.02347518	0.623632009
AC079630.4	BRINP1	0.3803635	4.93E-17
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AC079630.4	AQP5	0.398688007	0
AC079630.4	PLAG1	0.587864415	0
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AC079630.4	ANGPTL4	0.098105481	0.039948156
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AC079630.4	ACP5	0.177866032	0.000183773
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AC079630.4	ETNK2	0.529279013	0
AC079630.4	CD109	0.289855099	7.27E-10
AC079630.4	SNX22	0.493035088	0
AC079630.4	TMEM98	0.230873121	1.08E-06
AC079630.4	CTHRC1	0.025759609	0.590250415
AC079630.4	S100A2	-0.051057112	0.285663979
AC079630.4	C11orf80	0.214802974	5.90E-06
AC079630.4	SREBF1	0.35905162	1.06E-14
AC079630.4	PRSS22	0.136680642	0.004143563
AC079630.4	CMTM3	0.192489298	5.07E-05
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AC079630.4	MYH10	0.329221711	1.98E-12
AC079630.4	EVPL	0.218635697	3.98E-06
AC079630.4	SCD	0.160895361	0.000725734
AC079630.4	CD151	0.401211431	0
AC079630.4	S100A4	0.217393204	4.53E-06
AC079630.4	BNIP1	0.469597353	0
AC079630.4	MAP3K6	0.340769665	2.90E-13
AC079630.4	MANEAL	0.353860665	2.84E-14
AC079630.4	CD207	0.239160551	3.97E-07
AC079630.4	CD1A	0.237889441	4.59E-07
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AC079630.4	NT5E	0.139915522	0.003331363
AC079630.4	CACNG4	0.043223478	0.366275089
AC079630.4	FHOD1	0.406235302	0
AC079630.4	LEMD1	0.279125262	3.13E-09
AC079630.4	ATP11A	0.579509499	0
AC079630.4	PPAP2C	0.288004976	9.39E-10

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AC079630.4	CCND2	0.591997833	0
AC079630.4	LCN6	0.433722148	1.46E-21
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AC079630.4	MMP11	0.187651518	7.85E-05
AC079630.4	B3GAT1	0.260651827	3.37E-08
AC079630.4	SPP1	0.120195196	0.011763403
AC079630.4	HLA-DQB1	0.035051785	0.463684147
AC079630.4	SDC3	0.404290715	0
AC079630.4	CX3CL1	0.203734004	1.77E-05
AC079630.4	SDK1	0.349984256	5.77E-14
AC079630.4	DOCK9	0.32035604	8.11E-12
AC079630.4	CSF2	0.30709636	4.85E-11
AC079630.4	GRHL3	0.202124862	2.06E-05
AC079630.4	TMEM92	0.218040049	4.01E-06
AC079630.4	BASP1	0.162502659	0.000640694
AC079630.4	HRH1	0.131127293	0.005964193
AC079630.4	ESM1	0.314659719	1.96E-11
AC079630.4	B4GALNT3	0.093707254	0.049777517
AC079630.4	LMO3	0.518064377	0
AC079630.4	C9orf16	0.170616169	0.000335649
AC079630.4	SEMA3F	0.543359611	0
AC079630.4	PLA2G12B	0.744358049	1.19E-78
AC079630.4	KLK6	0.232908873	8.05E-07
AC079630.4	ST3GAL5	0.697613448	0
AC079630.4	FAM132B	0.420630778	0
AC079630.4	CDKN1A	0.030255846	0.527065425
AC079630.4	E2F1	0.163665866	0.000585021
AC079630.4	B3GNT8	0.459176295	0
AC079630.4	MTMR11	0.337317207	5.21E-13
AC079630.4	MYO1G	0.101568151	0.033414021
AC079630.4	TMSB10	0.224667605	2.11E-06
AC079630.4	UNC5CL	0.190597617	6.03E-05
AC079630.4	ABR	0.252058624	9.59E-08
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AC079630.4	PDE9A	0.188786073	7.09E-05
AC079630.4	TREM2	0.230462361	1.13E-06
AC079630.4	KDEL3	0.325835066	3.41E-12
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AC079630.4	PELI1	0.203877543	1.74E-05
AC079630.4	SSX1	0.243380177	2.66E-07
AC079630.4	MROH6	0.332418295	1.17E-12
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AC079630.4	BMP1	0.59237285	0
AC079630.4	TM4SF4	0.308392154	3.98E-11
AC079630.4	CORO2A	0.389933961	0
AC079630.4	CD164L2	0.37369653	5.37E-16
AC079630.4	CTSS	0.153071341	0.001309969

AC079630.4	CLU	0.265476275	1.84E-08
AC079630.4	TMSB4X	0.256598831	5.54E-08
AC079630.4	WNT10A	0.173938072	0.000250285
AC079630.4	NAPSA	0.298783321	2.06E-10
AC079630.4	PLEKHA4	0.391371196	0
AC079630.4	SFTPA1	0.511119923	1.37E-30
AC079630.4	C1orf116	0.222567706	2.64E-06
AC079630.4	TM4SF1	0.044417149	0.353035159
AC079630.4	SEL1L3	0.090095655	0.059292473
AC079630.4	VASN	0.281601738	2.25E-09
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AC079630.4	ENDOD1	0.2755443	5.03E-09
AC079630.4	RYR1	0.467556884	0
AC079630.4	IL1RAP	0.32960765	1.86E-12
AC079630.4	SLC35F2	0.265536423	1.61E-08
AC079630.4	ISYNA1	0.617512205	0
AC079630.4	HLA-G	-0.026770766	0.57574147
AC079630.4	CDKN2B	0.082458151	0.084400667
AC079630.4	ALDH1A3	0.050133185	0.294480778
AC079630.4	CLIP3	0.418826893	0
AC079630.4	ULBP2	0.325302468	3.72E-12
AC079630.4	ETHE1	0.125678194	0.008419557
AC079630.4	XPR1	0.300795139	1.54E-10
AC079630.4	SPTBN2	0.129360428	0.006678755
AC079630.4	IVL	0.239885397	3.65E-07
AC079630.4	MARCO	0.085337019	0.074080076
AC079630.4	PLXND1	0.524047209	0
AC079630.4	EMILIN2	0.368471024	1.53E-15
AC079630.4	PLAUR	0.107179228	0.024762613
AC079630.4	CDC42EP5	0.252707955	8.87E-08
AC079630.4	TRPC5	0.693444144	3.37E-64
AC079630.4	TMEM100	0.34541781	1.30E-13
AC079630.4	QSOX1	0.264768366	2.01E-08
AC079630.4	ARHGAP23	0.375142759	3.00E-16
AC079630.4	MDF1	0.317122437	1.34E-11
AC079630.4	FSTL3	0.087022895	0.068530084
AC079630.4	INF2	0.423552056	0
AC079630.4	TGFBR1	0.352660439	3.55E-14
AC079630.4	TGFBI	0.238981382	4.40E-07
AC079630.4	ERBB3	0.100366933	0.035569135
AC079630.4	CCL18	0.117091942	0.014136538
AC079630.4	CCL17	0.114504269	0.016386572
AC079630.4	C16orf45	0.494327791	0
AC079630.4	PRDM1	0.579149091	0
AC079630.4	TRIM47	0.149619309	0.001685599
AC079630.4	CNFN	0.188936278	7.00E-05
AC079630.4	ARMCX3	0.492655815	0
AC079630.4	RAMP1	0.42897222	0
AC079630.4	GABRD	0.553417991	0

AC079630.4	COL13A1	0.667931901	0
AC079630.4	S100A5	0.303670887	1.01E-10
AC079630.4	MISP	-0.050664081	0.28939258
AC079630.4	HES6	0.467142152	0
AC079630.4	PSD3	0.433622066	0
AC079630.4	DOK7	0.176731477	0.000202252
AC079630.4	ZMAT3	0.175573802	0.000222892
AC079630.4	MFAP2	0.366456228	2.38E-15
AC079630.4	TMEM79	0.375965273	2.38E-16
AC079630.4	SLC1A5	0.272825991	7.18E-09
AC079630.4	BBC3	0.217977998	4.26E-06
AC079630.4	HLA-DQB2	0.110276809	0.02087323
AC079630.4	C1QL1	0.411865811	0
AC079630.4	TMEM215	0.627223095	2.21E-49
AC079630.4	PNP	0.183492995	0.000113292
AC079630.4	ARNTL	0.277555409	3.86E-09
AC079630.4	CLDN2	0.516313629	2.79E-31
AC079630.4	MVP	0.257208589	5.15E-08
AC079630.4	LGALS1	0.218275147	4.13E-06
AC079630.4	BIRC7	0.347396968	6.75E-14
AC079630.4	COL8A1	0.367732904	1.80E-15
AC079630.4	PERP	0.015636693	0.743789347
AC079630.4	GJA4	0.480196274	0
AC079630.4	IGFL2	0.258649053	3.85E-08
AC079630.4	DAPK2	0.299154934	1.95E-10
AC079630.4	MAMLD1	0.329405958	1.92E-12
AC079630.4	ETV5	0.726169234	0
AC079630.4	RUNX1	0.067808077	0.156042506
AC079630.4	LONRF2	0.50060068	0
AC079630.4	SPOCK1	0.487701302	0
AC079630.4	XKRX	0.499291665	0
AC079630.4	TGFB1	0.518860934	0
AC079630.4	ERP27	0.162284372	0.000651674
AC079630.4	TNFRSF10C	0.26976004	1.07E-08
AC079630.4	PALM	0.245373273	2.11E-07
AC079630.4	TSC22D1	0.60112491	0
AC079630.4	TGM2	0.016038659	0.737442393
AC079630.4	UBE2QL1	0.645771268	0
AC079630.4	ECE1	0.435077883	0
AC079630.4	COL8A2	0.219465728	3.65E-06
AC079630.4	HIST3H2A	0.092583336	0.052591175
AC079630.4	TNFRSF21	0.116593384	0.014554739
AC079630.4	SOX4	0.103368916	0.030392415
AC079630.4	ELF3	-0.006460681	0.89258371
AC079630.4	TPD52L1	0.320816443	7.55E-12
AC079630.4	INHBB	0.412995118	0
AC079630.4	HPN	0.422803439	0
AC079630.4	MMP7	-0.009272337	0.846389416
AC079630.4	RAB27A	0.473312067	0
AC079630.4	IGF2BP2	0.490273093	0
AC079630.4	ITGB4	0.214587665	6.03E-06

AC079630.4	PPP1R1B	0.450441255	0
AC079630.4	NPDC1	0.562178136	0
AC079630.4	CCL13	0.185512892	9.24E-05
AC079630.4	SPINT1	0.189025352	6.94E-05
AC079630.4	HEY2	0.685551761	0
AC079630.4	CST2	-0.06434551	0.178386631
AC079630.4	ADM	0.461383706	0
AC079630.4	VSTM2L	0.027401374	0.566778866
AC079630.4	FAM84A	0.280940635	2.46E-09
AC079630.4	P4HA2	0.45032353	0
AC079630.4	LPL	0.503211476	0
AC079630.4	TMEM173	0.452758023	0
AC079630.4	DHRS3	0.437882003	0
AC079630.4	SCN1B	0.396068984	0
AC079630.4	GLT1D1	0.677698381	0
AC079630.4	PHYHIP	0.484496776	0
AC079630.4	BHLHE40	0.208470513	1.11E-05
AC079630.4	BID	0.336753263	5.72E-13
AC079630.4	POSTN	0.012087786	0.800534959
AC079630.4	ITGA3	0.125221762	0.00866138
AC079630.4	RSP04	0.245769566	2.02E-07
AC079630.4	ADAMTS9	0.789253142	0
AC079630.4	ABTB2	0.181261897	0.000137479
AC079630.4	KCNQ3	0.152402579	0.001376093
AC079630.4	ANXA1	0.359965902	8.91E-15
AC079630.4	S100A11	0.223118034	2.49E-06
AC079630.4	CEACAM6	0.020587889	0.667064776
AC079630.4	IER5L	0.289465614	7.67E-10
AC079630.4	KRT80	-0.011931056	0.803067852
AC079630.4	CDH6	0.130783622	0.006097548
AC079630.4	UNC5B	0.297860954	2.35E-10
AC079630.4	PLEKHN1	0.315445496	1.73E-11
AC079630.4	SYTL1	0.388384957	0
AC079630.4	TMEM163	0.172484306	0.000288036
AC079630.4	C4orf48	0.444932159	0
AC079630.4	B3GNT7	0.598934094	0
AC079630.4	BAIAP3	0.472012272	0
AC079630.4	PHLDA2	0.298040236	2.29E-10
AC079630.4	GAP43	0.272225153	6.74E-09
AC079630.4	S100A1	0.196052247	3.65E-05
AC079630.4	PTPRE	0.26698755	1.52E-08
AC079630.4	CCND1	0.324606615	4.15E-12
AC079630.4	ST6GALNAC5	-0.036567766	0.444717708
AC079630.4	KRT17	0.230341374	1.15E-06
AC079630.4	HPCAL4	0.680689584	0
AC079630.4	GABBR2	0.490519464	0
AC079630.4	DIRAS3	0.612418266	0
AC079630.4	SERINC2	0.253655427	7.92E-08
AC079630.4	PTCHD4	0.292444052	5.06E-10
AC079630.4	EPS8	0.535445241	0
AC079630.4	LY6E	0.3007489	1.55E-10

AC079630.4	UPP1	0.175535364	0.00022361
AC079630.4	AHNAK2	0.062691445	0.189755077
AC079630.4	PLXNC1	0.502575904	0
AC079630.4	TNC	0.03531007	0.460395248
AC079630.4	DUSP4	0.506622092	0
AC079630.4	NRCAM	0.407977771	0
AC079630.4	NRP2	0.575681598	0
AC079630.4	CTSC	0.294262688	3.92E-10
AC079630.4	AMIG02	0.561276477	0
AC079630.4	NAB2	0.467264983	0
AC079630.4	TBC1D2	0.092674538	0.052358019
AC079630.4	PHLDA3	0.190077642	6.32E-05
AC079630.4	PTP4A3	0.381010561	3.52E-17
AC079630.4	CRABP2	0.405291234	0
AC079630.4	GOS2	0.436839216	0
AC079630.4	S100A6	0.13423069	0.00487364
AC079630.4	FOXQ1	0.178318209	0.000176859
AC079630.4	LRG1	0.334504861	8.33E-13
AC079630.4	LAMP5	0.220978563	3.12E-06
AC079630.4	ALDH3B1	0.132302697	0.005527686
AC079630.4	CDH2	0.542556529	0
AC079630.4	SCG5	0.647350624	0
AC079630.4	ZCCHC16	0.734846536	1.06E-75
AC079630.4	GRB7	0.248786725	1.41E-07
AC079630.4	TIAM1	0.37520843	2.95E-16
AC079630.4	FXD5	0.511989635	0
AC079630.4	CLDN9	0.231950232	9.63E-07
AC079630.4	FAM43A	0.348903032	7.01E-14
AC079630.4	CHST2	0.42980835	0
AC079630.4	HMGA2	0.594227371	0
AC079630.4	GALNT7	0.523594323	0
AC079630.4	CBLN1	0.157648142	0.000930321
AC079630.4	STRA6	0.320846087	7.51E-12
AC079630.4	MUC21	0.23658732	5.32E-07
AC079630.4	PRR36	0.464678867	0
AC079630.4	NFE2L3	0.147770178	0.00192525
AC079630.4	NR1D1	0.182419571	0.000124381
AC079630.4	MUC1	-0.06373026	0.182510136
AC079630.4	NAT8L	0.700835988	0
AC079630.4	APOC1	0.51451391	0
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AC079630.4	ENTPD1	0.576575314	0
AC079630.4	COL1A1	0.137458477	0.003933388
AC079630.4	FNDC4	0.286494552	1.16E-09
AC079630.4	FRMD3	0.710537648	0
AC079630.4	SHROOM4	0.489121943	0
AC079630.4	NELL2	0.549461728	0
AC079630.4	EPHB3	0.229074626	1.32E-06
AC079630.4	TMC6	0.368181818	1.63E-15
AC079630.4	NOD1	0.504216392	0
AC079630.4	GGCT	0.395426036	0

AC079630.4	ICAM1	0.245960762	1.97E-07
AC079630.4	PRSS23	0.388907202	0
AC079630.4	CFI	0.350641104	5.13E-14
AC079630.4	CD55	0.0721395	0.131223827
AC079630.4	RASD2	0.346282874	1.12E-13
AC079630.4	KLK11	0.330589861	1.18E-12
AC079630.4	ICAM5	0.46451703	0
AC079630.4	ADORA1	0.348441635	7.61E-14
AC079630.4	ITGA2	0.117303279	0.013962479
AC079630.4	ABCC3	0.479338443	0
AC079630.4	MFGE8	0.344704227	1.47E-13
AC079630.4	STK32A	0.481940162	0
AC079630.4	CYSLTR2	0.479719985	0
AC079630.4	LAD1	0.27665063	4.35E-09
AC079630.4	MGAT3	0.01976316	0.679531144
AC079630.4	IGFBP6	0.471946317	0
AC079630.4	CYP2S1	0.044158154	0.355851501
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AC079630.4	FAM20A	0.403355725	0
AC079630.4	TGFA	0.612113458	0
AC079630.4	MXRA8	0.327593279	2.57E-12
AC079630.4	C8orf4	0.280719086	2.53E-09
AC079630.4	CLDN10	0.299366401	1.53E-10
AC079630.4	PDE5A	0.420772615	0
AC079630.4	APOE	0.579603821	0
AC079630.4	SPOCK2	0.048238099	0.313128893
AC079630.4	TENM1	0.826257173	0
AC079630.4	SLIT1	0.767281011	0
AC079630.4	CXCL14	0.247886769	1.57E-07
AC079630.4	ECM1	0.659409475	0
AC079630.4	DUSP5	0.154088881	0.001214951
AC079630.4	SEZ6L2	0.342551565	2.14E-13
AC079630.4	THRSP	0.473515462	0
AC079630.4	C19orf33	0.037861011	0.428620442
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AC079630.4	CTSH	0.413645158	0
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AC079630.4	ALOX5	-0.002432649	0.959449936
AC079630.4	SYTL5	0.350742033	3.74E-14
AC079630.4	TNFRSF12A	0.305838867	7.36E-11
AC079630.4	DUSP6	0.387570387	0
AC079630.4	ALOX15B	0.155913332	0.001060315
AC079630.4	SDC4	0.464278744	0
AC079630.4	MDK	0.42341802	0
AC079630.4	KRT19	0.019288148	0.686821313
AC079630.4	MET	0.250484657	1.16E-07
AC079630.4	TESC	0.738475591	0
AC079630.4	CXCL17	0.095465399	0.045598924
AC079630.4	NPC2	0.591437576	0
AC079630.4	COMP	0.230822627	1.09E-06
AC079630.4	TUSC3	0.506193176	0

AC079630.4	TMPRSS4	0.124947591	0.008809599
AC079630.4	LGALS3	0.208256198	1.14E-05
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AC079630.4	CTXN1	0.267845097	1.36E-08
AC079630.4	PCSK1N	0.37654567	2.00E-16
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AC079630.4	PCSK2	0.442905307	0
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AC079630.4	GOLT1A	0.610340494	0
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AC079630.4	ETV4	0.453199578	1.27E-23
AC079630.4	SYT12	0.385112066	0
AC079630.4	PVRL4	0.215975825	5.23E-06
AC079630.4	PLCD3	0.252109827	9.53E-08
AC079630.4	PLAU	0.244939535	2.22E-07
AC079630.4	LRRK2	0.912964056	0
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AC079630.4	CST6	0.290527407	6.62E-10
AC079630.4	QPCT	0.602367545	0
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AC079630.4	TMPRSS6	0.158532496	0.000869876
AC079630.4	KLK7	0.162554044	0.000628653
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AC079630.4	IGSF1	0.414170806	0
AC079630.4	B3GNT3	-0.015274866	0.7495174
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AC079630.4	GDF15	0.075777338	0.112837685
AC079630.4	ARHGAP36	0.397674712	4.38E-18
AC079630.4	LAMB3	0.236471858	5.83E-07
AC079630.4	KLK10	0.256507488	5.61E-08
AC079630.4	DPP4	0.250769608	1.12E-07
AC079630.4	METTL7B	0.557603747	0
AC079630.4	LIPH	0.344574304	1.50E-13
AC079630.4	CLDN16	0.244872588	2.24E-07

AC079630.4	CHI3L1	0.273697297	6.41E-09
AC079630.4	SLC22A31	0.534235347	9.18E-34
AC079630.4	TACSTD2	0.191888476	5.36E-05
AC079630.4	SFTPB	0.108236766	0.023369627
AC079630.4	RXRG	0.732834445	0
AC079630.4	DCSTAMP	0.204791087	1.53E-05
AC079630.4	CITED1	0.558593912	0
AC079630.4	SERPINA1	0.281285867	2.35E-09
AC079630.4	PRR15	0.677268472	0
AC079630.4	SLC34A2	0.068587189	0.151333939
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RP11-474021.5	PKHD1L1	-0.48296773	4.90E-27
RP11-474021.5	TFCP2L1	-0.508349952	0
RP11-474021.5	WSCD2	-0.589210045	2.20E-42
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RP11-474021.5	BMP8A	-0.545626594	0
RP11-474021.5	MATN2	-0.508522426	0
RP11-474021.5	PLA2R1	-0.461707662	0
RP11-474021.5	COL23A1	-0.590640026	0
RP11-474021.5	HGD	-0.696805119	0
RP11-474021.5	TCEAL2	-0.502509241	0
RP11-474021.5	CHRD1	-0.32571097	2.62E-12
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RP11-474021.5	PI16	-0.327522502	2.60E-12
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RP11-474021.5	MFAP4	-0.328218923	2.33E-12
RP11-474021.5	CWH43	-0.511865332	1.09E-30
RP11-474021.5	SPX	-0.590483721	0
RP11-474021.5	APOD	-0.185581546	9.43E-05
RP11-474021.5	DPP6	-0.571505062	0
RP11-474021.5	MMRN1	-0.400145809	0
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RP11-474021.5	MPPED2	-0.66701847	0
RP11-474021.5	PAPSS2	-0.481329127	0
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RP11-474021.5	SORBS2	-0.60000156	0
RP11-474021.5	EGR2	-0.259000701	4.13E-08
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RP11-474021.5	DIO2	-0.52819013	0
RP11-474021.5	ITPR1	-0.635112207	0
RP11-474021.5	CFD	-0.374780365	3.32E-16
RP11-474021.5	CPXM1	-0.529575453	0
RP11-474021.5	ELMO1	-0.704852532	0
RP11-474021.5	GPC3	-0.471558055	1.09E-25
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RP11-474021.5	DGKI	-0.482682395	0
RP11-474021.5	CARTPT	-0.536067545	5.02E-34
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RP11-474021.5	GLT8D2	-0.556983351	0
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RP11-474021.5	LIFR	-0.476098883	0
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RP11-474021.5	RAP1GAP	-0.463469847	0
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RP11-474021.5	EFEMP1	-0.333177691	1.04E-12
RP11-474021.5	AOX1	-0.53231612	1.72E-33
RP11-474021.5	GRIN2C	-0.541340418	0
RP11-474021.5	C11orf74	-0.630028623	0
RP11-474021.5	PPARGC1A	-0.556010207	0
RP11-474021.5	ANGPTL1	-0.513060363	0
RP11-474021.5	SCARA5	-0.312637578	2.08E-11
RP11-474021.5	LTF	-0.561501715	0
RP11-474021.5	CA4	-0.500295908	3.49E-29
RP11-474021.5	TG	-0.467914739	0
RP11-474021.5	FCGBP	-0.561929921	0
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RP11-474021.5	KHDRBS2	-0.539185202	0
RP11-474021.5	MUM1L1	-0.478003614	0
RP11-474021.5	RGS16	-0.572269848	0
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RP11-474021.5	NR4A1	-0.339066485	3.88E-13
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RP11-474021.5	ALDH1A1	-0.536916376	0
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RP11-474021.5	AVPR1A	-0.557410848	0
RP11-474021.5	PDLIM3	-0.544586928	0
RP11-474021.5	GPM6A	-0.434025877	0
RP11-474021.5	SDPR	-0.312385502	2.76E-11
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RP11-474021.5	C8orf88	-0.437793638	0
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RP11-474021.5	NUPR1	-0.408893188	0
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RP11-474021.5	GSTM3	-0.563474244	0
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RP11-474021.5	LRIG1	-0.431187148	0
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RP11-474021.5	FLRT1	-0.661912617	0
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RP11-474021.5	DUSP1	-0.303394304	1.05E-10
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RP11-474021.5	HSD11B2	-0.612125656	0
RP11-474021.5	FGL2	-0.260356238	3.49E-08
RP11-474021.5	CLCNKA	-0.662259503	9.49E-57
RP11-474021.5	GATM	-0.399013665	0
RP11-474021.5	TNS3	-0.350257293	5.49E-14
RP11-474021.5	TOB1	-0.371096855	8.41E-16
RP11-474021.5	MARC2	-0.569002062	0
RP11-474021.5	LRRC2	-0.353868324	2.84E-14
RP11-474021.5	SORD	-0.257827849	4.77E-08
RP11-474021.5	RIMS4	-0.480269179	0
RP11-474021.5	SLC29A4	-0.60973953	0
RP11-474021.5	SLC39A14	-0.512807467	0
RP11-474021.5	FAXDC2	-0.480587036	0
RP11-474021.5	HSPB8	-0.305203295	8.08E-11
RP11-474021.5	CCL19	-0.079567969	0.095908444
RP11-474021.5	KCNIP3	-0.594841384	0
RP11-474021.5	CGNL1	-0.419790535	0
RP11-474021.5	ATF3	-0.128588125	0.007014519
RP11-474021.5	SGCD	-0.302710508	1.16E-10
RP11-474021.5	STARD13	-0.405274923	0
RP11-474021.5	LDHD	-0.587761441	0
RP11-474021.5	RCAN1	-0.326980543	2.84E-12
RP11-474021.5	ID3	-0.44937081	0
RP11-474021.5	SYTL3	-0.518822071	0
RP11-474021.5	MT1E	-0.430836527	0
RP11-474021.5	CAMK1D	-0.545800912	0
RP11-474021.5	PRKCQ	-0.498080518	0
RP11-474021.5	NUAK2	-0.449951917	0
RP11-474021.5	LIPG	-0.418299543	0
RP11-474021.5	SLC25A25	-0.255341303	6.46E-08
RP11-474021.5	PRKX	-0.15900609	0.00083902
RP11-474021.5	SRPX	-0.300144532	1.69E-10
RP11-474021.5	FAM189A1	-0.609114738	0
RP11-474021.5	PLEKHH1	-0.347564089	8.89E-14
RP11-474021.5	WNT11	-0.534839171	0
RP11-474021.5	SNAI1	-0.422837764	0
RP11-474021.5	FDCSP	-0.121694976	0.010710199
RP11-474021.5	MT1X	-0.437457201	0
RP11-474021.5	ACACB	-0.546365565	0
RP11-474021.5	ARC	-0.150501111	0.001581239
RP11-474021.5	KLK4	-0.248414071	1.34E-07
RP11-474021.5	ZFPM2	-0.372875776	5.45E-16
RP11-474021.5	AKAP12	-0.210697073	8.92E-06
RP11-474021.5	GJB6	-0.342946346	1.46E-13
RP11-474021.5	ERO1LB	-0.469150424	0
RP11-474021.5	DNALI1	-0.587531523	0
RP11-474021.5	HKDC1	-0.445572838	0
RP11-474021.5	ZFP36L2	-0.363453819	4.44E-15

RP11-474021.5	CAPSL	-0.688910184	4.67E-63
RP11-474021.5	CYP7B1	-0.42925561	0
RP11-474021.5	CPQ	-0.397187653	0
RP11-474021.5	RPS6KA6	-0.51773044	1.80E-31
RP11-474021.5	TLE1	-0.52051901	0
RP11-474021.5	TP53INP2	-0.532572188	0
RP11-474021.5	KATNAL2	-0.639519087	0
RP11-474021.5	SGPP2	-0.27907264	3.15E-09
RP11-474021.5	CTH	-0.444466508	0
RP11-474021.5	KIF12	-0.313253403	2.42E-11
RP11-474021.5	TMEM220	-0.526867924	0
RP11-474021.5	CENPJ	-0.428518341	0
RP11-474021.5	FAM155B	-0.518281104	0
RP11-474021.5	WFS1	-0.581456923	0
RP11-474021.5	SELENBP1	-0.598175691	0
RP11-474021.5	SNTA1	-0.510039516	0
RP11-474021.5	FRAS1	-0.102073801	0.032540725
RP11-474021.5	FBLN7	-0.541585796	0
RP11-474021.5	AGPAT9	-0.374017991	4.07E-16
RP11-474021.5	GPR83	-0.399212662	0
RP11-474021.5	PRTG	-0.344498705	1.52E-13
RP11-474021.5	EGR3	-0.225783012	1.88E-06
RP11-474021.5	GRAMD2	-0.320689782	7.70E-12
RP11-474021.5	HYOU1	-0.532069092	0
RP11-474021.5	FBLN5	-0.346308121	1.11E-13
RP11-474021.5	ITM2A	-0.472734365	0
RP11-474021.5	SRF	-0.448842325	0
RP11-474021.5	FGFR2	-0.236864889	5.58E-07
RP11-474021.5	MT1A	-0.315657554	1.30E-11
RP11-474021.5	MAMDC2	-0.237760732	5.04E-07
RP11-474021.5	FHL2	-0.505238187	0
RP11-474021.5	FTCDNL1	-0.431056233	0
RP11-474021.5	PKIA	-0.351738923	4.20E-14
RP11-474021.5	DNAJB4	-0.253653725	7.92E-08
RP11-474021.5	SLC25A33	-0.642396253	0
RP11-474021.5	EYA2	-0.327686608	2.54E-12
RP11-474021.5	LPAR1	-0.325333246	3.70E-12
RP11-474021.5	STX11	-0.175238641	0.000229226
RP11-474021.5	ARHGEF28	-0.365486487	2.92E-15
RP11-474021.5	OR2W3	-0.447470477	0
RP11-474021.5	ALDH1B1	-0.552139704	2.14E-36
RP11-474021.5	CXCL12	-0.297455726	2.49E-10
RP11-474021.5	OLFM2	-0.587984977	0
RP11-474021.5	TUB	-0.267455612	1.43E-08
RP11-474021.5	HTRA3	-0.295642763	3.22E-10
RP11-474021.5	CKB	-0.588608918	0
RP11-474021.5	RGS2	-0.216473957	4.97E-06
RP11-474021.5	SHANK2	-0.472914781	0
RP11-474021.5	CNTFR	-0.568335235	6.42E-39
RP11-474021.5	CYTH3	-0.478943569	0
RP11-474021.5	PLAC9	-0.464040599	0

RP11-474021.5	WVOX	-0.597929603	0
RP11-474021.5	NPR3	-0.371805473	7.09E-16
RP11-474021.5	SDC2	-0.20934111	1.02E-05
RP11-474021.5	KLF15	-0.426197602	0
RP11-474021.5	TMEM164	-0.564448807	0
RP11-474021.5	LONRF3	-0.067193923	0.159831645
RP11-474021.5	GBP1	-0.228340477	1.43E-06
RP11-474021.5	ARHGAP6	-0.282891038	1.89E-09
RP11-474021.5	TMEM119	-0.239157828	4.31E-07
RP11-474021.5	SH3RF1	-0.296031539	3.05E-10
RP11-474021.5	CRELD2	-0.655774899	0
RP11-474021.5	PCP4	-0.138408077	0.003689914
RP11-474021.5	GCSH	-0.598583473	0
RP11-474021.5	IMPA2	-0.397561252	0
RP11-474021.5	C1R	-0.211565258	8.18E-06
RP11-474021.5	SUCNR1	-0.3881705	0
RP11-474021.5	SFRP1	-0.447084112	0
RP11-474021.5	UGT8	-0.485605517	0
RP11-474021.5	TLE4	-0.277719798	3.78E-09
RP11-474021.5	ANTXR1	-0.414967789	0
RP11-474021.5	GPX3	-0.406498268	0
RP11-474021.5	DPY19L2	-0.506861513	0
RP11-474021.5	FAM46C	-0.456311752	0
RP11-474021.5	IL33	-0.269748986	9.33E-09
RP11-474021.5	PEG3	-0.437016087	0
RP11-474021.5	FAHD2A	-0.585090648	0
RP11-474021.5	PTGDS	-0.123291926	0.009753654
RP11-474021.5	CHCHD10	-0.555637033	0
RP11-474021.5	CD36	-0.546463291	0
RP11-474021.5	ANKRD37	-0.535968904	0
RP11-474021.5	TSPAN33	-0.625836343	0
RP11-474021.5	PRDM16	-0.439098398	0
RP11-474021.5	UST	-0.498705311	0
RP11-474021.5	NEXN	-0.474385349	0
RP11-474021.5	NUPR1L	-0.314415941	1.58E-11
RP11-474021.5	SLC24A3	-0.615819946	0
RP11-474021.5	MARC1	-0.57276103	0
RP11-474021.5	MYH11	-0.22860089	1.39E-06
RP11-474021.5	APOA1	-0.58043678	6.76E-41
RP11-474021.5	TMEM178B	-0.40212316	0
RP11-474021.5	CAPN6	-0.27898419	2.73E-09
RP11-474021.5	PPM1L	-0.577431301	0
RP11-474021.5	FZD8	-0.613059796	0
RP11-474021.5	RCAN2	-0.582917278	0
RP11-474021.5	COPZ2	-0.641417719	0
RP11-474021.5	GAS1	-0.319188153	9.73E-12
RP11-474021.5	DACT1	-0.435182275	0
RP11-474021.5	WBSCR17	-0.507521339	0
RP11-474021.5	NCS1	-0.340520173	3.03E-13
RP11-474021.5	SPIRE2	-0.462524786	0
RP11-474021.5	C15orf52	-0.447396721	0

RP11-474021.5	SPAG5	-0.524611437	0
RP11-474021.5	ARL4D	-0.606447349	0
RP11-474021.5	FAM189A2	-0.342201653	2.27E-13
RP11-474021.5	MAP1LC3A	-0.672702735	0
RP11-474021.5	KLF6	0.012906895	0.787332031
RP11-474021.5	ADD3	-0.260955642	3.24E-08
RP11-474021.5	TSPAN7	-0.448734529	0
RP11-474021.5	KLF9	-0.289254135	7.90E-10
RP11-474021.5	KCNQ1	-0.581873356	0
RP11-474021.5	MAN1A1	-0.202555763	1.98E-05
RP11-474021.5	MLF1	-0.299406128	1.88E-10
RP11-474021.5	RARB	-0.531426144	0
RP11-474021.5	CDC42EP2	-0.536885313	0
RP11-474021.5	FAM3B	-0.173196328	0.000271611
RP11-474021.5	GADD45B	-0.257849692	4.76E-08
RP11-474021.5	TMEM47	-0.489323635	0
RP11-474021.5	SDF2L1	-0.614911763	0
RP11-474021.5	CCDC85A	-0.147678268	0.001937939
RP11-474021.5	CRYBG3	-0.017916866	0.70802831
RP11-474021.5	FBLN2	-0.10525464	0.027482265
RP11-474021.5	PEBP4	-0.353169067	3.23E-14
RP11-474021.5	CDADC1	-0.611339028	0
RP11-474021.5	FAM63A	-0.454481202	0
RP11-474021.5	GLUL	-0.256675281	5.49E-08
RP11-474021.5	FREM2	-0.313398928	2.37E-11
RP11-474021.5	ACKR3	-0.519980171	0
RP11-474021.5	DENND6A	-0.52359333	0
RP11-474021.5	CLDN8	-0.049918727	0.296553034
RP11-474021.5	UTS2R	-0.064414575	0.177920118
RP11-474021.5	SCNN1B	-0.377254572	1.61E-16
RP11-474021.5	TTC30A	-0.495794387	0
RP11-474021.5	CORO2B	-0.610550839	0
RP11-474021.5	TC2N	-0.297916129	2.33E-10
RP11-474021.5	ALDH2	-0.727080963	0
RP11-474021.5	GPR183	-0.116582605	0.0145639
RP11-474021.5	C4orf47	-0.566096387	0
RP11-474021.5	SLC25A42	-0.591604802	0
RP11-474021.5	LGMN	-0.535182133	0
RP11-474021.5	ACSF2	-0.64967264	0
RP11-474021.5	KIAA1467	-0.46253046	0
RP11-474021.5	PRKG1	-0.573672759	0
RP11-474021.5	GNAI1	-0.580472857	0
RP11-474021.5	ABCC4	-0.378457209	1.07E-16
RP11-474021.5	PRPS1	-0.576899554	0
RP11-474021.5	TSPAN5	-0.289138822	8.03E-10
RP11-474021.5	CR2	-0.212913166	6.80E-06
RP11-474021.5	CCDC170	-0.34289169	2.01E-13
RP11-474021.5	RRAD	-0.156519827	0.001013074
RP11-474021.5	SCGB2A1	-0.530450021	0
RP11-474021.5	SESN3	-0.297064964	2.63E-10
RP11-474021.5	SGK223	-0.218373015	4.09E-06

RP11-474021.5	NDRG2	-0.67487341	0
RP11-474021.5	C3orf52	-0.29259057	4.96E-10
RP11-474021.5	FLRT3	0.442371857	0
RP11-474021.5	MST1R	0.585593177	0
RP11-474021.5	SDC1	0.305169112	8.12E-11
RP11-474021.5	ST8SIA4	0.469962158	0
RP11-474021.5	UBTD1	0.301105053	1.47E-10
RP11-474021.5	EPHA2	0.44151814	0
RP11-474021.5	TMEM130	0.343195647	1.91E-13
RP11-474021.5	SPINK2	0.355300879	2.18E-14
RP11-474021.5	MMP16	0.644388781	0
RP11-474021.5	SIGLEC15	0.547458846	0
RP11-474021.5	RIN1	0.449127276	0
RP11-474021.5	IL1RN	0.492264345	0
RP11-474021.5	FCER1G	0.151135548	0.001509861
RP11-474021.5	CD276	0.502011392	0
RP11-474021.5	CTSB	0.466577782	0
RP11-474021.5	FAM171A2	0.241603384	3.26E-07
RP11-474021.5	ASPHD1	0.519957761	0
RP11-474021.5	C15orf48	0.327124507	2.78E-12
RP11-474021.5	DYSF	0.16199857	0.000666314
RP11-474021.5	PDZRN4	0.199286276	2.70E-05
RP11-474021.5	EFHD2	0.161916447	0.000670577
RP11-474021.5	ASF1B	0.302458605	1.21E-10
RP11-474021.5	AQP1	0.13732898	0.003967694
RP11-474021.5	ARRDC2	0.52190561	0
RP11-474021.5	PRSS1	0.371202293	8.65E-16
RP11-474021.5	MAPK13	0.599100327	0
RP11-474021.5	CST5	0.586320204	6.89E-42
RP11-474021.5	AHR	0.569762167	0
RP11-474021.5	BAX	0.274765614	5.57E-09
RP11-474021.5	C1orf115	0.477686041	0
RP11-474021.5	PLK3	0.394837696	0
RP11-474021.5	JAG2	0.265424646	1.85E-08
RP11-474021.5	RAD23B	0.708427111	0
RP11-474021.5	CA12	-0.131055382	0.005991878
RP11-474021.5	ADTRP	0.490482587	0
RP11-474021.5	UCP2	0.457791539	0
RP11-474021.5	IGFBP2	0.248230865	1.51E-07
RP11-474021.5	LOXL2	0.1515395	0.001465969
RP11-474021.5	GPX1	0.227486334	1.56E-06
RP11-474021.5	P3H3	0.332373332	1.18E-12
RP11-474021.5	C2orf81	0.375811947	2.49E-16
RP11-474021.5	CDT1	0.438656434	0
RP11-474021.5	SNX25	0.446294505	0
RP11-474021.5	MTHFD1L	0.615594851	0
RP11-474021.5	CDC42BPG	0.686824277	1.54E-62
RP11-474021.5	MSN	0.707844728	0
RP11-474021.5	SIGLEC6	0.56204144	6.38E-38
RP11-474021.5	F2R	0.245170588	2.16E-07
RP11-474021.5	TMEM184A	0.563184612	0

RP11-474021.5	CKS2	0.205304425	1.52E-05
RP11-474021.5	TAX1BP3	0.414420723	0
RP11-474021.5	PMEPA1	0.378255375	1.15E-16
RP11-474021.5	CXCL16	0.502174931	0
RP11-474021.5	FAXC	0.660842739	0
RP11-474021.5	VTCN1	0.572370071	1.44E-39
RP11-474021.5	SH2D4A	0.618170046	0
RP11-474021.5	RNF24	0.528595217	0
RP11-474021.5	LY6G6C	0.606646987	1.78E-45
RP11-474021.5	NID1	0.361681848	6.35E-15
RP11-474021.5	STAC	0.623740841	0
RP11-474021.5	RAB34	0.486820352	0
RP11-474021.5	HES4	0.224595977	2.13E-06
RP11-474021.5	EPHA10	0.626877569	0
RP11-474021.5	ENTPD2	0.487520886	0
RP11-474021.5	DDB2	0.518866041	0
RP11-474021.5	NKAIN4	0.266651537	1.59E-08
RP11-474021.5	TRIM29	0.563885146	0
RP11-474021.5	ADCY8	0.570452432	2.93E-39
RP11-474021.5	SFTA2	0.457558501	0
RP11-474021.5	NRIP1	0.609047507	0
RP11-474021.5	VWA1	0.028902294	0.545719285
RP11-474021.5	APLNR	0.162389332	0.000646373
RP11-474021.5	REN	0.514937092	4.27E-31
RP11-474021.5	EDIL3	0.15558583	0.001086661
RP11-474021.5	AGRN	0.532056043	0
RP11-474021.5	TREM1	0.349323579	6.50E-14
RP11-474021.5	SRL	0.41669111	0
RP11-474021.5	RASGRF1	0.636529018	0
RP11-474021.5	RMI2	0.411927368	0
RP11-474021.5	SAMD1	0.33283019	1.10E-12
RP11-474021.5	MGAT4B	0.658504696	0
RP11-474021.5	NXN	0.584231966	0
RP11-474021.5	SH3BGRL3	0.288168372	9.18E-10
RP11-474021.5	CA11	0.263450415	2.38E-08
RP11-474021.5	PLD3	0.229749771	1.22E-06
RP11-474021.5	LURAP1L	0.484489401	0
RP11-474021.5	CARNS1	0.436516962	0
RP11-474021.5	PDLIM7	0.237793355	5.03E-07
RP11-474021.5	BCL2L1	0.566660757	0
RP11-474021.5	GGT6	0.417451499	0
RP11-474021.5	DPYSL3	0.390125866	0
RP11-474021.5	FYN	0.546275357	0
RP11-474021.5	TK1	0.213450415	6.76E-06
RP11-474021.5	AK1	0.177649021	0.00018718
RP11-474021.5	HIGD1B	0.051188453	0.284425224
RP11-474021.5	TMEM59L	0.366739476	2.24E-15
RP11-474021.5	MEGF9	0.665993413	0
RP11-474021.5	ZFP36L1	0.513945994	0
RP11-474021.5	ADRA1B	0.392491993	0
RP11-474021.5	EPHA4	0.642996224	0

RP11-474021.5	TCERG1L	0.455210954	0
RP11-474021.5	NGFR	0.334601168	8.19E-13
RP11-474021.5	EBI3	0.431716485	0
RP11-474021.5	S100A10	0.361561712	6.51E-15
RP11-474021.5	S100B	0.323587231	4.88E-12
RP11-474021.5	CD44	0.252213652	9.42E-08
RP11-474021.5	BHLHE41	0.620749779	0
RP11-474021.5	FBXO2	0.300058437	1.71E-10
RP11-474021.5	SLC30A2	0.503312606	0
RP11-474021.5	FRMD5	0.533016422	0
RP11-474021.5	SAMD11	0.426430215	0
RP11-474021.5	SIPA1L2	0.536711137	0
RP11-474021.5	S100A16	0.434466139	0
RP11-474021.5	PPL	0.753876551	0
RP11-474021.5	ARHGDIB	0.169978895	0.000353504
RP11-474021.5	CDC42EP3	0.550461538	0
RP11-474021.5	RUNX2	0.469736779	0
RP11-474021.5	LAMC2	0.576715307	0
RP11-474021.5	BRINP1	0.44064882	0
RP11-474021.5	GPRC5B	0.669739048	0
RP11-474021.5	AQP5	0.197717982	3.13E-05
RP11-474021.5	PLAG1	0.507695941	0
RP11-474021.5	PTPRU	0.595759637	0
RP11-474021.5	ANGPTL4	0.362715415	5.16E-15
RP11-474021.5	PALM3	0.494612175	0
RP11-474021.5	ACP5	0.312421387	2.75E-11
RP11-474021.5	DLG4	0.376120442	2.27E-16
RP11-474021.5	ETNK2	0.584386569	0
RP11-474021.5	CD109	0.641262691	0
RP11-474021.5	SNX22	0.407136252	0
RP11-474021.5	TMEM98	0.632724805	0
RP11-474021.5	CTHRC1	0.274597679	5.70E-09
RP11-474021.5	S100A2	0.431191545	0
RP11-474021.5	C11orf80	0.583275417	0
RP11-474021.5	SREBF1	0.440604567	0
RP11-474021.5	PRSS22	0.569199925	0
RP11-474021.5	CMTM3	0.28859828	8.65E-10
RP11-474021.5	RDH5	0.60041998	0
RP11-474021.5	MYH10	0.546505275	0
RP11-474021.5	EVPL	0.588937697	0
RP11-474021.5	SCD	0.430272015	0
RP11-474021.5	CD151	0.449502435	0
RP11-474021.5	S100A4	0.444326515	0
RP11-474021.5	BNIP1	0.476860832	0
RP11-474021.5	MAP3K6	0.531511814	0
RP11-474021.5	MANEAL	0.435640976	0
RP11-474021.5	CD207	0.371964169	7.48E-16
RP11-474021.5	CD1A	0.384664129	6.25E-17
RP11-474021.5	C3	0.356225232	1.83E-14
RP11-474021.5	NT5E	0.525472814	0
RP11-474021.5	CACNG4	0.583310013	2.23E-41

RP11-474021.5	FHOD1	0.472514801	0
RP11-474021.5	LEMD1	0.457292272	0
RP11-474021.5	ATP11A	0.40930409	0
RP11-474021.5	PPAP2C	0.338723523	4.11E-13
RP11-474021.5	DRAM1	0.629844234	0
RP11-474021.5	CDA	0.151590278	0.001460535
RP11-474021.5	CCND2	0.342957077	1.99E-13
RP11-474021.5	LCN6	0.369022074	1.31E-15
RP11-474021.5	CDH4	0.520085698	0
RP11-474021.5	MMP11	0.388487364	0
RP11-474021.5	B3GAT1	0.564931337	0
RP11-474021.5	SPP1	0.282010371	2.13E-09
RP11-474021.5	HLA-DQB1	0.241286236	3.38E-07
RP11-474021.5	SDC3	0.489174565	0
RP11-474021.5	CX3CL1	0.398882607	0
RP11-474021.5	SDK1	0.441809473	0
RP11-474021.5	DOCK9	0.760878624	0
RP11-474021.5	CSF2	0.487260962	1.48E-27
RP11-474021.5	GRHL3	0.624578673	0
RP11-474021.5	TMEM92	0.546696404	1.40E-35
RP11-474021.5	BASP1	0.523005415	0
RP11-474021.5	HRH1	0.593965256	0
RP11-474021.5	ESM1	0.023812469	0.618652248
RP11-474021.5	B4GALNT3	0.607029306	0
RP11-474021.5	LMO3	0.444263539	0
RP11-474021.5	C9orf16	0.373492484	4.66E-16
RP11-474021.5	SEMA3F	0.284499755	1.52E-09
RP11-474021.5	PLA2G12B	0.384684028	6.22E-17
RP11-474021.5	KLK6	0.559277215	1.72E-37
RP11-474021.5	ST3GAL5	0.428281189	0
RP11-474021.5	FAM132B	0.308713339	4.80E-11
RP11-474021.5	CDKN1A	0.308298465	5.11E-11
RP11-474021.5	E2F1	0.444806775	0
RP11-474021.5	B3GNT8	0.31250734	2.71E-11
RP11-474021.5	MTMR11	0.530695399	0
RP11-474021.5	MYO1G	0.460906424	0
RP11-474021.5	TMSB10	0.330327615	1.65E-12
RP11-474021.5	UNC5CL	0.531438626	0
RP11-474021.5	ABR	0.519424453	0
RP11-474021.5	PLP2	0.378190272	1.18E-16
RP11-474021.5	SRCIN1	0.478455649	0
RP11-474021.5	PDE9A	0.647891166	0
RP11-474021.5	TREM2	0.199229541	2.71E-05
RP11-474021.5	KDEL3	0.352588811	3.60E-14
RP11-474021.5	PC	0.609364513	0
RP11-474021.5	C2CD4A	0.579874446	0
RP11-474021.5	PELI1	0.535545094	0
RP11-474021.5	SSX1	0.396295356	0
RP11-474021.5	MROH6	0.540225436	0
RP11-474021.5	ESPN	0.519778621	0
RP11-474021.5	BMP1	0.399011821	0

RP11-474021.5	TM4SF4	0.576678555	2.84E-40
RP11-474021.5	CORO2A	0.665912991	0
RP11-474021.5	CD164L2	0.422480207	1.97E-20
RP11-474021.5	CTSS	0.402477185	0
RP11-474021.5	CLU	0.462177994	0
RP11-474021.5	TMSB4X	0.379110795	8.43E-17
RP11-474021.5	WNT10A	0.522653323	3.84E-32
RP11-474021.5	NAPSA	0.457386594	0
RP11-474021.5	PLEKHA4	0.621600093	0
RP11-474021.5	SFTPA1	0.112221834	0.018670831
RP11-474021.5	C1orf116	0.688456869	0
RP11-474021.5	TM4SF1	0.518401808	0
RP11-474021.5	SEL1L3	0.64337266	0
RP11-474021.5	VASN	0.513560055	0
RP11-474021.5	NPTXR	0.604898629	0
RP11-474021.5	PDE4C	0.573958845	0
RP11-474021.5	CDC42EP1	0.547535864	0
RP11-474021.5	ENDOD1	0.722870386	0
RP11-474021.5	RYR1	0.645768147	0
RP11-474021.5	IL1RAP	0.665110335	0
RP11-474021.5	SLC35F2	0.712227946	3.66E-69
RP11-474021.5	ISYNA1	0.321629879	6.64E-12
RP11-474021.5	HLA-G	0.539162792	0
RP11-474021.5	CDKN2B	0.465689314	0
RP11-474021.5	ALDH1A3	0.531672941	0
RP11-474021.5	CLIP3	0.416881172	0
RP11-474021.5	ULBP2	0.502740719	0
RP11-474021.5	ETHE1	0.599097348	0
RP11-474021.5	XPR1	0.470692477	0
RP11-474021.5	SPTBN2	0.680473566	0
RP11-474021.5	IVL	0.523652447	2.80E-32
RP11-474021.5	MARCO	0.418405779	0
RP11-474021.5	PLXND1	0.333476258	9.87E-13
RP11-474021.5	EMILIN2	0.447963786	0
RP11-474021.5	PLAUR	0.4163985	0
RP11-474021.5	CDC42EP5	0.490779877	0
RP11-474021.5	TRPC5	0.501303759	2.59E-29
RP11-474021.5	TMEM100	0.351611412	4.30E-14
RP11-474021.5	QSOX1	0.636655821	0
RP11-474021.5	ARHGAP23	0.575287149	0
RP11-474021.5	MDF1	0.328053115	2.39E-12
RP11-474021.5	FSTL3	0.606420258	0
RP11-474021.5	INF2	0.558316478	0
RP11-474021.5	TGFBR1	0.675468701	0
RP11-474021.5	TGFBI	0.187652369	7.85E-05
RP11-474021.5	ERBB3	0.753113041	0
RP11-474021.5	CCL18	0.380928721	3.69E-17
RP11-474021.5	CCL17	0.416209517	8.05E-20
RP11-474021.5	C16orf45	0.492695104	0
RP11-474021.5	PRDM1	0.447369914	0
RP11-474021.5	TRIM47	0.441151774	0

RP11-474021.5	CNFN	0.394980809	0
RP11-474021.5	ARMCX3	0.598957923	0
RP11-474021.5	RAMP1	0.380726603	4.11E-17
RP11-474021.5	GABRD	0.094022132	0.049012202
RP11-474021.5	COL13A1	0.299129829	1.96E-10
RP11-474021.5	S100A5	0.476116045	0
RP11-474021.5	MISP	0.47128408	0
RP11-474021.5	HES6	0.322881166	5.45E-12
RP11-474021.5	PSD3	0.639623905	0
RP11-474021.5	DOK7	0.625092265	0
RP11-474021.5	ZMAT3	0.619079364	0
RP11-474021.5	MFAP2	0.341741533	2.46E-13
RP11-474021.5	TMEM79	0.551117677	0
RP11-474021.5	SLC1A5	0.387753357	0
RP11-474021.5	BBC3	0.437386424	0
RP11-474021.5	HLA-DQB2	0.229679136	1.23E-06
RP11-474021.5	C1QL1	0.533080674	0
RP11-474021.5	TMEM215	0.285516866	1.11E-09
RP11-474021.5	PNP	0.513331556	0
RP11-474021.5	ARNTL	0.603526071	0
RP11-474021.5	CLDN2	0.366473758	2.12E-15
RP11-474021.5	MVP	0.495904027	0
RP11-474021.5	LGALS1	0.27955205	2.96E-09
RP11-474021.5	BIRC7	0.515548694	3.53E-31
RP11-474021.5	COL8A1	0.639060102	0
RP11-474021.5	PERP	0.716811388	0
RP11-474021.5	GJA4	0.38837588	0
RP11-474021.5	IGFL2	0.455626814	6.90E-24
RP11-474021.5	DAPK2	0.725527705	0
RP11-474021.5	MAMLD1	0.64255426	0
RP11-474021.5	ETV5	0.389702057	0
RP11-474021.5	RUNX1	0.603238993	0
RP11-474021.5	LONRF2	0.508137905	0
RP11-474021.5	SPOCK1	0.227290882	1.60E-06
RP11-474021.5	XKRX	0.637061333	0
RP11-474021.5	TGFB1	0.225492104	1.94E-06
RP11-474021.5	ERP27	0.414703688	0
RP11-474021.5	TNFRSF10C	0.487479327	0
RP11-474021.5	PALM	0.641836138	0
RP11-474021.5	TSC22D1	0.43838439	0
RP11-474021.5	TGM2	0.483367185	0
RP11-474021.5	UBE2QL1	0.416162483	0
RP11-474021.5	ECE1	0.610353118	0
RP11-474021.5	COL8A2	0.629622401	0
RP11-474021.5	HIST3H2A	0.499878871	0
RP11-474021.5	TNFRSF21	0.531928673	0
RP11-474021.5	SOX4	0.560487863	0
RP11-474021.5	ELF3	0.623869913	0
RP11-474021.5	TPD52L1	0.666674799	0
RP11-474021.5	INHBB	0.531504154	0
RP11-474021.5	HPN	0.5057132	0

RP11-474021.5	MMP7	0.445507626	8.60E-23
RP11-474021.5	RAB27A	0.68486924	0
RP11-474021.5	IGF2BP2	0.569801598	0
RP11-474021.5	ITGB4	0.546536337	0
RP11-474021.5	PPP1R1B	0.563483038	0
RP11-474021.5	NPDC1	0.251477517	1.03E-07
RP11-474021.5	CCL13	0.495268914	1.51E-28
RP11-474021.5	SPINT1	0.616342758	0
RP11-474021.5	HEY2	0.430578809	0
RP11-474021.5	CST2	0.555155496	7.43E-37
RP11-474021.5	ADM	0.338126388	4.54E-13
RP11-474021.5	VSTM2L	0.400899673	0
RP11-474021.5	FAM84A	0.451599497	0
RP11-474021.5	P4HA2	0.428355228	0
RP11-474021.5	LPL	0.417990764	0
RP11-474021.5	TMEM173	0.427775398	0
RP11-474021.5	DHRS3	0.75757623	0
RP11-474021.5	SCN1B	0.493522866	0
RP11-474021.5	GLT1D1	0.40744035	0
RP11-474021.5	PHYHIP	0.467980551	0
RP11-474021.5	BHLHE40	0.525882723	0
RP11-474021.5	BID	0.629163416	0
RP11-474021.5	POSTN	0.294991873	3.53E-10
RP11-474021.5	ITGA3	0.664326118	0
RP11-474021.5	RSP04	0.634728538	0
RP11-474021.5	ADAMTS9	0.331872931	1.28E-12
RP11-474021.5	ABTB2	0.702997444	0
RP11-474021.5	KCNQ3	0.764930344	0
RP11-474021.5	ANXA1	0.594193897	0
RP11-474021.5	S100A11	0.42496291	0
RP11-474021.5	CEACAM6	0.593074347	4.72E-43
RP11-474021.5	IER5L	0.435487083	0
RP11-474021.5	KRT80	0.694753161	0
RP11-474021.5	CDH6	0.500459694	0
RP11-474021.5	UNC5B	0.354934088	2.33E-14
RP11-474021.5	PLEKHN1	0.578128431	0
RP11-474021.5	SYTL1	0.363294252	4.59E-15
RP11-474021.5	TMEM163	0.613566012	0
RP11-474021.5	C4orf48	0.091793304	0.054647343
RP11-474021.5	B3GNT7	0.396083168	0
RP11-474021.5	BAIAP3	0.589699646	0
RP11-474021.5	PHLDA2	0.381543443	2.54E-17
RP11-474021.5	GAP43	0.548735494	6.97E-36
RP11-474021.5	S100A1	0.484305863	0
RP11-474021.5	PTPRE	0.791243401	0
RP11-474021.5	CCND1	0.617598017	0
RP11-474021.5	ST6GALNAC5	0.691820601	8.70E-64
RP11-474021.5	KRT17	0.310147738	3.87E-11
RP11-474021.5	HPCAL4	0.498651413	0
RP11-474021.5	GABBR2	0.362963063	4.91E-15
RP11-474021.5	DIRAS3	0.394105391	0

RP11-474021.5	SERINC2	0.427394565	0
RP11-474021.5	PTCHD4	0.44707546	0
RP11-474021.5	EPS8	0.650011205	0
RP11-474021.5	LY6E	0.499658598	0
RP11-474021.5	UPP1	0.616170142	0
RP11-474021.5	AHNAK2	0.679545242	0
RP11-474021.5	PLXNC1	0.509176862	0
RP11-474021.5	TNC	0.424827597	0
RP11-474021.5	DUSP4	0.408930633	0
RP11-474021.5	NRCAM	0.625110137	0
RP11-474021.5	NRP2	0.516558067	0
RP11-474021.5	CTSC	0.557395246	0
RP11-474021.5	AMIG02	0.5078426	0
RP11-474021.5	NAB2	0.492759073	0
RP11-474021.5	TBC1D2	0.722558061	0
RP11-474021.5	PHLDA3	0.389301934	0
RP11-474021.5	PTP4A3	0.346349112	1.10E-13
RP11-474021.5	CRABP2	0.210093272	9.47E-06
RP11-474021.5	GOS2	0.243706828	2.56E-07
RP11-474021.5	S100A6	0.550310198	0
RP11-474021.5	FOXQ1	0.629251072	0
RP11-474021.5	LRG1	0.579845369	0
RP11-474021.5	LAMP5	0.37729684	1.59E-16
RP11-474021.5	ALDH3B1	0.673186541	0
RP11-474021.5	CDH2	0.091631042	0.055077825
RP11-474021.5	SCG5	0.217030952	4.70E-06
RP11-474021.5	ZCCHC16	0.474562883	4.88E-26
RP11-474021.5	GRB7	0.664569226	0
RP11-474021.5	TIAM1	0.522179356	0
RP11-474021.5	FXD5	0.203059001	1.88E-05
RP11-474021.5	CLDN9	0.462216432	0
RP11-474021.5	FAM43A	0.603523234	0
RP11-474021.5	CHST2	0.531919028	0
RP11-474021.5	HMGA2	0.383335981	1.36E-18
RP11-474021.5	GALNT7	0.589849426	0
RP11-474021.5	CBLN1	0.557987842	0
RP11-474021.5	STRA6	0.552432507	0
RP11-474021.5	MUC21	0.634188305	9.04E-51
RP11-474021.5	PRR36	0.459806761	0
RP11-474021.5	NFE2L3	0.456618262	0
RP11-474021.5	NR1D1	0.416893937	0
RP11-474021.5	MUC1	0.568731295	0
RP11-474021.5	NAT8L	0.27347135	6.60E-09
RP11-474021.5	APOC1	0.226539855	1.73E-06
RP11-474021.5	EVA1A	0.632055475	0
RP11-474021.5	ENTPD1	0.493003174	0
RP11-474021.5	COL1A1	0.342245622	2.25E-13
RP11-474021.5	FNDC4	0.432159016	0
RP11-474021.5	FRMD3	0.417632767	0
RP11-474021.5	SHROOM4	0.677098268	0
RP11-474021.5	NELL2	0.495213139	0

RP11-474021.5	EPHB3	0.607877776	0
RP11-474021.5	TMC6	0.548230724	0
RP11-474021.5	NOD1	0.690531946	0
RP11-474021.5	GGCT	0.623436175	0
RP11-474021.5	ICAM1	0.647572316	0
RP11-474021.5	PRSS23	0.575740319	0
RP11-474021.5	CFI	0.551241359	0
RP11-474021.5	CD55	0.713790257	0
RP11-474021.5	RASD2	0.601258663	0
RP11-474021.5	KLK11	0.562890607	4.69E-38
RP11-474021.5	ICAM5	0.640149553	0
RP11-474021.5	ADORA1	0.421483928	0
RP11-474021.5	ITGA2	0.641291342	0
RP11-474021.5	ABCC3	0.499022742	0
RP11-474021.5	MFGE8	0.543208413	0
RP11-474021.5	STK32A	0.422255806	0
RP11-474021.5	CYSLTR2	0.563696928	0
RP11-474021.5	LAD1	0.646874902	0
RP11-474021.5	MGAT3	0.696056786	0
RP11-474021.5	IGFBP6	0.456248493	0
RP11-474021.5	CYP2S1	0.625557775	0
RP11-474021.5	KCNJ2	0.454153133	0
RP11-474021.5	FAM20A	0.474077562	0
RP11-474021.5	TGFA	0.609514435	0
RP11-474021.5	MXRA8	0.554864446	0
RP11-474021.5	C8orf4	0.394502109	0
RP11-474021.5	CLDN10	0.526908173	9.91E-33
RP11-474021.5	PDE5A	0.751624744	0
RP11-474021.5	APOE	0.225646139	1.91E-06
RP11-474021.5	SPOCK2	0.634444013	0
RP11-474021.5	TENM1	0.352670368	3.54E-14
RP11-474021.5	SLIT1	0.233815532	7.84E-07
RP11-474021.5	CXCL14	0.309752296	4.11E-11
RP11-474021.5	ECM1	0.157465881	0.000943251
RP11-474021.5	DUSP5	0.655876738	0
RP11-474021.5	SEZ6L2	0.436266194	0
RP11-474021.5	THRSP	0.255996307	5.97E-08
RP11-474021.5	C19orf33	0.537050128	0
RP11-474021.5	MPZL2	0.617834175	0
RP11-474021.5	CTSH	0.590862143	0
RP11-474021.5	CYP1B1	0.578752372	0
RP11-474021.5	ALOX5	0.528015954	0
RP11-474021.5	SYTL5	0.702629969	1.41E-66
RP11-474021.5	TNFRSF12A	0.506470752	0
RP11-474021.5	DUSP6	0.574681647	0
RP11-474021.5	ALOX15B	0.612584499	0
RP11-474021.5	SDC4	0.670861547	0
RP11-474021.5	MDK	0.470891758	0
RP11-474021.5	KRT19	0.579978696	0
RP11-474021.5	MET	0.819948116	0
RP11-474021.5	TESC	0.335052919	7.60E-13

RP11-474021.5	CXCL17	0.627146656	2.29E-49
RP11-474021.5	NPC2	0.465472303	0
RP11-474021.5	COMP	0.435495451	0
RP11-474021.5	TUSC3	0.478980872	0
RP11-474021.5	TMPRSS4	0.69884729	0
RP11-474021.5	LGALS3	0.659834136	0
RP11-474021.5	CRLF1	0.457843452	0
RP11-474021.5	CTXN1	0.512221964	0
RP11-474021.5	PCSK1N	0.20512798	1.54E-05
RP11-474021.5	NMU	0.567504768	8.72E-39
RP11-474021.5	GALE	0.50326268	0
RP11-474021.5	PCSK2	0.241260138	3.39E-07
RP11-474021.5	GJB3	0.587139485	0
RP11-474021.5	SLPI	0.478331825	0
RP11-474021.5	AGR2	0.356844776	1.63E-14
RP11-474021.5	MRC2	0.471104372	0
RP11-474021.5	GOLT1A	0.445518088	0
RP11-474021.5	SLC27A6	0.674913858	1.16E-59
RP11-474021.5	KCNN4	0.486475688	0
RP11-474021.5	ETV4	0.500457088	3.33E-29
RP11-474021.5	SYT12	0.631661735	0
RP11-474021.5	PVRL4	0.629312771	0
RP11-474021.5	PLCD3	0.663049583	0
RP11-474021.5	PLAU	0.396190113	0
RP11-474021.5	LRRK2	0.308039187	5.31E-11
RP11-474021.5	SFN	0.5028288	0
RP11-474021.5	LPAR5	0.692687303	0
RP11-474021.5	NGEF	0.666609837	0
RP11-474021.5	DTX4	0.787133812	0
RP11-474021.5	CST6	0.636288179	0
RP11-474021.5	QPCT	0.473035485	0
RP11-474021.5	TIMP1	0.463395382	0
RP11-474021.5	CAMK2N1	0.521373721	0
RP11-474021.5	KLHDC8A	0.238074334	4.87E-07
RP11-474021.5	PDLIM4	0.603031059	0
RP11-474021.5	SCEL	0.61663863	0
RP11-474021.5	LCN2	0.590184019	0
RP11-474021.5	PROS1	0.794979533	0
RP11-474021.5	GABRB2	0.762294443	0
RP11-474021.5	TMPRSS6	0.720146121	0
RP11-474021.5	KLK7	0.621377224	3.05E-48
RP11-474021.5	PDZK1IP1	0.431339765	0
RP11-474021.5	CDH3	0.522626001	0
RP11-474021.5	LRP4	0.435460559	0
RP11-474021.5	IGSF1	0.47681743	0
RP11-474021.5	B3GNT3	0.701789275	0
RP11-474021.5	CLDN1	0.573852467	0
RP11-474021.5	GDF15	0.599218336	0
RP11-474021.5	ARHGAP36	0.468717688	2.33E-25
RP11-474021.5	LAMB3	0.542989274	0
RP11-474021.5	KLK10	0.672364595	0

RP11-474021.5	DPP4	0.691933581	0
RP11-474021.5	METTL7B	0.476007682	0
RP11-474021.5	LIPH	0.686148469	0
RP11-474021.5	CLDN16	0.605299886	0
RP11-474021.5	CHI3L1	0.515837534	0
RP11-474021.5	SLC22A31	0.502393183	1.88E-29
RP11-474021.5	TACSTD2	0.684384725	0
RP11-474021.5	SFTPB	0.555979712	0
RP11-474021.5	RXRG	0.485768346	0
RP11-474021.5	DCSTAMP	0.699856195	7.53E-66
RP11-474021.5	CITED1	0.486232295	0
RP11-474021.5	SERPINA1	0.642718507	0
RP11-474021.5	PRR15	0.453011911	0
RP11-474021.5	SLC34A2	0.764830632	0
RP11-474021.5	FN1	0.670825804	0
RP11-474021.5	ZCCHC12	0.511313355	0
AC079630.2	TFF3	-0.457599074	4.18E-24
AC079630.2	CCL21	-0.348316534	5.74E-14
AC079630.2	TPO	-0.338916216	2.92E-13
AC079630.2	MT1G	-0.330297698	1.24E-12
AC079630.2	DI01	-0.364378094	3.13E-15
AC079630.2	DPT	-0.335629135	5.10E-13
AC079630.2	CDH16	-0.461666106	1.47E-24
AC079630.2	CRABP1	-0.371150622	8.74E-16
AC079630.2	SLC26A7	-0.269054344	1.02E-08
AC079630.2	MT1H	-0.337438864	3.75E-13
AC079630.2	SLC26A4	-0.206140619	1.34E-05
AC079630.2	SLC5A8	-0.378032682	2.32E-16
AC079630.2	PKHD1L1	-0.431002491	2.77E-21
AC079630.2	TFCP2L1	-0.377261013	2.69E-16
AC079630.2	WSCD2	-0.33986641	2.49E-13
AC079630.2	IPCEF1	-0.356863867	1.25E-14
AC079630.2	SLC5A5	-0.352428204	2.77E-14
AC079630.2	MT1F	-0.405806906	7.82E-19
AC079630.2	FOSB	-0.195163666	3.84E-05
AC079630.2	SEMA3D	-0.376634806	3.04E-16
AC079630.2	BMP8A	-0.250049068	1.10E-07
AC079630.2	MATN2	-0.377187186	2.73E-16
AC079630.2	PLA2R1	-0.409148146	3.80E-19
AC079630.2	COL23A1	-0.35133447	3.37E-14
AC079630.2	HGD	-0.277494853	3.34E-09
AC079630.2	TCEAL2	-0.287757574	8.13E-10
AC079630.2	CHRD1	-0.255517554	5.67E-08
AC079630.2	TNFRSF11B	-0.359765972	7.34E-15
AC079630.2	FAM167A	-0.252289138	8.42E-08
AC079630.2	KIT	-0.430022157	3.48E-21
AC079630.2	SLC4A4	-0.32701681	2.12E-12
AC079630.2	SMOC2	-0.331132494	1.08E-12
AC079630.2	FHL1	-0.321489186	5.17E-12
AC079630.2	OTOS	-0.386683761	4.17E-17
AC079630.2	IGFBPL1	-0.335837071	4.92E-13

AC079630.2	HBB	-0.234380634	6.83E-07
AC079630.2	BEX1	-0.23655943	5.34E-07
AC079630.2	FABP4	-0.294764625	3.00E-10
AC079630.2	LMOD1	-0.279196501	2.65E-09
AC079630.2	SOD3	-0.362683538	4.29E-15
AC079630.2	TMEM171	-0.479275045	1.36E-26
AC079630.2	PI16	-0.300757795	1.25E-10
AC079630.2	ZMAT4	-0.387416281	3.59E-17
AC079630.2	MFAP4	-0.259285934	3.55E-08
AC079630.2	CWH43	-0.476828119	2.64E-26
AC079630.2	SPX	-0.263958196	1.97E-08
AC079630.2	APOD	-0.323261683	3.89E-12
AC079630.2	DPP6	-0.433748421	1.45E-21
AC079630.2	MMRN1	-0.269100087	1.02E-08
AC079630.2	WDR72	-0.35231153	2.83E-14
AC079630.2	MPPED2	-0.308093375	4.17E-11
AC079630.2	PAPSS2	-0.332160191	9.10E-13
AC079630.2	DCN	-0.269599008	9.51E-09
AC079630.2	SORBS2	-0.29508897	2.86E-10
AC079630.2	EGR2	-0.149983768	0.001624936
AC079630.2	EDN3	0.003058355	0.94905215
AC079630.2	DIO2	-0.277044584	3.54E-09
AC079630.2	ITPR1	-0.240923687	3.24E-07
AC079630.2	CFD	-0.3263752	2.35E-12
AC079630.2	CPXM1	-0.365560325	2.51E-15
AC079630.2	ELMO1	-0.281072753	2.05E-09
AC079630.2	GPC3	-0.336566729	4.35E-13
AC079630.2	MYOC	-0.188714896	6.93E-05
AC079630.2	DEPTOR	-0.392459604	1.29E-17
AC079630.2	DGKI	-0.425296919	1.04E-20
AC079630.2	CARTPT	-0.208498556	1.06E-05
AC079630.2	IYD	-0.258277882	4.03E-08
AC079630.2	LYVE1	-0.262393281	2.40E-08
AC079630.2	CLCNKB	-0.372843992	6.32E-16
AC079630.2	NCAM1	-0.39641508	5.69E-18
AC079630.2	HBA2	-0.276639491	3.74E-09
AC079630.2	GLT8D2	-0.303700679	8.07E-11
AC079630.2	OGDHL	-0.426010229	8.79E-21
AC079630.2	LIFR	-0.197633658	3.04E-05
AC079630.2	CSGALNACT1	-0.424350566	1.29E-20
AC079630.2	RAP1GAP	-0.451473029	1.96E-23
AC079630.2	COL9A3	-0.310419045	2.92E-11
AC079630.2	FBLN1	-0.358078934	1.00E-14
AC079630.2	EFEMP1	-0.357818801	1.05E-14
AC079630.2	AOX1	-0.394273318	8.87E-18
AC079630.2	GRIN2C	-0.316711325	1.10E-11
AC079630.2	C11orf74	-0.440207575	3.12E-22
AC079630.2	PPARGC1A	-0.409178925	3.78E-19
AC079630.2	ANGPTL1	-0.267113555	1.31E-08
AC079630.2	SCARA5	-0.321858637	4.88E-12
AC079630.2	LTF	-0.336767348	4.21E-13

AC079630.2	CA4	-0.163008444	0.00060664
AC079630.2	TG	-0.169014576	0.000375439
AC079630.2	FCGBP	-0.39368772	1.00E-17
AC079630.2	PBX4	-0.418581815	4.74E-20
AC079630.2	CYR61	-0.255116494	5.96E-08
AC079630.2	FOS	-0.199955285	2.44E-05
AC079630.2	KHDRBS2	-0.276982742	3.57E-09
AC079630.2	MUM1L1	-0.380450273	1.44E-16
AC079630.2	RGS16	-0.291564827	4.74E-10
AC079630.2	MT1M	-0.364785527	2.90E-15
AC079630.2	LRP2	-0.262330447	2.42E-08
AC079630.2	MAFB	-0.313903401	1.71E-11
AC079630.2	KCNK2	-0.407021902	6.02E-19
AC079630.2	TBC1D4	-0.196055978	3.53E-05
AC079630.2	MIOX	-0.33651907	4.39E-13
AC079630.2	TPPP	-0.372164014	7.20E-16
AC079630.2	FMOD	-0.421216695	2.62E-20
AC079630.2	CITED2	-0.381201525	1.24E-16
AC079630.2	RGS8	-0.348896793	5.18E-14
AC079630.2	ABI3BP	-0.269909281	9.13E-09
AC079630.2	ADH1B	-0.292623672	4.08E-10
AC079630.2	OGN	-0.308919659	3.67E-11
AC079630.2	NR4A1	-0.155131759	0.001110724
AC079630.2	FOXJ1	-0.268763269	1.06E-08
AC079630.2	ALDH1A1	-0.320484467	6.07E-12
AC079630.2	OCA2	-0.462078888	1.32E-24
AC079630.2	TMEM139	-0.443571864	1.38E-22
AC079630.2	ARHGAP24	-0.227489579	1.46E-06
AC079630.2	SLC25A15	-0.288027352	7.83E-10
AC079630.2	DES	-0.305071426	6.58E-11
AC079630.2	GDF10	-0.31000667	3.11E-11
AC079630.2	KIAA1324	-0.240810215	3.28E-07
AC079630.2	JUN	-0.20246563	1.92E-05
AC079630.2	C7	-0.186210407	8.68E-05
AC079630.2	LGI3	-0.229562633	1.17E-06
AC079630.2	CDON	-0.249239235	1.22E-07
AC079630.2	BCL2	-0.383008134	8.69E-17
AC079630.2	HLF	-0.155059492	0.001116762
AC079630.2	EGR1	-0.155448841	0.001084584
AC079630.2	IP6K3	-0.404051076	1.14E-18
AC079630.2	SCUBE3	-0.277906117	3.16E-09
AC079630.2	PKNOX2	-0.313500932	1.82E-11
AC079630.2	SMAD9	-0.419884681	3.54E-20
AC079630.2	IQGAP2	-0.305671396	6.01E-11
AC079630.2	GNA14	-0.26571509	1.57E-08
AC079630.2	LAYN	-0.371054262	8.90E-16
AC079630.2	AVPR1A	-0.237915982	4.58E-07
AC079630.2	PDLIM3	-0.381527685	1.17E-16
AC079630.2	GPM6A	-0.310377132	2.94E-11
AC079630.2	SDPR	-0.048931337	0.306347958
AC079630.2	CRYAB	-0.505379881	7.75E-30

AC079630.2	FOXA2	-0.275404333	4.42E-09
AC079630.2	C8orf88	-0.279036648	2.71E-09
AC079630.2	ISM1	-0.132532272	0.00541549
AC079630.2	BMP2	-0.323650464	3.66E-12
AC079630.2	ID4	-0.440489552	2.91E-22
AC079630.2	NUPR1	-0.455810833	6.59E-24
AC079630.2	SERTM1	-0.425738286	9.36E-21
AC079630.2	IRS1	-0.188269135	7.22E-05
AC079630.2	FIBIN	-0.367255448	1.83E-15
AC079630.2	PODN	-0.308743709	3.77E-11
AC079630.2	TDRD9	-0.37424728	4.83E-16
AC079630.2	EPHA3	-0.240390441	3.45E-07
AC079630.2	AIF1L	-0.455594528	6.96E-24
AC079630.2	EBF4	-0.358046807	1.01E-14
AC079630.2	ADM2	-0.407628266	5.28E-19
AC079630.2	GSTM3	-0.351281989	3.40E-14
AC079630.2	HSD17B6	-0.185168951	9.52E-05
AC079630.2	AGR3	-0.357879267	1.04E-14
AC079630.2	EPHB1	-0.370967031	9.05E-16
AC079630.2	TMOD1	-0.260267747	3.14E-08
AC079630.2	WASF3	-0.231989222	8.92E-07
AC079630.2	SELV	-0.348645587	5.42E-14
AC079630.2	ENPP1	-0.221169356	2.88E-06
AC079630.2	SYNE1	-0.232471768	8.45E-07
AC079630.2	PLCH1	-0.312512808	2.12E-11
AC079630.2	CCDC146	-0.304499022	7.16E-11
AC079630.2	SLC16A2	-0.220640366	3.05E-06
AC079630.2	IER2	-0.271419729	7.49E-09
AC079630.2	KCNAB1	-0.10212346	0.032417918
AC079630.2	SYNDIG1	-0.41923456	4.10E-20
AC079630.2	C16orf89	-0.147279245	0.00197522
AC079630.2	CTGF	-0.147415198	0.001956081
AC079630.2	NR4A3	-0.150001285	0.001622866
AC079630.2	KIAA1456	-0.307201489	4.77E-11
AC079630.2	AQP4	-0.111425928	0.019530238
AC079630.2	RNF150	-0.324916949	2.98E-12
AC079630.2	C1S	-0.224258831	2.08E-06
AC079630.2	PFKFB2	-0.247040441	1.58E-07
AC079630.2	PROX1	-0.244835902	2.05E-07
AC079630.2	TCF7L1	-0.316731467	1.10E-11
AC079630.2	HSPB6	-0.251163145	9.65E-08
AC079630.2	FHDC1	-0.243584311	2.38E-07
AC079630.2	PRR15L	-0.243125389	2.51E-07
AC079630.2	SLC1A1	-0.330499748	1.20E-12
AC079630.2	BTBD11	-0.250530258	1.04E-07
AC079630.2	TRIM58	-0.201988411	2.01E-05
AC079630.2	LRIG1	-0.398027014	4.07E-18
AC079630.2	ROR2	-0.485621011	2.34E-27
AC079630.2	GPR125	-0.380653529	1.38E-16
AC079630.2	FLRT1	-0.344201791	1.18E-13
AC079630.2	PGF	-0.358812953	8.74E-15

AC079630.2	DUSP1	-0.184831586	9.81E-05
AC079630.2	PLA2G7	-0.459144343	2.82E-24
AC079630.2	PLSCR4	-0.263536791	2.08E-08
AC079630.2	FAM46B	-0.440841526	2.67E-22
AC079630.2	GLDC	-0.327797069	1.87E-12
AC079630.2	ZBTB16	-0.11866066	0.012849117
AC079630.2	OMD	-0.271508691	7.40E-09
AC079630.2	HSD11B2	-0.27247161	6.52E-09
AC079630.2	FGL2	-0.176061938	0.000209407
AC079630.2	CLCNKA	-0.36372139	3.54E-15
AC079630.2	GATM	-0.241712385	2.96E-07
AC079630.2	TNS3	-0.421717956	2.34E-20
AC079630.2	TOB1	-0.345007226	1.02E-13
AC079630.2	MARC2	-0.322169945	4.64E-12
AC079630.2	LRRC2	-0.264230811	1.90E-08
AC079630.2	SORD	-0.446501699	6.74E-23
AC079630.2	RIMS4	-0.290051897	5.88E-10
AC079630.2	SLC29A4	-0.399475123	3.00E-18
AC079630.2	SLC39A14	-0.245559921	1.88E-07
AC079630.2	FAXDC2	-0.302068888	1.03E-10
AC079630.2	HSPB8	-0.458587127	3.25E-24
AC079630.2	CCL19	-0.145338619	0.00226774
AC079630.2	KCNIP3	-0.214506237	5.77E-06
AC079630.2	CGNL1	-0.098646976	0.038825429
AC079630.2	ATF3	-0.140412302	0.003196352
AC079630.2	SGCD	-0.428046547	5.50E-21
AC079630.2	STARD13	-0.296408998	2.36E-10
AC079630.2	LDHD	-0.273648736	5.58E-09
AC079630.2	RCAN1	-0.329163975	1.49E-12
AC079630.2	ID3	-0.516118259	2.96E-31
AC079630.2	SYTL3	-0.262272718	2.44E-08
AC079630.2	MT1E	-0.287915228	7.95E-10
AC079630.2	CAMK1D	-0.189499734	6.46E-05
AC079630.2	PRKCQ	-0.338206026	3.30E-13
AC079630.2	NUAK2	-0.515959257	3.11E-31
AC079630.2	LIPG	-0.097667078	0.04081441
AC079630.2	SLC25A25	-0.328542932	1.65E-12
AC079630.2	PRKX	-0.43202727	2.18E-21
AC079630.2	SRPX	-0.2028859	1.84E-05
AC079630.2	FAM189A1	-0.244984266	2.02E-07
AC079630.2	PLEKHH1	-0.221000354	2.94E-06
AC079630.2	WNT11	-0.421658454	2.37E-20
AC079630.2	SNAI1	-0.495873945	1.27E-28
AC079630.2	FDCSP	-0.091065712	0.056577376
AC079630.2	MT1X	-0.320243127	6.31E-12
AC079630.2	ACACB	-0.288590242	7.23E-10
AC079630.2	ARC	-0.029577916	0.53651305
AC079630.2	KLK4	-0.522785173	3.68E-32
AC079630.2	ZFPM2	-0.319387339	7.22E-12
AC079630.2	AKAP12	-0.236200434	5.56E-07
AC079630.2	GJB6	-0.413210131	1.56E-19

AC079630.2	ERO1LB	-0.24607416	1.77E-07
AC079630.2	DNALI1	-0.270531176	8.42E-09
AC079630.2	HKDC1	-0.403761298	1.21E-18
AC079630.2	ZFP36L2	-0.385142392	5.68E-17
AC079630.2	CAPSL	-0.211505425	7.84E-06
AC079630.2	CYP7B1	-0.226485923	1.63E-06
AC079630.2	CPQ	-0.199867132	2.46E-05
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AC079630.2	TLE1	-0.493444944	2.55E-28
AC079630.2	TP53INP2	-0.260989355	2.87E-08
AC079630.2	KATNAL2	-0.342209231	1.66E-13
AC079630.2	SGPP2	-0.299416349	1.52E-10
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AC079630.2	TMEM220	-0.235712294	5.88E-07
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AC079630.2	FBLN7	-0.363583935	3.63E-15
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AC079630.2	ALDH1B1	-0.423137925	1.70E-20
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AC079630.2	OLFM2	-0.248797689	1.28E-07
AC079630.2	TUB	-0.337597464	3.66E-13
AC079630.2	HTRA3	-0.366760783	2.01E-15
AC079630.2	CKB	-0.385720671	5.06E-17
AC079630.2	RGS2	-0.227565818	1.45E-06

AC079630.2	SHANK2	-0.226367629	1.65E-06
AC079630.2	CNTFR	-0.100171109	0.035895148
AC079630.2	CYTH3	-0.306974262	4.94E-11
AC079630.2	PLAC9	-0.281019989	2.07E-09
AC079630.2	WVOX	-0.343742302	1.28E-13
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AC079630.2	SDC2	-0.245879911	1.81E-07
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AC079630.2	LONRF3	0.035051996	0.463831665
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AC079630.2	ARHGAP6	-0.370755832	9.42E-16
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AC079630.2	SFRP1	-0.226383586	1.65E-06
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AC079630.2	TLE4	-0.266883421	1.35E-08
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AC079630.2	PEG3	-0.23825129	4.40E-07
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AC079630.2	PTGDS	-0.164461885	0.000540938
AC079630.2	CHCHD10	-0.466485739	4.19E-25
AC079630.2	CD36	-0.131496915	0.005792496
AC079630.2	ANKRD37	-0.349635446	4.55E-14
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AC079630.2	APOA1	-0.37382908	5.23E-16
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AC079630.2	GAS1	-0.278753607	2.81E-09
AC079630.2	DACT1	-0.299685205	1.46E-10

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AC079630.2	NCS1	-0.458611311	3.23E-24
AC079630.2	SPIRE2	-0.49474235	1.76E-28
AC079630.2	C15orf52	-0.342008528	1.72E-13
AC079630.2	SPAG5	-0.411587642	2.23E-19
AC079630.2	ARL4D	-0.34996962	4.29E-14
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AC079630.2	MAP1LC3A	-0.390015994	2.12E-17
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AC079630.2	TSPAN7	-0.171485348	0.000306733
AC079630.2	KLF9	-0.030653839	0.521789995
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AC079630.2	MAN1A1	-0.164216007	0.000551567
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AC079630.2	RARB	-0.202271239	1.95E-05
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AC079630.2	SDF2L1	-0.271101087	7.81E-09
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AC079630.2	GLUL	-0.206956834	1.24E-05
AC079630.2	FREM2	-0.168317293	0.000397278
AC079630.2	ACKR3	-0.329747574	1.36E-12
AC079630.2	DENND6A	-0.296124539	2.46E-10
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AC079630.2	UTS2R	-0.24932523	1.20E-07
AC079630.2	SCNN1B	-0.421126911	2.67E-20
AC079630.2	TTC30A	-0.316965502	1.06E-11
AC079630.2	CORO2B	-0.172523116	0.000281536
AC079630.2	TC2N	-0.477586588	2.15E-26
AC079630.2	ALDH2	-0.339594988	2.60E-13
AC079630.2	GPR183	-0.035299151	0.460684255
AC079630.2	C4orf47	-0.332550108	8.53E-13
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AC079630.2	LGMN	-0.307511053	4.55E-11
AC079630.2	ACSF2	-0.442384597	1.84E-22
AC079630.2	KIAA1467	-0.312732162	2.05E-11
AC079630.2	PRKG1	-0.100355006	0.035554598
AC079630.2	GNAI1	-0.141265608	0.003014131
AC079630.2	ABCC4	-0.296221841	2.43E-10
AC079630.2	PRPS1	-0.303686921	8.09E-11
AC079630.2	TSPAN5	-0.561086533	8.99E-38
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AC079630.2	RRAD	-0.204551166	1.56E-05
AC079630.2	SCGB2A1	-0.307642184	4.46E-11
AC079630.2	SESN3	-0.219804081	3.33E-06
AC079630.2	SGK223	-0.370940082	9.10E-16
AC079630.2	NDRG2	-0.267185964	1.30E-08
AC079630.2	C3orf52	-0.23767294	4.70E-07
AC079630.2	FLRT3	0.397004281	5.03E-18
AC079630.2	MST1R	0.251418173	9.36E-08
AC079630.2	SDC1	0.140281668	0.003225115
AC079630.2	ST8SIA4	0.217840172	4.09E-06
AC079630.2	UBTD1	0.267580207	1.24E-08
AC079630.2	EPHA2	0.217402172	4.28E-06
AC079630.2	TMEM130	0.415216391	1.00E-19
AC079630.2	SPINK2	0.368460445	1.46E-15
AC079630.2	MMP16	0.288188837	7.65E-10
AC079630.2	SIGLEC15	0.393442196	1.05E-17
AC079630.2	RIN1	0.32891909	1.55E-12
AC079630.2	IL1RN	0.095078651	0.046486219
AC079630.2	FCER1G	0.251364061	9.42E-08
AC079630.2	CD276	0.269833468	9.22E-09
AC079630.2	CTSB	0.349479139	4.68E-14
AC079630.2	FAM171A2	0.46207198	1.32E-24
AC079630.2	ASPHD1	0.333693901	7.05E-13
AC079630.2	C15orf48	0.038650958	0.419193932
AC079630.2	DYSF	0.449027434	3.61E-23
AC079630.2	PDZRN4	0.410497039	2.83E-19
AC079630.2	EFHD2	0.407620394	5.29E-19
AC079630.2	ASF1B	0.239938825	3.63E-07
AC079630.2	AQP1	0.394645775	8.21E-18
AC079630.2	ARRDC2	0.270489759	8.46E-09
AC079630.2	PRSS1	0.349837128	4.39E-14
AC079630.2	MAPK13	0.579950466	8.14E-41
AC079630.2	CST5	0.053641888	0.262064226
AC079630.2	AHR	0.23619476	5.57E-07
AC079630.2	BAX	0.158004858	0.000893678
AC079630.2	C1orf115	0.474437895	5.05E-26
AC079630.2	PLK3	0.296263542	2.41E-10
AC079630.2	JAG2	0.344767446	1.07E-13
AC079630.2	RAD23B	0.485606827	2.35E-27
AC079630.2	CA12	0.369105601	1.29E-15
AC079630.2	ADTRP	0.334103959	6.58E-13
AC079630.2	UCP2	0.240385832	3.45E-07
AC079630.2	IGFBP2	0.102706066	0.031437698
AC079630.2	LOXL2	0.276317374	3.91E-09
AC079630.2	GPX1	0.254707925	6.27E-08
AC079630.2	P3H3	0.316170066	1.20E-11
AC079630.2	C2orf81	0.373389436	5.69E-16
AC079630.2	CDT1	0.21949097	3.44E-06
AC079630.2	SNX25	0.613438966	9.84E-47
AC079630.2	MTHFD1L	0.258136893	4.10E-08
AC079630.2	CDC42BPG	0.319007433	7.67E-12

AC079630.2	MSN	0.468731411	2.32E-25
AC079630.2	SIGLEC6	0.353549903	2.27E-14
AC079630.2	F2R	0.216819141	4.55E-06
AC079630.2	TMEM184A	0.227917934	1.40E-06
AC079630.2	CKS2	0.116110033	0.014929816
AC079630.2	TAX1BP3	0.116937098	0.014224844
AC079630.2	PMEP1	0.228040412	1.38E-06
AC079630.2	CXCL16	0.27588448	4.14E-09
AC079630.2	FAXC	0.313878296	1.71E-11
AC079630.2	VTCN1	0.099801138	0.036588576
AC079630.2	SH2D4A	0.467344576	3.34E-25
AC079630.2	RNF24	0.384235896	6.80E-17
AC079630.2	LY6G6C	0.114127974	0.016745429
AC079630.2	NID1	0.302763759	9.28E-11
AC079630.2	STAC	0.197758547	3.01E-05
AC079630.2	RAB34	0.329057525	1.52E-12
AC079630.2	HES4	0.15360734	0.001244694
AC079630.2	EPA10	0.343140335	1.42E-13
AC079630.2	ENTPD2	0.390365274	1.98E-17
AC079630.2	DDB2	0.258764462	3.79E-08
AC079630.2	NKAIN4	0.283641252	1.44E-09
AC079630.2	TRIM29	0.109075861	0.02227177
AC079630.2	ADCY8	0.351847278	3.07E-14
AC079630.2	SFTA2	0.148753311	0.001776561
AC079630.2	NRIP1	0.410528882	2.81E-19
AC079630.2	VWA1	0.324101514	3.40E-12
AC079630.2	APLNR	0.237932577	4.57E-07
AC079630.2	REN	0.517694959	1.82E-31
AC079630.2	EDIL3	0.397982263	4.10E-18
AC079630.2	AGRN	0.307497224	4.56E-11
AC079630.2	TREM1	0.424894166	1.14E-20
AC079630.2	SRL	0.465267976	5.77E-25
AC079630.2	RASGRF1	0.452848446	1.39E-23
AC079630.2	RMI2	0.223124329	2.34E-06
AC079630.2	SAMD1	0.197401892	3.11E-05
AC079630.2	MGAT4B	0.276544033	3.79E-09
AC079630.2	NXN	0.1647306	0.000529539
AC079630.2	SH3BGRL3	0.169324708	0.000366089
AC079630.2	CA11	0.467413369	3.28E-25
AC079630.2	PLD3	0.552933886	1.62E-36
AC079630.2	LURAP1L	0.233187765	7.81E-07
AC079630.2	CARNS1	0.360975295	5.88E-15
AC079630.2	PDLIM7	0.308024512	4.21E-11
AC079630.2	BCL2L1	0.210044536	9.08E-06
AC079630.2	GGT6	0.315403566	1.35E-11
AC079630.2	DPYSL3	0.310910873	2.71E-11
AC079630.2	FYN	0.41067987	2.72E-19
AC079630.2	TK1	0.15427973	0.001183868
AC079630.2	AK1	0.465619242	5.26E-25
AC079630.2	HIGD1B	0.435457018	9.69E-22
AC079630.2	TMEM59L	0.094363709	0.048164612

AC079630.2	MEGF9	0.416861658	6.97E-20
AC079630.2	ZFP36L1	0.323294235	3.87E-12
AC079630.2	ADRA1B	0.465288969	5.73E-25
AC079630.2	EPHA4	0.306113368	5.62E-11
AC079630.2	TCERG1L	0.30385188	7.89E-11
AC079630.2	NGFR	0.261494658	2.69E-08
AC079630.2	EBI3	0.167080454	0.000438951
AC079630.2	S100A10	0.06369597	0.182818535
AC079630.2	S100B	0.208446644	1.07E-05
AC079630.2	CD44	0.667469502	6.25E-58
AC079630.2	BHLHE41	0.279301675	2.61E-09
AC079630.2	FBXO2	0.369824515	1.12E-15
AC079630.2	SLC30A2	-0.022360417	0.640338599
AC079630.2	FRMD5	0.229276472	1.20E-06
AC079630.2	SAMD11	0.145652063	0.002217962
AC079630.2	SIP1L2	0.493432463	2.56E-28
AC079630.2	S100A16	0.095352117	0.045857336
AC079630.2	PPL	0.163020655	0.000606059
AC079630.2	ARHGD1B	0.345120839	1.00E-13
AC079630.2	CDC42EP3	0.213698674	6.27E-06
AC079630.2	RUNX2	0.484311266	3.37E-27
AC079630.2	LAMC2	0.195768824	3.63E-05
AC079630.2	BRINP1	0.369550268	1.18E-15
AC079630.2	GPRC5B	0.396972083	5.07E-18
AC079630.2	AQP5	0.291656739	4.68E-10
AC079630.2	PLAG1	0.552332133	2.00E-36
AC079630.2	PTPRU	0.103922835	0.029471985
AC079630.2	ANGPTL4	0.171315637	0.000311049
AC079630.2	PALM3	0.152339225	0.001367302
AC079630.2	ACP5	0.231997874	8.91E-07
AC079630.2	DLG4	0.621656362	2.69E-48
AC079630.2	ETNK2	0.449776984	3.00E-23
AC079630.2	CD109	0.372510811	6.74E-16
AC079630.2	SNX22	0.397458096	4.58E-18
AC079630.2	TMEM98	0.230724369	1.03E-06
AC079630.2	CTHRC1	0.083232435	0.08151462
AC079630.2	S100A2	0.030240661	0.527419387
AC079630.2	C11orf80	0.248107144	1.39E-07
AC079630.2	SREBF1	0.39001564	2.12E-17
AC079630.2	PRSS22	0.178902982	0.000164435
AC079630.2	CMTM3	0.183012141	0.000115156
AC079630.2	RDH5	0.418522952	4.81E-20
AC079630.2	MYH10	0.514368386	5.08E-31
AC079630.2	EVPL	0.266355636	1.45E-08
AC079630.2	SCD	0.31745967	9.79E-12
AC079630.2	CD151	0.30143678	1.13E-10
AC079630.2	S100A4	0.224064511	2.12E-06
AC079630.2	BNIP1	0.389450339	2.38E-17
AC079630.2	MAP3K6	0.381849448	1.09E-16
AC079630.2	MANEAL	0.432967098	1.75E-21
AC079630.2	CD207	0.288410949	7.42E-10

AC079630.2	CD1A	0.309366113	3.43E-11
AC079630.2	C3	0.196719928	3.32E-05
AC079630.2	NT5E	0.274379492	5.06E-09
AC079630.2	CACNG4	0.136956978	0.004040986
AC079630.2	FHOD1	0.317736966	9.38E-12
AC079630.2	LEMD1	0.331738361	9.76E-13
AC079630.2	ATP11A	0.638461284	1.22E-51
AC079630.2	PPAP2C	0.212180567	7.32E-06
AC079630.2	DRAM1	0.253197761	7.54E-08
AC079630.2	CDA	0.31139022	2.52E-11
AC079630.2	CCND2	0.507176561	4.52E-30
AC079630.2	LCN6	0.284513078	1.28E-09
AC079630.2	CDH4	0.243856713	2.30E-07
AC079630.2	MMP11	0.230498773	1.05E-06
AC079630.2	B3GAT1	0.250854148	1.00E-07
AC079630.2	SPP1	0.233719946	7.35E-07
AC079630.2	HLA-DQB1	0.148106878	0.001861312
AC079630.2	SDC3	0.393257167	1.09E-17
AC079630.2	CX3CL1	0.266858528	1.36E-08
AC079630.2	SDK1	0.314191903	1.63E-11
AC079630.2	DOCK9	0.489365004	8.16E-28
AC079630.2	CSF2	0.334996695	5.67E-13
AC079630.2	GRHL3	0.340448649	2.25E-13
AC079630.2	TMEM92	0.280327342	2.27E-09
AC079630.2	BASP1	0.19001915	6.16E-05
AC079630.2	HRH1	0.230588132	1.04E-06
AC079630.2	ESM1	0.243248718	2.47E-07
AC079630.2	B4GALNT3	0.150540701	0.00156029
AC079630.2	LMO3	0.533496496	1.17E-33
AC079630.2	C9orf16	0.120267204	0.011673849
AC079630.2	SEMA3F	0.414307768	1.23E-19
AC079630.2	PLA2G12B	0.685834145	2.71E-62
AC079630.2	KLK6	0.214577482	5.73E-06
AC079630.2	ST3GAL5	0.653114643	9.88E-55
AC079630.2	FAM132B	0.350199967	4.12E-14
AC079630.2	CDKN1A	0.139973806	0.003293832
AC079630.2	E2F1	0.237762441	4.66E-07
AC079630.2	B3GNT8	0.36890887	1.34E-15
AC079630.2	MTMR11	0.414744846	1.11E-19
AC079630.2	MYO1G	0.191243863	5.51E-05
AC079630.2	TMSB10	0.154128883	0.001197271
AC079630.2	UNC5CL	0.302427387	9.76E-11
AC079630.2	ABR	0.410711146	2.70E-19
AC079630.2	PLP2	0.306457612	5.34E-11
AC079630.2	SRCIN1	0.457053275	4.80E-24
AC079630.2	PDE9A	0.224819381	1.95E-06
AC079630.2	TREM2	0.242706466	2.63E-07
AC079630.2	KDEL3	0.39396608	9.45E-18
AC079630.2	PC	0.323451109	3.78E-12
AC079630.2	C2CD4A	0.171120111	0.000316091
AC079630.2	PELI1	0.311587873	2.44E-11

AC079630.2	SSX1	0.250390333	1.06E-07
AC079630.2	MROH6	0.328671367	1.62E-12
AC079630.2	ESPN	0.437348092	6.18E-22
AC079630.2	BMP1	0.491445789	4.52E-28
AC079630.2	TM4SF4	0.357592608	1.09E-14
AC079630.2	CORO2A	0.522477772	4.06E-32
AC079630.2	CD164L2	0.371668405	7.92E-16
AC079630.2	CTSS	0.313982902	1.69E-11
AC079630.2	CLU	0.209614124	9.48E-06
AC079630.2	TMSB4X	0.26206393	2.51E-08
AC079630.2	WNT10A	0.163043284	0.000604982
AC079630.2	NAPSA	0.345878475	8.80E-14
AC079630.2	PLEKHA4	0.325255874	2.82E-12
AC079630.2	SFTPA1	0.442876941	1.63E-22
AC079630.2	C1orf116	0.3322526	8.96E-13
AC079630.2	TM4SF1	0.103291721	0.030477997
AC079630.2	SEL1L3	0.193712507	4.39E-05
AC079630.2	VASN	0.267626943	1.23E-08
AC079630.2	NPTXR	0.34494198	1.04E-13
AC079630.2	PDE4C	0.276347585	3.89E-09
AC079630.2	CDC42EP1	0.204633787	1.55E-05
AC079630.2	ENDOD1	0.431027302	2.75E-21
AC079630.2	RYR1	0.457420923	4.37E-24
AC079630.2	IL1RAP	0.466567651	4.10E-25
AC079630.2	SLC35F2	0.353404699	2.33E-14
AC079630.2	ISYNA1	0.431244246	2.61E-21
AC079630.2	HLA-G	0.08090868	0.090423376
AC079630.2	CDKN2B	0.22609317	1.70E-06
AC079630.2	ALDH1A3	0.190606153	5.84E-05
AC079630.2	CLIP3	0.371896505	7.58E-16
AC079630.2	ULBP2	0.377583131	2.53E-16
AC079630.2	ETHE1	0.203093057	1.80E-05
AC079630.2	XPR1	0.444478147	1.11E-22
AC079630.2	SPTBN2	0.300392984	1.32E-10
AC079630.2	IVL	0.373169093	5.94E-16
AC079630.2	MARCO	0.184668329	9.95E-05
AC079630.2	PLXND1	0.419878511	3.54E-20
AC079630.2	EMILIN2	0.472365763	8.81E-26
AC079630.2	PLAUR	0.210934295	8.30E-06
AC079630.2	CDC42EP5	0.175324444	0.000222835
AC079630.2	TRPC5	0.663848138	4.16E-57
AC079630.2	TMEM100	0.385454155	5.33E-17
AC079630.2	QSOX1	0.321929598	4.82E-12
AC079630.2	ARHGAP23	0.378283747	2.20E-16
AC079630.2	MDF1	0.235170751	6.25E-07
AC079630.2	FSTL3	0.079105972	0.0978589
AC079630.2	INF2	0.363077001	3.99E-15
AC079630.2	TGFBR1	0.421486048	2.47E-20
AC079630.2	TGFBI	0.258586595	3.88E-08
AC079630.2	ERBB3	0.222983411	2.38E-06
AC079630.2	CCL18	0.185526883	9.22E-05

AC079630.2	CCL17	0.187288819	7.88E-05
AC079630.2	C16orf45	0.420586999	3.02E-20
AC079630.2	PRDM1	0.543549578	4.10E-35
AC079630.2	TRIM47	0.162824775	0.00061545
AC079630.2	CNFN	0.146112545	0.002146641
AC079630.2	ARMCX3	0.480033531	1.10E-26
AC079630.2	RAMP1	0.28665456	9.49E-10
AC079630.2	GABRD	0.348337686	5.72E-14
AC079630.2	COL13A1	0.575364089	4.67E-40
AC079630.2	S100A5	0.277473719	3.35E-09
AC079630.2	MISP	0.015006965	0.753861307
AC079630.2	HES6	0.370627184	9.66E-16
AC079630.2	PSD3	0.641544731	2.82E-52
AC079630.2	DOK7	0.162021112	0.000655413
AC079630.2	ZMAT3	0.390156344	2.06E-17
AC079630.2	MFAP2	0.275145354	4.57E-09
AC079630.2	TMEM79	0.391261202	1.65E-17
AC079630.2	SLC1A5	0.241795148	2.93E-07
AC079630.2	BBC3	0.197226862	3.16E-05
AC079630.2	HLA-DQB2	0.185296961	9.41E-05
AC079630.2	C1QL1	0.319098837	7.56E-12
AC079630.2	TMEM215	0.528738864	5.50E-33
AC079630.2	PNP	0.227384618	1.48E-06
AC079630.2	ARNTL	0.326970996	2.14E-12
AC079630.2	CLDN2	0.452121677	1.67E-23
AC079630.2	MVP	0.309869559	3.18E-11
AC079630.2	LGALS1	0.189590937	6.41E-05
AC079630.2	BIRC7	0.352302915	2.83E-14
AC079630.2	COL8A1	0.518547969	1.39E-31
AC079630.2	PERP	0.181070501	0.000136399
AC079630.2	GJA4	0.363606203	3.62E-15
AC079630.2	IGFL2	0.303639184	8.15E-11
AC079630.2	DAPK2	0.267355959	1.27E-08
AC079630.2	MAMLD1	0.394789529	7.97E-18
AC079630.2	ETV5	0.693084779	4.16E-64
AC079630.2	RUNX1	0.241029073	3.20E-07
AC079630.2	LONRF2	0.487649953	1.32E-27
AC079630.2	SPOCK1	0.413230214	1.56E-19
AC079630.2	XKRX	0.53841265	2.31E-34
AC079630.2	TGFB1	0.389693948	2.27E-17
AC079630.2	ERP27	0.158694127	0.000847796
AC079630.2	TNFRSF10C	0.438873433	4.29E-22
AC079630.2	PALM	0.172585667	0.000280081
AC079630.2	TSC22D1	0.515930464	3.14E-31
AC079630.2	TGM2	0.17670057	0.000198394
AC079630.2	UBE2QL1	0.528094471	6.77E-33
AC079630.2	ECE1	0.436426278	7.70E-22
AC079630.2	COL8A2	0.281789822	1.86E-09
AC079630.2	HIST3H2A	0.151274294	0.001478738
AC079630.2	TNFRSF21	0.234052772	7.09E-07
AC079630.2	SOX4	0.192738354	4.80E-05

AC079630.2	ELF3	0.121951689	0.010544616
AC079630.2	TPD52L1	0.362503118	4.44E-15
AC079630.2	INHBB	0.336293676	4.56E-13
AC079630.2	HPN	0.415182633	1.01E-19
AC079630.2	MMP7	0.113329212	0.017530036
AC079630.2	RAB27A	0.57955055	9.49E-41
AC079630.2	IGF2BP2	0.511776909	1.12E-30
AC079630.2	ITGB4	0.261694226	2.63E-08
AC079630.2	PPP1R1B	0.443682641	1.34E-22
AC079630.2	NPDC1	0.375889994	3.51E-16
AC079630.2	CCL13	0.293842518	3.42E-10
AC079630.2	SPINT1	0.29294457	3.89E-10
AC079630.2	HEY2	0.624558467	7.37E-49
AC079630.2	CST2	0.041450717	0.386278955
AC079630.2	ADM	0.514470865	4.93E-31
AC079630.2	VSTM2L	0.153790313	0.001227863
AC079630.2	FAM84A	0.336358638	4.51E-13
AC079630.2	P4HA2	0.513951308	5.78E-31
AC079630.2	LPL	0.478365216	1.74E-26
AC079630.2	TMEM173	0.464112411	7.80E-25
AC079630.2	DHRS3	0.357714194	1.07E-14
AC079630.2	SCN1B	0.407613302	5.30E-19
AC079630.2	GLT1D1	0.646913778	2.11E-53
AC079630.2	PHYHIP	0.485623139	2.34E-27
AC079630.2	BHLHE40	0.360115535	6.89E-15
AC079630.2	BID	0.310724922	2.79E-11
AC079630.2	POSTN	0.14293754	0.002684211
AC079630.2	ITGA3	0.282765252	1.63E-09
AC079630.2	RSP04	0.233641509	7.42E-07
AC079630.2	ADAMTS9	0.699675206	8.40E-66
AC079630.2	ABTB2	0.326209177	2.42E-12
AC079630.2	KCNQ3	0.331566522	1.00E-12
AC079630.2	ANXA1	0.365166295	2.70E-15
AC079630.2	S100A11	0.243842529	2.31E-07
AC079630.2	CEACAM6	0.182633427	0.000119039
AC079630.2	IER5L	0.261213106	2.79E-08
AC079630.2	KRT80	0.165739858	0.000488691
AC079630.2	CDH6	0.24720774	1.55E-07
AC079630.2	UNC5B	0.344607026	1.10E-13
AC079630.2	PLEKHN1	0.332632517	8.41E-13
AC079630.2	SYTL1	0.322920913	4.11E-12
AC079630.2	TMEM163	0.215346068	5.30E-06
AC079630.2	C4orf48	0.308188478	4.11E-11
AC079630.2	B3GNT7	0.56490485	2.26E-38
AC079630.2	BAIAP3	0.379456688	1.75E-16
AC079630.2	PHLDA2	0.314001058	1.68E-11
AC079630.2	GAP43	0.270734733	8.20E-09
AC079630.2	S100A1	0.245631621	1.87E-07
AC079630.2	PTPRE	0.426337524	8.15E-21
AC079630.2	CCND1	0.437919067	5.40E-22
AC079630.2	ST6GALNAC5	0.148267404	0.001839927

AC079630.2	KRT17	0.216561206	4.67E-06
AC079630.2	HPCAL4	0.59786443	6.79E-44
AC079630.2	GABBR2	0.491823223	4.06E-28
AC079630.2	DIRAS3	0.548634237	7.21E-36
AC079630.2	SERINC2	0.279328412	2.60E-09
AC079630.2	PTCHD4	0.373867364	5.19E-16
AC079630.2	EPS8	0.622328681	2.00E-48
AC079630.2	LY6E	0.263358782	2.13E-08
AC079630.2	UPP1	0.212631119	6.99E-06
AC079630.2	AHNAK2	0.249405117	1.19E-07
AC079630.2	PLXNC1	0.526188078	1.25E-32
AC079630.2	TNC	0.185627518	9.14E-05
AC079630.2	DUSP4	0.546216371	1.66E-35
AC079630.2	NRCAM	0.517776575	1.77E-31
AC079630.2	NRP2	0.576192147	3.41E-40
AC079630.2	CTSC	0.424428365	1.26E-20
AC079630.2	AMIG02	0.531076857	2.58E-33
AC079630.2	NAB2	0.39553837	6.83E-18
AC079630.2	TBC1D2	0.237856906	4.61E-07
AC079630.2	PHLDA3	0.189984967	6.18E-05
AC079630.2	PTP4A3	0.327330701	2.01E-12
AC079630.2	CRABP2	0.392952354	1.16E-17
AC079630.2	GOS2	0.385838327	4.94E-17
AC079630.2	S100A6	0.17243241	0.000283659
AC079630.2	FOXQ1	0.245852323	1.82E-07
AC079630.2	LRG1	0.369487504	1.20E-15
AC079630.2	LAMP5	0.207358665	1.19E-05
AC079630.2	ALDH3B1	0.211828947	7.59E-06
AC079630.2	CDH2	0.414232097	1.25E-19
AC079630.2	SCG5	0.523058533	3.38E-32
AC079630.2	ZCCHC16	0.661055683	1.77E-56
AC079630.2	GRB7	0.255173229	5.92E-08
AC079630.2	TIAM1	0.394111962	9.17E-18
AC079630.2	FXD5	0.410405198	2.89E-19
AC079630.2	CLDN9	0.199060278	2.66E-05
AC079630.2	FAM43A	0.347680119	6.42E-14
AC079630.2	CHST2	0.399475832	3.00E-18
AC079630.2	HMGA2	0.582151318	3.49E-41
AC079630.2	GALNT7	0.662612282	7.91E-57
AC079630.2	CBLN1	0.234414959	6.80E-07
AC079630.2	STRA6	0.299919524	1.41E-10
AC079630.2	MUC21	0.392738897	1.22E-17
AC079630.2	PRR36	0.417255758	6.38E-20
AC079630.2	NFE2L3	0.300264123	1.34E-10
AC079630.2	NR1D1	0.246485707	1.69E-07
AC079630.2	MUC1	0.111728329	0.019199736
AC079630.2	NAT8L	0.564371817	2.74E-38
AC079630.2	APOC1	0.354710957	1.84E-14
AC079630.2	EVA1A	0.18971767	6.33E-05
AC079630.2	ENTPD1	0.530657296	2.96E-33
AC079630.2	COL1A1	0.197014245	3.23E-05

AC079630.2	FNDC4	0.328843064	1.57E-12
AC079630.2	FRMD3	0.671064138	9.25E-59
AC079630.2	SHROOM4	0.565082929	2.12E-38
AC079630.2	NELL2	0.512278099	9.65E-31
AC079630.2	EPHB3	0.326257757	2.40E-12
AC079630.2	TMC6	0.388845464	2.69E-17
AC079630.2	NOD1	0.459563762	2.53E-24
AC079630.2	GGCT	0.369802813	1.13E-15
AC079630.2	ICAM1	0.416451103	7.63E-20
AC079630.2	PRSS23	0.47574686	3.54E-26
AC079630.2	CFI	0.443055781	1.56E-22
AC079630.2	CD55	0.208824008	1.03E-05
AC079630.2	RASD2	0.315691216	1.29E-11
AC079630.2	KLK11	0.302587433	9.53E-11
AC079630.2	ICAM5	0.413793387	1.38E-19
AC079630.2	ADORA1	0.43011726	3.40E-21
AC079630.2	ITGA2	0.295105281	2.85E-10
AC079630.2	ABCC3	0.465119471	5.99E-25
AC079630.2	MFGE8	0.35281116	2.59E-14
AC079630.2	STK32A	0.535847768	5.40E-34
AC079630.2	CYSLTR2	0.47059121	1.41E-25
AC079630.2	LAD1	0.325043257	2.92E-12
AC079630.2	MGAT3	0.118365279	0.01307621
AC079630.2	IGFBP6	0.399727456	2.85E-18
AC079630.2	CYP2S1	0.143582201	0.002566042
AC079630.2	KCNJ2	0.585273203	1.04E-41
AC079630.2	FAM20A	0.470917015	1.30E-25
AC079630.2	TGFA	0.683951668	7.84E-62
AC079630.2	MXRA8	0.212649204	6.98E-06
AC079630.2	C8orf4	0.348608316	5.46E-14
AC079630.2	CLDN10	0.325096377	2.90E-12
AC079630.2	PDE5A	0.522992861	3.45E-32
AC079630.2	APOE	0.393049939	1.14E-17
AC079630.2	SPOCK2	0.120196994	0.011723154
AC079630.2	TENM1	0.740041144	2.69E-77
AC079630.2	SLIT1	0.69897303	1.28E-65
AC079630.2	CXCL14	0.174718294	0.000234471
AC079630.2	ECM1	0.606384653	1.99E-45
AC079630.2	DUSP5	0.242508884	2.69E-07
AC079630.2	SEZ6L2	0.383937891	7.22E-17
AC079630.2	THRSP	0.486026743	2.09E-27
AC079630.2	C19orf33	0.083753553	0.079617542
AC079630.2	MPZL2	0.56151354	7.71E-38
AC079630.2	CTSH	0.406229871	7.14E-19
AC079630.2	CYP1B1	0.447673576	5.05E-23
AC079630.2	ALOX5	0.191191666	5.54E-05
AC079630.2	SYTL5	0.435385015	9.86E-22
AC079630.2	TNFRSF12A	0.261989677	2.53E-08
AC079630.2	DUSP6	0.40463439	1.01E-18
AC079630.2	ALOX15B	0.272204172	6.76E-09
AC079630.2	SDC4	0.446587228	6.59E-23

AC079630.2	MDK	0.362538153	4.41E-15
AC079630.2	KRT19	0.098615204	0.038888608
AC079630.2	MET	0.448564541	4.05E-23
AC079630.2	TESC	0.558784975	2.05E-37
AC079630.2	CXCL17	0.228431117	1.32E-06
AC079630.2	NPC2	0.492679508	3.18E-28
AC079630.2	COMP	0.219989607	3.27E-06
AC079630.2	TUSC3	0.4957248	1.32E-28
AC079630.2	TMPRSS4	0.254327015	6.57E-08
AC079630.2	LGALS3	0.267373405	1.27E-08
AC079630.2	CRLF1	0.093499482	0.05026091
AC079630.2	CTXN1	0.206283735	1.32E-05
AC079630.2	PCSK1N	0.284856178	1.22E-09
AC079630.2	NMU	0.196324082	3.44E-05
AC079630.2	GALE	0.422061491	2.16E-20
AC079630.2	PCSK2	0.404554747	1.02E-18
AC079630.2	GJB3	0.378379134	2.16E-16
AC079630.2	SLPI	0.117153545	0.014045251
AC079630.2	AGR2	0.322871057	4.15E-12
AC079630.2	MRC2	0.31779278	9.29E-12
AC079630.2	GOLT1A	0.498426487	6.03E-29
AC079630.2	SLC27A6	0.250006915	1.11E-07
AC079630.2	KCNN4	0.239920173	3.64E-07
AC079630.2	ETV4	0.331663269	9.88E-13
AC079630.2	SYT12	0.375020234	4.16E-16
AC079630.2	PVRL4	0.302138673	1.02E-10
AC079630.2	PLCD3	0.254454033	6.47E-08
AC079630.2	PLAU	0.363915768	3.41E-15
AC079630.2	LRRK2	0.911631666	7.48E-171
AC079630.2	SFN	0.182934626	0.000115941
AC079630.2	LPAR5	0.492578944	3.27E-28
AC079630.2	NGEF	0.261373314	2.73E-08
AC079630.2	DTX4	0.303626923	8.16E-11
AC079630.2	CST6	0.274582465	4.93E-09
AC079630.2	QPCT	0.569960858	3.52E-39
AC079630.2	TIMP1	0.373162067	5.95E-16
AC079630.2	CAMK2N1	0.457576521	4.20E-24
AC079630.2	KLHDC8A	0.549711082	4.97E-36
AC079630.2	PDLIM4	0.233399886	7.62E-07
AC079630.2	SCEL	0.423000964	1.75E-20
AC079630.2	LCN2	0.158505055	0.00086016
AC079630.2	PROS1	0.383620809	7.69E-17
AC079630.2	GABRB2	0.482956841	4.92E-27
AC079630.2	TMPRSS6	0.226092957	1.70E-06
AC079630.2	KLK7	0.208352734	1.08E-05
AC079630.2	PDZK1IP1	0.391403609	1.60E-17
AC079630.2	CDH3	0.444752394	1.03E-22
AC079630.2	LRP4	0.720629923	1.62E-71
AC079630.2	IGSF1	0.426005052	8.80E-21
AC079630.2	B3GNT3	0.161059512	0.000706386
AC079630.2	CLDN1	0.380973022	1.30E-16

AC079630.2	GDF15	0.203820764	1.68E-05
AC079630.2	ARHGAP36	0.425625953	9.60E-21
AC079630.2	LAMB3	0.328199184	1.75E-12
AC079630.2	KLK10	0.26326758	2.15E-08
AC079630.2	DPP4	0.455780125	6.64E-24
AC079630.2	METTL7B	0.482279416	5.93E-27
AC079630.2	LIPH	0.479167885	1.40E-26
AC079630.2	CLDN16	0.399579801	2.94E-18
AC079630.2	CHI3L1	0.396583939	5.49E-18
AC079630.2	SLC22A31	0.492254022	3.59E-28
AC079630.2	TACSTD2	0.248977684	1.26E-07
AC079630.2	SFTPB	0.206902438	1.24E-05
AC079630.2	RXRG	0.640041162	5.77E-52
AC079630.2	DCSTAMP	0.300022588	1.39E-10
AC079630.2	CITED1	0.515328994	3.78E-31
AC079630.2	SERPINA1	0.360315671	6.64E-15
AC079630.2	PRR15	0.557822169	2.89E-37
AC079630.2	SLC34A2	0.265785797	1.56E-08
AC079630.2	FN1	0.288138696	7.70E-10
AC079630.2	ZCCHC12	0.626124162	3.64E-49

Supplementary Table S7 Functional enrichment analysis of diagnostic signature lncRNAs

ONTOL OGY	ID	Description	GeneRatio	BgRatio	pvalue	p.adjust	qvalue	geneID	Count
BP	GO:0050890	cognition	16/255	296/18670	3.35E-06	0.011133408	0.009847948	ADCY8/RASGRF1/BRINP1/ITGA3/SHROOM4/TUSC3/RIN1/C1QL1/PPP1R1B/STRA6/APOE/MDK/KIT/DGKI/KCNK2/ADORA1	16
BP	GO:0046688	response to copper ion	6/255	42/18670	2.13E-05	0.015198194	0.013443416	MT1G/MT1H/MT1F/SOD3/MT1M/MAP1LC3A	6
BP	GO:0031346	positive regulation of cell projection organization	17/255	383/18670	2.22E-05	0.015198194	0.013443416	GPM6A/TGFBR1/ITGA3/EPS8/PLXNC1/FN1/NGFR/ESPN/CDC42EP1/CDC42EP5/TRPC5/PALM/APOE/TNFRSF12A/MDK/KIT/SCN1B	17
BP	GO:0071280	cellular response to copper ion	5/255	27/18670	2.89E-05	0.015198194	0.013443416	MT1G/MT1H/MT1F/MT1M/MAP1LC3A	5
BP	GO:0120032	regulation of plasma membrane bounded cell projection assembly	11/255	175/18670	2.97E-05	0.015198194	0.013443416	RAP1GAP/GPM6A/TGFBR1/GAP43/EPS8/TACSTD2/ESPN/CDC42EP1/CDC42EP5/PALM/KIT	11
BP	GO:0007613	memory	9/255	117/18670	3.29E-05	0.015198194	0.013443416	ADCY8/RASGRF1/BRINP1/ITGA3/RIN1/PPP1R1B/APOE/MDK/KCNK2	9
BP	GO:0060491	regulation of cell projection assembly	11/255	177/18670	3.30E-05	0.015198194	0.013443416	RAP1GAP/GPM6A/TGFBR1/GAP43/EPS8/TACSTD2/ESPN/CDC42EP1/CDC42EP5/PALM/KIT	11
BP	GO:0010273	detoxification of copper ion	4/255	15/18670	4.12E-05	0.015198194	0.013443416	MT1G/MT1H/MT1F/MT1M	4
BP	GO:1990169	stress response to copper ion	4/255	15/18670	4.12E-05	0.015198194	0.013443416	MT1G/MT1H/MT1F/MT1M	4
BP	GO:0050808	synapse organization	17/255	408/18670	4.91E-05	0.016195028	0.014325156	GPM6A/FLRT1/CHCHD10/MYH10/IL1RAP/SPTBN2/ITGA3/GAP43/NRCAM/NRP2/GABRB2/SDK1/C1QL1/PALM/AMIGO2/APOE/SRCIN1	17
BP	GO:0007611	learning or memory	13/255	256/18670	5.37E-05	0.016195028	0.014325156	ADCY8/RASGRF1/BRINP1/ITGA3/RIN1/C1QL1/PPP1R1B/STRA6/APOE/MDK/KIT/DGKI/KCNK2	13
BP	GO:0120034	positive regulation of plasma membrane bounded cell projection assembly	8/255	100/18670	6.84E-05	0.016672523	0.014747519	GPM6A/TGFBR1/EPS8/ESPN/CDC42EP1/CDC42EP5/PALM/KIT	8
BP	GO:0061687	detoxification of inorganic compound	4/255	17/18670	7.03E-05	0.016672523	0.014747519	MT1G/MT1H/MT1F/MT1M	4
BP	GO:0097501	stress response to metal ion	4/255	17/18670	7.03E-05	0.016672523	0.014747519	MT1G/MT1H/MT1F/MT1M	4
BP	GO:0007409	axonogenesis	18/255	468/18670	8.25E-05	0.018254727	0.016147043	MATN2/RAP1GAP/EPHA10/MYH10/SPTBN2/GAP43/PLXNC1/NRCAM/NRP2/FN1/NCAM1/NGFR/TRPC5/GRB7/APOE/TNFRSF12A/SEMA3D/SCN1B	18
BP	GO:0098754	detoxification	9/255	137/18670	0.000112623	0.021940285	0.019407067	TPO/MT1G/MT1H/MT1F/SOD3/MT1M/GSTM3/MARC2/APOE	9
BP	GO:0007411	axon guidance	13/255	276/18670	0.000114777	0.021940285	0.019407067	MATN2/RAP1GAP/EPHA10/MYH10/SPTBN2/GAP43/PLXNC1/NRCAM/NRP2/NCAM1/GRB7/SEMA3D/SCN1B	13
BP	GO:0097485	neuron projection guidance	13/255	277/18670	0.000118989	0.021940285	0.019407067	MATN2/RAP1GAP/EPHA10/MYH10/SPTBN2/GAP43/PLXNC1/NRCAM/NRP2/NCAM1/GRB7/SEMA3D/SCN1B	13

BP	GO:0022604	regulation of cell morphogenesis	18/255	484/18670	0.00012582	0.021978742	0.019441085	MYH10/EPS8/PLXNC1/NRCAM/TACSTD2/FN1/NGFR/CDC42EP1/CD42EP5/TRPC5/PALM/ANXA1/APOE/TNFRSF12A/MDK/SEMA3D/KIT/SRCIN1	18
BP	GO:0071526	semaphorin-plexin signaling pathway	5/255	40/18670	0.000203483	0.033768041	0.029869195	PLXNC1/NRP2/MET/NCAM1/SEMA3D	5
BP	GO:0008360	regulation of cell shape	9/255	150/18670	0.000223718	0.035358158	0.031275718	MYH10/EPS8/PLXNC1/FN1/CDC42EP1/CDC42EP5/PALM/ANXA1/KIT	9
BP	GO:0071294	cellular response to zinc ion	4/255	23/18670	0.00024532	0.037009907	0.032736757	MT1G/MT1H/MT1F/MT1M	4
BP	GO:0051489	regulation of filopodium assembly	5/255	44/18670	0.000321248	0.045437104	0.040190952	GPM6A/TGFBR1/GAP43/ESPN/PALM	5
BP	GO:0042391	regulation of membrane potential	16/255	434/18670	0.00032856	0.045437104	0.040190952	FHL1/GRIN2C/SNTA1/SLC25A33/CHCHD10/KCNQ1/KCNQ3/NRCAM/GABRB2/TRPC5/BID/DGKI/KCNK2/SCN1B/ADORA1/KCNJ2	16
CC	GO:0062023	collagen-containing extracellular matrix	22/267	406/19717	3.94E-08	8.14E-06	6.38E-06	MATN2/COL23A1/SOD3/CDON/SDC3/CLU/COL8A1/COL8A2/MFGE8/TIMP1/SERPINA1/FN1/NCAM1/ENTPD2/CD151/ANXA1/APOE/CTSH/MDK/FMOD/CTSC/LGALS3	22
CC	GO:0016323	basolateral plasma membrane	16/267	217/19717	4.72E-08	8.14E-06	6.38E-06	CDH16/SLC26A7/SLC4A4/KCNQ1/ADCY8/ERBB3/ITGA3/SHROOM4/NOD1/MET/TACSTD2/PALM/ANXA1/CA11/ADORA1/TGFA	16
CC	GO:0043025	neuronal cell body	21/267	497/19717	4.55E-06	0.000455308	0.000357023	PPARGC1A/GPM6A/FLRT1/CKB/ADCY8/BRINP1/MYH10/NPTXR/SP	21
CC	GO:0005788	endoplasmic reticulum lumen	16/267	309/19717	5.28E-06	0.000455308	0.000357023	TBN2/CAMK2N1/RIN1/TRPC5/PPP1R1B/APOE/DGKI/KCNK2/RGS8/SRCIN1/SCN1B/ADORA1/KCNJ2	16
CC	GO:0150034	distal axon	13/267	285/19717	0.000146197	0.010087587	0.007910023	COL23A1/WFS1/CLU/QSOX1/COL8A1/COL8A2/MFGE8/MXRA8/TIMP1/SERPINA1/FN1/RDH5/APOE/HYOU1/P4HA2/CTSC	13
CC	GO:0031091	platelet alpha granule	7/267	91/19717	0.000237162	0.013337847	0.010458663	GPM6A/KCNIP3/NDRG2/RASGRF1/MYH10/NPTXR/ITGA3/GAP43/EPS8/TRPC5/DGKI/KCNK2/ADORA1	7
CC	GO:0031093	platelet alpha granule lumen	6/267	67/19717	0.000291328	0.013337847	0.010458663	CLU/QSOX1/TIMP1/PROS1/SERPINA1/FN1	6
CC	GO:0005604	basement membrane	7/267	95/19717	0.000309283	0.013337847	0.010458663	CLU/QSOX1/TIMP1/PROS1/SERPINA1/FN1	6
CC	GO:0016324	apical plasma membrane	13/267	318/19717	0.000421912	0.01472814	0.011548839	MATN2/COL8A1/COL8A2/TIMP1/FN1/ENTPD2/CD151	7
CC	GO:0019897	extrinsic component of plasma membrane	9/267	165/19717	0.000426903	0.01472814	0.011548839	SLC26A4/SLC5A8/SLC29A4/ADCY8/SPTBN2/ERBB3/SHROOM4/NOD1/FN1/ANXA1/SORBS2/KCNK2/RAB27A	13
CC	GO:0030175	filopodium	7/267	104/19717	0.000536426	0.0159076	0.012473694	GNA14/SYTL3/STAC/MFGE8/CDH3/PLEKHA4/ANXA1/DGKI/RGS8	9
CC	GO:0030426	growth cone	9/267	171/19717	0.000553308	0.0159076	0.012473694	IQGAP2/GPM6A/NPTXR/ITGA3/GAP43/PALM/SRCIN1	7
CC	GO:0030427	site of polarized growth	9/267	176/19717	0.000680729	0.018065512	0.014165786	GPM6A/NDRG2/RASGRF1/MYH10/NPTXR/ITGA3/GAP43/EPS8/TRPC5	9
CC	GO:0045177	apical part of cell	14/267	384/19717	0.000794732	0.018626313	0.01460553	GPM6A/NDRG2/RASGRF1/MYH10/NPTXR/ITGA3/GAP43/EPS8/TRPC5	9
CC	GO:0097060	synaptic membrane	15/267	432/19717	0.00085694	0.018626313	0.01460553	SLC26A4/SLC5A8/SLC29A4/ADCY8/SPTBN2/ERBB3/SHROOM4/NOD1/FN1/ANXA1/SORBS2/KCNK2/REN/RAB27A	14
								GRIN2C/GPM6A/ADCY8/PSD3/ITGA3/NRCAM/NRP2/CAMK2N1/PDLIM4/GABRB2/PALM/ANXA1/DGKI/SRCIN1/ADORA1	15

CC	GO:0034702	ion channel complex	12/267	301/19717	0.000868264	0.018626313	0.01460553	CLCNKB/GRIN2C/CLCNKA/KCNIP3/KCNQ1/KCNQ3/EP8/GABRB2/TRPC5/KCNK2/SCN1B/KCNJ2	12
CC	GO:0099572	postsynaptic specialization	13/267	348/19717	0.000973801	0.018626313	0.01460553	GRIN2C/ADCY8/PSD3/GAP43/EP8/NRCAM/CAMK2N1/GABRB2/PALM/ITPR1/DGKI/SRCIN1/ADORA1	13
CC	GO:0098978	glutamatergic synapse	13/267	349/19717	0.000999516	0.018626313	0.01460553	GRIN2C/GPM6A/ADCY8/MYH10/NPTXR/IL1RAP/SPTBN2/EP8/NRCAM/NRP2/PPP1R1B/APOE/DGKI	13
CC	GO:0098984	neuron to neuron synapse	13/267	350/19717	0.001025797	0.018626313	0.01460553	GRIN2C/ADCY8/PSD3/GAP43/EP8/NRCAM/SYT12/CAMK2N1/PALM/ITPR1/DGKI/SRCIN1/ADORA1	13
CC	GO:0009925	basal plasma membrane	4/267	34/19717	0.001107517	0.019104671	0.014980627	ERBB3/SHROOM4/MET/TACSTD2	4
CC	GO:0009898	cytoplasmic side of plasma membrane	8/267	154/19717	0.001212773	0.019924132	0.015623195	GNA14/STAC/NPTXR/SHROOM4/PLEKHA4/PALM/KIT/RGS8	8
CC	GO:0034774	secretory granule lumen	12/267	321/19717	0.001503482	0.021424951	0.016800038	CLU/QSOX1/TIMP1/PROS1/SERPINA1/FN1/CTSH/QPCT/RAB27A/CTSC/NPC2/CHI3L1	12
CC	GO:0014069	postsynaptic density	12/267	324/19717	0.001625563	0.021424951	0.016800038	GRIN2C/ADCY8/PSD3/GAP43/EP8/NRCAM/CAMK2N1/PALM/ITPR1/DGKI/SRCIN1/ADORA1	12
CC	GO:1902495	transmembrane transporter complex	12/267	324/19717	0.001625563	0.021424951	0.016800038	CLCNKB/GRIN2C/CLCNKA/KCNIP3/KCNQ1/KCNQ3/EP8/GABRB2/TRPC5/KCNK2/SCN1B/KCNJ2	12
CC	GO:0005793	endoplasmic reticulum-Golgi intermediate compartment	7/267	126/19717	0.001658964	0.021424951	0.016800038	COPZ2/DCSTAMP/SERPINA1/FN1/MGAT4B/CTSC/TGFA	7
CC	GO:0060205	cytoplasmic vesicle lumen	12/267	325/19717	0.001668027	0.021424951	0.016800038	CLU/QSOX1/TIMP1/PROS1/SERPINA1/FN1/CTSH/QPCT/RAB27A/CTSC/NPC2/CHI3L1	12
CC	GO:0031527	filopodium membrane	3/267	18/19717	0.001723498	0.021424951	0.016800038	ITGA3/GAP43/PALM	3
CC	GO:0031983	vesicle lumen	12/267	327/19717	0.0017557	0.021424951	0.016800038	CLU/QSOX1/TIMP1/PROS1/SERPINA1/FN1/CTSH/QPCT/RAB27A/CTSC/NPC2/CHI3L1	12
CC	GO:0032279	asymmetric synapse	12/267	328/19717	0.001800938	0.021424951	0.016800038	GRIN2C/ADCY8/PSD3/GAP43/EP8/NRCAM/CAMK2N1/PALM/ITPR1/DGKI/SRCIN1/ADORA1	12
CC	GO:1990351	transporter complex	12/267	332/19717	0.001991583	0.022903201	0.017959184	CLCNKB/GRIN2C/CLCNKA/KCNIP3/KCNQ1/KCNQ3/EP8/GABRB2/TRPC5/KCNK2/SCN1B/KCNJ2	12
CC	GO:0098858	actin-based cell projection	9/267	208/19717	0.002179265	0.024253109	0.019017693	IQGAP2/GPM6A/NPTXR/ITGA3/GAP43/EP8/ESPN/PALM/SRCIN1	9
CC	GO:0033116	endoplasmic reticulum-Golgi intermediate compartment	5/267	71/19717	0.002758268	0.029737579	0.023318254	COPZ2/DCSTAMP/SERPINA1/CTSC/TGFA	5
CC	GO:0098562	membrane cytoplasmic side of	8/267	178/19717	0.003006071	0.031427111	0.024643074	GNA14/STAC/NPTXR/SHROOM4/PLEKHA4/PALM/KIT/RGS8	8
CC	GO:0034703	cation channel complex	9/267	220/19717	0.003171723	0.032183662	0.025236312	GRIN2C/KCNIP3/KCNQ1/KCNQ3/EP8/TRPC5/KCNK2/SCN1B/KCNJ2	9
CC	GO:0060076	excitatory synapse	4/267	50/19717	0.004645076	0.045359923	0.035568269	ADCY8/SPTBN2/ITGA3/DGKI	4
CC	GO:0045211	postsynaptic membrane	11/267	323/19717	0.004733209	0.045359923	0.035568269	GRIN2C/ADCY8/PSD3/NRCAM/NRP2/CAMK2N1/PDLIM4/GABRB2/DGKI/SRCIN1/ADORA1	11

CC	GO:0045178	basal part of cell	4/267	51/19717	0.004987677	0.046506714	0.036467507	ERBB3/SHROOM4/MET/TACSTD2	4
MF	GO:1901681	sulfur compound binding	14/255	250/17696	1.68E-05	0.008853197	0.007922166	SOD3/OGDHL/GSTM3/PGF/ACACB/FBLN7/NRP2/FN1/PC/RSPO4/NELL2/APOE/MDK/LIPH	14
MF	GO:0008201	heparin binding	10/255	169/17696	0.000174137	0.033729711	0.030182584	SOD3/PGF/FBLN7/NRP2/FN1/RSPO4/NELL2/APOE/MDK/LIPH	10
MF	GO:0022803	passive transmembrane transporter activity	18/255	475/17696	0.00019201	0.033729711	0.030182584	SLC26A7/SLC5A8/CLCNKB/GRIN2C/GPM6A/CLCNKA/KCNIP3/KCNQ1/KCNQ3/GJB3/GABRB2/SLC24A3/TRPC5/ITPR1/KCNK2/SCN1B/TMC6/KCNJ2	18
MF	GO:0005543	phospholipid binding	16/255	427/17696	0.000491136	0.039526962	0.035370177	IQGAP2/SYTL3/MAP1LC3A/KCNQ1/SPTBN2/GAP43/MFGE8/SYT12/PLEKHA4/ANXA1/BAIAP3/GRB7/APOE/ITPR1/PLA2G7/KCNJ2	16
MF	GO:0005539	glycosaminoglycan binding	11/255	229/17696	0.000506409	0.039526962	0.035370177	SOD3/PGF/FBLN7/NRP2/NOD1/FN1/RSPO4/NELL2/APOE/MDK/LIPH	11
MF	GO:0015267	channel activity	17/255	474/17696	0.000541396	0.039526962	0.035370177	SLC26A7/CLCNKB/GRIN2C/GPM6A/CLCNKA/KCNIP3/KCNQ1/KCNQ3/GJB3/GABRB2/SLC24A3/TRPC5/ITPR1/KCNK2/SCN1B/TMC6/KCNJ2	17
MF	GO:0017154	semaphorin receptor activity	3/255	12/17696	0.000590884	0.039526962	0.035370177	PLXNC1/NRP2/MET	3
MF	GO:0005216	ion channel activity	16/255	435/17696	0.00060003	0.039526962	0.035370177	SLC26A7/CLCNKB/GRIN2C/GPM6A/CLCNKA/KCNIP3/KCNQ1/KCNQ3/GABRB2/SLC24A3/TRPC5/ITPR1/KCNK2/SCN1B/TMC6/KCNJ2	16
MF	GO:0019838	growth factor binding	8/255	137/17696	0.000842212	0.049316166	0.044129916	IGFBPL1/TGFBR1/ERBB3/NRP2/NGFR/CD109/VASN/IGFBP6	8