

Supplementary materials

Table S1. the 52 pyroptosis-associated genes

AIM2
BAK1
BAX
CASP1
CASP3
CASP4
CASP5
CASP6
CASP8
CASP9
CHMP2A
CHMP2B
CHMP3
CHMP4A
CHMP4B
CHMP4C
CHMP6
CHMP7
CYCS
ELANE
GPX4
GSDMA
GSDMB
GSDMC
GSDMD
GSDME
GZMA
GZMB
HMGB1
IL18
IL1A
IL1B
IL6
IRF1
IRF2
NLRC4
NLRP1
NLRP2
NLRP3
NLRP6
NLRP7
NOD1
NOD2
PJVK
PLCG1
PRKACA
PYCARD
SCAF11
TIRAP
TNF

TP53
TP63

TABLE S2 The primer sequences information.

Name	primer sequences
CASP4 siRNA 1	GCUCUCAUCAUCUGCAAUATT UAUUGCAUAUGAUGAGAGCTT
CASP4 siRNA 2	GCGCAAAGAUUCCUCACUTT AGUGAGGAAAUCUUUGCCCTT
CASP4 siRNA 3	GACACCAUCUCCAGAUAUTT AUAUCUGGAAGAUGGUGUCTT
CHMP4C siRNA 1	GCAAGUUGGGCAAGUUCUUTT AAGAACUUGCCCAACUUGCTT
CHMP4C siRNA 2	GCUGCAUUACAGGCACUAATT UUAGUGCCUGUAAUGCAGCTT
CHMP4C siRNA 3	CCAAAUGUGCCUCCUCUUTT AAGAGGAAGGCACAUUUGGTT
CASP4 F	AAGTCCTCTGACAGCACATTCTTGG
CASP4 R	GAGGCAGTTGCGGTTGTTGAATATC
CHMP4C F	TGCATTACAGGCACTAAAGAGA
CHMP4C R	CTTCTCTCTGGA ACTCAATGGT

TABLE S3. The 9192 DEGs between 168 normal and 151 tumor tissues

gene	logFC	AveExpr	t	P. Value	adj. P. Val	B
RP5-857K21.1	2.257353	5.465523	14.6437	1.87E-37	1.07E-36	72.37571
SAMD11	1.643998	1.857975	18.90763	6.23E-54	5.05E-53	110.2965
NOC2L	1.051877	4.791405	16.16504	2.67E-43	1.72E-42	85.82033
PLEKHN1	1.942439	1.536973	21.18895	1.03E-62	1.04E-61	130.5287
PERM1	1.828825	1.285498	23.8088	1.36E-72	1.82E-71	153.3041
ISG15	4.557712	4.749479	33.87197	2.04E-107	1.31E-105	233.6303
AGRN	1.925279	5.349104	19.77316	2.81E-57	2.47E-56	118.0032
RNF223	1.248307	0.672549	20.90057	1.31E-61	1.28E-60	127.9876
TNFRSF18	1.79872	1.05299	28.37355	4.68E-89	1.13E-87	191.2706
TNFRSF4	1.7593	1.499702	26.37396	5.64E-82	1.03E-80	174.9368
SDF4	1.262389	6.000318	18.40709	5.42E-52	4.20E-51	105.8292
B3GALT6	1.16075	2.986034	21.20117	9.25E-63	9.37E-62	130.6364
FAM132A	1.481796	1.522723	16.96347	2.16E-46	1.49E-45	92.93459
CPTP	1.218352	3.551898	17.96782	2.74E-50	2.04E-49	101.9053
MXRA8	3.754103	5.336654	34.86023	1.53E-110	1.18E-108	240.8454
AURKAIP1	1.251716	6.08427	17.56082	1.04E-48	7.51E-48	98.26892
MRPL20	1.307268	6.265981	18.95164	4.21E-54	3.42E-53	110.6889
P4-758J18.1	1.01313	1.660595	12.0736	7.10E-28	3.36E-27	50.3698
VWA1	2.343359	5.40788	21.94667	1.34E-65	1.47E-64	137.1767
TMEM240	1.159077	1.161928	20.13933	1.09E-58	9.92E-58	121.2538
SSU72	1.284628	6.028301	18.99238	2.93E-54	2.39E-53	111.0523
Clorf233	2.240917	1.522237	36.151	1.50E-114	1.52E-112	250.0901
MMP23B	2.359071	2.606546	25.76767	8.71E-80	1.48E-78	169.8903
MMP23A	2.190099	1.844035	22.47976	1.29E-67	1.50E-66	141.826
GNB1	2.309023	5.971983	31.61415	4.47E-100	1.88E-98	216.6935
TMEM52	-4.38139	4.191071	-35.9594	5.84E-114	5.70E-112	248.7308
GABRD	1.28115	0.712583	28.5132	1.53E-89	3.78E-88	192.3931
PRKCZ	1.184124	3.553881	18.82688	1.28E-53	1.03E-52	109.5762
FAAP20	1.353616	4.861045	16.03401	8.55E-43	5.46E-42	84.65557
SKI	1.723879	3.423999	24.09024	1.23E-73	1.70E-72	155.7124
RER1	1.18024	5.965952	17.15277	3.98E-47	2.78E-46	94.62439
RP3-395M20.1	1.404495	2.758727	14.50704	6.19E-37	3.51E-36	71.17881
TNFRSF14	1.696318	5.197197	18.87666	8.21E-54	6.64E-53	110.0203
RP3-395M20.2	1.761603	0.977616	23.73202	2.62E-72	3.48E-71	152.6456
FAM213B	3.008381	3.59743	37.51768	1.07E-118	1.40E-116	259.6619
MMEL1	2.649827	2.322458	24.4365	6.43E-75	9.33E-74	158.6641
LINC00982	-1.45216	3.150656	-14.9704	1.05E-38	6.20E-38	75.24554
ARHGEF16	1.839565	3.743021	21.50845	6.23E-64	6.50E-63	133.3373
MEGF6	2.042503	3.150046	21.84154	3.37E-65	3.65E-64	136.257
TPRG1L	1.775357	4.654714	27.53516	4.11E-86	8.75E-85	184.4811
KCNAB2	1.843123	2.357308	22.29358	6.53E-67	7.38E-66	140.205
RPL22	1.06682	8.22543	12.83824	1.14E-30	5.68E-30	56.78554
ICMT	2.008444	3.8453	32.75718	7.94E-104	4.15E-102	225.3471
GPR153	2.528022	1.874609	34.21078	1.71E-108	1.17E-106	236.1174
ACOT7	2.644438	3.361333	38.69964	3.30E-122	5.33E-120	267.7639
HES2	1.058315	0.540174	15.24923	9.00E-40	5.40E-39	77.70332
ESPN	2.67399	1.663945	24.14128	7.93E-74	1.11E-72	156.1482
TNFRSF25	1.356454	2.462994	15.70827	1.54E-41	9.59E-41	81.7645
PLEKHG5	1.274171	2.079929	19.97631	4.63E-58	4.14E-57	119.8074
PHF13	1.518669	2.625023	27.4631	7.38E-86	1.56E-84	183.8935
CAMTA1	1.896232	4.831802	30.53171	1.85E-96	6.44E-95	208.3478

VAMP3	2. 317652	4. 745577	33. 7394	5. 41E-107	3. 39E-105	232. 6533
PARK7	1. 34762	7. 207541	19. 0954	1. 17E-54	9. 65E-54	111. 9707
SLC45A1	1. 014412	0. 98351	19. 70106	5. 33E-57	4. 66E-56	117. 3624
ENO1	3. 08665	7. 761571	31. 40307	2. 24E-99	9. 04E-98	215. 0775
SLC2A5	1. 466744	1. 016984	21. 45233	1. 02E-63	1. 06E-62	132. 8445
GPR157	1. 140622	1. 859522	18. 69956	3. 98E-53	3. 16E-52	108. 4401
H6PD	1. 173481	3. 484402	15. 65304	2. 52E-41	1. 56E-40	81. 27496
SPSB1	1. 618882	3. 934899	16. 26304	1. 11E-43	7. 24E-43	86. 69205
PIK3CD	1. 326373	1. 815325	18. 67548	4. 94E-53	3. 92E-52	108. 2253
CLSTN1	1. 792785	5. 694122	25. 02053	4. 59E-77	7. 12E-76	163. 6135
CTNNBIP1	1. 452556	3. 937794	21. 09907	2. 27E-62	2. 27E-61	129. 7374
LZIC	1. 538024	3. 274126	27. 41721	1. 07E-85	2. 26E-84	183. 519
RN7SL731P	1. 271413	0. 926387	19. 59752	1. 34E-56	1. 16E-55	116. 4417
PGD	2. 443318	4. 883859	34. 73521	3. 77E-110	2. 85E-108	239. 9392
APITD1	1. 131998	3. 274039	20. 41833	9. 23E-60	8. 61E-59	123. 7258
DFFA	1. 3835	3. 060032	26. 2707	1. 33E-81	2. 40E-80	174. 0803
PEX14	1. 425878	3. 048172	28. 82631	1. 25E-90	3. 28E-89	194. 9013
TARDBP	1. 316257	6. 036307	20. 06451	2. 12E-58	1. 91E-57	120. 5901
FBXO2	-1. 22659	4. 366525	-10. 9243	8. 53E-24	3. 69E-23	41. 01644
FBXO6	1. 017496	3. 061065	15. 92227	2. 31E-42	1. 46E-41	83. 66302
AGTRAP	1. 346328	5. 246329	14. 41358	1. 40E-36	7. 89E-36	70. 36162
KIAA2013	1. 278799	4. 654175	21. 31715	3. 34E-63	3. 42E-62	131. 6566
PLOD1	2. 235401	5. 071382	29. 36896	1. 68E-92	4. 80E-91	199. 2193
MFN2	1. 452487	3. 879051	24. 20299	4. 69E-74	6. 60E-73	156. 6749
TNFRSF1B	2. 673203	3. 021763	33. 59938	1. 52E-106	9. 22E-105	231. 6191
DHRS3	1. 407143	6. 019195	15. 80064	6. 80E-42	4. 26E-41	82. 58361
PDPN	3. 006972	2. 968617	28. 25487	1. 21E-88	2. 88E-87	190. 3147
EFHD2	1. 842392	5. 59471	22. 46347	1. 49E-67	1. 72E-66	141. 6842
CTRC	-7. 41938	9. 162793	-20. 3455	1. 76E-59	1. 63E-58	123. 0807
CELA2A	-8. 32338	8. 803185	-21. 2658	5. 24E-63	5. 34E-62	131. 2053
CELA2B	-6. 47668	6. 798128	-19. 8243	1. 79E-57	1. 58E-56	118. 4572
AGMAT	1. 169624	0. 830206	22. 09162	3. 79E-66	4. 21E-65	138. 4432
PLEKHM2	1. 122222	4. 276361	16. 70079	2. 25E-45	1. 52E-44	90. 59143
FBLIM1	2. 069146	4. 785372	28. 30765	7. 95E-89	1. 90E-87	190. 74
CLCNKA	-1. 14741	1. 001832	-20. 758	4. 59E-61	4. 44E-60	126. 7294
EPHA2	3. 322486	3. 919941	31. 70121	2. 30E-100	9. 80E-99	217. 3583
FBXO42	1. 159832	2. 954375	21. 48151	7. 89E-64	8. 21E-63	133. 1007
SZRD1	1. 909742	4. 667957	29. 38304	1. 50E-92	4. 31E-91	199. 3308
NECAP2	2. 285559	4. 49423	35. 91204	8. 17E-114	7. 86E-112	248. 3938
MST1P2	-1. 22593	2. 287122	-15. 786	7. 74E-42	4. 84E-41	82. 45413
EIF1AXP1	1. 448278	2. 097526	14. 1594	1. 29E-35	7. 12E-35	68. 14478
MST1L	-1. 91187	3. 853312	-18. 0124	1. 84E-50	1. 38E-49	102. 3034
MFAP2	3. 001231	4. 738825	26. 93667	5. 46E-84	1. 08E-82	179. 582
SDHB	1. 109745	5. 466519	18. 26559	1. 92E-51	1. 47E-50	104. 5654
PADI2	1. 496622	1. 290599	20. 3566	1. 59E-59	1. 48E-58	123. 1792
PADI1	3. 479982	1. 722528	21. 36422	2. 21E-63	2. 27E-62	132. 0704
RCC2	2. 433978	4. 279429	37. 05652	2. 62E-117	3. 10E-115	256. 4567
ALDH4A1	1. 241617	2. 002152	23. 05857	8. 59E-70	1. 06E-68	146. 8454
UBR4	1. 35474	5. 773323	19. 42743	6. 08E-56	5. 17E-55	114. 9283
EMC1	1. 408999	3. 404465	22. 83192	6. 10E-69	7. 33E-68	144. 8835
AKR7L	-1. 13154	2. 468131	-11. 2963	4. 25E-25	1. 89E-24	44. 00073
AKR7A3	-1. 98233	5. 361305	-12. 0404	9. 36E-28	4. 41E-27	50. 09472
AKR7A2	1. 186261	4. 827405	19. 2273	3. 61E-55	3. 02E-54	113. 1461
CAPZB	2. 926559	6. 590361	37. 19867	9. 76E-118	1. 19E-115	257. 4473

MINOS1	1. 879607	6. 048965	27. 26378	3. 75E-85	7. 69E-84	182. 2649
MINOS1-NBL1	1. 803868	1. 345238	29. 16372	8. 52E-92	2. 37E-90	197. 5904
NBL1	4. 739074	5. 538029	47. 57427	1. 78E-146	1. 80E-143	323. 776
RNF186	-2. 26183	2. 831155	-21. 0784	2. 72E-62	2. 72E-61	129. 5555
PLA2G2A	1. 269954	3. 260985	5. 299459	2. 18E-07	6. 02E-07	3. 703135
PLA2G5	1. 150866	1. 079912	15. 78693	7. 68E-42	4. 80E-41	82. 46201
PLA2G2D	1. 083953	0. 523832	13. 12424	9. 92E-32	5. 08E-31	59. 21801
RP3-340N1. 2	1. 805281	0. 902738	16. 62375	4. 48E-45	3. 00E-44	89. 90456
UBXN10-AS1	1. 017375	0. 610592	20. 47276	5. 70E-60	5. 35E-59	124. 2076
UBXN10	1. 772713	1. 184606	27. 10633	1. 36E-84	2. 73E-83	180. 9752
CAMK2N1	4. 208563	4. 0334	46. 7219	2. 71E-144	2. 41E-141	318. 7407
MUL1	1. 402334	3. 616493	24. 23087	3. 70E-74	5. 23E-73	156. 9127
CDA	3. 948309	2. 418335	32. 66587	1. 57E-103	8. 11E-102	224. 6618
PINK1	1. 492373	4. 806831	23. 72052	2. 89E-72	3. 84E-71	152. 547
EIF4G3	1. 617282	3. 153704	25. 38447	2. 15E-78	3. 51E-77	166. 6788
LDLRAD2	1. 426201	1. 40205	21. 14562	1. 51E-62	1. 52E-61	130. 1473
HSPG2	2. 733135	5. 493439	30. 39404	5. 40E-96	1. 83E-94	207. 2758
CELA3B	-8. 66595	9. 208752	-23. 73	2. 67E-72	3. 54E-71	152. 6283
RN7SL386P	-5. 48165	3. 375075	-41. 4124	5. 25E-130	1. 48E-127	285. 7629
CELA3A	-8. 44486	10. 67198	-20. 8544	1. 96E-61	1. 91E-60	127. 58
RN7SL186P	-6. 25239	4. 126062	-44. 4507	2. 47E-138	1. 36E-135	304. 9828
LINC00339	-1. 66352	4. 713798	-18. 1744	4. 33E-51	3. 29E-50	103. 7505
CDC42	2. 39412	5. 942189	32. 44536	8. 24E-103	4. 03E-101	223. 0025
WNT4	1. 276796	1. 551124	13. 6911	7. 55E-34	4. 03E-33	64. 0846
C1QA	3. 872293	5. 347224	31. 98341	2. 70E-101	1. 20E-99	219. 507
C1QC	3. 468697	5. 11969	26. 88163	8. 59E-84	1. 68E-82	179. 1293
C1QB	3. 479008	5. 581799	25. 90112	2. 86E-80	4. 93E-79	171. 0047
EPHB2	2. 055635	2. 033061	25. 28665	4. 89E-78	7. 87E-77	165. 8564
KDM1A	1. 242155	4. 639646	19. 59193	1. 41E-56	1. 22E-55	116. 392
LUZP1	1. 647921	2. 050497	29. 47258	7. 39E-93	2. 15E-91	200. 0397
HTR1D	1. 600259	0. 798178	22. 87405	4. 23E-69	5. 12E-68	145. 2486
HNRNPR	1. 788823	4. 961287	28. 36375	5. 06E-89	1. 22E-87	191. 1917
ZNF436	1. 018878	2. 218796	13. 55884	2. 37E-33	1. 25E-32	62. 94413
TCEA3	-1. 11344	5. 730507	-11. 5639	4. 79E-26	2. 18E-25	46. 17429
ID3	1. 567306	5. 281135	14. 85514	2. 91E-38	1. 70E-37	74. 23172
PITHD1	1. 053609	4. 549496	18. 79301	1. 73E-53	1. 39E-52	109. 274
LYPLA2	1. 90443	5. 096068	27. 55919	3. 38E-86	7. 22E-85	184. 6768
GALE	2. 99485	4. 507895	31. 84581	7. 66E-101	3. 35E-99	218. 4606
HMGCL	1. 434752	4. 394752	24. 58188	1. 87E-75	2. 76E-74	159. 8995
FUCA1	2. 562777	4. 198483	38. 67124	4. 01E-122	6. 43E-120	267. 5711
PNRC2	1. 526964	4. 672196	21. 63851	1. 99E-64	2. 11E-63	134. 4784
MYOM3	1. 127146	1. 059077	16. 69284	2. 42E-45	1. 63E-44	90. 52054
IL22RA1	-2. 37696	4. 874491	-19. 0304	2. 08E-54	1. 71E-53	111. 3913
STPG1	1. 250285	2. 047958	24. 70516	6. 59E-76	9. 86E-75	160. 9454
RCAN3	1. 170789	2. 482882	21. 67543	1. 44E-64	1. 53E-63	134. 802
CLIC4	2. 217819	4. 414212	23. 57248	1. 03E-71	1. 34E-70	151. 2756
RUNX3	2. 03285	1. 371108	25. 06087	3. 27E-77	5. 10E-76	163. 954
SYF2	1. 287748	5. 130514	19. 38931	8. 53E-56	7. 23E-55	114. 5889
TMEM50A	2. 463146	5. 379089	35. 4896	1. 66E-112	1. 44E-110	245. 3781
MAN1C1	1. 612608	2. 42403	19. 40226	7. 60E-56	6. 45E-55	114. 7042
SEPN1	1. 04707	4. 880992	15. 59791	4. 11E-41	2. 53E-40	80. 78659
PAQR7	1. 570466	2. 435873	27. 51653	4. 78E-86	1. 02E-84	184. 3292
STMN1	3. 482397	4. 900806	41. 48981	3. 19E-130	9. 14E-128	286. 2646
SLC30A2	-3. 07139	3. 464496	-20. 6438	1. 26E-60	1. 20E-59	125. 7199

RP11-96L14.7	1.345159	1.270621	12.74278	2.56E-30	1.27E-29	55.97738
SH3BGR13	2.934615	6.835833	34.65352	6.81E-110	5.11E-108	239.3461
CD52	4.577154	3.922332	34.78899	2.55E-110	1.94E-108	240.3292
AIM1L	3.1573	1.762091	33.57568	1.81E-106	1.09E-104	231.4438
DHDDS	1.104568	3.660282	18.65897	5.72E-53	4.53E-52	108.0778
HMG2	1.451331	7.490377	17.68591	3.40E-49	2.48E-48	99.38654
RPS6KA1	1.905812	4.002455	28.87937	8.18E-91	2.17E-89	195.3251
ZDHHC18	1.028105	2.905827	17.25602	1.58E-47	1.12E-46	95.54637
SFN	6.35482	3.753813	64.56827	1.35E-184	2.04E-180	411.7745
GPN2	1.422483	3.366432	26.35796	6.44E-82	1.18E-80	174.8041
GPATCH3	1.245108	2.535428	28.50654	1.61E-89	3.99E-88	192.3397
NUDC	1.356004	5.595431	21.33508	2.85E-63	2.93E-62	131.8143
TRNP1	2.370889	4.209295	21.30159	3.83E-63	3.91E-62	131.5198
SLC9A1	2.640412	3.782893	33.97762	9.40E-108	6.14E-106	234.4074
TMEM222	1.34989	4.444131	21.98952	9.25E-66	1.01E-64	137.5513
SYTL1	-1.0404	5.507597	-10.7726	2.86E-23	1.22E-22	39.81182
MAP3K6	1.515926	4.1104	17.98679	2.31E-50	1.73E-49	102.0748
WASF2	1.15465	4.321493	15.60383	3.90E-41	2.40E-40	80.83905
AHDC1	1.021527	2.625819	12.24576	1.69E-28	8.07E-28	51.80234
FGR	1.560779	2.31604	16.05004	7.41E-43	4.74E-42	84.79803
IFI6	4.695602	5.950118	31.5745	6.05E-100	2.52E-98	216.3904
STX12	1.372893	3.882623	21.17336	1.18E-62	1.19E-61	130.3915
PPP1R8	1.605259	3.534211	28.48525	1.91E-89	4.72E-88	192.1687
THEMIS2	2.825364	2.994338	30.01938	1.00E-94	3.22E-93	204.3465
RPA2	1.74122	3.93605	27.58552	2.73E-86	5.85E-85	184.8913
SPCS2P4	1.559161	4.162394	23.20337	2.46E-70	3.09E-69	148.0962
PTAFR	2.751137	1.963948	39.19701	1.16E-123	2.01E-121	271.1254
DNAJC8	1.884703	4.812917	31.16766	1.36E-98	5.28E-97	213.2688
ATPIF1	1.914858	6.744965	24.75908	4.17E-76	6.30E-75	161.4024
MED18	1.496785	2.595016	28.31519	7.48E-89	1.79E-87	190.8008
PHACTR4	1.081763	3.141054	21.27962	4.64E-63	4.74E-62	131.3266
RCC1	1.539852	3.515247	19.05071	1.74E-54	1.43E-53	111.5723
TRNAU1AP	1.154344	3.494613	19.12721	8.80E-55	7.29E-54	112.2542
TAF12	1.265841	3.611454	22.29439	6.48E-67	7.33E-66	140.212
RAB42	1.699647	1.069313	32.18885	5.70E-102	2.66E-100	221.0648
GMEB1	1.271529	1.809475	29.1586	8.87E-92	2.47E-90	197.5498
YTHDF2	1.370128	4.224096	24.09377	1.19E-73	1.65E-72	155.7425
TMEM200B	1.629841	1.447099	24.99193	5.84E-77	9.04E-76	163.372
MECR	1.09818	3.74257	19.08646	1.27E-54	1.04E-53	111.891
PTPRU	1.508676	3.679	16.94323	2.59E-46	1.78E-45	92.75401
LAPTM5	3.999048	4.85623	34.96101	7.37E-111	5.88E-109	241.5744
SDC3	2.433269	2.988014	32.66372	1.60E-103	8.22E-102	224.6457
PUM1	1.446117	3.828718	23.48854	2.12E-71	2.73E-70	150.5537
SNRNP40	1.614819	3.764527	31.04332	3.55E-98	1.35E-96	212.3106
ZCCHC17	1.547789	3.615501	29.984	1.33E-94	4.22E-93	204.0689
FABP3	2.866475	2.289858	33.23243	2.30E-105	1.31E-103	228.8972
SERINC2	3.378104	5.365876	32.20212	5.16E-102	2.41E-100	221.1652
TINAGL1	2.762806	5.347579	28.06113	5.79E-88	1.33E-86	188.7506
PEF1	1.816385	4.892933	29.75581	7.94E-94	2.43E-92	202.2751
COL16A1	3.36461	4.248064	34.1418	2.83E-108	1.91E-106	235.6122
ADGRB2	1.65264	1.067989	31.36647	2.97E-99	1.18E-97	214.7968
SPOCD1	2.105585	1.136304	27.96303	1.28E-87	2.89E-86	187.9569
PTP4A2	2.13662	6.09289	29.31147	2.64E-92	7.49E-91	198.7635
KHDRBS1	1.946152	5.036487	31.43053	1.82E-99	7.35E-98	215.2881

TMEM39B	1. 441847	2. 790843	27. 79112	5. 14E-87	1. 13E-85	186. 563
KPNA6	1. 130043	3. 062227	20. 40229	1. 06E-59	9. 91E-59	123. 5839
CCDC28B	1. 608899	2. 525651	29. 31981	2. 47E-92	7. 03E-91	198. 8297
EIF3I	1. 483336	6. 360483	21. 39497	1. 69E-63	1. 74E-62	132. 3406
FAM167B	1. 305144	2. 567736	17. 47402	2. 26E-48	1. 62E-47	97. 49345
LCK	2. 872796	1. 889575	32. 23274	4. 09E-102	1. 92E-100	221. 397
HDAC1	1. 979009	5. 52462	27. 7766	5. 78E-87	1. 27E-85	186. 4451
MARCKSL1	4. 160502	5. 198322	44. 88104	1. 77E-139	1. 08E-136	307. 6285
ZBTB80S	1. 203164	4. 436491	21. 57671	3. 42E-64	3. 60E-63	133. 9364
RBBP4	1. 166172	5. 212105	15. 3961	2. 45E-40	1. 49E-39	79. 00084
SYNC	1. 348062	0. 923085	19. 64126	9. 07E-57	7. 88E-56	116. 8307
TMEM54	3. 013704	5. 163387	33. 99339	8. 38E-108	5. 50E-106	234. 5232
RNF19B	2. 588224	3. 277058	37. 47864	1. 40E-118	1. 82E-116	259. 3915
AK2	1. 476025	5. 793832	22. 8586	4. 84E-69	5. 83E-68	145. 1147
AZIN2	1. 694044	1. 903935	27. 95157	1. 40E-87	3. 17E-86	187. 864
ZNF362	1. 267929	3. 168757	21. 22182	7. 72E-63	7. 83E-62	130. 8181
PHC2	2. 112249	5. 499405	27. 06883	1. 85E-84	3. 70E-83	180. 6675
SMIM12	1. 584151	4. 085989	26. 7674	2. 20E-83	4. 23E-82	178. 1886
GJB5	2. 541255	1. 352746	21. 86216	2. 81E-65	3. 05E-64	136. 4375
GJB4	2. 440988	1. 196087	28. 0008	9. 42E-88	2. 14E-86	188. 2625
RP1-34M23. 5	1. 606934	0. 793048	21. 7457	7. 79E-65	8. 34E-64	135. 4178
GJB3	4. 626369	2. 3766	54. 57355	2. 47E-163	1. 15E-159	362. 6923
GJA4	1. 543719	2. 544996	19. 00129	2. 70E-54	2. 21E-53	111. 1317
ZMYM6NB	1. 835351	4. 419626	28. 07593	5. 14E-88	1. 18E-86	188. 8702
ZMYM4	1. 144782	2. 86838	20. 7281	5. 98E-61	5. 77E-60	126. 465
NCDN	1. 286722	2. 883619	21. 55733	4. 06E-64	4. 26E-63	133. 7663
PSMB2	2. 097147	4. 736945	35. 32159	5. 51E-112	4. 69E-110	244. 1728
Clorf216	1. 561933	2. 160054	28. 74452	2. 40E-90	6. 21E-89	194. 2473
CLSPN	1. 0016	0. 573485	26. 96407	4. 36E-84	8. 63E-83	179. 8072
ADPRHL2	1. 899123	3. 774034	33. 25458	1. 95E-105	1. 11E-103	229. 062
COL8A2	3. 176182	1. 921128	35. 06856	3. 40E-111	2. 77E-109	242. 3511
TRAPPC3	1. 518756	4. 948256	26. 71344	3. 42E-83	6. 56E-82	177. 7437
MAP7D1	2. 745115	4. 648668	37. 03991	2. 94E-117	3. 46E-115	256. 3407
THRAP3	1. 207569	4. 50501	18. 79444	1. 71E-53	1. 37E-52	109. 2868
SH3D21	2. 196539	1. 647225	25. 92178	2. 41E-80	4. 17E-79	171. 177
EVA1B	2. 055685	3. 462901	21. 61006	2. 56E-64	2. 70E-63	134. 2289
P11-268J15.	1. 515603	1. 266086	20. 12645	1. 22E-58	1. 11E-57	121. 1396
LSM10	1. 63879	4. 31237	28. 80418	1. 49E-90	3. 90E-89	194. 7245
OSCP1	1. 054586	2. 424674	19. 75795	3. 22E-57	2. 82E-56	117. 868
MRPS15	1. 264885	5. 230741	21. 26483	5. 29E-63	5. 39E-62	131. 1965
CSF3R	1. 552964	2. 364017	13. 63131	1. 27E-33	6. 72E-33	63. 56869
LINC01137	1. 769305	2. 203784	31. 59705	5. 09E-100	2. 13E-98	216. 5628
ZC3H12A	1. 71157	3. 36004	17. 31399	9. 44E-48	6. 67E-47	96. 06404
MEAF6	1. 458841	4. 774734	22. 20951	1. 36E-66	1. 52E-65	139. 472
GNL2	1. 651443	4. 406258	27. 09634	1. 48E-84	2. 96E-83	180. 8932
CDCA8	2. 310731	1. 486812	39. 82219	1. 77E-125	3. 51E-123	275. 3112
MANEAL	1. 020351	2. 552535	16. 72066	1. 89E-45	1. 27E-44	90. 76855
SF3A3	1. 29454	4. 021867	21. 7665	6. 50E-65	6. 97E-64	135. 6
FHL3	2. 028764	3. 746284	28. 04353	6. 67E-88	1. 53E-86	188. 6083
UTP11L	1. 082979	3. 735779	19. 33928	1. 33E-55	1. 12E-54	114. 1434
RRAGC	1. 767163	3. 216572	30. 39976	5. 16E-96	1. 76E-94	207. 3204
MYCBP	1. 250662	3. 454877	22. 60964	4. 19E-68	4. 91E-67	142. 9549
RHBDL2	3. 083019	1. 777465	44. 25906	8. 06E-138	4. 24E-135	303. 7985
AKIRIN1	1. 464532	3. 680092	23. 38924	4. 97E-71	6. 35E-70	149. 6989

NDUFS5	1. 927501	7. 309477	24. 6313	1. 23E-75	1. 83E-74	160. 319
MACF1	1. 57209	5. 391367	21. 25915	5. 56E-63	5. 66E-62	131. 1465
HPCAL4	-1. 19724	0. 806844	-12. 8746	8. 35E-31	4. 18E-30	57. 09385
MYCL	-1. 24135	2. 558002	-12. 4991	2. 01E-29	9. 77E-29	53. 9232
MFS2A	2. 890859	1. 672843	35. 5482	1. 09E-112	9. 61E-111	245. 7978
CAP1	3. 075705	6. 13118	38. 08488	2. 17E-120	3. 10E-118	263. 57
PPT1	2. 141133	4. 706786	29. 36796	1. 69E-92	4. 83E-91	199. 2114
RLF	1. 021814	1. 871664	20. 34092	1. 83E-59	1. 69E-58	123. 0404
ZMPSTE24	1. 946384	3. 660747	33. 34586	9. 91E-106	5. 78E-104	229. 7403
COL9A2	2. 080444	2. 032138	22. 64856	2. 99E-68	3. 52E-67	143. 293
SMAP2	1. 600161	4. 049337	18. 79222	1. 74E-53	1. 40E-52	109. 267
EXO5	1. 036027	1. 835013	22. 13535	2. 59E-66	2. 89E-65	138. 8249
CTPS1	1. 336468	3. 106602	19. 62151	1. 08E-56	9. 38E-56	116. 6551
HIVEP3	1. 146302	1. 69526	15. 34428	3. 88E-40	2. 35E-39	78. 54284
PPCS	1. 185554	5. 226271	18. 92908	5. 14E-54	4. 18E-53	110. 4878
PPIH	2. 055265	3. 991762	35. 58157	8. 59E-113	7. 64E-111	246. 0365
YBX1	1. 87873	7. 446385	23. 73171	2. 63E-72	3. 49E-71	152. 643
P3H1	2. 137703	4. 056239	29. 07719	1. 69E-91	4. 65E-90	196. 9022
Clorf50	1. 07844	2. 828592	22. 38527	2. 94E-67	3. 36E-66	141. 0036
CCDC23	2. 053039	3. 45456	35. 72771	3. 03E-113	2. 79E-111	247. 0805
SLC2A1	5. 31184	4. 47792	43. 45117	1. 22E-135	5. 60E-133	298. 7655
EBNA1BP2	1. 420948	4. 8216	24. 36041	1. 23E-74	1. 76E-73	158. 0165
TIE1	1. 902345	2. 517665	23. 54676	1. 28E-71	1. 66E-70	151. 0545
CDC20	3. 639547	2. 139601	45. 4623	5. 15E-141	3. 62E-138	311. 1729
ELOVL1	2. 019312	5. 580195	28. 25496	1. 21E-88	2. 88E-87	190. 3154
MED8	1. 125016	4. 22667	20. 24148	4. 42E-59	4. 05E-58	122. 1594
PTPRF	1. 645388	5. 330813	20. 08391	1. 78E-58	1. 61E-57	120. 7623
KDM4A	1. 324894	2. 906054	24. 61732	1. 39E-75	2. 06E-74	160. 2004
IPO13	1. 087849	3. 19331	20. 2146	5. 60E-59	5. 12E-58	121. 9212
ATP6VOB	1. 251972	6. 65714	17. 129	4. 93E-47	3. 44E-46	94. 41214
CCDC24	1. 067991	3. 303506	14. 73774	8. 17E-38	4. 72E-37	73. 20058
ERI3	1. 345887	4. 442621	24. 46579	5. 01E-75	7. 30E-74	158. 9132
RNF220	1. 203509	5. 030664	19. 91779	7. 78E-58	6. 93E-57	119. 288
TMEM53	1. 852613	2. 95101	31. 46566	1. 39E-99	5. 67E-98	215. 5573
KIF2C	2. 33885	1. 379365	39. 12528	1. 87E-123	3. 21E-121	270. 6424
PLK3	1. 960235	3. 789317	22. 64442	3. 10E-68	3. 65E-67	143. 257
BTBD19	1. 174061	1. 939136	16. 27925	9. 64E-44	6. 28E-43	86. 83629
UROD	1. 379898	5. 047029	23. 45029	2. 94E-71	3. 78E-70	150. 2246
HPDL	1. 297	0. 777815	20. 20966	5. 85E-59	5. 35E-58	121. 8774
TOE1	1. 151478	2. 167814	23. 63507	6. 02E-72	7. 86E-71	151. 8134
PRDX1	3. 003333	6. 910275	37. 42581	2. 02E-118	2. 57E-116	259. 0253
NASP	1. 468396	5. 058058	22. 32083	5. 15E-67	5. 85E-66	140. 4424
GPBP1L1	1. 098151	5. 104952	16. 11987	3. 98E-43	2. 56E-42	85. 41873
MAST2	1. 917466	3. 204814	27. 60363	2. 35E-86	5. 06E-85	185. 0387
PIK3R3	1. 162211	1. 969429	17. 39556	4. 56E-48	3. 24E-47	96. 79263
TSPAN1	6. 111687	4. 685978	52. 30884	4. 48E-158	1. 13E-154	350. 553
POMGNT1	1. 068648	4. 543719	16. 40218	3. 23E-44	2. 12E-43	87. 93059
RAD54L	1. 566644	1. 011061	29. 58027	3. 16E-93	9. 38E-92	200. 8908
LRRC41	1. 005178	4. 59895	16. 54734	8. 85E-45	5. 88E-44	89. 22365
UQCRH	1. 977023	6. 96036	28. 37446	4. 64E-89	1. 13E-87	191. 2779
NSUN4	1. 013493	2. 873771	18. 96631	3. 69E-54	3. 01E-53	110. 8198
MKNK1	-2. 16356	5. 415563	-26. 983	3. 74E-84	7. 41E-83	179. 9623
EFCAB14	1. 759309	4. 177754	25. 18688	1. 13E-77	1. 80E-76	165. 0164
PDZK1IP1	2. 6877	6. 345348	25. 06608	3. 13E-77	4. 88E-76	163. 9979

STIL	1.238206	0.9413	28.63437	5.78E-90	1.47E-88	193.3652
CMPK1	1.840819	5.55636	25.57037	4.53E-79	7.53E-78	168.2388
FOXD2-AS1	1.24834	0.921405	26.05145	8.19E-81	1.44E-79	172.2576
RNF11	1.726952	4.324894	22.6691	2.50E-68	2.95E-67	143.4713
TTC39A	1.635558	3.266119	19.3678	1.03E-55	8.73E-55	114.3974
EPS15	1.520315	3.266006	25.27361	5.45E-78	8.77E-77	165.7467
RAB3B	1.066661	0.886464	17.28772	1.19E-47	8.43E-47	95.82941
TXNDC12	1.500813	4.554035	27.20651	5.99E-85	1.22E-83	181.7962
KTI12	1.106134	2.342594	24.94118	8.96E-77	1.38E-75	162.9432
BTF3L4	1.171193	4.336057	19.08277	1.31E-54	1.08E-53	111.8581
PRPF38A	1.307571	3.572983	23.98945	2.90E-73	3.97E-72	154.8508
GPX7	1.444543	3.05251	18.76807	2.16E-53	1.73E-52	109.0515
FAM159A	1.099747	0.66698	19.65652	7.92E-57	6.89E-56	116.9664
COA7	1.199738	2.181007	24.50197	3.69E-75	5.40E-74	159.2207
ZYG11B	1.11903	1.802554	24.17898	5.75E-74	8.09E-73	156.47
RP4-631H13.6	-1.29995	1.465095	-10.9694	5.94E-24	2.58E-23	41.37587
SCP2	2.148982	5.919677	28.50615	1.61E-89	4.00E-88	192.3365
PODN	1.906129	3.886744	17.61848	6.22E-49	4.51E-48	98.78404
P11-334A14.	1.096367	0.578102	8.801533	8.86E-17	3.27E-16	24.97143
Clorf123	1.259176	4.751098	19.55968	1.87E-56	1.61E-55	116.105
MAGOH	1.842384	4.740042	30.42541	4.23E-96	1.45E-94	207.5203
LRP8	1.662953	1.240057	24.76582	3.94E-76	5.95E-75	161.4595
NDC1	1.424723	2.021438	29.70888	1.15E-93	3.48E-92	201.9054
YIPF1	1.56041	3.926324	26.82238	1.40E-83	2.71E-82	178.6415
HSPB11	1.549403	3.723449	27.47967	6.45E-86	1.36E-84	184.0287
LRRC42	2.153766	3.523064	33.92503	1.38E-107	8.95E-106	234.0208
TMEM59	1.743096	7.615935	22.83089	6.15E-69	7.39E-68	144.8747
SSBP3	1.68235	4.364664	25.30211	4.29E-78	6.92E-77	165.9864
ACOT11	1.650843	1.92649	26.49497	2.08E-82	3.86E-81	175.9388
TTC4	1.137643	3.109169	23.65466	5.09E-72	6.67E-71	151.9816
TTC22	1.153146	2.855445	17.02455	1.25E-46	8.67E-46	93.47978
DHCR24	2.379354	4.484149	24.97217	6.90E-77	1.07E-75	163.2051
TACSTD2	2.752277	5.960938	22.076	4.35E-66	4.81E-65	138.3068
RP4-592A1.2	1.034459	0.834509	31.01748	4.33E-98	1.64E-96	212.1113
CYP2J2	1.850639	1.655708	25.62428	2.88E-79	4.83E-78	168.6905
TM2D1	1.438205	4.228965	23.14195	4.18E-70	5.21E-69	147.5659
USP1	1.153595	2.984415	20.37593	1.34E-59	1.25E-58	123.3504
DOCK7	1.418353	2.390179	27.02771	2.59E-84	5.17E-83	180.33
ITGB3BP	1.044957	3.199249	15.83226	5.14E-42	3.22E-41	82.86414
JAK1	1.520893	4.81481	20.90423	1.26E-61	1.24E-60	128.0199
AK4	2.807981	1.817065	32.29285	2.60E-102	1.24E-100	221.8515
LEPROT	1.440311	4.418165	20.71534	6.69E-61	6.45E-60	126.3524
LEPR	1.206478	1.510354	14.98153	9.55E-39	5.62E-38	75.34347
PDE4B	1.715967	1.420276	22.66118	2.68E-68	3.16E-67	143.4025
SGIP1	1.736988	1.382097	23.38968	4.95E-71	6.33E-70	149.7027
MIER1	1.628056	2.745067	28.59077	8.20E-90	2.06E-88	193.0157
SERBP1	1.255616	6.098478	17.56392	1.01E-48	7.30E-48	98.29663
GADD45A	2.314962	3.931458	28.60808	7.14E-90	1.80E-88	193.1544
GNG12	2.225617	4.014397	29.75374	8.07E-94	2.47E-92	202.2589
DEPDC1	1.025806	0.542642	24.35968	1.23E-74	1.77E-73	158.0103
LRRC40	1.001622	1.896396	19.51196	2.86E-56	2.46E-55	115.6805
ANKRD13C	1.023828	2.29661	20.7937	3.35E-61	3.25E-60	127.0444
ST6GALNAC5	1.517714	0.982112	22.16544	1.99E-66	2.23E-65	139.0876
PIGK	1.512656	2.97757	24.39661	9.02E-75	1.30E-73	158.3246

AK5	1.063698	0.731401	17.03502	1.14E-46	7.90E-46	93.5732
FAM73A	1.042124	1.919844	20.19589	6.61E-59	6.03E-58	121.7553
IFI44L	2.778727	2.085504	22.78025	9.54E-69	1.14E-67	144.4356
IFI44	2.711661	3.756852	18.93318	4.96E-54	4.03E-53	110.5243
ADGRL4	1.780469	2.376575	23.19175	2.72E-70	3.41E-69	147.996
ADGRL2	1.225447	2.919471	15.77504	8.54E-42	5.33E-41	82.35649
TTLL7	-1.29977	2.139165	-17.9081	4.67E-50	3.47E-49	101.3717
PRKACB	2.255174	3.056277	28.7659	2.02E-90	5.25E-89	194.4183
SAMD13	1.298987	1.275454	20.27626	3.24E-59	2.98E-58	122.4676
RPF1	1.516761	3.947345	27.05829	2.02E-84	4.03E-83	180.581
GNG5	1.875386	6.359461	24.86668	1.68E-76	2.57E-75	162.3133
CTBS	1.070919	3.10221	18.56877	1.28E-52	1.01E-51	107.2728
SSX2IP	1.33672	1.725382	22.54526	7.32E-68	8.52E-67	142.3955
LPAR3	-1.48231	1.206851	-29.4662	7.78E-93	2.26E-91	199.9892
MCOLN3	-1.87825	2.11994	-27.2892	3.05E-85	6.28E-84	182.4728
BCL10	2.46561	2.676098	37.93961	5.87E-120	8.12E-118	262.5726
DDAH1	1.688675	3.825595	25.54703	5.51E-79	9.13E-78	168.0432
CYR61	2.071669	5.533645	14.03028	3.98E-35	2.17E-34	67.0221
ZNHIT6	1.211423	2.465402	22.66748	2.53E-68	2.99E-67	143.4572
ODF2L	1.120988	3.364133	15.24655	9.21E-40	5.53E-39	77.6797
SH3GLB1	1.468708	4.979867	20.25633	3.87E-59	3.55E-58	122.291
15-Sep	2.165154	6.402651	29.56419	3.59E-93	1.06E-91	200.7638
HS2ST1	1.652174	2.555956	28.95937	4.32E-91	1.16E-89	195.9635
LINC01140	1.106511	1.697117	14.48522	7.49E-37	4.24E-36	70.98793
LMO4	2.550079	4.802741	29.12469	1.16E-91	3.21E-90	197.2801
GTF2B	1.489418	3.985153	25.97242	1.58E-80	2.75E-79	171.5993
RBMXL1	1.001553	1.93343	21.5136	5.95E-64	6.21E-63	133.3825
GBP3	3.008653	3.037081	28.03017	7.43E-88	1.70E-86	188.5002
GBP1	2.570424	2.776012	27.99646	9.76E-88	2.22E-86	188.2274
PTGES3P1	1.255427	2.378914	19.95572	5.56E-58	4.96E-57	119.6247
GBP2	3.935738	4.182805	44.72767	4.52E-139	2.68E-136	306.6877
GBP4	2.817532	2.221632	36.36659	3.29E-115	3.45E-113	251.6148
GBP5	2.041405	1.337705	22.57536	5.64E-68	6.58E-67	142.6571
LRRC8C	1.496206	1.246333	26.90371	7.16E-84	1.40E-82	179.3109
LRRC8D	1.218535	2.782798	22.62534	3.65E-68	4.29E-67	143.0913
ZNF644	1.382677	2.964311	25.65945	2.15E-79	3.61E-78	168.9849
EPHX4	1.884804	0.942501	30.00995	1.08E-94	3.46E-93	204.2724
GLMN	1.005584	2.069024	19.40859	7.19E-56	6.10E-55	114.7605
GFI1	-1.02267	1.711946	-16.5097	1.24E-44	8.20E-44	88.88784
EVI5	1.117497	1.909286	21.45241	1.02E-63	1.06E-62	132.8452
FAM69A	1.710588	1.828154	30.56065	1.48E-96	5.16E-95	208.5728
TMED5	1.065862	3.585056	15.54785	6.40E-41	3.92E-40	80.34338
DR1	1.815541	3.409445	28.33789	6.23E-89	1.50E-87	190.9836
FNBP1L	1.267264	3.454985	18.5053	2.26E-52	1.76E-51	106.7061
BCAR3	2.764368	2.694299	36.97097	4.76E-117	5.52E-115	255.8593
DNTTIP2	1.847232	4.217203	31.44574	1.62E-99	6.57E-98	215.4046
GCLM	1.47738	2.199191	21.20502	8.95E-63	9.06E-62	130.6702
F3	1.500157	5.585424	8.83303	7.07E-17	2.62E-16	25.1952
SLC44A3	1.077668	3.908311	14.24711	6.01E-36	3.33E-35	68.9088
CNN3	1.699315	5.589189	17.23992	1.83E-47	1.29E-46	95.40257
RPL7P9	1.005372	4.71433	13.8449	1.99E-34	1.07E-33	65.41436
DPYD	1.701249	2.556618	22.17663	1.81E-66	2.02E-65	139.1852
SNX7	1.755674	3.4358	27.49101	5.88E-86	1.25E-84	184.1211
PALMD	1.235419	2.207118	15.61216	3.62E-41	2.23E-40	80.91282

FRRS1	1. 445508	1. 253726	22. 06471	4. 80E-66	5. 30E-65	138. 2082
SLC35A3	1. 467925	2. 677208	22. 98392	1. 64E-69	2. 00E-68	146. 1998
HIAT1	1. 037225	3. 767331	16. 12687	3. 74E-43	2. 41E-42	85. 48093
VCAM1	2. 382365	3. 257026	19. 69739	5. 51E-57	4. 81E-56	117. 3298
SLC30A7	1. 008388	2. 402355	19. 22795	3. 59E-55	3. 00E-54	113. 1518
S1PR1	1. 336328	2. 858086	14. 06433	2. 96E-35	1. 62E-34	67. 31792
COL11A1	4. 814179	2. 551432	32. 54394	3. 93E-103	1. 96E-101	223. 7451
RNPC3	-1. 34965	3. 525803	-18. 3058	1. 34E-51	1. 03E-50	104. 925
AMY2B	-5. 63101	7. 478045	-23. 1024	5. 89E-70	7. 29E-69	147. 224
AMY2A	-8. 04646	8. 590877	-20. 2295	4. 91E-59	4. 49E-58	122. 0532
P5-1108M17.	-2. 686	2. 835445	-6. 88057	3. 19E-11	1. 01E-10	12. 33836
AMYP1	-2. 22938	2. 797111	-8. 10162	1. 18E-14	4. 15E-14	20. 12899
SLC25A24	2. 323039	2. 983751	31. 57184	6. 17E-100	2. 57E-98	216. 37
FAM102B	1. 848425	1. 987471	30. 02261	9. 79E-95	3. 14E-93	204. 3718
HENMT1	2. 492693	1. 826035	40. 09262	2. 95E-126	6. 14E-124	277. 1082
GPSM2	1. 56194	1. 853199	25. 95676	1. 80E-80	3. 13E-79	171. 4687
WDR47	1. 022828	1. 786179	20. 06969	2. 02E-58	1. 83E-57	120. 6361
RP11-20024. 4	-1. 09246	2. 300612	-15. 9293	2. 17E-42	1. 37E-41	83. 72505
TAF13	1. 914306	3. 840073	31. 01616	4. 37E-98	1. 66E-96	212. 1011
TMEM167B	1. 336317	3. 581234	22. 07837	4. 26E-66	4. 71E-65	138. 3275
KIAA1324	-1. 63383	4. 714284	-12. 2493	1. 64E-28	7. 84E-28	51. 83163
PSRC1	1. 429823	1. 465413	27. 67038	1. 37E-86	2. 98E-85	185. 5819
SORT1	1. 794402	3. 361784	28. 46565	2. 23E-89	5. 50E-88	192. 0113
PSMA5	2. 068385	4. 898982	32. 04993	1. 63E-101	7. 38E-100	220. 0119
GNAI3	1. 261435	1. 62158	32. 77133	7. 14E-104	3. 74E-102	225. 4532
GSTM4	1. 111364	4. 155677	13. 59971	1. 66E-33	8. 82E-33	63. 29617
GSTM2	-1. 30502	5. 066777	-14. 2678	5. 02E-36	2. 79E-35	69. 08887
GSTM5	1. 41323	1. 941386	16. 58946	6. 08E-45	4. 06E-44	89. 59898
EPS8L3	5. 040656	3. 086322	38. 21117	9. 15E-121	1. 35E-118	264. 4351
CSF1	1. 489525	3. 437286	15. 95566	1. 72E-42	1. 09E-41	83. 95953
AHCYL1	1. 085994	4. 775245	16. 09228	5. 09E-43	3. 26E-42	85. 1734
RBM15	1. 011365	1. 437942	26. 90638	7. 01E-84	1. 37E-82	179. 3329
SLC16A4	2. 833102	1. 878999	32. 19088	5. 61E-102	2. 62E-100	221. 0802
LAMTOR5	2. 017205	6. 131241	28. 96272	4. 21E-91	1. 13E-89	195. 9902
CYMP	1. 106982	0. 542912	9. 556859	3. 48E-19	1. 36E-18	30. 46579
CD53	3. 083445	3. 639201	26. 87842	8. 82E-84	1. 72E-82	179. 1029
LRIF1	1. 626198	2. 145127	27. 43461	9. 31E-86	1. 96E-84	183. 6609
DRAM2	1. 671763	4. 767133	25. 2555	6. 35E-78	1. 02E-76	165. 5943
CEPT1	1. 029115	3. 44321	15. 69632	1. 72E-41	1. 07E-40	81. 65857
P5-1180E21.	1. 633265	2. 734961	20. 25667	3. 86E-59	3. 54E-58	122. 294
DENND2D	1. 970401	3. 931435	26. 78207	1. 95E-83	3. 76E-82	178. 3095
CHI3L2	1. 520757	1. 076999	18. 84512	1. 09E-53	8. 77E-53	109. 7389
ATP5F1	1. 38054	6. 5961	19. 61325	1. 16E-56	1. 01E-55	116. 5816
Clorf162	2. 159274	3. 260798	21. 68741	1. 30E-64	1. 38E-63	134. 9071
ADORA3	1. 362819	1. 494862	16. 25566	1. 19E-43	7. 73E-43	86. 62641
RAP1A	2. 019668	4. 534653	28. 01538	8. 38E-88	1. 91E-86	188. 3805
CTTNBP2NL	2. 268386	2. 281161	35. 80631	1. 73E-113	1. 62E-111	247. 641
CAPZA1	1. 89972	4. 882744	27. 84739	3. 26E-87	7. 25E-86	187. 0196
MOV10	1. 312674	4. 719451	17. 24932	1. 68E-47	1. 18E-46	95. 48653
RHOC	3. 154133	7. 089426	36. 29099	5. 60E-115	5. 80E-113	251. 0807
RP3-522D1. 1	1. 001154	0. 510585	19. 83051	1. 69E-57	1. 49E-56	118. 5127
SLC16A1	2. 969113	2. 239996	41. 18678	2. 27E-129	6. 15E-127	284. 2968
PHTF1	1. 154893	2. 804365	21. 54971	4. 34E-64	4. 55E-63	133. 6994
PTPN22	1. 133485	1. 252276	20. 25726	3. 84E-59	3. 52E-58	122. 2992

BCL2L15	1. 97383	3. 921962	20. 00374	3. 63E-58	3. 26E-57	120. 0509
DCLRE1B	1. 354401	1. 166557	35. 30675	6. 13E-112	5. 20E-110	244. 0662
HIPK1	1. 024164	3. 302854	16. 62106	4. 59E-45	3. 07E-44	89. 88065
OLFML3	1. 994126	4. 087923	19. 59191	1. 41E-56	1. 22E-55	116. 3918
BCAS2	1. 527433	3. 966634	25. 21211	9. 14E-78	1. 46E-76	165. 2289
NRAS	1. 833551	2. 964401	30. 49217	2. 52E-96	8. 69E-95	208. 0401
CSDE1	1. 190403	6. 607924	15. 12575	2. 68E-39	1. 59E-38	76. 61394
SIKE1	1. 290479	3. 259136	23. 87586	7. 65E-73	1. 03E-71	153. 8786
TSPAN2	2. 333189	1. 858637	24. 73897	4. 95E-76	7. 44E-75	161. 232
VANGL1	1. 412003	1. 727739	23. 17356	3. 19E-70	3. 99E-69	147. 8389
ATP1A1	1. 424609	8. 077277	15. 62326	3. 28E-41	2. 02E-40	81. 01112
CD58	2. 885805	3. 199339	38. 17782	1. 15E-120	1. 68E-118	264. 2068
IGSF3	1. 759745	1. 748078	25. 98067	1. 48E-80	2. 57E-79	171. 668
CD2	2. 540681	1. 79427	26. 90243	7. 24E-84	1. 42E-82	179. 3004
PTGFRN	2. 567254	4. 477044	33. 77172	4. 27E-107	2. 70E-105	232. 8917
CD101	1. 006895	1. 297315	16. 82792	7. 24E-46	4. 93E-45	91. 72519
FAM46C	-1. 05251	3. 142365	-11. 8323	5. 26E-27	2. 44E-26	48. 37487
GDAP2	1. 018955	2. 141277	19. 36417	1. 07E-55	9. 01E-55	114. 365
WDR3	1. 098522	2. 20694	15. 51944	8. 23E-41	5. 04E-40	80. 09186
TBX15	1. 34684	0. 703272	18. 28748	1. 58E-51	1. 21E-50	104. 7609
HMGCS2	1. 546674	1. 899082	8. 398946	1. 52E-15	5. 46E-15	22. 15498
REG4	1. 217783	5. 356827	4. 521945	8. 67E-06	2. 22E-05	0. 144995
NOTCH2	1. 337178	3. 232754	17. 35881	6. 33E-48	4. 49E-47	96. 46436
AC241377. 2	1. 058713	1. 16176	18. 81572	1. 41E-53	1. 14E-52	109. 4766
LINC00623	1. 332303	3. 196986	20. 73337	5. 70E-61	5. 51E-60	126. 5116
FCGR1B	1. 131838	1. 134188	17. 96071	2. 92E-50	2. 18E-49	101. 8418
FAM72B	1. 005927	0. 690179	29. 16347	8. 54E-92	2. 38E-90	197. 5884
SRGAP2C	1. 487988	1. 608792	25. 20493	9. 71E-78	1. 55E-76	165. 1685
JH17-13I23. 5	1. 396409	1. 501356	14. 49477	6. 89E-37	3. 90E-36	71. 07146
SRGAP2D	1. 076264	0. 742451	14. 21359	8. 05E-36	4. 45E-35	68. 61666
RP11-14N7. 2	2. 311379	2. 318767	24. 74683	4. 63E-76	6. 97E-75	161. 2986
SRGAP2B	1. 878255	1. 876863	25. 65562	2. 22E-79	3. 73E-78	168. 9529
P11-403I13.	1. 009998	2. 947011	15. 24429	9. 40E-40	5. 64E-39	77. 6597
AC241585. 2	1. 260915	2. 338057	18. 12842	6. 53E-51	4. 93E-50	103. 3401
P11-289I10.	2. 141871	1. 737823	33. 39076	7. 10E-106	4. 19E-104	230. 0736
POLR3C	1. 172898	3. 449059	21. 65814	1. 68E-64	1. 78E-63	134. 6504
PIAS3	1. 153719	4. 148642	15. 46882	1. 29E-40	7. 87E-40	79. 64398
ANKRD35	1. 135242	0. 894496	24. 17359	6. 02E-74	8. 47E-73	156. 424
PEX11B	1. 778169	4. 120303	30. 68305	5. 73E-97	2. 04E-95	209. 5234
RBM8A	2. 390911	5. 697712	34. 73306	3. 83E-110	2. 89E-108	239. 9236
LIX1L	2. 120114	2. 640556	35. 1311	2. 17E-111	1. 77E-109	242. 8021
POLR3GL	1. 93815	4. 149062	33. 21214	2. 67E-105	1. 52E-103	228. 7462
TXNIP	1. 284135	7. 944156	11. 07335	2. 58E-24	1. 13E-23	42. 20672
NUDT4P2	1. 818499	2. 255884	20. 68498	8. 74E-61	8. 40E-60	126. 0841
CHD1L	1. 399824	3. 447398	23. 56907	1. 06E-71	1. 38E-70	151. 2463
BCL9	1. 291536	2. 336309	22. 16299	2. 04E-66	2. 28E-65	139. 0662
ACP6	1. 530535	3. 729991	20. 46552	6. 08E-60	5. 70E-59	124. 1435
GJA5	1. 81285	1. 580329	26. 03683	9. 25E-81	1. 62E-79	172. 1359
AC245100. 1	1. 444548	2. 221183	24. 02468	2. 14E-73	2. 95E-72	155. 1521
NBPF14	1. 264195	3. 388486	17. 01657	1. 34E-46	9. 31E-46	93. 40853
NUDT4P1	1. 818499	2. 255884	20. 68498	8. 74E-61	8. 40E-60	126. 0841
PDE4DIP	1. 268337	4. 282109	13. 53528	2. 90E-33	1. 53E-32	62. 7412
I2-1896014.	1. 281584	1. 560479	16. 63815	3. 94E-45	2. 64E-44	90. 03296
LINC00869	1. 049429	3. 898453	16. 98402	1. 80E-46	1. 24E-45	93. 11798

FCGR1A	2. 905042	2. 538817	31. 19543	1. 10E-98	4. 28E-97	213. 4825
HIST2H4A	1. 73158	2. 596237	15. 8907	3. 06E-42	1. 93E-41	83. 38278
HIST2H2AA3	2. 531125	4. 007348	15. 31004	5. 26E-40	3. 17E-39	78. 24033
HIST2H2BE	1. 813754	2. 952284	15. 92187	2. 32E-42	1. 47E-41	83. 65952
AC239868. 3	3. 54709	2. 802807	20. 71331	6. 81E-61	6. 56E-60	126. 3344
HIST2H2AA4	2. 461123	3. 124544	12. 38683	5. 17E-29	2. 49E-28	52. 98147
AC239868. 2	3. 54709	2. 802807	20. 71331	6. 81E-61	6. 56E-60	126. 3344
HIST2H4B	1. 525904	1. 873261	17. 23447	1. 92E-47	1. 35E-46	95. 35392
SV2A	1. 290087	1. 150598	20. 71092	6. 95E-61	6. 70E-60	126. 3133
SF3B4	2. 079289	4. 534598	33. 63064	1. 21E-106	7. 37E-105	231. 8502
MTMR11	3. 321695	3. 611491	28. 3277	6. 76E-89	1. 63E-87	190. 9015
OTUD7B	1. 348448	1. 861086	30. 09337	5. 63E-95	1. 82E-93	204. 9264
VPS45	1. 363906	3. 904225	26. 57621	1. 06E-82	2. 00E-81	176. 6106
PLEKH01	3. 229111	3. 541272	37. 76183	1. 99E-119	2. 69E-117	261. 3487
ANP32E	2. 351853	3. 173226	39. 27631	6. 78E-124	1. 19E-121	271. 6588
CA14	1. 134184	0. 663455	16. 40521	3. 14E-44	2. 06E-43	87. 95759
APH1A	2. 024094	6. 158391	29. 14244	1. 01E-91	2. 80E-90	197. 4213
Clorf54	3. 125229	2. 914276	41. 48968	3. 19E-130	9. 14E-128	286. 2638
CIART	1. 590331	2. 044774	19. 00991	2. 50E-54	2. 05E-53	111. 2086
MRPS21	1. 699079	5. 075975	26. 96558	4. 31E-84	8. 52E-83	179. 8196
RPRD2	1. 160351	2. 862022	19. 10578	1. 07E-54	8. 81E-54	112. 0632
TARS2	1. 332774	3. 391989	25. 09107	2. 53E-77	3. 97E-76	164. 2088
ECM1	4. 349799	3. 491588	39. 31429	5. 26E-124	9. 30E-122	271. 914
ADAMTSL4	1. 771631	2. 86893	18. 86756	8. 90E-54	7. 19E-53	109. 9391
MCL1	1. 496943	6. 566355	16. 28397	9. 25E-44	6. 02E-43	86. 87836
ENSA	1. 850032	5. 915592	28. 1258	3. 44E-88	7. 97E-87	189. 2732
GOLPH3L	1. 287752	3. 953223	19. 16918	6. 05E-55	5. 04E-54	112. 6282
CTSS	4. 527898	4. 667557	41. 22205	1. 80E-129	4. 94E-127	284. 5263
CTSK	4. 485747	4. 412001	38. 54641	9. 34E-122	1. 48E-119	266. 7226
CERS2	1. 389249	6. 315251	17. 56941	9. 64E-49	6. 96E-48	98. 34567
P11-316M1. 1	3. 180697	1. 881216	22. 32941	4. 78E-67	5. 43E-66	140. 5171
PRUNE	1. 455321	3. 073918	28. 40474	3. 64E-89	8. 87E-88	191. 5216
CDC42SE1	1. 355886	5. 121198	17. 94329	3. 41E-50	2. 54E-49	101. 6861
GABPB2	1. 016149	1. 938839	19. 19855	4. 66E-55	3. 89E-54	112. 8899
TNFAIP8L2	1. 870069	1. 516108	25. 77708	8. 05E-80	1. 37E-78	169. 9689
SCNM1	2. 042764	4. 40006	33. 37587	7. 93E-106	4. 65E-104	229. 9632
LYSMD1	1. 000133	1. 98988	22. 75697	1. 17E-68	1. 39E-67	144. 2337
VPS72	1. 942459	4. 285411	34. 51458	1. 87E-109	1. 37E-107	238. 3355
PIP5K1A	1. 317985	3. 667971	20. 22708	5. 02E-59	4. 59E-58	122. 0318
PSMD4	1. 795557	6. 314067	25. 37684	2. 29E-78	3. 73E-77	166. 6147
PI4KB	1. 144201	4. 738114	19. 08621	1. 27E-54	1. 05E-53	111. 8888
RFX5	1. 862886	3. 240696	28. 11573	3. 73E-88	8. 63E-87	189. 1919
SELENBP1	1. 251975	4. 874444	13. 40003	9. 31E-33	4. 87E-32	61. 57862
PSMB4	1. 847467	7. 077542	25. 46053	1. 14E-78	1. 86E-77	167. 3176
CGN	1. 045079	4. 753735	12. 10668	5. 39E-28	2. 55E-27	50. 64448
TUFT1	1. 443436	3. 538369	18. 35629	8. 53E-52	6. 59E-51	105. 3755
SNX27	1. 359806	2. 672381	25. 58986	3. 85E-79	6. 42E-78	168. 4021
MRPL9	1. 569741	4. 933582	25. 82107	5. 58E-80	9. 55E-79	170. 3364
TDRKH	1. 016929	1. 829245	20. 33554	1. 92E-59	1. 77E-58	122. 9928
S100A10	4. 643238	7. 849624	45. 15052	3. 42E-140	2. 20E-137	309. 2758
S100A11	4. 565054	8. 547176	40. 61047	9. 75E-128	2. 26E-125	280. 5269
SPRR1A	1. 837237	1. 5349	10. 6698	6. 47E-23	2. 75E-22	39. 0002
SPRR3	1. 469722	2. 194177	7. 741293	1. 33E-13	4. 54E-13	17. 73859
SPRR1B	2. 712548	1. 776791	14. 86706	2. 62E-38	1. 53E-37	74. 33647

S100A9	2.060336	5.081522	13.62712	1.31E-33	6.97E-33	63.53248
S100A8	1.37784	3.838389	9.220476	4.23E-18	1.61E-17	27.98654
BX470102.3	2.712389	1.45256	26.93711	5.45E-84	1.07E-82	179.5856
S100A6	6.522998	8.932507	55.42572	2.88E-165	1.45E-161	367.1553
S100A5	1.030173	0.514074	21.6867	1.31E-64	1.39E-63	134.9008
S100A4	4.508913	6.357338	31.37054	2.88E-99	1.15E-97	214.8281
S100A3	1.958493	1.339948	29.49435	6.23E-93	1.82E-91	200.2118
S100A2	4.976766	3.084828	25.30391	4.23E-78	6.82E-77	166.0016
S100A16	4.677405	6.147682	51.29675	1.15E-155	2.17E-152	344.9923
S100A14	4.875224	5.080241	41.21285	1.92E-129	5.22E-127	284.4665
S100A13	2.797927	6.285144	34.80228	2.32E-110	1.78E-108	240.4256
RP1-178F15.5	1.402009	1.260938	28.32051	7.17E-89	1.72E-87	190.8436
SNAPIN	1.816584	4.163779	31.25149	7.16E-99	2.81E-97	213.9137
ILF2	1.677923	5.923918	25.55355	5.21E-79	8.65E-78	168.0979
AL513523.2	2.107745	3.009945	21.13152	1.71E-62	1.71E-61	130.0231
SLC27A3	1.725721	4.147152	22.6099	4.18E-68	4.90E-67	142.9571
CRTC2	1.224409	4.505452	18.87811	8.10E-54	6.55E-53	110.0332
SLC39A1	2.504624	5.387298	33.55778	2.07E-106	1.24E-104	231.3114
CREB3L4	1.000639	3.631257	15.78887	7.55E-42	4.72E-41	82.47921
RAB13	1.712694	6.223863	25.84271	4.66E-80	7.99E-79	170.5171
TPM3	2.738172	6.665445	36.45055	1.82E-115	1.93E-113	252.207
Clorf43	1.521593	6.375852	21.58953	3.06E-64	3.22E-63	134.0488
UBAP2L	1.310649	5.304369	20.26493	3.59E-59	3.29E-58	122.3672
ATP8B2	1.315869	2.775985	15.8899	3.08E-42	1.94E-41	83.37564
UBE2Q1	1.254289	5.045972	18.54102	1.64E-52	1.28E-51	107.025
ADAR	1.62722	5.101546	22.81279	7.20E-69	8.62E-68	144.7177
PMVK	1.987442	4.641958	31.46276	1.42E-99	5.79E-98	215.5351
PBXIP1	2.365837	4.928204	35.22213	1.13E-111	9.47E-110	243.4576
PYG02	1.670016	3.69805	29.7823	6.45E-94	1.99E-92	202.4837
SHC1	1.703287	5.331573	23.1638	3.47E-70	4.33E-69	147.7546
CKS1B	2.974268	4.667515	40.06254	3.60E-126	7.42E-124	276.9088
FLAD1	1.768993	3.912153	29.77654	6.75E-94	2.07E-92	202.4384
ZBTB7B	1.049216	4.210268	14.67104	1.47E-37	8.45E-37	72.6154
P11-307C12.1	1.006557	0.834836	22.45265	1.64E-67	1.89E-66	141.5901
ADAM15	2.269344	5.589324	26.79168	1.80E-83	3.48E-82	178.3887
EFNA4	2.570329	2.853818	39.26862	7.14E-124	1.25E-121	271.6072
EFNA3	2.649625	1.891512	29.56026	3.70E-93	1.10E-91	200.7327
EFNA1	1.9704	5.711177	17.70951	2.76E-49	2.01E-48	99.59738
SLC50A1	1.41086	5.356593	18.45595	3.50E-52	2.73E-51	106.2655
DPM3	1.08401	5.861901	14.16896	1.19E-35	6.55E-35	68.22802
KRTCAP2	1.444832	7.37557	19.50773	2.97E-56	2.55E-55	115.6429
MUC1	3.099752	8.053449	22.85903	4.82E-69	5.81E-68	145.1185
AC234582.1	1.620803	3.992253	9.441981	8.21E-19	3.18E-18	29.61348
MTX1	2.00796	4.587578	34.24502	1.33E-108	9.21E-107	236.3679
GBA	2.094875	4.611889	35.62116	6.47E-113	5.85E-111	246.3196
FAM189B	1.499305	3.341894	23.17235	3.22E-70	4.03E-69	147.8285
SCAMP3	1.571231	5.340284	24.94197	8.90E-77	1.37E-75	162.9499
FDPS	1.593706	6.389883	20.86688	1.76E-61	1.72E-60	127.6903
RUSC1	1.796967	4.187638	25.94522	1.98E-80	3.44E-79	171.3725
YY1AP1	1.291484	4.682683	20.85547	1.94E-61	1.90E-60	127.5896
DAP3	1.312522	5.65251	20.73189	5.78E-61	5.58E-60	126.4985
SYT11	2.092597	1.840203	25.95326	1.85E-80	3.22E-79	171.4395
RIT1	1.904424	2.944156	31.70448	2.25E-100	9.56E-99	217.3833
ARHGEF2	2.752398	4.09808	36.50611	1.23E-115	1.33E-113	252.5984

LAMTOR2	1. 741372	5. 930106	24. 77474	3. 66E-76	5. 52E-75	161. 535
RAB25	2. 560189	5. 953841	29. 55679	3. 80E-93	1. 12E-91	200. 7054
LMNA	3. 232472	6. 613756	39. 85696	1. 41E-125	2. 79E-123	275. 5427
SEMA4A	1. 555469	2. 153701	26. 83469	1. 26E-83	2. 45E-82	178. 7429
SLC25A44	1. 497005	2. 85138	29. 22787	5. 12E-92	1. 44E-90	198. 1002
PMF1	1. 439325	4. 768673	24. 34358	1. 42E-74	2. 03E-73	157. 8732
SMG5	1. 163793	4. 59439	16. 97012	2. 04E-46	1. 40E-45	92. 99391
TMEM79	1. 310063	1. 952248	21. 09542	2. 35E-62	2. 35E-61	129. 7053
GLMP	2. 281607	4. 829248	34. 09212	4. 07E-108	2. 73E-106	235. 2479
CCT3	1. 867372	6. 261246	25. 67139	1. 95E-79	3. 27E-78	169. 0849
MEF2D	1. 004317	3. 947994	16. 72486	1. 82E-45	1. 23E-44	90. 80598
IQGAP3	2. 453918	1. 335362	35. 19365	1. 38E-111	1. 15E-109	243. 2526
APOA1BP	1. 623487	5. 520587	25. 86249	3. 95E-80	6. 79E-79	170. 6823
GPATCH4	1. 258285	3. 774243	20. 51788	3. 83E-60	3. 61E-59	124. 6068
P11-284F21.	1. 311066	0. 727848	16. 75901	1. 34E-45	9. 08E-45	91. 11052
P11-284F21. 1	2. 050778	1. 162933	25. 77061	8. 50E-80	1. 45E-78	169. 9148
P11-284F21.	1. 466938	0. 863107	21. 57762	3. 40E-64	3. 57E-63	133. 9443
NES	2. 178874	2. 602648	27. 78605	5. 36E-87	1. 18E-85	186. 5218
CRABP2	4. 967754	3. 414772	35. 95666	5. 96E-114	5. 80E-112	248. 711
ISG20L2	1. 635076	3. 458572	28. 59037	8. 22E-90	2. 07E-88	193. 0124
MRPL24	1. 080033	5. 888453	13. 75812	4. 23E-34	2. 27E-33	64. 66358
HDGF	2. 37097	6. 406259	31. 43849	1. 71E-99	6. 94E-98	215. 3491
PRCC	1. 881165	4. 623169	32. 51776	4. 78E-103	2. 38E-101	223. 548
SH2D2A	1. 986267	1. 616619	30. 09602	5. 52E-95	1. 79E-93	204. 9471
KRT8P45	1. 006959	0. 977949	15. 20656	1. 31E-39	7. 85E-39	77. 3267
ETV3	1. 814269	2. 327114	32. 46591	7. 06E-103	3. 47E-101	223. 1575
FCRL5	1. 00256	0. 585088	13. 06351	1. 67E-31	8. 48E-31	58. 70012
KIRREL	2. 271103	2. 421447	27. 38849	1. 36E-85	2. 83E-84	183. 2844
CD1D	1. 091438	1. 064424	16. 722	1. 86E-45	1. 26E-44	90. 78048
CD1A	1. 225378	0. 595624	19. 00488	2. 62E-54	2. 14E-53	111. 1637
CD1C	2. 006863	1. 153324	22. 40007	2. 58E-67	2. 96E-66	141. 1325
CD1E	1. 406015	0. 814309	19. 44042	5. 41E-56	4. 61E-55	115. 0439
MNDA	2. 114175	1. 846779	22. 11588	3. 07E-66	3. 41E-65	138. 655
IFI16	3. 467432	4. 524421	38. 08654	2. 14E-120	3. 07E-118	263. 5814
ACKR1	1. 549823	3. 319327	9. 675933	1. 42E-19	5. 61E-19	31. 35524
FCER1A	1. 988036	1. 16318	22. 3069	5. 81E-67	6. 59E-66	140. 3211
APCS	2. 252249	2. 74848	10. 29872	1. 19E-21	4. 93E-21	36. 10173
CRP	1. 987625	3. 858022	6. 637155	1. 38E-10	4. 31E-10	10. 89572
DUSP23	1. 74598	5. 367544	16. 01124	1. 05E-42	6. 67E-42	84. 45328
SLAMF8	2. 633276	2. 03156	31. 58642	5. 52E-100	2. 30E-98	216. 4815
CFAP45	1. 042039	0. 709359	16. 01001	1. 06E-42	6. 74E-42	84. 44235
TAGLN2	3. 081876	8. 043497	29. 84831	3. 84E-94	1. 19E-92	203. 0031
IGSF9	2. 06073	1. 889238	22. 5227	8. 90E-68	1. 03E-66	142. 1994
LINC01133	4. 29215	2. 306662	34. 00667	7. 60E-108	5. 00E-106	234. 6208
IGSF8	1. 400008	4. 379344	21. 1412	1. 57E-62	1. 58E-61	130. 1084
PEA15	2. 822975	5. 417704	36. 82715	1. 30E-116	1. 48E-114	254. 8532
PEX19	1. 626796	3. 720599	27. 69063	1. 16E-86	2. 53E-85	185. 7465
COPA	1. 531048	5. 047068	22. 79926	8. 09E-69	9. 68E-68	144. 6005
SUMO1P3	1. 549145	1. 173656	21. 37745	1. 97E-63	2. 02E-62	132. 1867
NCSTN	1. 224012	5. 565973	18. 82324	1. 32E-53	1. 06E-52	109. 5438
SLAMF6	1. 649898	1. 062109	21. 13016	1. 73E-62	1. 73E-61	130. 0112
CD48	3. 030309	2. 228749	26. 68201	4. 44E-83	8. 47E-82	177. 4844
SLAMF7	2. 457406	1. 437582	30. 56374	1. 44E-96	5. 05E-95	208. 5968
LY9	1. 233485	0. 772634	16. 17943	2. 34E-43	1. 51E-42	85. 94826

ITLN1	1. 274719	0. 952291	7. 64166	2. 56E-13	8. 68E-13	17. 09066
F11R	2. 163904	5. 064371	28. 06818	5. 47E-88	1. 26E-86	188. 8076
TSTD1	1. 02348	5. 789625	13. 39359	9. 84E-33	5. 14E-32	61. 52333
USF1	1. 114352	4. 981537	16. 68476	2. 60E-45	1. 75E-44	90. 44847
ARHGAP30	2. 255414	2. 017928	27. 47388	6. 76E-86	1. 43E-84	183. 9814
PVRL4	3. 044362	2. 970993	32. 5532	3. 66E-103	1. 83E-101	223. 8148
PFDN2	2. 671126	5. 413789	38. 18074	1. 13E-120	1. 65E-118	264. 2268
DEDD	1. 481854	4. 022018	25. 71991	1. 30E-79	2. 20E-78	169. 4909
UFC1	1. 075494	6. 525251	15. 06912	4. 41E-39	2. 62E-38	76. 1148
ADAMTS4	1. 735062	2. 19911	15. 56687	5. 41E-41	3. 32E-40	80. 51173
NDUFS2	1. 071818	5. 589886	16. 42594	2. 61E-44	1. 72E-43	88. 14214
FCER1G	3. 237217	4. 725294	28. 05717	5. 98E-88	1. 37E-86	188. 7185
TOMM40L	1. 652219	2. 266212	33. 97215	9. 79E-108	6. 38E-106	234. 3672
SDHC	2. 005867	6. 039599	29. 36779	1. 69E-92	4. 84E-91	199. 21
FCGR2A	2. 994108	3. 370243	24. 63877	1. 16E-75	1. 72E-74	160. 3824
HSPA6	1. 813522	1. 793581	13. 46636	5. 26E-33	2. 76E-32	62. 14842
FCGR3A	3. 529495	3. 34238	29. 23003	5. 04E-92	1. 41E-90	198. 1173
FCGR2B	2. 875467	2. 192125	28. 55189	1. 12E-89	2. 79E-88	192. 7038
HSPA7	1. 417516	1. 917454	12. 25046	1. 62E-28	7. 76E-28	51. 84153
FCGR3B	1. 283081	0. 952288	13. 69247	7. 46E-34	3. 98E-33	64. 09638
FCRLA	1. 004567	0. 525473	10. 28712	1. 31E-21	5. 39E-21	36. 01196
OLFML2B	4. 37636	2. 822742	46. 11165	1. 03E-142	8. 54E-140	315. 0934
UHMK1	1. 91314	2. 990645	33. 37408	8. 04E-106	4. 71E-104	229. 9499
DDR2	2. 10508	2. 027806	23. 86374	8. 48E-73	1. 14E-71	153. 7748
RGS4	2. 056405	1. 892073	19. 63736	9. 39E-57	8. 16E-56	116. 796
RGS5	2. 388608	3. 970132	22. 01787	7. 22E-66	7. 94E-65	137. 799
NUF2	2. 080874	1. 188391	38. 11473	1. 77E-120	2. 57E-118	263. 7747
MGST3	2. 200681	6. 352292	29. 62308	2. 26E-93	6. 74E-92	201. 2287
ALDH9A1	1. 243521	4. 449374	20. 41382	9. 60E-60	8. 96E-59	123. 6859
TMC01	2. 365582	5. 467184	36. 02689	3. 62E-114	3. 60E-112	249. 2099
UCK2	1. 474136	3. 960674	24. 2914	2. 21E-74	3. 15E-73	157. 4286
POGK	1. 572665	3. 138116	28. 4438	2. 66E-89	6. 53E-88	191. 8356
TADA1	1. 080221	2. 284425	23. 15063	3. 88E-70	4. 84E-69	147. 6409
GPA33	1. 511438	0. 753813	16. 89686	3. 92E-46	2. 68E-45	92. 34019
CD247	1. 874118	1. 30697	23. 86442	8. 43E-73	1. 14E-71	153. 7806
CREG1	1. 431097	5. 364376	21. 00826	5. 05E-62	5. 01E-61	128. 9372
RCSD1	2. 087055	1. 671985	23. 15055	3. 89E-70	4. 84E-69	147. 6402
MPZL1	2. 702658	4. 884673	37. 31279	4. 42E-118	5. 50E-116	258. 2409
MPC2	1. 642851	5. 06858	23. 91453	5. 49E-73	7. 45E-72	154. 2098
DCAF6	1. 737484	4. 074149	30. 91624	9. 45E-98	3. 50E-96	211. 3294
GCSHP5	1. 271291	3. 117969	20. 54159	3. 10E-60	2. 93E-59	124. 8165
TIPRL	1. 50837	3. 310301	28. 65423	4. 93E-90	1. 26E-88	193. 5244
SFT2D2	1. 427169	2. 390171	31. 28228	5. 66E-99	2. 23E-97	214. 1504
ATP1B1	2. 680777	6. 477005	27. 34709	1. 90E-85	3. 95E-84	182. 9462
NME7	2. 049173	3. 163768	28. 26165	1. 15E-88	2. 73E-87	190. 3694
BLZF1	1. 765872	2. 817019	29. 96888	1. 49E-94	4. 74E-93	203. 9502
F5	3. 174478	2. 345271	22. 96841	1. 87E-69	2. 28E-68	146. 0656
SELP	1. 91422	1. 748994	18. 42725	4. 53E-52	3. 52E-51	106. 0092
Clorf112	1. 228046	1. 409354	31. 03478	3. 79E-98	1. 44E-96	212. 2447
SELL	2. 60099	1. 670991	24. 64201	1. 12E-75	1. 67E-74	160. 4099
METTL18	1. 321052	2. 109641	28. 21118	1. 73E-88	4. 06E-87	189. 9624
SCYL3	1. 007196	2. 32935	18. 83306	1. 21E-53	9. 75E-53	109. 6313
KIFAP3	1. 636824	3. 393682	28. 262	1. 15E-88	2. 72E-87	190. 3722
PRRX1	3. 062256	2. 575321	29. 27628	3. 49E-92	9. 86E-91	198. 4844

FM01	1. 437042	1. 576491	16. 37892	3. 97E-44	2. 60E-43	87. 72346
PRRC2C	1. 403714	4. 552213	20. 56959	2. 42E-60	2. 30E-59	125. 0641
METTL13	1. 746507	3. 511836	32. 88977	2. 95E-104	1. 57E-102	226. 3404
DNM3	1. 178471	0. 947831	26. 25974	1. 45E-81	2. 62E-80	173. 9893
PIGC	1. 472557	4. 169648	25. 50182	8. 04E-79	1. 32E-77	167. 664
TNFSF4	1. 630096	1. 078979	24. 81261	2. 65E-76	4. 04E-75	161. 8557
KLHL20	1. 349517	2. 443899	24. 03483	1. 97E-73	2. 71E-72	155. 2388
CENPL	1. 390643	1. 183516	35. 61116	6. 95E-113	6. 23E-111	246. 2481
DARS2	1. 546409	2. 484937	30. 32648	9. 13E-96	3. 06E-94	206. 7489
RABGAP1L	1. 793823	3. 604381	32. 42542	9. 57E-103	4. 66E-101	222. 8522
CACYBP	1. 823165	4. 689879	25. 08053	2. 77E-77	4. 34E-76	164. 1199
MRPS14	1. 150824	3. 808661	22. 40746	2. 42E-67	2. 78E-66	141. 1968
KIAA0040	1. 074723	3. 678409	11. 97666	1. 59E-27	7. 46E-27	49. 56648
RFWD2	1. 851727	4. 130493	33. 54404	2. 29E-106	1. 37E-104	231. 2097
P11-568K15.	1. 531256	3. 017097	21. 11581	1. 96E-62	1. 96E-61	129. 8848
RASAL2	1. 361677	2. 118761	20. 58468	2. 12E-60	2. 02E-59	125. 1975
RP4-765C7. 2	-1. 67313	1. 242736	-8. 8805	5. 03E-17	1. 87E-16	25. 53333
RALGPS2	1. 483591	2. 099243	25. 37103	2. 41E-78	3. 91E-77	166. 5659
FAM20B	1. 730047	2. 923347	34. 08858	4. 17E-108	2. 79E-106	235. 222
TOR3A	1. 541571	3. 887343	28. 31406	7. 55E-89	1. 81E-87	190. 7917
ABL2	1. 181506	1. 96131	21. 08363	2. 60E-62	2. 60E-61	129. 6014
SOAT1	1. 04037	3. 04056	14. 57124	3. 52E-37	2. 01E-36	71. 7408
TOR1AIP2	1. 165266	3. 22353	21. 43126	1. 23E-63	1. 27E-62	132. 6595
TOR1AIP1	1. 322107	3. 763739	20. 328	2. 05E-59	1. 90E-58	122. 926
CEP350	1. 04674	2. 637926	20. 26673	3. 53E-59	3. 24E-58	122. 3831
QSOX1	2. 471791	6. 384753	29. 29098	3. 11E-92	8. 80E-91	198. 6011
ACBD6	1. 124145	4. 481846	19. 76839	2. 93E-57	2. 58E-56	117. 9608
XPR1	1. 252784	2. 742719	19. 94714	6. 00E-58	5. 35E-57	119. 5485
STX6	2. 366454	2. 560062	48. 06836	1. 00E-147	1. 14E-144	326. 6637
MR1	2. 567177	2. 418505	44. 24819	8. 62E-138	4. 50E-135	303. 7312
IER5	2. 165144	2. 557241	31. 37846	2. 71E-99	1. 08E-97	214. 8888
RNASEL	1. 716849	1. 959552	33. 48094	3. 64E-106	2. 18E-104	230. 7424
RGS16	2. 233013	2. 838156	20. 82017	2. 65E-61	2. 58E-60	127. 2781
NPL	2. 115092	2. 277812	31. 34255	3. 56E-99	1. 42E-97	214. 6132
DHX9	1. 679067	5. 220148	27. 63219	1. 87E-86	4. 04E-85	185. 2712
LAMC1	2. 290648	4. 369364	27. 60181	2. 39E-86	5. 14E-85	185. 0239
LAMC2	6. 082459	3. 968474	57. 7057	2. 53E-170	1. 70E-166	378. 8265
SMG7	1. 327972	3. 813808	23. 38476	5. 17E-71	6. 59E-70	149. 6603
NCF2	2. 972146	2. 65523	30. 0973	5. 46E-95	1. 77E-93	204. 9571
ARPC5	2. 891564	5. 797837	39. 97235	6. 55E-126	1. 34E-123	276. 31
RGL1	1. 377986	2. 06167	19. 40631	7. 33E-56	6. 22E-55	114. 7403
TSEN15	1. 526201	3. 395934	28. 16418	2. 52E-88	5. 89E-87	189. 5831
Clorf21	2. 051117	3. 524635	24. 31849	1. 75E-74	2. 50E-73	157. 6595
RNF2	1. 47487	2. 546937	24. 90634	1. 20E-76	1. 85E-75	162. 6487
TRMT1L	1. 271495	2. 278414	25. 09614	2. 43E-77	3. 81E-76	164. 2516
IVNS1ABP	1. 348932	5. 273711	17. 17597	3. 24E-47	2. 27E-46	94. 83151
HMCN1	2. 142664	1. 553881	19. 5978	1. 34E-56	1. 16E-55	116. 4442
PRG4	1. 183831	0. 938912	15. 54966	6. 30E-41	3. 86E-40	80. 35936
TPR	1. 579765	4. 271238	25. 77111	8. 46E-80	1. 44E-78	169. 919
PTGS2	2. 675161	1. 516321	23. 19091	2. 74E-70	3. 44E-69	147. 9887
PLA2G4A	1. 747672	2. 017897	23. 93181	4. 74E-73	6. 44E-72	154. 3576
RGS1	3. 413459	4. 169211	24. 59777	1. 64E-75	2. 42E-74	160. 0344
TROVE2	1. 269767	2. 334847	21. 24946	6. 05E-63	6. 16E-62	131. 0612
P11-101E13.	1. 422358	3. 645326	23. 99661	2. 72E-73	3. 74E-72	154. 9121

GLRX2	1. 878881	3. 02116	32. 60634	2. 46E-103	1. 25E-101	224. 2145
CDC73	1. 655286	2. 680019	30. 89714	1. 09E-97	4. 05E-96	211. 1817
CFH	3. 237367	3. 888435	32. 47951	6. 37E-103	3. 15E-101	223. 26
ASPM	1. 750822	0. 917253	35. 75059	2. 57E-113	2. 38E-111	247. 2438
ZBTB41	1. 047308	1. 605106	23. 06948	7. 82E-70	9. 65E-69	146. 9397
Clorf53	1. 404495	1. 722828	24. 70134	6. 80E-76	1. 02E-74	160. 9131
NEK7	1. 692782	3. 507921	15. 37147	3. 05E-40	1. 85E-39	78. 7831
PTPRC	2. 411224	2. 291457	20. 73184	5. 78E-61	5. 58E-60	126. 4981
NR5A2	-1. 72273	3. 385963	-16. 9745	1. 96E-46	1. 35E-45	93. 03293
ZNF281	1. 3756	1. 936743	24. 34332	1. 42E-74	2. 03E-73	157. 871
CAMSAP2	1. 860009	2. 163464	32. 07653	1. 33E-101	6. 05E-100	220. 2137
Clorf106	3. 329124	4. 247533	36. 49611	1. 32E-115	1. 42E-113	252. 528
KIF21B	1. 079828	0. 923432	22. 30262	6. 03E-67	6. 84E-66	140. 2837
TMEM9	1. 562104	5. 358036	25. 36178	2. 60E-78	4. 23E-77	166. 4882
IGFN1	-2. 73265	1. 946488	-28. 7307	2. 68E-90	6. 92E-89	194. 1367
PKP1	1. 671737	1. 032062	16. 57446	6. 95E-45	4. 63E-44	89. 46528
LAD1	2. 924007	5. 808533	34. 12764	3. 13E-108	2. 12E-106	235. 5084
RP11-27G14. 4	1. 271872	1. 501519	20. 8718	1. 68E-61	1. 64E-60	127. 7337
PHLDA3	2. 64346	4. 526587	30. 41798	4. 48E-96	1. 53E-94	207. 4624
CSRP1	2. 172694	6. 452788	25. 54822	5. 45E-79	9. 04E-78	168. 0532
NAV1	1. 581631	2. 186403	23. 16487	3. 43E-70	4. 29E-69	147. 7639
IPO9	1. 277498	3. 709051	24. 08879	1. 24E-73	1. 72E-72	155. 6999
SHISA4	1. 526924	3. 360383	23. 66637	4. 60E-72	6. 05E-71	152. 0821
LMOD1	1. 610277	2. 684756	15. 06065	4. 76E-39	2. 82E-38	76. 04023
TIMM17A	1. 765753	4. 313667	31. 41006	2. 13E-99	8. 58E-98	215. 1312
RNPEP	1. 569517	4. 904556	25. 89759	2. 95E-80	5. 08E-79	170. 9752
RP11-465N4. 4	1. 693202	1. 721635	23. 82595	1. 17E-72	1. 58E-71	153. 4511
ELF3	2. 341998	7. 666578	18. 46959	3. 10E-52	2. 42E-51	106. 3872
ARL8A	2. 067688	4. 482804	34. 98536	6. 18E-111	4. 96E-109	241. 7503
PTPN7	1. 874961	1. 4645	23. 53895	1. 37E-71	1. 78E-70	150. 9873
LGR6	2. 124072	1. 154828	23. 19514	2. 64E-70	3. 32E-69	148. 0252
UBE2T	3. 350371	2. 028951	53. 76393	1. 79E-161	6. 36E-158	358. 3998
PPP1R12B	1. 131395	2. 697191	14. 16356	1. 25E-35	6. 87E-35	68. 18104
RP11-175B9. 3	-1. 9612	2. 746808	-22. 2104	1. 35E-66	1. 51E-65	139. 4801
KDM5B	1. 728997	3. 300849	28. 22376	1. 56E-88	3. 68E-87	190. 0638
PCAT6	1. 333324	1. 723109	24. 41864	7. 48E-75	1. 08E-73	158. 5121
RABIF	1. 886373	2. 030164	46. 15191	8. 10E-143	6. 81E-140	315. 3351
KLHL12	1. 152549	3. 283789	23. 07423	7. 51E-70	9. 27E-69	146. 9808
ADIPOR1	1. 43286	5. 39217	22. 84842	5. 29E-69	6. 37E-68	145. 0266
TMEM183A	1. 163011	4. 621504	20. 45237	6. 83E-60	6. 39E-59	124. 0271
CHI3L1	1. 557894	3. 40711	10. 0746	6. 78E-21	2. 76E-20	34. 37594
CHIT1	2. 806429	1. 572442	18. 9492	4. 30E-54	3. 50E-53	110. 6673
BTG2	-1. 48394	6. 354103	-10. 9977	4. 74E-24	2. 06E-23	41. 60168
FMOD	2. 715029	3. 935411	30. 98782	5. 44E-98	2. 05E-96	211. 8823
PRELP	2. 173715	3. 458297	18. 50141	2. 34E-52	1. 82E-51	106. 6714
ATP2B4	2. 32936	3. 874726	25. 12278	1. 94E-77	3. 06E-76	164. 4762
ZC3H11A	1. 077175	5. 031925	16. 21862	1. 65E-43	1. 07E-42	86. 2969
SNRPE	1. 748052	5. 948294	24. 4505	5. 71E-75	8. 30E-74	158. 7831
PLEKHA6	2. 266211	3. 257412	27. 27774	3. 35E-85	6. 88E-84	182. 3792
PPP1R15B	1. 066426	3. 684532	17. 66152	4. 23E-49	3. 08E-48	99. 16861
PIK3C2B	1. 896098	2. 527359	29. 63894	1. 99E-93	5. 97E-92	201. 3539
LRRN2	1. 06754	1. 314358	16. 28618	9. 07E-44	5. 90E-43	86. 89795
RBBP5	1. 17371	2. 229529	27. 57912	2. 87E-86	6. 16E-85	184. 8391
LEMD1	3. 868207	1. 936901	33. 97853	9. 34E-108	6. 11E-106	234. 4141

BLACAT1	2. 205633	1. 148121	30. 3684	6. 59E-96	2. 22E-94	207. 0759
MFS4	1. 651951	2. 152684	18. 16013	4. 92E-51	3. 73E-50	103. 6234
ELK4	1. 115703	2. 615759	20. 45887	6. 45E-60	6. 04E-59	124. 0846
SLC45A3	3. 220586	2. 157447	38. 99349	4. 54E-123	7. 69E-121	269. 7533
NUCKS1	1. 818314	4. 800589	25. 48285	9. 42E-79	1. 55E-77	167. 5049
RAB29	1. 701276	2. 910172	29. 90597	2. 44E-94	7. 66E-93	203. 4562
PM20D1	-3. 71005	2. 707189	-23. 9735	3. 32E-73	4. 54E-72	154. 7143
SLC26A9	2. 06177	2. 037123	15. 26471	7. 85E-40	4. 72E-39	77. 84001
RAB7B	2. 319834	1. 626092	33. 91051	1. 54E-107	9. 94E-106	233. 914
CTSE	7. 249179	4. 457235	46. 89303	9. 83E-145	9. 01E-142	319. 7572
Clorf186	1. 684495	1. 784413	15. 96265	1. 61E-42	1. 02E-41	84. 0216
FAM72A	1. 542538	1. 076439	41. 30442	1. 06E-129	2. 92E-127	285. 0619
SRGAP2	1. 937134	3. 042967	27. 41289	1. 11E-85	2. 33E-84	183. 4836
IKBKE	1. 936253	2. 134734	35. 52812	1. 26E-112	1. 11E-110	245. 654
RASSF5	1. 636255	3. 329234	22. 7247	1. 54E-68	1. 83E-67	143. 9538
DYRK3	1. 092443	1. 708211	21. 86005	2. 87E-65	3. 11E-64	136. 4189
MAPKAPK2	1. 785489	5. 204851	26. 97212	4. 09E-84	8. 09E-83	179. 8733
RP11-343H5. 4	-2. 14573	1. 550154	-10. 4564	3. 48E-22	1. 45E-21	37. 32731
FCMR	2. 007067	1. 801145	18. 25841	2. 04E-51	1. 56E-50	104. 5013
PIGR	4. 183245	4. 264315	24. 36436	1. 19E-74	1. 71E-73	158. 0501
Clorf116	2. 518702	3. 490465	30. 2572	1. 57E-95	5. 20E-94	206. 2079
PFKFB2	1. 230198	2. 638872	14. 29689	3. 89E-36	2. 17E-35	69. 34287
YOD1	1. 150608	1. 640844	22. 95235	2. 15E-69	2. 62E-68	145. 9265
C4BPB	1. 491598	2. 898349	9. 71641	1. 05E-19	4. 15E-19	31. 65895
C4BPA	1. 040335	2. 258685	6. 303093	9. 75E-10	2. 96E-09	8. 980361
CD55	4. 169586	4. 798204	37. 18526	1. 07E-117	1. 30E-115	257. 3539
CR2	1. 522313	0. 770374	10. 20974	2. 39E-21	9. 79E-21	35. 41424
CD46	1. 054262	6. 116095	13. 08117	1. 43E-31	7. 31E-31	58. 85062
Clorf132	-1. 05909	1. 169137	-16. 2744	1. 01E-43	6. 55E-43	86. 79349
CD34	1. 636242	3. 704155	19. 30407	1. 82E-55	1. 53E-54	113. 8299
MIR205HG	1. 123849	0. 706292	7. 889581	4. 95E-14	1. 71E-13	18. 71348
LAMB3	6. 328244	4. 226407	60. 80511	6. 14E-177	7. 43E-173	394. 0948
GOS2	2. 111638	3. 878857	14. 5572	3. 99E-37	2. 27E-36	71. 6179
HSD11B1	2. 474844	1. 926148	26. 28528	1. 18E-81	2. 13E-80	174. 2013
TRAF3IP3	1. 893551	1. 746607	19. 80626	2. 10E-57	1. 85E-56	118. 2973
IRF6	2. 0663	3. 90288	26. 43583	3. 38E-82	6. 25E-81	175. 4493
DIEXF	1. 133634	1. 729696	25. 28935	4. 78E-78	7. 69E-77	165. 8791
SERTAD4-AS1	2. 179059	1. 52442	31. 30283	4. 83E-99	1. 92E-97	214. 3082
SERTAD4	1. 743941	0. 961433	29. 94246	1. 83E-94	5. 78E-93	203. 7429
HHAT	1. 269702	1. 47115	28. 7932	1. 63E-90	4. 24E-89	194. 6366
LINC00467	1. 198715	2. 349657	20. 85069	2. 03E-61	1. 98E-60	127. 5475
SLC30A1	1. 86319	2. 632129	28. 5851	8. 58E-90	2. 16E-88	192. 9701
NEK2	2. 521411	1. 316296	38. 77215	2. 02E-122	3. 33E-120	268. 2558
LPGAT1	1. 221745	3. 299266	20. 81815	2. 70E-61	2. 63E-60	127. 2603
INTS7	1. 368686	2. 327841	29. 27599	3. 50E-92	9. 88E-91	198. 4821
DTL	1. 760656	1. 021567	34. 04735	5. 64E-108	3. 75E-106	234. 9195
TMEM206	1. 184537	1. 859523	27. 16921	8. 13E-85	1. 64E-83	181. 4906
NENF	1. 57803	5. 508948	24. 71555	6. 03E-76	9. 05E-75	161. 0335
ATF3	1. 025155	4. 285118	7. 124136	7. 07E-12	2. 30E-11	13. 82019
BATF3	1. 7888	1. 523353	28. 68808	3. 76E-90	9. 68E-89	193. 7955
NSL1	1. 808438	2. 79136	34. 46606	2. 66E-109	1. 92E-107	237. 9819
FLVCR1-AS1	1. 039787	1. 179291	16. 04144	8. 00E-43	5. 11E-42	84. 72163
FLVCR1	1. 179892	1. 708666	23. 92973	4. 83E-73	6. 55E-72	154. 3398
SMYD2	1. 162261	3. 933838	20. 48512	5. 11E-60	4. 81E-59	124. 3169

PTPN14	1. 050396	1. 847566	14. 41063	1. 44E-36	8. 09E-36	70. 3359
CENPF	3. 185568	1. 893334	31. 35368	3. 27E-99	1. 30E-97	214. 6987
KCTD3	1. 212577	4. 084723	18. 67713	4. 87E-53	3. 86E-52	108. 24
GPATCH2	1. 124837	2. 00944	24. 11845	9. 63E-74	1. 34E-72	155. 9533
SPATA17	1. 030634	0. 810594	19. 25456	2. 83E-55	2. 37E-54	113. 3889
RRP15	1. 298473	2. 164695	22. 6098	4. 18E-68	4. 90E-67	142. 9563
TGFB2	2. 135882	2. 057422	20. 67702	9. 38E-61	9. 00E-60	126. 0138
TGFB2-OT1	2. 016442	1. 776151	21. 12117	1. 87E-62	1. 88E-61	129. 932
P11-392017.	-2. 22628	1. 571332	-19. 2161	3. 99E-55	3. 33E-54	113. 0463
EPRS	1. 254583	4. 953318	21. 10699	2. 12E-62	2. 12E-61	129. 8071
BPNT1	2. 563313	3. 122798	41. 96863	1. 46E-131	4. 81E-129	289. 3539
IARS2	1. 596621	4. 320185	25. 9706	1. 60E-80	2. 79E-79	171. 5841
RAB3GAP2	1. 111348	2. 599253	21. 74725	7. 69E-65	8. 23E-64	135. 4314
MORF4L1P1	1. 65679	3. 305118	22. 37697	3. 16E-67	3. 61E-66	140. 9314
Clorf115	1. 050255	2. 920956	15. 61432	3. 55E-41	2. 19E-40	80. 932
HLX	2. 1768	2. 52724	28. 06052	5. 82E-88	1. 34E-86	188. 7457
DUSP10	1. 387457	2. 943726	16. 52113	1. 12E-44	7. 41E-44	88. 99006
P11-400N13.	1. 772667	0. 851854	22. 1369	2. 56E-66	2. 85E-65	138. 8385
TAF1A	1. 197071	1. 649535	22. 85913	4. 82E-69	5. 81E-68	145. 1193
AIDA	1. 812479	4. 397142	29. 69034	1. 33E-93	4. 01E-92	201. 7593
BROX	1. 976015	3. 314623	35. 21927	1. 15E-111	9. 64E-110	243. 4371
FAM177B	2. 138137	1. 166968	18. 50207	2. 32E-52	1. 81E-51	106. 6772
P11-452F19.	1. 3483	2. 991309	21. 04018	3. 82E-62	3. 79E-61	129. 2185
DISP1	1. 117381	1. 442365	25. 75676	9. 54E-80	1. 62E-78	169. 7991
TLR5	1. 121407	1. 908009	11. 69504	1. 63E-26	7. 48E-26	47. 24694
CAPN8	4. 728102	3. 753715	29. 41489	1. 17E-92	3. 36E-91	199. 5831
CAPN2	2. 492008	5. 979516	32. 26839	3. 13E-102	1. 48E-100	221. 6665
TP53BP2	1. 614661	3. 117559	27. 60649	2. 30E-86	4. 95E-85	185. 062
FBX028	1. 600819	2. 558672	31. 60929	4. 64E-100	1. 94E-98	216. 6563
DEGS1	2. 103161	4. 073112	32. 47759	6. 47E-103	3. 19E-101	223. 2455
CNIH4	2. 306962	4. 180006	34. 94789	8. 10E-111	6. 45E-109	241. 4795
WDR26	1. 255539	4. 182172	20. 16964	8. 34E-59	7. 60E-58	121. 5226
LBR	1. 272283	3. 631315	21. 16176	1. 31E-62	1. 32E-61	130. 2894
ENAH	1. 300405	3. 827654	14. 71687	9. 81E-38	5. 67E-37	73. 01741
SRP9	2. 018229	6. 179296	29. 13705	1. 05E-91	2. 92E-90	197. 3784
PYCR2	1. 2585	5. 180882	20. 64461	1. 25E-60	1. 20E-59	125. 7274
SDE2	1. 1554	2. 480593	20. 36225	1. 52E-59	1. 41E-58	123. 2293
H3F3A	2. 397039	8. 018457	29. 38066	1. 53E-92	4. 38E-91	199. 312
ACBD3	1. 844722	3. 801377	28. 84234	1. 10E-90	2. 89E-89	195. 0293
LIN9	1. 092495	1. 050192	28. 3437	5. 95E-89	1. 43E-87	191. 0303
ITPKB	1. 504136	2. 347659	26. 6602	5. 31E-83	1. 01E-81	177. 3044
ADCK3	-1. 34735	5. 306392	-16. 7352	1. 66E-45	1. 12E-44	90. 8981
CDC42BPA	1. 759011	3. 175486	28. 28246	9. 73E-89	2. 32E-87	190. 5371
SNAP47	1. 296847	3. 577765	26. 63818	6. 37E-83	1. 21E-81	177. 1225
JMJD4	1. 118509	3. 093824	21. 75967	6. 90E-65	7. 39E-64	135. 5401
ARF1	1. 593574	7. 679331	20. 35928	1. 56E-59	1. 44E-58	123. 203
MRPL55	1. 399457	5. 228349	20. 40987	9. 95E-60	9. 27E-59	123. 651
GUK1	1. 901301	7. 509258	23. 01872	1. 21E-69	1. 49E-68	146. 5008
GJC2	1. 767606	1. 106196	21. 15051	1. 44E-62	1. 45E-61	130. 1904
TRIM11	1. 630505	3. 29061	27. 88817	2. 34E-87	5. 24E-86	187. 3503
HIST3H2A	2. 373469	2. 439261	27. 84161	3. 41E-87	7. 59E-86	186. 9727
RNF187	1. 509921	4. 918766	25. 78274	7. 68E-80	1. 31E-78	170. 0162
RHOU	1. 164983	3. 002714	14. 84371	3. 22E-38	1. 87E-37	74. 13125
ACTA1	-1. 27988	0. 866527	-14. 7115	1. 03E-37	5. 94E-37	72. 97062

NUP133	1. 087232	3. 21222	21. 57909	3. 35E-64	3. 52E-63	133. 9572
ABCBI0	1. 07672	2. 290017	21. 68895	1. 28E-64	1. 36E-63	134. 9205
TAF5L	1. 582004	2. 717645	32. 2896	2. 66E-102	1. 27E-100	221. 8269
COG2	1. 128391	3. 367803	21. 10617	2. 13E-62	2. 13E-61	129. 7999
AGT	2. 22887	2. 897699	17. 68366	3. 47E-49	2. 53E-48	99. 36643
CAPN9	2. 647529	1. 38388	19. 60862	1. 21E-56	1. 05E-55	116. 5404
Clorf198	1. 761878	4. 003092	26. 3783	5. 45E-82	9. 99E-81	174. 9727
ARV1	1. 084499	3. 45275	21. 42016	1. 35E-63	1. 40E-62	132. 5619
GNPAT	1. 267603	4. 316266	21. 67456	1. 45E-64	1. 54E-63	134. 7944
EXOC8	1. 013153	1. 934937	22. 95582	2. 09E-69	2. 54E-68	145. 9566
SPRTN	1. 163866	1. 614014	27. 96395	1. 27E-87	2. 87E-86	187. 9643
P11-295G20.	1. 692143	2. 362647	23. 64941	5. 32E-72	6. 97E-71	151. 9366
TSNAX	1. 691712	3. 288927	31. 58086	5. 76E-100	2. 40E-98	216. 439
DISC1	1. 010148	0. 83625	29. 25868	4. 01E-92	1. 13E-90	198. 3447
SIPA1L2	1. 822807	2. 282548	22. 80018	8. 03E-69	9. 61E-68	144. 6084
NTPCR	1. 949863	4. 497655	29. 6855	1. 38E-93	4. 16E-92	201. 7211
PCNXL2	1. 368937	2. 54638	22. 60277	4. 44E-68	5. 20E-67	142. 8952
KCNK1	3. 543376	3. 242848	40. 23331	1. 17E-126	2. 48E-124	278. 0399
COA6	2. 200565	3. 991567	37. 83654	1. 19E-119	1. 63E-117	261. 8635
IRF2BP2	1. 465321	5. 472115	21. 14075	1. 57E-62	1. 58E-61	130. 1044
RP4-781K5. 2	1. 398425	4. 593728	18. 73819	2. 82E-53	2. 25E-52	108. 7848
RP11-443B7. 1	1. 016564	0. 809197	23. 00799	1. 33E-69	1. 63E-68	146. 408
TOMM20	1. 089886	5. 628754	16. 4879	1. 50E-44	9. 95E-44	88. 69404
RBM34	1. 981332	4. 614456	32. 15929	7. 13E-102	3. 29E-100	220. 8409
GGPS1	1. 996764	3. 688243	35. 67695	4. 35E-113	3. 96E-111	246. 7182
B3GALNT2	-1. 00703	3. 023109	-15. 0112	7. 36E-39	4. 34E-38	75. 60453
LYST	1. 138922	2. 272438	22. 36957	3. 37E-67	3. 85E-66	140. 8669
NID1	1. 764641	3. 680088	16. 99552	1. 62E-46	1. 12E-45	93. 22062
GPR137B	2. 759982	2. 515219	41. 34462	8. 15E-130	2. 28E-127	285. 323
ERO1LB	-2. 67824	4. 400781	-21. 8184	4. 13E-65	4. 45E-64	136. 0544
RPL35P1	1. 131342	1. 132003	19. 53568	2. 32E-56	2. 00E-55	115. 8915
RYR2	-1. 19335	1. 343379	-20. 3944	1. 14E-59	1. 06E-58	123. 5141
CHRM3	-1. 22355	1. 621512	-18. 4854	2. 69E-52	2. 10E-51	106. 5289
FH	1. 264813	4. 503053	23. 1136	5. 34E-70	6. 63E-69	147. 3211
KMO	1. 010921	0. 615569	20. 67362	9. 67E-61	9. 28E-60	125. 9837
OPN3	2. 462532	2. 54618	36. 07216	2. 63E-114	2. 64E-112	249. 5312
CHML	1. 129714	1. 294393	22. 89031	3. 68E-69	4. 46E-68	145. 3894
EXO1	1. 46228	0. 80527	35. 15104	1. 88E-111	1. 54E-109	242. 9458
CEP170	2. 329685	2. 687511	32. 33827	1. 85E-102	8. 88E-101	222. 1946
SDCCAG8	1. 189072	3. 788964	21. 43894	1. 15E-63	1. 19E-62	132. 7269
AKT3	1. 532336	2. 300768	19. 42863	6. 01E-56	5. 12E-55	114. 939
ADSS	1. 907349	3. 899022	31. 17081	1. 33E-98	5. 16E-97	213. 2931
DESI2	1. 938243	2. 992394	36. 22033	9. 22E-115	9. 40E-113	250. 581
COX20	1. 621482	4. 468785	26. 31308	9. 34E-82	1. 70E-80	174. 432
HNRNPU	1. 39876	6. 139866	19. 57364	1. 66E-56	1. 43E-55	116. 2293
KIF26B	2. 41773	1. 327916	37. 39644	2. 48E-118	3. 13E-116	258. 8216
SMYD3	2. 59953	3. 099159	45. 61995	1. 98E-141	1. 52E-138	312. 1285
CNST	1. 049147	2. 217357	21. 86418	2. 76E-65	3. 00E-64	136. 4552
SCCPDH	2. 332927	3. 999765	34. 59357	1. 05E-109	7. 81E-108	238. 9103
AHCTF1	1. 420749	3. 152041	25. 39744	1. 93E-78	3. 15E-77	166. 7878
NLRP3	1. 15625	0. 899616	20. 35333	1. 64E-59	1. 52E-58	123. 1503
SH3BP5L	1. 068231	3. 168867	19. 1374	8. 04E-55	6. 67E-54	112. 345
FAM150B	-2. 45712	3. 49392	-19. 2066	4. 34E-55	3. 62E-54	112. 9614
SNTG2	-1. 09376	1. 068028	-16. 3238	6. 49E-44	4. 24E-43	87. 23242

PXDN	2. 924201	2. 719338	30. 30417	1. 09E-95	3. 63E-94	206. 5747
TSSC1	1. 938333	3. 229574	38. 47504	1. 52E-121	2. 38E-119	266. 2368
TRAPPC12	1. 46627	4. 91581	23. 13635	4. 39E-70	5. 46E-69	147. 5175
ADI1	1. 583593	4. 475876	26. 44606	3. 11E-82	5. 75E-81	175. 534
RNASEH1	1. 159632	2. 667001	24. 70154	6. 79E-76	1. 02E-74	160. 9148
RNASEH1-AS1	1. 154708	1. 758998	23. 60438	7. 83E-72	1. 02E-70	151. 5497
CMPK2	1. 600044	2. 048887	18. 78079	1. 93E-53	1. 54E-52	109. 165
RSAD2	2. 269435	1. 871092	25. 57445	4. 38E-79	7. 29E-78	168. 2731
P11-439M11.	-1. 06698	0. 954187	-18. 8183	1. 38E-53	1. 11E-52	109. 4995
RNF144A-AS1	-1. 62035	1. 830242	-22. 6884	2. 11E-68	2. 50E-67	143. 639
AC092580. 4	1. 675304	1. 121256	19. 38423	8. 92E-56	7. 55E-55	114. 5436
ID2	1. 367848	5. 063429	16. 12181	3. 92E-43	2. 52E-42	85. 43592
MBOAT2	3. 438154	2. 686823	39. 57695	9. 08E-125	1. 70E-122	273. 6745
ASAP2	2. 341324	2. 68672	29. 03574	2. 35E-91	6. 40E-90	196. 5721
ITGB1BP1	2. 422208	4. 732731	35. 19388	1. 38E-111	1. 15E-109	243. 2543
CPSF3	1. 6865	3. 3888	32. 99796	1. 31E-104	7. 18E-103	227. 1492
IAH1	1. 746384	4. 636779	28. 63488	5. 76E-90	1. 47E-88	193. 3693
ADAM17	1. 763466	2. 298723	26. 96383	4. 37E-84	8. 64E-83	179. 8052
YWHAQ	1. 059367	6. 467652	13. 80989	2. 70E-34	1. 45E-33	65. 11131
TAF1B	1. 362031	1. 903653	26. 80075	1. 67E-83	3. 24E-82	178. 4634
GRHL1	1. 27208	1. 579563	16. 31087	7. 28E-44	4. 75E-43	87. 11775
RRM2	3. 187226	2. 044817	41. 14333	3. 01E-129	8. 05E-127	284. 0138
HPCAL1	1. 332183	4. 915419	19. 89967	9. 14E-58	8. 12E-57	119. 127
PQLC3	1. 127271	4. 029366	16. 5706	7. 19E-45	4. 79E-44	89. 43091
ROCK2	1. 391257	2. 584556	24. 68849	7. 59E-76	1. 13E-74	160. 8041
LPIN1	1. 010576	2. 998003	13. 74972	4. 55E-34	2. 44E-33	64. 59097
TRIB2	1. 686869	3. 955254	15. 39437	2. 49E-40	1. 51E-39	78. 9856
FAM49A	1. 468562	1. 541762	21. 84146	3. 37E-65	3. 65E-64	136. 2563
VSNL1	1. 490561	1. 073606	22. 2442	1. 00E-66	1. 13E-65	139. 7745
SMC6	1. 082313	2. 559434	13. 48661	4. 42E-33	2. 32E-32	62. 32251
KCNS3	1. 237362	2. 668101	15. 28233	6. 71E-40	4. 04E-39	77. 99558
RDH14	1. 165183	3. 704646	21. 16191	1. 31E-62	1. 32E-61	130. 2908
MATN3	3. 717085	2. 051241	35. 56449	9. 70E-113	8. 59E-111	245. 9143
LAPTM4A	1. 687679	7. 070829	22. 20288	1. 44E-66	1. 61E-65	139. 4142
SDC1	4. 440089	4. 833034	45. 08234	5. 17E-140	3. 26E-137	308. 8597
PUM2	1. 131657	4. 011685	19. 38026	9. 25E-56	7. 82E-55	114. 5083
RHOB	1. 969956	6. 054383	17. 24656	1. 72E-47	1. 21E-46	95. 4619
HS1BP3	1. 650672	3. 439941	28. 09586	4. 37E-88	1. 01E-86	189. 0313
LDAH	1. 139287	2. 247679	23. 06132	8. 39E-70	1. 03E-68	146. 8692
KLHL29	1. 021941	1. 463626	18. 86319	9. 26E-54	7. 47E-53	109. 9001
UBXN2A	1. 327699	2. 146984	29. 55981	3. 71E-93	1. 10E-91	200. 7292
FKBP1B	1. 681447	3. 120481	21. 68388	1. 34E-64	1. 42E-63	134. 8762
SF3B6	2. 069328	5. 554128	31. 54841	7. 38E-100	3. 05E-98	216. 1908
TP53I3	1. 311316	4. 853267	17. 27164	1. 38E-47	9. 72E-47	95. 68585
PTRHD1	1. 412177	4. 045779	25. 98485	1. 43E-80	2. 49E-79	171. 7029
CENPO	1. 351263	1. 497615	31. 83368	8. 40E-101	3. 66E-99	218. 3681
ADCY3	1. 6473	3. 763139	21. 15724	1. 36E-62	1. 37E-61	130. 2497
POMC	-1. 74227	1. 896684	-17. 6337	5. 43E-49	3. 94E-48	98. 91984
ASXL2	1. 166071	1. 823836	21. 5924	2. 98E-64	3. 14E-63	134. 074
KIF3C	1. 940551	1. 645681	28. 98691	3. 47E-91	9. 39E-90	196. 183
RAB10	1. 9826	4. 757584	27. 64495	1. 68E-86	3. 65E-85	185. 375
HADHA	1. 25077	5. 816845	18. 81087	1. 48E-53	1. 18E-52	109. 4333
C2orf70	1. 365688	1. 19284	18. 25533	2. 10E-51	1. 61E-50	104. 4738
KCNK3	-1. 77208	2. 3799	-18. 128	6. 55E-51	4. 95E-50	103. 3363

SLC35F6	1. 842431	3. 210065	36. 49719	1. 31E-115	1. 42E-113	252. 5356
CENPA	1. 968425	1. 092491	35. 79293	1. 91E-113	1. 77E-111	247. 5456
OST4	1. 987952	7. 432314	27. 20032	6. 30E-85	1. 28E-83	181. 7455
EMILIN1	3. 195508	4. 402276	28. 4021	3. 72E-89	9. 06E-88	191. 5003
CGREF1	2. 161752	1. 890221	29. 37835	1. 56E-92	4. 46E-91	199. 2937
ATRAID	1. 528204	6. 21328	24. 2664	2. 73E-74	3. 88E-73	157. 2156
CAD	1. 008579	3. 612749	16. 02892	8. 95E-43	5. 71E-42	84. 61036
TRIM54	2. 121803	1. 312119	21. 36703	2. 15E-63	2. 22E-62	132. 0951
SNX17	1. 495376	5. 369085	24. 69141	7. 40E-76	1. 11E-74	160. 8289
PPM1G	1. 72673	5. 116378	27. 63523	1. 82E-86	3. 94E-85	185. 2959
NRBP1	1. 389751	5. 349403	21. 7299	8. 95E-65	9. 56E-64	135. 2794
KRTCAP3	1. 379342	5. 306247	15. 30807	5. 35E-40	3. 23E-39	78. 22298
IFT172	2. 471454	4. 509503	27. 48887	5. 99E-86	1. 27E-84	184. 1037
FNDC4	1. 594142	3. 167112	14. 04645	3. 46E-35	1. 89E-34	67. 16257
ZNF512	1. 189511	3. 207652	19. 99284	4. 00E-58	3. 58E-57	119. 9542
GPN1	1. 454221	3. 993391	26. 04991	8. 30E-81	1. 46E-79	172. 2448
SLC4A1AP	1. 2342	3. 215402	26. 51117	1. 82E-82	3. 39E-81	176. 0729
MRPL33	1. 126895	6. 02208	16. 46502	1. 84E-44	1. 22E-43	88. 49021
BRE	1. 638282	3. 961181	28. 90532	6. 65E-91	1. 77E-89	195. 5323
FOSL2	2. 044175	4. 297287	20. 40437	1. 04E-59	9. 73E-59	123. 6023
PLB1	1. 549434	1. 285758	32. 01231	2. 17E-101	9. 77E-100	219. 7264
PPP1CB	2. 254654	5. 107396	30. 17383	3. 00E-95	9. 85E-94	205. 5561
TRMT61B	1. 395535	2. 505221	30. 67103	6. 29E-97	2. 24E-95	209. 4302
WDR43	1. 153954	3. 209707	19. 796	2. 30E-57	2. 02E-56	118. 2061
CLIP4	1. 418454	2. 638006	18. 92685	5. 25E-54	4. 26E-53	110. 4679
YPEL5	1. 849664	4. 88156	29. 38956	1. 42E-92	4. 09E-91	199. 3825
LBH	3. 490298	3. 993505	38. 31112	4. 63E-121	6. 98E-119	265. 1185
LCLAT1	1. 424343	1. 955172	32. 74051	9. 00E-104	4. 68E-102	225. 2221
GALNT14	2. 128311	2. 080346	20. 02356	3. 05E-58	2. 74E-57	120. 2268
EHD3	1. 769683	1. 436165	30. 47832	2. 80E-96	9. 67E-95	207. 9324
XDH	2. 204375	1. 261882	27. 36744	1. 61E-85	3. 35E-84	183. 1125
MEMO1	1. 004653	3. 664549	18. 26921	1. 86E-51	1. 42E-50	104. 5978
DPY30	1. 904582	5. 082722	31. 22108	9. 05E-99	3. 54E-97	213. 6798
SPAST	1. 236636	1. 892881	29. 05272	2. 06E-91	5. 62E-90	196. 7074
SLC30A6	1. 078925	2. 53233	23. 76973	1. 90E-72	2. 53E-71	152. 969
YIPF4	1. 399542	4. 261463	24. 2183	4. 11E-74	5. 81E-73	156. 8055
LTBP1	3. 688207	3. 056496	38. 33717	3. 87E-121	5. 89E-119	265. 2964
RASGRP3	1. 132537	2. 050018	14. 91592	1. 70E-38	9. 98E-38	74. 76614
FAM98A	1. 314831	3. 505654	22. 83718	5. 83E-69	7. 01E-68	144. 9292
CRIM1	2. 087286	3. 254919	27. 31817	2. 41E-85	4. 98E-84	182. 7098
FEZ2	2. 265126	3. 611858	36. 75424	2. 16E-116	2. 44E-114	254. 3422
STRN	1. 27158	1. 923534	25. 41243	1. 70E-78	2. 78E-77	166. 9137
GPATCH11	1. 016392	1. 472652	24. 45638	5. 43E-75	7. 90E-74	158. 8331
EIF2AK2	1. 752772	2. 523687	27. 41263	1. 11E-85	2. 34E-84	183. 4815
CEBPZOS	1. 377886	3. 750864	26. 04365	8. 74E-81	1. 53E-79	172. 1927
CEBPZ	1. 398713	4. 168593	24. 39175	9. 40E-75	1. 36E-73	158. 2833
PRKD3	1. 241131	2. 457463	18. 71404	3. 50E-53	2. 78E-52	108. 5693
QPCT	2. 988402	2. 950888	28. 63907	5. 57E-90	1. 42E-88	193. 4029
CDC42EP3	2. 242779	2. 97226	28. 41466	3. 36E-89	8. 21E-88	191. 6013
RMDN2	1. 145987	1. 932018	22. 72561	1. 53E-68	1. 82E-67	143. 9617
CYP1B1	2. 658443	2. 295927	23. 10313	5. 85E-70	7. 24E-69	147. 2306
ATL2	1. 129196	3. 655945	16. 82996	7. 11E-46	4. 85E-45	91. 74342
RPLPOP6	1. 128621	3. 940014	16. 82513	7. 43E-46	5. 06E-45	91. 70033
HNRNPLL	1. 399276	3. 36138	25. 0399	3. 90E-77	6. 07E-76	163. 777

GALM	1. 699378	3. 11814	28. 95055	4. 64E-91	1. 24E-89	195. 8932
SRSF7	1. 15817	5. 786883	15. 99097	1. 25E-42	7. 98E-42	84. 27321
GEMIN6	1. 615436	2. 581288	32. 1954	5. 42E-102	2. 53E-100	221. 1144
MORN2	1. 33024	3. 644044	23. 98159	3. 10E-73	4. 24E-72	154. 7836
SLC8A1	1. 067543	0. 755718	16. 34757	5. 25E-44	3. 43E-43	87. 44443
PKDCC	2. 02752	4. 885055	19. 10002	1. 12E-54	9. 27E-54	112. 0119
EML4	1. 008466	4. 010969	17. 09306	6. 79E-47	4. 73E-46	94. 0913
COX7A2L	1. 575975	5. 737903	24. 2578	2. 94E-74	4. 17E-73	157. 1423
AC016735. 2	2. 092061	1. 121567	14. 75439	7. 06E-38	4. 09E-37	73. 34674
ZFP36L2	1. 894221	5. 739938	22. 68185	2. 24E-68	2. 65E-67	143. 582
THADA	1. 369658	3. 457623	25. 41685	1. 64E-78	2. 68E-77	166. 9508
DYNC2LI1	1. 165831	3. 487971	20. 2523	4. 01E-59	3. 68E-58	122. 2553
LRPPRC	1. 100948	4. 384779	18. 22261	2. 82E-51	2. 15E-50	104. 1815
PPM1B	1. 128332	3. 785796	18. 80408	1. 57E-53	1. 26E-52	109. 3728
RHOQ	1. 039933	4. 171457	14. 03808	3. 72E-35	2. 03E-34	67. 08979
CRIP1	1. 596991	2. 428825	35. 21753	1. 16E-111	9. 75E-110	243. 4246
SOCS5	1. 521739	2. 320114	25. 30394	4. 23E-78	6. 82E-77	166. 0018
CALM2	2. 805656	7. 619059	32. 99728	1. 32E-104	7. 21E-103	227. 1441
EPCAM	2. 552738	6. 927961	28. 8512	1. 02E-90	2. 70E-89	195. 1001
MSH2	1. 343089	2. 426409	24. 16001	6. 76E-74	9. 48E-73	156. 3081
FOXN2	1. 216536	1. 902487	21. 96283	1. 17E-65	1. 28E-64	137. 318
PPP1R21	1. 345666	3. 352212	23. 63774	5. 88E-72	7. 69E-71	151. 8363
STON1	1. 29606	1. 571467	18. 1165	7. 26E-51	5. 48E-50	103. 2336
PSME4	1. 535056	4. 131514	26. 73273	2. 92E-83	5. 61E-82	177. 9027
SPTBN1	1. 822473	5. 6533	26. 94766	4. 99E-84	9. 86E-83	179. 6723
RTN4	2. 291711	6. 156624	29. 04865	2. 13E-91	5. 80E-90	196. 6749
CFAP36	1. 443405	4. 520696	24. 25982	2. 89E-74	4. 10E-73	157. 1595
SMEK2	1. 249524	3. 976803	21. 82676	3. 83E-65	4. 14E-64	136. 1276
EFEMP1	2. 021356	4. 527092	16. 4031	3. 20E-44	2. 10E-43	87. 9388
MIR217HG	-2. 43749	1. 572751	-27. 9394	1. 55E-87	3. 48E-86	187. 7657
VRK2	1. 137473	3. 04608	19. 43596	5. 63E-56	4. 80E-55	115. 0042
PEX13	1. 486056	2. 74985	27. 33368	2. 12E-85	4. 40E-84	182. 8366
AC016747. 3	1. 300794	1. 815265	22. 34018	4. 35E-67	4. 96E-66	140. 611
C2orf74	1. 338421	3. 680764	17. 90451	4. 83E-50	3. 58E-49	101. 3397
USP34	1. 085171	4. 492605	17. 90583	4. 77E-50	3. 54E-49	101. 3515
XP01	1. 018383	4. 968984	13. 26567	2. 95E-32	1. 53E-31	60. 42677
COMMD1	1. 783787	4. 386697	34. 08557	4. 26E-108	2. 85E-106	235. 1999
B3GNT2	1. 255445	3. 469942	19. 17685	5. 66E-55	4. 71E-54	112. 6965
EHBP1	1. 903857	3. 609885	26. 24485	1. 64E-81	2. 96E-80	173. 8657
MDH1	1. 709461	5. 751463	27. 70332	1. 05E-86	2. 29E-85	185. 8498
UGP2	1. 476809	5. 264205	23. 11898	5. 10E-70	6. 34E-69	147. 3675
PELI1	2. 031515	3. 095088	27. 86746	2. 77E-87	6. 19E-86	187. 1824
LGALS1	1. 403119	2. 269587	27. 21656	5. 52E-85	1. 12E-83	181. 8784
AFTPH	1. 464662	4. 147656	28. 19722	1. 93E-88	4. 53E-87	189. 8498
SERTAD2	1. 636751	2. 404682	25. 50235	8. 00E-79	1. 32E-77	167. 6684
RAB1A	1. 291866	6. 219868	18. 51855	2. 00E-52	1. 57E-51	106. 8244
AC007318. 5	1. 499113	2. 490037	25. 21625	8. 83E-78	1. 41E-76	165. 2638
ACTR2	2. 753701	4. 937196	38. 07456	2. 33E-120	3. 31E-118	263. 4992
SPRED2	1. 344136	3. 19478	21. 1885	1. 03E-62	1. 05E-61	130. 5249
AC078941. 1	-3. 19041	2. 939056	-29. 6338	2. 07E-93	6. 21E-92	201. 3133
C1D	1. 6431	3. 645232	29. 54468	4. 19E-93	1. 23E-91	200. 6097
PN01	1. 437839	2. 817801	27. 6076	2. 28E-86	4. 91E-85	185. 0711
PPP3R1	1. 730039	3. 856458	30. 94814	7. 39E-98	2. 76E-96	211. 5759
CNRIP1	1. 79242	2. 270334	23. 13947	4. 27E-70	5. 32E-69	147. 5445

PLEK	2.12806	1.751064	23.0703	7.77E-70	9.59E-69	146.9468
ARHGAP25	2.016349	1.870274	27.01079	2.98E-84	5.92E-83	180.191
ANTXR1	4.441169	3.454944	39.75924	2.70E-125	5.28E-123	274.8917
GFPT1	1.213955	3.694337	17.41899	3.70E-48	2.64E-47	97.00187
NFU1	1.336375	4.655062	22.67059	2.47E-68	2.91E-67	143.4842
ANXA4	1.614223	7.700836	14.71856	9.67E-38	5.59E-37	73.03223
GMCL1	1.051074	2.598529	19.56238	1.83E-56	1.58E-55	116.1291
SNRNP27	1.808595	4.032382	29.60275	2.65E-93	7.89E-92	201.0683
MXD1	2.276229	2.512213	26.64342	6.10E-83	1.16E-81	177.1658
PCBP1	1.339617	7.099357	15.74801	1.08E-41	6.77E-41	82.1168
PCYOX1	1.545895	3.304241	24.04725	1.77E-73	2.44E-72	155.345
SNRPG	2.207092	5.582225	32.53682	4.14E-103	2.07E-101	223.6915
TGFA	2.23356	2.624376	30.06573	6.99E-95	2.25E-93	204.7098
CD207	1.369655	0.7156	18.83769	1.16E-53	9.36E-53	109.6726
ANKRD53	-1.69561	1.62961	-33.8498	2.40E-107	1.53E-105	233.4668
NAGK	1.321556	5.542902	20.28829	2.92E-59	2.69E-58	122.5741
MPHOSPH10	1.071938	3.58422	20.75561	4.69E-61	4.54E-60	126.7081
PAIP2B	-2.64432	2.614346	-34.8955	1.18E-110	9.25E-109	241.1009
ZNF638	1.072807	5.24533	15.56735	5.39E-41	3.31E-40	80.51598
DYSF	1.808633	1.892573	27.26469	3.73E-85	7.63E-84	182.2724
EXOC6B	1.206501	2.074869	23.44119	3.18E-71	4.08E-70	150.1462
RAB11FIP5	1.2985	3.802338	21.10936	2.08E-62	2.08E-61	129.828
CCT7	1.633702	6.196642	24.27651	2.51E-74	3.56E-73	157.3018
TPRKB	1.053454	4.288759	18.75686	2.39E-53	1.91E-52	108.9514
DUSP11	1.6928	3.200469	32.45212	7.83E-103	3.84E-101	223.0535
STAMPB	1.88209	3.985653	32.26397	3.23E-102	1.53E-100	221.6331
ACTG2	2.876651	3.030746	17.72673	2.36E-49	1.73E-48	99.7512
DGUOK	2.303201	4.931256	36.10189	2.13E-114	2.15E-112	249.7421
BOLA3	1.164281	4.313566	20.6545	1.14E-60	1.10E-59	125.8148
MOB1A	2.382349	3.849525	38.71389	3.00E-122	4.87E-120	267.8606
DCTN1	1.807055	5.206811	27.55942	3.37E-86	7.21E-85	184.6787
C2orf81	1.506992	1.591488	30.77687	2.77E-97	1.01E-95	210.2509
WDR54	2.094519	3.075916	32.60615	2.46E-103	1.25E-101	224.213
MRPL53	1.105625	5.399487	15.23991	9.77E-40	5.86E-39	77.62107
LBX2	1.075059	1.05124	19.11013	1.02E-54	8.48E-54	112.102
LBX2-AS1	1.668956	2.25576	30.75783	3.21E-97	1.16E-95	210.1033
PCGF1	1.066679	3.819427	17.80289	1.20E-49	8.82E-49	100.4317
DQX1	1.529654	0.822805	16.0291	8.93E-43	5.70E-42	84.61197
HTRA2	1.556549	4.01434	26.91095	6.75E-84	1.33E-82	179.3705
LOXL3	1.621078	1.629694	25.90959	2.67E-80	4.60E-79	171.0753
DOK1	1.878196	3.051584	34.24542	1.33E-108	9.20E-107	236.3709
P11-259N19.	1.223676	0.775467	34.18268	2.10E-108	1.43E-106	235.9117
HK2	3.545554	2.574631	40.06651	3.51E-126	7.25E-124	276.9351
POLE4	1.989404	4.819243	32.55025	3.75E-103	1.87E-101	223.7926
MRPL19	1.393189	3.366677	25.60315	3.44E-79	5.76E-78	168.5135
RP11-342K6.1	1.049385	1.94573	26.02235	1.04E-80	1.83E-79	172.0153
REG3G	-5.01289	6.405843	-14.6785	1.38E-37	7.92E-37	72.68043
REG1B	-7.51543	9.199084	-18.9874	3.06E-54	2.50E-53	111.0075
REG1A	-6.08948	11.88039	-18.1382	5.99E-51	4.52E-50	103.4272
REG1P	-5.40168	4.47476	-19.1446	7.54E-55	6.26E-54	112.409
REG3A	-2.97499	8.134695	-6.8503	3.83E-11	1.22E-10	12.15683
TRABD2A	2.12516	1.254515	29.34295	2.06E-92	5.86E-91	199.0132
TMSB10	4.177044	9.960132	39.36625	3.71E-124	6.61E-122	272.2629
TGOLN2	1.912383	4.934973	26.60875	8.12E-83	1.53E-81	176.8795

RETSAT	1. 327575	4. 738433	17. 45033	2. 79E-48	2. 00E-47	97. 28182
CAPG	4. 626835	6. 183574	51. 48375	4. 10E-156	8. 85E-153	346. 0263
MAT2A	-1. 04391	7. 28812	-9. 50346	5. 19E-19	2. 02E-18	30. 06893
VAMP8	1. 884847	6. 909729	25. 05739	3. 36E-77	5. 25E-76	163. 9246
VAMP5	2. 188299	4. 66169	28. 9779	3. 73E-91	1. 01E-89	196. 1112
RNF181	1. 268955	6. 629129	18. 09609	8. 72E-51	6. 56E-50	103. 0513
USP39	1. 560503	4. 101384	30. 65853	6. 93E-97	2. 46E-95	209. 3332
GNLY	1. 918907	1. 506815	22. 88378	3. 89E-69	4. 71E-68	145. 3329
ST3GAL5	1. 258406	2. 609934	18. 10244	8. 24E-51	6. 20E-50	103. 108
IMMT	1. 112826	4. 680397	20. 50665	4. 23E-60	3. 98E-59	124. 5074
MRPL35	1. 498335	3. 665774	28. 50252	1. 66E-89	4. 11E-88	192. 3074
CHMP3	1. 236899	5. 576167	18. 66819	5. 27E-53	4. 18E-52	108. 1602
RNF103	1. 029284	4. 192828	14. 60002	2. 74E-37	1. 57E-36	71. 99296
RMND5A	1. 348145	2. 919104	23. 13126	4. 59E-70	5. 70E-69	147. 4736
CD8A	1. 683409	1. 632638	17. 63458	5. 38E-49	3. 91E-48	98. 9279
CD8B	1. 420067	1. 138746	18. 52166	1. 95E-52	1. 52E-51	106. 8522
IGKV3OR2-268	1. 105878	0. 560578	13. 98159	6. 08E-35	3. 31E-34	66. 59931
AC133644. 2	1. 986048	1. 268197	33. 69103	7. 73E-107	4. 82E-105	232. 2964
LINC00152	3. 600165	4. 249161	40. 33253	6. 06E-127	1. 31E-124	278. 6957
P11-1399P15.	1. 133668	0. 603985	19. 88065	1. 08E-57	9. 60E-57	118. 9581
KRCC1	1. 39941	3. 895755	22. 35496	3. 83E-67	4. 37E-66	140. 7397
FABP1	1. 202681	1. 104029	7. 229317	3. 65E-12	1. 20E-11	14. 47166
RPIA	1. 165889	3. 428759	23. 80041	1. 46E-72	1. 96E-71	153. 2321
IGKC	6. 413591	7. 881131	29. 09156	1. 51E-91	4. 15E-90	197. 0165
IGKV1-8	3. 272888	1. 915316	20. 78634	3. 57E-61	3. 47E-60	126. 9794
IGKV3-11	5. 772051	4. 551684	29. 42109	1. 11E-92	3. 20E-91	199. 6322
IGKV4-1	4. 760704	3. 263966	26. 42447	3. 72E-82	6. 86E-81	175. 3552
IGKV1-5	4. 780186	3. 173543	26. 21342	2. 13E-81	3. 83E-80	173. 6046
IGKV1-6	2. 932945	1. 736215	19. 88002	1. 09E-57	9. 65E-57	118. 9525
IGKV1-9	3. 84173	2. 374837	23. 37237	5. 75E-71	7. 32E-70	149. 5536
IGKV1-12	1. 714769	0. 878275	14. 21824	7. 73E-36	4. 28E-35	68. 65722
IGKV3-15	4. 914545	3. 194116	26. 26593	1. 38E-81	2. 49E-80	174. 0407
IGKV1-16	3. 577628	2. 203701	21. 77718	5. 92E-65	6. 35E-64	135. 6935
IGKV1-17	3. 89659	2. 427815	22. 70602	1. 81E-68	2. 15E-67	143. 7918
IGKV3-20	5. 676544	4. 324234	28. 09887	4. 27E-88	9. 86E-87	189. 0556
IGKV6-21	2. 092792	1. 164473	14. 52585	5. 25E-37	2. 98E-36	71. 34344
IGKV2-24	3. 099451	2. 053557	19. 87432	1. 15E-57	1. 01E-56	118. 9019
IGKV1-27	3. 670539	2. 287697	20. 31614	2. 28E-59	2. 10E-58	122. 8209
IGKV2-28	4. 821392	3. 560331	24. 50158	3. 70E-75	5. 41E-74	159. 2174
IGKV2-30	2. 668363	1. 754726	17. 0124	1. 40E-46	9. 65E-46	93. 37132
IGKV1-33	4. 712863	3. 05733	24. 56214	2. 21E-75	3. 26E-74	159. 7319
IGKV1-39	1. 910391	0. 957616	15. 39138	2. 56E-40	1. 55E-39	78. 95916
IGKV2D-40	1. 373222	0. 713481	11. 44251	1. 29E-25	5. 82E-25	45. 18568
IGKV1D-39	5. 33574	3. 893396	26. 96856	4. 21E-84	8. 33E-83	179. 8441
IGKV1D-33	1. 538705	0. 746662	14. 54766	4. 33E-37	2. 47E-36	71. 53432
IGKV2D-30	1. 030909	0. 529456	11. 95458	1. 91E-27	8. 94E-27	49. 3839
IGKV2D-29	2. 552893	1. 460578	17. 11323	5. 67E-47	3. 95E-46	94. 27134
IGKV2D-28	3. 761992	2. 029563	20. 54018	3. 14E-60	2. 97E-59	124. 804
IGKV6D-21	1. 242807	0. 696301	11. 41435	1. 63E-25	7. 30E-25	44. 957
IGKV3D-20	2. 202195	1. 186766	16. 71108	2. 05E-45	1. 39E-44	90. 68318
IGKV1D-16	1. 585096	0. 875546	14. 60962	2. 52E-37	1. 44E-36	72. 077
IGKV3D-15	1. 769343	0. 88822	14. 90135	1. 94E-38	1. 13E-37	74. 63794
IGKV3D-11	1. 387825	0. 708563	14. 87377	2. 47E-38	1. 44E-37	74. 39548
IGKV1D-13	2. 037525	1. 178285	11. 96196	1. 80E-27	8. 42E-27	49. 44486

AC027612.6	1.93071	3.208072	25.53943	5.87E-79	9.72E-78	167.9795
MRPS5	1.096677	4.668156	17.57076	9.52E-49	6.88E-48	98.35776
PROM2	2.117343	3.759196	18.29456	1.48E-51	1.14E-50	104.8241
P11-440D17.	1.310741	1.988855	22.56086	6.39E-68	7.45E-67	142.5311
LINC00342	1.208803	3.530171	9.733902	9.16E-20	3.64E-19	31.79042
ANKRD36C	1.147272	1.661245	13.40916	8.61E-33	4.50E-32	61.65694
DUSP2	1.947287	1.819066	20.68434	8.79E-61	8.45E-60	126.0785
STARD7	1.042526	4.800435	18.06704	1.13E-50	8.49E-50	102.7918
TMEM127	1.622127	4.283775	25.24792	6.77E-78	1.08E-76	165.5304
SNRNP200	1.036137	5.503148	15.84732	4.49E-42	2.82E-41	82.99776
NCAPH	2.217876	1.24627	41.74231	6.25E-131	1.91E-128	287.8968
ARID5A	1.88096	3.242357	23.11641	5.22E-70	6.48E-69	147.3453
LMAN2L	1.259675	3.195264	22.38577	2.93E-67	3.35E-66	141.008
CNNM4	1.505116	2.593055	23.19048	2.75E-70	3.45E-69	147.985
ANKRD39	1.339877	2.854785	29.17954	7.52E-92	2.09E-90	197.7162
SEMA4C	1.687725	3.371697	23.42653	3.61E-71	4.62E-70	150.02
COX5B	1.51936	6.682507	20.68259	8.93E-61	8.58E-60	126.0631
LINC01125	-1.3886	2.364413	-19.8808	1.08E-57	9.59E-57	118.9592
ZAP70	1.265395	1.401709	13.67119	8.97E-34	4.78E-33	63.91274
HMGNI1P36	1.247596	0.644819	25.74994	1.01E-79	1.71E-78	169.742
COA5	1.016701	4.134361	17.76928	1.62E-49	1.19E-48	100.1314
UNC50	1.033204	4.5809	18.35362	8.74E-52	6.75E-51	105.3516
KIAA1211L	1.217182	2.161008	20.89329	1.39E-61	1.36E-60	127.9233
C2orf15	1.097601	1.296656	25.066	3.13E-77	4.89E-76	163.9973
MITD1	1.477312	3.95124	23.84787	9.72E-73	1.31E-71	153.6389
MRPL30	1.4925	3.281221	31.97334	2.91E-101	1.30E-99	219.4304
TXNDC9	1.986014	3.351938	36.58548	7.05E-116	7.76E-114	253.157
PDCL3	2.068766	3.28906	40.49741	2.05E-127	4.66E-125	279.783
RPL31	1.079028	10.81176	10.52767	1.99E-22	8.34E-22	37.88415
CNOT11	1.121055	4.25282	18.77463	2.04E-53	1.63E-52	109.11
RNF149	1.536941	4.863559	24.24935	3.16E-74	4.48E-73	157.0703
CREG2	1.873187	0.9534	25.20099	1.00E-77	1.60E-76	165.1353
MAP4K4	2.875311	3.923121	39.96803	6.74E-126	1.37E-123	276.2813
IL1R2	2.996029	2.391291	22.31556	5.39E-67	6.12E-66	140.3965
IL1R1	1.780658	4.288468	18.25244	2.16E-51	1.65E-50	104.448
IL18R1	1.003044	1.180977	16.37899	3.97E-44	2.60E-43	87.72407
SLC9A4	1.193554	0.596748	12.09732	5.83E-28	2.76E-27	50.5667
SLC9A2	1.362391	0.674959	17.8979	5.12E-50	3.80E-49	101.2806
TMEM182	1.101022	1.317124	23.81623	1.27E-72	1.71E-71	153.3677
FHL2	4.718248	4.351679	51.88712	4.47E-157	1.04E-153	348.2464
NCK2	1.509804	4.52333	24.17246	6.08E-74	8.55E-73	156.4144
UXS1	2.022875	3.7505	33.09476	6.39E-105	3.55E-103	227.8717
EEF1A1P12	1.302431	0.813937	36.70794	2.99E-116	3.35E-114	254.0174
SULT1C2	1.939069	2.851483	11.82145	5.75E-27	2.66E-26	48.28543
GCC2	1.325441	3.264491	19.59176	1.41E-56	1.22E-55	116.3905
LIMS1	2.362217	3.534138	31.30048	4.92E-99	1.95E-97	214.2902
EDAR	1.479145	0.767417	20.73428	5.66E-61	5.47E-60	126.5197
SH3RF3	1.386764	1.482746	26.12123	4.59E-81	8.14E-80	172.8383
10-Sep	2.084791	3.644934	28.50624	1.61E-89	4.00E-88	192.3372
SOWAHC	2.037658	1.92492	36.0383	3.34E-114	3.32E-112	249.291
MALL	4.861997	3.637168	45.10427	4.53E-140	2.88E-137	308.9936
NPHP1	1.00887	1.919362	20.50519	4.28E-60	4.03E-59	124.4945
LINC00116	1.66439	4.875447	20.50919	4.13E-60	3.89E-59	124.5299
P11-1223D19.	1.002265	0.570208	18.65218	6.08E-53	4.81E-52	108.0173

11-1223D19.	1. 008759	0. 502123	12. 91627	5. 86E-31	2. 94E-30	57. 44757
BUB1	2. 14034	1. 176144	39. 10664	2. 12E-123	3. 61E-121	270. 5168
BCL2L11	1. 040277	2. 596559	17. 72612	2. 38E-49	1. 74E-48	99. 74573
MIR4435-2HG	3. 586638	4. 473031	39. 18007	1. 29E-123	2. 24E-121	271. 0114
TMEM87B	1. 746689	3. 189892	28. 72132	2. 89E-90	7. 45E-89	194. 0616
FBLN7	1. 446655	1. 329638	22. 26155	8. 63E-67	9. 74E-66	139. 9258
TTL	1. 103414	2. 738933	19. 12647	8. 86E-55	7. 34E-54	112. 2476
SLC20A1	1. 873125	4. 351766	18. 81391	1. 44E-53	1. 15E-52	109. 4605
CKAP2L	1. 381236	0. 727809	27. 98041	1. 11E-87	2. 51E-86	188. 0975
IL1B	1. 440331	1. 231556	17. 99225	2. 20E-50	1. 65E-49	102. 1236
IL1RN	4. 572279	2. 775534	42. 8991	3. 93E-134	1. 63E-131	295. 2876
PSD4	1. 068436	4. 037063	15. 64181	2. 78E-41	1. 72E-40	81. 17546
PAX8-AS1	1. 382129	3. 028936	7. 827742	7. 48E-14	2. 57E-13	18. 30541
PAX8	1. 483914	1. 727991	10. 77542	2. 80E-23	1. 20E-22	39. 83413
RPL23AP7	1. 80728	2. 181219	31. 60277	4. 88E-100	2. 04E-98	216. 6065
SLC35F5	1. 009823	4. 39194	14. 25307	5. 71E-36	3. 16E-35	68. 96074
ACTR3	2. 693512	5. 22956	31. 92896	4. 08E-101	1. 80E-99	219. 0931
DPP10	-1. 29419	1. 061097	-28. 0104	8. 72E-88	1. 99E-86	188. 3404
DPP10-AS1	-2. 08941	1. 665574	-28. 1574	2. 66E-88	6. 21E-87	189. 5284
DDX18	1. 186142	3. 927769	19. 20921	4. 24E-55	3. 54E-54	112. 9849
INSIG2	1. 274257	3. 778732	19. 29511	1. 97E-55	1. 66E-54	113. 7501
MARCO	3. 380571	2. 133603	23. 32398	8. 72E-71	1. 11E-69	149. 1366
C2orf76	1. 009308	2. 841398	20. 57341	2. 34E-60	2. 22E-59	125. 0979
DBI	2. 374931	6. 690258	32. 66453	1. 59E-103	8. 18E-102	224. 6518
TMEM37	2. 091028	3. 42925	22. 42649	2. 05E-67	2. 36E-66	141. 3624
TMEM177	1. 485497	2. 442064	30. 68767	5. 53E-97	1. 98E-95	209. 5593
PTPN4	1. 238117	2. 301531	24. 24098	3. 39E-74	4. 80E-73	156. 9989
TMEM185B	1. 52156	2. 813746	27. 4622	7. 44E-86	1. 57E-84	183. 8861
RALB	2. 652369	4. 291998	40. 90583	1. 41E-128	3. 50E-126	282. 4635
INHBB	1. 555369	1. 911013	17. 43235	3. 28E-48	2. 34E-47	97. 1212
GLI2	1. 622812	1. 015273	29. 94615	1. 78E-94	5. 63E-93	203. 7718
TFCP2L1	1. 282208	1. 899533	16. 24782	1. 28E-43	8. 28E-43	86. 55661
NIFK	1. 455299	4. 596438	22. 90558	3. 22E-69	3. 91E-68	145. 5217
TSN	1. 752175	3. 991368	32. 10106	1. 11E-101	5. 06E-100	220. 3997
GYPC	1. 313761	4. 393423	14. 66154	1. 60E-37	9. 17E-37	72. 5321
BIN1	1. 806142	4. 121075	27. 36944	1. 58E-85	3. 30E-84	183. 1288
MAP3K2	1. 293147	2. 515597	23. 45493	2. 83E-71	3. 63E-70	150. 2645
PROC	2. 097541	1. 344712	26. 19335	2. 52E-81	4. 51E-80	173. 4379
IWS1	1. 61278	3. 754771	30. 11179	4. 88E-95	1. 59E-93	205. 0706
MYO7B	2. 850194	1. 868108	21. 12162	1. 86E-62	1. 87E-61	129. 936
LIMS2	1. 556606	3. 594964	17. 50306	1. 74E-48	1. 25E-47	97. 75287
WDR33	1. 011376	3. 551262	19. 2426	3. 15E-55	2. 64E-54	113. 2824
POLR2D	1. 471239	2. 89714	28. 57326	9. 43E-90	2. 36E-88	192. 8752
AC006011.4	1. 564465	2. 408265	19. 81942	1. 86E-57	1. 65E-56	118. 4142
AMMECR1L	1. 015724	2. 743755	20. 86202	1. 83E-61	1. 79E-60	127. 6475
SAP130	1. 053267	2. 561856	22. 73316	1. 43E-68	1. 71E-67	144. 0272
UGGT1	1. 28347	3. 319063	23. 66173	4. 79E-72	6. 28E-71	152. 0423
HS6ST1	1. 23865	4. 120895	14. 45037	1. 02E-36	5. 73E-36	70. 68318
CCDC74B	1. 126534	1. 244334	18. 76494	2. 22E-53	1. 78E-52	109. 0236
SMPD4	1. 007483	4. 414587	16. 02459	9. 30E-43	5. 93E-42	84. 57182
CCDC115	1. 922769	4. 178025	32. 68098	1. 40E-103	7. 26E-102	224. 7753
ARHGEF4	-1. 21344	3. 203645	-14. 5305	5. 04E-37	2. 86E-36	71. 38397
PLEKHB2	2. 183641	4. 097131	35. 40544	3. 02E-112	2. 61E-110	244. 7748
MZT2A	1. 149969	5. 904596	12. 7282	2. 89E-30	1. 43E-29	55. 85407

CCDC74A	2. 378114	2. 365417	33. 56581	1. 95E-106	1. 18E-104	231. 3708
C2orf27A	1. 088745	2. 02115	17. 59765	7. 49E-49	5. 42E-48	98. 598
GPR39	1. 586975	1. 876087	25. 75282	9. 86E-80	1. 67E-78	169. 766
LYPD1	1. 791456	2. 396952	13. 70203	6. 87E-34	3. 67E-33	64. 17896
MGAT5	1. 62901	2. 97976	26. 63814	6. 37E-83	1. 21E-81	177. 1223
RAB3GAP1	1. 123585	3. 873506	14. 68516	1. 30E-37	7. 47E-37	72. 73921
R3HDM1	1. 074724	2. 713936	21. 87375	2. 54E-65	2. 76E-64	136. 5388
MCM6	2. 308131	2. 514247	41. 54669	2. 21E-130	6. 39E-128	286. 6329
DARS	1. 396462	4. 653128	20. 77882	3. 82E-61	3. 70E-60	126. 913
CXCR4	4. 203669	3. 896753	36. 17247	1. 29E-114	1. 31E-112	250. 2422
HNMT	2. 190204	4. 562663	29. 49712	6. 09E-93	1. 78E-91	200. 2337
SPOPL	1. 36094	2. 257035	23. 45339	2. 86E-71	3. 68E-70	150. 2512
KYNU	3. 410075	1. 956495	49. 35461	6. 15E-151	8. 86E-148	334. 0768
ARHGAP15	2. 139433	1. 731341	25. 26814	5. 71E-78	9. 18E-77	165. 7006
GTDC1	1. 549587	2. 535349	27. 34609	1. 92E-85	3. 97E-84	182. 938
ZEB2	1. 936716	2. 388478	23. 05608	8. 78E-70	1. 08E-68	146. 8239
ACVR2A	1. 085301	2. 226995	21. 11616	1. 95E-62	1. 96E-61	129. 8879
ORC4	1. 228474	3. 168968	18. 19247	3. 68E-51	2. 80E-50	103. 9123
MBD5	1. 450019	2. 376957	26. 45584	2. 87E-82	5. 31E-81	175. 615
EPC2	1. 091722	2. 647207	18. 96854	3. 62E-54	2. 95E-53	110. 8397
LYPD6B	1. 73481	2. 968266	17. 04883	1. 01E-46	6. 99E-46	93. 69645
RND3	3. 013184	3. 015525	38. 81705	1. 49E-122	2. 48E-120	268. 56
RBM43	1. 177114	1. 681775	24. 98139	6. 38E-77	9. 87E-76	163. 283
NMI	2. 599432	3. 220014	39. 9208	9. 22E-126	1. 85E-123	275. 9674
TNFAIP6	2. 973992	1. 621484	34. 27187	1. 09E-108	7. 64E-107	236. 5643
ARL5A	1. 424559	3. 051997	22. 81256	7. 21E-69	8. 64E-68	144. 7157
PRPF40A	1. 416636	4. 204797	21. 70931	1. 07E-64	1. 14E-63	135. 0989
ARL6IP6	1. 643922	2. 880524	23. 10502	5. 75E-70	7. 13E-69	147. 2469
GPD2	1. 75518	2. 637443	28. 33541	6. 36E-89	1. 53E-87	190. 9636
GALNT5	3. 281847	1. 613507	35. 90014	8. 89E-114	8. 54E-112	248. 3091
CYTIP	2. 036289	2. 087834	23. 13942	4. 28E-70	5. 32E-69	147. 5441
ACVR1	2. 457285	3. 401049	35. 98275	4. 95E-114	4. 85E-112	248. 8965
PKP4	1. 483123	4. 21962	23. 68365	3. 97E-72	5. 23E-71	152. 2305
BTF3L4P2	1. 125113	4. 379299	15. 787	7. 68E-42	4. 80E-41	82. 46257
7-Mar	1. 666008	3. 86186	24. 39862	8. 87E-75	1. 28E-73	158. 3418
LY75	3. 046677	2. 072686	40. 92409	1. 25E-128	3. 12E-126	282. 5829
PLA2R1	2. 170049	1. 480144	36. 85205	1. 09E-116	1. 25E-114	255. 0276
ITGB6	2. 911321	4. 275087	25. 58463	4. 02E-79	6. 70E-78	168. 3583
RBMS1	2. 289344	3. 540417	29. 63164	2. 11E-93	6. 31E-92	201. 2963
TANK	1. 824506	4. 030532	27. 76232	6. 49E-87	1. 43E-85	186. 3291
PSMD14	2. 294129	3. 94219	38. 29388	5. 20E-121	7. 79E-119	265. 0007
DPP4	1. 876801	1. 755236	22. 24086	1. 03E-66	1. 16E-65	139. 7454
FAP	3. 616114	3. 235024	33. 676	8. 64E-107	5. 35E-105	232. 1853
IFIH1	1. 579097	2. 736153	17. 5148	1. 57E-48	1. 13E-47	97. 85782
GCA	1. 061407	3. 875444	16. 62415	4. 46E-45	2. 99E-44	89. 90813
GRB14	-1. 66178	2. 943254	-18. 6779	4. 83E-53	3. 84E-52	108. 2473
P11-452N17.	3. 020361	3. 885284	31. 57642	5. 96E-100	2. 48E-98	216. 4051
GALNT3	1. 865546	4. 420451	21. 78154	5. 69E-65	6. 12E-64	135. 7317
STK39	1. 803945	3. 99167	25. 17577	1. 24E-77	1. 97E-76	164. 9228
CERS6	2. 296102	2. 475042	32. 25583	3. 44E-102	1. 62E-100	221. 5716
CERS6-AS1	2. 478189	3. 092906	28. 30212	8. 31E-89	1. 99E-87	190. 6955
SPC25	1. 815101	1. 371729	31. 36219	3. 07E-99	1. 22E-97	214. 764
DHRS9	4. 131218	2. 158542	24. 048	1. 76E-73	2. 43E-72	155. 3515
PPIG	1. 329464	3. 924432	21. 72735	9. 15E-65	9. 78E-64	135. 257

KLHL23	1. 516121	1. 760204	21. 86576	2. 73E-65	2. 96E-64	136. 4689
SSB	1. 873931	5. 125187	28. 4308	2. 95E-89	7. 23E-88	191. 7311
METTL5	1. 116275	4. 910244	19. 0327	2. 04E-54	1. 68E-53	111. 4117
GAD1	1. 147493	0. 848489	18. 00347	1. 99E-50	1. 49E-49	102. 2238
GORASP2	1. 108008	5. 177673	16. 82948	7. 14E-46	4. 87E-45	91. 73912
TLK1	1. 333317	3. 124609	24. 09072	1. 22E-73	1. 70E-72	155. 7165
METTL8	1. 454096	1. 939537	26. 74309	2. 68E-83	5. 16E-82	177. 9882
CYBRD1	2. 92424	3. 907367	28. 09331	4. 47E-88	1. 03E-86	189. 0107
DYNC1I2	1. 646504	5. 025913	24. 08671	1. 26E-73	1. 75E-72	155. 6822
SLC25A12	1. 790601	2. 375032	28. 48372	1. 93E-89	4. 77E-88	192. 1564
HAT1	1. 18101	4. 079883	19. 52545	2. 54E-56	2. 18E-55	115. 8005
ITGA6	1. 788681	5. 026379	20. 17188	8. 18E-59	7. 45E-58	121. 5425
pk	1. 528733	2. 58629	22. 6103	4. 16E-68	4. 88E-67	142. 9607
CDC47	2. 493701	2. 015883	24. 40748	8. 23E-75	1. 19E-73	158. 4171
P11-796E10.	1. 15685	0. 551226	17. 64745	4. 80E-49	3. 49E-48	99. 04292
SP3	1. 664056	3. 744029	25. 69266	1. 63E-79	2. 75E-78	169. 2629
OLA1	1. 514903	5. 268842	22. 08956	3. 86E-66	4. 28E-65	138. 4252
CIR1	1. 244932	4. 08978	21. 42606	1. 28E-63	1. 33E-62	132. 6138
WIPF1	2. 670582	3. 148871	30. 00963	1. 08E-94	3. 47E-93	204. 2699
H3F3AP4	2. 432506	6. 521973	23. 66505	4. 65E-72	6. 11E-71	152. 0708
CHN1	2. 228897	2. 374461	27. 31589	2. 45E-85	5. 07E-84	182. 6912
ATF2	1. 333916	3. 201272	23. 20079	2. 52E-70	3. 16E-69	148. 074
ATP5G3	2. 035736	6. 592424	29. 24144	4. 60E-92	1. 29E-90	198. 2078
KIAA1715	1. 614647	1. 949854	30. 02312	9. 76E-95	3. 13E-93	204. 3758
HOXD9	1. 03043	0. 681108	24. 39473	9. 17E-75	1. 32E-73	158. 3086
HOXD8	1. 230479	1. 095104	24. 96166	7. 54E-77	1. 16E-75	163. 1163
AC016739. 2	1. 659938	3. 490231	18. 51885	2. 00E-52	1. 56E-51	106. 827
MTX2	1. 330165	4. 155898	23. 05378	8. 96E-70	1. 10E-68	146. 804
LINC01116	1. 381805	0. 949279	22. 14623	2. 36E-66	2. 63E-65	138. 9199
HNRNPA3	1. 942588	6. 560572	26. 49102	2. 14E-82	3. 99E-81	175. 9062
NFE2L2	1. 976627	4. 826913	26. 50509	1. 91E-82	3. 56E-81	176. 0226
AGPS	1. 266806	2. 503877	25. 1308	1. 81E-77	2. 86E-76	164. 5438
FKBP7	2. 651904	2. 692599	35. 85342	1. 24E-113	1. 17E-111	247. 9766
PLEKHA3	1. 412813	2. 263534	21. 05466	3. 36E-62	3. 34E-61	129. 3461
SESTD1	2. 207111	3. 282827	27. 9508	1. 41E-87	3. 18E-86	187. 8578
CWC22	1. 449663	2. 727312	29. 1478	9. 67E-92	2. 69E-90	197. 4639
FTH1P20	2. 878483	2. 417935	43. 43723	1. 33E-135	6. 07E-133	298. 678
UBE2E3	1. 601015	5. 295933	23. 30088	1. 06E-70	1. 35E-69	148. 9374
ITGA4	1. 611096	1. 195989	20. 52136	3. 71E-60	3. 50E-59	124. 6376
CERKL	1. 673104	1. 190159	27. 15396	9. 21E-85	1. 86E-83	181. 3656
PPP1R1C	1. 801471	1. 619571	23. 73092	2. 64E-72	3. 51E-71	152. 6362
PDE1A	1. 880723	1. 653062	25. 55892	4. 98E-79	8. 28E-78	168. 1429
DNAJC10	1. 238503	4. 820464	16. 86809	5. 06E-46	3. 46E-45	92. 08354
FRZB	2. 419928	2. 127572	26. 08633	6. 13E-81	1. 08E-79	172. 548
NCKAP1	1. 516961	4. 880883	20. 05683	2. 27E-58	2. 04E-57	120. 522
ZC3H15	1. 062142	4. 614088	17. 60076	7. 28E-49	5. 27E-48	98. 62571
ITGAV	2. 314417	4. 04555	27. 66625	1. 42E-86	3. 07E-85	185. 5483
FAM171B	1. 071736	0. 832841	20. 82504	2. 54E-61	2. 47E-60	127. 3211
CALCRL	1. 999025	2. 056415	23. 65244	5. 18E-72	6. 79E-71	151. 9626
TFPI	2. 601681	4. 079036	23. 58544	9. 21E-72	1. 20E-70	151. 387
COL3A1	6. 090942	6. 767549	42. 01156	1. 11E-131	3. 75E-129	289. 6297
AC066694. 1	1. 558392	1. 040979	6. 027216	4. 63E-09	1. 37E-08	7. 456787
COL5A2	4. 748771	3. 761043	41. 75494	5. 76E-131	1. 78E-128	287. 9782
SLC40A1	2. 263838	4. 991925	22. 79943	8. 08E-69	9. 67E-68	144. 6019

ASNSD1	1.460605	3.593974	28.13883	3.09E-88	7.19E-87	189.3784
HNRNPCP2	2.872434	1.97936	58.74604	1.41E-172	1.07E-168	384.026
INPP1	1.25974	4.271536	17.07748	7.81E-47	5.42E-46	93.95217
MFS6	2.033281	3.357978	31.98056	2.76E-101	1.23E-99	219.4853
NEMP2	1.176734	1.132981	24.87976	1.50E-76	2.31E-75	162.4239
NAB1	1.901048	3.201198	28.76728	2.00E-90	5.19E-89	194.4293
STAT1	2.653944	4.461728	30.29674	1.15E-95	3.84E-94	206.5167
NABP1	1.347157	2.876229	16.50594	1.28E-44	8.48E-44	88.85475
SLC39A10	1.092011	2.719119	16.08563	5.40E-43	3.46E-42	85.11429
STK17B	2.137906	2.437299	29.86306	3.42E-94	1.07E-92	203.119
HECW2	1.016475	0.859291	21.33742	2.79E-63	2.87E-62	131.8348
AC020571.3	1.028982	0.560954	23.79189	1.57E-72	2.10E-71	153.1591
COQ10B	1.897266	3.324547	32.47373	6.66E-103	3.28E-101	223.2164
HSPE1	1.735873	6.452409	19.92616	7.23E-58	6.44E-57	119.3623
HSPE1-MOB4	1.47355	1.703124	16.12026	3.97E-43	2.55E-42	85.42216
MOB4	1.793249	3.372632	29.74452	8.68E-94	2.65E-92	202.1862
C2orf47	1.409866	2.997779	28.59773	7.75E-90	1.96E-88	193.0715
SPATS2L	3.000232	5.527589	38.51082	1.19E-121	1.87E-119	266.4804
SGOL2	1.065248	0.781344	28.2884	9.28E-89	2.22E-87	190.585
AOX1	-2.82462	3.693165	-24.2156	4.21E-74	5.94E-73	156.7826
BZW1	2.573454	4.998486	31.0989	2.31E-98	8.87E-97	212.7392
PPIL3	1.096267	3.866274	16.22387	1.58E-43	1.02E-42	86.34355
NIF3L1	1.322629	3.315075	26.20583	2.27E-81	4.07E-80	173.5416
NDUFB3	2.244099	5.13792	35.84289	1.34E-113	1.25E-111	247.9016
CFLAR	1.692144	4.814774	23.05735	8.68E-70	1.07E-68	146.8348
AC007283.5	2.469755	1.377969	38.72399	2.80E-122	4.56E-120	267.9292
CASP10	1.416479	2.336658	25.91457	2.56E-80	4.42E-79	171.1169
CASP8	1.876044	3.148808	28.45986	2.34E-89	5.75E-88	191.9647
TRAK2	1.039407	2.829466	18.33222	1.06E-51	8.15E-51	105.1605
TMEM237	1.204594	2.337776	21.832	3.66E-65	3.96E-64	136.1735
ALS2	1.045331	2.239395	20.50515	4.28E-60	4.03E-59	124.4942
FZD7	2.274368	1.791834	33.4902	3.40E-106	2.04E-104	230.811
SUMO1	2.534156	5.351326	40.73639	4.27E-128	1.02E-125	281.3536
BMPR2	2.222489	2.581939	35.16444	1.70E-111	1.41E-109	243.0423
FAM117B	1.01059	1.709503	23.26622	1.43E-70	1.81E-69	148.6386
WDR12	1.389853	3.797672	21.46078	9.46E-64	9.83E-63	132.9188
ABI2	1.925127	2.955759	28.90602	6.61E-91	1.76E-89	195.5379
RAPH1	1.73493	2.153613	25.34909	2.89E-78	4.69E-77	166.3815
CTLA4	1.136631	0.647167	20.02316	3.06E-58	2.75E-57	120.2233
PARD3B	1.11195	1.675773	20.58331	2.15E-60	2.04E-59	125.1854
NRP2	3.705612	2.600039	42.99741	2.11E-134	8.99E-132	295.9093
AC007383.3	1.397507	1.966127	26.86318	9.99E-84	1.95E-82	178.9774
NDUFS1	1.545789	3.829924	23.78252	1.70E-72	2.27E-71	153.0788
ADAM23	1.294933	0.895772	20.46928	5.88E-60	5.52E-59	124.1768
FASTKD2	1.07093	3.144412	21.62867	2.17E-64	2.30E-63	134.3921
KLF7	1.778402	2.184983	25.3268	3.49E-78	5.65E-77	166.1941
CREB1	1.355634	2.707061	21.78579	5.49E-65	5.90E-64	135.7689
METTL21A	1.342468	2.813186	26.68346	4.38E-83	8.37E-82	177.4963
AC079767.4	1.406644	0.704894	17.74061	2.09E-49	1.53E-48	99.87524
IDH1	2.083707	4.978002	26.99994	3.25E-84	6.46E-83	180.102
RPE	2.077585	3.3348	32.66112	1.63E-103	8.37E-102	224.6262
ACADL	-3.21237	2.569793	-41.9876	1.29E-131	4.30E-129	289.476
IKZF2	1.044167	1.180448	20.0453	2.51E-58	2.26E-57	120.4197
SPAG16	1.589165	3.54795	24.93254	9.64E-77	1.49E-75	162.8702

ATIC	1.728511	5.563934	24.63336	1.21E-75	1.80E-74	160.3365
FN1	5.756499	7.033786	38.36608	3.18E-121	4.90E-119	265.4937
AC093850.2	2.655003	1.313793	27.0106	2.98E-84	5.93E-83	180.1895
MREG	1.66808	1.635006	37.40478	2.34E-118	2.96E-116	258.8795
PECR	1.905659	2.396985	31.38092	2.66E-99	1.07E-97	214.9077
XRCC5	1.928766	5.687412	28.84603	1.07E-90	2.81E-89	195.0588
SMARCAL1	1.649061	2.776951	34.90629	1.09E-110	8.61E-109	241.1787
IGFBP5	4.027384	5.323226	30.31306	1.01E-95	3.39E-94	206.6441
ARPC2	2.775021	6.678088	38.14065	1.48E-120	2.16E-118	263.9522
GPBAR1	2.09068	1.731572	24.32636	1.64E-74	2.35E-73	157.7265
AAMP	1.591626	5.879451	24.59519	1.67E-75	2.47E-74	160.0125
PNKD	1.989536	5.165207	30.8535	1.53E-97	5.63E-96	210.8442
TMBIM1	1.538567	7.228326	17.0512	9.87E-47	6.85E-46	93.71762
SLC11A1	1.657614	3.013327	12.40472	4.44E-29	2.15E-28	53.13142
CTDSP1	1.297303	5.863755	18.80345	1.58E-53	1.27E-52	109.3672
VIL1	1.544585	3.380519	11.04074	3.35E-24	1.46E-23	41.94557
RQCD1	1.284153	3.587656	22.91496	2.97E-69	3.61E-68	145.6029
RNF25	1.741648	3.735555	31.52781	8.64E-100	3.56E-98	216.0332
CYP27A1	2.716097	3.378164	32.98397	1.46E-104	7.95E-103	227.0447
WNT10A	2.676642	1.347358	27.19569	6.55E-85	1.33E-83	181.7075
IHH	2.709334	1.345724	22.63999	3.22E-68	3.79E-67	143.2185
CNPPD1	1.272411	4.946959	19.48742	3.56E-56	3.05E-55	115.4622
FAM134A	1.322836	5.422725	19.98069	4.46E-58	3.98E-57	119.8463
ABCB6	1.371852	3.305858	20.57524	2.30E-60	2.19E-59	125.1141
ATG9A	1.145795	4.224113	19.14818	7.30E-55	6.06E-54	112.4411
GLB1L	1.381944	2.079573	24.50472	3.60E-75	5.27E-74	159.2441
STK16	1.126735	4.580866	19.60774	1.22E-56	1.06E-55	116.5326
TUBA4A	2.726683	5.06955	34.50722	1.97E-109	1.44E-107	238.2818
DNPEP	1.389958	5.205194	21.52863	5.22E-64	5.46E-63	133.5144
SPEG	1.041759	2.305509	10.63439	8.56E-23	3.62E-22	38.72155
CHPF	1.166406	6.066758	13.51114	3.57E-33	1.88E-32	62.53352
P11-256I23.	-1.15321	0.952305	-25.7874	7.39E-80	1.26E-78	170.0548
EPHA4	2.153665	1.562673	28.75771	2.16E-90	5.60E-89	194.3528
SGPP2	3.091397	2.493277	34.48898	2.25E-109	1.64E-107	238.1489
FARSB	1.280622	3.313432	25.23856	7.32E-78	1.17E-76	165.4517
ACSL3	2.359365	4.058366	36.42505	2.18E-115	2.31E-113	252.0272
KCNE4	1.567346	2.52366	13.20287	5.06E-32	2.60E-31	59.88958
SCG2	1.544815	3.065031	10.74005	3.71E-23	1.58E-22	39.55446
AP1S3	2.657544	2.070107	33.14602	4.37E-105	2.45E-103	228.2538
WDFY1	1.732503	3.288452	26.23454	1.79E-81	3.22E-80	173.7801
MRPL44	1.588868	3.468901	29.75827	7.79E-94	2.38E-92	202.2945
SERPINE2	3.312273	3.120748	28.7334	2.62E-90	6.78E-89	194.1583
CUL3	1.552488	4.743524	27.24471	4.39E-85	8.97E-84	182.1088
DOCK10	1.814197	1.750042	22.16389	2.02E-66	2.26E-65	139.074
IRS1	1.837457	2.173909	28.70551	3.27E-90	8.43E-89	193.9351
RHBDD1	1.193629	2.572949	23.14772	3.98E-70	4.96E-69	147.6158
TM4SF20	1.392259	0.691751	9.412111	1.03E-18	3.97E-18	29.39281
AGFG1	1.82448	4.379356	24.57922	1.91E-75	2.83E-74	159.877
SLC19A3	1.175564	1.40946	13.48797	4.37E-33	2.29E-32	62.33416
CCL20	4.048331	2.558654	30.50874	2.21E-96	7.65E-95	208.1691
TRIP12	1.698874	4.481304	25.25545	6.35E-78	1.02E-76	165.5938
SP110	2.006186	3.386394	26.93284	5.64E-84	1.11E-82	179.5505
SP140	1.683377	1.270911	21.99037	9.18E-66	1.01E-64	137.5587
SP140L	1.83596	2.943096	24.61505	1.41E-75	2.10E-74	160.1811

SP100	1. 726381	5. 09873	23. 35425	6. 72E-71	8. 54E-70	149. 3975
CAB39	1. 981744	4. 142413	31. 53639	8. 09E-100	3. 34E-98	216. 0989
ITM2C	2. 457585	5. 557803	30. 80217	2. 28E-97	8. 32E-96	210. 4468
PSMD1	2. 376992	4. 490076	38. 30576	4. 80E-121	7. 21E-119	265. 0819
HTR2B	1. 555007	0. 899102	21. 49887	6. 77E-64	7. 06E-63	133. 2532
ARMC9	1. 971025	2. 476265	30. 92507	8. 82E-98	3. 29E-96	211. 3976
B3GNT7	1. 752851	3. 321038	17. 45763	2. 62E-48	1. 87E-47	97. 34703
NCL	1. 187283	7. 3222	14. 14046	1. 52E-35	8. 38E-35	67. 97998
PTMA	1. 715971	9. 393286	17. 77512	1. 53E-49	1. 13E-48	100. 1835
PDE6D	1. 686893	3. 35666	32. 10479	1. 08E-101	4. 93E-100	220. 428
DIS3L2	1. 081099	3. 262065	21. 00004	5. 43E-62	5. 38E-61	128. 8648
ALPP	1. 075763	0. 524654	11. 01017	4. 29E-24	1. 87E-23	41. 70111
ECEL1	1. 101333	0. 837095	14. 86366	2. 70E-38	1. 57E-37	74. 30659
EIF4E2	1. 945484	4. 96544	32. 20075	5. 21E-102	2. 43E-100	221. 1549
EFHD1	1. 302414	2. 123876	15. 71894	1. 40E-41	8. 73E-41	81. 85907
NGEF	1. 640593	2. 51518	21. 1397	1. 59E-62	1. 60E-61	130. 0952
AC106876. 2	1. 429754	1. 418984	16. 98075	1. 85E-46	1. 28E-45	93. 08879
INPP5D	2. 170605	2. 478164	16. 50286	1. 32E-44	8. 71E-44	88. 82736
ATG16L1	1. 511123	3. 270463	27. 81702	4. 17E-87	9. 22E-86	186. 7732
DGKD	1. 033504	2. 64561	15. 71875	1. 41E-41	8. 74E-41	81. 85738
UGT1A10	4. 482003	2. 158152	33. 08691	6. 78E-105	3. 76E-103	227. 8132
UGT1A6	2. 581519	1. 301736	23. 30635	1. 01E-70	1. 29E-69	148. 9846
UGT1A1	1. 203137	0. 594591	13. 86822	1. 63E-34	8. 79E-34	65. 61635
HJURP	2. 059372	1. 159961	35. 82973	1. 47E-113	1. 37E-111	247. 8079
MSL3P1	1. 504967	1. 146351	25. 30664	4. 13E-78	6. 67E-77	166. 0246
ARL4C	3. 64532	3. 239115	40. 7635	3. 58E-128	8. 63E-126	281. 5314
AGAP1	1. 39451	2. 350532	25. 38239	2. 19E-78	3. 57E-77	166. 6613
COPS8	2. 144881	4. 205581	31. 96213	3. 17E-101	1. 40E-99	219. 3452
COL6A3	3. 426976	5. 533632	24. 40294	8. 55E-75	1. 24E-73	158. 3785
MLPH	3. 317951	5. 178897	28. 94881	4. 70E-91	1. 26E-89	195. 8792
LRRFIP1	2. 320905	4. 67463	30. 56884	1. 39E-96	4. 86E-95	208. 6365
PER2	1. 062666	2. 314551	12. 64116	6. 05E-30	2. 98E-29	55. 11916
TRAF3IP1	1. 389443	2. 272613	27. 85672	3. 02E-87	6. 74E-86	187. 0953
ASB1	1. 618179	2. 984224	28. 99971	3. 14E-91	8. 50E-90	196. 2851
TWIST2	1. 015374	1. 263004	14. 61228	2. 46E-37	1. 41E-36	72. 10032
MYEOV2	1. 487525	6. 464689	22. 42703	2. 04E-67	2. 35E-66	141. 3671
GPC1	1. 944683	4. 276834	21. 88771	2. 25E-65	2. 45E-64	136. 661
RNPEPL1	1. 259685	5. 706799	16. 29283	8. 54E-44	5. 57E-43	86. 9572
GPR35	3. 635546	2. 470022	38. 82642	1. 40E-122	2. 35E-120	268. 6235
AQP12B	-6. 09867	4. 25563	-42. 45	6. 76E-133	2. 45E-130	292. 4351
AC011298. 2	-3. 57889	2. 27176	-41. 8688	2. 77E-131	8. 78E-129	288. 7121
AQP12A	-5. 01067	3. 699804	-36. 0166	3. 90E-114	3. 85E-112	249. 1366
KIF1A	-2. 16191	2. 986216	-21. 74	8. 19E-65	8. 76E-64	135. 3677
C2orf54	2. 384095	1. 521621	25. 75341	9. 81E-80	1. 66E-78	169. 771
PPP1R7	1. 49119	5. 325236	23. 67308	4. 34E-72	5. 72E-71	152. 1397
ANO7	1. 114112	1. 237242	9. 32127	2. 01E-18	7. 73E-18	28. 72413
FARP2	1. 411821	3. 420081	22. 35458	3. 84E-67	4. 38E-66	140. 7364
BOK	1. 442354	3. 926468	20. 35999	1. 55E-59	1. 43E-58	123. 2093
THAP4	1. 648838	4. 875324	27. 36368	1. 66E-85	3. 45E-84	183. 0817
DTYMK	1. 944421	3. 433125	32. 62395	2. 15E-103	1. 10E-101	224. 3468
AC114730. 11	-1. 05666	1. 229797	-19. 1035	1. 09E-54	9. 00E-54	112. 0425
LINC01237	-2. 16377	1. 670156	-29. 6063	2. 57E-93	7. 68E-92	201. 0965
AC131097. 4	-2. 90693	2. 256742	-27. 6865	1. 20E-86	2. 62E-85	185. 7129
AC093642. 3	-2. 71183	2. 34555	-29. 2748	3. 53E-92	9. 97E-91	198. 4728

AC093642.1	-1.43687	0.913279	-26.3034	1.01E-81	1.84E-80	174.3518
TRNT1	1.049413	2.754227	21.35665	2.36E-63	2.43E-62	132.0038
SUMF1	1.84427	3.834394	30.10225	5.25E-95	1.70E-93	204.9959
LRRN1	1.957446	1.731363	21.67233	1.48E-64	1.57E-63	134.7749
ITPR1	1.123299	2.106862	15.79557	7.11E-42	4.45E-41	82.53859
AC018816.3	1.580552	1.016767	27.2187	5.42E-85	1.11E-83	181.8959
BHLHE40	2.8049	5.736015	22.2679	8.16E-67	9.21E-66	139.9812
ARL8B	1.547276	4.339809	26.06824	7.12E-81	1.25E-79	172.3974
LMCD1	2.704418	4.430519	30.08498	6.01E-95	1.94E-93	204.8606
OXTR	1.063229	0.613812	18.09703	8.64E-51	6.51E-50	103.0597
RAD18	1.168222	1.327193	27.45671	7.78E-86	1.64E-84	183.8413
THUMPD3	1.419132	3.723313	26.586	9.79E-83	1.84E-81	176.6916
MTMR14	1.786503	3.716857	32.96145	1.73E-104	9.32E-103	226.8765
CAMK1	1.495462	2.987321	22.99756	1.46E-69	1.78E-68	146.3178
TADA3	1.819122	4.619903	29.5267	4.82E-93	1.42E-91	200.4676
ARPC4	2.270977	5.827754	31.99851	2.41E-101	1.08E-99	219.6216
CIDEC	1.789037	1.748942	12.9302	5.20E-31	2.62E-30	57.56589
IL17RE	1.201679	3.251318	13.94577	8.30E-35	4.50E-34	66.28857
EMC3	1.790776	4.927905	28.68303	3.92E-90	1.00E-88	193.7551
CIDCEP	1.543102	2.70286	31.24128	7.75E-99	3.04E-97	213.8352
FANCD2	1.500945	1.840259	24.80477	2.84E-76	4.31E-75	161.7893
BRK1	1.79236	6.244848	26.59774	8.89E-83	1.68E-81	176.7885
VHL	1.151916	3.257902	19.14924	7.23E-55	6.01E-54	112.4506
IRAK2	2.268688	1.843808	30.33879	8.30E-96	2.79E-94	206.8449
SEC13	1.375259	5.805788	21.99076	9.15E-66	1.00E-64	137.5621
HRH1	2.513809	1.37464	43.88606	8.12E-137	3.96E-134	301.483
ATG7	1.736139	3.116887	33.90145	1.64E-107	1.06E-105	233.8473
VGLL4	2.016764	4.304222	28.35567	5.40E-89	1.30E-87	191.1267
PPARG	3.637888	2.761762	38.8207	1.46E-122	2.43E-120	268.5847
TMEM40	1.243105	0.696757	12.71324	3.29E-30	1.63E-29	55.72762
IQSEC1	1.006261	3.438192	17.20543	2.49E-47	1.75E-46	95.09457
FBLN2	3.263706	3.279768	30.34406	7.97E-96	2.68E-94	206.886
WNT7A	2.106905	1.037703	20.5556	2.74E-60	2.60E-59	124.9404
CHCHD4	1.126071	2.759931	25.519	6.96E-79	1.15E-77	167.8081
TMEM43	2.096144	4.418847	29.10849	1.32E-91	3.64E-90	197.1513
LSM3	1.303269	2.706266	30.83856	1.72E-97	6.32E-96	210.7286
SLC6A6	3.326762	2.869966	39.37758	3.44E-124	6.20E-122	272.3389
FGD5	2.464382	2.389117	34.46407	2.69E-109	1.95E-107	237.9675
FGD5-AS1	1.496713	4.487379	21.44385	1.10E-63	1.14E-62	132.7701
SH3BP5	2.239748	2.908566	25.68005	1.81E-79	3.05E-78	169.1574
METTL6	1.384399	2.464576	30.96021	6.73E-98	2.52E-96	211.6691
EAF1	1.541045	2.530223	31.47681	1.28E-99	5.21E-98	215.6427
DPH3	1.696837	2.553276	34.64842	7.07E-110	5.28E-108	239.3091
OXNAD1	1.325071	2.113839	32.56837	3.27E-103	1.64E-101	223.9289
RFTN1	2.966943	2.856287	38.10612	1.88E-120	2.71E-118	263.7157
TBC1D5	1.193697	2.701703	18.67732	4.86E-53	3.86E-52	108.2417
RAB5A	1.690036	4.036891	27.68295	1.24E-86	2.69E-85	185.6841
SGOL1	1.211784	0.682378	30.76011	3.16E-97	1.14E-95	210.121
ZNF385D	1.021633	0.984549	12.93537	4.98E-31	2.51E-30	57.60976
HMGB1P5	2.081722	4.587574	26.56646	1.15E-82	2.16E-81	176.5301
UBE2E2	1.827159	3.343471	22.72748	1.51E-68	1.79E-67	143.9779
UBE2E1	1.824183	4.766984	30.00685	1.11E-94	3.54E-93	204.2482
NR1D2	1.008594	2.756691	15.25942	8.22E-40	4.94E-39	77.79332
RARB	1.697365	1.348883	29.3513	1.93E-92	5.49E-91	199.0793

TOP2B	1.344269	4.845631	23.37496	5.62E-71	7.16E-70	149.5759
SLC4A7	1.373379	1.689916	21.45263	1.02E-63	1.06E-62	132.8472
AC098614.2	1.353919	0.969903	26.91042	6.78E-84	1.33E-82	179.3661
CMC1	1.32726	4.185699	23.25904	1.52E-70	1.92E-69	148.5766
TGFBR2	1.834158	4.860356	21.42195	1.33E-63	1.38E-62	132.5776
STT3B	1.284327	4.939619	19.9755	4.67E-58	4.17E-57	119.8003
OSBPL10	2.671354	1.956385	37.92353	6.55E-120	9.05E-118	262.4621
ZNF860	1.002576	0.56874	24.7669	3.91E-76	5.90E-75	161.4687
CMTM7	2.55369	4.468848	30.51204	2.16E-96	7.46E-95	208.1948
CMTM6	2.59161	4.085919	36.08576	2.39E-114	2.40E-112	249.6277
DYNC1LI1	1.475681	3.248345	29.50514	5.72E-93	1.67E-91	200.2972
CNOT10	1.03845	3.459544	19.98588	4.25E-58	3.80E-57	119.8924
GLB1	1.718945	4.368836	28.31154	7.70E-89	1.85E-87	190.7714
CRTAP	2.288754	5.453396	28.6841	3.89E-90	9.97E-89	193.7636
FBXL2	1.237688	2.039129	19.04999	1.75E-54	1.44E-53	111.5659
PDCD6IP	1.457914	5.279389	18.35146	8.91E-52	6.87E-51	105.3323
STAC	1.059775	0.634304	17.10076	6.34E-47	4.42E-46	94.16001
TRANK1	1.612872	1.828373	24.8501	1.93E-76	2.95E-75	162.173
MLH1	1.031231	3.466305	19.46417	4.38E-56	3.74E-55	115.2552
LRRFIP2	1.104922	3.999324	19.09812	1.14E-54	9.43E-54	111.9949
TCEA1P2	1.387804	1.226279	19.47629	3.93E-56	3.37E-55	115.3631
ITGA9	1.431138	1.23312	22.96633	1.91E-69	2.32E-68	146.0476
ITGA9-AS1	1.301464	1.70664	23.13333	4.51E-70	5.60E-69	147.4915
CTDSPL	2.120047	3.532008	30.85393	1.53E-97	5.62E-96	210.8475
VILL	4.400114	3.486529	40.92567	1.24E-128	3.10E-126	282.5932
PLCD1	1.116391	3.085783	19.38468	8.89E-56	7.53E-55	114.5477
MYD88	2.354888	3.962719	33.2584	1.89E-105	1.08E-103	229.0904
OXSRI	1.509105	3.20131	25.04171	3.84E-77	5.98E-76	163.7923
CSRNP1	1.134538	3.785863	11.02039	3.95E-24	1.72E-23	41.78277
EIF1B	1.190215	5.049222	17.7207	2.49E-49	1.82E-48	99.69733
CTNNB1	2.38689	6.015935	31.89381	5.32E-101	2.34E-99	218.8258
TRAK1	2.61651	3.689077	36.49463	1.33E-115	1.44E-113	252.5176
CCK	1.700948	1.006782	13.53673	2.87E-33	1.51E-32	62.75371
VIPR1	1.116202	1.92106	12.66592	4.91E-30	2.42E-29	55.32804
SS18L2	1.54134	3.851674	27.86069	2.93E-87	6.53E-86	187.1275
HIGD1A	2.102094	5.134736	28.81127	1.41E-90	3.69E-89	194.7811
FAM198A	1.035845	1.532282	13.42154	7.74E-33	4.05E-32	61.76326
ANO10	1.555069	3.31989	29.53185	4.63E-93	1.36E-91	200.5083
TCAIM	1.465356	2.876968	28.28743	9.35E-89	2.23E-87	190.5772
KIAA1143	1.48814	2.709428	26.82245	1.40E-83	2.71E-82	178.6421
KIF15	1.387618	0.869042	31.95749	3.28E-101	1.45E-99	219.31
TMEM42	1.148044	3.3493	19.58148	1.54E-56	1.33E-55	116.299
ZDHHC3	2.219179	4.338597	33.13179	4.85E-105	2.72E-103	228.1478
EXOSC7	1.685239	4.283283	29.15634	9.04E-92	2.51E-90	197.5318
CLEC3B	1.308225	2.997217	13.24126	3.64E-32	1.88E-31	60.21789
CDCP1	2.677789	3.177878	33.02309	1.09E-104	6.00E-103	227.3369
RPS24P8	1.040484	0.917371	23.65382	5.12E-72	6.71E-71	151.9744
TMEM158	2.63998	2.015702	28.1401	3.06E-88	7.12E-87	189.3887
LARS2	1.121194	2.122706	24.35147	1.32E-74	1.90E-73	157.9404
SLC6A20	1.843812	2.22454	17.54701	1.18E-48	8.48E-48	98.14554
FYCO1	1.074079	2.861038	19.51104	2.89E-56	2.48E-55	115.6723
CXCR6	1.346116	1.036303	18.52344	1.92E-52	1.50E-51	106.8681
CCR1	1.64358	1.342596	22.0789	4.24E-66	4.69E-65	138.3321
CCR2	1.012704	0.924403	13.53714	2.86E-33	1.51E-32	62.75721

CCR5	1. 306538	1. 043172	11. 39238	1. 95E-25	8. 71E-25	44. 77871
CCRL2	2. 168797	1. 697925	34. 99989	5. 57E-111	4. 47E-109	241. 8553
LTF	1. 569642	3. 66574	9. 50469	5. 14E-19	2. 00E-18	30. 07802
ALS2CL	1. 096906	4. 164415	10. 93437	7. 87E-24	3. 41E-23	41. 09626
CCDC12	1. 970979	5. 041421	31. 23729	7. 99E-99	3. 13E-97	213. 8045
KIF9	1. 178523	3. 112991	19. 64941	8. 44E-57	7. 34E-56	116. 9032
KLHL18	1. 159032	2. 339715	24. 47825	4. 51E-75	6. 58E-74	159. 0191
ELP6	1. 243099	3. 697458	24. 73043	5. 32E-76	8. 00E-75	161. 1596
SMARCC1	1. 119358	3. 600568	18. 89247	7. 13E-54	5. 77E-53	110. 1612
DHX30	1. 059365	4. 314087	18. 40487	5. 53E-52	4. 29E-51	105. 8094
MAP4	1. 516397	5. 473726	21. 72119	9. 66E-65	1. 03E-63	135. 2031
FBXW12	-1. 62362	1. 011603	-31. 2831	5. 62E-99	2. 22E-97	214. 1563
CCDC51	2. 035626	2. 512234	42. 39672	9. 48E-133	3. 42E-130	292. 0952
TMA7	1. 51291	7. 155726	20. 36751	1. 45E-59	1. 34E-58	123. 2759
TREX1	1. 352024	4. 06772	19. 7109	4. 89E-57	4. 27E-56	117. 4498
SHISA5	2. 487915	5. 803531	32. 92578	2. 25E-104	1. 21E-102	226. 6098
COL7A1	3. 5777	2. 656869	28. 37876	4. 49E-89	1. 09E-87	191. 3125
UQCRC1	1. 618064	6. 432255	24. 68353	7. 91E-76	1. 18E-74	160. 762
CELSR3	1. 133157	1. 348227	15. 4143	2. 09E-40	1. 27E-39	79. 16173
NCKIPSD	1. 325715	3. 225489	22. 14178	2. 45E-66	2. 73E-65	138. 8811
NDUFAF3	1. 652556	5. 476119	18. 82868	1. 26E-53	1. 01E-52	109. 5922
QARS	1. 167363	6. 435375	16. 05291	7. 23E-43	4. 62E-42	84. 82348
LAMB2	1. 348536	6. 902696	17. 78068	1. 46E-49	1. 07E-48	100. 2332
CCDC71	1. 651892	2. 950339	34. 09164	4. 08E-108	2. 73E-106	235. 2445
KLHDC8B	1. 278104	3. 61893	19. 20936	4. 23E-55	3. 53E-54	112. 9862
USP4	1. 364597	4. 036279	23. 10934	5. 54E-70	6. 87E-69	147. 2842
GPX1	3. 111853	6. 888466	36. 05479	2. 97E-114	2. 97E-112	249. 4079
RHOA	2. 284813	7. 224514	29. 0331	2. 40E-91	6. 54E-90	196. 5511
TCTA	1. 086129	3. 889616	17. 48246	2. 10E-48	1. 50E-47	97. 56889
DAG1	1. 263039	4. 821551	17. 27334	1. 36E-47	9. 58E-47	95. 70098
APEH	1. 358258	5. 532399	21. 02926	4. 20E-62	4. 17E-61	129. 1223
RNF123	1. 136632	3. 388342	21. 81923	4. 10E-65	4. 42E-64	136. 0617
FAM212A	1. 194368	1. 163424	23. 99368	2. 79E-73	3. 84E-72	154. 887
MST1R	3. 621368	3. 86975	35. 62452	6. 32E-113	5. 72E-111	246. 3436
SEMA3F	1. 973169	2. 734927	26. 01178	1. 14E-80	1. 99E-79	171. 9273
SLC38A3	-2. 61046	2. 935651	-22. 9474	2. 25E-69	2. 73E-68	145. 8834
GNAI2	2. 865847	6. 134066	36. 51109	1. 19E-115	1. 29E-113	252. 6335
HYAL3	1. 020682	1. 248984	20. 8307	2. 42E-61	2. 36E-60	127. 371
HYAL1	1. 527095	2. 878763	14. 16185	1. 26E-35	6. 97E-35	68. 1661
HYAL2	2. 271431	4. 494955	31. 6666	3. 00E-100	1. 27E-98	217. 0941
CYB561D2	1. 277345	3. 681669	21. 80826	4. 51E-65	4. 86E-64	135. 9657
TMEM115	1. 408163	4. 243447	25. 99186	1. 34E-80	2. 35E-79	171. 7613
MANF	1. 065417	6. 422643	13. 13282	9. 22E-32	4. 72E-31	59. 29122
VPRBP	1. 031767	2. 762009	20. 61747	1. 59E-60	1. 51E-59	125. 4874
TEX264	1. 800997	5. 02182	30. 97887	5. 83E-98	2. 19E-96	211. 8132
RRP9	1. 666242	3. 409018	30. 39285	5. 45E-96	1. 85E-94	207. 2665
PARP3	2. 314903	3. 044914	31. 36864	2. 92E-99	1. 17E-97	214. 8135
PCBP4	1. 310174	3. 871703	19. 60428	1. 26E-56	1. 09E-55	116. 5018
ABHD14B	1. 128141	5. 230656	17. 17282	3. 33E-47	2. 33E-46	94. 80338
ABHD14A	1. 167202	3. 696644	19. 5855	1. 49E-56	1. 29E-55	116. 3347
ACY1	2. 398327	4. 154288	32. 39802	1. 18E-102	5. 68E-101	222. 6456
DUSP7	2. 164312	2. 798972	32. 86625	3. 51E-104	1. 86E-102	226. 1643
POC1A	2. 052791	1. 41233	40. 20214	1. 43E-126	3. 03E-124	277. 8337
ALAS1	2. 408077	3. 983563	39. 03262	3. 49E-123	5. 93E-121	270. 0175

TWF2	2. 930245	4. 291485	41. 91448	2. 07E-131	6. 62E-129	289. 0058
PPM1M	1. 514441	3. 242133	23. 63896	5. 82E-72	7. 61E-71	151. 8468
WDR82	1. 813899	4. 050157	28. 15314	2. 76E-88	6. 43E-87	189. 494
TNNC1	1. 60898	2. 122171	16. 52299	1. 10E-44	7. 29E-44	89. 00662
STAB1	1. 059749	4. 513326	10. 48442	2. 79E-22	1. 17E-21	37. 54604
NT5DC2	2. 436641	4. 243541	30. 81064	2. 13E-97	7. 80E-96	210. 5124
SMIM4	1. 713652	4. 085461	23. 92672	4. 95E-73	6. 72E-72	154. 3141
GLT8D1	1. 170303	5. 079061	18. 47148	3. 05E-52	2. 38E-51	106. 4041
ITIH3	1. 55457	1. 358351	21. 3416	2. 69E-63	2. 76E-62	131. 8716
ITIH4	-1. 79973	4. 068518	-11. 5592	4. 98E-26	2. 26E-25	46. 13549
RP5-966M1. 6	-1. 65974	1. 563716	-22. 2989	6. 23E-67	7. 06E-66	140. 2515
PRKCD	1. 961907	4. 134844	27. 50077	5. 43E-86	1. 15E-84	184. 2007
DCP1A	1. 014679	2. 287983	19. 74219	3. 70E-57	3. 24E-56	117. 728
ACTR8	1. 091899	3. 185182	22. 18419	1. 69E-66	1. 90E-65	139. 2512
WNT5A	1. 493226	2. 109922	17. 38373	5. 06E-48	3. 60E-47	96. 68699
PDE12	1. 064577	1. 988224	20. 67179	9. 82E-61	9. 42E-60	125. 9675
ARF4	1. 853161	6. 613327	23. 70959	3. 18E-72	4. 20E-71	152. 4532
DENND6A	1. 383032	2. 308863	28. 37515	4. 62E-89	1. 12E-87	191. 2835
SLMAP	1. 92632	3. 56698	28. 35854	5. 28E-89	1. 27E-87	191. 1498
FLNB	2. 277144	6. 387864	22. 29225	6. 60E-67	7. 47E-66	140. 1934
ABHD6	1. 339328	1. 647002	26. 75961	2. 34E-83	4. 51E-82	178. 1244
PDHB	1. 437091	4. 601034	24. 65265	1. 03E-75	1. 53E-74	160. 5002
FAM3D	4. 307732	2. 478863	27. 56247	3. 29E-86	7. 03E-85	184. 7036
PTPRG	1. 501305	2. 121251	22. 81677	6. 95E-69	8. 34E-68	144. 7523
C3orf14	1. 143168	3. 034731	16. 00753	1. 08E-42	6. 89E-42	84. 42031
THOC7	1. 308591	5. 117156	21. 53072	5. 12E-64	5. 36E-63	133. 5328
PSMD6	-1. 11216	6. 108467	-13. 6252	1. 34E-33	7. 09E-33	63. 51568
ADAMTS9	1. 206966	3. 015948	14. 30206	3. 72E-36	2. 07E-35	69. 38797
SLC25A26	1. 205434	3. 696787	22. 86163	4. 72E-69	5. 69E-68	145. 141
SUCLG2	1. 634957	4. 316934	26. 92441	6. 04E-84	1. 19E-82	179. 4812
PSMC1P1	2. 295964	3. 137362	32. 52304	4. 60E-103	2. 29E-101	223. 5878
UBA3	1. 496566	3. 890577	24. 68841	7. 59E-76	1. 13E-74	160. 8034
ARL6IP5	2. 40694	5. 297494	33. 34471	9. 99E-106	5. 83E-104	229. 7318
FRMD4B	1. 77832	2. 582576	25. 84189	4. 69E-80	8. 04E-79	170. 5103
MITF	1. 519214	1. 89545	22. 87328	4. 26E-69	5. 15E-68	145. 2419
FOXP1	1. 616939	3. 408404	28. 04062	6. 83E-88	1. 56E-86	188. 5847
RYBP	1. 7393	2. 245241	33. 06124	8. 21E-105	4. 53E-103	227. 6216
GXYLT2	1. 394504	1. 427841	19. 02747	2. 14E-54	1. 76E-53	111. 3651
FTHIP23	1. 185885	1. 215211	24. 76532	3. 96E-76	5. 97E-75	161. 4553
PPP4R2	1. 415089	3. 125795	23. 07875	7. 22E-70	8. 92E-69	147. 0199
PDZRN3	1. 468371	2. 425024	19. 03894	1. 93E-54	1. 59E-53	111. 4674
HNRNPA3P6	1. 772688	1. 75725	32. 18198	6. 00E-102	2. 79E-100	221. 0128
RPL23AP49	-1. 04158	1. 654322	-16. 9602	2. 22E-46	1. 53E-45	92. 90548
ROBO1	2. 309393	1. 983564	28. 21935	1. 62E-88	3. 81E-87	190. 0283
GBE1	1. 14337	2. 937146	16. 69541	2. 36E-45	1. 59E-44	90. 54339
CHMP2B	1. 674902	4. 217353	25. 01935	4. 63E-77	7. 19E-76	163. 6035
CGGBP1	1. 012268	4. 056424	15. 70911	1. 53E-41	9. 52E-41	81. 77193
C3orf38	1. 617569	2. 306198	33. 68896	7. 85E-107	4. 89E-105	232. 281
EPHA3	1. 824089	1. 484955	20. 94751	8. 63E-62	8. 50E-61	128. 4016
PROS1	2. 451302	2. 834846	31. 77126	1. 35E-100	5. 83E-99	217. 8926
ARL13B	1. 301306	1. 647673	24. 83765	2. 15E-76	3. 28E-75	162. 0676
CLDND1	1. 47488	4. 54318	21. 67817	1. 41E-64	1. 50E-63	134. 8261
CPOX	1. 074581	2. 684429	20. 35098	1. 67E-59	1. 55E-58	123. 1295
DCBLD2	2. 347659	2. 813518	23. 55344	1. 21E-71	1. 57E-70	151. 1119

COL8A1	4.306957	2.559055	38.63823	5.01E-122	8.02E-120	267.347
FILIP1L	1.770072	3.601187	19.15422	6.92E-55	5.75E-54	112.4949
NIT2	1.32517	4.487879	22.35163	3.94E-67	4.50E-66	140.7107
TMEM45A	1.857091	3.833286	18.93251	4.99E-54	4.05E-53	110.5184
TFG	1.507058	5.441455	23.05529	8.84E-70	1.09E-68	146.8171
ABI3BP	1.903513	2.819518	17.36409	6.03E-48	4.28E-47	96.51157
TRMT10C	1.703204	2.857328	34.43831	3.25E-109	2.34E-107	237.7797
PCNP	1.27094	5.208431	17.71533	2.62E-49	1.91E-48	99.64937
NXPE3	1.167237	1.418082	19.01072	2.48E-54	2.03E-53	111.2158
ALCAM	1.109704	4.034097	13.70118	6.92E-34	3.69E-33	64.17162
CBLB	1.737608	2.976457	28.53272	1.30E-89	3.25E-88	192.5499
LINC00883	1.020429	0.983295	21.59573	2.90E-64	3.05E-63	134.1032
BBX	1.668405	2.703606	24.77973	3.51E-76	5.30E-75	161.5773
CD47	2.508588	5.267106	31.52902	8.56E-100	3.53E-98	216.0425
IFT57	1.322364	4.101325	20.10097	1.53E-58	1.39E-57	120.9136
HHLA2	2.479213	1.72964	22.49542	1.13E-67	1.31E-66	141.9622
KIAA1524	1.421184	1.013193	29.7178	1.07E-93	3.25E-92	201.9757
GUCA1C	-3.14359	2.076757	-30.207	2.32E-95	7.64E-94	205.8158
PVRL3	1.540807	1.971244	21.36325	2.23E-63	2.29E-62	132.0618
CD96	1.741056	1.132318	23.10361	5.83E-70	7.22E-69	147.2347
ZBED2	1.589242	0.774962	17.32249	8.75E-48	6.19E-47	96.13994
P11-757F18.	-1.08634	1.96335	-16.2891	8.84E-44	5.76E-43	86.92356
CD200	1.677766	2.315696	19.76288	3.08E-57	2.70E-56	117.9118
ATG3	1.226417	4.459554	22.72584	1.53E-68	1.82E-67	143.9637
SLC35A5	1.555681	3.223388	24.9088	1.18E-76	1.81E-75	162.6695
CCDC80	3.321066	5.038241	23.55888	1.16E-71	1.50E-70	151.1586
BOC	1.176964	3.236467	12.06702	7.50E-28	3.54E-27	50.31521
SIDT1	1.453441	1.244949	21.997	8.66E-66	9.51E-65	137.6166
NAA50	1.976832	4.657588	29.0437	2.21E-91	6.02E-90	196.6355
ATP6V1A	1.610888	3.393627	29.07517	1.72E-91	4.72E-90	196.8861
QTRTD1	1.057838	2.483156	20.31077	2.39E-59	2.20E-58	122.7733
TIGIT	1.383644	0.755789	19.69262	5.75E-57	5.01E-56	117.2874
GAP43	1.554306	1.052874	19.78021	2.64E-57	2.32E-56	118.0658
LSAMP	1.400144	1.416132	17.6514	4.63E-49	3.37E-48	99.07817
BZW1P2	2.230306	2.317131	24.03935	1.89E-73	2.61E-72	155.2774
UPK1B	1.22924	1.737695	7.728577	1.44E-13	4.93E-13	17.65557
B4GALT4	2.268934	4.065051	33.57859	1.77E-106	1.07E-104	231.4654
ARHGAP31	1.423872	1.480863	25.21699	8.78E-78	1.40E-76	165.2701
TIMMDC1	1.754949	5.146094	28.91807	6.01E-91	1.60E-89	195.634
PLA1A	1.749577	1.840211	24.32415	1.67E-74	2.39E-73	157.7077
POPDC2	1.125665	1.57914	15.44732	1.56E-40	9.51E-40	79.45374
COX17	1.872533	5.379261	30.29096	1.20E-95	4.01E-94	206.4716
MAATS1	-1.60526	2.336063	-24.0176	2.28E-73	3.13E-72	155.0919
NR1I2	2.260821	1.273347	19.70489	5.16E-57	4.50E-56	117.3964
GSK3B	2.014725	2.931994	38.00361	3.78E-120	5.34E-118	263.0123
LRRC58	1.03077	2.251369	19.75565	3.28E-57	2.88E-56	117.8476
FSTL1	3.45832	4.78088	30.01231	1.06E-94	3.40E-93	204.291
NDUFB4	1.566382	6.583603	21.10717	2.12E-62	2.12E-61	129.8088
RABL3	1.266343	2.427494	24.72123	5.75E-76	8.64E-75	161.0817
GTF2E1	1.089887	1.920476	25.13404	1.76E-77	2.78E-76	164.5711
HCLS1	2.267045	3.728149	20.12378	1.25E-58	1.14E-57	121.1159
ILDR1	1.341495	2.178693	21.94889	1.32E-65	1.44E-64	137.1961
CD86	2.359458	1.590162	31.06344	3.04E-98	1.16E-96	212.4658
CSTA	2.977296	2.540084	28.90672	6.57E-91	1.75E-89	195.5434

CCDC58	1. 156134	3. 894058	20. 07018	2. 01E-58	1. 82E-57	120. 6405
KPNA1	1. 217489	3. 3816	18. 33411	1. 04E-51	8. 02E-51	105. 1774
PARP9	1. 829761	4. 044058	22. 73188	1. 45E-68	1. 72E-67	144. 0161
DTX3L	1. 664117	3. 371679	24. 26431	2. 78E-74	3. 95E-73	157. 1978
PARP14	1. 986184	3. 120187	28. 0223	7. 92E-88	1. 81E-86	188. 4366
SEC22A	1. 358981	2. 925388	25. 51981	6. 91E-79	1. 14E-77	167. 815
HACD2	1. 608246	3. 257289	26. 05699	7. 82E-81	1. 38E-79	172. 3037
MYLK	2. 78216	3. 435465	22. 50164	1. 07E-67	1. 24E-66	142. 0163
KALRN	1. 029316	3. 154357	11. 15692	1. 31E-24	5. 78E-24	42. 87738
UMPS	1. 598523	3. 51396	29. 56339	3. 61E-93	1. 07E-91	200. 7575
ITGB5	3. 727229	5. 395097	40. 85284	2. 00E-128	4. 85E-126	282. 1167
MUC13	4. 709779	3. 318653	34. 49241	2. 19E-109	1. 60E-107	238. 174
HEG1	1. 472993	3. 040396	16. 2673	1. 07E-43	6. 97E-43	86. 73001
SLC12A8	1. 390886	3. 131607	20. 33113	2. 00E-59	1. 84E-58	122. 9537
ZNF148	1. 30696	2. 072323	25. 01664	4. 74E-77	7. 35E-76	163. 5807
SNX4	1. 417198	3. 462243	24. 90348	1. 23E-76	1. 89E-75	162. 6245
OSBPL11	1. 383199	1. 769418	29. 8602	3. 50E-94	1. 09E-92	203. 0965
ALG1L	1. 834654	1. 400798	19. 4778	3. 88E-56	3. 32E-55	115. 3765
SLC41A3	1. 181091	4. 404248	19. 59524	1. 37E-56	1. 18E-55	116. 4214
ALDH1L1	-1. 42107	3. 442643	-11. 5979	3. 63E-26	1. 65E-25	46. 45174
KLF15	-2. 45086	3. 051746	-27. 9411	1. 53E-87	3. 44E-86	187. 7791
CHCHD6	1. 446273	3. 201577	30. 73313	3. 89E-97	1. 40E-95	209. 9119
PLXNA1	1. 551295	3. 062074	19. 73707	3. 87E-57	3. 39E-56	117. 6825
TPRA1	1. 245229	4. 214397	21. 9838	9. 72E-66	1. 06E-64	137. 5013
MCM2	2. 198087	2. 182214	34. 21247	1. 69E-108	1. 16E-106	236. 1297
PODXL2	1. 405953	2. 65642	17. 22167	2. 15E-47	1. 51E-46	95. 2396
ABTB1	1. 234294	4. 383174	16. 16354	2. 70E-43	1. 74E-42	85. 80702
MGLL	4. 008214	3. 843112	43. 41198	1. 56E-135	7. 05E-133	298. 5196
RUVBL1	1. 98678	4. 018699	33. 71307	6. 57E-107	4. 11E-105	232. 4591
EEFSEC	1. 192075	3. 002419	26. 09564	5. 67E-81	1. 00E-79	172. 6254
GATA2-AS1	-1. 28273	1. 764015	-20. 1284	1. 20E-58	1. 09E-57	121. 1573
RPN1	2. 088236	6. 33731	30. 73463	3. 84E-97	1. 38E-95	209. 9235
RAB7A	2. 163334	6. 013878	32. 01276	2. 16E-101	9. 74E-100	219. 7298
ACAD9	1. 014904	3. 78935	19. 34991	1. 21E-55	1. 02E-54	114. 2381
RAB43	1. 417476	2. 42321	19. 08528	1. 28E-54	1. 05E-53	111. 8804
ISY1-RAB43	1. 186266	2. 511218	19. 46671	4. 28E-56	3. 66E-55	115. 2779
ISY1	1. 413246	3. 786263	26. 04184	8. 87E-81	1. 56E-79	172. 1776
COPG1	1. 280241	6. 484734	18. 46359	3. 27E-52	2. 55E-51	106. 3337
HMCE5	2. 434416	3. 875441	41. 62922	1. 30E-130	3. 80E-128	287. 1666
H1FX	1. 086944	5. 694425	11. 67727	1. 89E-26	8. 65E-26	47. 10124
PLXND1	2. 157952	4. 930776	26. 3079	9. 75E-82	1. 77E-80	174. 389
TMCC1	1. 625512	2. 855044	28. 48495	1. 91E-89	4. 73E-88	192. 1663
PIK3R4	1. 435308	3. 595081	26. 8848	8. 37E-84	1. 64E-82	179. 1554
ATP2C1	2. 046172	4. 648157	28. 68734	3. 79E-90	9. 72E-89	193. 7896
NEK11	1. 184174	1. 724284	21. 62948	2. 16E-64	2. 28E-63	134. 3992
NUDT16	1. 128631	3. 198554	19. 59061	1. 42E-56	1. 23E-55	116. 3802
MRPL3	1. 293093	5. 025448	21. 21563	8. 15E-63	8. 26E-62	130. 7636
DNAJC13	1. 400887	2. 844827	26. 28493	1. 18E-81	2. 14E-80	174. 1984
ACKR4	1. 322439	1. 477394	18. 06139	1. 19E-50	8. 92E-50	102. 7413
CDV3	1. 15569	5. 316949	16. 5757	6. 87E-45	4. 58E-44	89. 47635
SLCO2A1	1. 017851	3. 684639	10. 64214	8. 06E-23	3. 41E-22	38. 7825
AMOTL2	1. 165556	3. 422687	14. 93131	1. 49E-38	8. 72E-38	74. 90147
ANAPC13	1. 280338	4. 833908	21. 79738	4. 96E-65	5. 34E-64	135. 8704
MSL2	1. 052029	2. 682927	19. 98557	4. 27E-58	3. 81E-57	119. 8897

PCCB	1. 29541	3. 568183	26. 77031	2. 14E-83	4. 14E-82	178. 2126
NCK1-AS1	1. 42017	1. 48472	33. 74175	5. 32E-107	3. 34E-105	232. 6707
NCK1	1. 971126	3. 524889	28. 2102	1. 74E-88	4. 09E-87	189. 9545
IL20RB	1. 838608	1. 205917	15. 4869	1. 10E-40	6. 71E-40	79. 80388
CLDN18	5. 305963	2. 854309	24. 39842	8. 88E-75	1. 28E-73	158. 3401
ARMC8	1. 12925	3. 350491	20. 00828	3. 49E-58	3. 13E-57	120. 0912
MRAS	1. 780141	2. 558771	22. 55584	6. 68E-68	7. 78E-67	142. 4875
SPSB4	-1. 87756	1. 772341	-29. 5796	3. 18E-93	9. 43E-92	200. 8855
ZBTB38	1. 587794	3. 31817	20. 98416	6. 25E-62	6. 17E-61	128. 7248
RASA2	1. 110404	2. 120323	20. 26498	3. 59E-59	3. 29E-58	122. 3677
RNF7	1. 663292	5. 711457	25. 02726	4. 34E-77	6. 73E-76	163. 6703
ATP1B3	2. 752756	5. 2438	34. 81642	2. 09E-110	1. 61E-108	240. 528
TFDP2	1. 462284	2. 86988	28. 42174	3. 18E-89	7. 77E-88	191. 6582
PLS1	3. 012906	3. 313084	32. 96438	1. 69E-104	9. 13E-103	226. 8983
PCOLCE2	1. 85798	1. 496896	20. 70443	7. 36E-61	7. 09E-60	126. 256
CHST2	1. 0377	1. 067481	19. 51948	2. 68E-56	2. 30E-55	115. 7474
SLC9A9	1. 260297	1. 195719	19. 2498	2. 95E-55	2. 47E-54	113. 3465
C3orf58	1. 797325	2. 104632	32. 58022	2. 99E-103	1. 51E-101	224. 018
PLOD2	1. 657133	3. 827848	15. 61127	3. 65E-41	2. 25E-40	80. 90491
PLSCR4	1. 099729	3. 213501	13. 13271	9. 23E-32	4. 72E-31	59. 29027
PLSCR1	2. 18686	5. 285995	23. 38652	5. 09E-71	6. 49E-70	149. 6755
CPB1	-7. 46497	10. 13539	-19. 1655	6. 26E-55	5. 21E-54	112. 5953
RP11-680B3. 2	-4. 22542	2. 983429	-33. 7141	6. 52E-107	4. 09E-105	232. 4663
CPA3	1. 381573	2. 828572	13. 13482	9. 06E-32	4. 64E-31	59. 30828
HPS3	1. 261628	3. 175788	22. 23627	1. 08E-66	1. 21E-65	139. 7054
CP	2. 970613	3. 102974	16. 11486	4. 17E-43	2. 67E-42	85. 37418
TM4SF1	3. 329295	6. 857747	26. 17456	2. 95E-81	5. 26E-80	173. 2817
TM4SF1-AS1	1. 03876	1. 157536	13. 14322	8. 44E-32	4. 32E-31	59. 38001
TM4SF4	3. 096541	5. 632771	18. 56827	1. 29E-52	1. 01E-51	107. 2683
WWTR1	1. 988988	3. 896206	19. 89073	9. 90E-58	8. 79E-57	119. 0476
COMMD2	1. 366427	3. 025949	23. 36555	6. 09E-71	7. 76E-70	149. 4948
RNF13	1. 430369	4. 471204	21. 78637	5. 46E-65	5. 87E-64	135. 774
PFN2	1. 139194	4. 388426	12. 77493	1. 95E-30	9. 69E-30	56. 24932
P11-651P23.	1. 385239	1. 565647	24. 06083	1. 57E-73	2. 18E-72	155. 4611
TSC22D2	1. 237356	3. 000032	19. 67999	6. 43E-57	5. 61E-56	117. 175
SELT	1. 541833	5. 182786	22. 18216	1. 72E-66	1. 93E-65	139. 2334
GPR171	1. 218716	0. 931298	14. 23042	6. 95E-36	3. 85E-35	68. 76332
GPR87	2. 428119	1. 194718	19. 52026	2. 66E-56	2. 29E-55	115. 7543
AADAC	-1. 03856	2. 995854	-7. 16249	5. 56E-12	1. 81E-11	14. 05696
SUCNR1	1. 166304	0. 60546	14. 3278	2. 97E-36	1. 66E-35	69. 61256
MBNL1	1. 975231	4. 007026	28. 39643	3. 89E-89	9. 47E-88	191. 4547
RAP2B	2. 525647	2. 413331	47. 01495	4. 78E-145	4. 52E-142	320. 4796
DHX36	1. 110999	4. 016557	17. 67512	3. 75E-49	2. 73E-48	99. 29008
MME	1. 564888	1. 133575	17. 00511	1. 49E-46	1. 03E-45	93. 30623
GMPS	1. 354005	4. 144444	21. 17984	1. 12E-62	1. 13E-61	130. 4486
TIPARP	2. 064278	3. 008317	29. 39843	1. 33E-92	3. 82E-91	199. 4527
RSRC1	1. 54898	3. 102681	27. 94168	1. 52E-87	3. 42E-86	187. 7839
MLF1	2. 174323	2. 371339	27. 59143	2. 60E-86	5. 58E-85	184. 9394
GFM1	1. 156433	3. 609603	21. 45775	9. 72E-64	1. 01E-62	132. 8922
LXN	2. 67866	3. 75396	36. 02171	3. 76E-114	3. 72E-112	249. 1732
RARRES1	2. 978545	3. 45259	21. 07254	2. 87E-62	2. 86E-61	129. 5037
MFS1	1. 836283	4. 575866	26. 40737	4. 28E-82	7. 89E-81	175. 2136
IQCJ-SCHIP1	2. 477563	1. 85277	34. 38356	4. 84E-109	3. 45E-107	237. 3803
C3orf80	1. 387841	0. 806898	26. 21471	2. 11E-81	3. 79E-80	173. 6154

SMC4	1. 530877	3. 171927	23. 51473	1. 69E-71	2. 18E-70	150. 779
TRIM59	1. 732865	1. 370405	33. 32637	1. 14E-105	6. 65E-104	229. 5956
KPNA4	1. 843256	2. 943638	34. 22828	1. 50E-108	1. 04E-106	236. 2454
KRT8P12	1. 795343	1. 972792	31. 76235	1. 45E-100	6. 23E-99	217. 8247
ARL14	2. 678117	3. 16071	20. 91263	1. 17E-61	1. 15E-60	128. 0939
B3GALNT1	1. 454497	2. 190115	23. 66889	4. 50E-72	5. 92E-71	152. 1038
NMD3	1. 010019	4. 098432	14. 29125	4. 09E-36	2. 27E-35	69. 29363
SPTSSB	2. 196078	1. 46935	21. 25636	5. 70E-63	5. 80E-62	131. 1219
RPL23AP42	1. 591983	9. 310465	17. 79269	1. 31E-49	9. 65E-49	100. 3405
SERPINI2	-5. 5805	4. 769029	-28. 5436	1. 20E-89	2. 98E-88	192. 6376
PDCD10	1. 858465	4. 249969	29. 18868	6. 99E-92	1. 95E-90	197. 7888
SERPINI1	-1. 08472	3. 058625	-16. 3149	7. 02E-44	4. 58E-43	87. 15337
GOLIM4	1. 888449	3. 273516	24. 51691	3. 25E-75	4. 76E-74	159. 3477
RP11-641D5. 1	2. 371679	6. 951142	30. 78298	2. 64E-97	9. 62E-96	210. 2982
LRRC31	1. 141285	0. 564439	13. 73783	5. 04E-34	2. 70E-33	64. 48825
GPR160	1. 239922	3. 119349	15. 02326	6. 61E-39	3. 91E-38	75. 71083
PRKCI	2. 064064	3. 103416	29. 58083	3. 15E-93	9. 35E-92	200. 8952
SKIL	2. 593335	2. 948617	34. 45748	2. 83E-109	2. 04E-107	237. 9194
CLDN11	2. 369897	1. 8119	26. 14346	3. 81E-81	6. 78E-80	173. 0232
RPL22L1	1. 037795	5. 811642	11. 34582	2. 84E-25	1. 27E-24	44. 40139
EIF5A2	1. 960262	1. 684245	32. 50044	5. 45E-103	2. 70E-101	223. 4176
TNIK	1. 973609	2. 325685	27. 222	5. 28E-85	1. 08E-83	181. 923
FNDC3B	1. 370673	3. 77594	18. 46342	3. 28E-52	2. 55E-51	106. 3322
TNFSF10	2. 555574	4. 407139	30. 91579	9. 48E-98	3. 51E-96	211. 3259
NCEH1	2. 319472	2. 460368	31. 9716	2. 95E-101	1. 31E-99	219. 4172
ECT2	2. 851627	2. 251211	41. 07179	4. 79E-129	1. 25E-126	283. 5475
NAALADL2	1. 370055	1. 247303	25. 35995	2. 64E-78	4. 29E-77	166. 4728
TBL1XR1	1. 61938	3. 823489	26. 28628	1. 17E-81	2. 11E-80	174. 2096
LINC00578	1. 328609	0. 728996	20. 08363	1. 79E-58	1. 61E-57	120. 7598
ZMAT3	1. 137081	1. 839124	20. 61551	1. 61E-60	1. 54E-59	125. 4702
PIK3CA	1. 451625	2. 230292	22. 32536	4. 95E-67	5. 63E-66	140. 4818
ZNF639	1. 089826	3. 457416	19. 01297	2. 44E-54	1. 99E-53	111. 2359
GNB4	2. 085535	1. 776626	28. 92341	5. 76E-91	1. 54E-89	195. 6766
AC007620. 3	1. 768492	1. 428488	22. 30226	6. 05E-67	6. 86E-66	140. 2806
ACTL6A	1. 395527	4. 306619	23. 7819	1. 71E-72	2. 29E-71	153. 0734
MRPL47	2. 262925	3. 931552	39. 9552	7. 34E-126	1. 49E-123	276. 1961
NDUFB5	1. 641321	5. 361071	27. 04335	2. 28E-84	4. 55E-83	180. 4584
PEX5L	-1. 04728	0. 701847	-28. 688	3. 77E-90	9. 68E-89	193. 7951
FXR1	1. 054879	5. 287298	15. 55302	6. 12E-41	3. 75E-40	80. 38909
ATP11B	1. 601712	3. 234626	24. 54351	2. 59E-75	3. 81E-74	159. 5737
DCUN1D1	1. 489532	2. 536882	24. 7868	3. 30E-76	5. 00E-75	161. 6372
LAMP3	1. 037255	1. 752692	13. 07236	1. 55E-31	7. 87E-31	58. 77557
B3GNT5	2. 316374	2. 477077	31. 52424	8. 88E-100	3. 65E-98	216. 0059
KLHL6	1. 476609	1. 037964	20. 5279	3. 50E-60	3. 31E-59	124. 6954
YEATS2	1. 275657	2. 621429	22. 49484	1. 13E-67	1. 31E-66	141. 9571
PARL	1. 463937	4. 972623	25. 03891	3. 93E-77	6. 12E-76	163. 7687
AP2M1	2. 227062	6. 750558	29. 70938	1. 14E-93	3. 47E-92	201. 9094
ECE2	-1. 22216	3. 380735	-17. 1858	2. 97E-47	2. 08E-46	94. 91966
CAMK2N2	-2. 42599	2. 438913	-27. 1962	6. 52E-85	1. 32E-83	181. 7114
PSMD2	1. 874074	5. 929826	26. 47497	2. 45E-82	4. 55E-81	175. 7734
EIF4G1	1. 141655	6. 698844	15. 65753	2. 42E-41	1. 50E-40	81. 31481
FAM131A	1. 258442	3. 081026	20. 37697	1. 33E-59	1. 24E-58	123. 3596
POLR2H	1. 337611	5. 467911	18. 46613	3. 20E-52	2. 49E-51	106. 3563
CHRD	-1. 40693	3. 226672	-14. 512	5. 92E-37	3. 36E-36	71. 22247

MAGEF1	1. 507464	4. 173075	26. 55012	1. 32E-82	2. 47E-81	176. 395
MAP3K13	1. 495684	3. 681557	25. 90324	2. 81E-80	4. 85E-79	171. 0224
TMEM41A	1. 578272	3. 051379	29. 12498	1. 16E-91	3. 20E-90	197. 2824
LIPH	3. 316537	2. 910514	37. 95847	5. 16E-120	7. 20E-118	262. 7023
IGF2BP2	1. 963403	2. 738795	23. 4887	2. 11E-71	2. 72E-70	150. 5551
TRA2B	1. 328205	5. 301982	20. 14077	1. 08E-58	9. 79E-58	121. 2666
DNAJB11	1. 455081	6. 150037	22. 07928	4. 23E-66	4. 68E-65	138. 3355
PSMD10P2	1. 084185	0. 535435	18. 296	1. 46E-51	1. 12E-50	104. 8371
RFC4	1. 103435	3. 262837	18. 78114	1. 92E-53	1. 54E-52	109. 1682
ST6GAL1	2. 654853	2. 969766	30. 94239	7. 72E-98	2. 88E-96	211. 5315
RPL39L	2. 676309	2. 148821	31. 00915	4. 62E-98	1. 75E-96	212. 047
RTP4	2. 748221	2. 220243	40. 2397	1. 12E-126	2. 39E-124	278. 0822
P11-567G11.	1. 867442	0. 914789	26. 88087	8. 64E-84	1. 69E-82	179. 123
LPP	1. 755821	2. 588005	25. 02514	4. 41E-77	6. 85E-76	163. 6525
TPRG1	2. 141172	1. 501276	25. 36193	2. 60E-78	4. 22E-77	166. 4894
P3H2	2. 291517	2. 322547	25. 13191	1. 80E-77	2. 83E-76	164. 5532
CLDN1	1. 937804	4. 516897	17. 71304	2. 67E-49	1. 95E-48	99. 62887
IL1RAP	2. 36574	2. 011069	31. 55093	7. 24E-100	3. 00E-98	216. 2101
MB21D2	1. 517016	1. 169142	32. 9621	1. 72E-104	9. 28E-103	226. 8813
OPA1	1. 286158	3. 4175	19. 4798	3. 81E-56	3. 26E-55	115. 3944
HES1	1. 860417	4. 751573	21. 08941	2. 47E-62	2. 47E-61	129. 6523
LRRC15	2. 435615	1. 184725	21. 86679	2. 70E-65	2. 93E-64	136. 4779
ATP13A3	1. 808656	3. 817245	24. 78996	3. 21E-76	4. 87E-75	161. 664
TMEM44	2. 291314	2. 919198	33. 14735	4. 32E-105	2. 43E-103	228. 2637
FAM43A	1. 479905	1. 792522	23. 29266	1. 14E-70	1. 44E-69	148. 8666
XXYL1	2. 031964	2. 067699	39. 38608	3. 25E-124	5. 87E-122	272. 396
XXYL1-AS2	1. 480536	0. 736244	20. 07274	1. 97E-58	1. 78E-57	120. 6631
ACAP2	1. 36741	2. 527628	23. 40129	4. 48E-71	5. 73E-70	149. 8027
PPP1R2	2. 109352	3. 893662	33. 64669	1. 07E-106	6. 57E-105	231. 9688
APOD	1. 760954	6. 924586	12. 50956	1. 84E-29	8. 95E-29	54. 0112
AC069213. 1	1. 203687	1. 897987	11. 67705	1. 89E-26	8. 67E-26	47. 09949
MUC20	2. 772798	4. 426228	22. 15143	2. 25E-66	2. 51E-65	138. 9653
MUC4	3. 233169	2. 113507	22. 22516	1. 18E-66	1. 33E-65	139. 6085
TNK2	1. 59902	4. 587762	17. 47692	2. 20E-48	1. 58E-47	97. 51939
TFRC	1. 679004	3. 772683	22. 39965	2. 59E-67	2. 97E-66	141. 1288
PCYT1A	1. 250813	3. 612388	21. 41903	1. 36E-63	1. 41E-62	132. 552
TCTEX1D2	1. 625973	2. 614221	25. 27684	5. 31E-78	8. 54E-77	165. 7738
TM4SF19	1. 008001	0. 573226	18. 04101	1. 43E-50	1. 07E-49	102. 5592
RNF168	1. 261539	2. 074603	27. 98362	1. 08E-87	2. 45E-86	188. 1235
WDR53	1. 532194	2. 360183	30. 53106	1. 86E-96	6. 46E-95	208. 3427
FBX045	1. 317541	1. 935871	30. 21547	2. 17E-95	7. 17E-94	205. 8818
NRROS	1. 128321	1. 091377	18. 82935	1. 25E-53	1. 01E-52	109. 5982
PIGX	1. 362936	2. 805626	28. 6202	6. 48E-90	1. 64E-88	193. 2517
PAK2	2. 041239	3. 432587	33. 36435	8. 64E-106	5. 05E-104	229. 8776
NCBP2	1. 659022	4. 505484	28. 03215	7. 32E-88	1. 67E-86	188. 5162
NCBP2-AS2	1. 275185	3. 686539	22. 31883	5. 24E-67	5. 95E-66	140. 4249
MFI2	2. 814698	3. 080884	25. 77502	8. 19E-80	1. 40E-78	169. 9517
DLG1	1. 249709	3. 580587	20. 46472	6. 12E-60	5. 74E-59	124. 1364
BDH1	1. 485564	3. 073506	19. 84339	1. 51E-57	1. 33E-56	118. 6271
FYTTD1	1. 03055	3. 378255	13. 67781	8. 47E-34	4. 51E-33	63. 96984
LRCH3	1. 096938	3. 055459	17. 48544	2. 04E-48	1. 46E-47	97. 5955
AC144530. 1	1. 041617	0. 806438	27. 10791	1. 34E-84	2. 70E-83	180. 9881
ATP5I	1. 687733	7. 764717	20. 47433	5. 62E-60	5. 28E-59	124. 2214
MFS7	1. 210725	2. 638855	15. 68502	1. 90E-41	1. 18E-40	81. 55836

DGKQ	1. 058283	2. 732925	15. 95045	1. 80E-42	1. 14E-41	83. 91329
RNF212	-1. 85227	2. 787259	-18. 3584	8. 37E-52	6. 47E-51	105. 3943
TMED11P	-4. 72688	3. 655638	-29. 8238	4. 66E-94	1. 44E-92	202. 81
SPON2	3. 087326	4. 981253	28. 492	1. 81E-89	4. 47E-88	192. 2229
CTBP1-AS2	1. 020475	2. 447607	17. 23242	1. 96E-47	1. 37E-46	95. 33562
P11-1398P2.	2. 135291	1. 461357	36. 6315	5. 11E-116	5. 65E-114	253. 4805
SLBP	1. 828286	4. 132486	29. 07069	1. 78E-91	4. 89E-90	196. 8504
TACC3	2. 899433	2. 861476	41. 17656	2. 42E-129	6. 55E-127	284. 2302
FGFR3	-1. 42459	4. 518272	-12. 8436	1. 09E-30	5. 44E-30	56. 83066
C4orf48	1. 375039	3. 448235	9. 615586	2. 24E-19	8. 80E-19	30. 90371
RNF4	1. 197728	4. 219638	19. 39705	7. 96E-56	6. 76E-55	114. 6578
TNIP2	1. 68411	4. 293387	25. 10562	2. 24E-77	3. 52E-76	164. 3315
SH3BP2	1. 242137	3. 882085	14. 94316	1. 34E-38	7. 86E-38	75. 00577
ADD1	1. 513369	6. 005091	21. 98465	9. 65E-66	1. 06E-64	137. 5087
MFSD10	1. 681023	5. 492585	17. 81241	1. 10E-49	8. 11E-49	100. 5167
RGS12	1. 743818	3. 368149	23. 08193	7. 02E-70	8. 68E-69	147. 0473
LRPAP1	1. 161489	6. 133182	16. 99747	1. 59E-46	1. 10E-45	93. 23803
TMEM128	1. 247665	3. 737659	22. 2899	6. 74E-67	7. 62E-66	140. 1729
LYAR	1. 697843	2. 780358	30. 99586	5. 11E-98	1. 93E-96	211. 9444
D4S234E	1. 08201	1. 126935	13. 10744	1. 15E-31	5. 85E-31	59. 07469
MSX1	1. 071626	1. 391863	18. 37385	7. 29E-52	5. 64E-51	105. 5323
WFS1	1. 35778	3. 827675	17. 70712	2. 82E-49	2. 06E-48	99. 57603
PPP2R2C	1. 628645	1. 04599	16. 09486	4. 98E-43	3. 19E-42	85. 19638
MAN2B2	1. 197463	3. 508899	21. 05814	3. 26E-62	3. 25E-61	129. 3768
MRFAP1	1. 806326	6. 708879	24. 83646	2. 17E-76	3. 31E-75	162. 0576
AC093323. 3	1. 399639	2. 386636	26. 49787	2. 03E-82	3. 77E-81	175. 9628
S100P	8. 276393	4. 622318	51. 44228	5. 15E-156	1. 07E-152	345. 7972
MRFAP1L1	1. 636808	4. 615361	27. 51463	4. 85E-86	1. 03E-84	184. 3137
BLOC1S4	1. 776379	2. 810911	35. 33898	4. 87E-112	4. 16E-110	244. 2977
KIAA0232	1. 418039	2. 426706	26. 57728	1. 05E-82	1. 98E-81	176. 6195
TBC1D14	1. 048914	3. 47496	17. 26239	1. 50E-47	1. 05E-46	95. 60326
CCDC96	1. 046589	0. 904211	28. 9699	3. 98E-91	1. 07E-89	196. 0474
GRPEL1	1. 696722	3. 840321	28. 59704	7. 80E-90	1. 97E-88	193. 066
SORCS2	1. 488492	1. 114893	21. 19026	1. 02E-62	1. 03E-61	130. 5403
AFAP1-AS1	2. 581834	1. 271867	26. 03789	9. 17E-81	1. 61E-79	172. 1447
AFAP1	2. 632536	2. 423315	40. 42382	3. 32E-127	7. 36E-125	279. 298
ABLIM2	1. 558	2. 34705	20. 27529	3. 27E-59	3. 01E-58	122. 459
SH3TC1	1. 500587	3. 520734	20. 44029	7. 60E-60	7. 11E-59	123. 9202
HTRA3	4. 891876	4. 000729	45. 45418	5. 41E-141	3. 76E-138	311. 1236
CPZ	3. 654114	2. 32213	41. 15096	2. 86E-129	7. 70E-127	284. 0635
SLC2A9	1. 273603	1. 428796	24. 711	6. 27E-76	9. 40E-75	160. 9949
WDR1	2. 649626	5. 822087	35. 61449	6. 79E-113	6. 10E-111	246. 2719
HS3ST1	3. 027088	1. 723361	34. 05504	5. 33E-108	3. 55E-106	234. 9759
RAB28	1. 309542	2. 892824	25. 35161	2. 83E-78	4. 60E-77	166. 4027
NKX3-2	1. 104816	0. 673791	21. 07834	2. 73E-62	2. 72E-61	129. 5547
C1QTNF7	1. 015834	0. 781458	17. 01898	1. 32E-46	9. 11E-46	93. 43005
CC2D2A	1. 64868	2. 206797	21. 82022	4. 06E-65	4. 38E-64	136. 0704
FBXL5	1. 336315	4. 507527	20. 73761	5. 49E-61	5. 31E-60	126. 549
FAM200B	1. 271691	4. 010521	22. 78828	8. 90E-69	1. 06E-67	144. 5052
BST1	2. 555513	1. 951844	23. 9907	2. 87E-73	3. 93E-72	154. 8615
CD38	1. 31554	0. 867113	17. 56788	9. 77E-49	7. 05E-48	98. 33199
FGFBP1	2. 645134	1. 458001	20. 60518	1. 77E-60	1. 69E-59	125. 3788
PROM1	2. 264864	3. 899848	21. 17435	1. 17E-62	1. 18E-61	130. 4003
LDB2	1. 315069	2. 593919	16. 30732	7. 51E-44	4. 90E-43	87. 0861

QDPR	1. 128886	4. 079888	18. 61958	8. 13E-53	6. 42E-52	107. 7263
LAP3	2. 386768	4. 673041	31. 39052	2. 47E-99	9. 92E-98	214. 9813
MED28	1. 680771	3. 895932	28. 61566	6. 72E-90	1. 70E-88	193. 2153
NCAPG	1. 838507	1. 060798	35. 99767	4. 45E-114	4. 39E-112	249. 0025
LCORL	1. 119045	1. 472782	24. 75508	4. 32E-76	6. 51E-75	161. 3685
SLIT2	1. 496025	1. 615554	17. 96647	2. 77E-50	2. 07E-49	101. 8932
PACRGL	1. 026592	2. 655415	13. 61637	1. 44E-33	7. 64E-33	63. 43981
RP11-10G12. 1	2. 38045	1. 232281	45. 59755	2. 27E-141	1. 72E-138	311. 9929
PI4K2B	1. 263942	2. 468649	23. 57672	9. 93E-72	1. 29E-70	151. 312
SLC34A2	1. 33517	2. 238452	10. 85897	1. 44E-23	6. 19E-23	40. 49653
SEL1L3	1. 990807	5. 109656	26. 06994	7. 02E-81	1. 24E-79	172. 4115
PCDH7	3. 022241	1. 642943	34. 34821	6. 26E-109	4. 44E-107	237. 1221
ARAP2	1. 122327	2. 128501	19. 10493	1. 07E-54	8. 88E-54	112. 0556
RELL1	1. 491075	1. 518483	24. 91385	1. 13E-76	1. 73E-75	162. 7122
PGM2	1. 972187	2. 883805	32. 9523	1. 85E-104	9. 96E-103	226. 8081
TBC1D1	2. 044382	4. 688971	29. 2059	6. 10E-92	1. 70E-90	197. 9256
KLF3-AS1	-1. 0588	1. 893795	-14. 4896	7. 21E-37	4. 08E-36	71. 02603
KLF3	1. 567234	3. 848727	22. 2998	6. 18E-67	7. 00E-66	140. 2592
FAM114A1	2. 019787	3. 74715	31. 04973	3. 38E-98	1. 29E-96	212. 3601
TMEM156	1. 218901	0. 787587	18. 26395	1. 95E-51	1. 49E-50	104. 5508
KLHL5	1. 996856	2. 836993	25. 20276	9. 89E-78	1. 58E-76	165. 1502
UGDH	1. 018547	4. 172508	11. 43651	1. 36E-25	6. 11E-25	45. 13696
UBE2K	1. 919317	4. 390901	30. 41197	4. 70E-96	1. 60E-94	207. 4155
PDS5A	1. 130947	3. 483699	20. 1587	9. 19E-59	8. 36E-58	121. 4256
RHOH	2. 11982	1. 414003	23. 75916	2. 08E-72	2. 77E-71	152. 8784
RBM47	1. 299122	3. 976872	19. 44669	5. 12E-56	4. 37E-55	115. 0997
APBB2	1. 620781	2. 932809	23. 64022	5. 76E-72	7. 54E-71	151. 8576
UCHL1	1. 743086	3. 849951	15. 97148	1. 49E-42	9. 47E-42	84. 10006
LIMCH1	1. 378005	2. 337463	19. 91126	8. 25E-58	7. 34E-57	119. 23
TMEM33	2. 133554	3. 238328	33. 77043	4. 31E-107	2. 72E-105	232. 8822
SLC30A9	1. 319705	3. 735029	22. 0241	6. 84E-66	7. 53E-65	137. 8535
GNPDA2	1. 417653	2. 38996	27. 3662	1. 63E-85	3. 38E-84	183. 1023
RAC1P2	1. 849178	2. 031276	20. 94805	8. 59E-62	8. 46E-61	128. 4064
COMMD8	1. 369314	2. 802728	25. 9146	2. 56E-80	4. 42E-79	171. 1171
ATP10D	1. 049618	2. 277374	16. 79306	9. 89E-46	6. 71E-45	91. 41423
CORIN	1. 714984	1. 070206	23. 66669	4. 59E-72	6. 03E-71	152. 0849
SLAIN2	1. 732507	3. 528019	23. 93286	4. 70E-73	6. 39E-72	154. 3666
FRYL	1. 223949	3. 234776	20. 59651	1. 91E-60	1. 82E-59	125. 3021
OCIAD1	1. 496336	5. 892406	22. 58367	5. 24E-68	6. 13E-67	142. 7293
OCIAD2	3. 904281	5. 767723	49. 36219	5. 89E-151	8. 69E-148	334. 12
LRRC66	1. 438029	0. 872738	17. 41209	3. 93E-48	2. 80E-47	96. 94027
SGCB	2. 288367	2. 784215	34. 77122	2. 90E-110	2. 20E-108	240. 2004
SPATA18	1. 109328	1. 421614	18. 97157	3. 52E-54	2. 87E-53	110. 8667
RASL11B	1. 640801	1. 364854	22. 68378	2. 20E-68	2. 60E-67	143. 5987
SCFD2	1. 156022	2. 233885	23. 9557	3. 86E-73	5. 27E-72	154. 5621
FIP1L1	1. 26096	4. 26098	16. 24925	1. 26E-43	8. 18E-43	86. 56941
CHIC2	2. 164101	3. 236114	37. 47564	1. 43E-118	1. 86E-116	259. 3707
PDGFRA	1. 577237	3. 338028	14. 99715	8. 33E-39	4. 90E-38	75. 48098
KIT	1. 308293	1. 394672	17. 63102	5. 56E-49	4. 03E-48	98. 89611
SRD5A3	2. 533671	4. 258997	34. 15637	2. 54E-108	1. 72E-106	235. 719
TMEM165	1. 251896	5. 321714	16. 96777	2. 08E-46	1. 43E-45	92. 97302
CLOCK	1. 235232	2. 072438	24. 24883	3. 17E-74	4. 50E-73	157. 0658
NMU	3. 590631	1. 780895	32. 08943	1. 21E-101	5. 51E-100	220. 3116
EXOC1	1. 26657	3. 51453	21. 43488	1. 19E-63	1. 23E-62	132. 6913

KIAA1211	2. 138532	1. 24343	26. 87294	9. 22E-84	1. 80E-82	179. 0577
PAICS	1. 737865	4. 091831	24. 87173	1. 61E-76	2. 47E-75	162. 356
HOPX	4. 460644	3. 636447	43. 36477	2. 10E-135	9. 41E-133	298. 2233
REST	1. 186727	2. 23892	24. 08795	1. 25E-73	1. 73E-72	155. 6928
IGFBP7	3. 077573	8. 010407	28. 06321	5. 69E-88	1. 31E-86	188. 7674
UBA6	1. 30037	2. 554221	19. 09779	1. 14E-54	9. 45E-54	111. 992
SULT1B1	2. 189146	1. 153035	18. 98071	3. 25E-54	2. 65E-53	110. 9482
SULT1E1	1. 644547	0. 84789	14. 71527	9. 95E-38	5. 75E-37	73. 00342
ODAM	2. 472805	1. 472145	21. 37206	2. 06E-63	2. 12E-62	132. 1393
FDCSP	3. 458153	1. 818929	18. 48603	2. 68E-52	2. 09E-51	106. 534
JCHAIN	4. 584062	3. 995507	23. 94478	4. 24E-73	5. 78E-72	154. 4687
UTP3	1. 639351	3. 447703	29. 85917	3. 53E-94	1. 10E-92	203. 0884
GRSF1	1. 117161	5. 076996	16. 94431	2. 56E-46	1. 76E-45	92. 76364
MOB1B	1. 129954	2. 055813	20. 22835	4. 96E-59	4. 54E-58	122. 043
DCK	1. 928011	2. 441003	30. 82585	1. 90E-97	6. 96E-96	210. 6302
SLC4A4	-1. 32071	4. 623488	-9. 12536	8. 50E-18	3. 22E-17	27. 29475
ALB	-5. 28705	5. 375203	-29. 0001	3. 13E-91	8. 48E-90	196. 2879
RASSF6	1. 15423	2. 4645	14. 46459	8. 97E-37	5. 07E-36	70. 80755
CXCL8	3. 217889	3. 035603	20. 89298	1. 40E-61	1. 37E-60	127. 9206
CXCL6	1. 900889	2. 165076	13. 48889	4. 33E-33	2. 28E-32	62. 34212
CXCL1	1. 674072	3. 342435	11. 48205	9. 36E-26	4. 23E-25	45. 50718
PF4	1. 239997	0. 671599	18. 24959	2. 21E-51	1. 69E-50	104. 4225
CXCL5	4. 632995	2. 437918	27. 60508	2. 33E-86	5. 01E-85	185. 0506
CXCL3	2. 269081	1. 994097	19. 57407	1. 65E-56	1. 42E-55	116. 2331
EREG	1. 478543	0. 791516	14. 55678	4. 00E-37	2. 28E-36	71. 61418
AREG	3. 849234	2. 692096	30. 72177	4. 24E-97	1. 52E-95	209. 8238
RP11-44F21.5	1. 580549	0. 967147	19. 64362	8. 89E-57	7. 72E-56	116. 8517
G3BP2	1. 96671	4. 348138	27. 79555	4. 96E-87	1. 09E-85	186. 5989
NAAA	1. 980667	2. 989504	29. 86818	3. 29E-94	1. 03E-92	203. 1593
CXCL9	2. 666624	1. 511732	22. 09069	3. 82E-66	4. 24E-65	138. 4351
CXCL10	2. 696897	1. 620285	23. 03409	1. 06E-69	1. 30E-68	146. 6338
SCARB2	1. 434938	5. 287387	20. 73161	5. 79E-61	5. 59E-60	126. 4961
FAM47E-STBD1	1. 511785	2. 206827	24. 87607	1. 55E-76	2. 38E-75	162. 3927
SHROOM3	2. 659043	2. 834884	32. 65708	1. 68E-103	8. 62E-102	224. 5958
11-Sep	2. 398719	4. 101131	29. 76967	7. 12E-94	2. 18E-92	202. 3843
CCNI	1. 432949	6. 476458	18. 19286	3. 67E-51	2. 79E-50	103. 9158
CCNG2	1. 902935	3. 304983	20. 9969	5. 59E-62	5. 53E-61	128. 8371
CXCL13	2. 440985	1. 303733	15. 03408	6. 01E-39	3. 55E-38	75. 80614
CNOT6L	1. 067692	2. 434431	17. 9688	2. 72E-50	2. 03E-49	101. 9141
MRPL1	1. 40586	3. 514393	27. 82961	3. 76E-87	8. 36E-86	186. 8754
ANXA3	2. 727851	5. 125634	28. 99523	3. 25E-91	8. 80E-90	196. 2494
LINC01094	1. 410729	0. 883216	24. 81882	2. 52E-76	3. 83E-75	161. 9083
BMP2K	1. 350754	2. 372334	23. 66367	4. 71E-72	6. 18E-71	152. 0589
PAQR3	1. 087865	1. 807417	21. 852	3. 08E-65	3. 33E-64	136. 3485
ANTXR2	3. 204291	3. 800036	28. 8745	8. 50E-91	2. 25E-89	195. 2862
PRDM8	1. 227845	1. 142477	20. 81612	2. 75E-61	2. 67E-60	127. 2423
RASGEF1B	2. 184172	1. 80646	37. 97712	4. 54E-120	6. 35E-118	262. 8304
RP11-689K5.5	1. 651388	0. 973156	21. 59341	2. 96E-64	3. 11E-63	134. 0828
HNRNP	1. 132164	6. 778744	15. 63809	2. 88E-41	1. 78E-40	81. 14252
ENOPH1	1. 683235	3. 822293	32. 00323	2. 32E-101	1. 04E-99	219. 6574
LIN54	1. 111624	1. 391126	27. 14277	1. 01E-84	2. 04E-83	181. 2739
COPS4	1. 208328	3. 809756	22. 62764	3. 58E-68	4. 21E-67	143. 1113
PLAC8	5. 305344	3. 261259	41. 99047	1. 27E-131	4. 26E-129	289. 4942
COQ2	1. 426329	2. 273427	29. 72388	1. 02E-93	3. 10E-92	202. 0236

HPSE	1. 850799	1. 158464	34. 58868	1. 09E-109	8. 07E-108	238. 8748
MRPS18C	1. 552787	4. 153635	29. 32551	2. 36E-92	6. 72E-91	198. 8749
AGPAT9	1. 517827	1. 29194	23. 88862	6. 86E-73	9. 28E-72	153. 9879
CDS1	2. 090073	2. 35468	31. 79621	1. 12E-100	4. 84E-99	218. 0828
TECRP1	1. 869254	1. 708564	31. 80866	1. 02E-100	4. 41E-99	218. 1776
HSD17B11	1. 616908	5. 332799	17. 09954	6. 41E-47	4. 46E-46	94. 1491
SPARCL1	1. 644087	5. 820618	14. 28631	4. 27E-36	2. 37E-35	69. 25056
SPP1	2. 834009	7. 434534	15. 04292	5. 56E-39	3. 29E-38	75. 88405
PKD2	1. 135232	3. 152695	13. 41362	8. 28E-33	4. 33E-32	61. 69522
HERC6	1. 452001	2. 42369	14. 33894	2. 69E-36	1. 51E-35	69. 70981
HERC3	1. 141043	4. 402622	12. 05448	8. 32E-28	3. 93E-27	50. 21121
PIGY	2. 496204	2. 223466	16. 99262	1. 67E-46	1. 15E-45	93. 19474
NAP1L5	1. 06742	1. 336101	19. 33557	1. 38E-55	1. 16E-54	114. 1104
TIGD2	1. 122175	1. 713499	26. 51614	1. 74E-82	3. 25E-81	176. 114
SNCA	1. 759577	1. 714374	20. 17869	7. 70E-59	7. 02E-58	121. 6029
TMSB4XP8	2. 4522	2. 165272	12. 66665	4. 88E-30	2. 40E-29	55. 3342
HPGDS	1. 688642	1. 165158	25. 24707	6. 82E-78	1. 09E-76	165. 5233
PDLIM5	2. 114673	4. 045101	31. 54699	7. 46E-100	3. 08E-98	216. 18
TSPAN5	2. 464906	1. 789491	34. 97442	6. 69E-111	5. 35E-109	241. 6713
EIF4E	1. 973008	4. 065867	27. 13776	1. 05E-84	2. 12E-83	181. 2328
METAP1	1. 236513	3. 760429	21. 31026	3. 55E-63	3. 63E-62	131. 596
ADH5	1. 772687	5. 359016	25. 23714	7. 41E-78	1. 19E-76	165. 4397
ADH6	1. 092178	0. 7871	16. 03668	8. 35E-43	5. 33E-42	84. 67929
ADH1C	1. 832299	3. 350826	12. 26001	1. 50E-28	7. 17E-28	51. 92121
DAPP1	2. 778553	1. 541294	42. 32672	1. 48E-132	5. 30E-130	291. 6483
LAMTOR3	1. 707458	4. 289472	28. 61525	6. 74E-90	1. 71E-88	193. 2119
DNAJB14	1. 246085	2. 580763	21. 05758	3. 27E-62	3. 26E-61	129. 3718
H2AFZ	2. 3229	6. 14156	32. 94876	1. 90E-104	1. 02E-102	226. 7816
EMCN	1. 327826	2. 015151	15. 74493	1. 11E-41	6. 95E-41	82. 08953
PPP3CA	2. 30277	3. 076696	37. 58903	6. 54E-119	8. 61E-117	260. 1555
FLJ20021	1. 485113	3. 044664	20. 83537	2. 32E-61	2. 26E-60	127. 4122
BANK1	1. 958084	1. 274726	24. 35875	1. 24E-74	1. 79E-73	158. 0024
NFKB1	1. 720955	3. 623684	26. 7877	1. 86E-83	3. 59E-82	178. 3559
MANBA	1. 503017	3. 199852	24. 26978	2. 65E-74	3. 77E-73	157. 2445
UBE2D3	1. 325698	6. 454521	17. 54066	1. 25E-48	8. 97E-48	98. 08882
CISD2	1. 342882	3. 676991	23. 73278	2. 60E-72	3. 46E-71	152. 6521
SLC9B2	2. 79186	2. 417893	29. 47234	7. 41E-93	2. 15E-91	200. 0378
BDH2	1. 543032	4. 484914	22. 34189	4. 29E-67	4. 89E-66	140. 6258
CENPE	1. 100974	0. 628076	28. 52821	1. 35E-89	3. 36E-88	192. 5137
PPA2	1. 34826	5. 21603	22. 31541	5. 40E-67	6. 13E-66	140. 3951
EEF1A1P9	1. 178417	0. 809188	35. 66783	4. 64E-113	4. 22E-111	246. 653
INTS12	1. 313102	3. 069596	27. 56275	3. 28E-86	7. 02E-85	184. 7058
GSTCD	1. 011821	1. 173659	24. 77251	3. 73E-76	5. 63E-75	161. 5162
NPNT	1. 471595	4. 240519	15. 6198	3. 38E-41	2. 09E-40	80. 98049
AIMP1	1. 228131	4. 195681	20. 6465	1. 23E-60	1. 18E-59	125. 7441
DKK2	1. 149119	0. 618804	21. 99212	9. 04E-66	9. 92E-65	137. 574
SGMS2	1. 902974	2. 661461	24. 36013	1. 23E-74	1. 77E-73	158. 0141
CYP2U1	1. 085654	1. 30273	19. 05472	1. 68E-54	1. 38E-53	111. 6081
HADH	1. 038815	4. 542959	14. 91925	1. 65E-38	9. 69E-38	74. 79539
LEF1	3. 694218	2. 261221	45. 5744	2. 61E-141	1. 90E-138	311. 8526
LEF1-AS1	1. 172338	0. 634519	27. 94108	1. 53E-87	3. 44E-86	187. 779
OSTC	1. 162347	6. 111393	16. 70329	2. 20E-45	1. 49E-44	90. 61369
CCDC109B	2. 749548	2. 278176	44. 6604	6. 82E-139	3. 93E-136	306. 2743
CASP6	1. 154939	3. 661581	18. 82489	1. 30E-53	1. 05E-52	109. 5585

CFI	1. 881385	4. 738197	19. 39746	7. 93E-56	6. 73E-55	114. 6615
GAR1	1. 696184	3. 520022	32. 02042	2. 04E-101	9. 21E-100	219. 7879
EGF	-3. 16616	2. 506387	-34. 3876	4. 70E-109	3. 36E-107	237. 4095
ELOVL6	2. 354803	2. 015623	27. 92943	1. 68E-87	3. 77E-86	187. 6847
ENPEP	1. 044051	1. 320107	15. 0225	6. 66E-39	3. 93E-38	75. 70414
APIAR	1. 334708	2. 647069	22. 35245	3. 91E-67	4. 46E-66	140. 7178
LARP7	1. 375283	3. 931278	23. 86462	8. 42E-73	1. 14E-71	153. 7823
RPL7AP30	1. 054977	1. 64555	25. 49564	8. 47E-79	1. 39E-77	167. 6122
ANK2	1. 416016	1. 271832	15. 71965	1. 40E-41	8. 68E-41	81. 86539
CAMK2D	1. 886034	3. 054981	26. 82596	1. 36E-83	2. 63E-82	178. 671
ARSJ	1. 074595	1. 099035	18. 86738	8. 92E-54	7. 20E-53	109. 9375
UGT8	1. 580701	2. 260866	21. 4283	1. 26E-63	1. 30E-62	132. 6335
METTL14	1. 222097	2. 771505	19. 03045	2. 08E-54	1. 71E-53	111. 3917
SYNPO2	1. 350307	1. 873094	13. 07315	1. 54E-31	7. 82E-31	58. 78227
C4orf3	2. 256196	5. 217776	32. 49954	5. 48E-103	2. 72E-101	223. 4108
MAD2L1	2. 566728	1. 793238	40. 87236	1. 76E-128	4. 31E-126	282. 2445
NDNF	1. 84051	1. 024483	22. 98225	1. 66E-69	2. 03E-68	146. 1853
ANXA5	2. 405255	7. 230957	27. 98753	1. 05E-87	2. 38E-86	188. 1551
EXOSC9	1. 303569	3. 35937	26. 85771	1. 05E-83	2. 04E-82	178. 9324
CCNA2	2. 097582	1. 550162	34. 49426	2. 16E-109	1. 58E-107	238. 1874
BBS7	1. 320391	2. 101059	27. 30602	2. 66E-85	5. 49E-84	182. 6105
BBS12	1. 112227	1. 164586	28. 93962	5. 06E-91	1. 35E-89	195. 8059
FGF2	1. 265001	0. 930159	17. 25582	1. 59E-47	1. 12E-46	95. 54457
SPRY1	1. 639596	4. 237908	16. 14681	3. 13E-43	2. 02E-42	85. 65819
ANKRD50	1. 75016	1. 75387	28. 54501	1. 18E-89	2. 95E-88	192. 6486
PLK4	1. 481068	1. 110922	32. 18451	5. 89E-102	2. 74E-100	221. 032
C4orf33	1. 204507	2. 748191	20. 48669	5. 04E-60	4. 74E-59	124. 3309
PCDH18	1. 76637	1. 577971	23. 5739	1. 02E-71	1. 32E-70	151. 2878
CCRN4L	1. 121822	1. 374002	20. 80561	3. 02E-61	2. 93E-60	127. 1495
PPP1R14BP3	1. 853006	2. 203731	26. 90052	7. 35E-84	1. 44E-82	179. 2847
NDUFC1	1. 539744	5. 347329	24. 86769	1. 67E-76	2. 55E-75	162. 3218
NAA15	1. 37351	2. 396843	26. 7945	1. 76E-83	3. 40E-82	178. 4119
SETD7	1. 310951	3. 175943	20. 09988	1. 55E-58	1. 40E-57	120. 9039
MGST2	2. 283369	5. 524579	32. 44863	8. 04E-103	3. 93E-101	223. 0272
SCOC	1. 476971	4. 76937	20. 16861	8. 42E-59	7. 67E-58	121. 5134
TBC1D9	1. 31953	2. 466316	19. 26036	2. 69E-55	2. 26E-54	113. 4405
IL15	1. 447212	1. 743501	25. 57498	4. 36E-79	7. 26E-78	168. 2775
INPP4B	2. 945179	2. 260418	37. 44727	1. 74E-118	2. 24E-116	259. 1741
USP38	1. 323322	2. 014232	27. 82648	3. 86E-87	8. 57E-86	186. 85
SMARCA5	1. 306557	3. 76639	20. 61478	1. 63E-60	1. 55E-59	125. 4637
ANAPC10	1. 34284	2. 968429	27. 1433	1. 00E-84	2. 03E-83	181. 2782
SMAD1	1. 159128	2. 780757	16. 9965	1. 61E-46	1. 11E-45	93. 22939
MMAA	1. 305415	2. 181063	26. 44532	3. 13E-82	5. 78E-81	175. 5279
ZNF827	1. 11077	1. 822944	20. 5732	2. 35E-60	2. 23E-59	125. 0961
LSM6	1. 567483	4. 041307	26. 72927	3. 01E-83	5. 77E-82	177. 8743
EDNRA	3. 054087	1. 971391	37. 81941	1. 34E-119	1. 82E-117	261. 7455
LRBA	1. 404242	3. 641047	23. 4316	3. 45E-71	4. 43E-70	150. 0637
MAB21L2	1. 012017	0. 58212	10. 79847	2. 33E-23	9. 97E-23	40. 01663
SH3D19	1. 803256	3. 619234	24. 81696	2. 56E-76	3. 89E-75	161. 8925
GATB	1. 271113	2. 706098	29. 18323	7. 30E-92	2. 03E-90	197. 7455
TMEM154	1. 707554	0. 970396	30. 06014	7. 30E-95	2. 35E-93	204. 666
ARFIP1	2. 117466	3. 324946	37. 14457	1. 42E-117	1. 72E-115	257. 0706
FHDC1	1. 370497	1. 184893	26. 2914	1. 12E-81	2. 03E-80	174. 252
TRIM2	1. 21704	3. 064986	17. 53734	1. 28E-48	9. 24E-48	98. 05918

MND1	1. 774854	1. 0304	38. 80354	1. 64E-122	2. 71E-120	268. 4685
KIAA0922	-1. 11917	2. 981281	-14. 0327	3. 90E-35	2. 13E-34	67. 043
TLR2	1. 363952	2. 047975	18. 31377	1. 25E-51	9. 59E-51	104. 9958
SFRP2	5. 411857	5. 565534	34. 41514	3. 85E-109	2. 75E-107	237. 6107
PLRG1	1. 114851	4. 440348	19. 99556	3. 90E-58	3. 50E-57	119. 9783
FGA	1. 229132	2. 484737	5. 994398	5. 55E-09	1. 64E-08	7. 279132
FGG	1. 206322	2. 126875	5. 870869	1. 09E-08	3. 19E-08	6. 61739
GUCY1A3	1. 411196	2. 363637	17. 45173	2. 76E-48	1. 97E-47	97. 29438
P11-588K22.	1. 30333	2. 245176	16. 7283	1. 76E-45	1. 19E-44	90. 83673
GUCY1B3	1. 317769	2. 451312	17. 9249	4. 02E-50	2. 99E-49	101. 5219
TD02	1. 825328	1. 105467	25. 54508	5. 60E-79	9. 28E-78	168. 0268
CTSO	1. 976463	3. 431765	26. 35587	6. 56E-82	1. 20E-80	174. 7868
PDGFC	2. 229331	3. 532854	25. 1307	1. 81E-77	2. 86E-76	164. 543
FAM198B	2. 603479	2. 973703	28. 93476	5. 26E-91	1. 41E-89	195. 7672
TMEM144	1. 105687	2. 312942	18. 81896	1. 37E-53	1. 10E-52	109. 5056
FNIP2	1. 340231	2. 699076	19. 13158	8. 46E-55	7. 02E-54	112. 2931
NPY1R	-1. 20108	1. 943483	-12. 0174	1. 13E-27	5. 34E-27	49. 90379
TMA16	1. 023542	3. 299886	17. 40969	4. 02E-48	2. 86E-47	96. 91888
LINC01207	1. 196542	1. 185235	10. 71453	4. 54E-23	1. 93E-22	39. 35289
KLHL2	1. 466119	2. 776085	24. 03701	1. 93E-73	2. 66E-72	155. 2575
MSM01	2. 505833	4. 283845	27. 82099	4. 04E-87	8. 94E-86	186. 8055
CPE	1. 683941	5. 291338	13. 44527	6. 31E-33	3. 31E-32	61. 96711
ANXA10	2. 831113	4. 131575	13. 83313	2. 21E-34	1. 19E-33	65. 3125
DDX60	2. 884707	2. 624226	33. 90805	1. 57E-107	1. 01E-105	233. 8958
DDX60L	1. 724519	2. 571002	26. 09234	5. 83E-81	1. 03E-79	172. 598
PALLD	3. 703467	4. 490493	34. 12282	3. 25E-108	2. 19E-106	235. 4731
SH3RF1	2. 057687	2. 736515	30. 07937	6. 28E-95	2. 03E-93	204. 8167
NEK1	1. 010983	1. 550109	20. 42101	9. 01E-60	8. 41E-59	123. 7496
CLCN3	1. 406396	3. 849415	20. 0511	2. 39E-58	2. 15E-57	120. 4712
C4orf27	1. 190481	3. 38473	24. 1091	1. 04E-73	1. 45E-72	155. 8735
GALNT7	1. 105176	3. 599658	14. 61316	2. 44E-37	1. 40E-36	72. 10807
HMGB2	2. 726651	4. 835918	33. 76035	4. 64E-107	2. 92E-105	232. 8079
SAP30	1. 642052	2. 713242	25. 83157	5. 11E-80	8. 76E-79	170. 4241
HAND2	1. 448492	2. 954847	14. 63489	2. 02E-37	1. 16E-36	72. 29846
FBX08	1. 433986	3. 243932	25. 00805	5. 10E-77	7. 90E-76	163. 5081
HPGD	3. 928541	2. 371721	34. 05429	5. 36E-108	3. 57E-106	234. 9704
VEGFC	2. 105761	1. 709422	30. 75175	3. 37E-97	1. 21E-95	210. 0562
AGA	1. 337487	3. 195585	23. 66867	4. 51E-72	5. 93E-71	152. 1019
TENM3	1. 357844	1. 24171	19. 72617	4. 27E-57	3. 74E-56	117. 5856
DCTD	1. 47997	5. 102764	23. 55441	1. 20E-71	1. 56E-70	151. 1202
CDKN2AIP	1. 190453	2. 939762	20. 20434	6. 14E-59	5. 60E-58	121. 8302
ING2	1. 124682	3. 110437	21. 31333	3. 45E-63	3. 53E-62	131. 623
IRF2	1. 909872	3. 592132	29. 55856	3. 75E-93	1. 11E-91	200. 7193
CASP3	1. 97618	3. 183291	35. 36439	4. 06E-112	3. 48E-110	244. 4802
CENPU	2. 177901	1. 818618	34. 30076	8. 85E-109	6. 22E-107	236. 7755
ACSL1	1. 435851	4. 413137	16. 6946	2. 38E-45	1. 60E-44	90. 53623
CFAP97	1. 280473	2. 639005	20. 58164	2. 18E-60	2. 07E-59	125. 1707
CCDC110	-1. 62275	1. 599761	-28. 9455	4. 83E-91	1. 29E-89	195. 8531
PDLIM3	2. 470343	4. 002046	22. 31114	5. 60E-67	6. 36E-66	140. 3579
TLR3	1. 3466	1. 765836	18. 97828	3. 32E-54	2. 71E-53	110. 9266
F11	-2. 10169	2. 77106	-20. 467	6. 00E-60	5. 63E-59	124. 1567
F11-AS1	-1. 10157	1. 060897	-21. 9764	1. 04E-65	1. 14E-64	137. 4363
FAT1	2. 372848	5. 065122	28. 98373	3. 56E-91	9. 62E-90	196. 1577
P11-756P10.	1. 337491	2. 149631	20. 53789	3. 21E-60	3. 03E-59	124. 7838

FRG1	1. 073255	4. 486876	13. 6963	7. 22E-34	3. 85E-33	64. 12946
SDHA	1. 559071	5. 418035	24. 84142	2. 08E-76	3. 18E-75	162. 0996
PDCD6	1. 872138	5. 714683	28. 62482	6. 24E-90	1. 59E-88	193. 2887
PP7080	1. 442982	3. 725593	16. 96942	2. 05E-46	1. 41E-45	92. 98773
SLC9A3	1. 626229	0. 954748	13. 66523	9. 45E-34	5. 02E-33	63. 86132
CEP72	1. 095808	1. 656773	18. 9055	6. 35E-54	5. 15E-53	110. 2775
ZDHHC11B	-1. 33415	2. 034627	-15. 7352	1. 22E-41	7. 58E-41	82. 00288
TRIP13	1. 724508	1. 229885	30. 14998	3. 62E-95	1. 18E-93	205. 3695
NKD2	1. 474528	2. 688138	15. 66032	2. 36E-41	1. 46E-40	81. 33949
SLC12A7	1. 433658	4. 381653	18. 16338	4. 78E-51	3. 62E-50	103. 6525
CLPTM1L	1. 226887	6. 071236	18. 63954	6. 81E-53	5. 38E-52	107. 9044
LPCAT1	1. 781533	3. 407183	24. 72669	5. 49E-76	8. 25E-75	161. 128
TD-2012J19.	1. 132061	1. 3624	5. 378584	1. 46E-07	4. 07E-07	4. 091976
MRPL36	1. 372789	4. 690788	22. 8253	6. 46E-69	7. 75E-68	144. 8262
NDUFS6	1. 787622	5. 065318	28. 20189	1. 86E-88	4. 37E-87	189. 8874
MED10	1. 45496	4. 167613	25. 00396	5. 28E-77	8. 17E-76	163. 4736
SRD5A1	1. 43758	2. 387016	22. 33876	4. 41E-67	5. 02E-66	140. 5985
ADCY2	1. 052304	0. 845357	18. 95342	4. 14E-54	3. 37E-53	110. 7048
SEMA5A	1. 148973	1. 335898	18. 56707	1. 30E-52	1. 02E-51	107. 2576
FAM173B	1. 204596	2. 304763	24. 83964	2. 11E-76	3. 22E-75	162. 0845
CCT5	2. 042674	5. 961112	28. 13071	3. 30E-88	7. 67E-87	189. 3129
CMBL	1. 818771	3. 675586	21. 72003	9. 76E-65	1. 04E-63	135. 1929
CTNND2	-1. 51338	2. 286362	-18. 4213	4. 77E-52	3. 71E-51	105. 9565
TRIO	1. 321488	4. 031674	17. 29259	1. 14E-47	8. 07E-47	95. 87295
OTULIN	1. 053668	2. 263656	20. 34825	1. 72E-59	1. 59E-58	123. 1053
ANKH	2. 227275	4. 394174	28. 86391	9. 25E-91	2. 44E-89	195. 2016
FBXL7	1. 536963	1. 527002	23. 05571	8. 81E-70	1. 08E-68	146. 8207
BASP1	3. 481863	2. 761117	36. 63709	4. 91E-116	5. 44E-114	253. 5198
CDH6	1. 796677	1. 216898	25. 16773	1. 33E-77	2. 10E-76	164. 8551
DROSHA	1. 204601	4. 40637	17. 95113	3. 18E-50	2. 37E-49	101. 7562
GOLPH3	1. 545356	4. 907341	23. 60261	7. 95E-72	1. 04E-70	151. 5345
ZFR	1. 069378	4. 053948	17. 61093	6. 65E-49	4. 82E-48	98. 71661
SUB1	2. 237391	6. 274008	31. 98465	2. 67E-101	1. 20E-99	219. 5164
NPR3	2. 17164	1. 345027	23. 39325	4. 80E-71	6. 14E-70	149. 7335
TARS	1. 407681	4. 964608	22. 4215	2. 15E-67	2. 47E-66	141. 319
ADAMTS12	2. 669179	1. 586942	31. 81483	9. 70E-101	4. 22E-99	218. 2246
AMACR	1. 27015	2. 701465	19. 69767	5. 50E-57	4. 80E-56	117. 3323
C1QTNF3	2. 366986	3. 081672	21. 57621	3. 44E-64	3. 61E-63	133. 9319
RAI14	2. 32617	3. 053336	32. 16332	6. 91E-102	3. 20E-100	220. 8715
RAD1	1. 238591	2. 895247	25. 59007	3. 84E-79	6. 41E-78	168. 4039
BRIX1	1. 97222	3. 470236	35. 36807	3. 95E-112	3. 40E-110	244. 5066
DNAJC21	1. 25028	3. 962516	22. 51061	9. 89E-68	1. 15E-66	142. 0942
IL7R	2. 281176	1. 952969	19. 78559	2. 52E-57	2. 22E-56	118. 1137
SLC1A3	1. 432682	1. 935573	15. 68862	1. 84E-41	1. 14E-40	81. 59031
NIPBL	1. 322226	4. 119311	23. 19365	2. 68E-70	3. 36E-69	148. 0123
NUP155	1. 353911	2. 161429	30. 44487	3. 64E-96	1. 25E-94	207. 6719
WDR70	1. 401438	3. 620518	26. 4479	3. 06E-82	5. 67E-81	175. 5493
EGFLAM	1. 271386	1. 416512	19. 55279	1. 99E-56	1. 72E-55	116. 0438
OSMR	1. 863807	3. 583586	20. 95327	8. 20E-62	8. 08E-61	128. 4524
FYB	2. 251632	1. 552789	26. 19079	2. 57E-81	4. 60E-80	173. 4167
DAB2	1. 429993	3. 916724	17. 64183	5. 05E-49	3. 67E-48	98. 99267
TTC33	1. 117842	2. 098439	20. 55768	2. 69E-60	2. 55E-59	124. 9588
PRKAA1	1. 021063	4. 109472	13. 53924	2. 81E-33	1. 48E-32	62. 77536
RPL37	1. 445736	10. 27847	14. 51708	5. 67E-37	3. 22E-36	71. 26674

CARD6	1. 885763	2. 057343	18. 30855	1. 31E-51	1. 00E-50	104. 9491
OXCT1	1. 918055	2. 276722	29. 13216	1. 09E-91	3. 03E-90	197. 3395
C5orf51	1. 207284	2. 361116	24. 44654	5. 90E-75	8. 58E-74	158. 7495
SEPP1	1. 105257	5. 756144	10. 28874	1. 29E-21	5. 32E-21	36. 02451
ANXA2R	1. 514271	1. 142724	24. 64279	1. 12E-75	1. 66E-74	160. 4165
ZNF131	1. 199445	3. 288471	15. 63218	3. 03E-41	1. 87E-40	81. 0902
HMGCS1	1. 250599	4. 166155	14. 14793	1. 43E-35	7. 86E-35	68. 04493
CCL28	1. 310066	2. 8794	13. 36739	1. 23E-32	6. 42E-32	61. 29845
C5orf28	1. 212832	2. 392742	23. 19506	2. 65E-70	3. 32E-69	148. 0246
PAIP1	1. 675003	4. 790419	27. 89729	2. 18E-87	4. 87E-86	187. 4243
RP11-53019.1	1. 205426	1. 34273	17. 74407	2. 02E-49	1. 48E-48	99. 90617
MRPS30	1. 481645	3. 590953	28. 91711	6. 05E-91	1. 61E-89	195. 6264
EMB	3. 398227	2. 355797	45. 78036	7. 54E-142	5. 85E-139	313. 0983
PARP8	1. 655854	3. 162462	24. 85634	1. 83E-76	2. 80E-75	162. 2258
ITGA1	2. 471221	2. 580415	32. 70249	1. 20E-103	6. 20E-102	224. 9367
PELO	1. 977247	2. 822829	36. 31562	4. 71E-115	4. 89E-113	251. 2548
ITGA2	3. 661033	2. 289093	42. 56316	3. 29E-133	1. 24E-130	293. 1558
FST	1. 536224	1. 435772	15. 63382	2. 99E-41	1. 85E-40	81. 10473
NDUFS4	1. 874943	5. 036467	30. 30604	1. 07E-95	3. 58E-94	206. 5893
ARL15	2. 076773	2. 502263	33. 39072	7. 10E-106	4. 19E-104	230. 0734
SNX18	1. 470801	2. 220268	26. 30884	9. 68E-82	1. 76E-80	174. 3968
ESM1	2. 588969	1. 489929	30. 32023	9. 59E-96	3. 21E-94	206. 7001
GZMK	1. 995129	1. 23926	19. 76484	3. 03E-57	2. 66E-56	117. 9292
GZMA	2. 634284	1. 720411	29. 75915	7. 73E-94	2. 37E-92	202. 3015
GPX8	3. 012889	3. 109598	39. 58103	8. 84E-125	1. 66E-122	273. 7017
PPAP2A	1. 374114	4. 482554	17. 95909	2. 96E-50	2. 21E-49	101. 8273
IL6ST	1. 367527	3. 827413	16. 82131	7. 68E-46	5. 23E-45	91. 66619
GPBP1	1. 277177	4. 689357	21. 28036	4. 61E-63	4. 71E-62	131. 3331
PLK2	1. 863294	4. 194169	19. 37713	9. 51E-56	8. 04E-55	114. 4804
GAPT	1. 27921	0. 914819	16. 93408	2. 81E-46	1. 93E-45	92. 67232
PDE4D	1. 658727	1. 484904	26. 65491	5. 55E-83	1. 05E-81	177. 2607
DEPDC1B	1. 617592	0. 878114	32. 55939	3. 50E-103	1. 75E-101	223. 8613
NDUFAF2	1. 125971	4. 304311	20. 42533	8. 67E-60	8. 10E-59	123. 7878
SMIM15	2. 143124	3. 955352	32. 99848	1. 31E-104	7. 16E-103	227. 1531
KIF2A	1. 279239	2. 613117	19. 6976	5. 50E-57	4. 80E-56	117. 3316
IPO11	1. 307959	2. 628072	27. 68629	1. 20E-86	2. 62E-85	185. 7113
CKS1BP3	2. 571959	1. 346279	31. 04951	3. 38E-98	1. 29E-96	212. 3584
ISCA1P1	1. 023985	1. 233962	13. 2341	3. 87E-32	2. 00E-31	60. 1566
SREK1IP1	1. 317253	2. 784531	23. 77314	1. 84E-72	2. 46E-71	152. 9983
CWC27	1. 705468	2. 948516	33. 12492	5. 11E-105	2. 85E-103	228. 0966
CENPK	2. 03081	1. 358777	35. 93774	6. 81E-114	6. 62E-112	248. 5765
TRAPPC13	1. 004947	2. 88636	20. 98317	6. 30E-62	6. 23E-61	128. 716
SGTB	1. 002108	1. 033377	22. 90727	3. 18E-69	3. 85E-68	145. 5363
NLN	1. 235811	2. 160635	20. 52128	3. 71E-60	3. 50E-59	124. 6368
ERBB2IP	1. 448061	3. 73542	20. 28284	3. 06E-59	2. 82E-58	122. 5259
MAST4	1. 220658	2. 046316	20. 69721	7. 85E-61	7. 56E-60	126. 1922
CD180	1. 128676	0. 650404	19. 82898	1. 71E-57	1. 51E-56	118. 4992
PIK3R1	1. 419818	2. 74848	17. 875	6. 28E-50	4. 65E-49	101. 076
SLC30A5	1. 019003	4. 367502	17. 57878	8. 86E-49	6. 40E-48	98. 42938
CCNB1	3. 032837	2. 8075	42. 24183	2. 55E-132	8. 90E-130	291. 1056
CENPH	1. 810528	1. 586304	37. 13473	1. 52E-117	1. 83E-115	257. 002
MRPS36	1. 702179	3. 96265	29. 52685	4. 82E-93	1. 41E-91	200. 4687
CDK7	1. 770183	3. 617006	31. 19864	1. 07E-98	4. 18E-97	213. 5072
AK6	1. 062412	4. 379139	17. 98657	2. 32E-50	1. 73E-49	102. 0728

TAF9	1. 110711	4. 363216	18. 55631	1. 43E-52	1. 12E-51	107. 1615
SERF1B	1. 381855	4. 229782	22. 46395	1. 48E-67	1. 71E-66	141. 6884
SMN1	1. 015132	3. 946454	16. 35274	5. 01E-44	3. 28E-43	87. 49041
MCCC2	1. 00028	4. 015191	17. 06662	8. 60E-47	5. 97E-46	93. 85528
MAP1B	1. 677419	1. 872037	20. 74597	5. 10E-61	4. 94E-60	126. 6229
MRPS27	1. 063862	4. 017268	18. 95813	3. 97E-54	3. 23E-53	110. 7468
TNPO1	1. 130183	3. 545011	16. 74945	1. 46E-45	9. 88E-45	91. 02526
FCHO2	1. 342517	2. 740138	14. 79809	4. 80E-38	2. 79E-37	73. 73041
TMEM171	2. 336015	1. 406987	33. 14313	4. 46E-105	2. 50E-103	228. 2322
FOXD1	1. 422875	0. 722874	18. 70922	3. 66E-53	2. 91E-52	108. 5263
FOXD1-AS1	1. 517774	0. 816865	17. 8809	5. 96E-50	4. 42E-49	101. 1287
BTF3	1. 400233	8. 409953	16. 34331	5. 45E-44	3. 57E-43	87. 40649
ENC1	2. 054261	4. 037947	22. 89006	3. 69E-69	4. 46E-68	145. 3872
HEXB	2. 005671	6. 314232	28. 54103	1. 22E-89	3. 04E-88	192. 6166
HMGCR	1. 451413	3. 295839	19. 77978	2. 65E-57	2. 33E-56	118. 062
COL4A3BP	1. 21157	2. 908457	20. 77734	3. 87E-61	3. 75E-60	126. 9
AC113404.1	1. 276075	1. 127725	22. 71343	1. 70E-68	2. 02E-67	143. 8561
F2RL2	2. 32342	1. 483173	26. 61854	7. 49E-83	1. 42E-81	176. 9604
F2R	3. 741575	3. 032161	39. 75233	2. 82E-125	5. 51E-123	274. 8456
F2RL1	2. 37144	3. 697951	27. 41533	1. 09E-85	2. 29E-84	183. 5036
AGGF1	1. 211275	2. 459904	24. 79684	3. 03E-76	4. 60E-75	161. 7222
WDR41	1. 004653	3. 475154	16. 89849	3. 86E-46	2. 64E-45	92. 35475
TBCA	1. 782749	6. 476485	24. 78177	3. 45E-76	5. 21E-75	161. 5946
AP3B1	1. 624898	4. 008667	29. 7619	7. 57E-94	2. 32E-92	202. 3231
SCAMP1	1. 664289	3. 09263	26. 58889	9. 56E-83	1. 80E-81	176. 7155
LHFPL2	1. 5953	3. 176628	24. 81808	2. 53E-76	3. 86E-75	161. 902
HOMER1	1. 108682	0. 894729	22. 56251	6. 30E-68	7. 34E-67	142. 5454
THBS4	2. 346203	4. 127962	17. 36228	6. 13E-48	4. 35E-47	96. 49539
SERINC5	1. 997054	2. 714599	30. 091	5. 74E-95	1. 86E-93	204. 9078
DHFR	2. 300188	1. 98819	40. 83629	2. 22E-128	5. 38E-126	282. 0084
RASGRF2	1. 52192	1. 326729	23. 23034	1. 95E-70	2. 46E-69	148. 329
ZCCHC9	1. 43183	3. 398781	25. 75713	9. 51E-80	1. 62E-78	169. 8022
TMEM167A	1. 502304	4. 261126	24. 73956	4. 92E-76	7. 41E-75	161. 237
XRCC4	2. 304746	2. 117022	31. 21586	9. 42E-99	3. 68E-97	213. 6397
VCAN	4. 979107	3. 880933	39. 37284	3. 55E-124	6. 34E-122	272. 3071
EDIL3	3. 395425	2. 239074	34. 08362	4. 33E-108	2. 89E-106	235. 1856
COX7C	1. 586246	8. 539528	19. 1531	6. 99E-55	5. 81E-54	112. 4849
RASA1	1. 596407	3. 206222	21. 51093	6. 09E-64	6. 36E-63	133. 359
CCNH	1. 269237	4. 211656	21. 46946	8. 77E-64	9. 12E-63	132. 995
MEF2C	1. 705031	1. 990338	21. 18654	1. 05E-62	1. 06E-61	130. 5076
CETN3	1. 711507	3. 172629	29. 36098	1. 79E-92	5. 10E-91	199. 1561
ARRDC3	1. 637593	3. 782718	15. 52239	8. 02E-41	4. 91E-40	80. 11798
NR2F1-AS1	2. 202331	2. 185198	29. 1019	1. 39E-91	3. 83E-90	197. 0988
NR2F1	1. 457775	2. 87411	16. 41798	2. 80E-44	1. 84E-43	88. 07126
MCTP1	1. 727757	1. 72245	23. 88789	6. 90E-73	9. 34E-72	153. 9817
FAM81B	1. 146147	1. 021305	8. 606447	3. 55E-16	1. 29E-15	23. 5964
GPR150	-1. 34535	1. 072843	-21. 9034	1. 96E-65	2. 14E-64	136. 7983
GLRX	2. 713873	3. 773997	31. 74066	1. 71E-100	7. 32E-99	217. 6593
CAST	2. 376424	5. 544293	28. 77128	1. 94E-90	5. 04E-89	194. 4614
ERAP1	1. 702293	3. 408924	23. 95105	4. 02E-73	5. 48E-72	154. 5223
ERAP2	2. 22846	2. 184302	16. 07483	5. 95E-43	3. 81E-42	85. 01831
LNPEP	1. 360604	2. 187694	27. 07271	1. 79E-84	3. 59E-83	180. 6993
RIOK2	1. 149563	3. 482277	21. 51852	5. 70E-64	5. 96E-63	133. 4257
ST8SIA4	1. 417	0. 963394	25. 23541	7. 52E-78	1. 20E-76	165. 4251

PAM	2. 316273	5. 888807	27. 48984	5. 94E-86	1. 26E-84	184. 1116
C5orf30	1. 419129	2. 138035	22. 43062	1. 98E-67	2. 28E-66	141. 3984
PSMC1P5	1. 322078	4. 08828	8. 724061	1. 54E-16	5. 66E-16	24. 42311
EFNA5	2. 76756	1. 674305	37. 76189	1. 99E-119	2. 69E-117	261. 3491
FBXL17	1. 262227	2. 306651	24. 56263	2. 20E-75	3. 25E-74	159. 7361
FER	1. 064006	1. 306303	24. 6201	1. 35E-75	2. 01E-74	160. 224
PJA2	1. 142104	4. 142517	15. 73624	1. 20E-41	7. 51E-41	82. 01249
SLC25A46	1. 057665	3. 22578	18. 16581	4. 68E-51	3. 55E-50	103. 6741
CAMK4	1. 1726	0. 696797	23. 41235	4. 07E-71	5. 22E-70	149. 8979
STARD4	1. 205013	2. 083903	17. 63506	5. 36E-49	3. 89E-48	98. 93219
NREP	3. 658753	3. 633798	42. 5416	3. 77E-133	1. 40E-130	293. 0186
EPB41L4A	1. 114429	2. 019759	16. 47922	1. 62E-44	1. 07E-43	88. 61677
REEP5	1. 083627	5. 808845	15. 80842	6. 35E-42	3. 98E-41	82. 6526
DCP2	1. 317518	2. 201449	28. 23188	1. 46E-88	3. 45E-87	190. 1293
MCC	1. 303252	1. 426747	23. 7478	2. 29E-72	3. 04E-71	152. 781
PGGT1B	1. 498997	2. 271266	23. 90345	6. 04E-73	8. 18E-72	154. 1149
FEM1C	1. 110592	2. 404753	19. 93993	6. 40E-58	5. 70E-57	119. 4845
TMED7	1. 328509	4. 346789	18. 3322	1. 06E-51	8. 15E-51	105. 1604
AP3S1	1. 077874	5. 311589	15. 74687	1. 10E-41	6. 84E-41	82. 10671
TNFAIP8	1. 694479	3. 39571	20. 38742	1. 21E-59	1. 13E-58	123. 4522
PRR16	1. 174286	1. 35504	17. 92587	3. 99E-50	2. 96E-49	101. 5305
SRFBP1	1. 227536	1. 671102	26. 07511	6. 73E-81	1. 19E-79	172. 4546
LOX	2. 674048	2. 485672	24. 99182	5. 84E-77	9. 05E-76	163. 3711
SNCAIP	1. 458031	0. 872921	20. 80069	3. 15E-61	3. 06E-60	127. 1061
SNX2	1. 386271	4. 58991	21. 92636	1. 61E-65	1. 75E-64	136. 999
SNX24	1. 439384	2. 801345	26. 54884	1. 33E-82	2. 49E-81	176. 3844
PPIC	2. 421559	4. 700161	36. 02121	3. 77E-114	3. 73E-112	249. 1696
CSNK1G3	1. 436017	2. 792547	24. 61353	1. 43E-75	2. 12E-74	160. 1682
GRAMD3	1. 658778	2. 965141	25. 26526	5. 85E-78	9. 39E-77	165. 6764
ALDH7A1	1. 25752	4. 619087	20. 32658	2. 08E-59	1. 92E-58	122. 9134
PHAX	1. 883176	3. 348059	29. 56303	3. 62E-93	1. 07E-91	200. 7546
LMNB1	2. 731267	2. 446134	41. 45736	3. 93E-130	1. 11E-127	286. 0544
3-Mar	1. 963608	2. 356782	25. 85271	4. 28E-80	7. 36E-79	170. 6006
PRRC1	1. 029258	3. 997925	17. 21458	2. 29E-47	1. 61E-46	95. 17627
LINC01184	1. 546756	3. 131211	31. 82115	9. 24E-101	4. 02E-99	218. 2728
SLC12A2	2. 508116	2. 902347	29. 45519	8. 48E-93	2. 46E-91	199. 9021
CHSY3	1. 268555	0. 7704	24. 80676	2. 79E-76	4. 24E-75	161. 8062
HINT1	1. 667572	6. 980067	23. 59811	8. 26E-72	1. 08E-70	151. 4959
CDC42SE2	1. 56321	3. 914367	25. 75355	9. 80E-80	1. 66E-78	169. 7722
CSF2	1. 399421	0. 674645	19. 43415	5. 72E-56	4. 87E-55	114. 988
PDLIM4	3. 757525	3. 49251	39. 37558	3. 49E-124	6. 26E-122	272. 3255
SLC22A4	1. 021415	0. 715083	27. 38021	1. 45E-85	3. 02E-84	183. 2168
IRF1	2. 592302	3. 965845	27. 39453	1. 29E-85	2. 70E-84	183. 3338
KIF3A	1. 02316	1. 669506	19. 77704	2. 72E-57	2. 39E-56	118. 0377
CCNI2	1. 253501	1. 65874	21. 7112	1. 05E-64	1. 12E-63	135. 1156
8-Sep	1. 410305	4. 058917	20. 5188	3. 80E-60	3. 58E-59	124. 615
UQCRQ	1. 538729	7. 378714	20. 85547	1. 94E-61	1. 90E-60	127. 5897
AFF4	1. 229198	3. 2082	17. 95339	3. 12E-50	2. 32E-49	101. 7764
ZCCHC10	1. 571541	3. 385514	30. 22664	1. 99E-95	6. 58E-94	205. 9691
HSPA4	2. 014639	4. 930337	33. 40319	6. 48E-106	3. 82E-104	230. 1659
C5orf15	2. 287242	4. 242891	34. 18227	2. 10E-108	1. 43E-106	235. 9086
VDAC1	2. 381008	6. 238671	32. 28931	2. 67E-102	1. 27E-100	221. 8247
TCF7	1. 219953	2. 734783	16. 1062	4. 50E-43	2. 89E-42	85. 29716
SKP1	1. 84082	7. 456316	22. 83583	5. 90E-69	7. 09E-68	144. 9174

PPP2CA	1. 642762	4. 622464	23. 34791	7. 09E-71	9. 02E-70	149. 3429
UBE2B	1. 013251	6. 02498	12. 82143	1. 31E-30	6. 55E-30	56. 64309
AC005355. 2	1. 546189	1. 066167	25. 10469	2. 26E-77	3. 55E-76	164. 3236
JADE2	1. 238595	3. 204375	18. 05773	1. 23E-50	9. 22E-50	102. 7086
SAR1B	1. 121552	4. 214897	17. 08942	7. 02E-47	4. 88E-46	94. 0588
CAMLG	1. 428148	4. 325613	23. 16038	3. 57E-70	4. 46E-69	147. 7251
C5orf24	1. 421018	3. 130603	22. 12494	2. 84E-66	3. 16E-65	138. 7341
TXNDC15	1. 196058	4. 838597	20. 28334	3. 05E-59	2. 81E-58	122. 5303
MTND4P12	2. 834453	1. 713846	14. 53764	4. 73E-37	2. 69E-36	71. 44667
PITX1	3. 723979	1. 931534	35. 16611	1. 68E-111	1. 39E-109	243. 0543
H2AFY	2. 728071	5. 679295	39. 6305	6. 35E-125	1. 20E-122	274. 0325
CXCL14	4. 531852	4. 231233	31. 31235	4. 49E-99	1. 78E-97	214. 3813
TGFBI	4. 35421	5. 182501	34. 63589	7. 74E-110	5. 77E-108	239. 218
SMAD5	1. 051124	2. 753927	18. 63732	6. 94E-53	5. 49E-52	107. 8847
SPOCK1	2. 117712	2. 513148	19. 2362	3. 33E-55	2. 79E-54	113. 2254
HNRNPA0	1. 631981	3. 618353	30. 58775	1. 20E-96	4. 21E-95	208. 7835
KIF20A	2. 229817	1. 224174	38. 48294	1. 44E-121	2. 26E-119	266. 2905
CDC23	1. 217019	2. 984404	22. 97205	1. 81E-69	2. 21E-68	146. 0971
CDC25C	1. 319985	0. 696878	31. 94	3. 75E-101	1. 66E-99	219. 177
RP11-256P1. 1	1. 668056	1. 097948	15. 00216	7. 97E-39	4. 70E-38	75. 52508
KDM3B	1. 177871	3. 968515	18. 9199	5. 58E-54	4. 53E-53	110. 4059
EGR1	1. 626713	5. 498386	9. 363913	1. 47E-18	5. 66E-18	29. 03757
ETF1	1. 442574	4. 463904	22. 73919	1. 36E-68	1. 62E-67	144. 0795
HSPA9	1. 184592	5. 788225	17. 51989	1. 50E-48	1. 08E-47	97. 90329
CTNNA1	2. 252726	6. 389073	29. 20794	6. 00E-92	1. 68E-90	197. 9418
MATR3	1. 506068	5. 903391	20. 85762	1. 91E-61	1. 86E-60	127. 6086
PAIP2	1. 405255	4. 939059	21. 35679	2. 36E-63	2. 42E-62	132. 0051
CTB-43P18. 1	1. 129001	1. 165527	18. 85773	9. 72E-54	7. 84E-53	109. 8514
MZB1	3. 264219	2. 064496	24. 47251	4. 73E-75	6. 90E-74	158. 9703
DNAJC18	1. 289859	1. 717695	23. 06094	8. 42E-70	1. 04E-68	146. 8659
ECSCR	2. 089134	2. 753474	25. 53674	6. 00E-79	9. 93E-78	167. 9569
TMEM173	3. 214236	4. 211288	39. 68728	4. 35E-125	8. 41E-123	274. 4116
UBE2D2	1. 476406	5. 633303	22. 05828	5. 07E-66	5. 60E-65	138. 1521
CYSTM1	3. 072521	6. 355609	30. 62716	8. 83E-97	3. 13E-95	209. 0896
PFDN1	2. 154298	4. 71378	37. 30943	4. 52E-118	5. 62E-116	258. 2176
HBEGF	2. 979795	2. 68269	32. 00746	2. 25E-101	1. 01E-99	219. 6896
SRA1	1. 700323	4. 02581	32. 60044	2. 57E-103	1. 30E-101	224. 1701
SLC35A4	1. 405784	4. 569349	23. 70892	3. 19E-72	4. 23E-71	152. 4474
CD14	2. 883627	4. 207889	28. 48537	1. 91E-89	4. 71E-88	192. 1697
NDUFA2	1. 624464	5. 600279	26. 92539	6. 00E-84	1. 18E-82	179. 4892
IK	1. 832356	5. 3007	29. 70919	1. 15E-93	3. 47E-92	201. 9079
HARS2	1. 201969	3. 651243	21. 594	2. 94E-64	3. 10E-63	134. 088
ZMAT2	2. 095046	4. 961114	33. 44647	4. 70E-106	2. 79E-104	230. 4869
PCDHB9	1. 19433	0. 946368	20. 32442	2. 12E-59	1. 96E-58	122. 8943
PCDHB10	1. 17582	0. 968513	27. 52664	4. 40E-86	9. 37E-85	184. 4116
TAF7	1. 938522	4. 963923	30. 02785	9. 40E-95	3. 02E-93	204. 4128
PCDHGB2	1. 073843	0. 958918	12. 90308	6. 55E-31	3. 29E-30	57. 33558
PCDHGC3	1. 932055	4. 385666	23. 62097	6. 79E-72	8. 87E-71	151. 6923
DIAPH1	1. 701185	5. 075439	22. 25226	9. 35E-67	1. 05E-65	139. 8448
ARAP3	1. 681166	2. 28594	25. 79128	7. 15E-80	1. 22E-78	170. 0876
PCDH1	3. 016541	4. 151206	31. 5988	5. 03E-100	2. 10E-98	216. 5761
PCDH12	1. 246686	1. 261968	21. 35883	2. 32E-63	2. 38E-62	132. 023
RNF14	1. 383451	3. 950578	22. 33114	4. 71E-67	5. 36E-66	140. 5322
GNPDA1	2. 156275	3. 433266	37. 43527	1. 89E-118	2. 42E-116	259. 0909

NDFIP1	1. 342467	4. 720714	23. 14375	4. 12E-70	5. 13E-69	147. 5815
SPRY4	2. 344269	2. 566674	33. 88319	1. 88E-107	1. 21E-105	233. 7129
FGF1	1. 634194	1. 00803	27. 9591	1. 32E-87	2. 98E-86	187. 925
ARHGAP26	2. 375818	2. 552449	31. 8378	8. 15E-101	3. 56E-99	218. 3996
NR3C1	1. 473539	2. 804167	22. 8628	4. 67E-69	5. 63E-68	145. 1511
YIPF5	1. 07579	4. 089141	15. 38741	2. 65E-40	1. 61E-39	78. 92404
PRELID2	1. 358668	2. 508843	19. 64185	9. 03E-57	7. 84E-56	116. 8359
RBM27	1. 350733	2. 036847	27. 12507	1. 17E-84	2. 35E-83	181. 1288
PPP2R2B	1. 239469	0. 972452	21. 05614	3. 32E-62	3. 30E-61	129. 3591
DPYSL3	4. 226232	3. 392889	43. 26333	3. 96E-135	1. 74E-132	297. 5857
SPINK1	-3. 53817	11. 69948	-16. 4907	1. 47E-44	9. 70E-44	88. 71884
C5orf46	2. 871012	1. 63946	28. 8943	7. 26E-91	1. 93E-89	195. 4443
SPINK5	1. 283556	0. 977068	15. 45685	1. 43E-40	8. 74E-40	79. 53809
FBXO38	1. 055346	3. 306027	18. 26736	1. 89E-51	1. 44E-50	104. 5813
ABLIM3	2. 94384	2. 590641	34. 4357	3. 31E-109	2. 38E-107	237. 7606
AFAP1L1	1. 414856	1. 368051	24. 66562	9. 21E-76	1. 37E-74	160. 6102
GRPEL2	1. 20414	1. 843614	28. 88774	7. 65E-91	2. 03E-89	195. 3919
PCYOX1L	1. 11155	2. 398166	21. 00747	5. 09E-62	5. 04E-61	128. 9302
CSNK1A1	2. 135694	5. 285553	29. 44711	9. 04E-93	2. 61E-91	199. 8381
SLC26A2	1. 119325	1. 557161	21. 54962	4. 34E-64	4. 55E-63	133. 6986
HMGXB3	1. 085456	3. 530902	17. 31151	9. 65E-48	6. 82E-47	96. 04189
CSF1R	2. 315112	2. 971538	22. 03919	5. 99E-66	6. 61E-65	137. 9853
RPL7P1	1. 258544	4. 249469	14. 25762	5. 48E-36	3. 04E-35	69. 0004
PDGFRB	2. 702536	4. 520489	27. 53852	4. 00E-86	8. 52E-85	184. 5084
CDX1	1. 103905	0. 569027	12. 29783	1. 09E-28	5. 24E-28	52. 23697
ARSI	1. 634049	0. 940264	25. 17668	1. 23E-77	1. 95E-76	164. 9305
TCOF1	1. 071979	3. 301068	20. 32286	2. 15E-59	1. 98E-58	122. 8804
CD74	4. 39802	8. 723944	36. 45129	1. 81E-115	1. 92E-113	252. 2122
SYNPO	1. 791041	4. 433585	21. 30485	3. 72E-63	3. 80E-62	131. 5484
RBM22	1. 217008	4. 059058	22. 18396	1. 70E-66	1. 90E-65	139. 2492
SMIM3	1. 210976	4. 089962	14. 42375	1. 28E-36	7. 22E-36	70. 45047
TNIP1	1. 865773	5. 670005	27. 12153	1. 20E-84	2. 42E-83	181. 0998
ANXA6	1. 785459	5. 661632	20. 93515	9. 62E-62	9. 47E-61	128. 2926
GM2A	2. 493082	3. 34735	39. 69357	4. 17E-125	8. 09E-123	274. 4536
SPARC	5. 380322	8. 170028	40. 51989	1. 77E-127	4. 03E-125	279. 931
ATOX1	2. 651522	5. 659681	40. 96326	9. 71E-129	2. 46E-126	282. 8389
RPLP1P6	1. 051716	0. 924891	21. 88997	2. 21E-65	2. 40E-64	136. 6807
RP11-54C4. 3	1. 022947	1. 060516	24. 02028	2. 23E-73	3. 06E-72	155. 1145
G3BP1	1. 905417	4. 223169	27. 4375	9. 10E-86	1. 92E-84	183. 6846
NMUR2	1. 256457	0. 604376	13. 00824	2. 67E-31	1. 35E-30	58. 22946
MFAP3	1. 246742	2. 340346	15. 78097	8. 10E-42	5. 06E-41	82. 4091
GALNT10	2. 376195	3. 319782	35. 22072	1. 14E-111	9. 55E-110	243. 4475
SAP30L	1. 240784	3. 764103	22. 74725	1. 27E-68	1. 51E-67	144. 1495
FAXDC2	1. 363594	2. 770363	16. 21153	1. 76E-43	1. 14E-42	86. 23385
CNOT8	1. 773146	4. 054448	28. 55256	1. 11E-89	2. 78E-88	192. 7091
GEMIN5	1. 054154	1. 973464	23. 55098	1. 24E-71	1. 61E-70	151. 0907
MRPL22	1. 435295	4. 650004	25. 97087	1. 60E-80	2. 79E-79	171. 5863
SGCD	1. 648791	1. 003359	22. 6295	3. 52E-68	4. 14E-67	143. 1274
HAVCR2	2. 287649	1. 835698	29. 66438	1. 63E-93	4. 91E-92	201. 5546
MED7	1. 467708	2. 547339	31. 64815	3. 45E-100	1. 46E-98	216. 9532
ITK	1. 134426	0. 872042	14. 28433	4. 34E-36	2. 41E-35	69. 23327
CYFIP2	1. 756184	2. 945129	23. 9098	5. 72E-73	7. 75E-72	154. 1692
ADAM19	2. 787827	1. 709871	34. 16399	2. 40E-108	1. 63E-106	235. 7748
THG1L	1. 327733	2. 933004	22. 59004	4. 96E-68	5. 80E-67	142. 7846

CLINT1	1. 513234	5. 019807	19. 08323	1. 30E-54	1. 07E-53	111. 8622
RNF145	2. 476695	4. 130561	32. 5892	2. 80E-103	1. 41E-101	224. 0856
UBLCP1	1. 31245	3. 403395	25. 39421	1. 98E-78	3. 23E-77	166. 7606
TTC1	1. 820543	4. 286008	33. 11366	5. 55E-105	3. 10E-103	228. 0126
FABP6	1. 933491	1. 041619	16. 63827	3. 93E-45	2. 64E-44	90. 034
CCNJL	1. 326374	0. 794976	22. 12048	2. 95E-66	3. 28E-65	138. 6952
SLU7	1. 452869	3. 939835	25. 8715	3. 66E-80	6. 30E-79	170. 7575
PTTG1	3. 984549	2. 685962	53. 37095	1. 45E-160	4. 40E-157	356. 2975
ATP10B	1. 729487	1. 904972	14. 22518	7. 28E-36	4. 03E-35	68. 71765
NUCD2	1. 294977	3. 387851	24. 29072	2. 22E-74	3. 16E-73	157. 4229
HMMR	1. 919449	1. 105472	33. 41834	5. 79E-106	3. 42E-104	230. 2783
MAT2B	2. 233519	4. 326362	34. 08556	4. 27E-108	2. 85E-106	235. 1998
CTB-63M22. 1	1. 66837	5. 776639	10. 91029	9. 54E-24	4. 12E-23	40. 90451
WWC1	1. 056361	4. 075073	14. 32807	2. 96E-36	1. 65E-35	69. 61491
RARS	1. 08379	4. 614666	18. 48395	2. 73E-52	2. 13E-51	106. 5155
PANK3	1. 275686	2. 533906	20. 87356	1. 66E-61	1. 62E-60	127. 7493
SLIT3	1. 726017	2. 048251	15. 76873	9. 03E-42	5. 64E-41	82. 30052
SPDL1	1. 399321	1. 879407	26. 11371	4. 88E-81	8. 65E-80	172. 7758
DOCK2	1. 97733	1. 855484	23. 39624	4. 68E-71	5. 98E-70	149. 7592
LCP2	2. 234682	2. 606525	23. 98379	3. 04E-73	4. 16E-72	154. 8024
GABRP	4. 646417	2. 445673	26. 30414	1. 01E-81	1. 83E-80	174. 3578
NPM1	1. 096229	9. 138017	10. 45758	3. 45E-22	1. 44E-21	37. 33645
FGF18	1. 047118	0. 70406	19. 06132	1. 58E-54	1. 30E-53	111. 6669
STK10	2. 302572	3. 032286	36. 48214	1. 46E-115	1. 57E-113	252. 4296
UBTD2	1. 703701	2. 810457	31. 83419	8. 37E-101	3. 65E-99	218. 3721
SH3PXD2B	1. 894285	3. 041832	24. 5169	3. 25E-75	4. 76E-74	159. 3476
NEURL1B	1. 48599	2. 311608	18. 95054	4. 25E-54	3. 46E-53	110. 6792
CTB-79E8. 3	-1. 39269	1. 068154	-15. 4963	1. 01E-40	6. 18E-40	79. 8872
CTB-79E8. 2	1. 155134	0. 974443	13. 88581	1. 40E-34	7. 56E-34	65. 7687
DUSP1	1. 617681	6. 202735	11. 8212	5. 76E-27	2. 67E-26	48. 28338
ERGIC1	1. 543681	5. 696467	22. 06067	4. 97E-66	5. 49E-65	138. 1729
RPL26L1	2. 001513	4. 198104	35. 58664	8. 28E-113	7. 38E-111	246. 0728
ATP6V0E1	2. 153357	7. 040283	29. 73227	9. 55E-94	2. 90E-92	202. 0898
MSX2	2. 098999	1. 243462	28. 83171	1. 20E-90	3. 14E-89	194. 9445
SFXN1	1. 658075	2. 942509	27. 91804	1. 84E-87	4. 13E-86	187. 5924
JTC-251I16. 1	1. 179218	1. 123143	17. 35706	6. 43E-48	4. 56E-47	96. 44878
THOC3	2. 070068	3. 774247	31. 44623	1. 61E-99	6. 55E-98	215. 4084
FAM153B	-1. 21674	1. 842515	-12. 1353	4. 24E-28	2. 02E-27	50. 88255
SIMC1	1. 155924	2. 346356	21. 01528	4. 75E-62	4. 71E-61	128. 9991
KIAA1191	1. 278406	4. 877144	19. 52452	2. 56E-56	2. 20E-55	115. 7923
NOP16	1. 757628	3. 808917	27. 5122	4. 95E-86	1. 05E-84	184. 2939
HIGD2A	1. 769736	6. 145794	25. 17895	1. 21E-77	1. 92E-76	164. 9496
CLTB	3. 048054	6. 161907	34. 35877	5. 80E-109	4. 12E-107	237. 1992
FAF2	1. 413912	3. 48786	24. 54975	2. 46E-75	3. 62E-74	159. 6267
CDHR2	3. 733506	1. 981777	28. 37204	4. 74E-89	1. 15E-87	191. 2584
GPRIN1	1. 246336	0. 951679	14. 53003	5. 06E-37	2. 87E-36	71. 38005
TSPAN17	1. 424094	4. 139297	23. 10985	5. 52E-70	6. 85E-69	147. 2887
HK3	1. 583568	1. 667778	16. 66706	3. 04E-45	2. 05E-44	90. 29066
LMAN2	1. 384999	6. 563854	19. 35978	1. 11E-55	9. 37E-55	114. 326
RGS14	1. 122997	3. 8786	14. 95143	1. 25E-38	7. 32E-38	75. 07854
F12	2. 13621	2. 09729	23. 09725	6. 15E-70	7. 61E-69	147. 1798
GRK6	1. 811104	3. 454351	32. 10979	1. 04E-101	4. 75E-100	220. 4659
DBN1	2. 618306	4. 189337	32. 16892	6. 62E-102	3. 07E-100	220. 9139
PDLIM7	3. 711988	5. 07691	37. 09467	2. 01E-117	2. 38E-115	256. 7227

DOK3	1.344249	2.214166	16.10474	4.56E-43	2.92E-42	85.28414
DDX41	1.70652	5.227518	25.02914	4.27E-77	6.63E-76	163.6862
TMED9	1.021493	7.132301	13.21911	4.40E-32	2.27E-31	60.02845
FAM153A	-1.07947	1.461581	-11.4105	1.68E-25	7.53E-25	44.92571
RP11-423H2.1	1.626188	3.307891	22.77966	9.59E-69	1.15E-67	144.4305
RP11-423H2.5	-1.26606	1.947955	-11.3521	2.70E-25	1.20E-24	44.45187
FAM153C	-1.5496	1.488772	-18.8834	7.73E-54	6.26E-53	110.0801
N4BP3	1.06749	0.83211	29.51722	5.20E-93	1.52E-91	200.3926
NHP2	1.223853	5.96538	17.93808	3.58E-50	2.66E-49	101.6396
HNRNPAB	2.384181	5.596189	34.82956	1.90E-110	1.47E-108	240.6233
ADAMTS2	2.749216	2.977027	28.39486	3.94E-89	9.58E-88	191.4421
P11-798K23.	1.315597	1.085488	19.18228	5.39E-55	4.49E-54	112.7449
RUFY1	1.391338	4.485498	23.2705	1.38E-70	1.75E-69	148.6754
CANX	1.034208	6.890651	12.18811	2.73E-28	1.30E-27	51.32181
LTC4S	1.169443	1.88853	14.94094	1.37E-38	8.02E-38	74.98626
MGAT4B	2.337952	6.114221	27.98093	1.11E-87	2.50E-86	188.1017
SQSTM1	1.700414	7.417612	19.37979	9.28E-56	7.85E-55	114.5042
GFPT2	2.191394	2.626547	20.94606	8.74E-62	8.61E-61	128.3888
CNOT6	1.419653	2.289328	28.0851	4.77E-88	1.10E-86	188.9444
SCGB3A1	1.17535	2.057799	5.750781	2.09E-08	6.03E-08	5.984725
LINC00847	1.147591	3.057792	20.82975	2.44E-61	2.38E-60	127.3627
BTNL8	1.891126	1.306668	14.43755	1.14E-36	6.41E-36	70.5711
BTNL9	-1.20788	2.633781	-12.5661	1.14E-29	5.57E-29	54.48718
AC138035.2	-1.09729	2.110126	-15.255	8.55E-40	5.13E-39	77.75448
EXOC2	1.254016	2.402974	26.34521	7.16E-82	1.31E-80	174.6984
FOXQ1	2.858782	2.12708	32.31823	2.15E-102	1.03E-100	222.0432
FOXF2	1.89226	1.376516	31.8444	7.75E-101	3.38E-99	218.4498
FOXC1	1.924509	1.891047	30.79576	2.40E-97	8.73E-96	210.3971
GMDS	1.676897	4.975819	18.0567	1.24E-50	9.30E-50	102.6994
WRNIP1	1.157448	4.592048	20.21615	5.53E-59	5.05E-58	121.9349
SERPINB9P1	1.042219	1.034602	15.36755	3.16E-40	1.92E-39	78.7485
SERPINB9	2.245582	1.932756	32.63774	1.94E-103	9.90E-102	224.4505
SERPINB6	1.192118	6.713991	15.49841	9.92E-41	6.06E-40	79.90577
BPHL	1.006864	3.535378	18.7124	3.55E-53	2.82E-52	108.5548
TUBB2A	1.434081	4.56922	17.76921	1.62E-49	1.19E-48	100.1308
TUBB2B	1.023795	2.313623	11.84517	4.73E-27	2.19E-26	48.48079
PXDC1	2.362234	4.009613	31.37243	2.84E-99	1.13E-97	214.8425
RP11-420L9.5	1.28052	1.236533	31.62041	4.26E-100	1.79E-98	216.7413
CDYL	1.806746	2.395958	35.58792	8.21E-113	7.32E-111	246.0819
FARS2	1.315361	2.733324	29.51922	5.12E-93	1.50E-91	200.4085
F13A1	2.25651	2.846252	18.2921	1.51E-51	1.16E-50	104.8022
LY86	2.758112	1.987139	31.50369	1.04E-99	4.25E-98	215.8486
SSR1	1.017762	4.885491	14.44818	1.04E-36	5.84E-36	70.66406
BLOC1S5	1.330951	2.059438	30.05322	7.71E-95	2.48E-93	204.6117
TFAP2A	2.634224	1.480937	33.22533	2.42E-105	1.38E-103	228.8444
GCNT2	1.003169	1.357495	18.61456	8.51E-53	6.71E-52	107.6815
PAK1IP1	1.185464	2.678175	22.97264	1.81E-69	2.20E-68	146.1022
TMEM14C	1.805567	5.841824	28.24528	1.31E-88	3.11E-87	190.2374
TMEM14B	1.394935	5.178925	22.96873	1.87E-69	2.28E-68	146.0683
SMIM13	1.016154	1.581879	25.02905	4.27E-77	6.63E-76	163.6854
NEDD9	2.350662	3.19592	29.16174	8.66E-92	2.41E-90	197.5747
ADTRP	2.389329	1.327171	25.09003	2.55E-77	4.01E-76	164.2
HIVEP1	1.144696	2.342663	20.61631	1.60E-60	1.53E-59	125.4772
EDN1	1.871509	2.601947	21.58876	3.08E-64	3.24E-63	134.042

RPL15P3	1. 36975	3. 293057	22. 6179	3. 90E-68	4. 57E-67	143. 0267
TBC1D7	1. 64954	3. 019987	32. 67188	1. 50E-103	7. 76E-102	224. 707
NOL7	1. 05209	4. 793871	17. 79285	1. 31E-49	9. 64E-49	100. 342
RANBP9	1. 071228	3. 567483	18. 29136	1. 52E-51	1. 17E-50	104. 7956
MCUR1	1. 103443	2. 949312	22. 13645	2. 57E-66	2. 86E-65	138. 8346
CD83	2. 186449	1. 825508	28. 365	5. 01E-89	1. 21E-87	191. 2018
JARID2	1. 162701	1. 745944	24. 49676	3. 85E-75	5. 63E-74	159. 1764
DTNBP1	1. 587633	3. 354272	28. 93962	5. 06E-91	1. 35E-89	195. 8059
ATXN1	1. 364828	2. 417813	23. 70294	3. 36E-72	4. 44E-71	152. 3961
KIF13A	1. 524092	3. 044737	25. 94659	1. 96E-80	3. 40E-79	171. 384
TPMT	1. 614723	2. 817461	29. 35683	1. 85E-92	5. 27E-91	199. 1232
KDM1B	1. 166513	2. 228604	20. 23228	4. 79E-59	4. 38E-58	122. 0779
DEK	1. 666521	4. 305521	24. 57882	1. 92E-75	2. 84E-74	159. 8736
RNF144B	1. 289111	1. 790076	23. 78596	1. 65E-72	2. 21E-71	153. 1083
MBOAT1	1. 250389	2. 226381	16. 98263	1. 82E-46	1. 26E-45	93. 10563
E2F3	1. 905451	1. 597527	38. 596	6. 67E-122	1. 06E-119	267. 06
SOX4	2. 370834	3. 288012	29. 60008	2. 70E-93	8. 06E-92	201. 0472
CASC15	1. 067224	0. 871827	23. 02139	1. 18E-69	1. 45E-68	146. 5239
TDP2	1. 398974	3. 956879	23. 22045	2. 13E-70	2. 67E-69	148. 2437
ACOT13	1. 609081	3. 089794	31. 23239	8. 29E-99	3. 24E-97	213. 7668
GMNN	-1. 00436	4. 615475	-13. 5991	1. 67E-33	8. 86E-33	63. 29114
FAM65B	1. 168322	1. 005882	13. 94063	8. 68E-35	4. 71E-34	66. 24397
CMAHP	1. 336724	2. 593095	15. 22977	1. 07E-39	6. 40E-39	77. 53156
LRRC16A	1. 767252	2. 517863	30. 81983	1. 99E-97	7. 28E-96	210. 5835
SLC17A4	-1. 68236	2. 1861	-16. 9357	2. 77E-46	1. 90E-45	92. 68654
TRIM38	1. 363997	1. 767197	30. 6167	9. 58E-97	3. 38E-95	209. 0083
HIST1H1C	2. 013194	5. 126089	15. 49719	1. 00E-40	6. 13E-40	79. 89497
HFE	1. 085293	2. 112104	18. 66478	5. 43E-53	4. 31E-52	108. 1297
HIST1H2BC	2. 187783	1. 770627	22. 41477	2. 27E-67	2. 61E-66	141. 2604
HIST1H2AC	2. 719221	3. 555326	24. 69611	7. 11E-76	1. 06E-74	160. 8687
U91328. 1	1. 804011	1. 311818	10. 85392	1. 50E-23	6. 44E-23	40. 45641
HIST1H2BD	2. 594435	3. 313011	19. 97185	4. 82E-58	4. 30E-57	119. 7678
HIST1H3D	1. 035637	0. 690247	13. 76799	3. 88E-34	2. 08E-33	64. 74891
HIST1H2AE	1. 216522	0. 956845	12. 59885	8. 65E-30	4. 24E-29	54. 76257
HIST1H4H	1. 918345	1. 310648	20. 57373	2. 34E-60	2. 22E-59	125. 1007
BTN3A2	1. 864517	3. 388426	22. 15553	2. 17E-66	2. 43E-65	139. 0011
BTN2A2	1. 327423	2. 271033	21. 04972	3. 51E-62	3. 49E-61	129. 3026
BTN3A1	1. 202989	3. 463924	15. 22718	1. 09E-39	6. 55E-39	77. 50875
BTN3A3	1. 850871	2. 730787	15. 94765	1. 84E-42	1. 17E-41	83. 88838
BTN2A1	1. 524132	3. 181792	24. 71065	6. 29E-76	9. 42E-75	160. 992
HCG11	1. 193961	1. 106229	21. 43057	1. 23E-63	1. 28E-62	132. 6534
CTA-14H9. 5	1. 799372	1. 616381	25. 4212	1. 58E-78	2. 59E-77	166. 9874
HMGN4	2. 057651	4. 368915	28. 59396	7. 99E-90	2. 01E-88	193. 0412
ABT1	1. 380441	2. 809656	30. 56386	1. 44E-96	5. 05E-95	208. 5978
ZNF322	1. 142534	2. 242478	23. 14958	3. 92E-70	4. 88E-69	147. 6318
HIST1H2BJ	1. 764222	1. 122393	21. 29655	4. 00E-63	4. 08E-62	131. 4755
HIST1H2BK	2. 124209	5. 258077	19. 38042	9. 23E-56	7. 81E-55	114. 5098
ZNF184	1. 047691	1. 495807	25. 50041	8. 13E-79	1. 34E-77	167. 6522
HIST1H3H	1. 653639	0. 904841	20. 08241	1. 81E-58	1. 63E-57	120. 749
HIST1H4J	2. 381113	1. 637851	31. 43293	1. 78E-99	7. 23E-98	215. 3065
OR2I1P	2. 28525	2. 121462	17. 26534	1. 46E-47	1. 03E-46	95. 62958
UBD	4. 315483	4. 573592	27. 21662	5. 52E-85	1. 12E-83	181. 879
SUMO2P1	1. 009841	1. 066242	10. 28222	1. 36E-21	5. 60E-21	35. 97402
HLA-F	3. 508536	5. 430101	35. 16634	1. 68E-111	1. 39E-109	243. 056

HLA-V	1.238832	0.949478	18.06011	1.20E-50	9.02E-50	102.7298
HLA-G	1.548895	1.161009	13.29231	2.35E-32	1.22E-31	60.65486
HLA-H	3.638581	3.667587	35.37433	3.78E-112	3.25E-110	244.5515
HLA-K	1.354372	1.470409	15.73406	1.23E-41	7.65E-41	81.99309
HLA-A	4.244341	7.960842	41.12396	3.41E-129	9.09E-127	283.8876
HCG4P5	1.441015	1.216963	16.60009	5.53E-45	3.69E-44	89.69368
ZNRD1	1.677194	4.41418	26.45577	2.87E-82	5.31E-81	175.6144
PPP1R11	1.783869	4.938671	28.4191	3.25E-89	7.94E-88	191.637
RNF39	1.810177	1.57682	20.48063	5.32E-60	5.00E-59	124.2772
TRIM31	3.958807	2.129379	32.57184	3.19E-103	1.60E-101	223.955
TRIM15	3.225818	1.644145	34.68668	5.35E-110	4.02E-108	239.5869
TRIM26	1.665376	3.791527	29.38627	1.46E-92	4.20E-91	199.3564
RPP21	1.083491	5.266234	15.82121	5.66E-42	3.55E-41	82.76613
HLA-E	2.751069	7.136698	30.26141	1.52E-95	5.04E-94	206.2408
GNL1	1.12946	5.165207	16.79731	9.52E-46	6.47E-45	91.45218
ABCF1	1.195152	4.364113	20.56629	2.49E-60	2.36E-59	125.035
PPP1R18	3.064901	4.310327	35.22795	1.08E-111	9.10E-110	243.4995
NRM	1.83152	3.369664	31.60755	4.70E-100	1.97E-98	216.643
TUBB	2.513851	6.798059	29.64862	1.85E-93	5.55E-92	201.4303
FLOT1	1.77021	6.241812	22.5433	7.45E-68	8.66E-67	142.3784
IER3	2.340611	5.993972	19.08655	1.26E-54	1.04E-53	111.8918
DDR1	1.475785	6.093788	16.98137	1.84E-46	1.27E-45	93.09434
SFTA2	4.536546	3.553055	32.83615	4.40E-104	2.32E-102	225.9389
DPCR1	4.699221	2.369351	23.93737	4.52E-73	6.15E-72	154.4053
C6orf15	1.335865	0.641269	10.36019	7.39E-22	3.07E-21	36.57838
PSORS1C1	2.755305	1.881403	27.61731	2.11E-86	4.54E-85	185.1501
TCF19	1.632528	1.87844	32.14087	8.19E-102	3.78E-100	220.7015
HLA-C	3.049335	7.906688	29.07605	1.71E-91	4.69E-90	196.893
HLA-B	3.787168	8.490083	35.19629	1.36E-111	1.13E-109	243.2717
MICA	1.283215	3.642607	17.339	7.55E-48	5.35E-47	96.28745
HCP5	2.909338	2.815842	35.73147	2.95E-113	2.72E-111	247.1074
MICB	1.5242	1.186191	25.13237	1.79E-77	2.82E-76	164.557
LTB	3.577565	2.615057	28.88349	7.91E-91	2.10E-89	195.358
LST1	3.563119	3.195701	36.51101	1.19E-115	1.29E-113	252.633
AIF1	3.456751	3.985008	33.07719	7.29E-105	4.04E-103	227.7406
PRRC2A	1.12377	5.57394	14.79354	5.00E-38	2.91E-37	73.69045
BAG6	1.365351	6.486394	18.36412	7.96E-52	6.15E-51	105.4455
C6orf47	1.772434	3.356314	35.17666	1.56E-111	1.30E-109	243.1303
GPANK1	1.100675	3.242638	23.14486	4.08E-70	5.08E-69	147.5911
CSNK2B	1.45407	6.606021	20.77407	3.98E-61	3.86E-60	126.8711
ABHD16A	1.247678	4.689689	19.71703	4.63E-57	4.05E-56	117.5043
DDAH2	2.987031	4.786345	37.02386	3.29E-117	3.86E-115	256.2287
CLIC1	3.4808	7.419984	39.47056	1.85E-124	3.41E-122	272.9624
MSH5-SAPCD1	1.056829	1.816945	15.50509	9.35E-41	5.72E-40	79.96488
VWA7	1.015312	1.93724	14.54071	4.61E-37	2.62E-36	71.4735
VAR5	1.127269	4.733194	16.40093	3.26E-44	2.14E-43	87.9195
LSM2	1.639659	4.786524	26.13777	4.00E-81	7.10E-80	172.9758
HSPA1A	2.219774	6.207848	11.87401	3.72E-27	1.73E-26	48.71853
HSPA1B	1.823171	6.139409	9.621148	2.15E-19	8.44E-19	30.94526
C6orf48	1.0762	6.587501	12.96751	3.78E-31	1.91E-30	57.88297
NEU1	1.277462	4.527877	19.3377	1.35E-55	1.14E-54	114.1293
SLC44A4	4.580288	4.35522	38.42336	2.16E-121	3.34E-119	265.8845
EHMT2	1.30471	4.206987	21.0659	3.04E-62	3.03E-61	129.4452
C2	3.586171	2.636872	41.71242	7.58E-131	2.26E-128	287.7039

ZBTB12	1. 136887	1. 373057	24. 31993	1. 73E-74	2. 47E-73	157. 6718
CFB	2. 622697	5. 742563	19. 00972	2. 51E-54	2. 05E-53	111. 2068
NELFE	1. 322863	5. 409383	21. 20796	8. 72E-63	8. 83E-62	130. 6961
C4A	1. 624836	5. 744853	10. 18929	2. 79E-21	1. 15E-20	35. 25668
C4B	1. 685261	5. 739659	10. 46926	3. 15E-22	1. 31E-21	37. 42761
TNXB	1. 1549	2. 740229	10. 8658	1. 36E-23	5. 87E-23	40. 55074
ATF6B	1. 191614	5. 184823	17. 9342	3. 70E-50	2. 75E-49	101. 6049
FKBPL	1. 172511	2. 14417	26. 76823	2. 18E-83	4. 21E-82	178. 1954
AGPAT1	1. 835137	4. 732218	30. 56904	1. 39E-96	4. 86E-95	208. 638
RNF5	1. 702219	4. 828344	30. 02729	9. 44E-95	3. 03E-93	204. 4085
GPSM3	3. 262663	3. 333051	37. 45252	1. 68E-118	2. 16E-116	259. 2105
HLA-DRA	4. 86205	6. 859413	38. 75395	2. 29E-122	3. 73E-120	268. 1324
HLA-DRB5	4. 090163	3. 829137	21. 08653	2. 54E-62	2. 53E-61	129. 6269
HLA-DRB6	3. 779926	2. 264867	41. 96844	1. 46E-131	4. 81E-129	289. 3527
HLA-DRB1	4. 36525	5. 804988	34. 92442	9. 60E-111	7. 58E-109	241. 3099
HLA-DQA1	4. 565522	3. 569158	32. 97335	1. 58E-104	8. 57E-103	226. 9654
HLA-DQB1	4. 129937	4. 152486	22. 99937	1. 43E-69	1. 75E-68	146. 3335
HLA-DQA2	2. 959661	1. 72675	25. 69487	1. 60E-79	2. 70E-78	169. 2814
HLA-DQB2	3. 142775	1. 738917	33. 25083	2. 00E-105	1. 14E-103	229. 0341
HLA-DOB	1. 87086	1. 242582	20. 30706	2. 47E-59	2. 28E-58	122. 7405
ac-BPG246D1	1. 799269	1. 091265	22. 9791	1. 71E-69	2. 08E-68	146. 1581
TAP2	2. 473097	3. 870128	30. 08649	5. 94E-95	1. 92E-93	204. 8724
PSMB8	3. 224707	5. 189217	38. 70088	3. 28E-122	5. 30E-120	267. 7724
PSMB8-AS1	2. 634449	3. 191922	33. 23964	2. 18E-105	1. 24E-103	228. 9508
PSMB9	4. 036029	4. 32485	43. 27895	3. 59E-135	1. 59E-132	297. 684
TAP1	2. 93943	4. 357403	34. 63756	7. 64E-110	5. 71E-108	239. 2302
HLA-DMB	3. 694636	3. 96998	35. 5196	1. 34E-112	1. 17E-110	245. 593
HLA-DMA	3. 312566	4. 970264	33. 80427	3. 36E-107	2. 13E-105	233. 1317
HLA-DOA	2. 83171	2. 192827	29. 78945	6. 10E-94	1. 88E-92	202. 54
HLA-DPA1	4. 158427	5. 358394	35. 4027	3. 08E-112	2. 66E-110	244. 7551
HLA-DPB1	4. 108533	5. 663815	37. 19499	1. 00E-117	1. 22E-115	257. 4217
HLA-DPB2	1. 244155	0. 627413	18. 87908	8. 03E-54	6. 50E-53	110. 0418
SLC39A7	1. 351651	6. 27789	20. 03721	2. 70E-58	2. 43E-57	120. 348
B3GALT4	2. 532751	2. 527312	42. 94523	2. 93E-134	1. 23E-131	295. 5794
WDR46	1. 291345	4. 695277	19. 9359	6. 63E-58	5. 91E-57	119. 4488
PFDN6	1. 742254	5. 345273	26. 96627	4. 29E-84	8. 48E-83	179. 8252
TAPBP	2. 359676	5. 300144	28. 71785	2. 97E-90	7. 65E-89	194. 0339
ZBTB22	1. 089069	2. 952902	23. 1109	5. 47E-70	6. 79E-69	147. 2977
DAXX	1. 597046	4. 284387	26. 54578	1. 36E-82	2. 56E-81	176. 3591
KIFC1	2. 534367	1. 552689	41. 71612	7. 40E-131	2. 22E-128	287. 7278
CUTA	1. 403765	6. 880031	19. 57209	1. 68E-56	1. 45E-55	116. 2155
ZBTB9	1. 092223	1. 659453	27. 13385	1. 09E-84	2. 19E-83	181. 2008
BAK1	2. 262681	3. 562402	35. 96118	5. 77E-114	5. 64E-112	248. 7432
ITPR3	2. 435204	3. 648945	28. 39294	4. 00E-89	9. 72E-88	191. 4266
UQCC2	1. 497794	5. 292067	23. 06386	8. 21E-70	1. 01E-68	146. 8911
HMGAI	3. 807227	5. 401868	42. 23003	2. 74E-132	9. 54E-130	291. 0301
C6orf1	2. 03884	4. 080433	28. 10024	4. 22E-88	9. 76E-87	189. 0667
NUDT3	1. 00596	2. 598562	17. 81387	1. 08E-49	8. 00E-49	100. 5298
RPS10-NUDT3	1. 902122	2. 576499	23. 26282	1. 48E-70	1. 86E-69	148. 6092
SPDEF	3. 635735	2. 025238	35. 05266	3. 81E-111	3. 09E-109	242. 2364
C6orf106	1. 766326	4. 330324	28. 98311	3. 58E-91	9. 66E-90	196. 1528
SNRPC	1. 331373	5. 829857	19. 70361	5. 21E-57	4. 55E-56	117. 385
ANKS1A	1. 106216	2. 607325	19. 23565	3. 35E-55	2. 80E-54	113. 2204
SCUBE3	1. 200976	0. 627321	16. 11	4. 35E-43	2. 79E-42	85. 33095

PPARD	1. 927149	3. 32698	29. 03834	2. 31E-91	6. 28E-90	196. 5928
TEAD3	2. 033569	3. 334612	28. 75314	2. 24E-90	5. 80E-89	194. 3162
CLPSL2	-1. 21664	0. 920071	-19. 2029	4. 48E-55	3. 74E-54	112. 929
CLPSL1	-3. 39557	2. 77877	-13. 6258	1. 33E-33	7. 05E-33	63. 52119
CLPS	-9. 37999	10. 42368	-23. 4635	2. 63E-71	3. 38E-70	150. 338
LHFPL5	-1. 23615	0. 868051	-29. 2975	2. 95E-92	8. 36E-91	198. 6529
MAPK14	1. 101045	3. 631251	19. 06809	1. 49E-54	1. 23E-53	111. 7273
C6orf222	1. 783159	1. 457625	15. 59553	4. 20E-41	2. 58E-40	80. 7655
ETV7	2. 286513	1. 742106	31. 6335	3. 86E-100	1. 63E-98	216. 8414
KCTD20	1. 630277	3. 16857	25. 70293	1. 49E-79	2. 52E-78	169. 3488
STK38	2. 235369	3. 54602	36. 54184	9. 58E-116	1. 05E-113	252. 85
SRSF3	1. 563797	6. 599764	20. 07336	1. 96E-58	1. 77E-57	120. 6687
CDKN1A	1. 477778	5. 914275	13. 22467	4. 20E-32	2. 16E-31	60. 07599
CPNE5	1. 68154	1. 224724	24. 91092	1. 16E-76	1. 78E-75	162. 6874
PPIL1	1. 252091	3. 459335	19. 40897	7. 16E-56	6. 08E-55	114. 7639
PI16	1. 188331	1. 230161	9. 006485	2. 02E-17	7. 59E-17	26. 43608
FGD2	1. 284464	1. 988167	14. 79702	4. 85E-38	2. 82E-37	73. 72102
PIM1	2. 19248	4. 022081	20. 82783	2. 48E-61	2. 42E-60	127. 3457
RNF8	1. 449853	2. 842685	31. 56337	6. 59E-100	2. 73E-98	216. 3052
CCDC167	1. 738875	3. 692415	28. 14655	2. 91E-88	6. 77E-87	189. 4408
MDGA1	1. 204945	1. 099439	18. 99801	2. 78E-54	2. 27E-53	111. 1025
ZFAND3	1. 562969	4. 628808	21. 7302	8. 92E-65	9. 54E-64	135. 282
BTBD9	1. 04323	1. 524497	25. 91046	2. 65E-80	4. 57E-79	171. 0826
GLO1	1. 812426	4. 667096	30. 52673	1. 92E-96	6. 68E-95	208. 309
SAYS1	1. 014622	2. 887998	22. 67397	2. 40E-68	2. 83E-67	143. 5135
KCNK5	1. 126987	3. 532065	12. 29294	1. 14E-28	5. 46E-28	52. 19617
NFYA	1. 118814	2. 819842	18. 33061	1. 07E-51	8. 27E-51	105. 1462
TREM2	3. 359526	2. 72473	32. 90814	2. 57E-104	1. 37E-102	226. 4778
TREM1	3. 398862	2. 036573	32. 91262	2. 48E-104	1. 33E-102	226. 5113
MDFI	3. 789898	2. 922008	45. 58466	2. 46E-141	1. 81E-138	311. 9148
TFEB	2. 042576	3. 474206	30. 0405	8. 52E-95	2. 74E-93	204. 512
PRICKLE4	1. 017979	2. 801772	11. 99051	1. 42E-27	6. 66E-27	49. 68109
TOMM6	1. 361576	6. 799072	19. 71768	4. 60E-57	4. 02E-56	117. 5101
MED20	1. 137874	2. 684506	23. 86796	8. 18E-73	1. 11E-71	153. 8109
BYSL	1. 431392	3. 128905	23. 94827	4. 12E-73	5. 61E-72	154. 4985
CCND3	2. 295771	4. 812295	28. 41074	3. 47E-89	8. 47E-88	191. 5698
TAF8	1. 449654	2. 563758	30. 18572	2. 74E-95	9. 00E-94	205. 6492
RP11-7K24. 3	1. 312397	1. 059317	21. 09938	2. 27E-62	2. 27E-61	129. 7401
C6orf132	1. 495825	3. 537425	19. 45305	4. 84E-56	4. 13E-55	115. 1563
MRPS10	1. 691959	3. 595841	31. 98445	2. 68E-101	1. 20E-99	219. 5148
TRERF1	1. 330626	1. 35248	27. 46901	7. 04E-86	1. 49E-84	183. 9416
TBCC	1. 467469	3. 332683	26. 90517	7. 08E-84	1. 39E-82	179. 323
RPL7L1	1. 231193	4. 394841	20. 77871	3. 82E-61	3. 71E-60	126. 9121
GNMT	-5. 64637	4. 249355	-30. 0185	1. 01E-94	3. 24E-93	204. 3396
PPP2R5D	1. 078798	3. 718111	19. 41524	6. 77E-56	5. 75E-55	114. 8197
MEA1	1. 691896	4. 989069	30. 29492	1. 17E-95	3. 89E-94	206. 5025
KLHDC3	1. 336816	4. 930383	22. 25607	9. 05E-67	1. 02E-65	139. 878
RRP36	1. 265212	4. 596491	22. 63191	3. 45E-68	4. 06E-67	143. 1483
KLC4	1. 163867	4. 214323	16. 57501	6. 91E-45	4. 61E-44	89. 47018
PTK7	2. 912058	4. 32094	31. 61448	4. 46E-100	1. 87E-98	216. 696
SRF	1. 443243	3. 494795	23. 10307	5. 85E-70	7. 25E-69	147. 2301
POLR1C	1. 147099	3. 889615	19. 54232	2. 19E-56	1. 88E-55	115. 9506
MAD2L1BP	1. 765507	3. 554853	32. 50665	5. 20E-103	2. 58E-101	223. 4644
MRPS18A	1. 753919	4. 493268	32. 21652	4. 62E-102	2. 17E-100	221. 2742

RP1-261G23.7	1. 218421	4. 873965	8. 855929	6. 00E-17	2. 23E-16	25. 35818
C6orf223	2. 093139	1. 335352	23. 66422	4. 69E-72	6. 15E-71	152. 0637
MRPL14	2. 496624	4. 47861	41. 93668	1. 79E-131	5. 80E-129	289. 1485
TMEM63B	1. 883095	3. 530478	31. 27178	6. 13E-99	2. 41E-97	214. 0696
SLC35B2	1. 693457	4. 745815	28. 77011	1. 95E-90	5. 08E-89	194. 452
NFKBIE	2. 67227	3. 166704	38. 31656	4. 46E-121	6. 74E-119	265. 1557
CDC5L	1. 268752	2. 531489	26. 26518	1. 39E-81	2. 51E-80	174. 0344
RUNX2	2. 417891	1. 526213	33. 93391	1. 30E-107	8. 39E-106	234. 086
CLIC5	1. 57609	1. 279075	21. 53669	4. 86E-64	5. 09E-63	133. 5852
RCAN2	1. 380107	2. 182778	18. 25228	2. 16E-51	1. 65E-50	104. 4465
SLC25A27	-1. 62729	3. 233415	-18. 7834	1. 89E-53	1. 51E-52	109. 1879
PLA2G7	2. 475676	1. 393382	30. 0211	9. 91E-95	3. 18E-93	204. 36
ADGRF5	1. 170447	2. 205228	17. 15198	4. 01E-47	2. 80E-46	94. 61728
ADGRF1	3. 421895	1. 821761	34. 19528	1. 91E-108	1. 31E-106	236. 0039
TNFRSF21	3. 733608	4. 233898	40. 30027	7. 50E-127	1. 61E-124	278. 4826
CD2AP	1. 812603	3. 542833	25. 23711	7. 41E-78	1. 19E-76	165. 4394
ADGRF4	1. 712182	0. 847006	26. 60618	8. 29E-83	1. 57E-81	176. 8583
CRISP3	2. 946626	2. 271575	14. 06671	2. 90E-35	1. 59E-34	67. 3386
MCM3	2. 146047	3. 888597	34. 58672	1. 11E-109	8. 17E-108	238. 8605
PAQR8	2. 655188	1. 87802	33. 38113	7. 63E-106	4. 48E-104	230. 0022
TRAM2	1. 634376	2. 534238	23. 65714	4. 98E-72	6. 53E-71	152. 0029
TMEM14A	1. 149486	4. 343778	16. 71898	1. 91E-45	1. 29E-44	90. 75356
GSTA7P	-1. 03646	0. 634785	-21. 4045	1. 55E-63	1. 60E-62	132. 4244
GSTA2	-4. 2846	3. 855897	-27. 9778	1. 13E-87	2. 57E-86	188. 0766
GSTA1	-1. 17413	4. 729543	-7. 31028	2. 18E-12	7. 19E-12	14. 97782
ELOVL5	2. 434954	3. 695518	29. 47682	7. 15E-93	2. 08E-91	200. 0732
LRRC1	1. 577484	3. 005114	26. 38522	5. 14E-82	9. 46E-81	175. 03
TINAG	1. 321452	0. 638024	16. 58688	6. 22E-45	4. 15E-44	89. 57597
FAM83B	1. 292562	1. 001146	22. 5056	1. 03E-67	1. 20E-66	142. 0507
RP3-523K23.2	1. 890407	1. 516867	32. 0496	1. 63E-101	7. 39E-100	220. 0095
DST	1. 463434	5. 229803	18. 99041	2. 98E-54	2. 43E-53	111. 0347
BEND6	1. 104507	0. 675419	21. 43831	1. 15E-63	1. 19E-62	132. 7214
BAG2	1. 110329	1. 131779	18. 54916	1. 52E-52	1. 20E-51	107. 0977
RAB23	2. 158383	1. 79807	27. 58261	2. 79E-86	5. 99E-85	184. 8676
PRIM2	1. 449406	1. 891665	33. 3225	1. 18E-105	6. 83E-104	229. 5668
PTP4A1	1. 403318	5. 42962	11. 91313	2. 69E-27	1. 26E-26	49. 04134
LMBRD1	1. 059403	4. 609608	16. 43647	2. 38E-44	1. 57E-43	88. 23593
RP11-462G2.1	-1. 13957	4. 146694	-4. 81373	2. 30E-06	6. 05E-06	1. 423405
FAM135A	1. 380659	2. 657762	18. 26368	1. 95E-51	1. 49E-50	104. 5484
SDHAF4	1. 150196	2. 39507	24. 26162	2. 84E-74	4. 04E-73	157. 1748
RPL39P3	1. 702109	7. 911305	12. 35038	7. 01E-29	3. 38E-28	52. 6764
MB21D1	1. 694994	1. 350039	35. 79162	1. 92E-113	1. 78E-111	247. 5363
SLC17A5	1. 60963	2. 832643	26. 16302	3. 24E-81	5. 78E-80	173. 1858
CD109	2. 317969	1. 348597	29. 30276	2. 83E-92	8. 02E-91	198. 6945
COL12A1	4. 360787	3. 708202	35. 78897	1. 96E-113	1. 82E-111	247. 5174
COX7A2	2. 16256	6. 989269	29. 7014	1. 22E-93	3. 69E-92	201. 8465
MYO6	1. 467513	3. 875471	20. 13803	1. 10E-58	1. 00E-57	121. 2422
RP11-354K4.2	-1. 14121	0. 656438	-24. 6248	1. 30E-75	1. 93E-74	160. 2642
SH3BGR2	1. 812219	3. 190572	25. 18403	1. 16E-77	1. 84E-76	164. 9924
TTK	1. 427795	0. 847843	28. 88993	7. 52E-91	2. 00E-89	195. 4094
FAM46A	1. 627787	2. 162563	25. 09053	2. 54E-77	3. 99E-76	164. 2043
TPBG	2. 14648	3. 024319	30. 95415	7. 05E-98	2. 64E-96	211. 6223
ME1	1. 1118	1. 626602	16. 52707	1. 06E-44	7. 03E-44	89. 04298
CYB5R4	1. 576209	2. 273368	25. 59696	3. 63E-79	6. 06E-78	168. 4616

MRAP2	1. 289048	1. 716302	14. 63783	1. 96E-37	1. 13E-36	72. 32421
NT5E	3. 547952	2. 396828	39. 45041	2. 11E-124	3. 89E-122	272. 8273
SNX14	1. 127463	4. 967735	18. 22691	2. 71E-51	2. 07E-50	104. 2199
SYNCRIP	1. 391571	4. 318388	21. 69223	1. 24E-64	1. 32E-63	134. 9493
SLC35A1	1. 614813	3. 517441	25. 55803	5. 02E-79	8. 34E-78	168. 1354
AKIRIN2	1. 627523	3. 537811	29. 06324	1. 89E-91	5. 18E-90	196. 7911
RNGTT	1. 22569	1. 58605	26. 6763	4. 65E-83	8. 87E-82	177. 4372
PNRC1	1. 189204	5. 467562	13. 7155	6. 12E-34	3. 27E-33	64. 29528
LYRM2	1. 15563	3. 008027	19. 53971	2. 24E-56	1. 93E-55	115. 9274
MAP3K7	1. 073749	2. 941984	20. 45382	6. 74E-60	6. 31E-59	124. 0399
NDUFAF4	1. 151411	3. 669247	19. 52015	2. 66E-56	2. 29E-55	115. 7534
ASCC3	1. 129582	2. 843868	20. 01726	3. 22E-58	2. 90E-57	120. 1709
PREP	1. 44809	3. 676264	24. 55474	2. 36E-75	3. 47E-74	159. 6691
PRDM1	2. 28009	1. 652457	33. 48883	3. 44E-106	2. 06E-104	230. 8008
ATG5	1. 372641	3. 121872	27. 72435	8. 83E-87	1. 93E-85	186. 0207
AIM1	1. 773023	2. 108624	26. 261	1. 44E-81	2. 59E-80	173. 9998
RTN4IP1	1. 189328	1. 717014	29. 70251	1. 21E-93	3. 66E-92	201. 8552
RP1-60019. 1	-1. 5293	4. 22317	-9. 60399	2. 44E-19	9. 59E-19	30. 81716
C6orf203	1. 092574	3. 30485	21. 02622	4. 31E-62	4. 28E-61	129. 0955
OSTM1	1. 26868	2. 994136	19. 86539	1. 24E-57	1. 10E-56	118. 8226
SNX3	1. 296779	6. 164275	18. 2103	3. 14E-51	2. 39E-50	104. 0715
CD164	1. 793268	6. 308181	22. 64721	3. 02E-68	3. 56E-67	143. 2812
MICAL1	1. 522189	3. 593776	17. 82221	1. 01E-49	7. 43E-49	100. 6043
FIG4	1. 122042	2. 456913	24. 0172	2. 29E-73	3. 14E-72	155. 0881
CDK19	1. 338264	1. 962632	27. 32992	2. 19E-85	4. 53E-84	182. 8059
GTF3C6	1. 748094	4. 817121	26. 98645	3. 63E-84	7. 21E-83	179. 9911
SLC16A10	-1. 04067	2. 239641	-14. 2271	7. 16E-36	3. 96E-35	68. 7347
TRAF3IP2	1. 221051	3. 914061	20. 64378	1. 26E-60	1. 20E-59	125. 7201
FYN	2. 267274	3. 805456	27. 81219	4. 33E-87	9. 59E-86	186. 734
WISP3	1. 203333	0. 68459	10. 50938	2. 30E-22	9. 62E-22	37. 74112
FAM229B	1. 836554	2. 852056	27. 71636	9. 42E-87	2. 06E-85	185. 9558
LAMA4	3. 373909	2. 968383	39. 6229	6. 68E-125	1. 26E-122	273. 9816
MARCKS	1. 751719	4. 774117	25. 98416	1. 43E-80	2. 50E-79	171. 6971
HDAC2	1. 392996	4. 825788	21. 84281	3. 33E-65	3. 61E-64	136. 2681
NT5DC1	1. 05939	3. 353623	15. 90312	2. 74E-42	1. 73E-41	83. 49308
COL10A1	6. 212415	3. 1732	46. 64471	4. 29E-144	3. 76E-141	318. 2813
DSE	2. 014421	2. 180597	24. 10715	1. 06E-73	1. 48E-72	155. 8568
FAM26F	2. 569269	1. 91699	29. 13089	1. 11E-91	3. 06E-90	197. 3294
DCBLD1	1. 687651	2. 885849	25. 76075	9. 22E-80	1. 57E-78	169. 8324
PLN	1. 577442	1. 433699	15. 66224	2. 32E-41	1. 44E-40	81. 35652
GJA1	3. 026503	3. 598993	29. 48006	6. 97E-93	2. 03E-91	200. 0988
RP3-425C14. 4	1. 07508	1. 509239	22. 15825	2. 12E-66	2. 37E-65	139. 0248
SERINC1	1. 675603	5. 319182	21. 01848	4. 62E-62	4. 58E-61	129. 0273
PKIB	1. 712837	2. 444948	22. 20621	1. 40E-66	1. 57E-65	139. 4432
HDDC2	1. 251983	5. 035432	20. 46131	6. 31E-60	5. 91E-59	124. 1062
NCOA7	2. 366599	3. 612315	28. 27277	1. 05E-88	2. 50E-87	190. 459
HINT3	1. 08435	3. 023093	21. 74736	7. 68E-65	8. 22E-64	135. 4323
RNA5SP216	-1. 67912	1. 414143	-8. 63492	2. 90E-16	1. 06E-15	23. 79588
CENPW	2. 966218	2. 270423	44. 31227	5. 81E-138	3. 08E-135	304. 1277
ECHDC1	1. 403705	4. 068041	25. 07657	2. 86E-77	4. 48E-76	164. 0865
YWHAZP4	1. 456395	0. 805978	29. 0728	1. 75E-91	4. 81E-90	196. 8672
PTPRK	1. 459031	3. 954407	21. 53497	4. 94E-64	5. 17E-63	133. 57
L3MBTL3	1. 414428	1. 641419	27. 77452	5. 88E-87	1. 29E-85	186. 4282
TMEM200A	2. 543397	1. 700043	30. 21166	2. 24E-95	7. 37E-94	205. 852

EPB41L2	1. 572103	3. 768928	18. 96653	3. 68E-54	3. 00E-53	110. 8218
CTGF	2. 754384	5. 983513	19. 88151	1. 07E-57	9. 53E-57	118. 9658
MOXD1	3. 184245	2. 378547	32. 00254	2. 33E-101	1. 05E-99	219. 6522
STX7	2. 065936	3. 359194	27. 45904	7. 63E-86	1. 61E-84	183. 8603
VNN1	3. 003085	1. 99382	22. 96187	1. 98E-69	2. 41E-68	146. 0089
VNN2	2. 229549	1. 789212	23. 17586	3. 12E-70	3. 91E-69	147. 8588
SLC18B1	1. 122969	2. 704524	21. 04258	3. 74E-62	3. 72E-61	129. 2397
TCF21	1. 043358	1. 206317	17. 32372	8. 66E-48	6. 13E-47	96. 15095
TBPL1	1. 337597	3. 516372	22. 56724	6. 05E-68	7. 05E-67	142. 5865
MYB	1. 172996	0. 649022	23. 97054	3. 40E-73	4. 65E-72	154. 6891
MTFR2	1. 103688	0. 784049	28. 17228	2. 36E-88	5. 53E-87	189. 6485
IL20RA	1. 172473	2. 635414	16. 64887	3. 58E-45	2. 40E-44	90. 12848
IFNGR1	1. 928671	4. 836573	23. 94454	4. 25E-73	5. 79E-72	154. 4666
TNFAIP3	1. 382914	3. 389904	14. 28291	4. 40E-36	2. 44E-35	69. 22091
PERP	2. 942291	4. 934442	35. 88157	1. 01E-113	9. 62E-112	248. 177
HEBP2	1. 559541	4. 643978	22. 45503	1. 60E-67	1. 85E-66	141. 6108
ABRACL	2. 749789	4. 035254	38. 37789	2. 94E-121	4. 54E-119	265. 5743
HECA	1. 602581	2. 584863	28. 8394	1. 12E-90	2. 96E-89	195. 0058
VTA1	1. 58379	3. 4762	27. 18364	7. 23E-85	1. 46E-83	181. 6088
ADGRG6	2. 327257	2. 007621	27. 99547	9. 84E-88	2. 24E-86	188. 2194
HIVEP2	1. 077676	2. 293942	17. 47731	2. 19E-48	1. 57E-47	97. 52286
AIG1	2. 04174	3. 896195	32. 47233	6. 73E-103	3. 31E-101	223. 2058
PEX3	1. 049731	2. 599441	21. 33184	2. 93E-63	3. 01E-62	131. 7858
FUCA2	1. 465748	4. 393417	25. 82751	5. 28E-80	9. 05E-79	170. 3902
PHACTR2	1. 641851	1. 892712	26. 52564	1. 61E-82	3. 01E-81	176. 1926
SF3B5	1. 272995	6. 315684	18. 57254	1. 24E-52	9. 73E-52	107. 3064
STX11	1. 243745	1. 118359	21. 74277	7. 99E-65	8. 55E-64	135. 3922
RAB32	2. 564552	3. 587379	34. 31931	7. 73E-109	5. 45E-107	236. 911
SAMD5	1. 163686	0. 856278	18. 91332	5. 92E-54	4. 80E-53	110. 3472
TAB2	1. 335648	3. 707059	22. 06263	4. 89E-66	5. 40E-65	138. 1901
PPIL4	1. 159608	3. 154773	20. 01044	3. 42E-58	3. 07E-57	120. 1104
GINM1	1. 27166	4. 131422	20. 94105	9. 14E-62	8. 99E-61	128. 3446
KATNA1	1. 208294	2. 638897	26. 96638	4. 28E-84	8. 47E-83	179. 8262
PCMT1	1. 223357	4. 480488	21. 59435	2. 93E-64	3. 09E-63	134. 091
LRP11	1. 475463	3. 443418	24. 10828	1. 05E-73	1. 46E-72	155. 8664
P11-350J20.1	4. 129404	2. 018776	41. 72026	7. 21E-131	2. 17E-128	287. 7545
ULBP2	1. 656797	1. 023326	23. 45945	2. 72E-71	3. 49E-70	150. 3034
RAET1L	1. 559028	0. 826134	18. 40798	5. 38E-52	4. 17E-51	105. 8371
PPP1R14C	2. 378718	1. 468311	27. 98223	1. 09E-87	2. 48E-86	188. 1122
IYD	1. 860244	0. 988378	22. 31656	5. 34E-67	6. 07E-66	140. 4052
PLEKHG1	2. 090667	1. 599522	36. 25117	7. 41E-115	7. 63E-113	250. 7992
MTHFD1L	1. 928692	2. 990661	29. 2104	5. 88E-92	1. 65E-90	197. 9613
AKAP12	2. 390883	2. 671218	21. 98385	9. 72E-66	1. 06E-64	137. 5017
ZBTB2	1. 279772	2. 165012	29. 37654	1. 58E-92	4. 52E-91	199. 2793
RMND1	1. 085018	2. 76602	21. 67128	1. 49E-64	1. 59E-63	134. 7657
ARMT1	1. 638195	2. 460983	31. 03834	3. 69E-98	1. 40E-96	212. 2722
MYCT1	1. 134038	1. 457709	12. 72224	3. 04E-30	1. 51E-29	55. 80376
FBX05	1. 043461	1. 391453	23. 84567	9. 90E-73	1. 33E-71	153. 62
P11-475C16.	1. 0212	4. 325603	12. 17989	2. 93E-28	1. 39E-27	51. 25331
TIAM2	1. 103684	2. 030027	13. 98077	6. 12E-35	3. 33E-34	66. 59216
ZDHHC14	1. 441202	2. 420439	24. 16683	6. 38E-74	8. 96E-73	156. 3664
SNX9	1. 854852	4. 03977	28. 86708	9. 02E-91	2. 38E-89	195. 227
SYNJ2	1. 346329	2. 410589	25. 05016	3. 57E-77	5. 57E-76	163. 8637
GTF2H5	1. 118176	1. 556316	35. 0366	4. 27E-111	3. 46E-109	242. 1205

DYNLT1	2. 604803	5. 699796	36. 04312	3. 23E-114	3. 22E-112	249. 3252
SYTL3	1. 631933	1. 35864	24. 71676	5. 97E-76	8. 96E-75	161. 0438
EZR	3. 037555	6. 316541	34. 68672	5. 35E-110	4. 02E-108	239. 5872
RSPH3	1. 053456	1. 636176	23. 15518	3. 73E-70	4. 66E-69	147. 6802
TAGAP	1. 629071	1. 066198	22. 63595	3. 33E-68	3. 92E-67	143. 1834
RP11-13P5. 2	1. 334934	0. 655953	23. 98489	3. 01E-73	4. 13E-72	154. 8118
FNDC1	3. 430124	2. 059689	32. 54991	3. 76E-103	1. 88E-101	223. 79
ACAT2	1. 737397	2. 839522	23. 72047	2. 89E-72	3. 84E-71	152. 5465
MRPL18	1. 660435	4. 78895	27. 62431	1. 99E-86	4. 30E-85	185. 207
IGF2R	1. 459061	3. 681087	22. 01197	7. 60E-66	8. 36E-65	137. 7475
SLC22A3	2. 526496	1. 574403	29. 51215	5. 41E-93	1. 58E-91	200. 3526
RP3-428L16. 2	1. 361775	0. 869195	20. 89416	1. 38E-61	1. 35E-60	127. 931
AGPAT4	1. 178033	1. 478625	22. 17599	1. 82E-66	2. 04E-65	139. 1796
QKI	1. 485718	3. 25406	18. 10042	8. 39E-51	6. 32E-50	103. 09
SFT2D1	1. 076429	5. 00717	18. 27224	1. 81E-51	1. 38E-50	104. 6248
FAM103A2P	1. 896111	2. 078773	19. 05671	1. 65E-54	1. 36E-53	111. 6258
RNASSET2	2. 785434	5. 910637	33. 62344	1. 27E-106	7. 76E-105	231. 797
CCR6	1. 412309	0. 689429	21. 83416	3. 59E-65	3. 89E-64	136. 1924
SMOC2	1. 925929	3. 872792	18. 58862	1. 07E-52	8. 44E-52	107. 4499
RP11-417E7. 1	1. 326329	0. 666771	19. 32483	1. 51E-55	1. 28E-54	114. 0148
RP11-417E7. 2	1. 376286	0. 664579	18. 56585	1. 31E-52	1. 03E-51	107. 2467
THBS2	5. 140359	3. 93704	42. 01758	1. 07E-131	3. 63E-129	289. 6683
FLJ38122	-2. 92264	1. 933375	-36. 4572	1. 74E-115	1. 86E-113	252. 2537
PSMB1	1. 583483	6. 593559	22. 27447	7. 71E-67	8. 71E-66	140. 0384
FAM20C	2. 08283	4. 099047	26. 10544	5. 23E-81	9. 26E-80	172. 707
PRKAR1B	1. 908354	2. 676895	31. 38118	2. 65E-99	1. 06E-97	214. 9096
AC147651. 4	1. 17607	0. 802607	23. 09308	6. 38E-70	7. 89E-69	147. 1437
DNAAF5	1. 164358	3. 095498	21. 43341	1. 20E-63	1. 25E-62	132. 6783
SUN1	1. 011322	5. 252481	13. 50905	3. 64E-33	1. 92E-32	62. 51551
ADAP1	2. 646253	4. 151716	21. 78189	5. 68E-65	6. 10E-64	135. 7348
CYP2W1	1. 169297	0. 877889	12. 82913	1. 23E-30	6. 14E-30	56. 70828
ZFAND2A	1. 085776	4. 466524	9. 717089	1. 04E-19	4. 13E-19	31. 66405
MICALL2	2. 001337	4. 477673	18. 81554	1. 42E-53	1. 14E-52	109. 475
PSMG3	2. 206632	4. 477477	32. 93977	2. 03E-104	1. 09E-102	226. 7144
ELFN1-AS1	1. 022338	0. 496657	12. 64585	5. 81E-30	2. 86E-29	55. 15878
MAD1L1	2. 503841	3. 35077	33. 87009	2. 07E-107	1. 33E-105	233. 6165
FTSJ2	1. 790028	3. 290497	37. 42256	2. 07E-118	2. 63E-116	259. 0028
NUDT1	2. 769401	3. 474224	45. 93357	3. 00E-142	2. 39E-139	314. 0223
SNX8	2. 160542	3. 83908	31. 13242	1. 79E-98	6. 89E-97	212. 9974
IQCE	1. 41638	2. 753942	25. 44201	1. 33E-78	2. 17E-77	167. 1621
TTYH3	3. 294422	3. 793307	40. 43293	3. 13E-127	7. 01E-125	279. 3581
GNA12	1. 530518	3. 752411	22. 48904	1. 19E-67	1. 38E-66	141. 9066
CARD11	3. 812168	2. 466595	48. 73552	2. 12E-149	2. 73E-146	330. 5275
SDK1	-1. 13237	2. 445893	-10. 4793	2. 91E-22	1. 22E-21	37. 50596
AP5Z1	1. 062534	3. 854009	14. 99317	8. 62E-39	5. 08E-38	75. 4459
RNF216P1	1. 022544	2. 805507	22. 14882	2. 30E-66	2. 57E-65	138. 9426
WIPI2	1. 060423	4. 633547	18. 58916	1. 07E-52	8. 40E-52	107. 4547
TNRC18	1. 254915	4. 312858	16. 88344	4. 41E-46	3. 02E-45	92. 22053
ACTB	3. 737332	10. 01743	35. 51431	1. 39E-112	1. 22E-110	245. 5551
FSCN1	4. 049382	3. 681663	41. 73247	6. 66E-131	2. 02E-128	287. 8333
CCZ1	1. 827155	4. 776526	30. 41267	4. 67E-96	1. 60E-94	207. 421
PMS2	1. 182048	1. 748813	26. 31731	9. 02E-82	1. 64E-80	174. 467
AIMP2	1. 805758	3. 493638	30. 45997	3. 23E-96	1. 11E-94	207. 7894
EIF2AK1	1. 670293	4. 765429	28. 27425	1. 04E-88	2. 47E-87	190. 471

CYTH3	1. 763543	2. 862086	24. 61421	1. 42E-75	2. 11E-74	160. 174
FAM220A	1. 438722	2. 741099	29. 69596	1. 27E-93	3. 84E-92	201. 8036
RAC1	2. 784025	6. 722472	36. 40511	2. 51E-115	2. 65E-113	251. 8865
DAGLB	1. 33882	3. 005207	23. 98711	2. 96E-73	4. 05E-72	154. 8308
KDELR2	1. 89254	6. 072156	27. 30748	2. 63E-85	5. 42E-84	182. 6224
ZDHHC4	1. 04771	4. 999189	18. 40011	5. 77E-52	4. 47E-51	105. 7669
CCZ1B	1. 336861	4. 617381	18. 88882	7. 37E-54	5. 96E-53	110. 1287
C1GALT1	2. 525822	2. 824185	33. 18922	3. 17E-105	1. 79E-103	228. 5756
COL28A1	-1. 15055	1. 619345	-13. 3839	1. 07E-32	5. 58E-32	61. 43987
RP5-115904. 2	-1. 10368	1. 117062	-20. 6446	1. 25E-60	1. 20E-59	125. 727
RP5-115904. 1	-1. 68089	2. 935584	-18. 1506	5. 35E-51	4. 05E-50	103. 5386
RPA3	2. 179522	3. 76798	35. 61259	6. 88E-113	6. 18E-111	246. 2584
NDUFA4	1. 696499	5. 675238	27. 24057	4. 54E-85	9. 27E-84	182. 075
PHF14	1. 654213	3. 324996	30. 85673	1. 50E-97	5. 50E-96	210. 8691
TMEM106B	1. 773272	3. 275567	27. 82512	3. 90E-87	8. 65E-86	186. 839
SCIN	2. 546783	1. 667085	26. 47296	2. 49E-82	4. 62E-81	175. 7568
ARL4A	2. 668286	3. 110921	40. 54952	1. 45E-127	3. 33E-125	280. 126
ETV1	2. 461614	1. 877627	32. 85388	3. 85E-104	2. 04E-102	226. 0717
AGMO	1. 605025	0. 80614	18. 89505	6. 97E-54	5. 64E-53	110. 1843
SOSTDC1	1. 064116	0. 601442	11. 60091	3. 54E-26	1. 61E-25	46. 47645
ANKMY2	1. 19348	2. 881082	22. 74196	1. 33E-68	1. 58E-67	144. 1036
BZW2	1. 537423	4. 547995	23. 07596	7. 40E-70	9. 14E-69	146. 9957
AGR2	6. 130171	5. 44776	42. 73346	1. 12E-133	4. 39E-131	294. 238
AGR3	4. 400966	3. 567324	33. 29188	1. 48E-105	8. 54E-104	229. 3393
AHR	3. 324403	3. 280803	39. 18681	1. 24E-123	2. 14E-121	271. 0568
AC019117. 2	1. 270078	1. 303688	14. 28166	4. 45E-36	2. 47E-35	69. 21007
HDAC9	1. 806986	1. 399976	25. 91736	2. 50E-80	4. 32E-79	171. 1401
TWIST1	2. 460211	1. 497504	27. 39647	1. 27E-85	2. 66E-84	183. 3496
TWISTNB	1. 281104	2. 156883	27. 27094	3. 54E-85	7. 26E-84	182. 3235
MACC1	1. 803042	2. 033286	24. 35695	1. 26E-74	1. 81E-73	157. 9871
ITGB8	1. 562493	2. 390572	18. 0938	8. 90E-51	6. 70E-50	103. 0308
EEF1A1P6	1. 589852	3. 679351	22. 61105	4. 14E-68	4. 85E-67	142. 9671
IL6	1. 443916	1. 455364	10. 76294	3. 09E-23	1. 32E-22	39. 73544
TOMM7	1. 044701	8. 364117	12. 40858	4. 30E-29	2. 08E-28	53. 1637
KLHL7	1. 505654	2. 915459	28. 61615	6. 69E-90	1. 70E-88	193. 2192
NUPL2	1. 138278	3. 794753	19. 57831	1. 59E-56	1. 37E-55	116. 2708
GPNMB	3. 793872	4. 440238	32. 17805	6. 18E-102	2. 87E-100	220. 983
MALSU1	1. 291683	4. 451507	22. 10715	3. 31E-66	3. 68E-65	138. 5788
IGF2BP3	1. 538177	1. 223728	14. 85772	2. 84E-38	1. 66E-37	74. 25436
DFNA5	2. 096589	2. 117918	28. 49588	1. 75E-89	4. 34E-88	192. 254
OSBPL3	2. 550323	2. 533809	37. 66274	3. 94E-119	5. 26E-117	260. 6649
CYCS	2. 31072	4. 687815	32. 61443	2. 31E-103	1. 17E-101	224. 2753
TD-2227E11.	-2. 64684	2. 693883	-27. 1111	1. 31E-84	2. 63E-83	181. 0142
NFE2L3	1. 740891	3. 475935	23. 61224	7. 32E-72	9. 56E-71	151. 6173
HNRNPA2B1	1. 226654	8. 044922	14. 59951	2. 75E-37	1. 57E-36	71. 98847
CBX3	1. 905147	5. 663824	27. 8563	3. 03E-87	6. 76E-86	187. 0919
SNX10	1. 444944	2. 500872	15. 27074	7. 44E-40	4. 48E-39	77. 89325
SKAP2	2. 969515	2. 853991	44. 15058	1. 58E-137	8. 08E-135	303. 1266
HOTAIRM1	1. 666062	2. 234045	18. 51227	2. 12E-52	1. 66E-51	106. 7683
HOXA3	2. 024453	1. 365164	29. 98794	1. 28E-94	4. 10E-93	204. 0998
HOXA-AS2	2. 237049	1. 977538	27. 80701	4. 52E-87	9. 99E-86	186. 6919
HOXA4	1. 323511	1. 426511	21. 3832	1. 87E-63	1. 93E-62	132. 2372
HOXA5	1. 442089	1. 368701	22. 05712	5. 13E-66	5. 66E-65	138. 1419
HOXA10	2. 080921	1. 05058	20. 46099	6. 33E-60	5. 93E-59	124. 1034

HOXA13	1. 111662	0. 536761	14. 21621	7. 87E-36	4. 35E-35	68. 63954
HIBADH	1. 409386	3. 992142	25. 08893	2. 58E-77	4. 04E-76	164. 1908
TAX1BP1	1. 930647	5. 129986	29. 71813	1. 07E-93	3. 24E-92	201. 9783
JAZF1	1. 570355	2. 417806	24. 91587	1. 11E-76	1. 71E-75	162. 7293
TRIL	1. 166613	0. 834612	22. 7467	1. 28E-68	1. 52E-67	144. 1447
CPVL	3. 012097	3. 339657	29. 53688	4. 45E-93	1. 31E-91	200. 5481
PRR15	3. 479463	2. 749007	41. 31456	9. 90E-130	2. 76E-127	285. 1278
SCRN1	1. 11491	3. 713522	14. 7824	5. 52E-38	3. 20E-37	73. 59261
ZNRF2	1. 100923	2. 469439	21. 89215	2. 16E-65	2. 36E-64	136. 6998
NOD1	1. 397962	1. 987249	24. 49083	4. 05E-75	5. 92E-74	159. 126
GS1-114I9. 1	1. 611738	2. 253233	22. 64038	3. 21E-68	3. 77E-67	143. 2219
GGCT	1. 84536	4. 535	30. 5745	1. 33E-96	4. 66E-95	208. 6805
GARS	1. 60714	5. 408224	22. 07938	4. 22E-66	4. 67E-65	138. 3364
INMT	1. 227662	2. 870587	12. 92012	5. 67E-31	2. 85E-30	57. 48021
FAM188B	1. 274619	1. 933057	27. 48348	6. 26E-86	1. 32E-84	184. 0596
LSM5	1. 115698	4. 974799	18. 09065	9. 15E-51	6. 88E-50	103. 0026
AVL9	1. 560528	3. 135249	28. 82594	1. 25E-90	3. 28E-89	194. 8983
KBTBD2	1. 685526	3. 324672	29. 5451	4. 17E-93	1. 23E-91	200. 613
FKBP9	2. 089439	5. 125548	28. 57897	9. 01E-90	2. 26E-88	192. 921
NT5C3A	1. 460607	4. 1467	20. 57978	2. 21E-60	2. 10E-59	125. 1543
BBS9	1. 362478	2. 016267	25. 20909	9. 38E-78	1. 50E-76	165. 2035
NPSR1	1. 543752	0. 741984	11. 80467	6. 61E-27	3. 05E-26	48. 14733
DPY19L1	2. 105767	2. 618682	32. 66386	1. 60E-103	8. 22E-102	224. 6468
7-Sep	2. 512897	5. 089573	36. 31713	4. 66E-115	4. 86E-113	251. 2654
EEPDI	1. 74637	4. 017829	21. 78298	5. 62E-65	6. 04E-64	135. 7443
ANLN	2. 861193	1. 632832	37. 60307	5. 94E-119	7. 86E-117	260. 2526
AOAH	1. 864167	1. 774905	21. 67759	1. 41E-64	1. 50E-63	134. 8209
AC007349. 4	-1. 10907	0. 717529	-23. 798	1. 49E-72	2. 00E-71	153. 2113
ELMO1	1. 623465	2. 688827	18. 39327	6. 13E-52	4. 75E-51	105. 7058
EPDR1	1. 785329	3. 0675	21. 1745	1. 17E-62	1. 18E-61	130. 4016
SFRP4	5. 010091	3. 68403	36. 80816	1. 48E-116	1. 69E-114	254. 7202
STARD3NL	1. 651378	3. 66089	28. 15418	2. 73E-88	6. 37E-87	189. 5024
TRGC2	1. 028317	0. 797657	15. 81577	5. 95E-42	3. 73E-41	82. 71782
VPS41	1. 305213	3. 845178	19. 8833	1. 06E-57	9. 38E-57	118. 9817
YAE1D1	1. 095486	3. 218278	20. 88354	1. 52E-61	1. 48E-60	127. 8374
RALA	2. 619756	3. 71103	42. 5622	3. 31E-133	1. 24E-130	293. 1497
SUGCT	3. 500426	2. 333136	34. 10087	3. 81E-108	2. 56E-106	235. 3121
INHBA	4. 095145	2. 159647	39. 63203	6. 29E-125	1. 19E-122	274. 0426
GLI3	1. 142788	0. 964437	19. 10725	1. 05E-54	8. 70E-54	112. 0763
PSMA2	1. 507399	2. 717866	32. 98383	1. 46E-104	7. 95E-103	227. 0436
STK17A	1. 497418	3. 301274	21. 06199	3. 15E-62	3. 14E-61	129. 4107
BLVRA	2. 278507	4. 314333	35. 5944	7. 84E-113	7. 00E-111	246. 1283
URGCP	1. 077783	3. 647607	20. 54525	3. 00E-60	2. 84E-59	124. 8489
DBNL	2. 176463	5. 282691	33. 34332	1. 01E-105	5. 88E-104	229. 7215
AEBP1	4. 337089	5. 849762	36. 35231	3. 63E-115	3. 80E-113	251. 5139
NUDCD3	1. 81087	4. 657147	28. 23082	1. 47E-88	3. 48E-87	190. 1208
NPC1L1	2. 516889	1. 536968	24. 09993	1. 13E-73	1. 57E-72	155. 7951
DDX56	1. 334448	5. 068358	20. 04912	2. 43E-58	2. 19E-57	120. 4537
TMED4	1. 01098	5. 264234	17. 07513	7. 97E-47	5. 54E-46	93. 9312
OGDH	1. 829591	4. 360215	29. 79776	5. 71E-94	1. 76E-92	202. 6054
PPIA	2. 203122	9. 439839	24. 0113	2. 40E-73	3. 30E-72	155. 0377
H2AFV	2. 034985	5. 708025	32. 72858	9. 84E-104	5. 11E-102	225. 1326
PURB	1. 216719	2. 519307	25. 85136	4. 33E-80	7. 44E-79	170. 5894
MYO1G	1. 764998	1. 416413	24. 07006	1. 46E-73	2. 02E-72	155. 54

SNHG15	1.313187	3.886013	17.56504	1.00E-48	7.23E-48	98.30661
CCM2	1.728564	4.380743	28.21093	1.73E-88	4.07E-87	189.9604
NACAD	1.02891	0.995405	16.34798	5.23E-44	3.42E-43	87.44803
TBRG4	1.372641	4.54103	21.67796	1.41E-64	1.50E-63	134.8242
RAMP3	1.376005	3.583177	15.27913	6.91E-40	4.16E-39	77.96737
IGFBP1	1.421889	0.7683	13.54004	2.79E-33	1.47E-32	62.78224
IGFBP3	5.543404	5.11963	46.88282	1.04E-144	9.43E-142	319.6966
AC004870.4	1.258546	0.945222	12.89972	6.74E-31	3.39E-30	57.30705
HUS1	1.026911	2.746484	20.07241	1.98E-58	1.78E-57	120.6603
UPP1	2.569253	3.922236	29.6977	1.25E-93	3.79E-92	201.8173
IKZF1	1.565153	1.196016	18.63926	6.82E-53	5.39E-52	107.9019
FIGNL1	1.006387	1.476895	21.67118	1.50E-64	1.59E-63	134.7648
GRB10	-1.2678	5.002762	-14.5966	2.82E-37	1.61E-36	71.96296
VOPP1	2.73642	4.451237	43.73609	2.06E-136	9.91E-134	300.5481
MRPS17	1.115653	3.05837	23.01233	1.28E-69	1.57E-68	146.4455
CCT6A	1.378957	6.037493	19.17791	5.60E-55	4.66E-54	112.706
SUMF2	1.238985	6.180632	17.71158	2.71E-49	1.98E-48	99.61589
CHCHD2	1.329099	7.419867	16.58079	6.57E-45	4.38E-44	89.52166
ERV3-1	1.134981	2.509125	10.49287	2.61E-22	1.09E-21	37.61206
VKORC1L1	1.660727	2.892113	32.26036	3.32E-102	1.57E-100	221.6058
GUSB	1.53681	4.975407	26.14501	3.77E-81	6.70E-80	173.0361
ASL	1.529795	4.949465	19.4829	3.71E-56	3.18E-55	115.4219
CRCP	1.253147	3.423785	22.11003	3.23E-66	3.59E-65	138.6039
TPST1	1.809274	2.891748	24.23239	3.65E-74	5.16E-73	156.9257
RP4-756H11.5	1.763349	3.29533	26.39732	4.65E-82	8.56E-81	175.1304
RPL35P5	1.812871	2.299667	22.92988	2.61E-69	3.17E-68	145.7321
TMEM248	1.585735	4.866084	27.00016	3.25E-84	6.45E-83	180.1037
SBDS	1.361462	5.498041	18.95293	4.16E-54	3.38E-53	110.7005
TYW1	1.132032	2.6853	24.42248	7.24E-75	1.05E-73	158.5448
PMS2P4	1.305355	1.498909	27.80264	4.68E-87	1.03E-85	186.6565
P11-313P13.	1.15398	2.118103	20.98524	6.19E-62	6.12E-61	128.7343
GTF2IP4	1.129384	4.851557	13.666	9.39E-34	4.99E-33	63.8679
NCF1B	1.386947	1.031477	16.80238	9.10E-46	6.18E-45	91.49738
TRIM50	-3.02582	2.10447	-33.1726	3.58E-105	2.02E-103	228.4515
BAZ1B	1.526425	3.501264	26.27843	1.25E-81	2.25E-80	174.1445
BCL7B	1.828525	4.571253	31.60874	4.66E-100	1.95E-98	216.6521
WBSCR22	1.880478	5.453641	30.91273	9.71E-98	3.60E-96	211.3022
STX1A	2.120343	3.759406	19.51927	2.68E-56	2.30E-55	115.7456
ABHD11-AS1	2.619917	2.358038	22.38234	3.02E-67	3.45E-66	140.9781
ABHD11	1.019566	4.918986	11.96974	1.68E-27	7.90E-27	49.50922
CLDN4	2.776559	6.644368	24.47322	4.71E-75	6.86E-74	158.9763
LIMK1	2.268188	3.458468	35.10644	2.59E-111	2.11E-109	242.6243
LAT2	2.143012	2.444465	24.42573	7.04E-75	1.02E-73	158.5724
RFC2	1.566373	3.372526	24.38231	1.02E-74	1.47E-73	158.2029
CLIP2	1.330368	3.500806	20.98766	6.06E-62	5.99E-61	128.7556
GTF2IRD1	2.112331	3.478887	28.01206	8.60E-88	1.96E-86	188.3537
NCF1	2.175275	1.866131	22.39171	2.78E-67	3.18E-66	141.0597
WBSCR16	1.313561	4.164322	24.38861	9.66E-75	1.39E-73	158.2566
NCF1C	1.718545	1.205188	21.3274	3.05E-63	3.13E-62	131.7468
NSUN5P1	-1.06161	4.508329	-11.676	1.91E-26	8.74E-26	47.09055
HIP1	1.871124	2.208034	30.10666	5.08E-95	1.65E-93	205.0304
CCL26	1.789247	1.067697	22.40292	2.52E-67	2.89E-66	141.1573
CCL24	2.5441	1.276292	22.16986	1.92E-66	2.14E-65	139.1262
RHBDD2	2.215025	5.421352	32.1842	5.90E-102	2.74E-100	221.0296

POR	1.98829	5.371968	19.51912	2.69E-56	2.31E-55	115.7442
STYXL1	1.47867	4.75041	22.83317	6.03E-69	7.25E-68	144.8944
MDH2	1.31819	6.223044	18.23816	2.45E-51	1.87E-50	104.3204
SRRM3	1.017301	1.705745	14.66177	1.59E-37	9.15E-37	72.53409
HSPB1	2.194017	8.741623	15.92348	2.28E-42	1.45E-41	83.67377
YWHAG	2.273131	4.762085	32.32192	2.09E-102	1.00E-100	222.0711
ZP3	1.399587	2.434087	15.82116	5.67E-42	3.56E-41	82.76563
DTX2	2.025567	3.801914	26.84691	1.14E-83	2.22E-82	178.8435
UPK3B	1.581223	1.390596	11.57548	4.36E-26	1.98E-25	46.26873
FGL2	2.158163	1.905264	22.68228	2.23E-68	2.64E-67	143.5856
PTPN12	2.053942	4.267128	26.51471	1.76E-82	3.29E-81	176.1022
APTR	1.017142	3.751607	14.34607	2.53E-36	1.42E-35	69.77199
TMEM60	1.261145	3.538317	25.09609	2.43E-77	3.81E-76	164.2511
PHTF2	1.622467	2.176247	26.58799	9.63E-83	1.82E-81	176.708
MAG12-AS3	1.386348	2.463905	15.85378	4.24E-42	2.67E-41	83.05508
GNAI1	2.046682	2.468959	26.39974	4.56E-82	8.40E-81	175.1504
SEMA3C	3.733178	2.324409	31.14797	1.59E-98	6.13E-97	213.1172
HGF	1.158007	1.170967	16.96745	2.08E-46	1.44E-45	92.97013
CACNA2D1	1.291972	1.038208	21.17655	1.15E-62	1.16E-61	130.4196
SEMA3A	1.35018	0.74381	20.86053	1.86E-61	1.81E-60	127.6343
TP53TG1	2.479042	3.782736	40.55788	1.38E-127	3.17E-125	280.181
TP53TG1_2	1.517301	1.574221	9.872553	3.19E-20	1.28E-19	32.83695
CROT	1.281321	2.311585	25.45611	1.18E-78	1.93E-77	167.2805
ABCB4	1.119526	0.655342	20.96644	7.30E-62	7.21E-61	128.5685
ABCB1	1.612078	1.898838	17.97203	2.64E-50	1.97E-49	101.9429
SLC25A40	1.133177	2.56301	18.98864	3.03E-54	2.47E-53	111.0189
DBF4	1.167167	1.92609	23.7371	2.51E-72	3.34E-71	152.6892
ADAM22	1.295181	0.967251	21.854	3.02E-65	3.27E-64	136.366
SRI	2.262338	6.176483	28.4051	3.63E-89	8.85E-88	191.5244
STEAP1	2.826268	3.121833	32.65667	1.69E-103	8.64E-102	224.5927
STEAP2	1.720912	2.602865	23.63702	5.92E-72	7.74E-71	151.8301
GTPBP10	1.299818	2.802156	23.27085	1.38E-70	1.74E-69	148.6785
CLDN12	1.607379	3.778265	21.29836	3.94E-63	4.02E-62	131.4914
CDK14	1.344283	2.612432	16.80156	9.16E-46	6.23E-45	91.49007
FZD1	1.68885	2.235852	24.12428	9.17E-74	1.28E-72	156.0031
CYP51A1	1.808177	4.275031	23.78126	1.72E-72	2.30E-71	153.0679
CDK6	1.41386	2.188754	23.75804	2.10E-72	2.79E-71	152.8688
SAMD9	2.767077	1.953508	37.62196	5.21E-119	6.92E-117	260.3831
SAMD9L	2.147355	2.142244	28.82048	1.31E-90	3.43E-89	194.8547
GNG11	1.652681	2.807228	21.74935	7.55E-65	8.08E-64	135.4498
COL1A2	5.811973	7.098357	41.87416	2.68E-131	8.53E-129	288.7464
SGCE	1.55488	3.547916	19.76709	2.97E-57	2.61E-56	117.9493
PON2	2.018618	5.016464	26.36828	5.92E-82	1.08E-80	174.8897
PDK4	-1.41936	5.27326	-8.19881	6.08E-15	2.15E-14	20.78599
SLC25A13	1.331719	3.011523	24.06041	1.58E-73	2.19E-72	155.4575
SHFM1	2.74207	6.53881	35.71513	3.31E-113	3.05E-111	246.9908
SDHAF3	1.337157	3.153764	23.63636	5.95E-72	7.78E-71	151.8244
BHLHA15	-5.38344	4.091218	-36.9798	4.47E-117	5.21E-115	255.9213
TECPR1	-1.43791	4.231452	-16.5161	1.17E-44	7.75E-44	88.94565
BRI3	1.258925	7.079607	15.76182	9.60E-42	5.99E-41	82.23932
BAIAP2L1	1.692132	4.456544	18.14	5.89E-51	4.45E-50	103.4435
TMEM130	1.769065	1.162747	23.70049	3.43E-72	4.54E-71	152.375
TRRAP	1.008615	2.448498	18.74339	2.69E-53	2.15E-52	108.8312
SMURF1	1.592947	3.466542	20.3264	2.08E-59	1.92E-58	122.9118

KPNA7	1.42408	0.743279	22.78917	8.83E-69	1.06E-67	144.513
MYH16	1.105216	0.53799	14.42656	1.25E-36	7.05E-36	70.47504
ARPC1A	2.099967	5.775844	28.3865	4.22E-89	1.02E-87	191.3748
ARPC1B	3.62029	6.400005	41.84248	3.28E-131	1.03E-128	288.5424
PDAP1	1.739369	5.901204	24.60206	1.58E-75	2.33E-74	160.0708
BUD31	2.168402	5.497709	31.67044	2.91E-100	1.23E-98	217.1235
ATP5J2-PTCD1	1.377208	1.524062	28.20335	1.84E-88	4.32E-87	189.8993
ATP5J2	2.267903	7.706517	29.11789	1.23E-91	3.39E-90	197.2261
ZNF394	1.648426	3.2072	31.03652	3.74E-98	1.42E-96	212.2582
ZKSCAN5	1.26056	1.618997	31.07371	2.81E-98	1.07E-96	212.545
FAM200A	1.052064	1.703505	25.03415	4.09E-77	6.36E-76	163.7285
CYP3A4	-1.71021	1.546289	-8.79819	9.08E-17	3.35E-16	24.94772
CYP3A43	-1.56488	0.855661	-12.0202	1.11E-27	5.21E-27	49.92689
GJC3	-1.61046	1.388463	-24.1071	1.06E-73	1.48E-72	155.8562
AZGP1	-2.09677	6.803887	-14.4764	8.09E-37	4.57E-36	70.91063
COPS6	1.74554	5.730826	28.28761	9.34E-89	2.23E-87	190.5786
AP4M1	1.017898	3.68807	16.89022	4.15E-46	2.84E-45	92.28101
TAF6	1.468513	4.270703	23.03596	1.04E-69	1.28E-68	146.6499
CNPY4	2.30652	2.71402	34.18297	2.09E-108	1.43E-106	235.9137
LAMTOR4	1.903839	6.464059	26.22037	2.01E-81	3.62E-80	173.6624
GAL3ST4	2.216298	1.698818	31.68374	2.63E-100	1.12E-98	217.225
SPDYE3	1.109083	1.13403	29.50484	5.73E-93	1.68E-91	200.2948
PMS2P1	1.70861	1.779558	37.78992	1.64E-119	2.23E-117	261.5423
STAG3L5P	-1.2759	3.958392	-14.0723	2.76E-35	1.51E-34	67.38735
PILRB	-1.13161	4.292739	-11.1001	2.08E-24	9.11E-24	42.42089
PILRA	1.718128	2.510901	18.06677	1.13E-50	8.51E-50	102.7894
MEPCE	1.495489	3.905062	25.62571	2.85E-79	4.78E-78	168.7025
PPP1R35	1.164657	4.250851	15.12117	2.79E-39	1.66E-38	76.57362
TSC22D4	1.560872	4.577956	21.83668	3.52E-65	3.80E-64	136.2144
AGFG2	1.149951	4.172884	13.7662	3.94E-34	2.11E-33	64.73349
PCOLCE	2.461532	5.339535	23.38803	5.02E-71	6.41E-70	149.6885
MOSPD3	1.467684	3.819304	23.85485	9.15E-73	1.23E-71	153.6986
GNB2	1.760355	6.944284	22.02982	6.51E-66	7.17E-65	137.9034
POP7	1.395138	4.227053	23.40548	4.32E-71	5.53E-70	149.8387
EPO	-1.57108	1.018996	-28.4424	2.69E-89	6.60E-88	191.824
EPHB4	1.739552	4.446255	24.63978	1.15E-75	1.71E-74	160.3909
SLC12A9	1.388015	3.814827	22.16514	2.00E-66	2.23E-65	139.0849
TRIP6	1.572209	5.166421	19.699	5.43E-57	4.74E-56	117.3441
ACHE	1.759241	2.200407	15.65079	2.57E-41	1.59E-40	81.25505
MUC3A	4.004327	2.906801	29.3516	1.92E-92	5.48E-91	199.0817
MUC12	2.406693	1.317472	33.84931	2.41E-107	1.53E-105	233.4635
RP11-395B7.4	2.912158	1.491386	34.01179	7.32E-108	4.82E-106	234.6584
MUC17	2.224922	1.070607	15.91564	2.45E-42	1.55E-41	83.60416
RN7SKP54	3.3911	1.633344	18.31339	1.25E-51	9.62E-51	104.9924
TRIM56	1.243318	2.769737	21.49851	6.80E-64	7.08E-63	133.2501
SERPINE1	3.696324	4.590957	24.89239	1.35E-76	2.07E-75	162.5308
AP1S1	2.309385	4.683302	36.38402	2.91E-115	3.06E-113	251.7378
PLOD3	1.822267	5.174728	25.5526	5.25E-79	8.72E-78	168.0899
ZNHIT1	1.973509	5.332879	29.8466	3.89E-94	1.21E-92	202.9896
FIS1	1.254735	6.807766	17.86441	6.91E-50	5.11E-49	100.9814
IFT22	1.666418	3.845732	29.66393	1.64E-93	4.92E-92	201.5511
CUX1	1.699228	4.873743	29.00091	3.11E-91	8.42E-90	196.2946
SH2B2	1.197306	1.410033	22.80748	7.53E-69	9.02E-68	144.6717
ORAI2	1.925504	2.549292	30.15707	3.42E-95	1.12E-93	205.425

ALKBH4	1. 274457	2. 486651	28. 56439	1. 01E-89	2. 53E-88	192. 804
LRWD1	1. 217971	2. 91252	23. 22883	1. 98E-70	2. 49E-69	148. 3159
POLR2J	1. 644699	5. 27426	26. 86315	1. 00E-83	1. 95E-82	178. 9772
POLR2J2	1. 367644	2. 748487	11. 82906	5. 40E-27	2. 50E-26	48. 34814
LRRC17	1. 556593	1. 788203	16. 02323	9. 41E-43	6. 00E-42	84. 55978
ARMC10	1. 417035	4. 173302	23. 17543	3. 13E-70	3. 92E-69	147. 855
NAPEPLD	1. 268698	2. 449155	22. 67855	2. 30E-68	2. 72E-67	143. 5533
DNAJC2	1. 193711	3. 715571	21. 27152	4. 99E-63	5. 08E-62	131. 2553
PSMC2	1. 96923	4. 468674	32. 08955	1. 21E-101	5. 50E-100	220. 3125
SRPK2	1. 238312	3. 14417	21. 63377	2. 08E-64	2. 20E-63	134. 4368
ATXN7L1	1. 09877	1. 75914	24. 15331	7. 16E-74	1. 00E-72	156. 2509
SYPL1	1. 907642	5. 308309	26. 96402	4. 37E-84	8. 63E-83	179. 8068
NAMPT	1. 838475	4. 941723	15. 72102	1. 38E-41	8. 58E-41	81. 87748
CCDC71L	2. 009475	2. 946375	31. 00537	4. 75E-98	1. 80E-96	212. 0178
RP5-884M6. 1	1. 347103	0. 644191	18. 64409	6. 54E-53	5. 17E-52	107. 9451
PIK3CG	1. 087819	0. 665917	20. 29184	2. 83E-59	2. 60E-58	122. 6057
HBP1	1. 028362	4. 459871	15. 55471	6. 02E-41	3. 69E-40	80. 4041
DUS4L	1. 042034	1. 895267	23. 26684	1. 43E-70	1. 80E-69	148. 6439
BCAP29	1. 717301	3. 937952	28. 43347	2. 89E-89	7. 08E-88	191. 7526
DLD	1. 137959	4. 493279	18. 3692	7. 60E-52	5. 88E-51	105. 4908
LAMB1	1. 387749	5. 996543	14. 15664	1. 32E-35	7. 29E-35	68. 12079
NRCAM	-1. 45281	3. 014422	-16. 2587	1. 16E-43	7. 52E-43	86. 6535
PNPLA8	1. 438354	2. 993705	22. 46847	1. 43E-67	1. 65E-66	141. 7277
IMMP2L	1. 024479	3. 02493	18. 88036	7. 94E-54	6. 43E-53	110. 0532
ZNF277	1. 082178	3. 445797	18. 3177	1. 20E-51	9. 27E-51	105. 0308
IFRD1	-1. 34758	5. 095787	-16. 7429	1. 55E-45	1. 05E-44	90. 96711
LSMEM1	-1. 22707	1. 728067	-19. 2721	2. 42E-55	2. 03E-54	113. 5449
TMEM168	1. 259121	2. 464772	17. 11469	5. 60E-47	3. 90E-46	94. 28443
C7orf60	1. 121893	1. 642344	27. 99506	9. 87E-88	2. 24E-86	188. 2161
LINC00998	1. 866962	4. 308887	31. 98394	2. 69E-101	1. 20E-99	219. 5109
MDFIC	2. 273733	2. 434813	31. 46018	1. 45E-99	5. 89E-98	215. 5154
TFEC	1. 06748	0. 898397	17. 49234	1. 92E-48	1. 38E-47	97. 65711
TES	2. 261639	4. 355471	30. 55131	1. 59E-96	5. 54E-95	208. 5002
CAV2	2. 277069	4. 498785	23. 67386	4. 31E-72	5. 68E-71	152. 1465
CAV1	2. 76258	3. 990278	25. 11174	2. 13E-77	3. 35E-76	164. 3832
MET	2. 997087	3. 166879	32. 42467	9. 63E-103	4. 68E-101	222. 8466
CAPZA2	2. 159975	4. 864908	26. 73641	2. 83E-83	5. 44E-82	177. 9331
WNT2	2. 753853	1. 370293	31. 65112	3. 37E-100	1. 43E-98	216. 9759
LSM8	1. 985895	4. 221823	34. 44528	3. 09E-109	2. 23E-107	237. 8304
KCND2	1. 091135	0. 633642	20. 93399	9. 72E-62	9. 56E-61	128. 2823
CPED1	1. 789224	1. 451048	22. 29629	6. 38E-67	7. 22E-66	140. 2285
FAM3C	1. 492268	5. 275234	18. 20542	3. 28E-51	2. 50E-50	104. 0279
AASS	-1. 47911	2. 702235	-15. 6237	3. 27E-41	2. 02E-40	81. 01495
FEZF1-AS1	1. 452855	0. 722347	15. 59962	4. 05E-41	2. 49E-40	80. 8018
NDUFA5	1. 394806	4. 778754	23. 40817	4. 22E-71	5. 41E-70	149. 862
WASL	1. 792928	3. 558973	29. 73237	9. 55E-94	2. 90E-92	202. 0905
POT1	1. 502926	2. 70374	27. 4293	9. 73E-86	2. 05E-84	183. 6176
GCC1	1. 422126	2. 396648	30. 83254	1. 80E-97	6. 61E-96	210. 682
ARF5	1. 322495	6. 817801	18. 35355	8. 74E-52	6. 75E-51	105. 351
HILPDA	1. 603888	3. 016419	15. 19145	1. 50E-39	8. 96E-39	77. 19345
METTL2B	1. 047127	2. 685083	22. 42921	2. 01E-67	2. 31E-66	141. 3861
CALU	2. 325793	5. 079267	28. 13492	3. 19E-88	7. 42E-87	189. 3469
FLNC	2. 110795	1. 414104	22. 88852	3. 74E-69	4. 52E-68	145. 374
KCP	1. 938135	1. 09758	24. 44598	5. 93E-75	8. 62E-74	158. 7447

ATP6V1F	2. 503675	6. 251185	37. 59738	6. 18E-119	8. 16E-117	260. 2132
P11-309L24.	1. 147281	0. 763982	17. 99308	2. 19E-50	1. 64E-49	102. 131
IRF5	1. 317331	2. 721588	19. 72368	4. 36E-57	3. 82E-56	117. 5634
TNPO3	1. 429294	3. 384684	25. 50247	8. 00E-79	1. 32E-77	167. 6695
SMO	1. 164659	2. 373715	16. 6815	2. 67E-45	1. 80E-44	90. 4194
AHCYL2	1. 780599	3. 330757	19. 34721	1. 24E-55	1. 05E-54	114. 2141
STRIP2	1. 053665	0. 829568	18. 30196	1. 39E-51	1. 06E-50	104. 8903
UBE2H	1. 271731	4. 827928	18. 66201	5. 57E-53	4. 41E-52	108. 105
ZC3HC1	1. 17744	2. 598599	26. 53712	1. 47E-82	2. 74E-81	176. 2875
CPA2	-7. 71424	8. 741777	-22. 3219	5. 10E-67	5. 80E-66	140. 4521
CPA4	-2. 35298	1. 887654	-25. 324	3. 57E-78	5. 78E-77	166. 1702
CPA1	-8. 79506	10. 48701	-21. 8631	2. 79E-65	3. 03E-64	136. 4457
CEP41	1. 368317	2. 128154	25. 19512	1. 05E-77	1. 68E-76	165. 0858
MEST	1. 378846	4. 288092	18. 39479	6. 05E-52	4. 69E-51	105. 7193
COPG2	1. 473228	3. 007108	18. 2621	1. 98E-51	1. 51E-50	104. 5343
MKLN1	1. 323052	2. 906497	25. 56923	4. 57E-79	7. 60E-78	168. 2293
MKLN1-AS	1. 020363	1. 189894	20. 59721	1. 90E-60	1. 81E-59	125. 3083
CHCHD3	1. 885975	4. 101864	33. 4192	5. 75E-106	3. 41E-104	230. 2847
EXOC4	1. 197022	3. 968928	21. 78587	5. 48E-65	5. 90E-64	135. 7696
SLC35B4	1. 125707	1. 679286	27. 74926	7. 22E-87	1. 58E-85	186. 223
RP11-38M8. 1	1. 430833	0. 84241	26. 25885	1. 46E-81	2. 64E-80	173. 9819
AKR1B1	1. 704655	4. 830971	23. 1528	3. 81E-70	4. 75E-69	147. 6597
AKR1B10	4. 02461	2. 428724	25. 19368	1. 07E-77	1. 70E-76	165. 0737
BPGM	2. 055133	2. 953051	33. 63266	1. 19E-106	7. 27E-105	231. 8651
CALD1	3. 029624	5. 284774	27. 08476	1. 62E-84	3. 25E-83	180. 7982
C7orf49	1. 20664	4. 089672	19. 9059	8. 65E-58	7. 69E-57	119. 1824
TMEM140	1. 827828	3. 174995	27. 72316	8. 92E-87	1. 95E-85	186. 011
CNOT4	1. 13424	2. 418958	25. 52386	6. 68E-79	1. 11E-77	167. 8489
NUP205	1. 375145	3. 504762	25. 41906	1. 61E-78	2. 63E-77	166. 9694
C7orf73	1. 89536	3. 760768	35. 88535	9. 88E-114	9. 41E-112	248. 2039
FAM180A	1. 206011	0. 978001	18. 54657	1. 56E-52	1. 22E-51	107. 0746
MTPN	2. 626398	4. 239703	38. 3427	3. 73E-121	5. 69E-119	265. 3342
LUZP6	2. 282861	2. 696595	13. 81067	2. 68E-34	1. 44E-33	65. 1181
PTN	1. 29636	1. 748935	10. 89883	1. 05E-23	4. 52E-23	40. 81332
RPL41	1. 500229	11. 22305	13. 89701	1. 27E-34	6. 86E-34	65. 86575
CREB3L2	1. 194743	3. 363721	20. 13103	1. 17E-58	1. 07E-57	121. 1802
ZC3HAV1	1. 784686	2. 722051	33. 82969	2. 79E-107	1. 77E-105	233. 319
TTC26	1. 029456	1. 189166	23. 95615	3. 85E-73	5. 25E-72	154. 5659
TBXAS1	3. 154362	2. 748272	38. 15837	1. 31E-120	1. 92E-118	264. 0737
PARP12	1. 464017	4. 296413	20. 17919	7. 67E-59	6. 99E-58	121. 6073
JHDM1D-AS1	1. 355119	1. 265748	26. 69058	4. 13E-83	7. 90E-82	177. 5551
MKRN1	1. 169889	5. 174563	17. 79723	1. 26E-49	9. 27E-49	100. 3811
DENND2A	1. 308706	1. 373436	23. 70988	3. 17E-72	4. 20E-71	152. 4557
ADCK2	1. 705763	3. 356444	31. 40404	2. 23E-99	8. 98E-98	215. 085
NDUFB2	2. 005757	6. 767701	27. 98654	1. 06E-87	2. 40E-86	188. 1471
AGK	1. 003496	2. 875862	19. 02928	2. 11E-54	1. 73E-53	111. 3813
SSBP1	1. 804553	5. 929208	26. 26749	1. 36E-81	2. 46E-80	174. 0536
CLEC5A	1. 328028	1. 352942	17. 39063	4. 76E-48	3. 39E-47	96. 74855
TRBV7-9	1. 098682	0. 64922	15. 79305	7. 27E-42	4. 55E-41	82. 51626
TRBV20-1	1. 617384	0. 899666	18. 79616	1. 68E-53	1. 35E-52	109. 3021
TRBV25-1	3. 428575	2. 319435	32. 01038	2. 20E-101	9. 90E-100	219. 7118
TRBC2	4. 378086	3. 314353	36. 75154	2. 20E-116	2. 49E-114	254. 3233
PRSS2	-7. 21852	12. 64892	-20. 7105	6. 98E-61	6. 73E-60	126. 3095
PRSS1	-7. 93002	11. 83385	-20. 8972	1. 34E-61	1. 32E-60	127. 958

PRSS3P1	-3.29038	2.26825	-22.5188	9.21E-68	1.07E-66	142.1659
TRPV6	-2.05926	4.264666	-14.2556	5.58E-36	3.10E-35	68.98298
GSTK1	1.652693	6.648999	22.24427	1.00E-66	1.13E-65	139.7751
TMEM139	1.713848	3.157175	19.53379	2.36E-56	2.03E-55	115.8747
CASP2	1.443758	2.818059	27.52973	4.29E-86	9.14E-85	184.4368
AC093673.5	2.527537	2.296715	39.3748	3.51E-124	6.28E-122	272.3203
ZYX	2.333042	6.038719	26.62458	7.12E-83	1.35E-81	177.0103
EPHA1	1.343273	3.140192	20.43237	8.15E-60	7.62E-59	123.8501
RP11-61L23.2	1.395371	1.831303	17.81074	1.12E-49	8.23E-49	100.5018
TCAF1	1.655221	3.175236	26.6711	4.85E-83	9.25E-82	177.3944
CTAGE4	1.018674	1.889943	11.10138	2.06E-24	9.02E-24	42.43142
ARHGEF35	1.87422	2.489215	18.77259	2.08E-53	1.66E-52	109.0918
ARHGEF5	1.28569	3.405572	18.39689	5.94E-52	4.60E-51	105.738
TPK1	1.541126	1.623781	31.18951	1.15E-98	4.47E-97	213.437
CUL1	1.521825	3.814504	27.98856	1.04E-87	2.36E-86	188.1635
PDIA4	1.484628	5.968495	18.28949	1.55E-51	1.19E-50	104.7789
ZNF398	1.070627	1.781788	27.43178	9.53E-86	2.01E-84	183.6378
RP4-800G7.1	1.04895	0.669225	11.96079	1.81E-27	8.50E-27	49.43521
ZNF777	1.096057	2.410788	25.50421	7.88E-79	1.30E-77	167.6841
ATP6V0E2	1.243857	3.759719	15.00926	7.48E-39	4.41E-38	75.58755
LRRC61	1.107087	3.103937	17.31701	9.19E-48	6.50E-47	96.09107
GIMAP8	1.041358	1.532507	14.58114	3.23E-37	1.84E-36	71.82753
GIMAP7	1.361271	2.567082	13.5844	1.90E-33	1.01E-32	63.16431
GIMAP4	2.050485	2.962871	23.13242	4.54E-70	5.65E-69	147.4836
GIMAP6	1.157121	2.084094	13.39673	9.58E-33	5.00E-32	61.55022
GIMAP2	2.646566	2.146808	35.89024	9.54E-114	9.13E-112	248.2386
IMAP1-GIMAP	1.52526	1.351996	20.38532	1.24E-59	1.15E-58	123.4336
GIMAP5	1.165467	2.534022	12.41671	4.02E-29	1.94E-28	53.23192
TMEM176B	3.669265	5.799899	30.65061	7.36E-97	2.62E-95	209.2717
TMEM176A	3.63177	5.264837	32.04336	1.71E-101	7.74E-100	219.9621
AOC1	4.976402	2.554968	44.84361	2.22E-139	1.34E-136	307.3991
KCNH2	1.156118	1.806732	11.53829	5.91E-26	2.68E-25	45.96534
NOS3	1.593215	2.375075	18.91678	5.74E-54	4.66E-53	110.3781
ATG9B	1.918719	1.292826	22.1899	1.61E-66	1.81E-65	139.301
ABCB8	1.217018	3.586999	21.0476	3.57E-62	3.56E-61	129.2839
CDK5	1.976012	2.919545	37.98445	4.31E-120	6.06E-118	262.8808
FASTK	1.003052	5.394802	13.36796	1.23E-32	6.39E-32	61.30335
ABCF2	1.463731	3.551415	25.0466	3.68E-77	5.74E-76	163.8336
CHPF2	1.693212	4.120304	27.73273	8.25E-87	1.81E-85	186.0887
NUB1	1.292463	4.673081	20.62893	1.43E-60	1.37E-59	125.5887
RHEB	1.246167	5.727185	17.37168	5.64E-48	4.01E-47	96.57932
PRKAG2	1.091291	3.143716	19.06453	1.54E-54	1.27E-53	111.6955
SHH	2.381696	1.247159	28.87222	8.65E-91	2.29E-89	195.268
AC021218.2	1.602773	0.796477	19.28313	2.19E-55	1.84E-54	113.6433
LINC01006	1.415758	2.692062	22.23932	1.05E-66	1.18E-65	139.732
LMBR1	1.51079	3.1715	26.57227	1.10E-82	2.06E-81	176.5781
MNX1-AS2	-1.12179	1.559471	-17.0707	8.29E-47	5.76E-46	93.89192
UBE3C	1.276374	3.853229	19.9557	5.56E-58	4.96E-57	119.6245
DNAJB6	1.930173	5.064908	28.51781	1.47E-89	3.65E-88	192.4302
NCAPG2	1.654806	1.807142	29.7722	6.98E-94	2.14E-92	202.4042
ESYT2	1.814898	4.144332	25.34337	3.04E-78	4.92E-77	166.3334
WDR60	1.054066	2.472613	19.5441	2.15E-56	1.85E-55	115.9665
VIPR2	-2.13381	1.780926	-31.5678	6.37E-100	2.64E-98	216.3389
CLN8	1.06063	2.496275	20.21896	5.39E-59	4.93E-58	121.9598

CTD-233602.1	1.52268	3.201415	26.14087	3.90E-81	6.93E-80	173.0016
ANGPT2	1.805364	1.203659	27.06538	1.90E-84	3.80E-83	180.6392
AGPAT5	1.316221	2.419073	24.30071	2.04E-74	2.91E-73	157.508
SGK223	2.15254	2.145979	32.23149	4.13E-102	1.94E-100	221.3875
CLDN23	2.349764	2.398315	25.5865	3.96E-79	6.60E-78	168.374
MFHAS1	1.690599	2.233901	31.41417	2.06E-99	8.32E-98	215.1627
ERI1	1.20829	1.724772	26.23572	1.77E-81	3.19E-80	173.7899
PPP1R3B	2.058368	2.308624	30.39062	5.54E-96	1.88E-94	207.2491
RP11-10A14.5	1.361651	0.75364	17.15583	3.88E-47	2.71E-46	94.65173
SOX7	1.553665	1.66603	22.3449	4.18E-67	4.76E-66	140.6521
PINX1	1.014465	2.644041	19.71567	4.68E-57	4.10E-56	117.4922
TDH	-2.32059	1.478669	-25.9248	2.35E-80	4.07E-79	171.202
AF131216.5	-2.44222	1.598617	-25.5097	7.52E-79	1.24E-77	167.7303
FAM167A	1.07027	1.277344	15.611	3.66E-41	2.25E-40	80.90257
BLK	1.024266	0.616526	9.888148	2.83E-20	1.14E-19	32.95515
GATA4	-1.13961	3.507757	-10.8731	1.28E-23	5.54E-23	40.60858
FDFT1	2.077843	5.550694	26.30714	9.82E-82	1.78E-80	174.3827
CTSB	3.529571	7.500555	38.36093	3.30E-121	5.05E-119	265.4586
P11-589N15.	1.362363	1.065316	19.60922	1.21E-56	1.05E-55	116.5458
DLC1	1.09953	2.423288	13.6947	7.32E-34	3.90E-33	64.11571
TUSC3	1.190325	4.463341	11.01578	4.10E-24	1.78E-23	41.74599
MSR1	2.824484	2.408424	27.55641	3.46E-86	7.38E-85	184.6541
CNOT7	1.09312	4.077673	16.81507	8.12E-46	5.53E-45	91.61058
VPS37A	1.428277	3.259476	24.01195	2.39E-73	3.29E-72	155.0432
SLC7A2	-1.51825	3.301664	-13.216	4.52E-32	2.33E-31	60.0015
PDGFRL	1.356929	2.606541	14.19946	9.11E-36	5.03E-35	68.49364
P11-806011.	-1.01312	1.403679	-12.1174	4.93E-28	2.34E-27	50.73324
FGL1	-4.93955	4.678057	-23.3266	8.52E-71	1.08E-69	149.1589
ASAH1	2.03081	5.431304	29.08971	1.53E-91	4.21E-90	197.0018
NAT1	1.476109	1.565467	27.78961	5.20E-87	1.15E-85	186.5508
SH2D4A	1.599596	3.340612	21.14385	1.53E-62	1.54E-61	130.1317
CSGALNACT1	1.004145	2.409119	13.52599	3.15E-33	1.66E-32	62.66126
LPL	1.080729	1.830371	9.028409	1.72E-17	6.48E-17	26.59395
ATP6V1B2	1.504344	4.624727	21.64984	1.80E-64	1.91E-63	134.5777
LZTS1	1.864956	1.531154	26.65104	5.73E-83	1.09E-81	177.2287
DOK2	1.882012	1.804934	23.70351	3.35E-72	4.42E-71	152.401
HR	1.879011	1.506009	25.57372	4.40E-79	7.33E-78	168.2669
REEP4	1.580217	3.571234	22.96075	2.00E-69	2.44E-68	145.9992
BMP1	2.086423	3.561385	25.6793	1.82E-79	3.07E-78	169.1512
PHYHIP	1.534675	1.468508	26.50237	1.95E-82	3.64E-81	176.0001
SLC39A14	-1.11119	5.810177	-11.7744	8.49E-27	3.91E-26	47.89799
SORBS3	1.551942	5.443755	20.91256	1.17E-61	1.15E-60	128.0933
PDLIM2	2.71667	4.403876	34.04716	5.65E-108	3.75E-106	234.918
C8orf58	1.264057	2.406907	23.69271	3.67E-72	4.84E-71	152.3083
CCAR2	1.215953	5.272722	18.77296	2.07E-53	1.65E-52	109.0951
BIN3	1.818043	3.826471	29.18384	7.26E-92	2.03E-90	197.7504
EGR3	1.789288	1.510051	18.40194	5.68E-52	4.40E-51	105.7832
RHOBTB2	1.425951	2.483478	24.94702	8.53E-77	1.32E-75	162.9926
TNFRSF10B	1.009842	4.623544	11.86431	4.04E-27	1.88E-26	48.63856
TNFRSF10C	1.451881	1.356802	23.82288	1.20E-72	1.62E-71	153.4247
TNFRSF10D	1.437967	1.869027	20.20554	6.07E-59	5.54E-58	121.8408
P11-1149023.	1.534163	1.100525	29.77665	6.74E-94	2.07E-92	202.4392
TNFRSF10A	2.400974	2.08692	35.58026	8.67E-113	7.70E-111	246.0271
P11-1149023.	1.776806	1.404061	31.95529	3.34E-101	1.48E-99	219.2933

CHMP7	1. 509388	3. 775123	26. 99425	3. 41E-84	6. 77E-83	180. 0552
LOXL2	3. 196334	3. 221938	30. 193	2. 59E-95	8. 52E-94	205. 7061
STC1	2. 533415	2. 448682	25. 77547	8. 16E-80	1. 39E-78	169. 9554
ADAM28	3. 421892	3. 200083	32. 86395	3. 57E-104	1. 89E-102	226. 1471
ADAMDEC1	1. 487887	0. 830692	19. 01394	2. 41E-54	1. 98E-53	111. 2445
DOCK5	1. 439398	2. 441152	21. 4469	1. 07E-63	1. 11E-62	132. 7968
KCTD9	1. 309164	3. 166722	19. 77044	2. 88E-57	2. 53E-56	117. 979
CDCA2	1. 254105	0. 67362	30. 61609	9. 62E-97	3. 40E-95	209. 0036
PPP2R2A	1. 425816	3. 921188	21. 31527	3. 39E-63	3. 47E-62	131. 6401
BNIP3L	2. 356672	3. 968493	31. 85513	7. 14E-101	3. 13E-99	218. 5315
PNMA2	1. 950678	1. 653318	23. 6848	3. 93E-72	5. 18E-71	152. 2404
DPYSL2	2. 693565	3. 520849	36. 68029	3. 63E-116	4. 05E-114	253. 8233
PTK2B	1. 394127	3. 475514	18. 12947	6. 47E-51	4. 88E-50	103. 3495
EPHX2	-1. 42668	4. 049511	-17. 2505	1. 66E-47	1. 17E-46	95. 49685
SCARA3	2. 316885	2. 325669	26. 38166	5. 30E-82	9. 72E-81	175. 0006
ESCO2	1. 001185	0. 655976	23. 3308	8. 22E-71	1. 04E-69	149. 1954
PBK	1. 773043	1. 035061	31. 29128	5. 28E-99	2. 09E-97	214. 2195
ELP3	1. 434729	3. 135821	27. 50868	5. 10E-86	1. 08E-84	184. 2652
PNOC	1. 261371	0. 668646	17. 74475	2. 01E-49	1. 48E-48	99. 91219
EXTL3	1. 102654	2. 789045	18. 97737	3. 34E-54	2. 73E-53	110. 9184
INTS9	1. 027451	2. 868743	21. 04583	3. 63E-62	3. 61E-61	129. 2683
CTD-2647L4. 5	1. 586603	1. 685821	11. 03406	3. 54E-24	1. 54E-23	41. 89213
KIF13B	1. 974957	3. 230854	26. 83616	1. 25E-83	2. 43E-82	178. 755
DUSP4	1. 072209	3. 580502	11. 33069	3. 21E-25	1. 43E-24	44. 27889
LEPROTL1	1. 953053	4. 072722	32. 45009	7. 95E-103	3. 90E-101	223. 0383
DCTN6	1. 289408	4. 144176	22. 60333	4. 42E-68	5. 18E-67	142. 9001
RBPM5	1. 037346	5. 657379	13. 50613	3. 73E-33	1. 96E-32	62. 49037
GSR	1. 688818	4. 004492	27. 16007	8. 76E-85	1. 77E-83	181. 4157
PPP2CB	1. 391179	5. 088813	20. 2459	4. 25E-59	3. 89E-58	122. 1986
RP11-11N9. 4	1. 311845	0. 754585	20. 71995	6. 42E-61	6. 20E-60	126. 3931
TTI2	1. 386123	2. 158601	32. 59862	2. 61E-103	1. 32E-101	224. 1565
RNF122	1. 510759	2. 161586	22. 72	1. 61E-68	1. 91E-67	143. 913
LSM12P1	1. 194665	2. 386174	16. 17387	2. 46E-43	1. 59E-42	85. 89882
P11-150012.	1. 020542	0. 552761	17. 40161	4. 32E-48	3. 07E-47	96. 84664
ZNF703	2. 659531	3. 367096	35. 69689	3. 77E-113	3. 44E-111	246. 8606
ADGRA2	2. 482899	2. 754717	27. 38123	1. 44E-85	3. 00E-84	183. 2251
BRF2	1. 468988	2. 752261	30. 27559	1. 36E-95	4. 52E-94	206. 3516
RAB11FIP1	1. 020941	3. 968919	10. 376	6. 53E-22	2. 71E-21	36. 70122
ASH2L	1. 267624	3. 740786	24. 32423	1. 67E-74	2. 39E-73	157. 7084
LSM1	1. 530078	4. 371704	27. 78116	5. 57E-87	1. 23E-85	186. 4821
BAG4	1. 498845	1. 948381	31. 77047	1. 36E-100	5. 86E-99	217. 8866
WHSC1L1	1. 278473	3. 915063	21. 01323	4. 84E-62	4. 80E-61	128. 981
LETM2	2. 22063	2. 209384	25. 25103	6. 59E-78	1. 06E-76	165. 5566
P11-350N15.	-2. 27928	1. 744052	-31. 2651	6. 45E-99	2. 54E-97	214. 0184
RPS20P22	-1. 20862	0. 865738	-27. 0879	1. 58E-84	3. 17E-83	180. 824
PLEKHA2	2. 240549	2. 58931	23. 58541	9. 21E-72	1. 20E-70	151. 3867
TM2D2	2. 214808	3. 920547	35. 06092	3. 59E-111	2. 91E-109	242. 2959
ADAM9	3. 449757	4. 357245	34. 97547	6. 64E-111	5. 31E-109	241. 6789
IDO1	2. 508383	1. 436332	22. 34724	4. 09E-67	4. 67E-66	140. 6724
C8orf4	1. 753766	4. 716628	15. 05902	4. 82E-39	2. 86E-38	76. 02582
SFRP1	1. 364644	1. 575092	11. 24409	6. 49E-25	2. 87E-24	43. 57925
GOLGA7	1. 411857	4. 035947	25. 12109	1. 97E-77	3. 10E-76	164. 4619
GINS4	1. 077865	0. 789814	25. 91953	2. 45E-80	4. 24E-79	171. 1583
ANK1	1. 265616	1. 084426	17. 54353	1. 21E-48	8. 75E-48	98. 11449

KAT6A	1. 037129	2. 420163	18. 34529	9. 41E-52	7. 26E-51	105. 2773
AP3M2	1. 777707	2. 65338	31. 20547	1. 02E-98	3. 98E-97	213. 5598
PLAT	5. 161208	4. 536576	40. 96893	9. 36E-129	2. 38E-126	282. 8759
POLB	1. 784151	3. 857105	28. 49412	1. 78E-89	4. 40E-88	192. 24
DKK4	1. 111756	0. 549434	13. 3518	1. 41E-32	7. 34E-32	61. 16475
VDAC3	1. 193729	5. 480417	19. 57324	1. 66E-56	1. 43E-55	116. 2257
RNF170	1. 10877	2. 607177	20. 96578	7. 35E-62	7. 25E-61	128. 5627
SPIDR	1. 065701	4. 201286	15. 93182	2. 12E-42	1. 34E-41	83. 74784
PRKDC	1. 506959	4. 379658	21. 22063	7. 80E-63	7. 91E-62	130. 8076
MCM4	1. 98572	3. 076987	25. 66982	1. 97E-79	3. 31E-78	169. 0718
UBE2V2	1. 783741	3. 946666	29. 91684	2. 24E-94	7. 04E-93	203. 5416
SNAI2	1. 891862	2. 858006	17. 32754	8. 36E-48	5. 92E-47	96. 1851
FAM150A	1. 176732	0. 702906	16. 60805	5. 15E-45	3. 45E-44	89. 7647
RP11-400K9. 4	1. 010876	0. 610543	17. 7625	1. 72E-49	1. 26E-48	100. 0708
ATP6V1H	1. 908285	4. 222814	33. 4591	4. 28E-106	2. 55E-104	230. 5805
TCEA1	1. 342442	4. 72742	20. 1388	1. 10E-58	9. 96E-58	121. 2492
LYPLA1	1. 620043	3. 962574	23. 71454	3. 04E-72	4. 03E-71	152. 4956
MRPL15	2. 00019	4. 366867	31. 80632	1. 03E-100	4. 49E-99	218. 1598
TMEM68	1. 368003	2. 659076	25. 73613	1. 13E-79	1. 92E-78	169. 6265
TGS1	1. 314065	2. 204043	26. 67935	4. 53E-83	8. 65E-82	177. 4625
LYN	2. 143989	3. 137834	30. 81098	2. 13E-97	7. 79E-96	210. 515
RPS20	1. 306632	10. 2246	12. 96555	3. 85E-31	1. 94E-30	57. 86628
CHCHD7	1. 286299	4. 238639	22. 59236	4. 86E-68	5. 69E-67	142. 8048
SDR16C5	4. 055692	2. 077226	40. 94602	1. 09E-128	2. 74E-126	282. 7262
PENK	1. 017545	0. 685279	11. 67979	1. 85E-26	8. 48E-26	47. 12188
RPL37P6	2. 033387	1. 042	31. 96669	3. 06E-101	1. 36E-99	219. 3799
IMPAD1	1. 397412	3. 493642	23. 40007	4. 53E-71	5. 79E-70	149. 7922
FAM110B	1. 107856	1. 437664	20. 10242	1. 51E-58	1. 37E-57	120. 9265
UBXN2B	1. 103809	2. 634575	21. 88971	2. 21E-65	2. 40E-64	136. 6785
SDCBP	2. 330586	5. 780437	30. 56236	1. 46E-96	5. 10E-95	208. 5861
RAB2A	1. 83871	5. 369108	26. 4376	3. 33E-82	6. 16E-81	175. 464
ASPH	2. 625639	4. 947491	30. 55476	1. 55E-96	5. 40E-95	208. 527
GGH	1. 530448	2. 892308	21. 33205	2. 93E-63	3. 00E-62	131. 7876
YTHDF3	1. 342278	3. 301248	22. 38783	2. 87E-67	3. 29E-66	141. 0259
ARMC1	1. 330757	2. 861791	25. 34996	2. 87E-78	4. 66E-77	166. 3888
DNAJC5B	1. 222485	0. 661342	21. 62736	2. 20E-64	2. 32E-63	134. 3806
ADHFE1	-2. 06866	3. 073059	-26. 8503	1. 11E-83	2. 16E-82	178. 8711
C8orf46	-1. 04362	1. 074837	-16. 4579	1. 96E-44	1. 30E-43	88. 42641
VCPIP1	1. 095761	1. 594466	25. 96451	1. 69E-80	2. 94E-79	171. 5333
COPS5	1. 182314	4. 75406	19. 79893	2. 24E-57	1. 97E-56	118. 2322
ARFGEF1	1. 148474	3. 992063	18. 99824	2. 78E-54	2. 27E-53	111. 1045
SULF1	5. 765498	3. 957691	50. 66938	3. 73E-154	6. 65E-151	341. 502
NCOA2	1. 18367	2. 268939	19. 13134	8. 48E-55	7. 04E-54	112. 291
TRAM1	1. 085599	6. 29298	13. 41692	8. 05E-33	4. 21E-32	61. 72358
LACTB2	1. 910615	3. 497662	25. 49359	8. 61E-79	1. 42E-77	167. 595
XKR9	1. 53381	0. 972235	22. 10735	3. 31E-66	3. 67E-65	138. 5805
MSC-AS1	1. 120781	1. 858923	15. 34017	4. 03E-40	2. 43E-39	78. 50649
MSC	2. 116004	2. 463397	23. 70499	3. 30E-72	4. 37E-71	152. 4136
TERF1	1. 212387	3. 035598	23. 16992	3. 29E-70	4. 11E-69	147. 8075
RDH10	1. 387549	3. 436603	15. 98914	1. 27E-42	8. 11E-42	84. 25695
STAU2	1. 479131	3. 080905	25. 19333	1. 07E-77	1. 70E-76	165. 0708
UBE2W	1. 381064	2. 620776	23. 42815	3. 56E-71	4. 56E-70	150. 034
TCEB1	2. 121944	4. 987234	32. 96609	1. 67E-104	9. 02E-103	226. 9111
LY96	3. 004976	2. 653553	35. 07235	3. 30E-111	2. 70E-109	242. 3784

PI15	1.248363	0.760127	18.19397	3.64E-51	2.76E-50	103.9257
CRISPLD1	1.872253	1.10446	24.80627	2.80E-76	4.25E-75	161.802
CASC9	1.037404	0.581941	10.92456	8.51E-24	3.68E-23	41.01816
HNF4G	1.058826	2.010327	13.41955	7.87E-33	4.12E-32	61.74621
PEX2	1.28135	4.344833	19.38921	8.54E-56	7.23E-55	114.588
PKIA	2.012282	1.230571	28.64921	5.14E-90	1.31E-88	193.4842
ZC2HC1A	1.491353	1.942546	23.86571	8.34E-73	1.13E-71	153.7917
IL7	1.404873	1.191155	24.36469	1.18E-74	1.70E-73	158.0529
STMN2	2.512602	2.157735	23.42879	3.54E-71	4.54E-70	150.0395
HEY1	1.111137	1.854632	19.74786	3.52E-57	3.09E-56	117.7784
MRPS28	1.620784	4.442161	29.23212	4.95E-92	1.39E-90	198.1339
TPD52	1.71307	4.930646	20.34789	1.72E-59	1.59E-58	123.1021
FABP5	1.649817	4.897418	17.88948	5.52E-50	4.09E-49	101.2054
IMPA1	1.219308	2.884586	19.43749	5.56E-56	4.73E-55	115.0178
CHMP4C	1.148537	3.550634	15.53888	6.93E-41	4.25E-40	80.26391
SNX16	1.226768	1.714081	22.57437	5.69E-68	6.63E-67	142.6485
LRRCC1	1.108381	1.862086	21.43033	1.24E-63	1.28E-62	132.6513
C8orf59	1.025258	5.881901	14.62024	2.29E-37	1.31E-36	72.17008
CA13	1.769935	1.707079	27.93716	1.58E-87	3.54E-86	187.7473
CA2	1.460115	4.065196	11.19968	9.30E-25	4.10E-24	43.22137
WWP1	1.473096	3.70894	21.61221	2.51E-64	2.65E-63	134.2477
RMDN1	1.170807	3.869901	20.47424	5.63E-60	5.28E-59	124.2206
CPNE3	1.217891	3.87113	18.42516	4.61E-52	3.58E-51	105.9906
RIPK2	1.90679	2.954364	29.9553	1.66E-94	5.26E-93	203.8436
OSGIN2	1.789877	2.126255	31.72043	1.99E-100	8.49E-99	217.505
NBN	1.281636	3.039401	21.34161	2.69E-63	2.76E-62	131.8717
DECR1	1.396973	5.354903	23.32723	8.48E-71	1.08E-69	149.1646
C8orf88	1.21623	1.059748	17.54856	1.16E-48	8.37E-48	98.15936
TMEM55A	1.801826	2.280816	26.10767	5.13E-81	9.10E-80	172.7255
OTUD6B-AS1	1.007372	2.90682	17.36745	5.86E-48	4.16E-47	96.54155
TRIQQ	1.850554	2.878139	28.16458	2.51E-88	5.88E-87	189.5863
PDP1	1.662528	2.674634	24.05506	1.65E-73	2.29E-72	155.4118
CDH17	2.916919	1.644636	17.9219	4.13E-50	3.07E-49	101.4951
GEM	3.571616	3.127666	31.2105	9.81E-99	3.83E-97	213.5985
KIAA1429	1.482527	4.228926	26.16171	3.28E-81	5.85E-80	173.1749
DPY19L4	1.282389	2.483156	21.68018	1.38E-64	1.47E-63	134.8437
TP53INP1	-1.31353	3.737135	-15.7974	7.00E-42	4.38E-41	82.55473
PLEKHF2	1.661756	2.688397	28.54591	1.17E-89	2.93E-88	192.6557
UQCRB	1.206214	7.467542	16.48039	1.61E-44	1.06E-43	88.62717
MTERF3	1.209599	3.146071	23.26552	1.44E-70	1.82E-69	148.6325
PTDSS1	1.306643	4.872355	19.60274	1.28E-56	1.11E-55	116.4881
CPQ	1.486833	4.077852	21.87117	2.60E-65	2.82E-64	136.5163
MTDH	1.634136	4.081328	20.22974	4.90E-59	4.48E-58	122.0553
LAPTM4B	2.275141	4.723082	28.10752	3.98E-88	9.21E-87	189.1255
MATN2	2.136149	3.298437	22.87686	4.13E-69	5.00E-68	145.2729
RPL30	1.257892	10.39335	12.69026	3.99E-30	1.97E-29	55.53352
STK3	1.495043	3.023874	23.96533	3.56E-73	4.86E-72	154.6445
OSR2	1.222907	1.977388	14.67941	1.36E-37	7.85E-37	72.6888
COX6C	1.866538	7.18865	24.7236	5.64E-76	8.47E-75	161.1018
POLR2K	1.926721	4.564217	31.99861	2.40E-101	1.08E-99	219.6223
SPAG1	1.508323	1.806331	23.40443	4.36E-71	5.58E-70	149.8298
PABPC1	2.031613	8.891819	21.82925	3.75E-65	4.05E-64	136.1494
YWHAZ	3.116564	6.968264	36.58888	6.89E-116	7.59E-114	253.1809
NCALD	1.384375	2.439772	19.22232	3.77E-55	3.15E-54	113.1016

RRM2B	1. 255153	2. 497395	20. 12697	1. 22E-58	1. 10E-57	121. 1442
UBR5	1. 063383	4. 594045	17. 00215	1. 53E-46	1. 06E-45	93. 2798
ATP6V1C1	1. 519557	3. 595341	23. 17578	3. 13E-70	3. 91E-69	147. 8581
FZD6	1. 286919	2. 863759	19. 53063	2. 43E-56	2. 09E-55	115. 8467
CTHRC1	5. 715209	3. 8348	49. 61593	1. 39E-151	2. 11E-148	335. 5647
SLC25A32	1. 442576	2. 658991	26. 24341	1. 66E-81	3. 00E-80	173. 8537
DCAF13	1. 583117	3. 691363	26. 9211	6. 21E-84	1. 22E-82	179. 4539
DCSTAMP	1. 286976	0. 713048	22. 25246	9. 34E-67	1. 05E-65	139. 8465
LRP12	1. 108911	1. 649142	17. 26318	1. 49E-47	1. 05E-46	95. 61027
ZFPM2	1. 272456	0. 904269	22. 4511	1. 66E-67	1. 91E-66	141. 5766
ZFPM2-AS1	1. 539862	0. 826652	18. 50051	2. 35E-52	1. 84E-51	106. 6634
P11-395G23.	1. 180144	1. 473991	19. 29553	1. 97E-55	1. 65E-54	113. 7538
OXR1	1. 460558	3. 242681	21. 4092	1. 49E-63	1. 54E-62	132. 4656
TAGLN2P1	1. 071226	0. 73464	24. 30371	1. 99E-74	2. 84E-73	157. 5335
EMC2	1. 166102	4. 581129	18. 21445	3. 03E-51	2. 31E-50	104. 1087
NUDCD1	1. 144882	2. 609773	19. 27765	2. 30E-55	1. 94E-54	113. 5946
ENY2	1. 693852	5. 606019	25. 9091	2. 68E-80	4. 62E-79	171. 0712
SYBU	-1. 75829	4. 465207	-13. 6786	8. 42E-34	4. 48E-33	63. 97639
TRPS1	1. 304786	1. 128446	21. 95567	1. 24E-65	1. 36E-64	137. 2554
EIF3H	1. 396923	7. 150399	18. 29875	1. 43E-51	1. 10E-50	104. 8616
RAD21	2. 140021	4. 495135	29. 94007	1. 87E-94	5. 89E-93	203. 7241
MED30	1. 333888	2. 92932	24. 77974	3. 50E-76	5. 30E-75	161. 5774
EXT1	2. 107573	3. 928864	30. 57894	1. 28E-96	4. 51E-95	208. 715
AC113188. 2	1. 809921	2. 205117	22. 82437	6. 51E-69	7. 81E-68	144. 8181
SAMD12	1. 420632	1. 525139	24. 79433	3. 10E-76	4. 70E-75	161. 701
TNFRSF11B	2. 809536	1. 958898	24. 59007	1. 75E-75	2. 58E-74	159. 9691
MAL2	3. 224483	5. 169719	36. 42423	2. 19E-115	2. 32E-113	252. 0214
NOV	1. 556669	2. 142856	18. 97494	3. 42E-54	2. 79E-53	110. 8967
ENPP2	1. 871769	3. 389479	15. 10002	3. 36E-39	1. 99E-38	76. 38712
TAF2	1. 045795	2. 634456	16. 83791	6. 63E-46	4. 52E-45	91. 81428
DEPTOR	2. 242148	2. 718106	30. 95686	6. 91E-98	2. 58E-96	211. 6432
P11-760H22.	1. 504304	1. 313302	27. 41403	1. 10E-85	2. 31E-84	183. 493
COL14A1	3. 17602	3. 054815	25. 58654	3. 96E-79	6. 60E-78	168. 3743
MRPL13	2. 061615	4. 013315	35. 87405	1. 07E-113	1. 01E-111	248. 1235
P11-713M15.	-1. 03408	1. 786812	-16. 4722	1. 73E-44	1. 14E-43	88. 55399
HAS2	1. 625545	0. 915104	22. 11516	3. 09E-66	3. 43E-65	138. 6488
HAS2-AS1	1. 010428	0. 534711	21. 21435	8. 24E-63	8. 35E-62	130. 7523
ZHX2	1. 0872	3. 147578	18. 18126	4. 07E-51	3. 09E-50	103. 8121
DERL1	1. 901774	4. 470089	28. 4615	2. 31E-89	5. 68E-88	191. 9779
FAM83A	3. 466468	1. 720728	24. 13488	8. 37E-74	1. 17E-72	156. 0936
C8orf76	1. 619554	3. 369227	29. 09235	1. 50E-91	4. 13E-90	197. 0228
ATAD2	1. 566441	1. 679491	26. 83181	1. 29E-83	2. 51E-82	178. 7192
WDYHV1	1. 188138	3. 141516	20. 89436	1. 38E-61	1. 35E-60	127. 9328
FBX032	3. 166449	3. 67573	32. 47571	6. 56E-103	3. 23E-101	223. 2313
ANXA13	2. 773055	1. 501046	21. 40198	1. 59E-63	1. 63E-62	132. 4022
FAM91A1	1. 415949	3. 253087	22. 82475	6. 49E-69	7. 79E-68	144. 8214
FER1L6	1. 546693	0. 858207	11. 62757	2. 84E-26	1. 30E-25	46. 69438
TRMT12	1. 479582	2. 221367	33. 28959	1. 50E-105	8. 67E-104	229. 3223
RNF139	1. 518006	3. 192434	27. 38787	1. 36E-85	2. 84E-84	183. 2793
NDUFB9	1. 516121	6. 929672	20. 38385	1. 25E-59	1. 16E-58	123. 4205
SQLE	2. 893367	3. 527568	30. 5303	1. 87E-96	6. 50E-95	208. 3368
KIAA0196	1. 529732	3. 563997	27. 18097	7. 38E-85	1. 50E-83	181. 5869
NSMCE2	1. 770808	3. 452937	31. 7555	1. 52E-100	6. 56E-99	217. 7725
TRIB1	2. 008168	3. 740961	22. 79463	8. 42E-69	1. 01E-67	144. 5603

FAM84B	1. 702687	3. 777182	25. 25323	6. 47E-78	1. 04E-76	165. 5751
CCAT1	1. 026565	0. 500636	14. 66637	1. 53E-37	8. 80E-37	72. 57446
CASC8	1. 472932	0. 737401	21. 99533	8. 79E-66	9. 65E-65	137. 602
PVT1	2. 873133	2. 453766	24. 17175	6. 11E-74	8. 59E-73	156. 4084
FAM49B	2. 238785	4. 050401	33. 37905	7. 75E-106	4. 55E-104	229. 9867
ASAP1	1. 658384	2. 823835	22. 34152	4. 30E-67	4. 90E-66	140. 6226
EFR3A	1. 666126	3. 411554	24. 6175	1. 38E-75	2. 05E-74	160. 2019
LRRC6	1. 189636	1. 928422	16. 59948	5. 56E-45	3. 71E-44	89. 6883
TMEM71	1. 313136	1. 031471	20. 57435	2. 32E-60	2. 21E-59	125. 1063
SLA	2. 214494	2. 331395	21. 64513	1. 88E-64	1. 99E-63	134. 5364
WISP1	2. 812991	1. 718811	29. 53206	4. 62E-93	1. 36E-91	200. 51
WISP1-OT1	1. 298454	0. 790822	19. 24077	3. 20E-55	2. 68E-54	113. 2661
NDRG1	2. 126949	6. 010678	21. 36322	2. 23E-63	2. 29E-62	132. 0617
ST3GAL1	2. 042698	3. 386282	27. 45687	7. 77E-86	1. 64E-84	183. 8426
ZFAT	1. 162747	1. 718297	23. 73817	2. 49E-72	3. 31E-71	152. 6984
KHDRBS3	1. 528818	2. 645639	21. 62995	2. 15E-64	2. 27E-63	134. 4033
COL22A1	2. 377279	1. 324433	26. 22	2. 02E-81	3. 63E-80	173. 6593
TRAPPC9	1. 251982	3. 226389	11. 62164	2. 98E-26	1. 36E-25	46. 64592
CHRA1	1. 760349	3. 534279	27. 85524	3. 06E-87	6. 81E-86	187. 0833
AGO2	1. 195008	2. 227758	19. 20345	4. 46E-55	3. 72E-54	112. 9336
PTK2	1. 563737	4. 517504	23. 42131	3. 77E-71	4. 83E-70	149. 9751
DENND3	1. 432388	3. 347333	18. 34291	9. 61E-52	7. 41E-51	105. 256
P11-809017.	1. 348998	1. 025066	26. 13889	3. 96E-81	7. 04E-80	172. 9852
SLC45A4	1. 393614	2. 949484	19. 29159	2. 04E-55	1. 71E-54	113. 7188
JRK	1. 266985	1. 999304	16. 58682	6. 22E-45	4. 15E-44	89. 57543
PSCA	6. 111499	3. 486353	27. 36019	1. 71E-85	3. 55E-84	183. 0533
LY6K	1. 177491	0. 7627	8. 615303	3. 34E-16	1. 21E-15	23. 65841
THEM6	1. 382711	3. 918661	18. 85242	1. 02E-53	8. 22E-53	109. 8041
LYPD2	1. 928048	0. 996337	11. 60865	3. 32E-26	1. 51E-25	46. 5397
LYNX1	1. 594327	2. 728436	11. 29738	4. 21E-25	1. 87E-24	44. 00954
LY6D	3. 470556	2. 062313	16. 32588	6. 37E-44	4. 16E-43	87. 25136
LY6E	4. 402209	6. 504721	37. 94468	5. 67E-120	7. 88E-118	262. 6074
C8orf31	2. 061862	1. 332075	21. 1516	1. 43E-62	1. 44E-61	130. 2
LY6H	1. 013448	0. 982882	15. 60651	3. 81E-41	2. 34E-40	80. 86277
TOP1MT	1. 162551	3. 736865	17. 24391	1. 77E-47	1. 24E-46	95. 43823
ZC3H3	1. 212798	2. 85795	18. 24308	2. 34E-51	1. 79E-50	104. 3644
GSDMD	1. 500168	5. 357413	17. 8443	8. 27E-50	6. 11E-49	100. 8017
MROH6	3. 780698	2. 83141	39. 64774	5. 66E-125	1. 08E-122	274. 1476
NAPRT	2. 487765	5. 276344	19. 83762	1. 59E-57	1. 40E-56	118. 5759
TSTA3	2. 107157	6. 25055	24. 21388	4. 27E-74	6. 03E-73	156. 7678
ZNF623	1. 139727	2. 118983	20. 78573	3. 59E-61	3. 49E-60	126. 974
ZNF707	1. 070812	2. 562514	20. 50586	4. 26E-60	4. 01E-59	124. 5005
FAM83H	1. 993439	3. 614982	25. 4032	1. 84E-78	3. 00E-77	166. 8362
FAM83H-AS1	1. 558919	2. 417114	18. 3166	1. 22E-51	9. 36E-51	105. 021
PUF60	1. 885503	5. 577371	28. 62017	6. 48E-90	1. 64E-88	193. 2514
EPPK1	1. 500795	1. 087465	23. 91499	5. 47E-73	7. 42E-72	154. 2137
PLEC	2. 786733	4. 764544	31. 07905	2. 69E-98	1. 03E-96	212. 5862
PARP10	1. 235167	4. 435989	15. 45553	1. 45E-40	8. 84E-40	79. 52641
GRINA	1. 849181	6. 296433	24. 26967	2. 66E-74	3. 77E-73	157. 2435
EXOSC4	1. 947302	3. 875828	29. 13194	1. 10E-91	3. 03E-90	197. 3377
CYC1	1. 082887	5. 879061	15. 53729	7. 03E-41	4. 31E-40	80. 24984
SHARPIN	1. 549639	5. 150985	22. 68713	2. 14E-68	2. 53E-67	143. 6278
MAF1	1. 509241	5. 705214	22. 86005	4. 78E-69	5. 77E-68	145. 1273
HGH1	1. 15175	3. 46421	22. 05721	5. 12E-66	5. 66E-65	138. 1427

DGAT1	1. 745224	4. 723033	23. 57589	1. 00E-71	1. 30E-70	151. 3049
SLC52A2	1. 958907	4. 714201	28. 64563	5. 28E-90	1. 35E-88	193. 4555
SLC39A4	2. 911312	4. 842553	28. 3086	7. 89E-89	1. 89E-87	190. 7477
VPS28	1. 503624	6. 810425	20. 11717	1. 33E-58	1. 20E-57	121. 0573
TONSL	1. 252778	1. 425693	21. 40959	1. 48E-63	1. 53E-62	132. 4691
RECQL4	1. 712299	2. 322159	22. 14016	2. 48E-66	2. 77E-65	138. 867
RPL8	1. 194181	10. 87751	11. 16894	1. 19E-24	5. 25E-24	42. 97398
COMMD5	1. 822356	3. 811881	34. 24268	1. 35E-108	9. 36E-107	236. 3508
ZNF250	1. 090041	2. 065268	21. 11909	1. 90E-62	1. 91E-61	129. 9137
C8orf33	1. 08412	3. 818819	18. 82606	1. 29E-53	1. 04E-52	109. 5689
DOCK8	1. 378445	2. 006238	18. 26593	1. 91E-51	1. 46E-50	104. 5685
SMARCA2	1. 282637	4. 542093	19. 25785	2. 75E-55	2. 30E-54	113. 4182
SLC1A1	2. 645889	2. 117422	27. 57278	3. 03E-86	6. 48E-85	184. 7875
JAK2	1. 206542	1. 858571	19. 72398	4. 35E-57	3. 81E-56	117. 5661
PLGRKT	1. 835162	3. 363657	34. 16413	2. 40E-108	1. 63E-106	235. 7758
PDCD1LG2	1. 054444	0. 638166	20. 65253	1. 16E-60	1. 12E-59	125. 7974
ERMP1	1. 421499	2. 577173	23. 63686	5. 92E-72	7. 75E-71	151. 8287
IL33	1. 645828	1. 918717	15. 64818	2. 63E-41	1. 63E-40	81. 23192
SNRPEP2	1. 785518	1. 898668	25. 3427	3. 05E-78	4. 95E-77	166. 3278
TMEM261	1. 161218	4. 072495	18. 63214	7. 27E-53	5. 74E-52	107. 8384
LURAP1L	1. 409304	3. 303101	20. 81757	2. 71E-61	2. 64E-60	127. 2551
TTC39B	1. 099468	1. 599379	20. 69612	7. 92E-61	7. 63E-60	126. 1826
PSIP1	1. 227052	3. 551142	19. 08871	1. 24E-54	1. 02E-53	111. 911
BNC2	1. 20459	0. 834476	20. 11803	1. 32E-58	1. 19E-57	121. 0649
ADAMTSL1	1. 152256	0. 891062	20. 19813	6. 48E-59	5. 91E-58	121. 7752
RRAGA	1. 57723	4. 916456	24. 70247	6. 74E-76	1. 01E-74	160. 9226
PLIN2	1. 879455	4. 158818	18. 50595	2. 24E-52	1. 75E-51	106. 7119
MLLT3	2. 302082	2. 39203	34. 909	1. 07E-110	8. 45E-109	241. 1983
HACD4	1. 041294	0. 778201	23. 50588	1. 82E-71	2. 35E-70	150. 7029
IFNWP19	1. 280413	0. 644685	15. 51448	8. 60E-41	5. 26E-40	80. 04795
MIR31HG	1. 246707	0. 628389	15. 79388	7. 22E-42	4. 52E-41	82. 52366
CDKN2A	2. 804011	2. 01586	17. 79601	1. 27E-49	9. 37E-49	100. 3703
CDKN2B	2. 895366	2. 110045	29. 9203	2. 18E-94	6. 86E-93	203. 5688
PLAA	1. 146728	2. 805485	19. 62308	1. 07E-56	9. 25E-56	116. 669
TEK	1. 108872	1. 501092	16. 20175	1. 92E-43	1. 24E-42	86. 14683
MOB3B	1. 21484	1. 776606	22. 25331	9. 27E-67	1. 05E-65	139. 8539
DDX58	1. 431196	2. 304629	22. 34266	4. 26E-67	4. 85E-66	140. 6325
TOPORS	1. 025799	2. 248794	18. 81022	1. 48E-53	1. 19E-52	109. 4276
TOPORS-AS1	1. 007927	2. 941392	19. 21131	4. 16E-55	3. 47E-54	113. 0036
NDUFB6	1. 94471	4. 455868	34. 47126	2. 56E-109	1. 86E-107	238. 0198
DNAJA1	1. 733601	5. 251626	21. 05242	3. 43E-62	3. 41E-61	129. 3264
SMU1	1. 378294	2. 627568	29. 59853	2. 74E-93	8. 15E-92	201. 035
B4GALT1	2. 156825	4. 746696	22. 93054	2. 60E-69	3. 15E-68	145. 7378
SPINK4	2. 63657	1. 462546	13. 39602	9. 64E-33	5. 03E-32	61. 54417
BAG1	1. 312975	5. 480819	16. 68557	2. 58E-45	1. 74E-44	90. 45566
CHMP5	2. 18957	4. 843058	32. 08619	1. 24E-101	5. 63E-100	220. 287
AQP3	1. 190473	4. 666536	10. 37547	6. 56E-22	2. 72E-21	36. 69713
ANXA2P2	3. 866082	2. 995919	51. 77516	8. 26E-157	1. 85E-153	347. 6315
PTENP1	1. 58757	1. 205289	37. 68428	3. 39E-119	4. 54E-117	260. 8136
LINC01251	-1. 74008	1. 157978	-25. 0665	3. 11E-77	4. 87E-76	164. 0018
PRSS3	-4. 61451	8. 994363	-26. 3891	4. 98E-82	9. 16E-81	175. 0625
DCAF12	1. 474284	3. 369651	25. 1309	1. 81E-77	2. 86E-76	164. 5446
UBAP1	1. 775393	4. 153576	26. 52576	1. 61E-82	3. 01E-81	176. 1936
RPP25L	1. 432903	3. 940465	22. 70841	1. 78E-68	2. 11E-67	143. 8124

DCTN3	1. 116227	5. 480074	17. 96187	2. 89E-50	2. 15E-49	101. 8521
SIGMAR1	1. 045412	4. 779232	16. 2464	1. 29E-43	8. 38E-43	86. 54406
P11-195F19.	1. 655193	2. 493781	23. 49201	2. 05E-71	2. 65E-70	150. 5836
CCL19	3. 917419	2. 884615	19. 9327	6. 82E-58	6. 08E-57	119. 4203
CCL21	2. 963597	3. 618887	16. 42909	2. 54E-44	1. 67E-43	88. 17024
DNAJB5	1. 71225	2. 027823	21. 97513	1. 05E-65	1. 15E-64	137. 4255
VCP	1. 670446	6. 083491	22. 47467	1. 35E-67	1. 56E-66	141. 7816
STOML2	1. 33023	5. 468763	19. 68557	6. 12E-57	5. 34E-56	117. 2246
FAM214B	2. 501592	3. 034771	34. 40525	4. 13E-109	2. 95E-107	237. 5385
TESK1	1. 063899	4. 157576	14. 15748	1. 31E-35	7. 24E-35	68. 12811
CD72	1. 279338	2. 100115	15. 04114	5. 65E-39	3. 34E-38	75. 86831
SIT1	1. 501025	0. 915644	18. 14073	5. 85E-51	4. 42E-50	103. 4501
CA9	3. 614282	3. 446684	17. 97935	2. 47E-50	1. 85E-49	102. 0083
TPM2	3. 03918	6. 461778	27. 5903	2. 62E-86	5. 63E-85	184. 9302
TLN1	1. 794062	5. 922183	20. 26861	3. 47E-59	3. 19E-58	122. 3999
CREB3	1. 397425	4. 656752	18. 74475	2. 66E-53	2. 12E-52	108. 8434
NPR2	1. 158657	2. 724721	16. 02391	9. 35E-43	5. 96E-42	84. 56585
HRCT1	1. 184593	1. 151593	15. 25448	8. 59E-40	5. 16E-39	77. 74972
YBX1P10	1. 137117	1. 051541	29. 67527	1. 50E-93	4. 50E-92	201. 6405
RECK	1. 29334	1. 583344	19. 61403	1. 16E-56	1. 00E-55	116. 5885
GLIPR2	2. 849333	2. 743392	32. 92771	2. 22E-104	1. 19E-102	226. 6242
CLTA	1. 468046	6. 624016	18. 81686	1. 40E-53	1. 12E-52	109. 4868
GNE	1. 865962	2. 548029	26. 16774	3. 12E-81	5. 56E-80	173. 2251
MELK	2. 260716	1. 27147	34. 46796	2. 62E-109	1. 90E-107	237. 9958
GRHPR	1. 178882	5. 450326	19. 09736	1. 15E-54	9. 49E-54	111. 9881
TOMM5	1. 162222	5. 591309	17. 73377	2. 22E-49	1. 63E-48	99. 81414
EXOSC3	1. 49876	3. 368774	26. 37989	5. 37E-82	9. 86E-81	174. 9859
SHB	1. 673023	3. 782355	24. 42187	7. 28E-75	1. 05E-73	158. 5396
ALDH1B1	2. 117984	3. 036605	28. 60803	7. 14E-90	1. 80E-88	193. 154
FAM95C	-1. 14458	2. 611694	-13. 047	1. 92E-31	9. 75E-31	58. 55966
FAM95B1	-1. 5717	1. 928265	-20. 1489	1. 00E-58	9. 12E-58	121. 339
TJP2	1. 484688	4. 253143	19. 34725	1. 24E-55	1. 05E-54	114. 2144
TMEM2	2. 201031	4. 411187	28. 59158	8. 14E-90	2. 05E-88	193. 0222
ABHD17B	1. 163625	2. 239338	22. 4307	1. 98E-67	2. 28E-66	141. 3991
HSPB1P1	2. 724604	1. 464321	33. 66943	9. 06E-107	5. 60E-105	232. 1368
GDA	2. 889005	2. 003704	29. 97673	1. 40E-94	4. 46E-93	204. 0119
LINC01504	1. 428041	0. 83348	26. 94442	5. 13E-84	1. 01E-82	179. 6457
ZFAND5	1. 148206	5. 722312	12. 63069	6. 61E-30	3. 25E-29	55. 03087
ANXA1	4. 315425	5. 686281	35. 88877	9. 64E-114	9. 21E-112	248. 2282
OSTF1	2. 37294	4. 129654	38. 46467	1. 63E-121	2. 53E-119	266. 1661
PCSK5	1. 768708	1. 765232	25. 7809	7. 80E-80	1. 33E-78	170. 0008
RFK	1. 667327	3. 272562	26. 8593	1. 03E-83	2. 01E-82	178. 9455
GCNT1	2. 221483	1. 672382	27. 189	6. 92E-85	1. 40E-83	181. 6527
PRUNE2	1. 288416	1. 757684	13. 30198	2. 16E-32	1. 12E-31	60. 73776
GNAQ	1. 872255	3. 151814	31. 71372	2. 09E-100	8. 93E-99	217. 4538
PSAT1	-2. 06336	3. 52827	-19. 6278	1. 02E-56	8. 88E-56	116. 711
TLE4	1. 120104	2. 525409	17. 92148	4. 15E-50	3. 08E-49	101. 4913
RP11-79D8. 2	1. 176468	2. 172095	13. 64946	1. 08E-33	5. 76E-33	63. 72523
UBQLN1	1. 351386	4. 569118	21. 015	4. 76E-62	4. 72E-61	128. 9966
C9orf64	1. 642576	2. 368569	31. 72556	1. 91E-100	8. 18E-99	217. 5441
HNRNPK	1. 540563	7. 235894	19. 45323	4. 83E-56	4. 12E-55	115. 1579
RP11-575L7. 8	-1. 05457	1. 732944	-14. 3617	2. 21E-36	1. 24E-35	69. 90867
GOLM1	3. 134201	5. 418614	33. 9378	1. 26E-107	8. 17E-106	234. 1147
ISCA1	1. 100815	3. 644169	20. 09255	1. 65E-58	1. 49E-57	120. 8389

ZCCHC6	1. 202498	3. 024164	22. 73742	1. 38E-68	1. 64E-67	144. 0641
RP11-40C6. 2	8. 436998	4. 774238	89. 55651	2. 59E-227	1. 57E-222	510. 3652
CTSL	2. 043704	5. 656504	24. 00001	2. 65E-73	3. 64E-72	154. 9411
SPIN1	1. 465376	3. 980522	20. 51995	3. 76E-60	3. 54E-59	124. 6251
SIPR3	1. 627221	2. 126854	21. 62654	2. 21E-64	2. 34E-63	134. 3734
RP11-82L18. 2	-1. 4572	2. 0736	-15. 0338	6. 03E-39	3. 56E-38	75. 80337
CKS2	4. 037861	3. 246804	51. 32461	9. 85E-156	1. 92E-152	345. 1466
SEMA4D	1. 40889	3. 237455	20. 88753	1. 46E-61	1. 43E-60	127. 8725
SYK	1. 822795	2. 986392	30. 19901	2. 47E-95	8. 13E-94	205. 7531
NFIL3	1. 444585	3. 697173	15. 09836	3. 41E-39	2. 02E-38	76. 37254
ROR2	2. 006048	1. 710652	26. 89154	7. 92E-84	1. 55E-82	179. 2108
SPTLC1	1. 681348	4. 260873	23. 02982	1. 10E-69	1. 35E-68	146. 5968
OGN	1. 652682	1. 779173	12. 71672	3. 19E-30	1. 58E-29	55. 75704
OMD	1. 718081	1. 284036	17. 71405	2. 65E-49	1. 94E-48	99. 63795
ASPN	4. 03255	3. 218105	35. 98878	4. 74E-114	4. 67E-112	248. 9393
ECM2	2. 092624	1. 764129	25. 2407	7. 19E-78	1. 15E-76	165. 4697
IPPK	1. 011107	2. 13208	22. 10951	3. 25E-66	3. 61E-65	138. 5994
BICD2	1. 416596	2. 536147	23. 70026	3. 44E-72	4. 54E-71	152. 3731
SUSD3	1. 743341	1. 326247	25. 1104	2. 15E-77	3. 39E-76	164. 3718
C9orf89	2. 482215	4. 042995	33. 42843	5. 37E-106	3. 19E-104	230. 3531
NINJ1	1. 814857	4. 650984	27. 63967	1. 76E-86	3. 81E-85	185. 332
WNK2	-1. 68853	4. 109155	-14. 6955	1. 18E-37	6. 83E-37	72. 82978
FAM120AOS	1. 337698	4. 363708	21. 98561	9. 57E-66	1. 05E-64	137. 5171
FAM120A	1. 486964	4. 914399	22. 44697	1. 72E-67	1. 98E-66	141. 5407
HIATL1	1. 924729	3. 715929	32. 45865	7. 46E-103	3. 66E-101	223. 1028
FBP1	2. 148435	4. 827552	25. 4752	1. 00E-78	1. 65E-77	167. 4407
SLC35D2	1. 248984	4. 60099	19. 39683	7. 98E-56	6. 77E-55	114. 6558
HABP4	1. 574502	2. 604599	28. 76401	2. 05E-90	5. 33E-89	194. 4032
AAED1	1. 365781	2. 265242	25. 10957	2. 17E-77	3. 41E-76	164. 3648
CTSV	1. 621237	1. 626679	16. 51547	1. 18E-44	7. 79E-44	88. 93963
TDRD7	1. 274314	2. 424738	23. 66675	4. 58E-72	6. 03E-71	152. 0855
ANP32B	1. 136459	6. 34595	15. 15843	2. 01E-39	1. 20E-38	76. 90219
NANS	1. 429244	5. 288798	21. 14038	1. 58E-62	1. 59E-61	130. 1012
TRIM14	2. 809543	2. 327101	45. 48455	4. 50E-141	3. 20E-138	311. 3079
CORO2A	3. 565249	1. 932081	47. 76495	5. 86E-147	6. 33E-144	324. 8931
TBC1D2	2. 899339	2. 441259	40. 88314	1. 64E-128	4. 05E-126	282. 315
GALNT12	1. 878514	3. 348624	22. 45124	1. 66E-67	1. 91E-66	141. 5778
COL15A1	2. 232007	3. 76472	22. 21452	1. 30E-66	1. 46E-65	139. 5157
RP11-92C4. 6	1. 131775	1. 141009	15. 64423	2. 72E-41	1. 68E-40	81. 19695
TGFBR1	2. 268226	2. 94345	29. 94677	1. 77E-94	5. 61E-93	203. 7767
NR4A3	1. 15175	1. 21427	10. 59594	1. 16E-22	4. 90E-22	38. 41938
ERP44	1. 003352	3. 82103	20. 56165	2. 60E-60	2. 46E-59	124. 9939
TEX10	1. 096476	2. 639425	21. 54434	4. 55E-64	4. 77E-63	133. 6523
MSANTD3	1. 70473	3. 181527	30. 63674	8. 20E-97	2. 91E-95	209. 164
SANTD3-TMEFF	1. 062935	0. 794161	26. 32187	8. 69E-82	1. 58E-80	174. 5049
BAAT	1. 017006	0. 918037	12. 07416	7. 07E-28	3. 34E-27	50. 37444
MRPL50	1. 092094	2. 66631	22. 33659	4. 49E-67	5. 11E-66	140. 5797
ALDOB	-1. 70289	4. 811504	-7. 71558	1. 57E-13	5. 37E-13	17. 57084
TMEM246	1. 010217	2. 805758	14. 31544	3. 31E-36	1. 84E-35	69. 50473
RNF20	1. 14489	3. 257723	21. 10239	2. 21E-62	2. 21E-61	129. 7667
SMC2	1. 399309	1. 519617	28. 45678	2. 40E-89	5. 89E-88	191. 94
NIPSNAP3A	1. 514709	3. 345072	26. 31528	9. 18E-82	1. 67E-80	174. 4502
SLC44A1	2. 221838	3. 398608	31. 72889	1. 86E-100	7. 98E-99	217. 5695
ZNF462	1. 321718	1. 341361	25. 46558	1. 09E-78	1. 79E-77	167. 36

RAD23B	1. 303714	4. 822355	18. 63293	7. 22E-53	5. 70E-52	107. 8455
KLF4	2. 807479	3. 376669	30. 03858	8. 64E-95	2. 78E-93	204. 497
CTNNAL1	1. 424584	3. 738847	20. 23907	4. 51E-59	4. 13E-58	122. 1381
EPB41L4B	-2. 4152	4. 475628	-22. 5992	4. 58E-68	5. 37E-67	142. 864
PALM2-AKAP2	1. 072762	0. 631162	17. 57581	9. 10E-49	6. 57E-48	98. 40281
AKAP2	2. 365535	2. 841136	27. 27241	3. 50E-85	7. 18E-84	182. 3356
C9orf152	1. 750419	2. 248543	16. 29943	8. 06E-44	5. 25E-43	87. 01588
TXN	2. 675561	6. 73552	33. 36613	8. 52E-106	4. 99E-104	229. 8908
LPAR1	1. 248978	2. 16242	16. 80914	8. 56E-46	5. 82E-45	91. 55767
PTGR1	2. 146337	4. 173532	27. 00035	3. 24E-84	6. 44E-83	180. 1053
NAJC25-GNG1	1. 665662	2. 344308	27. 40274	1. 21E-85	2. 53E-84	183. 4008
GNG10	2. 467345	4. 182478	37. 89692	7. 86E-120	1. 08E-117	262. 279
UGCG	1. 883532	3. 600588	25. 14904	1. 55E-77	2. 46E-76	164. 6976
SUSD1	1. 913091	2. 371809	31. 32709	4. 01E-99	1. 59E-97	214. 4945
PTBP3	2. 339012	3. 454605	35. 69747	3. 76E-113	3. 43E-111	246. 8647
INIP	1. 285557	2. 28427	26. 31914	8. 89E-82	1. 62E-80	174. 4822
FKBP15	1. 224274	3. 242035	22. 71747	1. 64E-68	1. 95E-67	143. 891
SLC31A1	1. 210292	2. 859304	22. 73987	1. 35E-68	1. 61E-67	144. 0854
CDC26	1. 635558	4. 336754	28. 1628	2. 55E-88	5. 95E-87	189. 572
PRPF4	1. 235255	3. 135751	21. 16466	1. 28E-62	1. 29E-61	130. 315
RNF183	1. 902359	1. 182782	23. 07785	7. 28E-70	8. 99E-69	147. 0121
POLE3	1. 420233	4. 178357	23. 4808	2. 26E-71	2. 91E-70	150. 4872
RGS3	2. 13186	4. 622704	29. 94572	1. 79E-94	5. 65E-93	203. 7684
AMBP	-1. 10127	4. 588866	-5. 7759	1. 83E-08	5. 28E-08	6. 116169
AKNA	1. 498231	2. 993208	17. 26708	1. 44E-47	1. 01E-46	95. 64511
ATP6V1G1	2. 080597	5. 744469	31. 1284	1. 84E-98	7. 10E-97	212. 9665
TNFSF15	1. 045156	0. 582981	22. 94288	2. 34E-69	2. 84E-68	145. 8446
TNFSF8	1. 148981	0. 780711	16. 21079	1. 77E-43	1. 15E-42	86. 22726
TNC	3. 404103	2. 436792	28. 7261	2. 78E-90	7. 18E-89	194. 0999
TRIM32	1. 189818	2. 122521	25. 55794	5. 02E-79	8. 34E-78	168. 1346
RPL10P3	1. 195323	0. 653201	28. 16478	2. 51E-88	5. 87E-87	189. 5879
TLR4	1. 558607	1. 425647	23. 03259	1. 08E-69	1. 32E-68	146. 6208
CDK5RAP2	1. 258825	3. 477734	23. 57312	1. 02E-71	1. 33E-70	151. 2811
MEGF9	1. 178883	1. 859004	22. 00189	8. 30E-66	9. 12E-65	137. 6594
FBXW2	1. 057017	3. 391228	17. 14535	4. 26E-47	2. 97E-46	94. 55812
PHF19	2. 442202	2. 907406	37. 69378	3. 18E-119	4. 26E-117	260. 8792
TRAF1	1. 05423	1. 928489	15. 86909	3. 70E-42	2. 33E-41	83. 191
C5	-1. 74819	2. 166543	-22. 9078	3. 16E-69	3. 83E-68	145. 5411
RAB14	1. 688543	4. 209178	28. 17913	2. 24E-88	5. 24E-87	189. 7038
GSN	3. 119463	7. 076991	32. 40434	1. 12E-102	5. 43E-101	222. 6932
STOM	2. 474384	4. 817434	28. 30538	8. 09E-89	1. 94E-87	190. 7218
GGTA1P	1. 847128	1. 524915	23. 59413	8. 55E-72	1. 11E-70	151. 4616
DAB2IP	1. 376607	3. 574253	19. 37657	9. 55E-56	8. 08E-55	114. 4755
NDUFA8	1. 919589	4. 752478	33. 42145	5. 66E-106	3. 35E-104	230. 3014
RBM18	1. 498181	2. 402636	29. 24086	4. 62E-92	1. 30E-90	198. 2032
PTGS1	2. 058956	1. 778408	28. 46179	2. 30E-89	5. 67E-88	191. 9802
PDCL	1. 548871	2. 380011	31. 72122	1. 98E-100	8. 45E-99	217. 511
RC3H2	1. 467715	2. 499073	29. 59185	2. 89E-93	8. 58E-92	200. 9823
ZBTB6	1. 04793	1. 590555	24. 18261	5. 57E-74	7. 85E-73	156. 501
DENND1A	1. 66092	2. 390759	32. 75881	7. 84E-104	4. 11E-102	225. 3593
NEK6	2. 079934	3. 768494	30. 75951	3. 17E-97	1. 14E-95	210. 1163
PSMB7	1. 367432	6. 319986	20. 24084	4. 44E-59	4. 07E-58	122. 1537
OLFML2A	1. 403281	1. 938198	20. 61553	1. 61E-60	1. 54E-59	125. 4703
ARPC5L	2. 087331	4. 544596	32. 97094	1. 61E-104	8. 71E-103	226. 9473

RABEPK	1. 364045	3. 235216	28. 58555	8. 55E-90	2. 15E-88	192. 9738
HSPA5	1. 338026	6. 983136	15. 25524	8. 53E-40	5. 12E-39	77. 75644
MAPKAP1	1. 40491	4. 76756	24. 42679	6. 98E-75	1. 01E-73	158. 5815
ANGPTL2	3. 26186	2. 998131	34. 44811	3. 03E-109	2. 19E-107	237. 8511
LRSAM1	1. 191857	2. 860969	20. 37254	1. 38E-59	1. 29E-58	123. 3204
FAM129B	1. 305532	6. 328181	14. 35713	2. 30E-36	1. 29E-35	69. 86856
SH2D3C	1. 330318	2. 152853	18. 15314	5. 24E-51	3. 96E-50	103. 561
FPGS	1. 138454	4. 828169	16. 48677	1. 52E-44	1. 00E-43	88. 68395
ENG	1. 822105	5. 213725	23. 70844	3. 21E-72	4. 24E-71	152. 4433
AK1	2. 362879	5. 080742	29. 86179	3. 45E-94	1. 08E-92	203. 109
FAM102A	2. 143604	4. 842149	25. 01369	4. 86E-77	7. 53E-76	163. 5558
NAIF1	1. 381116	2. 315196	32. 92181	2. 32E-104	1. 24E-102	226. 58
PTGES2	1. 102505	5. 221833	16. 47113	1. 75E-44	1. 15E-43	88. 54465
LCN2	6. 185964	6. 896062	31. 98363	2. 69E-101	1. 20E-99	219. 5086
C9orf16	1. 649524	5. 942406	17. 74384	2. 03E-49	1. 49E-48	99. 90412
SWI5	1. 711346	3. 948382	29. 21125	5. 85E-92	1. 64E-90	197. 9681
TRUB2	1. 360131	3. 383525	25. 31439	3. 87E-78	6. 26E-77	166. 0897
SLC27A4	1. 319973	3. 736158	20. 7151	6. 70E-61	6. 46E-60	126. 3502
URM1	1. 062224	5. 020013	16. 49837	1. 37E-44	9. 06E-44	88. 78736
CERCAM	2. 25478	4. 486329	24. 34853	1. 36E-74	1. 95E-73	157. 9153
ODF2	1. 088913	3. 366913	18. 95354	4. 14E-54	3. 37E-53	110. 7059
GLE1	1. 360498	2. 805579	26. 47884	2. 37E-82	4. 41E-81	175. 8054
SPTAN1	1. 960532	5. 961954	25. 71225	1. 38E-79	2. 34E-78	169. 4268
WDR34	1. 524237	4. 835215	21. 05512	3. 35E-62	3. 33E-61	129. 3502
SET	1. 783162	6. 359646	22. 80804	7. 50E-69	8. 98E-68	144. 6765
PKN3	1. 059745	2. 237515	17. 43173	3. 30E-48	2. 35E-47	97. 11569
P11-545E17.	1. 226149	1. 630827	21. 53757	4. 82E-64	5. 05E-63	133. 5929
ZER1	1. 101675	3. 672341	20. 57833	2. 24E-60	2. 13E-59	125. 1415
C9orf114	1. 073889	4. 292277	17. 47799	2. 18E-48	1. 56E-47	97. 52895
CCBL1	1. 233348	2. 000409	20. 82567	2. 53E-61	2. 46E-60	127. 3266
LRRC8A	2. 749098	4. 218134	32. 21603	4. 64E-102	2. 17E-100	221. 2705
DOLK	1. 116317	2. 886008	22. 58706	5. 09E-68	5. 95E-67	142. 7587
DOLPP1	1. 308914	2. 940104	25. 0602	3. 28E-77	5. 13E-76	163. 9484
PPP2R4	2. 165576	5. 662407	29. 37796	1. 56E-92	4. 47E-91	199. 2906
IER5L	2. 319954	2. 555592	23. 08254	6. 99E-70	8. 64E-69	147. 0526
LINC01503	2. 661523	1. 997093	30. 93236	8. 34E-98	3. 11E-96	211. 454
NTMT1	1. 744913	4. 457229	28. 64409	5. 35E-90	1. 36E-88	193. 4431
ASB6	1. 00658	3. 210231	19. 33141	1. 43E-55	1. 20E-54	114. 0734
PRRX2	2. 703861	1. 719498	31. 3104	4. 56E-99	1. 81E-97	214. 3664
PTGES	3. 993611	2. 531636	36. 22093	9. 18E-115	9. 38E-113	250. 5852
TOR1B	1. 432088	3. 31625	24. 94884	8. 40E-77	1. 30E-75	163. 0079
TOR1A	1. 690851	3. 81865	31. 63821	3. 72E-100	1. 57E-98	216. 8774
C9orf78	1. 361347	4. 673538	22. 06736	4. 69E-66	5. 18E-65	138. 2313
FNBP1	1. 636801	2. 75237	23. 15327	3. 80E-70	4. 73E-69	147. 6637
GPR107	1. 536142	3. 472594	25. 8354	4. 95E-80	8. 48E-79	170. 4561
NCS1	1. 861011	2. 295418	26. 15144	3. 57E-81	6. 36E-80	173. 0895
ASS1	3. 002784	5. 763091	32. 26614	3. 18E-102	1. 51E-100	221. 6496
ABL1	1. 30391	3. 814605	18. 56662	1. 30E-52	1. 02E-51	107. 2536
FIBCD1	2. 203194	1. 087582	18. 38357	6. 69E-52	5. 17E-51	105. 6191
NUP214	1. 35373	4. 141126	23. 48336	2. 21E-71	2. 85E-70	150. 5092
FAM78A	1. 355156	1. 181567	20. 94071	9. 16E-62	9. 02E-61	128. 3416
MED27	1. 916664	2. 986368	39. 40455	2. 87E-124	5. 24E-122	272. 5198
SETX	1. 11947	3. 501963	18. 86933	8. 76E-54	7. 08E-53	109. 9548
TTF1	1. 175884	2. 834707	22. 5495	7. 06E-68	8. 22E-67	142. 4323

GTF3C4	1. 13556	1. 807552	25. 17714	1. 23E-77	1. 95E-76	164. 9344
AK8	1. 193465	0. 943371	20. 40386	1. 05E-59	9. 77E-59	123. 5977
EEF1A1P5	1. 27119	6. 345671	14. 03418	3. 85E-35	2. 10E-34	67. 05597
CEL	-8. 19665	9. 382283	-23. 7606	2. 05E-72	2. 74E-71	152. 8905
CELP	-6. 09918	4. 654034	-30. 593	1. 15E-96	4. 06E-95	208. 824
RALGDS	1. 049968	4. 669366	14. 22222	7. 47E-36	4. 13E-35	68. 69191
GBGT1	1. 265357	2. 087994	12. 67413	4. 58E-30	2. 26E-29	55. 39739
MED22	1. 127467	3. 001527	22. 03052	6. 47E-66	7. 12E-65	137. 9095
SURF4	1. 088034	6. 234144	15. 22562	1. 11E-39	6. 64E-39	77. 49492
CACFD1	1. 363576	3. 65882	21. 3278	3. 04E-63	3. 12E-62	131. 7503
SLC2A6	1. 626406	1. 793762	22. 71138	1. 73E-68	2. 05E-67	143. 8382
ADAMTSL2	1. 859088	2. 680395	20. 66917	1. 01E-60	9. 64E-60	125. 9444
DBH-AS1	-1. 32354	1. 534033	-19. 3684	1. 03E-55	8. 68E-55	114. 4028
SARDH	-1. 81861	2. 589389	-26. 1096	5. 05E-81	8. 95E-80	172. 7415
BRD3	1. 215813	2. 843791	21. 17939	1. 12E-62	1. 13E-61	130. 4447
COL5A1	4. 924347	4. 250019	40. 42491	3. 30E-127	7. 34E-125	279. 3052
FCN1	1. 79349	1. 618594	13. 01373	2. 55E-31	1. 29E-30	58. 27617
C9orf116	1. 151395	2. 081766	18. 67418	5. 00E-53	3. 96E-52	108. 2137
PAEP	1. 471804	0. 710763	11. 66198	2. 14E-26	9. 80E-26	46. 97599
CAMSAP1	1. 094735	2. 351226	19. 82506	1. 77E-57	1. 57E-56	118. 4644
UBAC1	1. 369939	4. 03067	24. 91118	1. 15E-76	1. 77E-75	162. 6896
C9orf69	1. 776036	3. 499068	31. 28249	5. 65E-99	2. 23E-97	214. 1519
EGFL7	1. 226644	4. 103813	12. 20472	2. 38E-28	1. 13E-27	51. 46017
AGPAT2	1. 126108	6. 06247	11. 91216	2. 71E-27	1. 27E-26	49. 03336
TMEM141	1. 738727	5. 997138	20. 63839	1. 32E-60	1. 26E-59	125. 6724
EDF1	1. 079531	8. 467685	13. 30973	2. 02E-32	1. 05E-31	60. 80417
TRAF2	2. 109541	2. 99608	34. 43809	3. 26E-109	2. 34E-107	237. 7781
PTGDS	1. 931444	5. 759506	13. 13731	8. 87E-32	4. 54E-31	59. 32951
CLIC3	4. 436047	2. 549022	34. 4395	3. 22E-109	2. 32E-107	237. 7884
ABCA2	1. 173037	4. 193465	15. 56875	5. 32E-41	3. 27E-40	80. 5284
NPDC1	1. 437677	5. 787092	13. 11907	1. 04E-31	5. 30E-31	59. 17391
ENTPD2	2. 524677	2. 283908	28. 13349	3. 23E-88	7. 50E-87	189. 3353
SAPCD2	2. 122865	1. 209365	33. 45052	4. 56E-106	2. 72E-104	230. 5169
MAN1B1	1. 71868	4. 826671	26. 35052	6. 85E-82	1. 25E-80	174. 7424
DPP7	1. 068799	6. 612449	13. 06065	1. 71E-31	8. 69E-31	58. 67578
SSNA1	1. 135216	5. 604298	16. 54746	8. 84E-45	5. 88E-44	89. 22472
TPRN	-1. 14406	4. 68908	-12. 8214	1. 31E-30	6. 55E-30	56. 64306
TMEM203	1. 477835	4. 083817	29. 13496	1. 07E-91	2. 97E-90	197. 3618
CYSRT1	1. 028135	1. 051912	14. 19717	9. 30E-36	5. 13E-35	68. 47368
TUBB4B	2. 420029	6. 336257	29. 09235	1. 50E-91	4. 13E-90	197. 0228
NELFB	1. 349312	4. 541973	22. 3167	5. 34E-67	6. 06E-66	140. 4064
TOR4A	2. 901615	2. 65067	40. 28285	8. 41E-127	1. 80E-124	278. 3674
ENTPD8	1. 230843	1. 56995	12. 614	7. 61E-30	3. 73E-29	54. 89024
PNPLA7	-1. 47804	2. 950638	-20. 8132	2. 82E-61	2. 74E-60	127. 2167
ZMYND19	1. 134062	3. 495192	20. 63415	1. 37E-60	1. 31E-59	125. 6349
ARRDC1	1. 333939	5. 470878	15. 62287	3. 29E-41	2. 03E-40	81. 00773
DIP2C	1. 144185	2. 154863	20. 42013	9. 08E-60	8. 48E-59	123. 7417
LARP4B	1. 165702	3. 62159	20. 33576	1. 92E-59	1. 77E-58	122. 9947
GTPBP4	1. 490689	3. 969616	24. 05538	1. 65E-73	2. 28E-72	155. 4145
IDI1	1. 474125	4. 100809	20. 1772	7. 80E-59	7. 11E-58	121. 5896
PFKP	3. 714442	4. 294944	38. 77917	1. 93E-122	3. 19E-120	268. 3033
KLF6	1. 423933	5. 210052	12. 9712	3. 67E-31	1. 85E-30	57. 91434
AKR1C2	2. 236561	3. 229103	16. 52989	1. 03E-44	6. 86E-44	89. 06818
AKR1C1	1. 20103	3. 911131	8. 743049	1. 35E-16	4. 95E-16	24. 55723

AKR1C3	2. 434842	4. 994303	24. 15212	7. 23E-74	1. 01E-72	156. 2408
UCN3	1. 098409	1. 648077	8. 583021	4. 19E-16	1. 52E-15	23. 43256
NET1	2. 347851	4. 790069	26. 90351	7. 18E-84	1. 41E-82	179. 3093
P13-463N16.	1. 371526	0. 666968	20. 01452	3. 30E-58	2. 97E-57	120. 1466
ASB13	1. 496343	3. 43096	21. 87	2. 63E-65	2. 85E-64	136. 5061
GDI2	1. 304051	6. 268159	17. 78218	1. 44E-49	1. 06E-48	100. 2467
FBX018	1. 181871	4. 602687	18. 55652	1. 43E-52	1. 12E-51	107. 1634
IL15RA	1. 72095	3. 836758	19. 41691	6. 67E-56	5. 67E-55	114. 8346
IL2RA	1. 944548	1. 03396	24. 1645	6. 50E-74	9. 13E-73	156. 3465
PFKFB3	2. 322077	3. 901202	23. 24402	1. 74E-70	2. 19E-69	148. 447
RP11-554I8. 2	1. 280292	0. 626785	18. 46624	3. 20E-52	2. 49E-51	106. 3573
ITIH5	1. 736208	2. 884026	17. 98442	2. 36E-50	1. 77E-49	102. 0536
ITIH2	1. 277353	0. 72554	17. 06997	8. 35E-47	5. 80E-46	93. 88513
KIN	1. 379597	2. 538114	29. 96358	1. 56E-94	4. 94E-93	203. 9086
ATP5C1	1. 269025	7. 039618	16. 97004	2. 04E-46	1. 40E-45	92. 9932
GATA3	2. 020589	1. 093916	25. 38169	2. 20E-78	3. 59E-77	166. 6555
CELF2	1. 410515	1. 574444	16. 9313	2. 88E-46	1. 98E-45	92. 64751
USP6NL	1. 675243	2. 185126	33. 13369	4. 79E-105	2. 68E-103	228. 1619
ECHDC3	-1. 23024	2. 886353	-15. 1369	2. 43E-39	1. 44E-38	76. 71258
PROSER2	1. 122739	2. 62142	15. 12789	2. 63E-39	1. 56E-38	76. 63284
NUDT5	1. 735833	4. 421238	28. 67379	4. 22E-90	1. 08E-88	193. 6811
CDC123	1. 917061	4. 516383	33. 02297	1. 09E-104	6. 00E-103	227. 336
CCDC3	2. 080951	2. 232747	24. 11318	1. 01E-73	1. 40E-72	155. 9083
OPTN	2. 076091	4. 833935	30. 50906	2. 21E-96	7. 63E-95	208. 1716
PRPF18	1. 390639	3. 089789	28. 96751	4. 05E-91	1. 09E-89	196. 0284
RP11-295P9. 5	-1. 05269	3. 724588	-14. 7053	1. 09E-37	6. 27E-37	72. 91577
HSPA14	1. 067443	3. 303978	19. 99848	3. 81E-58	3. 41E-57	120. 0042
DCLRE1C	1. 133499	1. 744258	23. 55017	1. 25E-71	1. 62E-70	151. 0838
RPP38	1. 51312	3. 407533	29. 79591	5. 79E-94	1. 79E-92	202. 5909
RSU1	1. 481301	4. 802296	20. 79591	3. 28E-61	3. 19E-60	127. 0639
VIM	2. 506371	8. 177852	22. 62294	3. 73E-68	4. 38E-67	143. 0705
HACD1	1. 018733	1. 936059	11. 29222	4. 39E-25	1. 95E-24	43. 96785
STAM	1. 064593	2. 833639	19. 77877	2. 67E-57	2. 35E-56	118. 053
MRC1	2. 253135	2. 14501	18. 63647	7. 00E-53	5. 53E-52	107. 8771
P11-499P20.	-1. 2447	1. 637755	-24. 6002	1. 60E-75	2. 37E-74	160. 0549
PLXDC2	3. 084203	2. 473794	34. 58155	1. 15E-109	8. 47E-108	238. 8229
BMI1	1. 177246	3. 886538	16. 33645	5. 79E-44	3. 79E-43	87. 34537
PIP4K2A	1. 992259	2. 787624	30. 88897	1. 17E-97	4. 31E-96	211. 1185
MSRB2	2. 886587	3. 729802	41. 61214	1. 45E-130	4. 23E-128	287. 0562
PTF1A	-3. 56527	2. 499095	-32. 1311	8. 82E-102	4. 06E-100	220. 6272
OTUD1	1. 307181	2. 425979	25. 78226	7. 71E-80	1. 32E-78	170. 0122
KIAA1217	1. 692301	3. 595293	23. 796	1. 51E-72	2. 03E-71	153. 1944
ARHGAP21	1. 356062	3. 653995	20. 25134	4. 05E-59	3. 71E-58	122. 2468
PRTFDC1	2. 037787	2. 118754	35. 01815	4. 88E-111	3. 94E-109	241. 9872
APBB1IP	1. 563042	1. 925031	18. 33607	1. 02E-51	7. 88E-51	105. 1949
PDSS1	1. 219131	1. 629563	26. 54012	1. 43E-82	2. 68E-81	176. 3123
ABI1	1. 878422	3. 890451	29. 75249	8. 15E-94	2. 49E-92	202. 249
YME1L1	1. 464137	4. 576925	23. 64545	5. 50E-72	7. 21E-71	151. 9025
MASTL	1. 276245	1. 720128	27. 74704	7. 35E-87	1. 61E-85	186. 205
ACBD5	1. 842588	2. 835125	29. 91561	2. 26E-94	7. 11E-93	203. 532
RAB18	1. 532177	4. 300044	23. 10981	5. 52E-70	6. 85E-69	147. 2883
WAC-AS1	1. 436978	2. 988611	29. 40835	1. 23E-92	3. 54E-91	199. 5313
WAC	1. 123042	4. 718481	16. 46848	1. 79E-44	1. 18E-43	88. 52109
BAMBI	1. 892106	2. 42406	25. 58848	3. 89E-79	6. 49E-78	168. 3906

PTCHD3P1	1. 226932	1. 353856	18. 41525	5. 04E-52	3. 91E-51	105. 902
SVIL	1. 832124	3. 421176	23. 37965	5. 40E-71	6. 88E-70	149. 6163
MAP3K8	1. 527118	2. 58078	20. 81154	2. 86E-61	2. 78E-60	127. 2019
ZNF438	1. 64571	1. 931072	38. 0376	3. 00E-120	4. 26E-118	263. 2457
ZEB1-AS1	1. 492873	1. 876477	27. 21812	5. 45E-85	1. 11E-83	181. 8912
ZEB1	2. 128305	2. 452922	25. 43144	1. 45E-78	2. 38E-77	167. 0733
ARHGAP12	1. 092581	3. 956929	18. 11508	7. 36E-51	5. 55E-50	103. 2209
KIF5B	1. 825073	4. 277428	27. 48042	6. 41E-86	1. 36E-84	184. 0347
P11-479G22.	1. 428263	1. 407215	23. 21382	2. 25E-70	2. 83E-69	148. 1865
ITGB1	3. 18118	6. 733736	34. 75569	3. 25E-110	2. 46E-108	240. 0877
NRP1	1. 733998	4. 09309	20. 41521	9. 49E-60	8. 85E-59	123. 6982
CUL2	1. 297274	2. 943123	24. 54702	2. 52E-75	3. 70E-74	159. 6035
CREM	1. 547035	3. 86921	20. 88041	1. 56E-61	1. 53E-60	127. 8097
CCNY	1. 281424	4. 032438	20. 99886	5. 49E-62	5. 43E-61	128. 8544
NAMPTP1	1. 525923	1. 570307	15. 95833	1. 68E-42	1. 06E-41	83. 98326
BMS1	1. 219185	2. 644401	28. 78541	1. 73E-90	4. 51E-89	194. 5744
CSGALNACT2	1. 870899	2. 732465	26. 37108	5. 78E-82	1. 06E-80	174. 9129
HNRNPF	2. 003208	5. 856857	25. 75266	9. 87E-80	1. 67E-78	169. 7647
ZNF487	1. 309483	1. 613875	29. 47629	7. 18E-93	2. 09E-91	200. 069
ALOX5	1. 758365	4. 716471	16. 41041	3. 00E-44	1. 97E-43	88. 00387
TIMM23	2. 048521	4. 485786	37. 88352	8. 62E-120	1. 19E-117	262. 1869
NCOA4	1. 584879	4. 922972	22. 8323	6. 08E-69	7. 31E-68	144. 8868
MSMB	1. 90753	1. 26161	11. 44419	1. 28E-25	5. 74E-25	45. 19936
ANXA8L1	3. 354103	1. 789517	24. 78484	3. 36E-76	5. 08E-75	161. 6206
HNRNPA1P33	2. 709223	1. 431934	27. 00259	3. 18E-84	6. 33E-83	180. 1237
GDF10	-1. 99163	1. 441322	-32. 3274	2. 00E-102	9. 63E-101	222. 1123
ZNF488	1. 08177	0. 547912	19. 13865	7. 95E-55	6. 60E-54	112. 3562
ANXA8	3. 952987	2. 088604	26. 39846	4. 61E-82	8. 48E-81	175. 1398
CTSLP2	-1. 02465	0. 895254	-18. 1451	5. 62E-51	4. 25E-50	103. 4895
7-42404400C2	-1. 03892	0. 83105	-20. 787	3. 55E-61	3. 45E-60	126. 9849
CH17-360D5. 2	2. 615764	1. 359507	31. 90586	4. 86E-101	2. 14E-99	218. 9175
CH17-360D5. 3	1. 681504	0. 84449	20. 61121	1. 68E-60	1. 60E-59	125. 4321
MAPK8	1. 023401	3. 29428	15. 68231	1. 94E-41	1. 20E-40	81. 53438
ARHGAP22	1. 193827	1. 580139	20. 70906	7. 07E-61	6. 81E-60	126. 2969
WDFY4	1. 753826	1. 238218	21. 58391	3. 21E-64	3. 38E-63	133. 9995
VSTM4	1. 837901	1. 414717	27. 75791	6. 73E-87	1. 48E-85	186. 2933
C10orf128	1. 678963	2. 246254	20. 36014	1. 54E-59	1. 43E-58	123. 2106
PARG	1. 287202	2. 352766	26. 37998	5. 37E-82	9. 86E-81	174. 9866
FAM21A	1. 214623	3. 495861	21. 50616	6. 35E-64	6. 63E-63	133. 3172
PRKG1	1. 488101	1. 296694	26. 65646	5. 48E-83	1. 04E-81	177. 2735
CSTF2T	1. 203332	2. 77884	24. 37101	1. 12E-74	1. 61E-73	158. 1068
DKK1	3. 584281	1. 907665	26. 0331	9. 54E-81	1. 67E-79	172. 1048
ZWINT	2. 809757	2. 516243	42. 58835	2. 81E-133	1. 07E-130	293. 3161
CISD1	1. 844599	3. 857707	33. 30888	1. 30E-105	7. 54E-104	229. 4656
UBE2D1	1. 725575	2. 777372	28. 85505	9. 92E-91	2. 62E-89	195. 1309
TFAM	1. 270114	2. 714446	20. 87221	1. 68E-61	1. 64E-60	127. 7374
CCDC6	1. 680271	3. 701	28. 4016	3. 74E-89	9. 09E-88	191. 4963
CDK1	3. 235045	2. 008283	48. 14683	6. 35E-148	7. 39E-145	327. 1203
ARID5B	2. 052903	2. 09683	28. 09133	4. 54E-88	1. 05E-86	188. 9947
RTKN2	1. 615295	0. 840278	27. 88046	2. 49E-87	5. 57E-86	187. 2878
ZNF365	1. 719934	0. 954442	24. 83138	2. 26E-76	3. 45E-75	162. 0146
ADO	1. 864442	2. 424522	44. 15566	1. 53E-137	7. 90E-135	303. 158
EGR2	2. 808367	1. 740473	31. 47385	1. 30E-99	5. 33E-98	215. 6201
NRBF2	1. 832241	3. 069005	36. 7919	1. 66E-116	1. 89E-114	254. 6062

JMJD1C	1. 232489	4. 145403	18. 0462	1. 36E-50	1. 02E-49	102. 6056
REEP3	2. 346484	3. 008076	34. 80041	2. 35E-110	1. 80E-108	240. 412
HERC4	1. 07576	3. 354686	18. 0749	1. 05E-50	7. 92E-50	102. 862
DDX50	1. 169357	3. 83322	21. 13139	1. 71E-62	1. 72E-61	130. 022
DDX21	1. 082719	4. 076833	13. 02476	2. 32E-31	1. 18E-30	58. 37008
KIF1BP	1. 418962	2. 979885	25. 52609	6. 56E-79	1. 09E-77	167. 8676
SRGN	3. 372723	4. 788749	29. 2373	4. 75E-92	1. 33E-90	198. 175
VPS26A	1. 715712	3. 921227	30. 41829	4. 47E-96	1. 53E-94	207. 4648
SUPV3L1	1. 112077	3. 822681	19. 57571	1. 63E-56	1. 40E-55	116. 2477
HKDC1	2. 336665	2. 931816	25. 97414	1. 56E-80	2. 71E-79	171. 6136
HK1	3. 035114	3. 926738	42. 76526	9. 15E-134	3. 66E-131	294. 4397
TSPAN15	3. 447185	4. 690661	37. 15428	1. 33E-117	1. 61E-115	257. 1382
C10orf35	1. 139713	2. 631577	20. 7332	5. 71E-61	5. 52E-60	126. 5101
COL13A1	1. 549961	1. 504334	25. 67369	1. 91E-79	3. 21E-78	169. 1042
H2AFY2	1. 945011	2. 838601	28. 41874	3. 25E-89	7. 96E-88	191. 6342
AIFM2	1. 808686	2. 39465	34. 8856	1. 27E-110	9. 89E-109	241. 029
SAR1A	1. 595117	4. 578847	28. 78302	1. 76E-90	4. 59E-89	194. 5553
PPA1	1. 356089	6. 696038	16. 29772	8. 18E-44	5. 33E-43	87. 00072
LRRC20	1. 817464	1. 975274	34. 12634	3. 16E-108	2. 13E-106	235. 4989
PRF1	1. 542977	1. 19396	24. 8842	1. 45E-76	2. 22E-75	162. 4615
ADAMTS14	1. 973431	1. 07619	30. 58521	1. 22E-96	4. 30E-95	208. 7637
SGPL1	1. 315345	3. 659176	20. 4513	6. 89E-60	6. 45E-59	124. 0176
UNC5B	2. 700354	2. 579074	34. 9385	8. 67E-111	6. 89E-109	241. 4116
UNC5B-AS1	2. 284271	1. 288835	20. 49738	4. 59E-60	4. 32E-59	124. 4254
SLC29A3	1. 59476	2. 33799	28. 47407	2. 09E-89	5. 14E-88	192. 0789
C10orf54	2. 669031	4. 120596	32. 1275	9. 06E-102	4. 16E-100	220. 6001
PSAP	2. 227239	8. 460759	25. 26669	5. 78E-78	9. 29E-77	165. 6885
CHST3	1. 403051	2. 042805	19. 47383	4. 02E-56	3. 44E-55	115. 3412
SPOCK2	2. 705879	2. 036346	26. 64409	6. 06E-83	1. 15E-81	177. 1713
ASCC1	1. 074515	3. 676414	12. 60181	8. 44E-30	4. 14E-29	54. 7875
P11-442H21.	2. 390185	1. 214565	12. 73264	2. 79E-30	1. 38E-29	55. 89164
DNAJB12	1. 26917	4. 10332	21. 46226	9. 34E-64	9. 71E-63	132. 9317
MICU1	2. 316679	4. 030335	40. 94555	1. 09E-128	2. 74E-126	282. 7232
MCU	2. 664208	3. 539134	34. 71201	4. 46E-110	3. 35E-108	239. 7708
P4HA1	2. 152021	3. 903469	23. 86765	8. 20E-73	1. 11E-71	153. 8083
ECD	1. 528337	3. 223907	31. 50171	1. 05E-99	4. 31E-98	215. 8334
FAM149B1	1. 000321	3. 232774	19. 26976	2. 47E-55	2. 08E-54	113. 5243
DNAJC9	1. 457995	2. 823339	28. 95262	4. 56E-91	1. 22E-89	195. 9096
MRPS16	1. 498599	5. 217975	24. 68933	7. 53E-76	1. 13E-74	160. 8113
ANXA7	1. 929795	5. 358781	27. 38535	1. 39E-85	2. 90E-84	183. 2588
PPP3CB	1. 058904	3. 840894	19. 16141	6. 49E-55	5. 40E-54	112. 559
FUT11	1. 898173	3. 06353	31. 80139	1. 07E-100	4. 66E-99	218. 1222
CHCHD1	1. 956051	4. 530651	34. 93008	9. 21E-111	7. 30E-109	241. 3508
CAMK2G	1. 386515	3. 204203	22. 08844	3. 90E-66	4. 32E-65	138. 4155
PLAU	4. 869198	4. 00365	41. 7716	5. 18E-131	1. 61E-128	288. 0857
VCL	2. 334455	4. 552479	32. 2601	3. 33E-102	1. 57E-100	221. 6039
AP3M1	1. 009387	3. 198745	18. 93383	4. 93E-54	4. 01E-53	110. 5302
ADK	1. 470516	3. 450011	25. 48857	8. 98E-79	1. 48E-77	167. 5529
SAMD8	1. 313171	1. 997438	26. 17978	2. 82E-81	5. 04E-80	173. 3251
VDAC2	1. 100355	6. 437925	14. 15952	1. 29E-35	7. 11E-35	68. 14587
COMTD1	-1. 1244	5. 430153	-11. 9476	2. 02E-27	9. 47E-27	49. 3259
KCNMA1	1. 069795	2. 404042	12. 17181	3. 13E-28	1. 49E-27	51. 18607
RP13-39P12. 5	1. 483866	2. 076415	13. 87527	1. 53E-34	8. 27E-34	65. 67745
DLG5	1. 293499	3. 334506	17. 95096	3. 19E-50	2. 37E-49	101. 7546

RPS24	1.203242	10.94863	11.42747	1.46E-25	6.56E-25	45.06351
ZMIZ1	1.313627	3.887051	18.31287	1.26E-51	9.67E-51	104.9877
ZCCHC24	1.783431	2.904638	21.45794	9.70E-64	1.01E-62	132.8938
MBL1P	-1.8301	1.597798	-35.2	1.32E-111	1.10E-109	243.2984
PLAC9	1.756565	2.61194	20.03334	2.79E-58	2.51E-57	120.3136
ANXA11	2.45613	6.852394	29.94747	1.76E-94	5.58E-93	203.7822
LINCO0857	2.163235	1.235543	38.7546	2.28E-122	3.72E-120	268.1368
EIF5AP4	2.441686	1.25016	54.31173	9.80E-163	3.71E-159	361.3098
MAT1A	-2.66223	2.158439	-32.7862	6.39E-104	3.35E-102	225.5649
FAM213A	1.517662	4.596129	26.19942	2.40E-81	4.29E-80	173.4883
TSPAN14	1.948604	4.491491	28.98331	3.57E-91	9.65E-90	196.1543
NRG3	1.600009	0.820221	19.44271	5.30E-56	4.52E-55	115.0643
GHITM	1.778321	5.496531	28.26026	1.16E-88	2.76E-87	190.3582
CCSER2	1.440319	2.484507	25.24821	6.75E-78	1.08E-76	165.5329
GRID1	1.042991	0.999648	21.60032	2.78E-64	2.93E-63	134.1435
WAPAL	1.443542	3.433234	28.36651	4.95E-89	1.20E-87	191.214
BMPR1A	1.003117	1.879451	18.20263	3.37E-51	2.56E-50	104.003
MMRN2	1.366222	2.575905	19.62205	1.08E-56	9.34E-56	116.6599
SNCG	2.918769	3.196094	21.40704	1.52E-63	1.57E-62	132.4467
ADIRF-AS1	-1.06609	1.988592	-12.5616	1.19E-29	5.79E-29	54.44861
ADIRF	2.09372	5.230601	17.97536	2.56E-50	1.91E-49	101.9727
GLUD1	1.465315	5.201835	21.9848	9.64E-66	1.06E-64	137.51
ATAD1	1.685417	3.38377	30.46325	3.15E-96	1.09E-94	207.815
PTEN	1.117622	4.466213	16.79228	9.96E-46	6.76E-45	91.40725
RNLS	1.203578	2.31381	22.7183	1.63E-68	1.94E-67	143.8983
ANKRD22	1.747877	3.096365	14.06637	2.91E-35	1.59E-34	67.33562
STAMBPL1	1.463301	1.954587	26.5279	1.58E-82	2.96E-81	176.2113
ACTA2	4.23767	6.819205	33.68578	8.04E-107	4.99E-105	232.2576
FAS	2.014288	2.540665	27.75589	6.84E-87	1.50E-85	186.2769
CH25H	1.716616	1.408219	20.39561	1.13E-59	1.05E-58	123.5247
LIPA	2.404816	4.166907	30.42273	4.32E-96	1.48E-94	207.4994
IFIT2	2.212074	1.837872	31.78663	1.20E-100	5.20E-99	218.0098
IFIT3	2.708478	2.812887	28.57655	9.19E-90	2.30E-88	192.9016
IFIT1	2.696801	2.849377	23.14732	3.99E-70	4.98E-69	147.6123
IFIT5	1.612351	2.155684	28.53246	1.31E-89	3.25E-88	192.5478
SLC16A12	-2.15068	2.052821	-21.9158	1.76E-65	1.92E-64	136.9068
KIF20B	1.249232	0.93946	29.79394	5.88E-94	1.82E-92	202.5753
RPP30	1.574702	3.847237	29.97156	1.46E-94	4.64E-93	203.9713
ANKRD1	1.051667	0.962559	10.49276	2.62E-22	1.10E-21	37.6112
PCGF5	1.278689	3.617833	23.45502	2.82E-71	3.63E-70	150.2653
SRP9P1	1.090493	2.199216	6.443746	4.32E-10	1.33E-09	9.777547
KIF11	1.963139	1.204582	39.68201	4.51E-125	8.69E-123	274.3765
EXOC6	1.128851	2.790645	17.52597	1.42E-48	1.02E-47	97.95756
MYOF	3.719331	3.820883	42.12877	5.24E-132	1.79E-129	290.3816
CEP55	2.654503	1.38847	42.83605	5.85E-134	2.41E-131	294.8884
RBP4	1.625257	4.270733	11.91936	2.56E-27	1.19E-26	49.09285
HELLS	1.570131	1.402364	32.36989	1.45E-102	7.01E-101	222.4333
CYP2C18	3.054566	1.595354	28.32428	6.95E-89	1.67E-87	190.874
CYP2C9	1.827225	1.117149	16.81133	8.40E-46	5.71E-45	91.57719
MTND4P20	1.210455	0.691031	14.45517	9.75E-37	5.50E-36	70.72514
ACSM6	-1.00514	0.568182	-14.6876	1.27E-37	7.31E-37	72.76056
PDLIM1	2.271425	6.327739	26.4815	2.32E-82	4.31E-81	175.8274
TCTN3	1.328054	3.887336	25.52548	6.59E-79	1.09E-77	167.8625
ENTPD1	2.89553	2.484187	38.57613	7.63E-122	1.21E-119	266.9249

TM9SF3	1. 91739	5. 072825	27. 8681	2. 76E-87	6. 16E-86	187. 1876
PIK3AP1	1. 494371	3. 223511	16. 84432	6. 26E-46	4. 27E-45	91. 87151
RPL13AP5	1. 112764	6. 308419	13. 1645	7. 03E-32	3. 61E-31	59. 56172
PGAM1	2. 355231	6. 018136	31. 74603	1. 64E-100	7. 03E-99	217. 7003
EXOSC1	1. 130307	4. 566971	21. 30691	3. 65E-63	3. 73E-62	131. 5666
ZDHHC16	1. 224997	4. 100285	22. 68129	2. 25E-68	2. 66E-67	143. 577
UBTD1	1. 783292	3. 005189	27. 68909	1. 18E-86	2. 56E-85	185. 734
PI4K2A	2. 038932	2. 66644	39. 87503	1. 25E-125	2. 49E-123	275. 6629
AVPI1	2. 161396	3. 126389	31. 97956	2. 78E-101	1. 24E-99	219. 4777
MARVELD1	3. 286432	3. 523745	40. 74045	4. 16E-128	9. 95E-126	281. 3803
SFRP5	-1. 31421	4. 770578	-7. 42766	1. 03E-12	3. 42E-12	15. 71867
CRTAC1	1. 216892	1. 039313	16. 97589	1. 93E-46	1. 33E-45	93. 04548
R3HCC1L	1. 190683	2. 777113	24. 37137	1. 12E-74	1. 61E-73	158. 1098
LOXL4	1. 503913	2. 448855	15. 10017	3. 36E-39	1. 99E-38	76. 38842
HPS1	1. 136992	4. 62549	19. 02552	2. 18E-54	1. 79E-53	111. 3477
GOT1	1. 213106	4. 190691	18. 06222	1. 18E-50	8. 86E-50	102. 7487
COX15	1. 107998	3. 526309	20. 80062	3. 15E-61	3. 06E-60	127. 1055
DNMBP	1. 075448	3. 347697	14. 74676	7. 55E-38	4. 37E-37	73. 27975
ERLIN1	1. 537395	3. 21459	22. 27416	7. 73E-67	8. 73E-66	140. 0357
CHUK	1. 007588	2. 665698	20. 35392	1. 63E-59	1. 51E-58	123. 1555
BLOC1S2	1. 725086	4. 195345	30. 68643	5. 58E-97	1. 99E-95	209. 5496
SCD	3. 409744	3. 631592	28. 23505	1. 42E-88	3. 37E-87	190. 1549
NDUFB8	1. 761822	6. 372586	26. 85043	1. 11E-83	2. 16E-82	178. 8725
MRPL43	1. 142891	5. 54136	18. 85049	1. 04E-53	8. 36E-53	109. 7869
LZTS2	1. 491236	4. 256851	20. 93306	9. 80E-62	9. 64E-61	128. 2741
SFXN3	1. 982295	4. 447734	25. 63863	2. 56E-79	4. 29E-78	168. 8107
KAZALD1	2. 003338	1. 742929	27. 48528	6. 16E-86	1. 30E-84	184. 0744
DPCD	2. 165605	3. 69949	35. 70116	3. 66E-113	3. 35E-111	246. 8911
NPM3	1. 520423	4. 484625	23. 53308	1. 44E-71	1. 87E-70	150. 9368
C10orf76	1. 179085	3. 059999	24. 47631	4. 58E-75	6. 69E-74	159. 0026
HPS6	1. 483951	2. 747764	28. 11002	3. 90E-88	9. 04E-87	189. 1457
LDB1	1. 166944	4. 11329	17. 67495	3. 75E-49	2. 74E-48	99. 28861
PPRC1	1. 016062	3. 932802	15. 35743	3. 46E-40	2. 09E-39	78. 65909
NOLC1	1. 46189	4. 325261	21. 88085	2. 39E-65	2. 60E-64	136. 601
NFKB2	1. 74158	4. 348598	22. 04841	5. 53E-66	6. 10E-65	138. 0658
PSD	1. 2617	2. 552535	14. 42951	1. 22E-36	6. 87E-36	70. 50081
CUEDC2	1. 291388	4. 836834	21. 99384	8. 91E-66	9. 77E-65	137. 589
TMEM180	1. 248511	2. 062629	20. 39586	1. 13E-59	1. 05E-58	123. 5269
ACTR1A	1. 753896	4. 929667	29. 02015	2. 67E-91	7. 24E-90	196. 4479
SUFU	1. 41953	2. 02843	30. 45373	3. 39E-96	1. 17E-94	207. 7409
TRIM8	1. 234392	5. 559351	16. 19785	1. 99E-43	1. 29E-42	86. 11209
ARL3	1. 522261	2. 416886	30. 76341	3. 08E-97	1. 11E-95	210. 1465
WBP1L	2. 245684	3. 674693	35. 47063	1. 90E-112	1. 65E-110	245. 2422
C10orf32	1. 088507	3. 341116	19. 41553	6. 75E-56	5. 74E-55	114. 8223
NT5C2	1. 444555	4. 445787	20. 99571	5. 64E-62	5. 58E-61	128. 8265
USMG5	1. 293359	7. 385681	16. 13159	3. 59E-43	2. 31E-42	85. 52291
CALHM2	2. 172152	3. 162797	26. 66974	4. 91E-83	9. 35E-82	177. 3831
CALHM3	1. 206592	0. 80335	11. 93153	2. 31E-27	1. 08E-26	49. 19331
SH3PXD2A	2. 160824	3. 038069	28. 71957	2. 93E-90	7. 55E-89	194. 0476
RP11-416N2. 4	-1. 36524	1. 493903	-20. 5907	2. 01E-60	1. 91E-59	125. 2509
SH3PXD2A-AS1	1. 790864	0. 882382	22. 19836	1. 50E-66	1. 68E-65	139. 3748
OBFC1	1. 526487	3. 938937	23. 4001	4. 53E-71	5. 79E-70	149. 7925
SLK	1. 66026	3. 479779	23. 79292	1. 56E-72	2. 08E-71	153. 1679
COL17A1	5. 861074	2. 960309	37. 45242	1. 68E-118	2. 16E-116	259. 2098

SFR1	1. 761226	2. 091613	33. 1856	3. 25E-105	1. 84E-103	228. 5487
GSTO1	2. 349257	6. 020419	34. 04075	5. 92E-108	3. 92E-106	234. 871
ITPRIP	2. 439953	2. 63579	33. 34089	1. 03E-105	5. 98E-104	229. 7034
YWHAZP5	1. 582573	0. 868022	28. 22407	1. 56E-88	3. 67E-87	190. 0664
ADD3	1. 120018	4. 705559	13. 45606	5. 75E-33	3. 01E-32	62. 05985
SMNDC1	1. 447218	3. 179549	24. 10931	1. 04E-73	1. 45E-72	155. 8752
DUSP5	2. 872156	3. 128613	27. 21426	5. 62E-85	1. 14E-83	181. 8596
SMC3	1. 105204	3. 520166	18. 33375	1. 04E-51	8. 04E-51	105. 1742
RBM20	-3. 00361	1. 822727	-26. 5639	1. 18E-82	2. 21E-81	176. 5087
PDCD4	-1. 98865	7. 349005	-18. 6203	8. 08E-53	6. 38E-52	107. 7331
RP11-348N5. 9	-1. 3217	1. 164727	-22. 5801	5. 41E-68	6. 32E-67	142. 698
RP11-348N5. 7	-1. 3026	1. 123811	-21. 4641	9. 19E-64	9. 56E-63	132. 9478
SHOC2	1. 614477	3. 29792	31. 06013	3. 12E-98	1. 19E-96	212. 4403
ACSL5	4. 229701	3. 471694	44. 3479	4. 66E-138	2. 50E-135	304. 348
ZDHHC6	1. 091105	4. 144334	18. 88561	7. 58E-54	6. 13E-53	110. 1001
VTI1A	1. 188575	2. 406077	27. 21665	5. 52E-85	1. 12E-83	181. 8792
TCF7L2	1. 539978	3. 328127	22. 0685	4. 64E-66	5. 13E-65	138. 2413
CASP7	1. 302761	3. 775328	19. 23389	3. 40E-55	2. 85E-54	113. 2048
VWA2	1. 477894	1. 632577	20. 01363	3. 33E-58	2. 99E-57	120. 1387
AFAP1L2	1. 116207	3. 265402	12. 69104	3. 97E-30	1. 96E-29	55. 54014
ABLIM1	1. 758291	4. 076045	22. 88048	4. 01E-69	4. 84E-68	145. 3043
TRUB1	1. 282393	2. 174787	26. 11476	4. 84E-81	8. 58E-80	172. 7845
PNLIP	-8. 21055	9. 612442	-19. 652	8. 25E-57	7. 18E-56	116. 9257
PNLIPRP1	-7. 94004	7. 549699	-27. 4503	8. 20E-86	1. 73E-84	183. 7889
PNLIPRP2	-7. 07344	7. 203525	-22. 9315	2. 58E-69	3. 13E-68	145. 7458
PDZD8	1. 179781	3. 077301	14. 44904	1. 03E-36	5. 80E-36	70. 67161
FAM204A	1. 346711	4. 351557	24. 32283	1. 69E-74	2. 41E-73	157. 6964
CACUL1	1. 076712	2. 471034	22. 59561	4. 73E-68	5. 53E-67	142. 833
P11-215A21.	1. 55012	1. 109025	35. 92396	7. 51E-114	7. 26E-112	248. 4785
FAM45A	1. 435055	3. 439931	26. 46243	2. 72E-82	5. 04E-81	175. 6695
PRDX3	1. 517166	5. 548637	23. 63226	6. 16E-72	8. 05E-71	151. 7892
GRK5	2. 21313	2. 554172	31. 53077	8. 45E-100	3. 48E-98	216. 0558
RGS10	3. 759826	3. 466976	50. 33293	2. 45E-153	4. 12E-150	339. 6163
BAG3	2. 202639	3. 988074	28. 26455	1. 12E-88	2. 67E-87	190. 3928
INPP5F	1. 679836	2. 380952	30. 52421	1. 96E-96	6. 81E-95	208. 2895
MCMBP	1. 645466	3. 730594	26. 71014	3. 52E-83	6. 74E-82	177. 7164
SEC23IP	1. 732154	3. 312028	28. 62588	6. 19E-90	1. 57E-88	193. 2972
PPAPDC1A	3. 593828	1. 799186	35. 46156	2. 02E-112	1. 75E-110	245. 1772
RP11-95I16. 6	1. 003993	0. 538259	9. 968799	1. 53E-20	6. 17E-20	33. 56802
ATE1	1. 422255	2. 313898	26. 61826	7. 50E-83	1. 42E-81	176. 9581
TACC2	1. 206109	3. 700218	17. 3173	9. 17E-48	6. 48E-47	96. 09361
BTBD16	1. 172424	0. 701231	18. 74259	2. 71E-53	2. 16E-52	108. 8242
PLEKHA1	1. 283056	3. 714762	18. 03725	1. 47E-50	1. 11E-49	102. 5256
HTRA1	3. 224879	5. 738184	32. 41012	1. 07E-102	5. 20E-101	222. 7368
DMBT1	4. 152038	2. 610477	21. 82104	4. 03E-65	4. 35E-64	136. 0775
CUZD1	-6. 68066	6. 548944	-26. 9082	6. 91E-84	1. 36E-82	179. 3476
BUB3	1. 743683	4. 598809	27. 82859	3. 79E-87	8. 42E-86	186. 8671
CPXM2	2. 631013	2. 296114	28. 55811	1. 06E-89	2. 66E-88	192. 7537
CHST15	1. 615572	2. 884306	21. 35052	2. 49E-63	2. 56E-62	131. 9499
OAT	2. 045146	4. 439868	26. 1561	3. 43E-81	6. 12E-80	173. 1283
LHPP	2. 008909	3. 11081	36. 31636	4. 68E-115	4. 87E-113	251. 26
FAM53B	1. 147121	2. 433378	18. 16426	4. 74E-51	3. 60E-50	103. 6603
FAM175B	1. 502984	2. 337017	33. 29144	1. 48E-105	8. 56E-104	229. 336
CTBP2	1. 309328	4. 340964	20. 10766	1. 45E-58	1. 31E-57	120. 9729

UROS	1. 21784	4. 313236	21. 47595	8. 28E-64	8. 62E-63	133. 0519
BCCIP	1. 266532	4. 562299	24. 21028	4. 40E-74	6. 21E-73	156. 7371
DHX32	1. 031942	3. 793811	19. 53095	2. 42E-56	2. 08E-55	115. 8495
FANK1	1. 337401	2. 185002	21. 61455	2. 46E-64	2. 59E-63	134. 2683
ADAM12	2. 602506	1. 356538	26. 2309	1. 85E-81	3. 32E-80	173. 7498
DOCK1	1. 339299	3. 383286	22. 77155	1. 03E-68	1. 23E-67	144. 3602
CLRN3	2. 99538	1. 56766	26. 1587	3. 36E-81	5. 99E-80	173. 1499
PTPRE	2. 314184	2. 044329	37. 25208	6. 73E-118	8. 28E-116	257. 8189
MKI67	3. 049675	1. 64392	44. 42543	2. 89E-138	1. 58E-135	304. 8268
MGMT	1. 346791	3. 767985	22. 30859	5. 73E-67	6. 50E-66	140. 3358
GLRX3	1. 601684	4. 924238	24. 47086	4. 80E-75	6. 99E-74	158. 9563
BNIP3	-3. 25167	5. 262904	-24. 6681	9. 01E-76	1. 34E-74	160. 6316
RP11-45A17. 4	-1. 70597	2. 144735	-18. 2964	1. 46E-51	1. 12E-50	104. 8406
RP11-45A17. 4	-1. 52114	0. 927189	-22. 6871	2. 14E-68	2. 53E-67	143. 6275
STK32C	1. 545489	2. 632508	27. 32261	2. 32E-85	4. 80E-84	182. 7461
LRRC27	1. 054267	2. 351979	21. 85148	3. 09E-65	3. 34E-64	136. 344
INPP5A	1. 436325	3. 217056	27. 20857	5. 89E-85	1. 20E-83	181. 813
ADAM8	3. 254102	3. 35949	36. 5695	7. 89E-116	8. 66E-114	253. 0446
TUBGCP2	1. 230379	4. 792027	18. 34225	9. 67E-52	7. 46E-51	105. 2501
ZNF511	1. 430852	4. 216315	24. 52212	3. 11E-75	4. 56E-74	159. 3919
PRAP1	3. 523967	1. 848658	23. 52877	1. 50E-71	1. 94E-70	150. 8998
FUOM	1. 103538	3. 57428	11. 8567	4. 30E-27	2. 00E-26	48. 57579
ECHS1	1. 64394	5. 514693	26. 20191	2. 35E-81	4. 21E-80	173. 509
CYP2E1	-1. 12679	2. 185857	-15. 7354	1. 21E-41	7. 56E-41	82. 00515
RIC8A	1. 548023	5. 016492	23. 5092	1. 77E-71	2. 29E-70	150. 7315
PSMD13	1. 791368	6. 013525	26. 88191	8. 57E-84	1. 68E-82	179. 1316
RP11-326C3. 4	-4. 08557	5. 87821	-22. 3553	3. 82E-67	4. 36E-66	140. 7423
ATHL1	-3. 15489	6. 929096	-19. 4083	7. 20E-56	6. 12E-55	114. 7583
IFITM5	-1. 36846	0. 800478	-14. 3419	2. 62E-36	1. 47E-35	69. 73596
IFITM2	2. 549425	7. 407781	22. 7097	1. 76E-68	2. 08E-67	143. 8237
IFITM1	2. 978302	6. 308268	25. 93999	2. 07E-80	3. 59E-79	171. 3289
IFITM3	2. 462561	8. 693154	20. 26081	3. 72E-59	3. 41E-58	122. 3307
PKP3	2. 241995	4. 775133	24. 72905	5. 38E-76	8. 09E-75	161. 148
SIGIRR	1. 143433	5. 2942	14. 5737	3. 45E-37	1. 97E-36	71. 76241
RNH1	1. 545739	6. 009597	21. 97345	1. 06E-65	1. 16E-64	137. 4108
HRAS	1. 802919	4. 845093	24. 91471	1. 12E-76	1. 72E-75	162. 7195
RASSF7	1. 296446	5. 314766	12. 92359	5. 50E-31	2. 77E-30	57. 50972
MIR210HG	2. 311945	2. 644684	19. 21871	3. 90E-55	3. 25E-54	113. 0695
IRF7	2. 06341	3. 889069	18. 84692	1. 07E-53	8. 63E-53	109. 7549
CDHR5	2. 740965	2. 119577	23. 02366	1. 16E-69	1. 42E-68	146. 5436
SCT	1. 744373	0. 997459	22. 14827	2. 31E-66	2. 58E-65	138. 9377
DEAF1	1. 155169	3. 970315	19. 9168	7. 85E-58	6. 99E-57	119. 2791
TALD01	2. 092552	6. 255924	29. 48931	6. 48E-93	1. 89E-91	200. 172
PDDC1	1. 160077	3. 899839	18. 01059	1. 87E-50	1. 40E-49	102. 2874
RPLP2	1. 436731	9. 87826	14. 64559	1. 84E-37	1. 05E-36	72. 39228
AP006621. 8	-2. 79631	2. 148141	-34. 3339	6. 95E-109	4. 92E-107	237. 0179
CRACR2B	-1. 4683	6. 163088	-12. 9033	6. 54E-31	3. 29E-30	57. 33706
CD151	1. 525944	7. 813875	17. 07357	8. 08E-47	5. 61E-46	93. 9173
TSPAN4	1. 604374	4. 811448	21. 24233	6. 44E-63	6. 55E-62	130. 9986
MUC6	-1. 0745	4. 942757	-5. 22525	3. 16E-07	8. 67E-07	3. 342854
MUC5AC	3. 604404	1. 913896	19. 69186	5. 79E-57	5. 05E-56	117. 2806
MUC5B	3. 90913	3. 263063	20. 52654	3. 54E-60	3. 35E-59	124. 6833
BRSK2	-4. 2558	3. 491197	-45. 2866	1. 49E-140	1. 00E-137	310. 1051
MOB2	1. 443919	4. 310026	23. 9441	4. 27E-73	5. 81E-72	154. 4629

IFITM10	1. 952878	1. 414397	23. 7621	2. 03E-72	2. 70E-71	152. 9036
RP11-295K3. 1	1. 575369	1. 179957	20. 45037	6. 95E-60	6. 50E-59	124. 0094
CTSD	2. 785	8. 293004	29. 31928	2. 48E-92	7. 05E-91	198. 8255
SYT8	2. 406302	4. 39498	13. 56673	2. 21E-33	1. 17E-32	63. 01207
TNNI2	1. 737679	2. 81383	11. 67737	1. 89E-26	8. 65E-26	47. 10206
LSP1	3. 279927	3. 910407	31. 46223	1. 43E-99	5. 81E-98	215. 531
IGF2	2. 163715	3. 09388	14. 10704	2. 04E-35	1. 12E-34	67. 68923
AC132217. 4	2. 277717	3. 913402	13. 16392	7. 07E-32	3. 63E-31	59. 55674
INS	-1. 09452	10. 2534	-3. 06538	0. 00236064	0. 005143855	-5. 14952
CD81	1. 444773	8. 069922	15. 86536	3. 83E-42	2. 41E-41	83. 15785
TSSC4	1. 541936	4. 233768	24. 04677	1. 78E-73	2. 45E-72	155. 341
CDKN1C	1. 184026	3. 899412	12. 87598	8. 25E-31	4. 14E-30	57. 10557
SLC22A18AS	2. 33061	1. 232166	32. 3	2. 46E-102	1. 18E-100	221. 9055
SLC22A18	2. 384448	4. 163276	17. 87823	6. 10E-50	4. 52E-49	101. 1049
PHLDA2	4. 31044	3. 351041	30. 66067	6. 81E-97	2. 42E-95	209. 3498
NAP1L4	1. 676789	5. 10486	25. 69764	1. 56E-79	2. 64E-78	169. 3046
CARS	1. 291671	4. 251925	21. 27345	4. 90E-63	5. 00E-62	131. 2723
OSBPL5	1. 382046	3. 357804	19. 4073	7. 27E-56	6. 17E-55	114. 7491
NUP98	1. 378736	4. 208441	22. 23758	1. 06E-66	1. 20E-65	139. 7168
RHOG	2. 429749	4. 749708	36. 54871	9. 13E-116	9. 99E-114	252. 8983
STIM1	1. 182559	3. 895238	18. 78916	1. 79E-53	1. 43E-52	109. 2396
RRM1	1. 685637	3. 513328	29. 67647	1. 48E-93	4. 46E-92	201. 6499
TRIM21	1. 978087	3. 164591	33. 91398	1. 50E-107	9. 70E-106	233. 9394
TRIM34	1. 528918	1. 902284	29. 87104	3. 21E-94	1. 00E-92	203. 1817
TRIM22	2. 114134	3. 771074	21. 97193	1. 08E-65	1. 18E-64	137. 3975
CCKBR	-1. 56283	1. 310025	-16. 537	9. 71E-45	6. 45E-44	89. 13116
PRKCDBP	1. 772321	4. 378737	19. 83654	1. 60E-57	1. 42E-56	118. 5663
SMPD1	1. 247641	4. 34341	18. 78473	1. 86E-53	1. 49E-52	109. 2002
RRP8	1. 245891	3. 342673	24. 33874	1. 48E-74	2. 11E-73	157. 832
ILK	1. 091496	6. 173113	14. 67508	1. 42E-37	8. 15E-37	72. 65082
TAF10	1. 097042	6. 747572	14. 17377	1. 14E-35	6. 29E-35	68. 26988
TPP1	1. 829766	5. 051651	25. 61128	3. 22E-79	5. 38E-78	168. 5816
DCHS1	1. 044391	1. 645025	15. 28742	6. 42E-40	3. 87E-39	78. 04053
P11-732A19.	1. 596509	2. 244018	19. 04415	1. 84E-54	1. 52E-53	111. 5138
MRPL17	2. 108303	4. 856886	35. 63507	5. 86E-113	5. 31E-111	246. 419
OLFML1	2. 075342	1. 867685	25. 66868	1. 99E-79	3. 34E-78	169. 0622
PPFIBP2	1. 309299	3. 279784	18. 24516	2. 30E-51	1. 76E-50	104. 3829
CYB5R2	2. 343948	2. 478637	35. 23802	1. 00E-111	8. 47E-110	243. 572
RIC3	-2. 39117	2. 773494	-27. 545	3. 79E-86	8. 09E-85	184. 5616
RPL27A	1. 403431	10. 66144	13. 82776	2. 31E-34	1. 25E-33	65. 26601
ST5	1. 578405	4. 828795	22. 02253	6. 93E-66	7. 63E-65	137. 8397
P11-152H18.	1. 563823	2. 661245	10. 45317	3. 57E-22	1. 49E-21	37. 30206
AKIP1	1. 653183	3. 313481	29. 11453	1. 26E-91	3. 47E-90	197. 1993
TMEM9B	1. 582133	4. 724431	26. 21608	2. 09E-81	3. 75E-80	173. 6267
IPO7	1. 337908	4. 009735	18. 98357	3. 16E-54	2. 58E-53	110. 9737
ZNF143	1. 141902	2. 963826	19. 93018	6. 97E-58	6. 21E-57	119. 398
WEE1	1. 875286	2. 849227	23. 88019	7. 37E-73	9. 97E-72	153. 9157
RPL23AP65	1. 297029	1. 24914	15. 9433	1. 91E-42	1. 21E-41	83. 84977
SWAP70	1. 980252	3. 11706	28. 77775	1. 84E-90	4. 79E-89	194. 5131
SBF2	1. 428608	2. 76406	22. 35957	3. 68E-67	4. 20E-66	140. 7798
ADM	2. 098123	3. 640494	16. 02997	8. 86E-43	5. 66E-42	84. 61963
AMPD3	1. 353224	2. 076925	13. 09002	1. 33E-31	6. 78E-31	58. 92606
RNF141	1. 520095	3. 066154	26. 13134	4. 22E-81	7. 49E-80	172. 9224
MRVI1	2. 148441	2. 145445	24. 92142	1. 06E-76	1. 63E-75	162. 7762

CTR9	1. 101095	3. 130116	19. 60562	1. 25E-56	1. 08E-55	116. 5137
EIF4G2	1. 779258	7. 110898	21. 89017	2. 20E-65	2. 40E-64	136. 6825
GALNT18	1. 508429	2. 542275	22. 63838	3. 26E-68	3. 84E-67	143. 2046
DKK3	3. 587552	4. 267192	37. 56155	7. 91E-119	1. 04E-116	259. 9654
MICAL2	2. 41769	3. 727873	30. 58892	1. 19E-96	4. 18E-95	208. 7925
P11-265D17.	1. 904899	2. 295952	19. 70485	5. 16E-57	4. 51E-56	117. 3961
PARVA	1. 253701	4. 161772	19. 38831	8. 61E-56	7. 29E-55	114. 58
TEAD1	1. 415506	2. 788553	18. 8847	7. 64E-54	6. 18E-53	110. 0919
BTBD10	2. 123663	3. 134451	36. 88942	8. 40E-117	9. 67E-115	255. 2891
SPON1	2. 718001	2. 839431	24. 12651	8. 99E-74	1. 26E-72	156. 0221
RRAS2	1. 338295	3. 600112	20. 93125	9. 96E-62	9. 79E-61	128. 2582
COPB1	1. 244146	5. 151435	19. 47693	3. 91E-56	3. 35E-55	115. 3688
PSMA1	1. 60246	5. 874379	23. 29185	1. 15E-70	1. 45E-69	148. 8596
C11orf58	1. 649628	5. 843441	21. 79891	4. 89E-65	5. 27E-64	135. 8838
PLEKHA7	1. 35967	3. 618521	17. 28039	1. 27E-47	8. 99E-47	95. 76395
OR7E14P	1. 646924	1. 971652	23. 48965	2. 10E-71	2. 70E-70	150. 5633
USH1C	3. 741717	3. 630598	33. 5598	2. 03E-106	1. 23E-104	231. 3263
SERGEF	1. 117084	4. 381552	19. 09663	1. 16E-54	9. 55E-54	111. 9816
SAA2-SAA4	1. 067484	0. 59232	14. 6888	1. 26E-37	7. 24E-37	72. 77115
SAA2	2. 231858	2. 903445	12. 96979	3. 71E-31	1. 87E-30	57. 90234
SAA1	2. 649625	4. 102968	14. 07427	2. 71E-35	1. 49E-34	67. 40433
HPS5	1. 164753	2. 356417	19. 9398	6. 40E-58	5. 71E-57	119. 4834
GTF2H1	1. 014285	3. 662893	18. 15375	5. 21E-51	3. 94E-50	103. 5664
LDHA	3. 001431	7. 541981	25. 77821	7. 97E-80	1. 36E-78	169. 9783
TSG101	1. 967609	5. 081679	30. 61949	9. 37E-97	3. 31E-95	209. 03
UEVLD	1. 423431	2. 350759	27. 07253	1. 79E-84	3. 59E-83	180. 6978
SPTY2D1	1. 436891	2. 370159	26. 5743	1. 08E-82	2. 03E-81	176. 5949
TMEM86A	1. 324066	1. 646915	27. 74141	7. 69E-87	1. 69E-85	186. 1593
ZDHHC13	1. 596403	2. 935747	27. 6862	1. 20E-86	2. 62E-85	185. 7105
E2F8	1. 184645	0. 626005	28. 27866	1. 00E-88	2. 39E-87	190. 5064
HTATIP2	2. 622468	4. 670054	32. 87204	3. 36E-104	1. 79E-102	226. 2077
SVIP	1. 283855	3. 7053	20. 23465	4. 69E-59	4. 29E-58	122. 0989
FIBIN	2. 125638	2. 282019	20. 8292	2. 45E-61	2. 39E-60	127. 3578
BBOX1-AS1	1. 048208	0. 521472	11. 487	8. 99E-26	4. 06E-25	45. 54753
CCDC34	1. 147152	2. 264549	21. 26045	5. 50E-63	5. 60E-62	131. 158
KIF18A	1. 032412	0. 590293	25. 08555	2. 65E-77	4. 16E-76	164. 1622
ARL14EP	1. 074969	2. 997496	20. 88378	1. 51E-61	1. 48E-60	127. 8395
RCN1	2. 963245	4. 654446	38. 46938	1. 58E-121	2. 46E-119	266. 1982
EIF3M	1. 141623	7. 149664	14. 19014	9. 88E-36	5. 45E-35	68. 41246
PRRG4	1. 947038	1. 788401	30. 25879	1. 55E-95	5. 14E-94	206. 2204
HIPK3	1. 189139	3. 314165	18. 16182	4. 85E-51	3. 67E-50	103. 6385
KIAA1549L	1. 108022	0. 705445	20. 5115	4. 05E-60	3. 82E-59	124. 5503
CD59	2. 667241	7. 436939	30. 36994	6. 51E-96	2. 20E-94	207. 0879
LMO2	1. 926344	2. 740435	25. 94077	2. 06E-80	3. 57E-79	171. 3354
CAPRIN1	1. 79397	5. 2779	26. 82756	1. 34E-83	2. 60E-82	178. 6842
NAT10	1. 04358	3. 762267	18. 84186	1. 12E-53	9. 02E-53	109. 7099
ABTB2	1. 771958	1. 707543	26. 60219	8. 57E-83	1. 62E-81	176. 8254
EHF	1. 821402	3. 718126	18. 67067	5. 16E-53	4. 09E-52	108. 1823
PDHX	1. 089257	3. 102035	21. 33229	2. 92E-63	3. 00E-62	131. 7898
SLC1A2	-1. 64049	1. 210306	-29. 8332	4. 32E-94	1. 34E-92	202. 884
PAMR1	1. 732506	1. 760567	21. 58647	3. 14E-64	3. 31E-63	134. 022
FJX1	1. 471955	2. 018182	18. 29013	1. 54E-51	1. 18E-50	104. 7846
LDLRAD3	1. 038364	1. 776382	16. 74569	1. 51E-45	1. 02E-44	90. 99173
COMMD9	1. 667234	4. 768366	27. 80844	4. 47E-87	9. 87E-86	186. 7036

PRR5L	3.000301	2.199682	42.26366	2.21E-132	7.83E-130	291.2452
API5	1.15389	4.307115	19.97484	4.69E-58	4.19E-57	119.7944
HSD17B12	1.808185	4.570659	27.28461	3.17E-85	6.51E-84	182.4353
C11orf96	1.833006	4.693256	12.10612	5.41E-28	2.57E-27	50.63983
EXT2	1.573752	4.200914	26.43853	3.31E-82	6.12E-81	175.4717
CD82	3.105907	4.983185	38.36088	3.30E-121	5.05E-119	265.4583
TSPAN18	2.109159	1.706552	28.87085	8.75E-91	2.31E-89	195.2571
TP53I11	1.300776	4.631062	16.29453	8.42E-44	5.48E-43	86.97232
SYT13	3.141379	2.561597	29.09072	1.52E-91	4.18E-90	197.0098
CHST1	1.624573	1.436351	26.58215	1.01E-82	1.90E-81	176.6598
SLC35C1	1.860077	3.42574	29.99771	1.19E-94	3.80E-93	204.1765
MAPK8IP1	-1.4694	3.37123	-19.3414	1.31E-55	1.10E-54	114.1628
GYLTL1B	-1.11761	3.235177	-12.3124	9.65E-29	4.64E-28	52.35895
CREB3L1	1.269932	5.391914	11.47676	9.77E-26	4.41E-25	45.46419
MDK	4.977709	5.933495	44.98115	9.59E-140	5.92E-137	308.2413
AMBRA1	1.642809	2.897128	29.63808	2.00E-93	6.00E-92	201.3471
ARHGAP1	2.12082	4.935736	29.5832	3.09E-93	9.18E-92	200.914
ZNF408	1.448343	2.433352	28.86105	9.46E-91	2.50E-89	195.1788
CKAP5	1.743904	3.610812	27.00331	3.16E-84	6.29E-83	180.1296
C11orf49	1.79705	3.867072	31.35387	3.27E-99	1.30E-97	214.7001
NR1H3	1.622185	4.403086	22.19277	1.57E-66	1.76E-65	139.326
SPI1	2.792718	3.162275	27.82388	3.94E-87	8.74E-86	186.8289
SLC39A13	1.036307	4.736604	14.4873	7.35E-37	4.16E-36	71.00617
PSMC3	1.714618	5.805255	26.72215	3.19E-83	6.11E-82	177.8155
NDUFS3	1.614113	5.693708	26.46176	2.73E-82	5.06E-81	175.664
PTPMT1	1.273873	4.808552	23.05736	8.68E-70	1.07E-68	146.835
KBTBD4	1.400486	2.695174	22.81664	6.96E-69	8.34E-68	144.7511
MTCH2	2.198636	4.703079	35.33201	5.12E-112	4.37E-110	244.2477
PTPRJ	1.72642	2.535143	30.878	1.27E-97	4.68E-96	211.0337
FOLH1	1.317113	0.822992	17.88634	5.68E-50	4.21E-49	101.1773
RP11-61N20.5	1.469342	1.146368	30.98872	5.40E-98	2.03E-96	211.8893
APLNR	2.907201	2.118673	29.91496	2.28E-94	7.14E-93	203.5269
TNKS1BP1	1.677391	5.698171	21.25979	5.53E-63	5.63E-62	131.1522
SSRP1	1.177578	5.370857	17.74137	2.07E-49	1.52E-48	99.88205
SLC43A3	1.769796	3.699689	21.20757	8.75E-63	8.86E-62	130.6927
SLC43A1	-2.74684	4.937197	-29.6869	1.36E-93	4.12E-92	201.7323
TIMM10	1.829006	4.501886	29.82622	4.57E-94	1.41E-92	202.8293
UBE2L6	2.990373	4.717463	33.98633	8.82E-108	5.78E-106	234.4713
SERPING1	1.999691	7.70092	17.69437	3.16E-49	2.30E-48	99.46206
CLP1	1.310987	2.508424	26.15202	3.55E-81	6.33E-80	173.0943
ZDHHC5	1.97511	4.249808	34.95489	7.70E-111	6.14E-109	241.5301
MED19	1.260469	3.200839	24.90863	1.18E-76	1.81E-75	162.6681
TMX2	1.300023	5.281653	21.63449	2.06E-64	2.18E-63	134.4431
C11orf31	1.235425	6.025736	17.41687	3.77E-48	2.69E-47	96.983
LPXN	1.646423	2.847319	22.93853	2.42E-69	2.95E-68	145.8069
ZFP91	1.32299	3.592036	21.65585	1.71E-64	1.81E-63	134.6304
FAM111B	1.355021	0.891873	11.91243	2.71E-27	1.26E-26	49.03562
AP001258.4	1.089838	1.43951	24.60487	1.54E-75	2.28E-74	160.0947
FAM111A	1.013468	3.345344	16.3075	7.50E-44	4.89E-43	87.08771
DTX4	1.754297	2.958233	24.82098	2.47E-76	3.77E-75	161.9266
MPEG1	2.112095	1.815264	21.33654	2.82E-63	2.89E-62	131.8271
PATL1	1.671777	3.218627	26.75621	2.41E-83	4.64E-82	178.0964
STX3	1.173619	3.847864	19.20072	4.57E-55	3.81E-54	112.9092
FABP5P7	1.462092	4.138069	15.68234	1.94E-41	1.20E-40	81.53463

MRPL16	1. 077909	4. 512371	20. 46429	6. 15E-60	5. 76E-59	124. 1326
TCN1	5. 532174	3. 76567	33. 68404	8. 14E-107	5. 05E-105	232. 2447
MS4A6A	3. 002308	4. 148697	24. 44066	6. 21E-75	9. 01E-74	158. 6994
MS4A4A	2. 256518	2. 623003	20. 95751	7. 90E-62	7. 79E-61	128. 4897
MS4A7	2. 14277	2. 664066	20. 04239	2. 58E-58	2. 32E-57	120. 3939
MS4A1	1. 59456	1. 00114	10. 42354	4. 50E-22	1. 88E-21	37. 07115
MS4A8	2. 079193	1. 874579	16. 99434	1. 64E-46	1. 13E-45	93. 21014
CCDC86	1. 230176	3. 601191	20. 29432	2. 77E-59	2. 55E-58	122. 6276
PRPF19	1. 471531	5. 274101	23. 24447	1. 73E-70	2. 18E-69	148. 4509
TMEM109	1. 837523	5. 542974	27. 39511	1. 29E-85	2. 69E-84	183. 3385
TMEM132A	2. 846251	3. 165847	31. 97379	2. 90E-101	1. 29E-99	219. 4338
SLC15A3	3. 921015	4. 022834	44. 63857	7. 80E-139	4. 41E-136	306. 14
CD6	1. 808067	1. 316866	24. 3974	8. 96E-75	1. 29E-73	158. 3314
CD5	1. 504041	0. 982435	19. 99258	4. 01E-58	3. 59E-57	119. 9519
PGA3	-2. 17196	1. 744708	-14. 728	8. 90E-38	5. 15E-37	73. 11501
PGA4	-1. 89499	1. 60524	-12. 846	1. 06E-30	5. 32E-30	56. 85142
DBB1	1. 62263	5. 627177	26. 91966	6. 28E-84	1. 23E-82	179. 4421
CYB561A3	1. 395843	4. 200801	23. 47784	2. 32E-71	2. 99E-70	150. 4617
TMEM138	1. 192039	4. 519425	20. 37671	1. 33E-59	1. 24E-58	123. 3573
TMEM216	1. 114996	3. 472059	21. 13946	1. 59E-62	1. 60E-61	130. 0931
P11-286N22.	1. 692285	3. 847455	24. 83924	2. 12E-76	3. 23E-75	162. 0811
SDHAF2	1. 722597	4. 251705	31. 91654	4. 48E-101	1. 97E-99	218. 9987
RPLPOP2	2. 100124	1. 199168	28. 5949	7. 93E-90	2. 00E-88	193. 0488
MYRF	1. 165938	4. 599499	11. 81539	6. 05E-27	2. 80E-26	48. 23558
FEN1	2. 04429	2. 653187	35. 51369	1. 39E-112	1. 22E-110	245. 5507
FADS2	2. 238668	3. 179974	22. 64678	3. 03E-68	3. 57E-67	143. 2775
FADS1	1. 175262	2. 414337	15. 37419	2. 98E-40	1. 81E-39	78. 80719
RAB3IL1	1. 889692	2. 552961	24. 15117	7. 29E-74	1. 02E-72	156. 2327
FTH1	1. 274997	11. 08917	11. 49164	8. 66E-26	3. 91E-25	45. 58525
INCENP	1. 428386	2. 307053	25. 17818	1. 22E-77	1. 93E-76	164. 9432
SCGB2A1	1. 513565	2. 548558	12. 13745	4. 17E-28	1. 98E-27	50. 90024
AHNAK	2. 794599	4. 980708	30. 56298	1. 45E-96	5. 08E-95	208. 5909
EEF1G	1. 153685	9. 931819	12. 3748	5. 71E-29	2. 76E-28	52. 88077
MTA2	1. 871388	4. 55327	30. 99821	5. 02E-98	1. 90E-96	211. 9625
EML3	1. 026265	4. 589178	14. 30217	3. 72E-36	2. 07E-35	69. 38894
ROM1	1. 185077	1. 793155	21. 29359	4. 11E-63	4. 19E-62	131. 4494
B3GAT3	1. 392802	4. 460586	21. 00018	5. 43E-62	5. 38E-61	128. 866
GANAB	1. 128452	6. 327281	15. 41587	2. 06E-40	1. 25E-39	79. 17563
INTS5	1. 352009	2. 902519	27. 70742	1. 01E-86	2. 21E-85	185. 8831
C11orf98	2. 080051	5. 242442	31. 52607	8. 76E-100	3. 60E-98	216. 0199
UQCC3	1. 351563	2. 806126	24. 14955	7. 39E-74	1. 03E-72	156. 2188
UBXN1	1. 309635	6. 335342	17. 44581	2. 91E-48	2. 08E-47	97. 24147
LRRN4CL	1. 06827	0. 992993	16. 27905	9. 66E-44	6. 29E-43	86. 83451
BSCL2	1. 689025	5. 360557	22. 41897	2. 19E-67	2. 52E-66	141. 297
HNRNPUL2	1. 363705	4. 477005	24. 05377	1. 67E-73	2. 31E-72	155. 4007
TTC9C	1. 507655	3. 966933	25. 74277	1. 07E-79	1. 82E-78	169. 6821
POLR2G	1. 896117	5. 249905	30. 74011	3. 68E-97	1. 33E-95	209. 966
TMEM223	1. 161643	3. 618257	23. 18194	2. 96E-70	3. 71E-69	147. 9112
TMEM179B	1. 484229	5. 363537	23. 78015	1. 73E-72	2. 32E-71	153. 0584
SLC3A2	1. 419253	6. 081504	17. 8203	1. 02E-49	7. 56E-49	100. 5872
HRASLS5	-1. 04041	1. 574274	-13. 3721	1. 18E-32	6. 17E-32	61. 33892
RARRES3	4. 532833	4. 578176	37. 9425	5. 75E-120	7. 98E-118	262. 5925
HRASLS2	2. 702319	1. 348199	23. 71857	2. 94E-72	3. 90E-71	152. 5302
PLA2G16	3. 086751	5. 421055	34. 10055	3. 82E-108	2. 57E-106	235. 3098

ATL3	1.468039	3.413437	24.49803	3.81E-75	5.58E-74	159.1872
RTN3	1.360715	5.683678	20.88604	1.48E-61	1.45E-60	127.8594
C11orf84	1.709925	2.776949	30.40293	5.04E-96	1.71E-94	207.3451
MARK2	1.271477	3.85975	20.29944	2.64E-59	2.43E-58	122.6729
RCOR2	1.064174	0.85711	22.69158	2.06E-68	2.44E-67	143.6664
COX8A	1.840826	7.471893	23.78395	1.68E-72	2.25E-71	153.091
OTUB1	1.707541	5.188912	27.96286	1.28E-87	2.89E-86	187.9554
STIP1	1.862672	5.292598	24.70152	6.79E-76	1.02E-74	160.9146
FERMT3	3.22735	3.383915	32.32052	2.11E-102	1.01E-100	222.0605
VEGFB	1.593668	6.243499	21.98524	9.60E-66	1.05E-64	137.5139
FKBP2	1.115803	6.698433	15.67258	2.12E-41	1.31E-40	81.44815
P11-783K16.	1.287004	2.378479	14.42169	1.31E-36	7.35E-36	70.43249
PLCB3	2.352863	3.267075	34.21832	1.62E-108	1.11E-106	236.1725
BAD	1.704264	5.194956	24.55956	2.26E-75	3.34E-74	159.71
GPR137	1.638545	3.979919	24.34831	1.36E-74	1.95E-73	157.9135
TRMT112	2.079563	6.812129	28.41575	3.33E-89	8.14E-88	191.6101
PRDX5	2.184985	7.324354	28.31836	7.29E-89	1.75E-87	190.8263
CCDC88B	2.325208	3.557091	30.81034	2.14E-97	7.82E-96	210.51
RPS6KA4	2.153413	3.741366	32.99824	1.31E-104	7.17E-103	227.1513
NRXN2	1.601059	2.08075	16.75851	1.35E-45	9.12E-45	91.10614
RASGRP2	1.016981	2.281115	9.787548	6.10E-20	2.43E-19	32.19439
MAP4K2	1.125488	2.961455	18.66865	5.25E-53	4.16E-52	108.1643
EHD1	2.80361	3.925617	41.98978	1.28E-131	4.26E-129	289.4898
GPHA2	-3.24771	2.665258	-21.1559	1.38E-62	1.39E-61	130.2376
ARL2	1.658747	5.66232	24.97916	6.50E-77	1.01E-75	163.2642
SNX15	1.333086	3.249768	23.91094	5.67E-73	7.68E-72	154.179
SAC3D1	1.230456	2.602959	20.73922	5.42E-61	5.24E-60	126.5633
NAALADL1	1.962377	2.015012	29.45316	8.62E-93	2.49E-91	199.886
CDCA5	2.499621	1.525213	42.78815	7.91E-134	3.19E-131	294.5849
TM7SF2	-1.06308	4.464668	-9.52691	4.35E-19	1.70E-18	30.24301
FAU	1.318783	9.364185	14.76769	6.28E-38	3.64E-37	73.46347
MRPL49	1.62576	4.292732	27.64	1.75E-86	3.80E-85	185.3347
CAPN1	1.688339	6.174961	21.93329	1.51E-65	1.65E-64	137.0597
POLA2	1.23824	2.833492	25.6424	2.48E-79	4.16E-78	168.8422
CDC42EP2	2.720532	2.841712	38.09357	2.04E-120	2.94E-118	263.6296
DPF2	1.279214	4.213275	22.13008	2.71E-66	3.02E-65	138.7789
SLC25A45	-1.68498	3.258262	-22.2946	6.47E-67	7.32E-66	140.214
FRMD8	1.320126	3.852855	19.5568	1.92E-56	1.66E-55	116.0794
NEAT1	-1.84671	9.307588	-12.8458	1.07E-30	5.34E-30	56.84925
NEAT1_1	-1.97807	1.487678	-8.01998	2.06E-14	7.19E-14	19.58099
SCYL1	1.219941	5.297093	19.40763	7.25E-56	6.15E-55	114.752
EHBP1L1	2.679893	4.251418	30.54115	1.72E-96	5.99E-95	208.4212
SIPA1	2.494082	4.293956	31.51361	9.63E-100	3.95E-98	215.9245
MAP3K11	1.627803	4.617283	25.75777	9.46E-80	1.61E-78	169.8074
RELA	1.30546	5.00514	19.05089	1.74E-54	1.43E-53	111.5739
KAT5	1.015437	4.594323	17.77596	1.52E-49	1.12E-48	100.191
RNASEH2C	1.464496	4.551984	23.82048	1.23E-72	1.65E-71	153.4041
OVOL1	1.540215	1.636712	17.99248	2.20E-50	1.64E-49	102.1256
CFL1	3.539651	8.241981	40.86765	1.81E-128	4.42E-126	282.2137
EFEMP2	2.676682	4.822948	30.61683	9.57E-97	3.38E-95	209.0094
CTSW	1.882054	1.313267	23.2757	1.32E-70	1.67E-69	148.7203
FIBP	1.748482	5.106895	28.1434	2.98E-88	6.94E-87	189.4153
FOSL1	3.475529	2.365714	33.24569	2.08E-105	1.19E-103	228.9958
C11orf68	1.682845	4.267102	28.93865	5.10E-91	1.36E-89	195.7982

DRAP1	2. 202993	5. 713392	34. 48226	2. 36E-109	1. 72E-107	238. 1
SART1	1. 677872	5. 090861	26. 08436	6. 23E-81	1. 10E-79	172. 5315
EIF1AD	1. 423851	3. 477802	27. 24713	4. 30E-85	8. 80E-84	182. 1287
BANF1	1. 870224	6. 433626	26. 74259	2. 69E-83	5. 18E-82	177. 9841
CST6	3. 875124	2. 153116	25. 50678	7. 71E-79	1. 27E-77	167. 7057
CATSPER1	1. 792031	0. 974569	26. 74954	2. 54E-83	4. 90E-82	178. 0414
SF3B2	1. 320505	6. 321939	19. 73847	3. 83E-57	3. 35E-56	117. 6949
PACS1	1. 71609	4. 414502	25. 14062	1. 67E-77	2. 64E-76	164. 6266
KLC2	1. 150596	3. 336233	18. 16019	4. 92E-51	3. 73E-50	103. 6239
RAB1B	1. 976447	6. 099521	29. 55164	3. 96E-93	1. 17E-91	200. 6647
P11-867G23.	2. 093698	2. 581678	13. 72398	5. 68E-34	3. 04E-33	64. 36852
YIF1A	1. 238355	5. 816191	18. 02023	1. 72E-50	1. 29E-49	102. 3736
CD248	3. 010098	3. 767294	28. 3466	5. 81E-89	1. 40E-87	191. 0537
RIN1	1. 72344	2. 837732	22. 3887	2. 85E-67	3. 27E-66	141. 0335
BRMS1	1. 444157	4. 741496	23. 75018	2. 24E-72	2. 98E-71	152. 8014
MRPL11	1. 450579	4. 918647	24. 32856	1. 61E-74	2. 30E-73	157. 7453
DPP3	2. 09521	4. 22852	32. 66669	1. 56E-103	8. 07E-102	224. 668
CCS	1. 0101	4. 897148	15. 00494	7. 77E-39	4. 58E-38	75. 54956
RBM4	1. 100421	5. 907019	16. 8392	6. 55E-46	4. 47E-45	91. 82582
C11orf80	1. 952007	3. 02648	26. 21493	2. 11E-81	3. 78E-80	173. 6172
RCE1	1. 253851	3. 839397	20. 92843	1. 02E-61	1. 00E-60	128. 2333
PC	1. 301961	2. 814667	19. 66139	7. 59E-57	6. 61E-56	117. 0097
LRFN4	2. 445053	2. 35324	27. 88251	2. 45E-87	5. 48E-86	187. 3044
C11orf86	1. 632592	0. 786259	15. 21459	1. 22E-39	7. 31E-39	77. 39763
SYT12	1. 972242	1. 152652	23. 13785	4. 33E-70	5. 39E-69	147. 5306
RHOD	1. 666232	4. 600107	18. 51272	2. 11E-52	1. 65E-51	106. 7724
KDM2A	1. 533401	4. 171967	23. 80486	1. 40E-72	1. 88E-71	153. 2702
ADRBK1	1. 851649	4. 977572	25. 94056	2. 06E-80	3. 57E-79	171. 3336
ANKRD13D	1. 477364	4. 103775	19. 22547	3. 67E-55	3. 07E-54	113. 1298
SSH3	1. 541573	4. 169942	20. 62476	1. 49E-60	1. 42E-59	125. 5519
POLD4	1. 799897	6. 388699	20. 69329	8. 13E-61	7. 81E-60	126. 1576
CLCF1	2. 04881	2. 681191	24. 66876	8. 96E-76	1. 34E-74	160. 6368
PPP1CA	1. 912814	6. 25508	28. 0921	4. 51E-88	1. 04E-86	189. 001
TBC1D10C	1. 712019	1. 689678	18. 37415	7. 27E-52	5. 63E-51	105. 535
PTPRCAP	2. 295187	2. 060776	19. 98991	4. 11E-58	3. 67E-57	119. 9282
CORO1B	1. 799166	5. 51652	25. 1473	1. 58E-77	2. 49E-76	164. 6829
CABP4	1. 606117	1. 23953	25. 1602	1. 42E-77	2. 24E-76	164. 7916
AIP	1. 868837	5. 150712	29. 55175	3. 96E-93	1. 17E-91	200. 6655
PITPNM1	1. 513585	3. 645636	19. 18472	5. 27E-55	4. 39E-54	112. 7667
GSTP1	2. 597946	8. 22443	29. 394	1. 38E-92	3. 95E-91	199. 4177
NUDT8	1. 351073	3. 119906	17. 8202	1. 03E-49	7. 57E-49	100. 5863
ALDH3B2	1. 30018	0. 778932	15. 65657	2. 44E-41	1. 51E-40	81. 30625
UNC93B1	2. 772392	4. 42597	34. 79405	2. 46E-110	1. 88E-108	240. 3659
ALDH3B1	3. 124157	3. 57105	27. 51571	4. 81E-86	1. 02E-84	184. 3225
NDUFS8	1. 633852	6. 041799	24. 08772	1. 25E-73	1. 74E-72	155. 6909
P11-802E16.	-1. 08368	2. 789707	-12. 4762	2. 43E-29	1. 18E-28	53. 7311
C11orf24	1. 734219	4. 287116	29. 46245	8. 01E-93	2. 32E-91	199. 9595
LRP5	1. 866443	4. 554608	24. 32622	1. 64E-74	2. 35E-73	157. 7253
PPP6R3	1. 01303	4. 112978	17. 41154	3. 95E-48	2. 81E-47	96. 93534
CPT1A	1. 297523	3. 565725	18. 24769	2. 25E-51	1. 72E-50	104. 4056
MRPL21	1. 373286	5. 045799	21. 80013	4. 84E-65	5. 21E-64	135. 8945
MRGPRF	1. 654103	1. 961006	18. 10098	8. 34E-51	6. 29E-50	103. 095
MYEOV	4. 10719	3. 0176	32. 62277	2. 17E-103	1. 10E-101	224. 338
P11-211G23.	2. 324387	1. 224734	21. 89815	2. 05E-65	2. 24E-64	136. 7523

AP000439.3	1. 078968	0. 527598	17. 59476	7. 68E-49	5. 56E-48	98. 57215
CCND1	2. 389394	4. 693441	27. 82261	3. 98E-87	8. 83E-86	186. 8186
FGF19	2. 040776	0. 999551	16. 17298	2. 48E-43	1. 60E-42	85. 89092
P11-626H12.	1. 166322	0. 578449	17. 71262	2. 68E-49	1. 96E-48	99. 62514
AN01	4. 336676	3. 422014	45. 15331	3. 36E-140	2. 18E-137	309. 2929
FADD	2. 119825	3. 014898	37. 24947	6. 86E-118	8. 41E-116	257. 8007
P11-805J14.	2. 773688	2. 248498	44. 11478	1. 97E-137	1. 00E-134	302. 9045
PPFIA1	1. 04198	3. 552215	17. 70494	2. 87E-49	2. 10E-48	99. 55649
CTTN	1. 342473	6. 508308	20. 97006	7. 08E-62	6. 98E-61	128. 6004
DHCR7	2. 130905	3. 534713	29. 02372	2. 59E-91	7. 04E-90	196. 4764
RNF121	1. 347892	3. 600636	25. 22113	8. 48E-78	1. 35E-76	165. 3049
IL18BP	1. 536872	2. 808859	17. 81029	1. 12E-49	8. 26E-49	100. 4978
LAMTOR1	1. 656121	5. 759421	25. 93476	2. 16E-80	3. 75E-79	171. 2853
ANAPC15	1. 251188	4. 529875	22. 40286	2. 52E-67	2. 89E-66	141. 1568
FOLR1	2. 295552	2. 540275	17. 84783	8. 01E-50	5. 92E-49	100. 8333
FOLR2	2. 590858	2. 555249	24. 03715	1. 93E-73	2. 66E-72	155. 2587
ARAP1	1. 431106	5. 04292	19. 67902	6. 49E-57	5. 65E-56	117. 1664
ARAP1-AS1	3. 369182	1. 874412	23. 91265	5. 58E-73	7. 57E-72	154. 1936
FCHSD2	1. 605668	2. 805118	26. 33081	8. 07E-82	1. 47E-80	174. 579
P2RY2	1. 703328	1. 148125	28. 61501	6. 75E-90	1. 71E-88	193. 21
RP11-800A3.4	1. 200883	0. 742035	21. 22583	7. 45E-63	7. 56E-62	130. 8533
P2RY6	1. 770604	1. 386122	24. 56773	2. 11E-75	3. 11E-74	159. 7794
RELT	2. 077988	1. 572734	34. 28332	1. 01E-108	7. 05E-107	236. 648
FAM168A	1. 487959	2. 846812	23. 3546	6. 70E-71	8. 52E-70	149. 4005
PLEKHB1	1. 728336	3. 554782	19. 75604	3. 27E-57	2. 87E-56	117. 8511
RAB6A	1. 817885	4. 782086	26. 66607	5. 06E-83	9. 63E-82	177. 3528
MRPL48	1. 153352	4. 408993	13. 22808	4. 08E-32	2. 10E-31	60. 10512
COA4	1. 643792	5. 024837	27. 32239	2. 33E-85	4. 81E-84	182. 7443
DNAJB13	1. 378227	1. 068497	12. 71584	3. 21E-30	1. 59E-29	55. 74963
UCP2	3. 464032	4. 083652	36. 75076	2. 21E-116	2. 50E-114	254. 3178
C2CD3	1. 102629	2. 526357	20. 54724	2. 95E-60	2. 79E-59	124. 8665
PPME1	1. 804391	3. 769633	32. 65096	1. 76E-103	8. 99E-102	224. 5498
P4HA3	2. 192616	1. 394646	23. 35466	6. 69E-71	8. 52E-70	149. 401
PGM2L1	1. 743987	1. 807222	27. 97629	1. 15E-87	2. 60E-86	188. 0642
KCNE3	1. 969398	3. 157047	18. 39258	6. 17E-52	4. 78E-51	105. 6995
AP001372.2	1. 124215	1. 772464	21. 92304	1. 65E-65	1. 80E-64	136. 97
CHRDL2	1. 220175	1. 59259	9. 874721	3. 14E-20	1. 26E-19	32. 85338
SPCS2	1. 108711	6. 619042	15. 37372	2. 99E-40	1. 81E-39	78. 80306
SLCO2B1	1. 216248	3. 651451	11. 91018	2. 76E-27	1. 29E-26	49. 01698
SERPINH1	3. 902289	5. 561079	39. 5509	1. 08E-124	2. 01E-122	273. 5002
MAP6	1. 294019	1. 795512	15. 84374	4. 64E-42	2. 91E-41	82. 96601
MOGAT2	1. 149213	0. 578694	13. 0491	1. 89E-31	9. 58E-31	58. 57733
DGAT2	2. 001843	1. 948786	19. 48169	3. 75E-56	3. 21E-55	115. 4111
UVRAG	1. 69771	2. 461647	33. 13116	4. 88E-105	2. 73E-103	228. 143
LRRC32	3. 03547	4. 267545	34. 91753	1. 01E-110	7. 96E-109	241. 26
TSKU	2. 372314	3. 864012	29. 28349	3. 30E-92	9. 33E-91	198. 5416
ACER3	1. 516145	1. 842943	32. 3912	1. 24E-102	5. 98E-101	222. 5941
TD-2547H18.	1. 077965	0. 52657	13. 15904	7. 37E-32	3. 78E-31	59. 51508
B3GNT6	1. 542001	0. 755247	13. 27937	2. 63E-32	1. 36E-31	60. 54405
CAPN5	3. 448073	3. 435705	35. 02672	4. 59E-111	3. 71E-109	242. 0491
PAK1	1. 914728	4. 323682	26. 09353	5. 77E-81	1. 02E-79	172. 6079
CLNS1A	1. 107619	5. 72937	15. 93841	2. 00E-42	1. 27E-41	83. 80636
RSF1	1. 627457	2. 766737	25. 71962	1. 30E-79	2. 20E-78	169. 4885
AAMDC	1. 722653	4. 560123	27. 72017	9. 14E-87	2. 00E-85	185. 9867

NDUFC2	2. 100996	6. 511914	32. 09351	1. 17E-101	5. 35E-100	220. 3425
ALG8	1. 635628	4. 055113	30. 81646	2. 04E-97	7. 47E-96	210. 5575
KCTD21	1. 422676	1. 873892	33. 0884	6. 70E-105	3. 72E-103	227. 8242
GAB2	1. 155517	2. 348664	17. 80362	1. 19E-49	8. 76E-49	100. 4382
NARS2	1. 003513	2. 829159	21. 43497	1. 19E-63	1. 23E-62	132. 6921
TENM4	1. 318996	0. 810398	23. 30245	1. 05E-70	1. 33E-69	148. 951
RPS28P7	2. 147044	8. 906121	23. 99391	2. 79E-73	3. 83E-72	154. 889
PRCP	1. 814083	4. 602395	25. 17847	1. 21E-77	1. 93E-76	164. 9456
ANKRD42	1. 17582	2. 162375	25. 77576	8. 14E-80	1. 39E-78	169. 9578
CCDC90B	1. 394007	4. 270237	23. 7525	2. 20E-72	2. 93E-71	152. 8213
TMEM126B	1. 314133	4. 398736	12. 60351	8. 32E-30	4. 08E-29	54. 8018
TMEM126A	1. 024301	4. 305612	19. 4322	5. 82E-56	4. 96E-55	114. 9707
SYTL2	3. 174015	3. 187135	35. 35021	4. 49E-112	3. 84E-110	244. 3784
PICALM	1. 828145	5. 48495	24. 71219	6. 21E-76	9. 31E-75	161. 005
C11orf73	1. 672685	4. 331609	29. 99337	1. 23E-94	3. 93E-93	204. 1424
PRSS23	3. 219908	4. 28847	33. 27093	1. 73E-105	9. 90E-104	229. 1835
TMEM135	1. 376643	2. 271278	23. 84528	9. 93E-73	1. 34E-71	153. 6167
RAB38	1. 65077	1. 457534	27. 94741	1. 45E-87	3. 27E-86	187. 8304
CTSC	3. 283913	5. 476563	40. 33856	5. 83E-127	1. 26E-124	278. 7355
NOX4	2. 893816	1. 71948	36. 59403	6. 64E-116	7. 33E-114	253. 2171
CHORDC1	1. 128143	3. 278877	15. 80217	6. 71E-42	4. 20E-41	82. 59719
SMCO4	1. 301435	5. 056537	18. 66226	5. 56E-53	4. 40E-52	108. 1072
MED17	1. 2049	3. 522451	18. 15386	5. 20E-51	3. 94E-50	103. 5674
PANX1	2. 021017	2. 479104	33. 68666	7. 98E-107	4. 96E-105	232. 2641
FUT4	1. 182305	2. 138655	20. 57936	2. 22E-60	2. 11E-59	125. 1505
CWC15	1. 293691	4. 837264	22. 61309	4. 06E-68	4. 77E-67	142. 9849
ENDOD1	2. 590241	2. 83299	38. 75886	2. 21E-122	3. 63E-120	268. 1656
SESN3	1. 698224	1. 919383	24. 04336	1. 83E-73	2. 52E-72	155. 3117
MTMR2	1. 901436	2. 956497	32. 54118	4. 01E-103	2. 00E-101	223. 7243
MAML2	1. 838246	1. 852072	29. 4615	8. 07E-93	2. 34E-91	199. 952
JRKL	1. 587727	2. 268959	27. 40828	1. 15E-85	2. 42E-84	183. 446
ARHGAP42	1. 789891	1. 248353	30. 99682	5. 08E-98	1. 92E-96	211. 9518
TMEM133	1. 971722	1. 467	37. 35098	3. 39E-118	4. 25E-116	258. 5061
C11orf70	1. 752817	1. 238792	28. 80137	1. 52E-90	3. 98E-89	194. 702
YAP1	2. 155418	3. 763121	28. 99185	3. 34E-91	9. 04E-90	196. 2224
BIRC3	3. 034303	3. 390063	28. 51504	1. 50E-89	3. 73E-88	192. 4079
TMEM123	2. 268107	5. 398334	28. 21077	1. 73E-88	4. 07E-87	189. 9591
MMP7	4. 985126	6. 875865	31. 56467	6. 52E-100	2. 71E-98	216. 3152
MMP10	2. 063067	1. 109138	21. 22071	7. 79E-63	7. 91E-62	130. 8083
MMP1	5. 479277	3. 121485	30. 13763	3. 98E-95	1. 30E-93	205. 2729
MMP3	1. 410258	0. 844979	15. 1457	2. 25E-39	1. 34E-38	76. 78988
MMP12	2. 914259	1. 401457	28. 81496	1. 37E-90	3. 58E-89	194. 8106
MMP13	1. 119876	0. 536676	12. 76416	2. 13E-30	1. 06E-29	56. 15823
DCUN1D5	1. 044705	3. 387793	18. 36134	8. 16E-52	6. 30E-51	105. 4206
DYNC2H1	1. 386041	2. 692614	18. 31509	1. 23E-51	9. 48E-51	105. 0075
CASP4	1. 160867	5. 524928	13. 7251	5. 63E-34	3. 01E-33	64. 37823
CASP1	2. 73215	3. 237731	32. 64469	1. 84E-103	9. 41E-102	224. 5027
CARD16	3. 359324	3. 03775	43. 18122	6. 64E-135	2. 89E-132	297. 0688
CWF19L2	1. 084232	1. 977336	24. 07389	1. 41E-73	1. 95E-72	155. 5727
SLC35F2	2. 018504	2. 526848	28. 57062	9. 63E-90	2. 41E-88	192. 854
NPAT	1. 184947	1. 93124	23. 93893	4. 46E-73	6. 07E-72	154. 4186
KDELC2	2. 050264	2. 944729	30. 21516	2. 18E-95	7. 18E-94	205. 8794
DDX10	1. 188223	3. 358139	23. 25382	1. 60E-70	2. 01E-69	148. 5316
FDX1	1. 002457	2. 818601	22. 47371	1. 36E-67	1. 58E-66	141. 7733

C11orf53	1.605262	0.967075	19.72915	4.16E-57	3.64E-56	117.6121
COLCA1	1.330115	1.884338	17.37852	5.30E-48	3.77E-47	96.64043
COLCA2	1.196959	2.516597	14.43251	1.19E-36	6.69E-36	70.52705
POU2AF1	1.91658	1.161698	18.41123	5.22E-52	4.05E-51	105.8661
LAYN	2.361932	2.037655	32.12718	9.08E-102	4.17E-100	220.5977
CRYAB	1.132901	4.661006	10.45639	3.48E-22	1.45E-21	37.32718
HSPB2	1.524332	1.31621	25.54447	5.62E-79	9.32E-78	168.0217
SPB2-C11orf53	1.137762	1.004281	16.1766	2.40E-43	1.55E-42	85.92315
DLAT	1.640122	2.848453	27.40448	1.19E-85	2.50E-84	183.415
C11orf57	1.004609	3.127911	18.39673	5.95E-52	4.61E-51	105.7367
TIMM8B	1.891626	4.522738	33.67439	8.74E-107	5.41E-105	232.1735
SDHD	1.716214	5.311136	25.77808	7.98E-80	1.36E-78	169.9772
IL18	3.025853	3.829006	35.2745	7.73E-112	6.54E-110	243.8344
PTS	1.666287	3.956815	28.5513	1.12E-89	2.81E-88	192.699
ZBTB16	-1.00811	2.563389	-8.55358	5.16E-16	1.87E-15	23.22709
NNMT	4.071614	6.641686	32.17113	6.52E-102	3.02E-100	220.9306
AP002518.1	5.102592	3.751873	24.90587	1.21E-76	1.85E-75	162.6447
RBM7	1.565886	3.322833	22.91006	3.10E-69	3.76E-68	145.5605
REXO2	1.398959	5.285413	20.49017	4.89E-60	4.60E-59	124.3616
CADM1	1.245234	2.786956	15.15947	1.99E-39	1.19E-38	76.91129
BUD13	1.269169	3.009101	29.00111	3.10E-91	8.41E-90	196.2962
ZPR1	1.479856	4.353906	21.89095	2.19E-65	2.38E-64	136.6894
PAFAH1B2	2.061902	3.905318	38.26365	6.40E-121	9.51E-119	264.7941
SIDT2	-1.01127	5.038979	-14.3719	2.02E-36	1.13E-35	69.99794
TAGLN	3.435997	7.880748	27.34697	1.90E-85	3.95E-84	182.9452
PCSK7	1.077604	4.219362	16.84757	6.08E-46	4.15E-45	91.90046
AP000892.6	1.761008	2.564848	20.06957	2.03E-58	1.83E-57	120.6351
BACE1	-1.59597	4.785463	-17.7213	2.48E-49	1.82E-48	99.7025
CMB9-94B1.2	-1.7735	1.510921	-24.8028	2.88E-76	4.38E-75	161.7723
FXYD6	1.619397	4.117809	17.48981	1.96E-48	1.41E-47	97.63456
IL10RA	1.999389	2.242517	21.80546	4.62E-65	4.98E-64	135.9411
TMPRSS4	6.843778	3.490748	70.3716	1.10E-195	3.31E-191	437.3721
AMICA1	2.652179	2.360289	26.13687	4.03E-81	7.16E-80	172.9684
MPZL3	1.222714	2.446813	19.98054	4.46E-58	3.99E-57	119.845
MPZL2	2.677339	4.17658	28.31931	7.24E-89	1.74E-87	190.8339
CD3E	2.824931	2.20987	26.63217	6.69E-83	1.27E-81	177.073
CD3D	2.863396	1.957714	29.45478	8.51E-93	2.46E-91	199.8988
CD3G	1.274524	0.780453	18.55424	1.46E-52	1.14E-51	107.143
ATP5L	2.200211	7.19141	32.09131	1.19E-101	5.44E-100	220.3258
ARCN1	1.183645	5.78578	18.37428	7.27E-52	5.62E-51	105.5362
PHLDB1	1.22631	5.275647	15.42026	1.98E-40	1.21E-39	79.21444
DDX6	1.441203	3.932365	24.7125	6.19E-76	9.28E-75	161.0077
CXCR5	2.050324	1.723912	26.4344	3.42E-82	6.32E-81	175.4375
BCL9L	1.239843	3.878667	13.17754	6.29E-32	3.23E-31	59.67309
TRAPPC4	1.502816	5.256191	23.09565	6.24E-70	7.72E-69	147.1659
VPS11	1.063409	4.12143	19.44079	5.40E-56	4.60E-55	115.0471
HMBS	1.011843	3.597272	18.2626	1.97E-51	1.51E-50	104.5387
H2AFX	1.964087	3.600928	26.56735	1.14E-82	2.15E-81	176.5374
AP003391.1	1.875913	1.774948	10.15687	3.59E-21	1.47E-20	35.00719
PDZD3	1.667308	1.433748	14.14324	1.49E-35	8.19E-35	68.00415
CCDC153	1.324582	0.930085	24.28868	2.26E-74	3.22E-73	157.4055
CBL	1.240387	1.511448	25.27807	5.25E-78	8.45E-77	165.7842
MCAM	2.018942	4.250903	20.4743	5.63E-60	5.28E-59	124.2212
RNF26	1.690301	3.403656	32.44118	8.50E-103	4.15E-101	222.9711

C1QTNF5	3.36625	4.694465	37.09875	1.95E-117	2.32E-115	256.7512
THY1	4.712778	4.891002	36.20363	1.04E-114	1.06E-112	250.4629
P11-334E6.1	4.43802	3.437713	36.97541	4.61E-117	5.37E-115	255.8904
TRIM29	5.815832	3.646199	44.8137	2.67E-139	1.60E-136	307.2157
POU2F3	2.185632	1.347203	24.775	3.65E-76	5.51E-75	161.5372
ARHGEF12	1.365123	3.88662	19.14609	7.44E-55	6.18E-54	112.4224
SC5D	1.418478	3.433892	21.5661	3.76E-64	3.94E-63	133.8432
SORL1	2.132052	2.665796	27.17256	7.91E-85	1.60E-83	181.518
P11-166D19.	1.361968	2.805229	16.20088	1.94E-43	1.25E-42	86.13907
UBASH3B	1.859634	1.244138	31.00478	4.77E-98	1.80E-96	212.0133
C11orf63	1.1237	1.234295	24.32433	1.67E-74	2.38E-73	157.7093
CLMP	1.75938	1.660884	18.94066	4.64E-54	3.77E-53	110.591
GRAMD1B	2.253582	1.69501	26.65232	5.67E-83	1.08E-81	177.2393
VWA5A	1.324533	3.797628	17.71276	2.68E-49	1.96E-48	99.62637
SIAE	1.163544	3.479239	17.63337	5.44E-49	3.95E-48	98.91707
SPA17	2.026804	2.324075	39.12954	1.82E-123	3.12E-121	270.6711
NRGN	1.584534	1.733763	26.40798	4.26E-82	7.85E-81	175.2186
VSIG2	5.503654	3.341562	42.66377	1.74E-133	6.74E-131	293.7955
ESAM	1.788789	3.831645	23.37163	5.78E-71	7.37E-70	149.5472
SLC37A2	1.888441	1.667911	22.94858	2.22E-69	2.70E-68	145.894
FEZ1	2.20921	2.313062	31.13424	1.76E-98	6.81E-97	213.0115
CHEK1	1.676734	1.686732	30.74078	3.66E-97	1.32E-95	209.9712
HYLS1	1.164653	1.326309	31.03329	3.83E-98	1.46E-96	212.2333
CDON	1.00465	1.210219	14.10149	2.14E-35	1.17E-34	67.64095
FAM118B	2.036223	2.86338	39.57461	9.22E-125	1.72E-122	273.6588
DCPS	1.452733	3.309906	23.80689	1.38E-72	1.85E-71	153.2876
ST3GAL4-AS1	1.03409	0.908062	21.55087	4.29E-64	4.50E-63	133.7096
ST3GAL4	2.379913	3.648292	21.80252	4.74E-65	5.11E-64	135.9154
RP11-676M6.1	1.413196	0.987985	26.93641	5.48E-84	1.08E-82	179.5798
ETS1	2.694634	3.749327	30.35467	7.33E-96	2.47E-94	206.9688
FLI1	1.853194	2.149448	22.40744	2.42E-67	2.78E-66	141.1966
KCNJ5	-1.09661	1.671597	-12.6038	8.30E-30	4.07E-29	54.8045
BARX2	1.722438	2.422339	19.51497	2.79E-56	2.39E-55	115.7073
TMEM45B	3.961468	2.513378	36.92465	6.57E-117	7.62E-115	255.5355
APLP2	2.754768	6.529921	33.0097	1.20E-104	6.59E-103	227.2369
ST14	2.527687	5.647657	31.51315	9.66E-100	3.96E-98	215.921
ADAMTS15	1.030308	1.004888	15.22031	1.16E-39	6.96E-39	77.44811
NTM	3.828679	2.291774	26.73154	2.95E-83	5.66E-82	177.8929
JAM3	2.29131	2.895084	28.21372	1.69E-88	3.98E-87	189.9829
THYN1	1.548518	4.660952	25.86001	4.03E-80	6.93E-79	170.6616
KDM5A	1.235877	2.606651	20.83841	2.26E-61	2.20E-60	127.4391
B4GALNT3	2.639932	2.792169	30.677	6.00E-97	2.14E-95	209.4765
NINJ2	2.982989	2.051736	45.20726	2.42E-140	1.61E-137	309.6218
WNK1	1.771434	3.75221	23.28383	1.23E-70	1.56E-69	148.7905
ERC1	1.323641	2.120268	22.62598	3.63E-68	4.27E-67	143.0969
WNT5B	1.776281	1.535505	20.91026	1.20E-61	1.18E-60	128.0731
ADIPOR2	1.160862	4.151279	15.96514	1.58E-42	1.00E-41	84.04372
CACNA2D4	1.516438	1.74588	23.56056	1.14E-71	1.48E-70	151.1731
DCP1B	1.028981	2.661665	19.47744	3.89E-56	3.33E-55	115.3734
CACNA1C	1.863497	1.686879	23.69148	3.71E-72	4.89E-71	152.2978
FOXM1	2.630849	1.942998	33.19279	3.08E-105	1.75E-103	228.6021
RHN01	2.034591	3.191139	35.79616	1.86E-113	1.73E-111	247.5687
TULP3	1.174335	2.791173	19.70964	4.94E-57	4.32E-56	117.4387
TSPAN9	1.985373	3.467737	28.10957	3.92E-88	9.07E-87	189.1421

P11-476M19.	-1.07978	0.621624	-20.1319	1.17E-58	1.06E-57	121.1884
RP11-320N7.2	-2.84895	2.495865	-21.9239	1.64E-65	1.79E-64	136.9771
TIGAR	1.72228	1.665322	33.70064	7.20E-107	4.50E-105	232.3673
RAD51AP1	1.762473	1.244766	30.61122	9.99E-97	3.53E-95	208.9658
NDUFA9	1.632912	5.306209	24.68081	8.09E-76	1.21E-74	160.739
P11-234B24.	1.520535	1.588728	19.45768	4.64E-56	3.96E-55	115.1975
VWF	1.829373	4.251054	21.25466	5.78E-63	5.88E-62	131.107
CD9	2.923816	6.438786	32.48917	5.93E-103	2.93E-101	223.3327
PLEKHG6	2.091216	2.732094	25.1368	1.72E-77	2.72E-76	164.5944
TNFRSF1A	2.289704	5.723433	26.58942	9.52E-83	1.80E-81	176.7199
SCNN1A	1.90556	5.361799	16.40842	3.05E-44	2.01E-43	87.98616
LTBR	1.385558	6.023814	16.80957	8.53E-46	5.80E-45	91.56152
CD27-AS1	1.135219	4.293391	15.67328	2.11E-41	1.30E-40	81.45436
CD27	2.315982	1.497782	23.58766	9.04E-72	1.18E-70	151.406
TAPBPL	1.887009	3.82183	27.18274	7.28E-85	1.48E-83	181.6014
MRPL51	1.454211	6.208345	20.31215	2.36E-59	2.18E-58	122.7856
NCAPD2	1.802283	3.019738	27.62685	1.95E-86	4.21E-85	185.2278
GAPDH	3.508978	9.490476	33.61256	1.38E-106	8.40E-105	231.7166
RP5-940J5.9	3.306202	1.710791	13.36563	1.25E-32	6.52E-32	61.28336
CHD4	1.697859	5.623916	25.90274	2.82E-80	4.87E-79	171.0182
LPAR5	2.586866	1.546636	44.56805	1.20E-138	6.74E-136	305.706
ING4	1.265179	4.31797	18.4191	4.87E-52	3.78E-51	105.9364
COPS7A	1.613614	4.919755	25.59242	3.77E-79	6.29E-78	168.4236
MLF2	1.598799	6.248446	23.47172	2.45E-71	3.15E-70	150.4091
PTMS	2.407883	7.148433	27.58746	2.68E-86	5.76E-85	184.9071
LAG3	1.148436	0.817949	20.0023	3.68E-58	3.30E-57	120.0381
CD4	2.822917	3.023901	30.67911	5.91E-97	2.11E-95	209.4929
P3H3	1.940715	3.710045	24.66935	8.92E-76	1.33E-74	160.6418
CDCA3	2.366	1.945971	32.69127	1.30E-103	6.74E-102	224.8525
USP5	1.831255	4.076427	31.05944	3.13E-98	1.20E-96	212.435
TPI1	2.400682	7.680875	27.09478	1.50E-84	3.00E-83	180.8804
SPSB2	1.714267	2.823412	25.01623	4.76E-77	7.37E-76	163.5772
U47924.6	1.855659	1.71064	33.06553	7.95E-105	4.39E-103	227.6537
LRRC23	1.652742	2.437615	26.11762	4.73E-81	8.38E-80	172.8082
DSTNP2	1.834568	2.027637	32.13865	8.33E-102	3.84E-100	220.6846
ENO2	2.911206	3.565369	28.59531	7.90E-90	1.99E-88	193.052
C12orf57	1.061594	7.198793	13.31958	1.86E-32	9.65E-32	60.88855
PTPN6	2.062947	4.499389	28.47012	2.16E-89	5.30E-88	192.0471
EMG1	1.831301	3.596364	31.83269	8.47E-101	3.69E-99	218.3607
RP3-461F17.5	2.118348	2.621645	34.83804	1.79E-110	1.39E-108	240.6846
C1S	2.642979	6.500318	23.01707	1.23E-69	1.51E-68	146.4866
C1R	2.842792	6.495797	24.97109	6.96E-77	1.08E-75	163.1959
CLSTN3	1.602337	3.767418	19.99868	3.80E-58	3.40E-57	120.006
CD163L1	2.188002	1.432639	25.02217	4.53E-77	7.03E-76	163.6273
CD163	1.665745	4.070329	11.63858	2.60E-26	1.19E-25	46.78446
APOBEC1	2.300041	1.11259	19.70181	5.30E-57	4.63E-56	117.369
SLC2A14	-1.41977	1.038144	-26.0043	1.21E-80	2.12E-79	171.8649
SLC2A3	2.770263	3.234966	23.66618	4.61E-72	6.06E-71	152.0806
C3AR1	2.150777	2.156381	22.38574	2.93E-67	3.35E-66	141.0077
CLEC4A	1.520197	1.721447	21.89294	2.15E-65	2.34E-64	136.7067
CLEC4E	1.34808	1.325864	14.64505	1.84E-37	1.06E-36	72.38752
MFAP5	3.673301	2.884283	30.22128	2.07E-95	6.86E-94	205.9273
M6PR	1.521507	5.44618	24.1076	1.06E-73	1.47E-72	155.8606
A2M	2.582108	6.095549	26.57069	1.11E-82	2.09E-81	176.5651

KLRB1	1. 725612	1. 052562	21. 70069	1. 16E-64	1. 23E-63	135. 0234
P11-705C15.	1. 552394	1. 478087	23. 58969	8. 88E-72	1. 16E-70	151. 4235
CLEC2D	1. 218553	1. 96566	15. 21162	1. 25E-39	7. 51E-39	77. 37136
RP11-75L1. 2	1. 197761	1. 596232	16. 07422	5. 98E-43	3. 83E-42	85. 01292
CD69	1. 855834	1. 609669	17. 69128	3. 24E-49	2. 37E-48	99. 43446
CLEC2B	2. 423517	2. 248053	30. 33361	8. 64E-96	2. 90E-94	206. 8045
CLEC12A	1. 110811	0. 92158	14. 56608	3. 69E-37	2. 10E-36	71. 6956
CLEC7A	1. 514279	2. 089233	11. 37854	2. 18E-25	9. 73E-25	44. 66648
OLR1	3. 049503	2. 172502	26. 36337	6. 16E-82	1. 13E-80	174. 849
KLRK1	1. 000475	1. 186709	12. 30674	1. 01E-28	4. 86E-28	52. 31149
MAGOHB	1. 755462	3. 332042	30. 10968	4. 96E-95	1. 61E-93	205. 0541
STYK1	2. 482528	1. 275159	35. 74758	2. 63E-113	2. 43E-111	247. 2223
SMIM10L1	1. 116882	1. 982521	29. 23789	4. 73E-92	1. 33E-90	198. 1797
ETV6	1. 726266	2. 939638	32. 59641	2. 65E-103	1. 34E-101	224. 1398
BCL2L14	1. 019965	2. 177634	11. 82618	5. 53E-27	2. 56E-26	48. 32438
MANSC1	1. 574552	4. 116928	21. 119	1. 91E-62	1. 91E-61	129. 9129
LOH12CR1	1. 051529	2. 378595	21. 71373	1. 03E-64	1. 10E-63	135. 1377
CREBL2	1. 54322	3. 602783	25. 395	1. 97E-78	3. 21E-77	166. 7673
CDKN1B	1. 25275	3. 89081	20. 37106	1. 40E-59	1. 30E-58	123. 3073
APOLD1	1. 565016	2. 474196	16. 56145	7. 80E-45	5. 19E-44	89. 34935
RPL13AP20	1. 659139	1. 097867	31. 17108	1. 33E-98	5. 15E-97	213. 2952
GPRC5A	6. 091029	4. 014383	53. 57954	4. 77E-161	1. 60E-157	357. 4149
GSG1	-1. 0307	0. 730654	-16. 5076	1. 26E-44	8. 35E-44	88. 86962
EMP1	3. 697636	4. 829564	32. 8739	3. 32E-104	1. 77E-102	226. 2216
LINC01559	2. 797837	1. 361995	23. 31296	9. 58E-71	1. 22E-69	149. 0416
ATF7IP	1. 243476	2. 691527	21. 66118	1. 63E-64	1. 73E-63	134. 6771
PLBD1	2. 704572	4. 356654	33. 41418	5. 97E-106	3. 53E-104	230. 2474
H2AFJ	1. 029391	6. 562228	11. 74694	1. 06E-26	4. 90E-26	47. 67276
WBP11	1. 330525	3. 625527	21. 00825	5. 05E-62	5. 01E-61	128. 9371
MGP	2. 983057	7. 637149	22. 68129	2. 25E-68	2. 66E-67	143. 5771
ERP27	-3. 77188	5. 059451	-23. 0253	1. 15E-69	1. 41E-68	146. 5578
ARHGDI B	3. 707957	5. 372875	39. 38844	3. 20E-124	5. 80E-122	272. 4118
RERG	1. 458389	2. 314976	18. 29633	1. 46E-51	1. 12E-50	104. 84
PTPRO	1. 073603	0. 792153	21. 62032	2. 34E-64	2. 47E-63	134. 3189
EPS8	2. 439133	3. 95842	28. 97309	3. 88E-91	1. 04E-89	196. 0729
STRAP	1. 241742	5. 401554	19. 17877	5. 56E-55	4. 63E-54	112. 7136
DERA	1. 681726	3. 923736	26. 85738	1. 05E-83	2. 04E-82	178. 9297
LMO3	-1. 63409	2. 361397	-18. 7998	1. 63E-53	1. 31E-52	109. 3346
PIK3C2G	1. 010765	0. 839316	11. 73377	1. 19E-26	5. 45E-26	47. 56464
PLEKHA5	1. 304629	3. 299758	20. 08523	1. 76E-58	1. 59E-57	120. 774
AEBP2	1. 385197	2. 838565	23. 03821	1. 02E-69	1. 26E-68	146. 6694
RECQL	1. 724938	2. 937067	22. 65674	2. 78E-68	3. 28E-67	143. 3639
GOLT1B	1. 023228	3. 83506	15. 60558	3. 84E-41	2. 36E-40	80. 85453
SPX	-3. 52592	2. 260545	-37. 2773	5. 65E-118	6. 99E-116	257. 9946
CMAS	1. 158291	4. 193095	18. 47149	3. 05E-52	2. 38E-51	106. 4042
ETNK1	1. 478298	3. 322285	20. 99218	5. 82E-62	5. 75E-61	128. 7955
BCAT1	-1. 01	3. 124035	-11. 2889	4. 51E-25	2. 00E-24	43. 94109
KRAS	1. 665707	2. 938983	24. 94838	8. 43E-77	1. 30E-75	163. 0041
RASSF8	1. 433134	1. 893564	20. 53034	3. 43E-60	3. 24E-59	124. 717
BHLHE41	2. 533818	2. 985299	29. 59256	2. 87E-93	8. 54E-92	200. 9878
SSPN	2. 409933	2. 251773	31. 43151	1. 80E-99	7. 30E-98	215. 2956
ASUN	1. 330689	3. 139617	24. 24344	3. 32E-74	4. 70E-73	157. 0198
FGFR10P2	1. 320793	3. 543839	21. 02871	4. 22E-62	4. 19E-61	129. 1175
MED21	1. 681269	3. 600623	29. 05457	2. 03E-91	5. 54E-90	196. 7221

STK38L	2.085143	3.326934	27.84211	3.40E-87	7.56E-86	186.9768
ARNTL2	2.649761	1.829941	35.62015	6.52E-113	5.88E-111	246.3124
MRPS35	2.134397	4.185525	35.32969	5.20E-112	4.43E-110	244.231
PTHLH	2.45519	1.456324	28.52943	1.34E-89	3.33E-88	192.5235
FAR2	2.258322	1.697823	37.09996	1.94E-117	2.31E-115	256.7597
ERGIC2	1.306403	4.75875	18.93801	4.75E-54	3.86E-53	110.5674
LINC00941	1.867439	1.091186	22.49675	1.12E-67	1.29E-66	141.9737
TSPAN11	1.30237	1.037568	18.66122	5.61E-53	4.44E-52	108.098
P11-627K11.	1.141381	0.928203	14.10567	2.06E-35	1.13E-34	67.67731
FAM60A	1.939552	4.076464	23.20024	2.53E-70	3.18E-69	148.0693
P11-467L13.	1.093561	0.974435	20.42481	8.71E-60	8.14E-59	123.7832
KIAA1551	2.253621	3.823578	28.644	5.35E-90	1.36E-88	193.4424
BICD1	2.41878	2.046292	38.23351	7.86E-121	1.16E-118	264.588
RP11-817I4.1	1.129858	0.677202	31.26905	6.26E-99	2.46E-97	214.0487
FGD4	1.12674	2.33864	17.45988	2.56E-48	1.84E-47	97.36713
DNM1L	1.155798	3.897524	18.53382	1.75E-52	1.37E-51	106.9607
YARS2	1.758388	3.147345	32.29954	2.47E-102	1.18E-100	221.902
PKP2	1.331953	3.080518	14.57912	3.29E-37	1.88E-36	71.80986
CPNE8	1.486533	2.006103	24.02617	2.12E-73	2.92E-72	155.1648
CNTN1	1.870697	1.595224	20.00187	3.69E-58	3.31E-57	120.0343
PPHLN1	1.586222	4.066517	27.60821	2.27E-86	4.89E-85	185.076
ZCRB1	1.443611	4.580259	24.55504	2.35E-75	3.46E-74	159.6716
PRICKLE1	1.72022	1.623652	22.24843	9.67E-67	1.09E-65	139.8114
TWF1	1.925387	4.382834	27.30308	2.72E-85	5.61E-84	182.5864
TMEM117	1.243071	1.587124	30.77536	2.80E-97	1.02E-95	210.2392
PLEKHA8P1	1.263193	1.672233	22.03885	6.01E-66	6.63E-65	137.9823
ANO6	1.73387	3.417886	26.26492	1.39E-81	2.51E-80	174.0323
SCAF11	1.262774	4.064353	20.52596	3.56E-60	3.36E-59	124.6782
SLC38A1	1.185835	3.409973	15.94477	1.89E-42	1.20E-41	83.86289
AMIGO2	3.221953	2.757072	33.65016	1.04E-106	6.42E-105	231.9945
PCED1B	2.458667	2.160807	36.90043	7.78E-117	8.98E-115	255.3662
PCED1B-AS1	2.735407	2.464026	28.67007	4.35E-90	1.11E-88	193.6513
RPAP3	1.519862	2.970679	29.62368	2.25E-93	6.71E-92	201.2335
RAPGEF3	1.076633	3.063492	11.59023	3.86E-26	1.76E-25	46.38922
HDAC7	1.847508	4.537297	25.05304	3.49E-77	5.44E-76	163.888
VDR	2.984767	2.259239	47.24656	1.22E-145	1.17E-142	321.8482
SENP1	1.07498	1.912965	23.17201	3.23E-70	4.04E-69	147.8255
PFKM	1.873296	3.65301	25.08813	2.60E-77	4.07E-76	164.184
CCDC184	1.111007	0.845839	20.7111	6.94E-61	6.69E-60	126.3149
RP11-579D7.2	1.37443	0.772795	16.59426	5.82E-45	3.89E-44	89.64176
CACNB3	2.759281	2.858783	37.00942	3.64E-117	4.25E-115	256.1279
DDX23	1.092464	4.944937	16.65302	3.45E-45	2.32E-44	90.16547
RND1	2.226545	2.028299	22.18341	1.70E-66	1.91E-65	139.2444
FKBP11	-1.15638	6.226428	-13.5407	2.77E-33	1.46E-32	62.78763
ARF3	2.154932	4.934744	31.20407	1.03E-98	4.02E-97	213.549
PRKAG1	1.155241	4.642925	20.13048	1.18E-58	1.07E-57	121.1753
TUBA1B	3.116616	7.369926	32.22466	4.35E-102	2.04E-100	221.3358
P11-386G11.1	3.013135	4.160243	15.01912	6.86E-39	4.05E-38	75.6744
TUBA1A	3.055321	5.570115	27.84052	3.44E-87	7.66E-86	186.9639
TUBA1C	3.221696	5.992844	33.28718	1.53E-105	8.82E-104	229.3044
P11-161H23.	3.586844	5.054833	38.85582	1.15E-122	1.94E-120	268.8225
PRPH	1.03385	1.429094	9.293435	2.47E-18	9.48E-18	28.51999
TROAP	2.439028	1.635092	34.34443	6.44E-109	4.56E-107	237.0946
DNAJC22	1.185637	2.513487	16.56432	7.61E-45	5.06E-44	89.37489

SPATS2	1.291631	3.040029	22.82436	6.51E-69	7.81E-68	144.818
MCRS1	1.008365	4.753534	17.45912	2.58E-48	1.85E-47	97.36039
FMNL3	2.119476	2.198595	31.54034	7.85E-100	3.24E-98	216.1291
TMBIM6	1.706392	7.64532	21.841	3.39E-65	3.66E-64	136.2523
NCKAP5L	1.084852	2.604386	17.03855	1.11E-46	7.66E-46	93.60474
FAIM2	1.241216	1.28191	14.30696	3.56E-36	1.99E-35	69.4307
RP11-469H8.6	1.620454	1.097947	20.76662	4.25E-61	4.12E-60	126.8053
AQP5	4.589267	2.912931	31.8701	6.37E-101	2.80E-99	218.6454
RACGAP1	2.44443	2.021159	40.56677	1.30E-127	3.00E-125	280.2394
GPD1	1.366786	1.713659	12.11177	5.16E-28	2.45E-27	50.68678
COX14	1.681778	5.090462	26.64806	5.87E-83	1.11E-81	177.2042
CERS5	1.651841	4.286036	26.56605	1.15E-82	2.17E-81	176.5267
LIMA1	2.394383	4.800918	28.41425	3.37E-89	8.24E-88	191.598
DIP2B	1.440911	2.395681	25.69367	1.62E-79	2.72E-78	169.2714
ATF1	1.612153	3.017975	24.85426	1.87E-76	2.85E-75	162.2082
TFCP2	1.305889	3.155395	23.33771	7.74E-71	9.84E-70	149.2549
DAZAP2	1.97243	6.722072	25.30562	4.17E-78	6.73E-77	166.016
SMAGP	2.435088	3.958072	29.39081	1.41E-92	4.05E-91	199.3924
BIN2	1.791156	1.621777	22.59474	4.76E-68	5.57E-67	142.8255
GALNT6	1.902679	2.612358	23.5102	1.76E-71	2.27E-70	150.74
ACVRL1	1.218598	3.21655	16.64219	3.80E-45	2.55E-44	90.06898
NR4A1	1.211241	5.115712	7.221757	3.83E-12	1.25E-11	14.42461
P11-1100L3.	2.109745	2.03889	12.81488	1.39E-30	6.92E-30	56.5876
ATG101	1.806073	4.427139	29.98549	1.31E-94	4.18E-93	204.0806
P11-1100L3.	2.092141	3.092782	26.45847	2.81E-82	5.20E-81	175.6368
KRT80	1.719254	2.820252	15.97712	1.42E-42	9.01E-42	84.15019
KRT7	4.191901	6.938356	30.97984	5.78E-98	2.17E-96	211.8207
AC021066.1	3.793808	4.268452	12.15091	3.73E-28	1.77E-27	51.01218
RP3-416H24.1	1.115192	1.866662	11.59393	3.75E-26	1.71E-25	46.41941
KRT81	1.138891	0.661124	10.4609	3.36E-22	1.40E-21	37.36235
KRT6B	3.060802	1.767594	23.08835	6.65E-70	8.22E-69	147.1028
AC055736.2	1.82486	1.030381	10.12641	4.55E-21	1.86E-20	34.7732
KRT6A	3.195476	2.384191	15.65327	2.51E-41	1.55E-40	81.27701
AC055736.3	2.185941	1.563642	8.670185	2.26E-16	8.26E-16	24.04356
KRT5	1.899752	2.375738	9.623126	2.11E-19	8.32E-19	30.96004
KRT8	2.468935	9.123076	21.78668	5.44E-65	5.86E-64	135.7767
KRT18	2.039696	8.630872	18.84398	1.10E-53	8.85E-53	109.7287
IGFBP6	2.537349	5.024566	20.45623	6.60E-60	6.18E-59	124.0613
CSAD	-1.02381	4.067462	-11.5458	5.56E-26	2.52E-25	46.02682
ITGB7	1.886583	1.584217	28.57341	9.42E-90	2.36E-88	192.8764
RARG	2.58653	3.467651	32.2805	2.85E-102	1.36E-100	221.7581
MFSD5	1.626003	3.958774	29.93466	1.95E-94	6.14E-93	203.6816
ESPL1	1.204843	0.784106	28.79845	1.56E-90	4.07E-89	194.6786
PFDN5	1.180711	8.741952	13.95261	7.82E-35	4.25E-34	66.34785
C12orf10	1.103949	4.922255	17.17305	3.32E-47	2.33E-46	94.80549
SP1	1.547266	3.664434	23.65394	5.12E-72	6.71E-71	151.9755
AMHR2	-1.55639	1.263099	-21.6277	2.19E-64	2.32E-63	134.3835
PRR13	2.303844	6.731385	29.48054	6.94E-93	2.02E-91	200.1026
ATF7	1.185211	3.441622	20.37409	1.36E-59	1.27E-58	123.3342
ATP5G2	1.273627	8.312432	15.38147	2.79E-40	1.69E-39	78.8715
HOXC10	1.522658	0.823414	12.00274	1.28E-27	6.02E-27	49.78234
HOXC6	1.668482	1.05531	25.1744	1.26E-77	1.99E-76	164.9113
HOXC9	1.601796	0.85054	20.92968	1.01E-61	9.92E-61	128.2444
HOXC4	1.784665	1.041503	34.38135	4.92E-109	3.50E-107	237.3641

P11-834C11.	2. 482831	2. 52614	26. 77926	1. 99E-83	3. 85E-82	178. 2863
SMUG1	1. 488403	4. 435509	25. 30445	4. 21E-78	6. 79E-77	166. 0061
CBX5	1. 130572	2. 850112	21. 5284	5. 23E-64	5. 47E-63	133. 5124
HNRNPA1	1. 2455	8. 921277	13. 16764	6. 84E-32	3. 51E-31	59. 58854
COPZ1	1. 00891	6. 287963	14. 46712	8. 78E-37	4. 96E-36	70. 82966
ZNF385A	2. 589893	2. 567122	34. 83739	1. 80E-110	1. 39E-108	240. 68
ITGA5	2. 603095	4. 537248	24. 53172	2. 86E-75	4. 21E-74	159. 4735
NCKAP1L	2. 150261	1. 890466	23. 53847	1. 38E-71	1. 78E-70	150. 9832
PDE1B	1. 369609	1. 615213	20. 35907	1. 56E-59	1. 45E-58	123. 2012
TESPA1	1. 194158	0. 76856	18. 22799	2. 68E-51	2. 05E-50	104. 2296
METTL7B	2. 855401	2. 33804	34. 64947	7. 01E-110	5. 25E-108	239. 3167
BLOC1S1	2. 118224	6. 316558	30. 73547	3. 82E-97	1. 37E-95	209. 93
RDH5	1. 214908	2. 425884	15. 54016	6. 85E-41	4. 20E-40	80. 2753
CD63	2. 197211	9. 412551	25. 06973	3. 03E-77	4. 74E-76	164. 0287
GDF11	1. 104017	1. 200243	22. 66703	2. 54E-68	3. 00E-67	143. 4533
SARNP	2. 036186	5. 024197	32. 05378	1. 58E-101	7. 17E-100	220. 0412
ORMDL2	2. 230318	4. 737179	32. 94003	2. 03E-104	1. 09E-102	226. 7163
DNAJC14	1. 367299	3. 241503	21. 58848	3. 09E-64	3. 25E-63	134. 0396
MMP19	2. 05233	2. 665775	18. 62749	7. 58E-53	5. 99E-52	107. 7969
WIBG	1. 708178	4. 271556	32. 65413	1. 72E-103	8. 79E-102	224. 5736
DGKA	1. 501878	4. 787988	18. 0879	9. 38E-51	7. 05E-50	102. 9781
CDK2	1. 469884	3. 564927	21. 20753	8. 75E-63	8. 86E-62	130. 6923
RAB5B	1. 551088	5. 158677	24. 07403	1. 41E-73	1. 95E-72	155. 5738
ERBB3	1. 422459	5. 248036	16. 33343	5. 95E-44	3. 89E-43	87. 3185
PA2G4	1. 308463	5. 509566	18. 13596	6. 10E-51	4. 61E-50	103. 4075
P11-603J24. 1	1. 193337	2. 279043	22. 10321	3. 43E-66	3. 81E-65	138. 5444
MYL6B	2. 376329	4. 308246	35. 70242	3. 63E-113	3. 33E-111	246. 9
MYL6	2. 534893	9. 762021	25. 91625	2. 52E-80	4. 36E-79	171. 1309
RNF41	1. 277664	3. 552276	19. 85269	1. 39E-57	1. 23E-56	118. 7098
NABP2	1. 097826	4. 235401	20. 00635	3. 55E-58	3. 18E-57	120. 0741
SLC39A5	-4. 42138	5. 241226	-28. 8048	1. 48E-90	3. 88E-89	194. 729
CNPY2	1. 204961	6. 307765	18. 03774	1. 47E-50	1. 10E-49	102. 53
PAN2	-1. 38988	4. 704594	-16. 4743	1. 70E-44	1. 12E-43	88. 57318
IL23A	1. 546256	1. 257483	23. 46776	2. 53E-71	3. 26E-70	150. 375
GLS2	-3. 03446	2. 967016	-29. 4652	7. 83E-93	2. 27E-91	199. 9816
RBMS2	1. 601118	2. 605555	25. 51858	6. 99E-79	1. 15E-77	167. 8046
ATP5B	1. 521931	7. 664751	19. 64762	8. 58E-57	7. 45E-56	116. 8873
PTGES3	1. 775373	6. 365266	23. 32505	8. 64E-71	1. 10E-69	149. 1458
NACA	1. 114279	9. 752365	19. 78936	2. 43E-57	2. 14E-56	118. 1471
HSD17B6	1. 839055	1. 066478	26. 0036	1. 22E-80	2. 13E-79	171. 8591
MYO1A	2. 407842	1. 347417	18. 89422	7. 02E-54	5. 68E-53	110. 1769
NAB2	2. 250994	2. 945878	32. 47948	6. 38E-103	3. 15E-101	223. 2597
STAT6	1. 147156	5. 780583	13. 49647	4. 06E-33	2. 13E-32	62. 40726
LRP1	2. 889754	4. 982338	31. 86848	6. 45E-101	2. 83E-99	218. 6331
NDUFA4L2	1. 665636	3. 428701	17. 9493	3. 23E-50	2. 41E-49	101. 7398
STAC3	1. 452325	1. 463777	28. 07225	5. 29E-88	1. 22E-86	188. 8405
GLI1	1. 898343	1. 441784	26. 46511	2. 66E-82	4. 93E-81	175. 6917
ARHGAP9	1. 804314	2. 701646	17. 74662	1. 98E-49	1. 45E-48	99. 92897
DDIT3	1. 470265	4. 524051	16. 4756	1. 68E-44	1. 11E-43	88. 58447
PIP4K2C	1. 640697	3. 881841	25. 53879	5. 90E-79	9. 77E-78	167. 9741
ARHGEF25	1. 413896	3. 055099	17. 43068	3. 33E-48	2. 38E-47	97. 10637
B4GALNT1	1. 190317	0. 978768	21. 11528	1. 97E-62	1. 97E-61	129. 8801
OS9	1. 085289	7. 048985	15. 38146	2. 79E-40	1. 69E-39	78. 87147
AGAP2	1. 026378	1. 013492	18. 24647	2. 27E-51	1. 74E-50	104. 3946

AGAP2-AS1	1. 468239	3. 206663	20. 96804	7. 20E-62	7. 11E-61	128. 5826
TSPAN31	1. 388321	4. 683852	19. 59171	1. 41E-56	1. 22E-55	116. 39
CDK4	1. 387259	5. 56267	20. 24024	4. 46E-59	4. 09E-58	122. 1484
9-Mar	1. 033639	3. 525461	16. 3941	3. 47E-44	2. 28E-43	87. 85862
TSM	1. 640305	3. 756994	30. 78894	2. 52E-97	9. 20E-96	210. 3444
P11-620J15.	1. 100998	2. 502623	17. 28222	1. 25E-47	8. 85E-47	95. 78036
P11-631N16.	1. 231506	2. 064726	13. 13443	9. 09E-32	4. 66E-31	59. 30497
PPM1H	1. 223108	1. 79395	21. 93285	1. 52E-65	1. 66E-64	137. 0559
TBK1	1. 419515	2. 867468	25. 37109	2. 41E-78	3. 91E-77	166. 5664
RASSF3	1. 78432	3. 316448	28. 35841	5. 28E-89	1. 28E-87	191. 1487
RP11-629N8. 5	1. 42038	1. 573711	15. 24347	9. 47E-40	5. 68E-39	77. 65249
GNS	2. 269946	4. 348224	32. 29167	2. 62E-102	1. 25E-100	221. 8425
MSRB3	2. 417003	2. 470389	26. 50539	1. 90E-82	3. 55E-81	176. 0251
HMGA2	1. 488317	0. 95387	14. 56382	3. 76E-37	2. 14E-36	71. 67584
LLPH	1. 775577	3. 482728	32. 74268	8. 85E-104	4. 61E-102	225. 2384
TMBIM4	-1. 22184	1. 707744	-8. 31126	2. 80E-15	9. 99E-15	21. 55258
IRAK3	1. 452922	1. 543394	22. 01789	7. 22E-66	7. 94E-65	137. 7992
CAND1	1. 247112	4. 181088	18. 78418	1. 87E-53	1. 50E-52	109. 1952
DYRK2	2. 117814	2. 598535	36. 45581	1. 75E-115	1. 87E-113	252. 2441
RAP1B	1. 987082	5. 487173	25. 94798	1. 94E-80	3. 36E-79	171. 3955
NUP107	1. 103436	3. 410896	17. 35064	6. 80E-48	4. 82E-47	96. 39143
MDM2	1. 03211	4. 463855	12. 74517	2. 51E-30	1. 24E-29	55. 99759
RP11-61102. 5	1. 267015	1. 213019	16. 32574	6. 37E-44	4. 16E-43	87. 25005
CPM	1. 647435	2. 549868	17. 45733	2. 62E-48	1. 88E-47	97. 34443
CPSF6	1. 203638	3. 892469	20. 86107	1. 85E-61	1. 81E-60	127. 639
LYZ	5. 862258	6. 59328	33. 99114	8. 52E-108	5. 58E-106	234. 5067
P11-1143G9.	4. 675024	3. 232153	20. 42393	8. 78E-60	8. 20E-59	123. 7754
FRS2	1. 156036	2. 049233	19. 22083	3. 82E-55	3. 19E-54	113. 0884
CCT2	1. 294236	5. 461381	14. 39497	1. 65E-36	9. 26E-36	70. 19902
CNOT2	1. 268866	4. 163593	19. 99044	4. 09E-58	3. 66E-57	119. 9329
KCNMB4	1. 207366	0. 922882	20. 09974	1. 55E-58	1. 40E-57	120. 9027
PTPRB	1. 360658	1. 890717	20. 73238	5. 75E-61	5. 56E-60	126. 5029
PTPRR	2. 171451	1. 14907	26. 53676	1. 47E-82	2. 75E-81	176. 2845
TSPAN8	4. 517791	5. 949177	33. 52255	2. 68E-106	1. 61E-104	231. 0506
LGR5	1. 342401	0. 693516	15. 9246	2. 26E-42	1. 43E-41	83. 68379
TMEM19	1. 764817	2. 839558	27. 31997	2. 37E-85	4. 91E-84	182. 7245
RAB21	1. 626281	3. 643515	22. 69317	2. 03E-68	2. 40E-67	143. 6802
TRHDE	-1. 2356	1. 191073	-18. 1282	6. 54E-51	4. 94E-50	103. 3381
TRHDE-AS1	-1. 85094	1. 649282	-26. 3579	6. 45E-82	1. 18E-80	174. 8038
ATXN7L3B	1. 241634	3. 485505	21. 76662	6. 49E-65	6. 96E-64	135. 601
GLIPR1	2. 736344	2. 555021	29. 28217	3. 33E-92	9. 42E-91	198. 5312
KRR1	1. 213723	3. 656575	19. 93017	6. 97E-58	6. 21E-57	119. 3979
PHLDA1	2. 677349	3. 539323	29. 56406	3. 59E-93	1. 06E-91	200. 7627
NAP1L1	1. 668277	6. 959492	20. 97224	6. 94E-62	6. 85E-61	128. 6196
OSBPL8	1. 612235	2. 615632	23. 16891	3. 32E-70	4. 15E-69	147. 7988
CSRP2	1. 469684	3. 549303	18. 15163	5. 31E-51	4. 02E-50	103. 5475
PPP1R12A	1. 26079	3. 177368	17. 5464	1. 18E-48	8. 53E-48	98. 14012
CCDC59	1. 262689	4. 156901	21. 23355	6. 96E-63	7. 07E-62	130. 9213
TMTC2	1. 158695	2. 291647	18. 6786	4. 80E-53	3. 81E-52	108. 253
TMTC3	1. 296905	1. 481594	26. 98254	3. 75E-84	7. 44E-83	179. 959
KITLG	2. 090154	2. 338972	23. 72768	2. 72E-72	3. 61E-71	152. 6084
DUSP6	3. 187357	4. 034955	36. 85691	1. 05E-116	1. 21E-114	255. 0616
POC1B	1. 988971	2. 576217	30. 95839	6. 83E-98	2. 56E-96	211. 655
GALNT4	2. 678714	2. 42271	30. 16934	3. 11E-95	1. 02E-93	205. 521

ATP2B1	1.231336	2.886038	18.3502	9.01E-52	6.95E-51	105.3211
EPYC	1.849422	0.888823	14.11587	1.89E-35	1.04E-34	67.76604
LUM	5.050447	7.250225	37.0528	2.69E-117	3.17E-115	256.4308
DCN	3.085276	7.228318	22.87198	4.31E-69	5.21E-68	145.2307
BTG1	1.129405	5.424242	13.14192	8.53E-32	4.37E-31	59.36892
P11-486A14.	1.22445	0.592822	19.06233	1.57E-54	1.29E-53	111.6759
NUDT4	1.784925	4.645654	23.49419	2.02E-71	2.60E-70	150.6023
UBE2N	2.227301	4.725509	32.6008	2.56E-103	1.30E-101	224.1728
MRPL42	1.779474	3.800495	28.17389	2.33E-88	5.46E-87	189.6615
PLXNC1	2.035002	1.664149	27.57328	3.01E-86	6.45E-85	184.7916
TMCC3	1.853338	1.578319	30.24613	1.71E-95	5.66E-94	206.1214
NDUFA12	1.956049	5.380211	29.26717	3.75E-92	1.06E-90	198.4121
FGD6	1.685036	1.975611	26.49962	2.00E-82	3.72E-81	175.9773
VEZT	1.647552	4.140292	24.68779	7.63E-76	1.14E-74	160.7982
SNRPF	2.116466	3.930155	35.13202	2.15E-111	1.77E-109	242.8087
LTA4H	1.18142	5.075243	16.72069	1.89E-45	1.27E-44	90.76882
ELK3	2.892238	3.055612	40.45881	2.64E-127	5.96E-125	279.5287
CDK17	1.248575	2.598434	19.50226	3.12E-56	2.68E-55	115.5943
NEDD1	1.247488	2.065936	23.03916	1.02E-69	1.25E-68	146.6776
IKBIP	2.066745	2.382816	32.46889	6.90E-103	3.39E-101	223.1799
APAF1	1.201131	2.204311	22.30427	5.95E-67	6.74E-66	140.2981
UHRF1BP1L	1.437665	1.769019	26.33464	7.82E-82	1.43E-80	174.6108
RP11-135F9.5	1.330941	1.378115	33.16337	3.84E-105	2.16E-103	228.3831
ACTR6	1.47246	2.823562	27.29797	2.84E-85	5.85E-84	182.5446
GAS2L3	1.367415	1.029314	24.48277	4.34E-75	6.34E-74	159.0575
ARL1	1.293617	4.629689	20.1352	1.13E-58	1.03E-57	121.2172
CHPT1	1.58584	4.15677	18.4903	2.58E-52	2.01E-51	106.5722
GNPTAB	1.263117	3.11255	23.17681	3.10E-70	3.88E-69	147.8669
DRAM1	1.59256	2.875821	23.98883	2.91E-73	3.99E-72	154.8455
CCDC53	1.849346	4.086826	31.50924	9.96E-100	4.08E-98	215.8911
NUP37	1.764222	3.209156	31.12476	1.90E-98	7.29E-97	212.9384
PARPBP	1.420358	0.986833	34.72315	4.11E-110	3.10E-108	239.8517
PAH	-1.10403	2.333763	-7.83258	7.24E-14	2.49E-13	18.33727
GLT8D2	2.772547	2.444802	30.16389	3.25E-95	1.06E-93	205.4784
TXNRD1	2.215374	3.755669	28.60131	7.53E-90	1.90E-88	193.1002
CHST11	2.352351	2.386605	26.25454	1.52E-81	2.73E-80	173.9461
SLC41A2	1.360624	3.078419	17.92288	4.10E-50	3.04E-49	101.5038
ALDH1L2	-1.63366	2.66013	-18.1133	7.48E-51	5.64E-50	103.2046
C12orf75	2.568731	5.030093	23.24373	1.74E-70	2.19E-69	148.4446
NUAK1	1.628712	1.909817	22.12238	2.90E-66	3.23E-65	138.7117
CKAP4	1.802281	4.727349	27.41882	1.06E-85	2.23E-84	183.5321
TMEM263	1.099072	3.737293	17.22227	2.14E-47	1.50E-46	95.24495
PWP1	1.094653	4.02678	19.12864	8.69E-55	7.20E-54	112.267
CMKLR1	1.196106	1.547464	14.98643	9.15E-39	5.39E-38	75.38657
SART3	1.004134	3.685516	17.12216	5.24E-47	3.65E-46	94.35107
ISCU	1.097225	5.855514	15.7741	8.61E-42	5.38E-41	82.34823
TMEM119	3.074657	3.259129	26.624	7.16E-83	1.36E-81	177.0055
SELPLG	3.8455	2.697544	45.58788	2.41E-141	1.80E-138	311.9343
CORO1C	2.632779	3.891347	35.66421	4.76E-113	4.33E-111	246.6272
SSH1	1.443061	2.105512	23.01162	1.29E-69	1.58E-68	146.4394
USP30-AS1	1.249075	0.884444	22.40729	2.43E-67	2.78E-66	141.1953
ALKBH2	1.124164	3.530362	18.6279	7.55E-53	5.97E-52	107.8006
UNG	1.623034	3.359491	29.83048	4.42E-94	1.37E-92	202.8628
KCTD10	2.028186	3.430115	29.94435	1.81E-94	5.70E-93	203.7577

MVK	1.059519	2.909877	18.54841	1.54E-52	1.20E-51	107.091
TRPV4	1.504848	2.097816	19.99955	3.77E-58	3.38E-57	120.0137
GLTP	1.217909	3.804247	22.26915	8.08E-67	9.12E-66	139.9921
ATP2A2	1.822818	5.284898	22.81832	6.86E-69	8.23E-68	144.7657
ARPC3	2.303678	7.128327	30.15551	3.47E-95	1.13E-93	205.4128
GPN3	1.082847	3.109184	19.97601	4.64E-58	4.15E-57	119.8048
VPS29	1.290762	5.807162	19.20513	4.40E-55	3.67E-54	112.9486
PPTC7	1.417572	2.661881	24.27886	2.46E-74	3.49E-73	157.3218
TCTN1	1.221224	3.849159	19.9902	4.10E-58	3.66E-57	119.9307
HVCN1	2.254399	1.79797	30.78441	2.61E-97	9.52E-96	210.3093
PPP1CC	1.024069	5.39992	14.86881	2.58E-38	1.51E-37	74.35182
SH2B3	1.376075	2.545342	21.67339	1.47E-64	1.56E-63	134.7842
BRAP	1.305581	2.449509	28.89226	7.38E-91	1.96E-89	195.428
ALDH2	2.549014	5.749334	28.91725	6.05E-91	1.61E-89	195.6275
MAPKAPK5-AS1	1.399168	3.978841	23.97799	3.19E-73	4.37E-72	154.7528
ERP29	1.189782	6.348569	19.10944	1.03E-54	8.54E-54	112.0958
TRAFD1	1.805827	3.42562	30.35599	7.26E-96	2.45E-94	206.9791
PTPN11	1.436188	3.476303	21.5898	3.05E-64	3.21E-63	134.0512
OAS1	4.316678	3.452494	42.96598	2.57E-134	1.09E-131	295.7106
OAS3	2.928007	2.415291	33.76222	4.58E-107	2.88E-105	232.8217
OAS2	3.552908	2.466562	30.37064	6.48E-96	2.19E-94	207.0934
DTX1	1.942853	2.584495	26.14742	3.69E-81	6.57E-80	173.0561
RASAL1	2.811109	2.426367	31.9951	2.47E-101	1.11E-99	219.5957
RITA1	1.225655	2.850702	26.69899	3.86E-83	7.38E-82	177.6245
IQCD	1.079476	0.866835	25.41892	1.61E-78	2.64E-77	166.9682
PLBD2	1.32837	3.799982	21.54193	4.64E-64	4.87E-63	133.6311
SDS	2.592553	1.667791	26.4529	2.94E-82	5.44E-81	175.5907
SDSL	1.172479	3.398896	20.87757	1.60E-61	1.56E-60	127.7846
TBX3	1.109937	1.790999	16.43389	2.43E-44	1.60E-43	88.21297
MAP1LC3B2	1.368474	1.082437	28.58183	8.81E-90	2.21E-88	192.9439
C12orf49	2.056904	3.056988	33.86704	2.12E-107	1.35E-105	233.5941
RNFT2	1.036307	0.81515	22.24309	1.01E-66	1.14E-65	139.7649
TESC	1.438789	6.143459	12.44306	3.22E-29	1.56E-28	53.45287
WSB2	1.661051	4.497774	27.22157	5.30E-85	1.08E-83	181.9195
TAOK3	1.727082	3.258273	27.90189	2.10E-87	4.70E-86	187.4615
PRKAB1	1.211004	4.287251	17.70928	2.76E-49	2.02E-48	99.59534
CIT	1.252436	1.122315	23.75325	2.18E-72	2.91E-71	152.8278
CCDC64	1.324929	2.834757	16.03451	8.51E-43	5.44E-42	84.65999
RAB35	1.787731	3.687292	29.81465	5.00E-94	1.55E-92	202.7383
PXN	1.981393	4.937733	26.33937	7.52E-82	1.37E-80	174.65
RNU4-2	1.681847	3.082057	7.106222	7.91E-12	2.56E-11	13.70992
PLA2G1B	-8.43935	9.563952	-23.0157	1.24E-69	1.52E-68	146.4746
COX6A1	1.817727	7.680187	23.336	7.86E-71	9.98E-70	149.2402
DYNLL1	2.402712	7.251527	31.01779	4.32E-98	1.64E-96	212.1137
NRAV	1.20735	1.935567	26.04383	8.73E-81	1.53E-79	172.1941
COQ5	1.131698	3.655023	21.88097	2.39E-65	2.59E-64	136.602
RNF10	1.154187	6.119152	16.62804	4.31E-45	2.89E-44	89.94279
SPPL3	1.410013	3.842897	23.14753	3.99E-70	4.97E-69	147.6141
C12orf43	1.111984	2.421757	24.72508	5.56E-76	8.36E-75	161.1143
OASL	3.629445	1.964208	37.24415	7.12E-118	8.71E-116	257.7637
CAMKK2	1.155834	3.422103	21.17397	1.18E-62	1.19E-61	130.3969
RNF34	1.400855	3.60143	25.97869	1.50E-80	2.61E-79	171.6515
ORAI1	2.057256	3.206525	36.11997	1.87E-114	1.90E-112	249.8702
RHOF	3.13576	2.778444	37.44247	1.80E-118	2.31E-116	259.1408

PSMD9	1.168041	5.010957	19.28994	2.07E-55	1.74E-54	113.704
AC156455.1	-2.09174	2.620295	-29.1318	1.10E-91	3.04E-90	197.3364
DIABLO	1.749654	4.727018	28.88075	8.09E-91	2.14E-89	195.3361
VPS33A	1.154729	2.48475	23.48931	2.10E-71	2.71E-70	150.5604
CLIP1	1.055378	3.613667	16.10338	4.61E-43	2.96E-42	85.27205
HCAR2	1.056217	0.594379	14.35164	2.41E-36	1.35E-35	69.82063
DENR	1.519708	3.834503	28.19889	1.91E-88	4.47E-87	189.8632
VPS37B	1.745897	4.230246	23.92161	5.17E-73	7.02E-72	154.2703
ABC9	1.293848	1.838661	22.94934	2.21E-69	2.69E-68	145.9006
C12orf65	1.26367	2.676563	24.95242	8.15E-77	1.26E-75	163.0382
CDK2AP1	2.640678	5.50209	35.98499	4.87E-114	4.78E-112	248.9124
RILPL2	1.728042	1.653144	40.36459	4.91E-127	1.07E-124	278.9073
SNRNP35	1.413654	3.927608	24.72039	5.79E-76	8.69E-75	161.0745
RILPL1	1.472482	2.149154	27.17187	7.96E-85	1.61E-83	181.5124
GTF2H3	1.45183	2.466935	24.82311	2.43E-76	3.70E-75	161.9446
TCTN2	1.282902	2.448482	24.24064	3.40E-74	4.81E-73	156.996
CCDC92	1.641696	3.914936	26.70368	3.71E-83	7.10E-82	177.6632
FAM101A	3.882159	2.06915	39.93693	8.28E-126	1.68E-123	276.0746
NCOR2	1.481911	5.270738	19.20268	4.49E-55	3.75E-54	112.9267
SCARB1	1.887446	3.671576	29.52896	4.74E-93	1.39E-91	200.4854
UBC	2.528758	8.893318	26.69809	3.89E-83	7.43E-82	177.6171
BRI3BP	1.40699	2.030224	25.17389	1.26E-77	2.00E-76	164.907
AACS	1.111979	3.460377	18.47718	2.90E-52	2.26E-51	106.455
RP4-809F18.2	-1.71392	1.111668	-26.2006	2.37E-81	4.25E-80	173.498
RP4-809F18.1	-2.11353	1.47113	-26.5224	1.66E-82	3.09E-81	176.1656
SLC15A4	1.343123	3.480643	22.29788	6.29E-67	7.12E-66	140.2424
RAN	2.350161	7.294636	28.47102	2.14E-89	5.27E-88	192.0544
MMP17	1.047433	1.773303	11.52575	6.55E-26	2.97E-25	45.86312
ULK1	-1.0423	4.497247	-12.4585	2.83E-29	1.37E-28	53.58234
NOC4L	1.017901	3.616565	15.52225	8.03E-41	4.92E-40	80.11674
P13-714J12.	-1.59131	1.916127	-18.0661	1.14E-50	8.56E-50	102.7832
PGAM5	1.106443	3.44021	19.92481	7.31E-58	6.51E-57	119.3503
ANKLE2	1.256661	4.396287	17.67376	3.79E-49	2.76E-48	99.27794
PSPC1	1.5723	3.775993	28.26457	1.12E-88	2.67E-87	190.3929
ZMYM5	1.074406	2.351844	20.09473	1.62E-58	1.47E-57	120.8582
ZMYM2	1.264533	4.052749	19.41628	6.71E-56	5.70E-55	114.829
GJB2	4.81025	2.940356	38.31032	4.65E-121	7.00E-119	265.113
GJB6	1.176261	0.620453	12.38709	5.15E-29	2.49E-28	52.98365
CRYL1	1.134237	4.415206	15.71565	1.45E-41	8.98E-41	81.82987
N6AMT2	1.195798	2.390635	25.1867	1.13E-77	1.80E-76	165.0149
LATS2	1.68645	2.244932	27.38476	1.40E-85	2.92E-84	183.2539
SAP18	1.815732	6.19486	26.52674	1.60E-82	2.98E-81	176.2017
SKA3	1.483027	0.837246	34.92541	9.53E-111	7.54E-109	241.317
MRPL57	1.42146	3.499949	27.81662	4.18E-87	9.25E-86	186.77
ZDHHC20	2.643393	3.43145	42.21713	2.98E-132	1.03E-129	290.9475
MICU2	1.151857	4.07664	20.56974	2.42E-60	2.30E-59	125.0655
FTH1P7	3.307797	3.036168	52.80703	3.01E-159	8.28E-156	353.2589
TNFRSF19	1.457978	1.689797	19.43509	5.68E-56	4.83E-55	114.9964
MIPEP	1.366863	3.163216	25.23772	7.37E-78	1.18E-76	165.4446
PARP4	2.182368	3.785825	29.94585	1.79E-94	5.64E-93	203.7695
P11-756A22.	1.020085	0.564021	8.908996	4.09E-17	1.52E-16	25.73687
NUPL1	1.264835	2.891012	22.43472	1.91E-67	2.20E-66	141.434
SHISA2	2.293699	1.259487	35.85938	1.19E-113	1.12E-111	248.019
RNF6	1.561863	3.100581	26.72236	3.18E-83	6.10E-82	177.8172

USP12	1. 11491	2. 985846	19. 30822	1. 76E-55	1. 48E-54	113. 8668
RASL11A	1. 127281	2. 311763	14. 58816	3. 04E-37	1. 74E-36	71. 88899
GTF3A	1. 478804	5. 843923	24. 28302	2. 37E-74	3. 37E-73	157. 3573
MTIF3	1. 129827	5. 286962	18. 5849	1. 11E-52	8. 72E-52	107. 4167
FLT1	1. 491081	2. 606438	19. 20611	4. 36E-55	3. 64E-54	112. 9573
POMP	2. 340495	5. 203007	38. 68424	3. 67E-122	5. 90E-120	267. 6594
SLC46A3	1. 774179	2. 873534	28. 48179	1. 96E-89	4. 84E-88	192. 1409
MTUS2	-1. 65914	1. 592058	-22. 8721	4. 31E-69	5. 20E-68	145. 2318
KATNAL1	1. 09174	1. 214436	21. 23405	6. 93E-63	7. 04E-62	130. 9257
LINC00426	1. 069601	0. 672914	17. 98026	2. 45E-50	1. 83E-49	102. 0164
HMGB1	2. 07357	7. 009862	28. 29575	8. 74E-89	2. 09E-87	190. 6442
ALOX5AP	3. 392923	4. 107844	28. 08601	4. 74E-88	1. 09E-86	188. 9517
MEDAG	1. 686621	2. 134065	12. 6882	4. 06E-30	2. 01E-29	55. 51619
HSPH1	2. 14097	4. 529019	24. 15441	7. 09E-74	9. 93E-73	156. 2604
FRY	1. 059891	3. 31279	13. 54583	2. 65E-33	1. 40E-32	62. 83211
PDS5B	1. 45451	2. 725971	24. 42994	6. 80E-75	9. 86E-74	158. 6082
RFC3	1. 040112	1. 948813	20. 45993	6. 39E-60	5. 98E-59	124. 094
SPG20	1. 248849	3. 355122	16. 30608	7. 59E-44	4. 95E-43	87. 07507
POSTN	6. 214581	4. 023432	48. 34691	1. 99E-148	2. 46E-145	328. 2818
FREM2-AS1	-1. 76185	1. 005562	-19. 8573	1. 33E-57	1. 18E-56	118. 7505
LHFP	2. 28373	3. 616404	23. 93096	4. 77E-73	6. 49E-72	154. 3504
FOXO1	1. 200225	2. 903429	17. 37619	5. 42E-48	3. 85E-47	96. 61957
MRPS31	1. 042352	3. 293802	20. 27132	3. 39E-59	3. 12E-58	122. 4239
ELF1	1. 480464	4. 262119	20. 05114	2. 39E-58	2. 15E-57	120. 4716
WBP4	1. 07196	2. 282251	24. 04096	1. 87E-73	2. 57E-72	155. 2912
NAA16	-1. 18321	3. 299619	-20. 199	6. 44E-59	5. 87E-58	121. 7824
RGCC	1. 970209	4. 053595	21. 21887	7. 92E-63	8. 04E-62	130. 7921
DGKH	1. 366152	1. 157059	30. 14445	3. 78E-95	1. 23E-93	205. 3263
AKAP11	1. 294296	2. 321925	22. 11608	3. 07E-66	3. 41E-65	138. 6568
TNFSF11	2. 104143	1. 088524	28. 15815	2. 65E-88	6. 18E-87	189. 5345
EPSTI1	3. 606644	2. 533021	41. 31133	1. 01E-129	2. 81E-127	285. 1068
DNAJC15	2. 22386	3. 113126	33. 27647	1. 66E-105	9. 51E-104	229. 2247
ENOX1	1. 210571	0. 958719	22. 9328	2. 55E-69	3. 09E-68	145. 7573
LACC1	1. 22792	1. 64013	25. 87478	3. 56E-80	6. 14E-79	170. 7848
SERP2	1. 229304	1. 83346	19. 72023	4. 50E-57	3. 94E-56	117. 5328
TSC22D1	2. 732462	5. 295305	26. 85414	1. 08E-83	2. 10E-82	178. 903
GPALPP1	1. 300534	2. 659361	26. 75391	2. 45E-83	4. 73E-82	178. 0774
GTF2F2	1. 58318	3. 042431	31. 61019	4. 61E-100	1. 93E-98	216. 6632
TPT1	1. 157787	11. 85073	10. 64096	8. 13E-23	3. 44E-22	38. 77318
RCN1P2	1. 061478	2. 285382	13. 34164	1. 54E-32	8. 00E-32	61. 07767
ZC3H13	1. 267833	2. 802153	22. 83934	5. 72E-69	6. 88E-68	144. 9479
LCP1	3. 341937	3. 304356	31. 29964	4. 95E-99	1. 96E-97	214. 2837
KIAA0226L	1. 18546	1. 095139	17. 59284	7. 82E-49	5. 66E-48	98. 55495
LRCH1	2. 156016	2. 361933	37. 10334	1. 89E-117	2. 26E-115	256. 7832
ESD	1. 807561	5. 429988	28. 23857	1. 39E-88	3. 27E-87	190. 1833
SUCLA2	1. 41768	3. 50648	24. 80525	2. 82E-76	4. 29E-75	161. 7934
NUDT15	1. 446477	2. 815513	27. 82545	3. 89E-87	8. 63E-86	186. 8417
MED4	1. 504095	4. 428929	26. 68019	4. 50E-83	8. 59E-82	177. 4694
ITM2B	2. 60266	8. 356935	31. 36478	3. 01E-99	1. 20E-97	214. 7838
RB1	1. 799486	3. 011345	17. 01666	1. 34E-46	9. 30E-46	93. 40934
LPAR6	2. 289814	3. 230161	29. 73845	9. 10E-94	2. 77E-92	202. 1384
RCBTB2	1. 195797	2. 367784	19. 92133	7. 54E-58	6. 71E-57	119. 3194
P11-156K23.	1. 200692	1. 053863	31. 52755	8. 66E-100	3. 56E-98	216. 0312
COX7CP1	-1. 0349	0. 998709	-11. 483	9. 29E-26	4. 20E-25	45. 51464

CDADC1	1. 280917	2. 122464	29. 8988	2. 58E-94	8. 09E-93	203. 3999
KPNA3	1. 785831	2. 753908	33. 01898	1. 12E-104	6. 18E-103	227. 3062
TRIM13	1. 170751	3. 258096	22. 7536	1. 20E-68	1. 43E-67	144. 2045
DLEU1	1. 512584	2. 013717	30. 5609	1. 48E-96	5. 15E-95	208. 5748
WDFY2	-1. 19594	2. 56997	-21. 8134	4. 31E-65	4. 65E-64	136. 0105
ALG11	1. 132371	1. 765932	23. 91045	5. 69E-73	7. 71E-72	154. 1748
UTP14C	1. 236492	2. 356409	24. 54711	2. 51E-75	3. 70E-74	159. 6043
CKAP2	2. 026614	1. 689585	36. 22474	8. 93E-115	9. 16E-113	250. 6123
SUGT1	1. 549032	4. 439756	24. 9011	1. 26E-76	1. 93E-75	162. 6044
OLFM4	2. 71206	6. 644451	8. 952284	2. 99E-17	1. 12E-16	26. 04678
DIAPH3	1. 178379	0. 68064	27. 98975	1. 03E-87	2. 34E-86	188. 1731
MZT1	1. 656074	2. 419431	31. 27473	5. 99E-99	2. 36E-97	214. 0923
BORA	1. 237479	1. 367172	29. 6788	1. 46E-93	4. 39E-92	201. 6683
DIS3	1. 306903	2. 734928	23. 72734	2. 73E-72	3. 62E-71	152. 6055
PIBF1	1. 527713	2. 759311	14. 32724	2. 98E-36	1. 67E-35	69. 6077
KLF5	3. 926257	4. 018138	42. 16408	4. 18E-132	1. 44E-129	290. 6079
KLF12	1. 128194	0. 990747	21. 32827	3. 03E-63	3. 10E-62	131. 7544
COMMD6	2. 010586	6. 697763	27. 40024	1. 23E-85	2. 58E-84	183. 3803
UCHL3	1. 421936	4. 370845	23. 27095	1. 38E-70	1. 74E-69	148. 6794
LM07	2. 814905	5. 138296	31. 77071	1. 36E-100	5. 85E-99	217. 8884
KCTD12	2. 475703	3. 028562	28. 84604	1. 07E-90	2. 81E-89	195. 0589
CLN5	1. 263457	3. 586405	22. 28609	6. 97E-67	7. 87E-66	140. 1397
FBXL3	1. 31828	3. 378695	22. 48863	1. 20E-67	1. 39E-66	141. 9031
SCEL	2. 863539	1. 498614	25. 10269	2. 30E-77	3. 61E-76	164. 3068
RNF219	1. 352709	1. 80121	32. 55497	3. 62E-103	1. 81E-101	223. 8281
NDFIP2	1. 395427	3. 71386	20. 42955	8. 36E-60	7. 81E-59	123. 8251
SPRY2	1. 193065	3. 744084	16. 77406	1. 17E-45	7. 94E-45	91. 24474
PTMAP5	1. 85442	2. 014276	24. 4782	4. 51E-75	6. 58E-74	159. 0187
GPC6	2. 083182	1. 289191	28. 17439	2. 32E-88	5. 44E-87	189. 6656
SOX21	1. 331129	0. 653519	16. 9023	3. 73E-46	2. 55E-45	92. 38874
ABCC4	1. 121582	1. 377916	20. 99946	5. 46E-62	5. 41E-61	128. 8596
MBNL2	1. 045569	4. 11419	13. 55405	2. 47E-33	1. 30E-32	62. 90285
RAP2A	1. 733912	2. 03227	33. 06567	7. 94E-105	4. 39E-103	227. 6547
STK24	2. 211563	5. 289379	32. 6333	2. 01E-103	1. 02E-101	224. 4171
DOCK9	1. 919654	3. 935555	24. 24622	3. 24E-74	4. 59E-73	157. 0436
UBAC2	2. 053427	4. 87816	32. 93934	2. 04E-104	1. 09E-102	226. 7112
GPR183	2. 751376	2. 06038	27. 7429	7. 60E-87	1. 67E-85	186. 1714
LINC01232	1. 727713	1. 11094	30. 86436	1. 41E-97	5. 19E-96	210. 9282
TM9SF2	1. 427112	5. 623891	21. 00632	5. 14E-62	5. 09E-61	128. 9202
ITGBL1	3. 964771	3. 213377	33. 80236	3. 41E-107	2. 16E-105	233. 1176
TPP2	1. 036367	3. 741167	18. 23913	2. 43E-51	1. 85E-50	104. 329
TEX30	1. 098471	2. 177641	23. 67239	4. 37E-72	5. 75E-71	152. 1338
KDELC1	1. 940104	1. 775342	32. 15325	7. 46E-102	3. 44E-100	220. 7952
ERCC5	1. 246675	4. 760248	19. 60891	1. 21E-56	1. 05E-55	116. 543
LINC00460	1. 740754	0. 840061	18. 60027	9. 66E-53	7. 62E-52	107. 5539
EFNB2	3. 368682	2. 881952	46. 30442	3. 25E-143	2. 77E-140	316. 2494
AL442127. 1	-1. 75306	1. 691046	-9. 09427	1. 07E-17	4. 03E-17	27. 06953
LINC00443	1. 146807	0. 551967	12. 04899	8. 71E-28	4. 11E-27	50. 16563
ABHD13	1. 26522	1. 874392	30. 69645	5. 16E-97	1. 85E-95	209. 6274
TNFSF13B	1. 911233	1. 712076	28. 29724	8. 64E-89	2. 07E-87	190. 6562
RP11-54H7. 4	1. 135761	0. 564601	10. 80351	2. 24E-23	9. 59E-23	40. 05659
IRS2	1. 301828	1. 99265	20. 26155	3. 70E-59	3. 39E-58	122. 3372
COL4A1	3. 475239	5. 072847	31. 59965	4. 99E-100	2. 09E-98	216. 5826
COL4A2	3. 473675	5. 44178	33. 58584	1. 68E-106	1. 02E-104	231. 519

RAB20	1. 993456	4. 211814	30. 78081	2. 69E-97	9. 77E-96	210. 2813
CARS2	1. 035356	4. 690575	16. 31176	7. 22E-44	4. 71E-43	87. 12564
ING1	1. 424617	2. 741867	28. 06555	5. 59E-88	1. 28E-86	188. 7863
ATP11A	1. 11776	3. 313799	14. 58728	3. 06E-37	1. 75E-36	71. 88131
F10	1. 449614	2. 128655	14. 61026	2. 50E-37	1. 43E-36	72. 08266
CUL4A	1. 141629	4. 356448	19. 01747	2. 34E-54	1. 92E-53	111. 276
LAMP1	1. 906418	6. 343824	28. 78341	1. 76E-90	4. 58E-89	194. 5583
GRTP1	1. 559299	3. 040854	21. 8678	2. 68E-65	2. 91E-64	136. 4868
TMCO3	1. 066624	4. 74188	15. 17658	1. 71E-39	1. 02E-38	77. 06225
TFDP1	1. 996344	4. 090928	38. 19546	1. 02E-120	1. 50E-118	264. 3276
GAS6	1. 553609	5. 803836	18. 06467	1. 15E-50	8. 67E-50	102. 7705
RASA3	1. 843635	3. 171279	28. 99146	3. 35E-91	9. 06E-90	196. 2193
LINC01296	1. 048913	1. 895679	11. 76562	9. 12E-27	4. 20E-26	47. 82619
TTC5	1. 136523	2. 164805	22. 64048	3. 20E-68	3. 77E-67	143. 2228
TEP1	1. 77587	3. 398004	26. 50685	1. 88E-82	3. 51E-81	176. 0371
APEX1	1. 333731	5. 991235	18. 16123	4. 87E-51	3. 69E-50	103. 6332
TMEM55B	1. 012868	4. 228575	17. 79884	1. 24E-49	9. 14E-49	100. 3955
PNP	2. 940413	4. 542066	36. 90522	7. 53E-117	8. 71E-115	255. 3997
RNASE4	1. 108067	4. 565325	14. 3233	3. 09E-36	1. 72E-35	69. 57328
ANG	1. 61037	4. 31395	18. 47194	3. 04E-52	2. 37E-51	106. 4082
P11-903H12.	2. 065413	3. 590816	21. 23071	7. 14E-63	7. 25E-62	130. 8963
RNASE6	2. 770522	2. 813226	26. 38435	5. 18E-82	9. 52E-81	175. 0229
RNASE2	1. 238553	1. 233223	15. 12987	2. 58E-39	1. 54E-38	76. 65027
HNRNPC	1. 848026	7. 426022	23. 51638	1. 67E-71	2. 15E-70	150. 7932
SUPT16H	1. 533821	4. 4245	26. 68079	4. 48E-83	8. 55E-82	177. 4743
CHD8	1. 593526	3. 884248	29. 92266	2. 14E-94	6. 74E-93	203. 5873
TOX4	1. 082996	4. 11909	16. 59775	5. 64E-45	3. 77E-44	89. 67286
TRAC	3. 577791	2. 721054	33. 11972	5. 31E-105	2. 96E-103	228. 0578
TRDC	1. 061987	0. 645347	19. 79539	2. 31E-57	2. 03E-56	118. 2007
DAD1	1. 828863	7. 033013	25. 61982	2. 99E-79	5. 01E-78	168. 6531
ABHD4	1. 687012	3. 68064	27. 07478	1. 76E-84	3. 53E-83	180. 7163
SLC7A7	3. 119386	3. 311531	37. 29696	4. 93E-118	6. 12E-116	258. 1309
MRPL52	1. 694277	6. 207132	23. 38166	5. 31E-71	6. 77E-70	149. 6336
MMP14	3. 923074	5. 768831	38. 29328	5. 23E-121	7. 81E-119	264. 9966
LRP10	1. 782358	5. 60954	20. 00475	3. 60E-58	3. 23E-57	120. 0599
PRMT5	1. 335662	4. 667265	21. 21654	8. 08E-63	8. 20E-62	130. 7716
RP11-298I3. 5	1. 200942	2. 56587	14. 67972	1. 36E-37	7. 83E-37	72. 69153
AJUBA	1. 23087	2. 414581	17. 53973	1. 26E-48	9. 04E-48	98. 0805
PSMB5	1. 839748	5. 759421	28. 47994	1. 99E-89	4. 91E-88	192. 126
C14orf119	2. 031615	4. 626476	33. 68889	7. 85E-107	4. 89E-105	232. 2806
HOMEZ	1. 221222	2. 676039	23. 42416	3. 68E-71	4. 72E-70	149. 9996
EFS	1. 451186	1. 572555	22. 20406	1. 42E-66	1. 60E-65	139. 4245
MYH7	-1. 14891	0. 681375	-34. 6343	7. 83E-110	5. 83E-108	239. 2064
NGDN	1. 130436	4. 353461	20. 65149	1. 18E-60	1. 13E-59	125. 7882
FITM1	-1. 68503	1. 663661	-25. 5208	6. 85E-79	1. 13E-77	167. 8236
PSME1	2. 337281	6. 779099	30. 11147	4. 89E-95	1. 59E-93	205. 0681
PSME2	2. 239234	6. 71697	28. 02549	7. 72E-88	1. 76E-86	188. 4623
IRF9	1. 978622	5. 40082	22. 10146	3. 48E-66	3. 86E-65	138. 5291
REC8	1. 149152	2. 980596	12. 03797	9. 55E-28	4. 50E-27	50. 07431
RP11-468E2. 1	2. 909388	2. 062953	27. 31157	2. 54E-85	5. 25E-84	182. 6558
CHMP4A	1. 533941	5. 457178	21. 37889	1. 94E-63	2. 00E-62	132. 1993
MDP1	1. 242231	3. 769987	22. 20551	1. 41E-66	1. 58E-65	139. 4372
NEDD8	2. 126076	6. 517541	31. 21129	9. 75E-99	3. 81E-97	213. 6046
GMPR2	1. 163236	4. 926763	18. 91083	6. 05E-54	4. 91E-53	110. 325

TINF2	1.132374	4.590296	19.02024	2.28E-54	1.87E-53	111.3007
DHRS1	1.544584	4.113851	22.53362	8.10E-68	9.42E-67	142.2943
RIPK3	1.523311	3.30834	20.30508	2.51E-59	2.32E-58	122.7229
NFATC4	1.534881	4.16242	16.40616	3.11E-44	2.05E-43	87.96608
NYNRIN	1.707943	2.129351	23.95603	3.85E-73	5.25E-72	154.565
CBLN3	1.1851	1.33869	19.77803	2.69E-57	2.37E-56	118.0465
GZMH	1.685517	1.050587	22.29967	6.19E-67	7.01E-66	140.258
GZMB	1.770821	1.308674	13.79245	3.14E-34	1.69E-33	64.9605
COCH	-1.98778	2.402036	-15.6726	2.12E-41	1.31E-40	81.44802
STRN3	1.36191	2.932686	20.27651	3.24E-59	2.98E-58	122.4698
AP4S1	1.002458	1.835873	20.99706	5.58E-62	5.52E-61	128.8384
HECTD1	1.016585	4.883849	15.02241	6.66E-39	3.93E-38	75.70336
HEATR5A	1.265688	2.289236	25.7842	7.58E-80	1.30E-78	170.0284
ARHGAP5-AS1	1.328167	1.498666	24.14897	7.43E-74	1.04E-72	156.2138
ARHGAP5	1.748996	3.417733	23.37902	5.43E-71	6.92E-70	149.6109
EGLN3	3.567411	3.185545	28.10453	4.08E-88	9.43E-87	189.1014
SPTSSA	2.012752	3.420191	30.42662	4.19E-96	1.44E-94	207.5297
EAPP	1.555028	4.129581	26.93203	5.68E-84	1.12E-82	179.5438
P11-671J11.	2.42532	3.672688	39.28977	6.20E-124	1.09E-121	271.7493
SNX6	2.189748	4.071699	30.77004	2.92E-97	1.06E-95	210.1979
BAZ1A	1.673402	3.227329	25.54137	5.77E-79	9.56E-78	167.9957
FAM177A1	1.55331	5.024937	21.44987	1.04E-63	1.08E-62	132.8229
PPP2R3C	1.603105	3.44025	26.70762	3.59E-83	6.88E-82	177.6957
KIAA0391	1.672831	3.075362	32.21768	4.58E-102	2.15E-100	221.283
PSMA6	1.883578	6.01806	26.79618	1.73E-83	3.35E-82	178.4257
NFKBIA	1.296059	6.124293	13.91837	1.05E-34	5.71E-34	66.05095
MBIP	1.37604	3.328568	18.96888	3.61E-54	2.94E-53	110.8427
FOXA1	1.933649	1.206492	24.03711	1.93E-73	2.66E-72	155.2583
CLEC14A	1.641816	2.741558	22.84445	5.47E-69	6.59E-68	144.9921
SEC23A	2.256961	3.13159	30.79603	2.39E-97	8.72E-96	210.3992
GEMIN2	1.278037	2.560291	25.9013	2.86E-80	4.92E-79	171.0062
TRAPPC6B	1.089193	2.98522	21.4211	1.34E-63	1.39E-62	132.5702
CTAGE5	1.106738	4.444744	17.93388	3.71E-50	2.76E-49	101.6021
FKBP3	1.669783	4.708495	28.24712	1.29E-88	3.06E-87	190.2523
MIS18BP1	1.087828	2.666989	18.32937	1.09E-51	8.36E-51	105.135
RPS29	1.14343	11.06907	10.67246	6.34E-23	2.69E-22	39.02117
LRR1	1.470346	2.217392	29.96147	1.58E-94	5.02E-93	203.8921
RP11-649E7.5	1.986153	1.348788	15.8764	3.47E-42	2.19E-41	83.25587
POLE2	1.154218	1.344777	24.34844	1.36E-74	1.95E-73	157.9146
Metazoa_SRP	1.185465	8.419045	10.30721	1.12E-21	4.61E-21	36.16753
ARF6	2.737499	4.16206	43.04674	1.55E-134	6.64E-132	296.2208
RP11-58E21.5	1.007416	0.570565	20.85595	1.93E-61	1.89E-60	127.5939
SOS2	1.069499	2.693279	19.57124	1.69E-56	1.46E-55	116.2079
CDKL1	1.218565	1.394328	19.37525	9.67E-56	8.17E-55	114.4637
MAP4K5	1.010066	3.475632	14.51306	5.87E-37	3.33E-36	71.23149
NIN	1.197465	2.158019	19.90652	8.60E-58	7.65E-57	119.1879
PYGL	2.248672	3.02778	24.30634	1.94E-74	2.77E-73	157.556
TMX1	1.33038	3.329301	19.262	2.65E-55	2.22E-54	113.4552
FRMD6	2.594311	2.618195	30.70193	4.95E-97	1.77E-95	209.6699
GNG2	2.012251	2.049141	23.30482	1.03E-70	1.30E-69	148.9714
C14orf166	1.531171	6.644287	22.43039	1.99E-67	2.29E-66	141.3964
NID2	1.549228	2.897163	17.44765	2.86E-48	2.04E-47	97.25793
PTGER2	2.109938	1.392321	30.6991	5.06E-97	1.81E-95	209.648
ERO1L	2.440375	4.221533	26.4961	2.06E-82	3.83E-81	175.9482

P11-841020.	1. 252687	0. 8725	10. 51128	2. 26E-22	9. 48E-22	37. 75595
PSMC6	1. 261037	5. 178662	20. 06413	2. 13E-58	1. 92E-57	120. 5868
FERMT2	1. 376627	3. 495831	16. 11074	4. 32E-43	2. 77E-42	85. 33756
BMP4	3. 592964	2. 924508	35. 00706	5. 29E-111	4. 25E-109	241. 9071
CDKN3	2. 946651	1. 945874	45. 18761	2. 73E-140	1. 79E-137	309. 502
CNIH1	2. 162544	5. 199701	29. 18617	7. 13E-92	1. 99E-90	197. 7689
GMFB	1. 757794	3. 172345	28. 97889	3. 70E-91	9. 98E-90	196. 1191
CGRRF1	1. 06416	3. 082186	18. 43986	4. 05E-52	3. 15E-51	106. 1218
SAMD4A	1. 191375	2. 168725	17. 23253	1. 95E-47	1. 37E-46	95. 33654
GCH1	1. 380894	2. 326564	19. 5141	2. 81E-56	2. 41E-55	115. 6996
WDHD1	1. 260747	1. 17463	11. 08168	2. 41E-24	1. 05E-23	42. 27341
SOCS4	1. 203762	1. 87101	24. 97963	6. 48E-77	1. 00E-75	163. 2681
MAPK1IP1L	1. 733766	4. 094396	26. 76739	2. 20E-83	4. 23E-82	178. 1885
LGALS3	3. 970693	6. 88759	41. 93458	1. 82E-131	5. 85E-129	289. 135
DLGAP5	2. 144733	1. 109492	37. 09753	1. 97E-117	2. 34E-115	256. 7427
AL158801.1	1. 660847	0. 941531	30. 34984	7. 61E-96	2. 56E-94	206. 9311
FBX034	2. 034907	2. 960052	30. 76847	2. 96E-97	1. 07E-95	210. 1858
KTN1	1. 463275	5. 439748	22. 14115	2. 46E-66	2. 75E-65	138. 8756
EXOC5	1. 612336	2. 841787	23. 87298	7. 84E-73	1. 06E-71	153. 8539
AP5M1	1. 458302	2. 695918	25. 84078	4. 73E-80	8. 12E-79	170. 501
NAA30	1. 06513	2. 314414	22. 2613	8. 65E-67	9. 76E-66	139. 9236
C14orf105	-1. 16475	4. 219021	-9. 87805	3. 06E-20	1. 23E-19	32. 87857
P11-999E24.	1. 058578	0. 75314	23. 53768	1. 39E-71	1. 80E-70	150. 9764
C14orf37	1. 19071	0. 901277	22. 00984	7. 74E-66	8. 51E-65	137. 7289
ACTR10	1. 570932	5. 011544	23. 96448	3. 59E-73	4. 90E-72	154. 6372
PSMA3	1. 534726	5. 760385	22. 96791	1. 88E-69	2. 29E-68	146. 0613
KIAA0586	1. 066763	2. 08834	22. 06199	4. 91E-66	5. 43E-65	138. 1845
DACT1	2. 453155	2. 010206	29. 27894	3. 42E-92	9. 66E-91	198. 5055
DAAM1	1. 246098	2. 920578	16. 91429	3. 35E-46	2. 30E-45	92. 49572
JKAMP	1. 457313	4. 092249	23. 13803	4. 33E-70	5. 38E-69	147. 5321
RTN1	1. 30427	2. 020379	12. 85979	9. 47E-31	4. 74E-30	56. 96827
PCNXL4	1. 112671	3. 365344	17. 25038	1. 67E-47	1. 17E-46	95. 49597
DHRS7	1. 930711	5. 360133	27. 32494	2. 28E-85	4. 72E-84	182. 7651
PPM1A	1. 152951	3. 97958	19. 87799	1. 11E-57	9. 83E-57	118. 9345
SIX1	1. 059104	0. 549594	17. 21521	2. 28E-47	1. 60E-46	95. 18193
MNAT1	1. 612717	3. 48384	28. 28453	9. 57E-89	2. 28E-87	190. 5538
SLC38A6	1. 592099	2. 385191	30. 25378	1. 61E-95	5. 34E-94	206. 1812
PRKCH	1. 517525	2. 807014	22. 39635	2. 67E-67	3. 06E-66	141. 1001
TMEM30B	1. 219498	3. 649107	16. 73865	1. 61E-45	1. 09E-44	90. 92903
HIF1A	2. 626444	4. 625511	28. 53245	1. 31E-89	3. 25E-88	192. 5477
SNAPC1	1. 587782	1. 719409	32. 84701	4. 06E-104	2. 14E-102	226. 0203
RHOJ	1. 56153	1. 982637	21. 49043	7. 29E-64	7. 60E-63	133. 1791
PPP2R5E	1. 694843	2. 648018	30. 92301	8. 97E-98	3. 34E-96	211. 3817
WDR89	1. 075655	2. 176821	25. 33332	3. 30E-78	5. 35E-77	166. 2489
MTHFD1	1. 308841	4. 333202	22. 43262	1. 95E-67	2. 24E-66	141. 4158
ZBTB1	1. 018354	3. 403871	15. 37014	3. 09E-40	1. 87E-39	78. 77134
HSPA2	1. 001813	2. 569329	11. 99532	1. 36E-27	6. 40E-27	49. 72096
CHURC1	1. 698251	4. 412824	26. 30628	9. 89E-82	1. 79E-80	174. 3755
GPX2	5. 412858	5. 408567	33. 13424	4. 77E-105	2. 67E-103	228. 166
RAB15	1. 133816	3. 263091	13. 95663	7. 55E-35	4. 10E-34	66. 38275
FNTB	1. 359145	2. 800863	26. 09707	5. 61E-81	9. 91E-80	172. 6373
MAX	1. 816551	4. 490595	30. 88397	1. 21E-97	4. 47E-96	211. 0799
FUT8	1. 748446	3. 527346	23. 58689	9. 10E-72	1. 18E-70	151. 3995
LINC00238	-1. 06262	0. 684028	-18. 8237	1. 32E-53	1. 06E-52	109. 5482

MPP5	1. 218601	2. 423782	24. 11646	9. 80E-74	1. 37E-72	155. 9363
ATP6V1D	2. 370507	4. 947246	37. 10948	1. 81E-117	2. 17E-115	256. 826
EIF2S1	1. 384215	5. 037845	17. 65692	4. 41E-49	3. 21E-48	99. 12746
PLEK2	3. 844639	3. 716272	42. 75793	9. 58E-134	3. 79E-131	294. 3932
PLEKHH1	-1. 41905	3. 57522	-16. 2066	1. 84E-43	1. 19E-42	86. 1897
VTI1B	1. 495979	5. 659427	23. 95784	3. 79E-73	5. 18E-72	154. 5804
RDH11	1. 722023	4. 428721	27. 45814	7. 69E-86	1. 62E-84	183. 853
RAD51B	1. 396299	1. 740551	29. 11662	1. 24E-91	3. 42E-90	197. 2159
ACTN1	2. 755337	5. 81787	30. 10406	5. 18E-95	1. 68E-93	205. 01
ERH	2. 175393	5. 64256	33. 01035	1. 20E-104	6. 57E-103	227. 2417
SLC39A9	1. 417483	3. 969849	28. 08524	4. 77E-88	1. 10E-86	188. 9455
SUSD6	1. 650827	3. 966478	23. 02271	1. 17E-69	1. 44E-68	146. 5353
COX16	1. 431335	4. 904434	25. 25515	6. 37E-78	1. 02E-76	165. 5913
YNJ2BP-COX1	1. 540311	2. 138507	14. 68668	1. 28E-37	7. 37E-37	72. 75257
SYNJ2BP	1. 41204	2. 653818	27. 48848	6. 01E-86	1. 27E-84	184. 1005
MED6	1. 453865	3. 348323	28. 25726	1. 19E-88	2. 82E-87	190. 334
TTC9	2. 294027	1. 72383	31. 12124	1. 95E-98	7. 49E-97	212. 9113
RP6-65G23. 3	1. 404022	1. 120405	21. 01986	4. 56E-62	4. 53E-61	129. 0395
PCNX	1. 07584	2. 629185	20. 40212	1. 07E-59	9. 92E-59	123. 5823
SIPA1L1	1. 568736	4. 133998	23. 95734	3. 81E-73	5. 20E-72	154. 5761
ZFYVE1	1. 29352	2. 626007	23. 71781	2. 96E-72	3. 92E-71	152. 5237
PSEN1	2. 326092	3. 962481	37. 9447	5. 67E-120	7. 88E-118	262. 6076
PAPLN	1. 52757	2. 315833	16. 63508	4. 05E-45	2. 71E-44	90. 00556
NUMB	1. 21633	4. 535152	18. 90116	6. 60E-54	5. 35E-53	110. 2387
C14orf169	1. 043091	2. 202981	24. 16308	6. 58E-74	9. 24E-73	156. 3343
ACOT1	1. 308455	1. 667478	24. 24495	3. 28E-74	4. 64E-73	157. 0328
ACOT2	1. 548283	3. 466369	26. 28352	1. 19E-81	2. 16E-80	174. 1867
ACOT4	1. 045349	1. 127426	23. 10869	5. 58E-70	6. 91E-69	147. 2786
DNAL1	1. 455843	1. 810689	29. 75327	8. 10E-94	2. 47E-92	202. 2552
PNMA1	3. 08071	3. 262868	42. 5851	2. 86E-133	1. 09E-130	293. 2954
ELMSAN1	1. 209682	2. 904908	17. 76455	1. 69E-49	1. 24E-48	100. 0892
ZNF410	1. 467336	4. 009191	24. 18308	5. 55E-74	7. 82E-73	156. 505
FAM161B	1. 256717	1. 201767	25. 39608	1. 95E-78	3. 18E-77	166. 7764
COQ6	1. 078993	3. 389488	20. 55079	2. 86E-60	2. 71E-59	124. 8979
ENTPD5	1. 453777	2. 247567	20. 68127	9. 04E-61	8. 68E-60	126. 0513
LIN52	1. 003287	1. 659804	23. 7223	2. 85E-72	3. 78E-71	152. 5622
NPC2	2. 664908	6. 784344	33. 11275	5. 59E-105	3. 12E-103	228. 0058
ISCA2	1. 419088	3. 701504	26. 09173	5. 86E-81	1. 03E-79	172. 5929
LTBP2	2. 915403	3. 276329	30. 7726	2. 86E-97	1. 04E-95	210. 2178
FCF1	1. 645306	3. 433791	22. 55291	6. 85E-68	7. 98E-67	142. 462
DLST	1. 198064	4. 911165	17. 99028	2. 24E-50	1. 68E-49	102. 106
PGF	2. 240708	2. 580304	28. 03503	7. 15E-88	1. 64E-86	188. 5395
EIF2B2	1. 604762	4. 400773	25. 56049	4. 92E-79	8. 18E-78	168. 156
MLH3	1. 277587	3. 148467	21. 83883	3. 45E-65	3. 73E-64	136. 2333
ACYP1	1. 559979	3. 178762	22. 92446	2. 74E-69	3. 32E-68	145. 6852
TMED10	1. 087967	6. 929663	13. 70096	6. 94E-34	3. 70E-33	64. 16972
FOS	1. 881654	6. 831601	10. 5927	1. 19E-22	5. 02E-22	38. 39397
JDP2	1. 853685	3. 681095	25. 32914	3. 42E-78	5. 54E-77	166. 2138
BATF	3. 900833	2. 389809	49. 88378	3. 07E-152	4. 88E-149	337. 0835
FLVCR2	1. 636217	1. 189723	28. 08796	4. 66E-88	1. 07E-86	188. 9675
TTLL5	1. 593536	2. 801859	31. 9577	3. 28E-101	1. 45E-99	219. 3116
C14orf1	1. 834056	3. 583994	31. 75211	1. 56E-100	6. 72E-99	217. 7466
IFT43	1. 376002	4. 232905	24. 16121	6. 69E-74	9. 39E-73	156. 3184
VASH1	1. 703831	2. 317631	22. 80964	7. 39E-69	8. 86E-68	144. 6905

ANGEL1	-1.03031	3.647424	-17.0844	7.34E-47	5.10E-46	94.01416
CIPC	1.051097	2.457119	20.34118	1.83E-59	1.69E-58	123.0427
GSTZ1	1.024483	3.661935	16.29126	8.66E-44	5.65E-43	86.94322
TMED8	1.046612	1.842284	21.5438	4.57E-64	4.79E-63	133.6476
VIPAS39	1.117074	3.079282	20.83004	2.43E-61	2.37E-60	127.3652
AHSA1	1.915963	5.650669	27.81873	4.11E-87	9.10E-86	186.7871
SPTLC2	2.378246	2.790474	42.54054	3.80E-133	1.40E-130	293.0119
ALKBH1	1.187379	2.293925	26.96896	4.19E-84	8.30E-83	179.8474
SLIRP	1.732712	6.138753	25.22866	7.96E-78	1.27E-76	165.3683
SNW1	1.340166	4.61137	22.61257	4.08E-68	4.79E-67	142.9803
DIO2	2.220767	1.417901	27.38479	1.40E-85	2.92E-84	183.2542
GTF2A1	1.354462	2.336747	24.46677	4.97E-75	7.24E-74	158.9214
STON2	1.599719	1.073929	29.74009	8.98E-94	2.74E-92	202.1513
SEL1L	-1.78287	5.36074	-18.8227	1.33E-53	1.07E-52	109.5388
FLRT2	-1.55642	3.888291	-14.3644	2.16E-36	1.21E-35	69.93177
GALC	1.469646	3.230766	20.96804	7.20E-62	7.11E-61	128.5827
TTC8	1.172978	3.044567	18.96684	3.67E-54	2.99E-53	110.8245
FOXN3	1.02747	2.928713	14.87417	2.46E-38	1.44E-37	74.399
P11-681H18.	1.044854	3.070131	15.68782	1.85E-41	1.15E-40	81.58318
EFCAB11	1.936645	1.967026	37.38595	2.66E-118	3.35E-116	258.7488
TDP1	1.205035	2.175962	25.49127	8.78E-79	1.45E-77	167.5755
PSMC1	1.701044	5.651953	25.35747	2.70E-78	4.38E-77	166.4519
NRDE2	1.021753	2.253974	24.26141	2.85E-74	4.04E-73	157.1731
CALM1	1.646254	6.833444	21.45287	1.01E-63	1.05E-62	132.8493
C14orf159	1.018568	4.05215	15.40984	2.17E-40	1.32E-39	79.12231
GPR68	2.336647	1.48557	34.31052	8.24E-109	5.81E-107	236.8468
CATSPERB	-1.03572	2.093815	-9.38797	1.23E-18	4.74E-18	29.21474
RP11-747H7.5	-1.41715	1.775727	-21.3093	3.58E-63	3.66E-62	131.588
ATXN3	1.270143	2.964049	20.89735	1.34E-61	1.32E-60	127.9592
NDUFB1	1.616054	6.965939	22.17563	1.82E-66	2.04E-65	139.1765
CPSF2	1.580744	3.032832	23.86074	8.70E-73	1.17E-71	153.7491
RIN3	2.446958	2.362698	38.85299	1.17E-122	1.97E-120	268.8033
LGMN	2.938366	5.314028	39.65514	5.39E-125	1.03E-122	274.197
GOLGA5	1.608085	4.231891	29.87612	3.09E-94	9.66E-93	203.2217
ITPK1	1.970727	4.519378	30.7767	2.78E-97	1.01E-95	210.2495
MOAP1	1.06486	3.503969	18.9239	5.39E-54	4.38E-53	110.4416
TMEM251	1.048431	3.7723	13.39305	9.89E-33	5.16E-32	61.51864
C14orf142	1.211908	2.847299	24.59304	1.70E-75	2.52E-74	159.9943
ASB2	1.045433	0.782485	14.70872	1.05E-37	6.08E-37	72.94592
DDX24	1.733682	5.641734	25.97315	1.57E-80	2.73E-79	171.6054
IFI27L1	1.648962	3.234474	16.06615	6.42E-43	4.11E-42	84.94118
IFI27	6.142648	6.740608	48.20821	4.45E-148	5.28E-145	327.477
IFI27L2	3.434236	4.934533	40.4923	2.12E-127	4.80E-125	279.7493
SERPINA1	3.958549	7.467855	23.79277	1.56E-72	2.09E-71	153.1666
SERPINA3	-1.46318	7.571205	-6.75872	6.68E-11	2.10E-10	11.61133
GLRX5	1.513591	4.380744	27.29879	2.82E-85	5.81E-84	182.5513
TCL1A	1.234644	0.635022	9.015971	1.89E-17	7.09E-17	26.50436
C14orf132	1.058473	1.376843	16.25443	1.20E-43	7.81E-43	86.61546
BDKRB2	1.567135	2.31827	23.52326	1.57E-71	2.03E-70	150.8524
GSKIP	2.249971	3.218245	35.05106	3.85E-111	3.12E-109	242.2248
AK7	1.06676	1.172445	20.20143	6.30E-59	5.75E-58	121.8044
VRK1	1.709374	2.364876	15.12045	2.81E-39	1.67E-38	76.56728
BCL11B	1.148788	0.624713	26.69052	4.14E-83	7.90E-82	177.5546
SETD3	1.452773	4.17076	26.68758	4.24E-83	8.09E-82	177.5304

CCNK	1.432814	3.64743	25.01669	4.74E-77	7.35E-76	163.5811
HHIPL1	1.040221	0.626775	25.55895	4.98E-79	8.28E-78	168.1431
DEGS2	1.988884	2.679374	18.26463	1.93E-51	1.48E-50	104.5569
YY1	1.597645	4.243762	24.21986	4.06E-74	5.74E-73	156.8187
RP11-638I2.6	2.718393	2.413352	25.17564	1.24E-77	1.97E-76	164.9217
WARS	1.828545	5.339353	21.87961	2.42E-65	2.62E-64	136.5902
BEGAIN	-2.34612	2.46987	-33.6361	1.16E-106	7.09E-105	231.8909
MEG3	-2.55876	6.185008	-17.7394	2.11E-49	1.55E-48	99.86449
MEG9	-1.57205	1.429017	-14.2164	7.86E-36	4.35E-35	68.64126
DIO3	1.339093	1.305925	17.40645	4.13E-48	2.94E-47	96.88993
PPP2R5C	1.745483	5.152833	29.40902	1.22E-92	3.52E-91	199.5366
DYNC1H1	2.098066	6.152078	30.51956	2.04E-96	7.05E-95	208.2532
HSP90AA1	1.814542	7.429672	18.20784	3.21E-51	2.44E-50	104.0496
WDR20	1.02367	2.942556	20.97031	7.06E-62	6.97E-61	128.6027
MOK	1.270171	3.580272	12.87326	8.45E-31	4.23E-30	57.08249
RCOR1	1.687286	2.650158	27.01999	2.76E-84	5.50E-83	180.2666
TRAF3	1.753833	2.085525	34.20652	1.76E-108	1.21E-106	236.0862
AMN	3.243518	2.201984	24.5075	3.52E-75	5.15E-74	159.2677
CDC42BPB	1.411001	4.616095	18.87053	8.67E-54	7.01E-53	109.9656
EXOC3L4	2.432641	2.057462	23.68998	3.76E-72	4.95E-71	152.2848
TNFAIP2	3.030099	5.532047	25.06632	3.12E-77	4.88E-76	164
CKB	1.488862	5.898609	15.10004	3.36E-39	1.99E-38	76.38735
TRMT61A	1.050864	2.817933	17.73664	2.16E-49	1.59E-48	99.83976
BAG5	1.818163	2.828424	36.81096	1.45E-116	1.66E-114	254.7398
KLC1	1.104348	5.341106	15.2811	6.79E-40	4.09E-39	77.9847
RP11-73M18.2	1.312297	0.972045	15.31593	4.99E-40	3.01E-39	78.2924
ZFYVE21	1.716061	4.567981	26.84643	1.15E-83	2.23E-82	178.8396
C14orf2	1.414442	6.298377	21.40238	1.58E-63	1.63E-62	132.4058
INF2	2.701566	5.05432	29.55014	4.01E-93	1.18E-91	200.6528
P11-982M15.	1.541401	4.266964	20.45711	6.55E-60	6.13E-59	124.0691
AKT1	1.220034	5.660576	17.92794	3.91E-50	2.91E-49	101.549
PLD4	1.898466	1.287385	24.65102	1.04E-75	1.55E-74	160.4864
AHNAK2	4.746462	2.949588	43.99663	4.09E-137	2.01E-134	302.1709
CDCA4	1.999345	2.077808	38.46679	1.60E-121	2.50E-119	266.1805
GPR132	2.180892	1.307971	37.1318	1.55E-117	1.87E-115	256.9816
BTBD6	1.766233	3.388967	20.5956	1.93E-60	1.83E-59	125.2941
P11-521B24.	1.244743	2.354057	11.24227	6.59E-25	2.91E-24	43.56462
CRIP2	2.887351	5.979496	28.01041	8.72E-88	1.99E-86	188.3403
CRIP1	6.297552	5.760414	56.91348	1.38E-168	8.37E-165	374.8147
C14orf80	2.019899	2.476984	28.36582	4.98E-89	1.20E-87	191.2084
IGHA2	4.61892	4.7533	21.64919	1.81E-64	1.92E-63	134.572
IGHG4	6.265085	3.548878	27.18212	7.32E-85	1.48E-83	181.5963
IGHG2	5.958866	4.32478	29.06064	1.93E-91	5.28E-90	196.7704
IGHGP	4.126647	2.029032	27.10261	1.40E-84	2.82E-83	180.9446
IGHG1	7.043032	5.977917	32.13646	8.47E-102	3.90E-100	220.668
AL928768.3	2.102393	1.225815	16.15922	2.81E-43	1.81E-42	85.76857
IGHA1	5.383529	6.689539	24.91568	1.11E-76	1.71E-75	162.7276
IGHG3	5.714625	3.523279	29.78914	6.11E-94	1.88E-92	202.5376
IGHD	1.915016	1.196446	12.54901	1.32E-29	6.43E-29	54.34296
IGHM	5.136459	4.363299	26.10481	5.26E-81	9.31E-80	172.7017
KIAA0125	1.160781	0.630332	12.91802	5.77E-31	2.90E-30	57.4624
IGHV6-1	2.367238	1.293758	17.8786	6.08E-50	4.51E-49	101.1081
IGHV1-2	3.269516	1.991702	18.38363	6.68E-52	5.17E-51	105.6197
IGHV1-3	2.280412	1.289082	12.48073	2.34E-29	1.14E-28	53.769

IGHV4-4	2. 427406	1. 33219	14. 37108	2. 03E-36	1. 14E-35	69. 9904
H17-262H11.	1. 037748	0. 640564	6. 606643	1. 66E-10	5. 16E-10	10. 71765
IGHV2-5	3. 40066	2. 041249	20. 63614	1. 35E-60	1. 29E-59	125. 6525
IGHV3-7	3. 65701	2. 403003	21. 29122	4. 19E-63	4. 28E-62	131. 4286
CH17-224D4. 1	1. 317016	0. 679656	10. 80212	2. 26E-23	9. 69E-23	40. 04553
CH17-224D4. 2	1. 637987	0. 85536	11. 1596	1. 29E-24	5. 65E-24	42. 89894
IGHV3-11	3. 376103	1. 974221	20. 99284	5. 79E-62	5. 72E-61	128. 8013
IGHV3-13	2. 017372	1. 070578	14. 93769	1. 41E-38	8. 25E-38	74. 95767
IGHV3-15	3. 721618	2. 346154	22. 17475	1. 84E-66	2. 06E-65	139. 1688
IGHV1-18	3. 92584	2. 245903	22. 67019	2. 48E-68	2. 92E-67	143. 4807
IGHV3-20	1. 046567	0. 538198	10. 0266	9. 81E-21	3. 98E-20	34. 00885
IGHV3-21	4. 174164	2. 421355	25. 18813	1. 12E-77	1. 78E-76	165. 027
IGHV3-23	4. 676599	3. 22544	22. 37521	3. 21E-67	3. 67E-66	140. 916
IGHV1-24	2. 95715	1. 570479	19. 41758	6. 63E-56	5. 64E-55	114. 8406
IGHV2-26	2. 235566	1. 194646	14. 78717	5. 29E-38	3. 07E-37	73. 63457
IGHV4-28	1. 026577	0. 595905	11. 85772	4. 26E-27	1. 98E-26	48. 58426
IGHV3-30	4. 620093	3. 05913	24. 52598	3. 01E-75	4. 42E-74	159. 4247
IGHV4-31	2. 602747	1. 342368	17. 84369	8. 31E-50	6. 14E-49	100. 7963
IGHV3-33	4. 00046	2. 565443	22. 8808	3. 99E-69	4. 83E-68	145. 307
IGHV4-34	3. 190256	1. 800726	20. 91724	1. 13E-61	1. 11E-60	128. 1346
IGHV4-39	4. 034387	2. 465573	22. 83049	6. 17E-69	7. 42E-68	144. 8712
IGHV3-43	2. 270013	1. 19861	16. 7309	1. 72E-45	1. 16E-44	90. 85984
IGHV1-46	2. 46166	1. 356374	18. 31853	1. 20E-51	9. 20E-51	105. 0382
IGHV3-48	1. 605171	0. 959602	12. 19236	2. 64E-28	1. 26E-27	51. 35722
IGHV3-49	2. 739424	1. 587714	19. 02447	2. 20E-54	1. 80E-53	111. 3384
IGHV5-51	4. 283282	2. 549135	25. 17334	1. 27E-77	2. 01E-76	164. 9023
IGHV3-53	1. 944607	1. 03215	17. 38344	5. 08E-48	3. 61E-47	96. 68439
IGHV1-58	1. 289566	0. 631876	12. 26314	1. 46E-28	6. 99E-28	51. 94731
IGHV4-59	3. 927484	2. 381214	22. 85093	5. 17E-69	6. 23E-68	145. 0483
IGHV4-61	3. 202121	1. 774091	20. 98079	6. 44E-62	6. 36E-61	128. 695
IGHV3-64	1. 023333	0. 55574	8. 442288	1. 13E-15	4. 05E-15	22. 45423
IGHV3-66	1. 708429	0. 931337	14. 45434	9. 82E-37	5. 54E-36	70. 7179
IGHV1-69	2. 520663	1. 322906	14. 90064	1. 95E-38	1. 14E-37	74. 63169
IGHV1-69-2	4. 164474	2. 338499	24. 12063	9. 46E-74	1. 32E-72	155. 9719
IGHV2-70	2. 17896	1. 22411	15. 24234	9. 56E-40	5. 73E-39	77. 64254
IGHV3-72	2. 277193	1. 351227	16. 20453	1. 88E-43	1. 21E-42	86. 17151
IGHV3-73	2. 208826	1. 258963	16. 60932	5. 09E-45	3. 41E-44	89. 77598
IGHV3-74	2. 929629	1. 84094	20. 59546	1. 93E-60	1. 84E-59	125. 2929
HERC2P2	-1. 03161	3. 956073	-9. 98487	1. 35E-20	5. 46E-20	33. 69045
NIPA1	1. 123323	2. 232587	20. 36314	1. 50E-59	1. 40E-58	123. 2372
NIPA2	1. 7276	3. 901983	29. 32026	2. 46E-92	7. 00E-91	198. 8333
CYFIP1	1. 463276	4. 863666	24. 18646	5. 39E-74	7. 60E-73	156. 5338
NDN	1. 587826	3. 182655	20. 68373	8. 84E-61	8. 49E-60	126. 0731
PWRN1	-1. 15036	0. 784551	-20. 148	1. 01E-58	9. 18E-58	121. 3311
UBE3A	1. 13915	3. 589355	14. 03681	3. 76E-35	2. 05E-34	67. 07876
ATP10A	1. 770763	1. 268008	13. 65451	1. 04E-33	5. 51E-33	63. 76876
NDNL2	1. 611117	2. 868256	30. 69916	5. 06E-97	1. 81E-95	209. 6484
TJP1	1. 06313	4. 197495	15. 01825	6. 91E-39	4. 08E-38	75. 66676
HMGN2P5	1. 873338	5. 029468	23. 98789	2. 94E-73	4. 03E-72	154. 8375
RP11-16E12. 2	1. 117987	0. 846873	18. 21878	2. 91E-51	2. 22E-50	104. 1473
GOLGA8N	-1. 58872	2. 878949	-24. 4918	4. 02E-75	5. 88E-74	159. 1339
ARHGAP11A	1. 139272	1. 468781	19. 20011	4. 60E-55	3. 83E-54	112. 9038
GREM1	4. 022243	2. 764527	27. 24805	4. 27E-85	8. 74E-84	182. 1362
FMN1	1. 84813	1. 443495	29. 50864	5. 56E-93	1. 63E-91	200. 3248

EMC7	1. 546502	5. 24732	26. 00376	1. 22E-80	2. 13E-79	171. 8604
KATNBL1	1. 092673	3. 418787	18. 15191	5. 29E-51	4. 01E-50	103. 5499
EMC4	1. 626028	5. 624455	27. 26086	3. 84E-85	7. 87E-84	182. 241
SLC12A6	1. 273103	2. 268748	21. 20379	9. 04E-63	9. 16E-62	130. 6594
NOP10	2. 430929	6. 223419	34. 25226	1. 26E-108	8. 77E-107	236. 4209
LPCAT4	2. 975758	5. 059275	28. 96568	4. 11E-91	1. 11E-89	196. 0138
GOLGA8A	-1. 60683	4. 437841	-14. 3159	3. 30E-36	1. 84E-35	69. 50892
GOLGA8B	-3. 59515	5. 448544	-32. 4402	8. 57E-103	4. 18E-101	222. 9638
AQR	1. 195566	3. 230399	23. 00835	1. 33E-69	1. 62E-68	146. 4111
P11-463I20.	1. 373157	2. 871183	22. 01694	7. 28E-66	8. 01E-65	137. 7909
C15orf41	1. 231868	1. 64099	25. 87272	3. 63E-80	6. 24E-79	170. 7676
MEIS2	1. 255072	3. 203697	15. 45386	1. 47E-40	8. 97E-40	79. 51167
SPRED1	2. 123131	2. 229798	34. 76035	3. 14E-110	2. 38E-108	240. 1216
FAM98B	1. 473357	2. 365815	29. 79803	5. 70E-94	1. 76E-92	202. 6075
RASGRP1	1. 183454	1. 135155	18. 06846	1. 12E-50	8. 38E-50	102. 8045
THBS1	2. 50153	5. 054336	16. 74934	1. 46E-45	9. 89E-45	91. 02435
GPR176	1. 950488	1. 511005	28. 79443	1. 61E-90	4. 20E-89	194. 6464
EIF2AK4	1. 53996	3. 389246	28. 38518	4. 26E-89	1. 03E-87	191. 3642
SRP14	2. 07824	7. 25184	27. 91784	1. 84E-87	4. 13E-86	187. 5908
BMF	1. 247813	2. 479269	16. 84556	6. 19E-46	4. 22E-45	91. 88259
BUB1B	1. 81438	1. 171153	34. 30692	8. 46E-109	5. 95E-107	236. 8205
PLCB2	1. 948626	2. 71791	18. 89645	6. 88E-54	5. 57E-53	110. 1968
INAFM2	1. 447968	2. 760314	25. 67102	1. 95E-79	3. 28E-78	169. 0818
PHGR1	2. 882811	2. 150656	15. 04685	5. 37E-39	3. 18E-38	75. 9186
DISP2	1. 044072	1. 011734	16. 42768	2. 57E-44	1. 69E-43	88. 15771
KNSTRN	1. 51583	2. 386438	25. 7037	1. 49E-79	2. 51E-78	169. 3553
IVD	1. 060798	4. 351971	17. 24771	1. 71E-47	1. 20E-46	95. 47216
CHST14	2. 112975	3. 028451	34. 97944	6. 45E-111	5. 17E-109	241. 7076
C15orf57	1. 364361	3. 68407	22. 58997	4. 97E-68	5. 80E-67	142. 784
RPUSD2	1. 414624	2. 243758	32. 12024	9. 57E-102	4. 39E-100	220. 5451
CASC5	1. 265718	0. 740661	29. 84682	3. 88E-94	1. 21E-92	202. 9913
RAD51	2. 063858	1. 297054	38. 11561	1. 76E-120	2. 56E-118	263. 7807
RMDN3	1. 369518	4. 074127	23. 97703	3. 22E-73	4. 41E-72	154. 7446
GCHFR	2. 368868	3. 783864	29. 85998	3. 50E-94	1. 09E-92	203. 0948
DNAJC17	1. 835068	4. 212707	29. 95977	1. 60E-94	5. 08E-93	203. 8788
ZFYVE19	1. 493198	3. 902499	20. 68751	8. 55E-61	8. 22E-60	126. 1065
PPP1R14D	3. 091767	1. 642961	26. 72862	3. 02E-83	5. 80E-82	177. 8689
P11-532F12.	1. 273003	3. 908933	16. 96339	2. 16E-46	1. 49E-45	92. 93393
SPINT1	2. 179977	6. 005619	24. 09636	1. 16E-73	1. 62E-72	155. 7647
VPS18	2. 086472	2. 660754	40. 98593	8. 38E-129	2. 16E-126	282. 987
DLL4	1. 962511	2. 024033	27. 37208	1. 55E-85	3. 23E-84	183. 1504
INO80	1. 166098	2. 79829	20. 64412	1. 25E-60	1. 20E-59	125. 723
CHP1	1. 884781	4. 88839	26. 17546	2. 92E-81	5. 22E-80	173. 2892
OIP5	1. 40713	0. 858834	28. 28433	9. 59E-89	2. 28E-87	190. 5521
NUSAP1	2. 806774	2. 116485	40. 01213	5. 03E-126	1. 03E-123	276. 5742
NDUFAF1	1. 23496	3. 122881	23. 0759	7. 40E-70	9. 14E-69	146. 9952
RTF1	1. 217692	3. 197264	22. 19319	1. 56E-66	1. 76E-65	139. 3297
ITPKA	1. 849793	1. 658494	18. 71575	3. 45E-53	2. 74E-52	108. 5846
RP11-23P13. (-1. 30021	2. 07264	-13. 2942	2. 31E-32	1. 20E-31	60. 67105
EHD4	1. 895448	3. 633158	29. 64407	1. 91E-93	5. 74E-92	201. 3944
TMEM87A	1. 603018	4. 618519	23. 04618	9. 56E-70	1. 18E-68	146. 7383
SNAP23	1. 402912	4. 382391	21. 26286	5. 38E-63	5. 48E-62	131. 1791
RP11-265N6. 1	1. 660627	1. 163409	17. 96687	2. 76E-50	2. 06E-49	101. 8968
LRRC57	1. 210272	2. 63057	21. 76173	6. 77E-65	7. 26E-64	135. 5582

HAUS2	1. 179723	2. 546776	21. 74224	8. 03E-65	8. 59E-64	135. 3875
TMEM62	1. 749981	3. 616931	28. 57836	9. 05E-90	2. 27E-88	192. 9161
CCNDBP1	1. 29749	4. 781074	20. 13466	1. 14E-58	1. 03E-57	121. 2124
MAP1A	1. 84821	1. 324261	28. 2849	9. 54E-89	2. 28E-87	190. 5568
CKMT1B	2. 867483	2. 766225	30. 13718	4. 00E-95	1. 30E-93	205. 2694
CKMT1A	2. 856328	2. 779414	29. 14238	1. 01E-91	2. 80E-90	197. 4208
PDIA3	2. 093255	7. 561957	25. 81723	5. 76E-80	9. 86E-79	170. 3043
ELL3	1. 45821	2. 170111	17. 89537	5. 24E-50	3. 88E-49	101. 258
SERF2	1. 820424	9. 276718	19. 99167	4. 04E-58	3. 62E-57	119. 9438
MFAP1	1. 500544	3. 491748	25. 18105	1. 19E-77	1. 89E-76	164. 9673
WDR76	1. 118327	1. 493413	26. 59807	8. 86E-83	1. 67E-81	176. 7913
FRMD5	1. 53698	0. 858077	28. 39856	3. 83E-89	9. 31E-88	191. 4719
CASC4	2. 191349	4. 346785	29. 92237	2. 15E-94	6. 75E-93	203. 585
CTDSPL2	1. 233553	2. 403708	20. 73492	5. 63E-61	5. 44E-60	126. 5253
EIF3J-AS1	1. 009269	2. 292296	17. 69657	3. 09E-49	2. 26E-48	99. 48175
SPG11	1. 065353	4. 486111	17. 12744	5. 00E-47	3. 48E-46	94. 39821
B2M	3. 810838	10. 95978	32. 6745	1. 47E-103	7. 62E-102	224. 7267
TRIM69	2. 42453	2. 657251	33. 85964	2. 24E-107	1. 43E-105	233. 5395
SORD2P	1. 982679	2. 219661	24. 34279	1. 43E-74	2. 04E-73	157. 8665
SORD	1. 853115	3. 193104	26. 10096	5. 43E-81	9. 60E-80	172. 6697
DUOX2	4. 485908	2. 593857	27. 63146	1. 88E-86	4. 06E-85	185. 2653
DUOX2	4. 45865	2. 401419	26. 38179	5. 29E-82	9. 72E-81	175. 0017
DUOX1	1. 897709	1. 14434	21. 24019	6. 57E-63	6. 67E-62	130. 9797
DUOX1	1. 57053	1. 593491	20. 59899	1. 87E-60	1. 78E-59	125. 3241
SHF	2. 38413	2. 094594	33. 7524	4. 92E-107	3. 09E-105	232. 7492
GATM	-3. 13204	7. 352585	-20. 7976	3. 24E-61	3. 14E-60	127. 0785
C15orf48	4. 72348	4. 251824	35. 88016	1. 02E-113	9. 70E-112	248. 1669
BLOC1S6	1. 000059	3. 481408	16. 16899	2. 57E-43	1. 66E-42	85. 85547
SQRDL	1. 946675	4. 852819	26. 99273	3. 45E-84	6. 85E-83	180. 0427
SEMA6D	-1. 35105	1. 872239	-18. 9201	5. 57E-54	4. 53E-53	110. 4074
MYEF2	-1. 17679	3. 162093	-14. 0558	3. 19E-35	1. 74E-34	67. 24377
DUT	1. 245449	5. 297805	18. 19403	3. 63E-51	2. 76E-50	103. 9262
FBN1	3. 811777	3. 738889	32. 90852	2. 56E-104	1. 37E-102	226. 4807
EID1	2. 026064	5. 453589	27. 50131	5. 41E-86	1. 15E-84	184. 2051
COPS2	1. 163849	4. 372985	16. 28769	8. 94E-44	5. 82E-43	86. 91142
GALK2	1. 360001	3. 445377	22. 88878	3. 73E-69	4. 51E-68	145. 3761
FGF7	1. 438958	2. 171957	10. 979	5. 50E-24	2. 39E-23	41. 45215
GABPB1	1. 382719	2. 843016	26. 33317	7. 91E-82	1. 44E-80	174. 5986
USP8	1. 112485	3. 548928	19. 26415	2. 60E-55	2. 18E-54	113. 4743
TNFAIP8L3	1. 199968	1. 063241	19. 06667	1. 51E-54	1. 24E-53	111. 7146
LYSMD2	1. 514571	3. 206466	25. 09297	2. 49E-77	3. 91E-76	164. 2248
TMOD3	2. 211804	3. 085688	30. 68537	5. 63E-97	2. 01E-95	209. 5415
LEO1	1. 739002	2. 881427	32. 28011	2. 86E-102	1. 36E-100	221. 7552
MAPK6	1. 75553	2. 652605	28. 96979	3. 98E-91	1. 07E-89	196. 0466
GNB5	1. 34132	3. 540055	19. 55269	1. 99E-56	1. 72E-55	116. 0429
MYO5A	1. 101809	1. 852169	17. 43574	3. 18E-48	2. 27E-47	97. 15152
ARPP19	1. 707442	4. 091024	26. 35268	6. 73E-82	1. 23E-80	174. 7603
ONECUT1	-1. 67277	2. 015461	-17. 9723	2. 63E-50	1. 96E-49	101. 9455
WDR72	1. 603017	1. 726116	14. 05621	3. 18E-35	1. 74E-34	67. 24733
RAB27A	1. 218309	3. 574356	16. 47345	1. 71E-44	1. 13E-43	88. 56535
PIGBOS1	1. 291801	3. 070455	26. 61543	7. 68E-83	1. 45E-81	176. 9347
PIGB	1. 380767	2. 976335	26. 29736	1. 06E-81	1. 93E-80	174. 3015
NEDD4	1. 103714	1. 343498	22. 75651	1. 17E-68	1. 40E-67	144. 2297
TEX9	1. 235905	1. 793215	20. 99886	5. 49E-62	5. 43E-61	128. 8543

MNS1	1. 48186	1. 420784	24. 55531	2. 34E-75	3. 46E-74	159. 6739
TCF12	1. 81607	3. 414132	27. 28018	3. 28E-85	6. 75E-84	182. 3991
AQP9	1. 498406	1. 013821	18. 51435	2. 08E-52	1. 63E-51	106. 7869
RP11-50C13. 1	1. 034058	1. 114852	21. 51696	5. 78E-64	6. 04E-63	133. 412
ADAM10	2. 44267	4. 041114	27. 48606	6. 13E-86	1. 30E-84	184. 0808
FAM63B	1. 346425	1. 825814	23. 75698	2. 12E-72	2. 82E-71	152. 8597
RP11-30K9. 5	1. 062541	1. 32868	15. 06696	4. 50E-39	2. 67E-38	76. 09582
RNF111	1. 181011	2. 941764	21. 5792	3. 35E-64	3. 52E-63	133. 9581
CCNB2	2. 956201	1. 768964	43. 61174	4. 48E-136	2. 10E-133	299. 7711
MYO1E	3. 397724	4. 388014	44. 06132	2. 74E-137	1. 37E-134	302. 5728
FAM81A	1. 515073	1. 148624	28. 64857	5. 16E-90	1. 32E-88	193. 479
P11-356M20.	1. 826264	1. 135796	20. 55177	2. 84E-60	2. 68E-59	124. 9066
GCNT3	5. 351854	3. 217052	41. 47866	3. 42E-130	9. 72E-128	286. 1924
GTF2A2	2. 253932	5. 269273	35. 88316	1. 00E-113	9. 53E-112	248. 1883
ANXA2	4. 001636	8. 706859	38. 25258	6. 90E-121	1. 02E-118	264. 7184
ICE2	1. 028857	3. 260268	19. 00178	2. 69E-54	2. 20E-53	111. 1361
C2CD4B	-2. 14153	3. 476218	-17. 1437	4. 32E-47	3. 01E-46	94. 5437
TLN2	1. 093459	1. 934446	19. 08104	1. 33E-54	1. 09E-53	111. 8427
TPM1	1. 20764	7. 816598	9. 223917	4. 13E-18	1. 57E-17	28. 01165
LACTB	1. 774048	3. 13578	30. 37732	6. 15E-96	2. 08E-94	207. 1454
RAB8B	2. 136914	2. 28443	32. 64999	1. 77E-103	9. 05E-102	224. 5425
APH1B	1. 836158	2. 340187	30. 98369	5. 62E-98	2. 11E-96	211. 8505
P11-321G12.	-1. 3055	1. 106976	-21. 1197	1. 89E-62	1. 90E-61	129. 9195
FAM96A	1. 103239	4. 924031	17. 71357	2. 66E-49	1. 94E-48	99. 6336
SNX1	1. 163507	5. 030239	17. 89896	5. 07E-50	3. 76E-49	101. 2901
PPIB	1. 489294	8. 475362	17. 64625	4. 85E-49	3. 53E-48	99. 03216
KIAA0101	3. 266171	2. 542379	42. 82695	6. 19E-134	2. 53E-131	294. 8308
TRIP4	1. 520663	3. 517466	27. 89598	2. 20E-87	4. 92E-86	187. 4137
ZNF609	1. 271382	2. 314192	23. 25486	1. 58E-70	1. 99E-69	148. 5405
OAZ2	1. 388678	4. 901884	21. 34116	2. 70E-63	2. 78E-62	131. 8677
PIF1	1. 278301	0. 913692	26. 57696	1. 05E-82	1. 98E-81	176. 6169
PLEKH02	2. 420301	2. 873083	33. 94881	1. 16E-107	7. 56E-106	234. 1956
SPG21	1. 885165	5. 119781	30. 9199	9. 18E-98	3. 41E-96	211. 3577
MTFMT	1. 337737	2. 194268	29. 03625	2. 35E-91	6. 38E-90	196. 5762
RASL12	1. 758892	1. 746862	25. 23806	7. 35E-78	1. 18E-76	165. 4474
CILP	1. 541874	1. 788115	12. 46416	2. 69E-29	1. 31E-28	53. 62993
HACD3	2. 121389	4. 065224	34. 56292	1. 31E-109	9. 68E-108	238. 6873
VWA9	1. 175524	3. 853918	21. 26717	5. 18E-63	5. 28E-62	131. 2171
SLC24A1	1. 17902	1. 90393	24. 53114	2. 88E-75	4. 23E-74	159. 4686
RAB11A	2. 696594	6. 191903	35. 70907	3. 46E-113	3. 18E-111	246. 9475
MAP2K1	1. 831223	4. 140986	28. 98616	3. 49E-91	9. 44E-90	196. 1771
SNAPC5	1. 231674	3. 885656	21. 84607	3. 24E-65	3. 51E-64	136. 2967
ZWILCH	1. 409909	1. 899447	27. 69371	1. 13E-86	2. 47E-85	185. 7716
SMAD6	1. 532968	2. 056623	21. 03547	3. 98E-62	3. 95E-61	129. 1771
RP11-798K3. 2	-1. 68073	1. 202506	-27. 2941	2. 93E-85	6. 03E-84	182. 5131
SMAD3	1. 771035	3. 853368	22. 30887	5. 71E-67	6. 48E-66	140. 3382
AAGAB	1. 61079	3. 811351	29. 53311	4. 59E-93	1. 35E-91	200. 5182
PIAS1	1. 164636	3. 231472	20. 50702	4. 21E-60	3. 97E-59	124. 5107
CALML4	2. 518887	3. 815332	28. 12747	3. 39E-88	7. 87E-87	189. 2867
CLN6	1. 525632	3. 965459	26. 22536	1. 93E-81	3. 47E-80	173. 7038
FEM1B	1. 586503	2. 669141	28. 94799	4. 73E-91	1. 27E-89	195. 8727
ITGA11	3. 130227	1. 955008	29. 22118	5. 40E-92	1. 51E-90	198. 047
ANP32A	2. 176154	5. 470021	31. 00098	4. 92E-98	1. 86E-96	211. 9839
GLCE	1. 521531	2. 543422	27. 26585	3. 69E-85	7. 56E-84	182. 2819

KIF23	2. 005854	1. 451855	32. 50376	5. 31E-103	2. 64E-101	223. 4426
RPLP1	1. 708236	10. 17643	16. 91972	3. 19E-46	2. 19E-45	92. 54422
TLE3	1. 746356	3. 474761	23. 84797	9. 71E-73	1. 31E-71	153. 6397
UACA	1. 875099	4. 195596	27. 27052	3. 55E-85	7. 29E-84	182. 3201
LARP6	1. 377135	2. 873972	19. 50311	3. 10E-56	2. 66E-55	115. 6018
LRRC49	1. 167647	1. 502684	23. 67542	4. 26E-72	5. 61E-71	152. 1599
THSD4	1. 731428	2. 412673	21. 75562	7. 14E-65	7. 66E-64	135. 5047
RP11-673C5. 1	1. 746987	5. 32471	23. 9133	5. 55E-73	7. 53E-72	154. 1992
GRAMD2	1. 048389	0. 726505	18. 87709	8. 18E-54	6. 61E-53	110. 0241
PKM	3. 995983	7. 522662	43. 49306	9. 40E-136	4. 34E-133	299. 0281
HEXA	1. 850287	5. 502933	27. 05664	2. 04E-84	4. 08E-83	180. 5674
ARIH1	1. 275529	4. 319465	18. 70845	3. 68E-53	2. 92E-52	108. 5194
NEO1	1. 307441	3. 5818	17. 46007	2. 56E-48	1. 83E-47	97. 36887
NPTN	1. 943001	5. 424318	24. 41579	7. 66E-75	1. 11E-73	158. 4879
CD276	2. 685606	4. 918594	36. 08193	2. 45E-114	2. 46E-112	249. 6005
LOXL1	3. 930522	4. 229925	44. 65226	7. 17E-139	4. 09E-136	306. 2242
STOML1	1. 600521	3. 163486	27. 01851	2. 79E-84	5. 57E-83	180. 2544
PML	2. 651314	4. 359568	36. 82298	1. 34E-116	1. 53E-114	254. 824
ISLR2	1. 228702	0. 780016	23. 4214	3. 77E-71	4. 83E-70	149. 9758
ISLR	4. 931248	4. 462295	44. 68971	5. 70E-139	3. 35E-136	306. 4544
STRA6	3. 750047	2. 043091	38. 33631	3. 90E-121	5. 91E-119	265. 2905
RP11-60L3. 1	1. 015697	0. 491462	15. 67439	2. 08E-41	1. 29E-40	81. 46418
SEMA7A	4. 065119	2. 455682	41. 64938	1. 14E-130	3. 36E-128	287. 2969
UBL7	1. 166093	4. 560804	19. 89879	9. 21E-58	8. 18E-57	119. 1192
CLK3	1. 203631	4. 80439	17. 8876	5. 61E-50	4. 16E-49	101. 1886
EDC3	1. 043849	3. 00989	20. 20607	6. 04E-59	5. 52E-58	121. 8455
CSK	2. 288152	4. 287347	33. 17792	3. 44E-105	1. 95E-103	228. 4914
SCAMP2	1. 731526	5. 329027	25. 85734	4. 12E-80	7. 08E-79	170. 6393
COX5A	1. 063265	7. 029747	14. 0063	4. 90E-35	2. 67E-34	66. 81383
RPP25	1. 501805	2. 601757	25. 37204	2. 39E-78	3. 88E-77	166. 5744
SCAMP5	-1. 19732	4. 040065	-12. 9656	3. 85E-31	1. 94E-30	57. 86645
C15orf39	1. 67213	3. 10731	28. 32102	7. 14E-89	1. 72E-87	190. 8478
COMMD4	1. 978198	5. 348786	30. 97086	6. 20E-98	2. 33E-96	211. 7513
SIN3A	1. 245856	3. 326695	20. 95729	7. 92E-62	7. 80E-61	128. 4879
PTPN9	1. 986751	3. 092889	33. 85656	2. 29E-107	1. 46E-105	233. 5169
SNUPN	1. 61692	3. 237237	32. 25679	3. 41E-102	1. 61E-100	221. 5788
IMP3	1. 326133	4. 874662	21. 83827	3. 47E-65	3. 75E-64	136. 2284
CSPG4	1. 551276	1. 589532	21. 30287	3. 79E-63	3. 87E-62	131. 531
UBE2Q2	1. 570214	3. 464942	27. 12239	1. 19E-84	2. 40E-83	181. 1068
FBXO22	1. 455602	3. 184859	24. 65312	1. 02E-75	1. 53E-74	160. 5041
NRG4	-2. 14062	2. 656391	-23. 3119	9. 67E-71	1. 23E-69	149. 0322
C15orf27	-1. 13113	1. 244751	-28. 418	3. 27E-89	8. 00E-88	191. 6285
ETFA	1. 364128	5. 625085	20. 99304	5. 78E-62	5. 71E-61	128. 803
RCN2	1. 608838	4. 151763	24. 8974	1. 30E-76	1. 99E-75	162. 5731
PSTPIP1	1. 800903	1. 916944	22. 08395	4. 06E-66	4. 49E-65	138. 3762
TSPAN3	2. 765713	6. 853525	31. 55212	7. 18E-100	2. 97E-98	216. 2192
PEAK1	1. 354362	2. 238598	21. 2134	8. 31E-63	8. 42E-62	130. 744
P11-500C12.	1. 29041	2. 343017	18. 56699	1. 30E-52	1. 02E-51	107. 2569
CIB2	1. 05367	2. 228216	16. 08863	5. 26E-43	3. 37E-42	85. 14101
IDH3A	1. 430407	4. 046503	20. 5225	3. 67E-60	3. 47E-59	124. 6477
DNAJA4	1. 825972	3. 317664	16. 15718	2. 86E-43	1. 84E-42	85. 7504
WDR61	1. 053535	4. 74087	19. 39612	8. 03E-56	6. 81E-55	114. 6495
PSMA4	2. 200794	6. 034002	31. 81144	9. 95E-101	4. 33E-99	218. 1988
CHRNA5	1. 749097	1. 593241	22. 32947	4. 78E-67	5. 43E-66	140. 5177

ADAMTS7	1. 761808	1. 230014	26. 93146	5. 70E-84	1. 12E-82	179. 5392
MORF4L1	2. 030246	6. 633994	25. 03018	4. 23E-77	6. 58E-76	163. 6949
CTSH	2. 873612	6. 858547	32. 07789	1. 32E-101	5. 99E-100	220. 224
MTHFS	1. 150268	4. 633423	16. 56992	7. 23E-45	4. 82E-44	89. 42479
ST20	1. 368196	2. 386978	21. 12374	1. 83E-62	1. 83E-61	129. 9546
BCL2A1	2. 794745	1. 806047	30. 46962	3. 00E-96	1. 03E-94	207. 8646
ZFAND6	1. 993565	4. 838495	32. 74433	8. 74E-104	4. 56E-102	225. 2507
FAH	1. 907421	3. 325289	32. 3883	1. 27E-102	6. 10E-101	222. 5722
ABHD17C	3. 450658	3. 411475	40. 68544	5. 97E-128	1. 41E-125	281. 0193
CEMIP	3. 045342	1. 913208	29. 8006	5. 58E-94	1. 73E-92	202. 6277
MESDC2	1. 259521	3. 682284	24. 45197	5. 64E-75	8. 20E-74	158. 7956
MESDC1	1. 008519	2. 675557	18. 68829	4. 41E-53	3. 50E-52	108. 3396
IL16	2. 073013	2. 165355	21. 55491	4. 14E-64	4. 35E-63	133. 7451
EFTUD1	1. 597071	2. 459513	30. 03083	9. 18E-95	2. 95E-93	204. 4362
RP13-608F4. 5	1. 058081	3. 715754	9. 544405	3. 82E-19	1. 49E-18	30. 37311
HOMER2	-1. 87822	4. 93664	-16. 9194	3. 20E-46	2. 19E-45	92. 5417
FAM103A1	1. 481134	3. 454559	29. 25648	4. 08E-92	1. 15E-90	198. 3273
C15orf40	1. 384445	3. 509968	25. 45951	1. 15E-78	1. 88E-77	167. 309
BTBD1	1. 813766	3. 632335	29. 36127	1. 78E-92	5. 09E-91	199. 1583
TM6SF1	1. 467323	1. 259715	20. 80631	3. 00E-61	2. 91E-60	127. 1558
HDGFRP3	2. 10388	2. 728281	24. 55087	2. 43E-75	3. 59E-74	159. 6362
GOLGA6L5P	-1. 18659	2. 54253	-16. 2232	1. 59E-43	1. 03E-42	86. 33743
NMB	1. 547406	2. 740633	21. 05872	3. 24E-62	3. 23E-61	129. 3819
SEC11A	1. 402086	6. 27258	21. 0915	2. 43E-62	2. 43E-61	129. 6707
AKAP13	1. 433838	4. 985247	19. 41548	6. 76E-56	5. 74E-55	114. 8219
KLHL25	2. 001892	1. 729448	33. 19838	2. 96E-105	1. 68E-103	228. 6438
MRPL46	1. 463883	3. 547176	28. 88718	7. 68E-91	2. 04E-89	195. 3875
MRPS11	1. 351759	4. 474208	24. 24251	3. 35E-74	4. 74E-73	157. 0119
ISG20	3. 588745	4. 044287	39. 39973	2. 97E-124	5. 39E-122	272. 4875
ACAN	1. 173345	0. 806389	18. 99979	2. 74E-54	2. 24E-53	111. 1184
HAPLN3	3. 196519	2. 420147	38. 99158	4. 60E-123	7. 77E-121	269. 7405
MFGES	2. 470022	5. 51676	24. 38838	9. 67E-75	1. 39E-73	158. 2546
ABHD2	1. 920981	4. 678044	20. 11628	1. 34E-58	1. 21E-57	121. 0494
P11-326A19.	1. 395489	5. 431452	14. 32114	3. 15E-36	1. 76E-35	69. 55446
FANCI	1. 910834	1. 901784	32. 08035	1. 29E-101	5. 88E-100	220. 2427
POLG	1. 124422	4. 383582	17. 62662	5. 78E-49	4. 19E-48	98. 85677
KIF7	1. 284586	1. 142787	26. 98049	3. 81E-84	7. 56E-83	179. 9421
ANPEP	-2. 88622	6. 75393	-19. 2393	3. 24E-55	2. 71E-54	113. 2531
SEMA4B	1. 692787	5. 120372	15. 72601	1. 32E-41	8. 21E-41	81. 92177
CIB1	1. 223222	6. 771443	14. 09392	2. 29E-35	1. 25E-34	67. 57511
GDPGP1	1. 032797	1. 642479	20. 73912	5. 42E-61	5. 24E-60	126. 5624
NGRN	1. 935042	4. 775644	31. 47381	1. 31E-99	5. 33E-98	215. 6197
IQGAP1	2. 262987	5. 452766	31. 3871	2. 53E-99	1. 02E-97	214. 9551
CRTC3	1. 451876	3. 040392	24. 10159	1. 11E-73	1. 55E-72	155. 8093
BLM	1. 545227	1. 063055	35. 61546	6. 74E-113	6. 07E-111	246. 2789
FES	1. 157111	3. 171114	9. 94756	1. 80E-20	7. 25E-20	33. 40637
MAN2A2	-1. 06385	4. 667923	-13. 3369	1. 60E-32	8. 33E-32	61. 03715
UNC45A	1. 131006	4. 738279	18. 78917	1. 79E-53	1. 43E-52	109. 2397
PRC1	2. 144168	3. 126668	29. 29042	3. 12E-92	8. 83E-91	198. 5966
VPS33B	1. 196352	3. 017339	23. 71371	3. 07E-72	4. 06E-71	152. 4885
AC068831. 17	-1. 28643	0. 799541	-27. 2852	3. 15E-85	6. 48E-84	182. 4398
SLC03A1	2. 310566	2. 812322	31. 42741	1. 86E-99	7. 53E-98	215. 2642
LINC00930	-1. 05913	0. 998046	-13. 1631	7. 12E-32	3. 65E-31	59. 54978
LINC01578	1. 227931	5. 497507	16. 78184	1. 09E-45	7. 42E-45	91. 31414

NR2F2	1. 710321	3. 99237	21. 60415	2. 69E-64	2. 84E-63	134. 177
CTD-2147F2.1	1. 566708	0. 796655	12. 25102	1. 61E-28	7. 73E-28	51. 84614
TTC23	1. 120567	2. 715272	21. 32288	3. 18E-63	3. 25E-62	131. 707
MEF2A	1. 265546	3. 305944	19. 14659	7. 40E-55	6. 15E-54	112. 4269
LINS	1. 108671	2. 365	21. 43619	1. 17E-63	1. 22E-62	132. 7028
ASB7	1. 233917	1. 639983	31. 61814	4. 34E-100	1. 82E-98	216. 724
ALDH1A3	2. 225189	3. 08	21. 0517	3. 45E-62	3. 43E-61	129. 32
CHSY1	2. 415713	2. 783098	31. 96385	3. 13E-101	1. 39E-99	219. 3583
SNRPA1	1. 244008	4. 747449	18. 97874	3. 30E-54	2. 70E-53	110. 9307
PCSK6	2. 09012	2. 130277	27. 42598	9. 99E-86	2. 10E-84	183. 5905
TM2D3	1. 213844	4. 490056	21. 10649	2. 13E-62	2. 13E-61	129. 8028
POLR3K	1. 841366	2. 704397	39. 49503	1. 57E-124	2. 90E-122	273. 1262
SNRNP25	1. 229283	3. 768127	25. 57206	4. 46E-79	7. 43E-78	168. 253
RHBDF1	1. 563528	4. 355142	19. 05099	1. 74E-54	1. 43E-53	111. 5749
MPG	1. 408708	5. 165103	20. 55192	2. 83E-60	2. 68E-59	124. 9078
ITFG3	1. 391526	5. 085968	21. 34928	2. 52E-63	2. 59E-62	131. 9391
RGS11	-1. 32048	2. 663183	-15. 7584	9. 90E-42	6. 18E-41	82. 20874
ARHGDI6	-4. 04926	3. 610674	-37. 5282	9. 96E-119	1. 30E-116	259. 7346
PDIA2	-5. 90635	6. 405383	-26. 2009	2. 37E-81	4. 24E-80	173. 5008
AXIN1	1. 526338	3. 351854	27. 74335	7. 57E-87	1. 66E-85	186. 1751
MRPL28	2. 028003	4. 809377	30. 99219	5. 26E-98	1. 98E-96	211. 916
NME4	1. 794739	5. 190506	23. 69094	3. 73E-72	4. 92E-71	152. 2931
C16orf13	1. 608121	5. 304436	22. 64352	3. 12E-68	3. 67E-67	143. 2492
MSLN	7. 134377	3. 717462	48. 90684	7. 94E-150	1. 07E-146	331. 5131
STUB1	1. 509084	6. 058395	23. 27236	1. 36E-70	1. 72E-69	148. 6915
JMJD8	1. 051942	5. 154072	17. 35112	6. 78E-48	4. 80E-47	96. 39571
FAM173A	1. 065539	4. 000596	12. 32899	8. 39E-29	4. 04E-28	52. 49746
CCDC78	1. 055398	1. 161415	15. 6761	2. 05E-41	1. 27E-40	81. 47934
HAGHL	1. 896763	2. 429606	22. 38532	2. 94E-67	3. 36E-66	141. 004
RPUSD1	1. 077435	3. 27737	18. 75877	2. 35E-53	1. 87E-52	108. 9685
CACNA1H	1. 307325	2. 438848	15. 81772	5. 84E-42	3. 66E-41	82. 73516
TPSB2	2. 476203	3. 85252	17. 41889	3. 70E-48	2. 64E-47	97. 00099
TPSAB1	2. 433699	4. 021155	20. 012	3. 37E-58	3. 03E-57	120. 1242
UBE2I	1. 901935	5. 370507	28. 1079	3. 97E-88	9. 18E-87	189. 1286
TSR3	1. 229199	5. 112676	19. 54803	2. 08E-56	1. 79E-55	116. 0014
GNPTG	1. 310542	5. 114228	23. 46595	2. 57E-71	3. 31E-70	150. 3593
C16orf91	1. 790833	2. 901728	37. 42741	2. 00E-118	2. 55E-116	259. 0364
A16c-390E6	1. 36067	2. 154488	10. 96894	5. 97E-24	2. 59E-23	41. 37188
IFT140	1. 056641	2. 738806	18. 87539	8. 30E-54	6. 71E-53	110. 0089
TMEM204	2. 065936	3. 744267	23. 57874	9. 75E-72	1. 27E-70	151. 3294
HN1L	1. 768858	4. 382707	25. 76719	8. 74E-80	1. 49E-78	169. 8862
MRPS34	1. 222183	5. 887994	17. 72246	2. 46E-49	1. 80E-48	99. 71305
FAHD1	1. 831758	3. 200791	32. 41825	1. 01E-102	4. 91E-101	222. 7982
RPL3L	-1. 19572	0. 847996	-8. 73478	1. 43E-16	5. 25E-16	24. 49879
NDUFB10	1. 238204	6. 388489	18. 61291	8. 63E-53	6. 81E-52	107. 6668
TBL3	1. 344731	4. 558855	20. 49433	4. 71E-60	4. 43E-59	124. 3984
NOXO1	1. 486339	1. 052391	15. 30085	5. 70E-40	3. 44E-39	78. 15919
SYNGR3	1. 196541	0. 970236	18. 29872	1. 43E-51	1. 10E-50	104. 8613
SLC9A3R2	2. 317968	5. 3882	26. 71227	3. 46E-83	6. 62E-82	177. 734
NTHL1	1. 978631	3. 5326	28. 94335	4. 91E-91	1. 31E-89	195. 8357
P11-304L19	2. 487231	1. 571315	30. 38909	5. 61E-96	1. 90E-94	207. 2372
P11-304L19	2. 090776	1. 602953	26. 74502	2. 64E-83	5. 08E-82	178. 0041
RAB26	-1. 60361	3. 426344	-14. 9675	1. 08E-38	6. 36E-38	75. 21997
TRAF7	1. 58935	4. 642782	22. 91332	3. 02E-69	3. 66E-68	145. 5887

PGP	1. 273446	2. 537408	24. 74044	4. 89E-76	7. 36E-75	161. 2445
RNPS1	1. 795038	5. 949697	25. 97958	1. 49E-80	2. 59E-79	171. 659
AC009065.4	2. 235965	1. 065413	40. 67577	6. 36E-128	1. 50E-125	280. 9558
CCNF	1. 31587	1. 161906	32. 79761	5. 87E-104	3. 08E-102	225. 6502
C16orf59	1. 262131	1. 016849	26. 03318	9. 53E-81	1. 67E-79	172. 1055
ATP6VOC	1. 82243	6. 622525	23. 84237	1. 02E-72	1. 37E-71	153. 5918
AMDHD2	1. 253218	3. 454645	19. 44387	5. 25E-56	4. 47E-55	115. 0746
KCTD5	2. 270472	3. 269346	39. 86338	1. 35E-125	2. 69E-123	275. 5854
TCEB2	2. 543668	7. 363556	33. 5492	2. 20E-106	1. 32E-104	231. 2479
PRSS21	1. 935714	1. 763947	13. 26654	2. 93E-32	1. 52E-31	60. 4342
ZG16B	4. 522729	3. 018016	32. 95996	1. 75E-104	9. 41E-103	226. 8653
PRSS22	2. 05119	4. 545036	19. 21486	4. 03E-55	3. 37E-54	113. 0353
FLYWCH2	2. 066663	3. 6263	35. 31639	5. 72E-112	4. 86E-110	244. 1355
PKMYT1	2. 820257	2. 164362	35. 83703	1. 39E-113	1. 31E-111	247. 8598
PAQR4	1. 697855	3. 19901	25. 22294	8. 35E-78	1. 33E-76	165. 3201
TNFRSF12A	2. 323174	6. 086945	21. 79995	4. 85E-65	5. 22E-64	135. 8929
HCFC1R1	2. 708339	5. 515179	34. 59337	1. 05E-109	7. 81E-108	238. 9089
THOC6	1. 619537	3. 88932	27. 55798	3. 41E-86	7. 29E-85	184. 667
CCDC64B	-1. 5517	5. 227038	-15. 1049	3. 22E-39	1. 91E-38	76. 43022
P11-473M20.	-1. 74519	1. 854005	-26. 1328	4. 17E-81	7. 40E-80	172. 9346
IL32	1. 01663	8. 166058	8. 812971	8. 16E-17	3. 02E-16	25. 05264
ZNF200	1. 066801	1. 579239	24. 93061	9. 80E-77	1. 51E-75	162. 8539
ZNF263	1. 162105	3. 565424	21. 19238	1. 00E-62	1. 01E-61	130. 5589
ZNF174	1. 067646	2. 175476	25. 16788	1. 33E-77	2. 10E-76	164. 8564
CLUAP1	1. 55107	3. 236718	28. 14646	2. 91E-88	6. 78E-87	189. 44
DNASE1	-1. 08767	3. 60202	-10. 4518	3. 61E-22	1. 50E-21	37. 29157
GLIS2	1. 970633	3. 403054	21. 53579	4. 90E-64	5. 13E-63	133. 5772
COR07	1. 50952	3. 642856	22. 59677	4. 68E-68	5. 48E-67	142. 8431
VASN	1. 922096	3. 142138	21. 18243	1. 09E-62	1. 10E-61	130. 4714
NMRAL1	1. 210178	4. 834077	20. 31109	2. 38E-59	2. 20E-58	122. 7762
HMOX2	1. 952828	4. 881635	32. 12846	9. 00E-102	4. 14E-100	220. 6074
MGRN1	1. 113363	4. 229556	17. 71615	2. 60E-49	1. 90E-48	99. 65667
NUDT16L1	1. 105566	3. 775432	21. 32594	3. 09E-63	3. 17E-62	131. 7339
SMIM22	2. 34397	6. 883928	24. 23928	3. 44E-74	4. 87E-73	156. 9844
GLYR1	1. 129646	4. 564327	18. 13676	6. 06E-51	4. 58E-50	103. 4146
UBN1	1. 120987	3. 157336	19. 46644	4. 29E-56	3. 67E-55	115. 2755
PPL	2. 498316	3. 545933	25. 64251	2. 48E-79	4. 16E-78	168. 8432
NAGPA	1. 204602	2. 682119	24. 5416	2. 63E-75	3. 87E-74	159. 5575
ALG1	1. 019815	3. 916557	20. 25598	3. 88E-59	3. 56E-58	122. 2879
EEF2KMT	1. 052302	2. 547344	22. 98126	1. 68E-69	2. 05E-68	146. 1767
ABAT	-1. 18571	3. 497579	-12. 7955	1. 64E-30	8. 14E-30	56. 4236
CARHSP1	2. 082728	5. 435085	29. 24998	4. 30E-92	1. 21E-90	198. 2757
C16orf72	1. 403828	3. 134091	27. 11773	1. 24E-84	2. 49E-83	181. 0686
EMP2	2. 613053	3. 758391	35. 86635	1. 13E-113	1. 07E-111	248. 0686
CIITA	1. 965419	1. 986625	24. 07329	1. 42E-73	1. 96E-72	155. 5676
DEXI	1. 189467	4. 23622	22. 44079	1. 81E-67	2. 09E-66	141. 4869
P11-876N24.	1. 073607	1. 412101	14. 81948	3. 98E-38	2. 32E-37	73. 91832
CLEC16A	1. 368817	2. 710736	25. 75069	1. 00E-79	1. 70E-78	169. 7483
RMI2	2. 588086	1. 85439	42. 45657	6. 48E-133	2. 38E-130	292. 4769
SOCS1	1. 74102	1. 881263	21. 70739	1. 09E-64	1. 16E-63	135. 0822
LITAF	2. 862123	5. 346821	36. 5646	8. 17E-116	8. 95E-114	253. 0101
SNN	1. 553087	2. 492538	23. 37418	5. 66E-71	7. 21E-70	149. 5692
GSPT1	1. 143633	5. 00215	16. 94549	2. 54E-46	1. 74E-45	92. 77417
TNFRSF17	1. 034645	0. 586287	14. 24548	6. 10E-36	3. 38E-35	68. 89459

SNX29	1. 513607	1. 729044	27. 98617	1. 06E-87	2. 40E-86	188. 1441
CPPED1	2. 090174	2. 117991	35. 16974	1. 64E-111	1. 36E-109	243. 0805
PARN	1. 524674	3. 717022	28. 48065	1. 98E-89	4. 89E-88	192. 1317
BFAR	1. 257468	4. 910544	17. 11137	5. 77E-47	4. 02E-46	94. 25473
PLA2G10	2. 361849	2. 634996	19. 66141	7. 59E-57	6. 61E-56	117. 0098
RP11-719K4. 5	3. 215174	2. 396158	23. 59717	8. 33E-72	1. 09E-70	151. 4878
NTAN1	1. 747379	4. 007863	27. 8524	3. 13E-87	6. 97E-86	187. 0603
RRN3	1. 174203	3. 382018	15. 71871	1. 41E-41	8. 75E-41	81. 85703
MPV17L	-1. 13737	2. 153571	-17. 8532	7. 63E-50	5. 65E-49	100. 8811
C16orf45	1. 346385	3. 769178	14. 10576	2. 06E-35	1. 13E-34	67. 67807
NDE1	2. 75929	2. 713499	40. 06904	3. 45E-126	7. 15E-124	276. 9518
CTB-193M12. 5	2. 376886	1. 726479	41. 93894	1. 77E-131	5. 75E-129	289. 163
MYH11	2. 501852	3. 487841	17. 68284	3. 50E-49	2. 55E-48	99. 35904
AF001548. 5	1. 426557	1. 235815	22. 07872	4. 25E-66	4. 70E-65	138. 3306
ABCC1	1. 602674	3. 088376	26. 41337	4. 07E-82	7. 51E-81	175. 2633
ABCC6	-1. 03046	2. 58053	-13. 869	1. 62E-34	8. 73E-34	65. 62268
NOM03	-1. 04041	4. 2166	-12. 0574	8. 12E-28	3. 84E-27	50. 23542
PKD1P1	-1. 15034	1. 691532	-12. 5395	1. 43E-29	6. 97E-29	54. 26281
XYLT1	1. 52192	1. 649845	24. 05972	1. 59E-73	2. 20E-72	155. 4516
ARL6IP1	2. 961853	5. 639037	36. 67773	3. 69E-116	4. 12E-114	253. 8053
TMC7	2. 267873	1. 465337	23. 04916	9. 32E-70	1. 15E-68	146. 7641
COQ7	1. 239635	2. 807752	27. 20259	6. 19E-85	1. 26E-83	181. 764
ITPRIPL2	1. 679752	2. 823004	25. 14345	1. 63E-77	2. 58E-76	164. 6505
P11-626G11. 2	0. 21288	3. 608497	30. 75991	3. 16E-97	1. 14E-95	210. 1195
SYT17	1. 774101	1. 924546	25. 8154	5. 85E-80	1. 00E-78	170. 2891
CTA-363E6. 2	1. 374938	0. 710021	16. 20793	1. 82E-43	1. 18E-42	86. 20176
TMC5	4. 751717	3. 371281	42. 63301	2. 11E-133	8. 14E-131	293. 6
GDE1	1. 627274	4. 543872	24. 77929	3. 52E-76	5. 32E-75	161. 5735
C16orf62	1. 515171	3. 679897	25. 85031	4. 37E-80	7. 50E-79	170. 5806
KNOP1	1. 641646	3. 22552	27. 35643	1. 76E-85	3. 66E-84	183. 0225
IQCK	1. 183096	2. 913322	18. 71687	3. 41E-53	2. 72E-52	108. 5946
GPRC5B	1. 024726	3. 933931	11. 65326	2. 30E-26	1. 05E-25	46. 90465
GP2	-8. 50303	9. 371874	-25. 6608	2. 13E-79	3. 57E-78	168. 9959
UMOD	-1. 34665	0. 886022	-24. 5056	3. 57E-75	5. 24E-74	159. 2516
DCUN1D3	1. 055104	1. 946271	20. 46076	6. 34E-60	5. 94E-59	124. 1014
LYRM1	1. 029657	3. 937955	16. 81365	8. 23E-46	5. 60E-45	91. 59786
TMEM159	2. 547283	3. 714426	34. 88894	1. 24E-110	9. 69E-109	241. 0531
ANKS4B	1. 631357	0. 877517	21. 9973	8. 64E-66	9. 49E-65	137. 6193
CRYM	1. 282278	0. 73995	21. 26659	5. 21E-63	5. 31E-62	131. 212
METTL9	1. 785861	4. 858456	28. 02469	7. 77E-88	1. 77E-86	188. 4559
IGSF6	2. 157142	1. 46515	28. 71337	3. 07E-90	7. 93E-89	193. 998
UQCRC2	1. 303844	6. 107117	19. 8544	1. 37E-57	1. 21E-56	118. 7249
CDR2	1. 784008	3. 436102	29. 0614	1. 92E-91	5. 25E-90	196. 7764
HS3ST2	1. 334807	0. 813364	18. 90977	6. 11E-54	4. 96E-53	110. 3156
COG7	1. 137302	3. 551559	18. 53881	1. 67E-52	1. 31E-51	107. 0053
UBFD1	1. 084997	3. 415848	19. 25025	2. 94E-55	2. 46E-54	113. 3505
NDUFAB1	1. 374338	5. 634796	22. 13118	2. 69E-66	2. 99E-65	138. 7886
PALB2	1. 593767	2. 196347	34. 03202	6. 31E-108	4. 17E-106	234. 8069
DCTN5	1. 882116	4. 059853	30. 89064	1. 15E-97	4. 25E-96	211. 1314
PLK1	2. 829544	2. 184355	40. 70421	5. 28E-128	1. 25E-125	281. 1425
TD-2196E14. 1	1. 11506	0. 594579	16. 4444	2. 21E-44	1. 46E-43	88. 3066
ERN2	4. 550508	2. 780475	34. 27523	1. 07E-108	7. 47E-107	236. 5888
PRKCB	1. 175599	0. 808299	14. 98076	9. 62E-39	5. 66E-38	75. 33669
ARHGAP17	1. 13185	4. 314494	18. 951	4. 23E-54	3. 44E-53	110. 6833

AQP8	-5.36405	4.637961	-27.0141	2.89E-84	5.77E-83	180.2185
NSMCE1	1.505722	5.26774	25.39656	1.94E-78	3.17E-77	166.7804
IL4R	1.963427	4.508527	20.42928	8.38E-60	7.83E-59	123.8228
IL21R	1.243128	0.68878	21.79341	5.13E-65	5.53E-64	135.8356
XPO6	1.530916	4.906773	24.3953	9.12E-75	1.32E-73	158.3135
EIF3CL	1.365298	5.069198	17.98704	2.31E-50	1.73E-49	102.077
CLN3	1.44113	4.609307	23.65962	4.87E-72	6.40E-71	152.0242
APOBR	2.182696	1.61643	32.80086	5.73E-104	3.01E-102	225.6746
EIF3C	1.357588	7.821614	14.87523	2.44E-38	1.42E-37	74.40831
RP11-24N18.1	1.596606	2.795432	9.828324	4.47E-20	1.79E-19	32.50225
TUFM	1.235562	6.572873	18.38855	6.40E-52	4.95E-51	105.6636
RABEP2	1.022749	3.684166	17.60775	6.84E-49	4.96E-48	98.68815
CD19	1.163702	0.645328	11.27142	5.20E-25	2.30E-24	43.79986
SPNS1	1.670618	4.146464	27.59067	2.62E-86	5.62E-85	184.9332
LAT	1.129347	2.697414	12.62945	6.68E-30	3.28E-29	55.02045
P11-426C22.	1.490163	0.881978	31.13391	1.77E-98	6.82E-97	213.0089
P11-426C22.	1.070199	0.55759	23.28217	1.25E-70	1.58E-69	148.7761
RP11-345J4.5	2.387102	3.593014	35.89087	9.50E-114	9.11E-112	248.2431
RP11-345J4.6	1.466595	1.36472	7.921445	4.00E-14	1.39E-13	18.92459
BOLA2	2.367589	2.773254	32.16933	6.60E-102	3.06E-100	220.917
SLX1B	1.190967	2.623393	11.38514	2.06E-25	9.23E-25	44.71997
SULT1A4	2.669591	2.703005	27.49947	5.49E-86	1.16E-84	184.19
RP11-345J4.5	1.068749	0.649454	18.17466	4.32E-51	3.28E-50	103.7532
RP11-345J4.4	1.214445	0.762619	19.15849	6.66E-55	5.54E-54	112.5329
SPN	1.973706	1.292562	27.66511	1.43E-86	3.10E-85	185.539
C16orf54	1.593978	0.917333	18.49338	2.51E-52	1.96E-51	106.5996
KIF22	1.314335	4.114557	19.87741	1.11E-57	9.88E-57	118.9293
AC009133.21	1.058	0.992191	15.73492	1.22E-41	7.59E-41	82.00073
MAZ	1.658763	6.195535	23.77334	1.84E-72	2.46E-71	153
PAGR1	1.088372	3.902175	18.84549	1.08E-53	8.74E-53	109.7422
MVP	2.199923	6.479642	23.70349	3.35E-72	4.42E-71	152.4008
CDIPT	1.199226	5.679546	17.36944	5.75E-48	4.09E-47	96.55931
SEZ6L2	1.886767	4.086622	27.06402	1.92E-84	3.85E-83	180.6281
ASPHD1	2.046912	3.363347	22.31074	5.62E-67	6.38E-66	140.3545
KCTD13	1.190853	3.383886	19.4648	4.36E-56	3.72E-55	115.2608
TMEM219	1.563706	6.598329	22.33491	4.56E-67	5.19E-66	140.5651
ALDOA	2.435197	9.004988	23.71779	2.96E-72	3.92E-71	152.5235
PPP4C	2.318249	5.444681	35.54915	1.08E-112	9.56E-111	245.8046
TBX6	1.019145	1.834364	11.41599	1.61E-25	7.20E-25	44.97026
GDPD3	2.076016	2.190091	23.8053	1.40E-72	1.88E-71	153.274
MAPK3	2.762553	5.206501	37.99219	4.09E-120	5.76E-118	262.9339
CORO1A	2.855231	3.698071	25.26659	5.78E-78	9.29E-77	165.6876
BOLA2B	2.803573	5.35017	37.85921	1.02E-119	1.39E-117	262.0196
SLX1A	1.067455	4.507741	11.96909	1.69E-27	7.94E-27	49.5039
SULT1A3	1.34969	3.4664	14.1251	1.74E-35	9.58E-35	67.84635
P11-347C12.	1.998379	1.330524	27.53214	4.21E-86	8.96E-85	184.4564
P11-347C12.	1.234193	0.772029	19.4169	6.67E-56	5.67E-55	114.8345
CD2BP2	1.584427	4.850067	25.61666	3.07E-79	5.15E-78	168.6267
P11-347C12.1	1.231911	1.236066	28.40166	3.73E-89	9.09E-88	191.4968
TBC1D10B	1.525109	3.978112	27.57412	2.99E-86	6.41E-85	184.7984
ZNF48	1.053431	2.127171	25.73967	1.10E-79	1.86E-78	169.6562
1-Sep	1.733106	1.77001	18.62035	8.08E-53	6.38E-52	107.7332
DCTPP1	2.093058	4.352309	33.26521	1.80E-105	1.03E-103	229.141
SEPHS2	1.956471	4.507923	32.4035	1.13E-102	5.46E-101	222.6869

ITGAL	1. 800996	1. 612106	19. 24078	3. 20E-55	2. 68E-54	113. 2661
ZNF768	1. 419548	4. 056884	22. 66877	2. 51E-68	2. 96E-67	143. 4684
ZNF688	1. 109376	3. 25359	21. 72227	9. 57E-65	1. 02E-63	135. 2125
RP11-2C24. 9	1. 183745	2. 392977	24. 78844	3. 26E-76	4. 93E-75	161. 6511
TMEM265	3. 216056	3. 80551	34. 78212	2. 68E-110	2. 04E-108	240. 2794
PHKG2	1. 258033	4. 014683	20. 63331	1. 38E-60	1. 32E-59	125. 6275
RNF40	1. 758923	4. 943613	29. 88094	2. 97E-94	9. 30E-93	203. 2595
ZNF629	1. 370427	2. 299146	30. 08086	6. 21E-95	2. 01E-93	204. 8283
BCL7C	2. 156804	3. 9089	36. 46627	1. 63E-115	1. 74E-113	252. 3178
CTF1	1. 190536	1. 804634	19. 92768	7. 13E-58	6. 35E-57	119. 3757
FBXL19	1. 491275	2. 646042	23. 80536	1. 40E-72	1. 88E-71	153. 2746
ORAI3	1. 214823	3. 474475	20. 3192	2. 22E-59	2. 05E-58	122. 848
HSD3B7	1. 454209	3. 963317	22. 43563	1. 90E-67	2. 19E-66	141. 442
STX4	1. 593078	5. 105872	24. 52031	3. 16E-75	4. 63E-74	159. 3766
ZNF668	1. 821047	2. 153457	36. 00683	4. 17E-114	4. 12E-112	249. 0675
VKORC1	1. 123378	6. 196898	17. 12313	5. 19E-47	3. 62E-46	94. 35971
P11-388M20.	1. 204418	1. 094019	7. 654743	2. 35E-13	7. 97E-13	17. 17541
PRSS8	1. 598972	6. 069325	16. 47366	1. 71E-44	1. 13E-43	88. 56718
PRSS36	1. 191543	1. 29699	26. 31268	9. 38E-82	1. 71E-80	174. 4286
FUS	1. 335838	6. 831215	17. 20377	2. 53E-47	1. 77E-46	95. 07972
PYCARD	3. 520642	4. 087784	43. 34713	2. 34E-135	1. 04E-132	298. 1125
ITGAM	1. 928249	2. 051223	22. 42867	2. 02E-67	2. 32E-66	141. 3814
ITGAX	2. 099615	2. 356154	20. 65147	1. 18E-60	1. 13E-59	125. 788
TGFB1I1	2. 926143	3. 697416	32. 82905	4. 64E-104	2. 44E-102	225. 8858
ZNF720	1. 427118	2. 642151	25. 78127	7. 77E-80	1. 33E-78	170. 0039
ZNF267	2. 047592	2. 087667	41. 0928	4. 18E-129	1. 10E-126	283. 6845
P11-1166P10.	1. 290692	0. 742004	20. 56382	2. 55E-60	2. 42E-59	125. 0131
UBE2MP1	1. 316776	0. 749473	36. 89581	8. 04E-117	9. 26E-115	255. 3338
SHCBP1	1. 723263	1. 026353	36. 35862	3. 48E-115	3. 64E-113	251. 5584
RP11-46D6. 1	1. 707826	2. 361746	27. 93061	1. 66E-87	3. 73E-86	187. 6942
RAB43P1	1. 557505	1. 936969	21. 37328	2. 04E-63	2. 10E-62	132. 15
VPS35	2. 065017	4. 188967	32. 48257	6. 23E-103	3. 08E-101	223. 283
ORC6	1. 69178	1. 21278	32. 59476	2. 68E-103	1. 35E-101	224. 1274
C16orf87	1. 529667	1. 667935	34. 01024	7. 40E-108	4. 87E-106	234. 647
GPT2	-2. 08884	4. 419976	-19. 6984	5. 46E-57	4. 77E-56	117. 3391
DNAJA2	1. 68913	4. 231674	27. 72886	8. 52E-87	1. 86E-85	186. 0573
NETO2	1. 129884	1. 47576	14. 58515	3. 12E-37	1. 78E-36	71. 86263
ITFG1	1. 857483	4. 53995	29. 86417	3. 39E-94	1. 06E-92	203. 1277
SLAH1	1. 45684	3. 302771	26. 07739	6. 60E-81	1. 16E-79	172. 4735
N4BP1	1. 892094	3. 276141	31. 52326	8. 95E-100	3. 67E-98	215. 9984
ZNF423	1. 105945	1. 463748	16. 9865	1. 76E-46	1. 21E-45	93. 14017
ADCY7	2. 058527	2. 092625	26. 66284	5. 20E-83	9. 89E-82	177. 3262
BRD7	1. 378009	4. 805537	25. 0771	2. 85E-77	4. 46E-76	164. 091
SNX20	1. 751771	1. 133126	25. 70548	1. 46E-79	2. 47E-78	169. 3702
NOD2	1. 077478	0. 86801	11. 39197	1. 95E-25	8. 74E-25	44. 77538
CYLD	1. 427633	2. 999524	24. 28447	2. 34E-74	3. 33E-73	157. 3696
HNRNPA1P48	1. 069403	3. 379601	15. 4437	1. 61E-40	9. 81E-40	79. 42178
TOX3	1. 946953	1. 920783	22. 02057	7. 05E-66	7. 76E-65	137. 8226
CHD9	1. 147797	2. 734402	20. 57361	2. 34E-60	2. 22E-59	125. 0997
AKTIP	1. 119396	3. 556328	20. 02519	3. 00E-58	2. 70E-57	120. 2413
RPGRIP1L	1. 224797	1. 280639	29. 61711	2. 36E-93	7. 05E-92	201. 1817
FTO	1. 456106	3. 542221	23. 22992	1. 96E-70	2. 47E-69	148. 3254
CRNDE	1. 878519	2. 679904	20. 28301	3. 06E-59	2. 81E-58	122. 5274
IRX5	1. 18709	0. 645309	22. 27934	7. 39E-67	8. 35E-66	140. 0808

MMP2	3. 790212	5. 957388	29. 44752	9. 01E-93	2. 60E-91	199. 8413
LPCAT2	2. 374265	2. 389689	34. 4234	3. 62E-109	2. 60E-107	237. 6709
CES1	2. 718554	3. 626466	19. 6069	1. 23E-56	1. 07E-55	116. 5251
AMFR	1. 792683	4. 897157	29. 18956	6. 94E-92	1. 94E-90	197. 7958
NUDT21	1. 435125	4. 479485	20. 73289	5. 73E-61	5. 53E-60	126. 5074
OGFOD1	1. 805705	3. 14379	28. 68779	3. 77E-90	9. 69E-89	193. 7932
BBS2	1. 16225	3. 818964	18. 96748	3. 65E-54	2. 98E-53	110. 8302
MT2A	1. 202849	7. 901333	7. 683251	1. 95E-13	6. 62E-13	17. 36043
MT1G	-1. 86043	7. 040686	-9. 16541	6. 34E-18	2. 41E-17	27. 58551
MT1H	-1. 78791	3. 826674	-9. 35232	1. 60E-18	6. 16E-18	28. 95227
MT1X	-1. 01804	8. 19748	-6. 35022	7. 44E-10	2. 26E-09	9. 245963
NUP93	1. 869315	3. 846427	33. 42837	5. 38E-106	3. 19E-104	230. 3527
RP11-325K4. 3	-1. 5725	1. 46134	-29. 5138	5. 34E-93	1. 57E-91	200. 3652
RP11-325K4. 2	-1. 88324	2. 120062	-29. 7416	8. 88E-94	2. 71E-92	202. 1634
NLRC5	2. 086915	3. 073318	24. 44002	6. 24E-75	9. 06E-74	158. 694
CPNE2	1. 970229	3. 541895	27. 79531	4. 97E-87	1. 10E-85	186. 597
FAM192A	1. 272541	5. 171996	20. 10589	1. 47E-58	1. 33E-57	120. 9572
RSPRY1	1. 00576	3. 418567	17. 65915	4. 32E-49	3. 14E-48	99. 14738
ARL2BP	1. 854021	4. 159339	31. 19335	1. 12E-98	4. 35E-97	213. 4665
PLLP	1. 13032	4. 671825	10. 87007	1. 32E-23	5. 67E-23	40. 58468
CCL22	1. 97813	0. 990214	24. 98418	6. 23E-77	9. 65E-76	163. 3066
CX3CL1	2. 332304	3. 463872	23. 77001	1. 89E-72	2. 53E-71	152. 9715
CCL17	2. 931616	1. 487996	22. 5483	7. 13E-68	8. 30E-67	142. 4219
CIAPIN1	1. 361138	4. 188459	16. 22131	1. 62E-43	1. 05E-42	86. 32084
POLR2C	1. 182525	4. 723098	20. 10953	1. 42E-58	1. 29E-57	120. 9896
DOK4	2. 415693	4. 050801	32. 85458	3. 83E-104	2. 03E-102	226. 077
CCDC102A	1. 406456	2. 20512	25. 29937	4. 39E-78	7. 08E-77	165. 9634
ADGRG1	1. 975288	5. 456883	23. 79518	1. 53E-72	2. 04E-71	153. 1873
KATNB1	1. 053805	3. 341783	20. 12737	1. 21E-58	1. 10E-57	121. 1478
USB1	1. 810313	3. 944876	31. 24806	7. 35E-99	2. 89E-97	213. 8874
MMP15	1. 787415	3. 727691	22. 67371	2. 40E-68	2. 84E-67	143. 5113
CFAP20	1. 907525	3. 764034	33. 93776	1. 26E-107	8. 17E-106	234. 1144
GINS3	1. 166882	1. 261371	28. 54981	1. 14E-89	2. 84E-88	192. 6871
CNOT1	1. 283759	5. 850684	23. 00592	1. 35E-69	1. 66E-68	146. 3901
SLC38A7	1. 236983	2. 307881	25. 11009	2. 16E-77	3. 40E-76	164. 3692
GOT2	1. 657228	4. 511943	30. 53656	1. 78E-96	6. 20E-95	208. 3855
RP11-5106. 1	1. 532358	4. 523362	23. 05413	8. 93E-70	1. 10E-68	146. 8071
CDH11	4. 221633	3. 006286	37. 12007	1. 68E-117	2. 02E-115	256. 8999
CDH5	1. 686649	2. 702459	21. 74234	8. 03E-65	8. 58E-64	135. 3884
LINC00920	1. 363175	0. 734485	26. 37396	5. 64E-82	1. 03E-80	174. 9367
BEAN1	2. 182498	1. 443268	24. 86145	1. 76E-76	2. 69E-75	162. 2691
TK2	1. 235216	3. 986219	19. 51278	2. 84E-56	2. 44E-55	115. 6878
CKLF	3. 724166	4. 725972	47. 73125	7. 13E-147	7. 57E-144	324. 6959
CKLF-CMTM1	1. 664124	1. 213736	28. 64533	5. 30E-90	1. 35E-88	193. 453
P11-403P17.	1. 459367	2. 142975	18. 13915	5. 93E-51	4. 48E-50	103. 4359
CMTM1	1. 435417	0. 988563	25. 99149	1. 35E-80	2. 35E-79	171. 7582
CMTM3	3. 95548	3. 752081	40. 97389	9. 06E-129	2. 32E-126	282. 9084
RRAD	2. 08017	1. 987277	20. 07314	1. 96E-58	1. 77E-57	120. 6668
FAM96B	2. 114508	5. 838766	31. 39737	2. 34E-99	9. 43E-98	215. 0338
CES2	1. 686648	3. 800486	20. 92865	1. 02E-61	1. 00E-60	128. 2353
P11-361L15.	1. 755996	2. 976051	15. 29355	6. 08E-40	3. 67E-39	78. 09468
CBFB	2. 116009	3. 774034	32. 18825	5. 72E-102	2. 67E-100	221. 0603
C16orf70	1. 184643	2. 648062	23. 80094	1. 45E-72	1. 95E-71	153. 2366
B3GNT9	2. 144243	2. 204369	34. 03229	6. 30E-108	4. 17E-106	234. 8089

TRADD	1. 658979	4. 001335	23. 9258	4. 99E-73	6. 77E-72	154. 3062
FBXL8	-1. 16398	3. 828022	-13. 5703	2. 15E-33	1. 13E-32	63. 04278
RP11-5A19. 5	-1. 7925	2. 23219	-22. 8361	5. 88E-69	7. 08E-68	144. 9193
HSF4	-1. 0481	5. 126285	-9. 27218	2. 89E-18	1. 11E-17	28. 36433
TMEM208	1. 58172	5. 477417	25. 34881	2. 90E-78	4. 70E-77	166. 3791
TPPP3	2. 629396	4. 064514	23. 56096	1. 14E-71	1. 48E-70	151. 1765
HSD11B2	2. 248312	3. 256739	20. 20922	5. 88E-59	5. 37E-58	121. 8735
ATP6VOD1	2. 008459	5. 331093	31. 23591	8. 07E-99	3. 16E-97	213. 794
FAM65A	1. 052867	4. 660836	14. 86481	2. 67E-38	1. 56E-37	74. 3167
CTCF	1. 443223	3. 565173	27. 90835	1. 99E-87	4. 46E-86	187. 5138
RLTPR	1. 041202	1. 199709	12. 96889	3. 74E-31	1. 89E-30	57. 89466
ACD	1. 004817	3. 710986	16. 41995	2. 75E-44	1. 81E-43	88. 08879
GFOD2	1. 441175	2. 931374	29. 30749	2. 73E-92	7. 73E-91	198. 732
THAP11	1. 204079	3. 573078	23. 48379	2. 20E-71	2. 84E-70	150. 5129
NUTF2	1. 742747	5. 696428	25. 86276	3. 94E-80	6. 77E-79	170. 6845
CTRL	-6. 4924	6. 506508	-24. 1049	1. 08E-73	1. 50E-72	155. 8376
PSMB10	1. 416523	6. 27594	18. 71812	3. 38E-53	2. 69E-52	108. 6058
DPEP2	1. 714316	1. 33745	22. 75779	1. 16E-68	1. 38E-67	144. 2408
DUS2	1. 560118	2. 389722	33. 97832	9. 36E-108	6. 11E-106	234. 4125
DDX28	1. 26579	2. 201508	28. 71971	2. 92E-90	7. 55E-89	194. 0488
NFATC3	1. 25162	2. 104745	21. 86418	2. 76E-65	3. 00E-64	136. 4551
PLA2G15	1. 957625	2. 992514	32. 05968	1. 51E-101	6. 86E-100	220. 0859
SMPD3	1. 816866	1. 95949	19. 35486	1. 16E-55	9. 78E-55	114. 2822
ZFP90	1. 036342	2. 579678	19. 39478	8. 12E-56	6. 89E-55	114. 6376
CDH3	4. 996914	3. 006389	47. 58704	1. 66E-146	1. 70E-143	323. 8509
CDH1	1. 631715	5. 874426	19. 50793	2. 97E-56	2. 55E-55	115. 6446
TANGO6	1. 013881	1. 752688	25. 4657	1. 09E-78	1. 79E-77	167. 3609
HAS3	1. 447441	1. 261616	15. 53704	7. 05E-41	4. 32E-40	80. 24762
CHTF8	1. 523019	5. 088119	25. 36139	2. 61E-78	4. 24E-77	166. 4849
CIRH1A	1. 048642	3. 873597	17. 80775	1. 15E-49	8. 45E-49	100. 4751
SNTB2	1. 1008	1. 890324	22. 27667	7. 56E-67	8. 54E-66	140. 0576
P11-343C2. 1	1. 808898	2. 463601	30. 49709	2. 42E-96	8. 37E-95	208. 0784
NIP7	1. 792268	3. 209519	29. 46126	8. 08E-93	2. 34E-91	199. 95
TMED6	-3. 10939	3. 919148	-21. 4801	7. 99E-64	8. 31E-63	133. 0885
TERF2	1. 291714	3. 340491	24. 96042	7. 62E-77	1. 18E-75	163. 1058
CYB5B	2. 578294	4. 752614	39. 2066	1. 08E-123	1. 89E-121	271. 19
P11-311C24.	1. 162672	3. 784423	17. 15384	3. 95E-47	2. 76E-46	94. 63393
NQO1	5. 784598	4. 802985	59. 31773	8. 44E-174	7. 30E-170	386. 8508
DDX19B	1. 409271	3. 984894	23. 76344	2. 00E-72	2. 67E-71	152. 9152
DDX19A	1. 169775	3. 622513	22. 12087	2. 94E-66	3. 27E-65	138. 6986
ST3GAL2	1. 816627	2. 318344	28. 63148	5. 92E-90	1. 51E-88	193. 3421
COG4	1. 78475	4. 122498	28. 88426	7. 86E-91	2. 09E-89	195. 3641
SF3B3	1. 574459	5. 908473	21. 88557	2. 29E-65	2. 49E-64	136. 6422
IL34	1. 505155	1. 590295	21. 51225	6. 02E-64	6. 29E-63	133. 3706
MTSS1L	1. 684116	3. 219312	20. 54384	3. 04E-60	2. 88E-59	124. 8364
VAC14	1. 693026	3. 949207	29. 43741	9. 76E-93	2. 82E-91	199. 7613
CALB2	2. 955459	1. 722325	23. 98542	3. 00E-73	4. 11E-72	154. 8164
CHST4	1. 95069	2. 480982	16. 64392	3. 74E-45	2. 51E-44	90. 08441
IST1	1. 438474	6. 009816	20. 63725	1. 33E-60	1. 27E-59	125. 6623
P11-417N10.	1. 124472	1. 469443	17. 02262	1. 27E-46	8. 82E-46	93. 46255
ZNF821	1. 075061	1. 96475	20. 76619	4. 27E-61	4. 14E-60	126. 8015
DHX38	1. 00514	4. 420702	16. 38706	3. 69E-44	2. 42E-43	87. 79601
PSMD7	1. 757334	5. 155519	27. 93594	1. 59E-87	3. 58E-86	187. 7374
GLG1	1. 194872	5. 191964	18. 46055	3. 36E-52	2. 62E-51	106. 3066

RFWD3	1.066267	2.43419	17.54134	1.24E-48	8.92E-48	98.09487
MLKL	1.26178	3.194255	22.44519	1.75E-67	2.01E-66	141.5251
FA2H	2.933528	3.182913	30.07685	6.41E-95	2.07E-93	204.7969
ZNRF1	1.856652	3.537596	28.59926	7.66E-90	1.93E-88	193.0837
ZFP1	1.366223	1.51355	28.04818	6.43E-88	1.47E-86	188.6459
CTRB2	-7.98409	10.9407	-19.3677	1.03E-55	8.73E-55	114.3965
CTRB1	-8.1267	10.70579	-19.9318	6.87E-58	6.12E-57	119.4127
RP11-331F4.4	-8.76704	7.187469	-35.9334	7.02E-114	6.81E-112	248.5455
BCAR1	1.702988	4.914546	21.32633	3.08E-63	3.16E-62	131.7374
CFDP1	1.798376	5.142318	28.58679	8.46E-90	2.13E-88	192.9837
TMEM170A	1.187942	2.536301	23.00832	1.33E-69	1.62E-68	146.4109
GABARAPL2	1.830137	5.849295	28.92101	5.87E-91	1.57E-89	195.6575
ADAT1	1.62282	3.497352	30.6465	7.60E-97	2.70E-95	209.2398
KARS	1.44068	5.72891	22.11263	3.16E-66	3.51E-65	138.6266
TERF2IP	1.579734	4.657156	25.22602	8.13E-78	1.30E-76	165.3461
WWOX	1.102564	2.399546	23.81703	1.27E-72	1.70E-71	153.3746
MAF	2.086468	2.143729	29.52747	4.79E-93	1.41E-91	200.4737
CDYL2	1.031325	0.984754	22.34166	4.30E-67	4.90E-66	140.6239
CMC2	1.650939	4.913101	28.65915	4.74E-90	1.21E-88	193.5638
CENPN	1.983757	2.112358	32.41092	1.07E-102	5.18E-101	222.7429
P11-303E16.	1.592766	1.533579	32.44925	8.00E-103	3.92E-101	223.0319
ATMIN	1.147174	3.34209	21.52092	5.58E-64	5.83E-63	133.4468
BCO1	1.303424	0.704281	24.48214	4.36E-75	6.37E-74	159.0521
CMIP	2.401079	3.924005	32.01429	2.13E-101	9.64E-100	219.7414
PLCG2	1.554363	2.506308	20.94062	9.17E-62	9.02E-61	128.3408
HSD17B2	2.41993	4.260942	18.23559	2.51E-51	1.91E-50	104.2974
MPHOSPH6	1.92739	3.14851	31.46321	1.42E-99	5.77E-98	215.5385
CDH13	1.975639	1.271462	27.59642	2.50E-86	5.36E-85	184.98
HSBP1	2.364009	5.256428	36.06539	2.76E-114	2.76E-112	249.4832
MBTPS1	1.176605	4.796192	19.80199	2.18E-57	1.92E-56	118.2594
HSDL1	1.14454	2.536563	25.20766	9.49E-78	1.51E-76	165.1915
WFDC1	1.860724	1.317018	23.1277	4.73E-70	5.88E-69	147.4429
ATP2C2	2.535096	1.985247	26.26709	1.37E-81	2.47E-80	174.0504
TLDC1	1.843477	2.30298	21.35449	2.41E-63	2.47E-62	131.9849
COTL1	3.949014	5.234294	47.78923	5.08E-147	5.59E-144	325.0351
USP10	1.696378	3.935866	30.74952	3.42E-97	1.23E-95	210.0389
CRISPLD2	2.67015	4.132855	23.15763	3.65E-70	4.56E-69	147.7014
ZDHHC7	1.823551	4.515755	24.04057	1.87E-73	2.58E-72	155.2879
GINS2	1.577779	1.160176	31.12527	1.89E-98	7.27E-97	212.9424
C16orf74	2.175865	1.534962	20.66975	1.00E-60	9.59E-60	125.9495
EMC8	1.483197	3.561595	29.94837	1.75E-94	5.55E-93	203.7893
COX4I1	1.771682	8.355975	22.45552	1.60E-67	1.84E-66	141.6151
IRF8	2.666209	2.390997	28.45494	2.43E-89	5.98E-88	191.9252
FENDRR	1.051783	0.795181	14.30049	3.77E-36	2.10E-35	69.37426
FOXF1	1.752026	1.407091	26.47538	2.44E-82	4.53E-81	175.7767
FOXC2	1.338409	0.723107	16.52789	1.05E-44	6.99E-44	89.05031
FOXL1	3.120423	1.575381	33.25521	1.94E-105	1.11E-103	229.0667
CTD-2015G9.2	1.529668	0.743618	18.95948	3.92E-54	3.19E-53	110.7589
C16orf95	1.307216	1.983835	27.74821	7.28E-87	1.60E-85	186.2145
MAP1LC3B	2.021843	4.584636	29.32581	2.36E-92	6.71E-91	198.8773
SLC7A5	2.597019	2.81587	21.66392	1.59E-64	1.69E-63	134.7012
P11-863P13.	1.732855	0.869923	26.2752	1.28E-81	2.31E-80	174.1176
ZNF469	1.503012	0.833823	26.03156	9.66E-81	1.69E-79	172.092
ZC3H18	1.098186	3.722086	19.4573	4.66E-56	3.98E-55	115.1941

CYBA	3.362563	6.839025	31.74611	1.64E-100	7.03E-99	217.7008
MVD	1.459658	4.479305	18.60029	9.66E-53	7.62E-52	107.5541
PIEZ01	2.802741	5.213242	29.97571	1.41E-94	4.50E-93	204.0039
CDT1	2.028316	1.322311	29.79285	5.93E-94	1.83E-92	202.5668
APRT	1.256568	6.623918	16.60671	5.21E-45	3.49E-44	89.75269
GALNS	1.694066	3.408182	23.52165	1.59E-71	2.06E-70	150.8386
TRAPPC2L	1.857031	5.362663	29.03802	2.31E-91	6.29E-90	196.5903
CBFA2T3	-1.86894	2.721589	-24.6124	1.45E-75	2.14E-74	160.1587
ACSF3	1.059411	3.7053	18.68945	4.36E-53	3.46E-52	108.3499
SLC22A31	-2.36687	1.804586	-13.9701	6.72E-35	3.65E-34	66.4998
ANKRD11	1.071497	4.42914	17.25638	1.58E-47	1.11E-46	95.54954
CPNE7	2.146051	1.750276	24.44177	6.15E-75	8.93E-74	158.7089
DPEP1	-2.5907	5.483397	-21.6928	1.24E-64	1.32E-63	134.9539
CHMP1A	1.969624	5.158275	29.62176	2.28E-93	6.80E-92	201.2183
SPATA33	1.168362	2.302126	23.65948	4.88E-72	6.40E-71	152.023
VPS9D1	1.269917	3.183248	19.12395	9.06E-55	7.51E-54	112.2252
FANCA	2.20054	2.270566	31.73811	1.74E-100	7.45E-99	217.6399
SPIRE2	2.000786	2.392261	20.64196	1.28E-60	1.22E-59	125.704
P11-566K11.	1.259715	1.19957	21.51612	5.82E-64	6.08E-63	133.4046
TUBB3	4.298203	3.004039	41.74808	6.02E-131	1.85E-128	287.934
FAM101B	1.731435	1.989362	24.21003	4.41E-74	6.22E-73	156.735
FAM57A	1.828243	2.950902	29.41146	1.20E-92	3.45E-91	199.5559
GLOD4	1.385554	4.577386	24.31443	1.81E-74	2.59E-73	157.6249
ABR	1.988237	4.271591	26.61707	7.58E-83	1.43E-81	176.9482
YWHAE	1.685823	7.30752	22.11103	3.20E-66	3.56E-65	138.6127
CRK	1.304288	3.641561	23.69342	3.65E-72	4.82E-71	152.3144
PITPNA	1.139825	4.225397	19.09215	1.20E-54	9.93E-54	111.9417
SLC43A2	2.014776	2.803174	28.57989	8.94E-90	2.24E-88	192.9284
PRPF8	1.117744	5.758057	16.02512	9.25E-43	5.90E-42	84.57656
TLCD2	1.395064	1.207148	29.74104	8.92E-94	2.72E-92	202.1588
MIR22HG	1.08876	3.276406	11.83598	5.10E-27	2.37E-26	48.40511
WDR81	1.071319	3.179927	16.39831	3.34E-44	2.19E-43	87.89612
SERPINF1	2.001879	6.832609	17.55252	1.12E-48	8.08E-48	98.19479
RPA1	1.287997	4.007188	21.25768	5.63E-63	5.73E-62	131.1336
OVCA2	1.207666	4.070236	18.98895	3.02E-54	2.46E-53	111.0217
P11-667K14.	2.513999	1.284539	25.5617	4.87E-79	8.10E-78	168.1662
HIC1	1.856054	2.119943	22.34593	4.14E-67	4.72E-66	140.661
SMG6	1.464535	3.353492	25.48918	8.94E-79	1.47E-77	167.558
PAFAH1B1	1.252038	4.457834	21.03462	4.01E-62	3.98E-61	129.1696
TAX1BP3	2.476032	5.999531	30.95742	6.88E-98	2.57E-96	211.6475
P2RX5	1.302277	1.107124	11.96061	1.82E-27	8.51E-27	49.4337
ITGAE	1.324891	3.684032	22.67674	2.34E-68	2.76E-67	143.5376
P2RX1	-3.10322	3.120882	-32.6857	1.36E-103	7.02E-102	224.8106
CYB5D2	1.175005	3.224777	21.3103	3.55E-63	3.63E-62	131.5964
RP11-810M2.2	1.675747	3.042204	22.61222	4.09E-68	4.80E-67	142.9774
SPNS3	1.200091	0.904336	25.83747	4.86E-80	8.34E-79	170.4733
SPNS2	1.643377	3.950967	16.36681	4.42E-44	2.90E-43	87.61566
ARRB2	1.61023	4.198981	20.26558	3.57E-59	3.28E-58	122.3729
CXCL16	3.490027	4.683783	43.72452	2.22E-136	1.05E-133	300.4759
ZMYND15	1.325699	1.49213	24.21133	4.36E-74	6.16E-73	156.7461
TM4SF5	3.966783	2.211437	29.84332	3.99E-94	1.24E-92	202.9638
VMO1	2.167966	1.635243	30.95265	7.13E-98	2.67E-96	211.6107
PSMB6	1.804678	5.90295	28.87182	8.68E-91	2.30E-89	195.2648
SLC25A11	1.554378	4.303674	27.63384	1.84E-86	3.99E-85	185.2846

PFN1	2.718326	7.718661	33.01753	1.14E-104	6.23E-103	227.2953
SPAG7	1.404279	4.928933	24.498	3.81E-75	5.58E-74	159.187
SCIMP	1.497254	1.096283	19.65034	8.37E-57	7.28E-56	116.9114
NUP88	1.109707	4.423171	17.11632	5.52E-47	3.85E-46	94.29892
CIQBP	1.331369	5.425649	19.90697	8.57E-58	7.62E-57	119.1919
NLRP1	1.896295	3.216771	19.38997	8.48E-56	7.19E-55	114.5948
FAM64A	1.800116	0.966004	36.26737	6.61E-115	6.83E-113	250.9138
TXNDC17	1.903583	5.991471	27.17636	7.67E-85	1.55E-83	181.5492
MED31	1.143433	2.753536	22.45178	1.65E-67	1.90E-66	141.5825
SLC13A5	1.94603	1.057703	14.71383	1.01E-37	5.82E-37	72.99076
XAF1	2.395582	3.373437	19.8796	1.09E-57	9.69E-57	118.9488
P11-609D21.	1.359136	0.920105	16.48387	1.56E-44	1.03E-43	88.65817
RNASEK	1.675466	7.284593	21.95094	1.30E-65	1.42E-64	137.214
C17orf49	1.886027	5.407516	28.14037	3.06E-88	7.11E-87	189.3909
BCL6B	1.747279	1.837415	23.18809	2.81E-70	3.52E-69	147.9644
SLC16A13	1.277561	1.287617	25.32589	3.51E-78	5.69E-77	166.1865
CLEC10A	1.571797	1.359848	16.03064	8.81E-43	5.62E-42	84.62559
ASGR1	1.138074	0.987907	20.31064	2.39E-59	2.21E-58	122.7722
DLG4	1.149347	2.778678	14.2125	8.13E-36	4.49E-35	68.60717
PHF23	1.977516	3.659015	35.51028	1.43E-112	1.25E-110	245.5263
GABARAP	1.117774	8.619745	13.08536	1.38E-31	7.05E-31	58.8864
CTDNEP1	1.177754	5.9384	18.1587	4.98E-51	3.77E-50	103.6106
ELP5	1.235329	4.023025	19.25309	2.87E-55	2.40E-54	113.3758
CLDN7	1.639062	6.168527	18.15106	5.33E-51	4.04E-50	103.5424
EIF5A	1.469452	7.417697	19.33329	1.40E-55	1.18E-54	114.0901
ACAP1	1.769039	2.395582	19.63334	9.74E-57	8.45E-56	116.7603
KCTD11	1.938008	2.905512	31.40119	2.27E-99	9.16E-98	215.0631
MEM256-PLSCF	1.95457	4.045587	28.2762	1.02E-88	2.44E-87	190.4867
NLGN2	1.124083	2.701337	14.40698	1.49E-36	8.35E-36	70.30399
TMEM102	1.461011	2.289369	27.39295	1.31E-85	2.73E-84	183.3208
FGF11	1.249237	1.092184	20.42694	8.55E-60	7.99E-59	123.8021
ZBTB4	1.026102	3.719928	16.68496	2.59E-45	1.75E-44	90.45029
TNFSF12	1.399329	4.412355	20.19004	6.96E-59	6.35E-58	121.7034
FSF12-TNFSF	1.257761	0.785537	14.41102	1.43E-36	8.06E-36	70.33923
TNFSF13	2.074764	4.584099	29.83513	4.26E-94	1.32E-92	202.8994
SENP3	1.158213	4.611629	19.71109	4.88E-57	4.26E-56	117.4515
EIF4A1	1.284463	7.915719	13.67633	8.58E-34	4.57E-33	63.9571
CD68	4.680008	4.700771	38.3714	3.07E-121	4.74E-119	265.5301
MPDU1	1.39455	5.002746	23.78626	1.65E-72	2.20E-71	153.1108
TP53	1.613285	3.575382	23.41989	3.82E-71	4.89E-70	149.9629
WRAP53	1.153815	2.332712	23.43637	3.31E-71	4.25E-70	150.1048
DNAH2	1.183815	0.719599	16.84091	6.45E-46	4.40E-45	91.84109
KDM6B	1.027114	2.958392	14.68617	1.28E-37	7.40E-37	72.74814
NAA38	1.795549	5.345744	28.13655	3.15E-88	7.33E-87	189.36
TRAPPC1	1.798595	5.99021	26.54535	1.37E-82	2.57E-81	176.3555
ALOX15B	1.251778	1.179188	10.55308	1.63E-22	6.84E-22	38.08316
AURKB	2.738832	1.718713	40.45115	2.78E-127	6.24E-125	279.4782
RANGRF	1.82103	3.529287	26.3099	9.59E-82	1.74E-80	174.4056
NDEL1	1.120185	3.984447	18.03175	1.55E-50	1.16E-49	102.4765
MYH10	1.576799	2.753948	18.49753	2.42E-52	1.89E-51	106.6367
PIK3R5	1.274452	1.542399	15.21241	1.25E-39	7.46E-39	77.37833
STX8	1.471997	4.929904	24.92481	1.03E-76	1.58E-75	162.8048
GAS7	2.038813	2.121071	24.38714	9.78E-75	1.41E-73	158.244
SCO1	1.258798	2.910102	27.10407	1.39E-84	2.78E-83	180.9566

LINC00675	1.55606	0.828161	15.58485	4.61E-41	2.84E-40	80.67098
HS3ST3A1	1.184257	0.65286	17.81932	1.03E-49	7.62E-49	100.5785
HS3ST3B1	1.063106	0.914156	23.38655	5.09E-71	6.49E-70	149.6757
PMP22	2.820046	4.566178	28.62843	6.06E-90	1.54E-88	193.3176
CDRT4	-1.09808	2.352159	-10.9859	5.21E-24	2.26E-23	41.50748
TRIM16	2.867384	3.372566	37.76551	1.94E-119	2.63E-117	261.374
ZNF286A	1.012464	1.969363	17.95549	3.06E-50	2.28E-49	101.7952
UBE2SP1	1.369372	0.807904	23.80547	1.40E-72	1.87E-71	153.2755
MEIS3P1	1.034725	1.656052	15.29569	5.97E-40	3.60E-39	78.11363
TD-3157E16.	1.394205	2.775033	20.36625	1.46E-59	1.36E-58	123.2647
ADORA2B	1.862136	1.508244	24.14012	8.01E-74	1.12E-72	156.1383
CENPV	1.22578	4.057964	14.41444	1.39E-36	7.83E-36	70.36912
UBB	1.503742	9.450887	16.65714	3.32E-45	2.23E-44	90.20223
RP11-138I1.4	2.42006	5.729635	29.73634	9.25E-94	2.81E-92	202.1218
TRPV2	2.256167	3.000825	28.62945	6.01E-90	1.53E-88	193.3258
LRRC75A	1.006287	1.246796	18.86565	9.06E-54	7.31E-53	109.9221
MPRIP	1.144821	6.007577	15.26739	7.66E-40	4.61E-39	77.86371
RAI1	1.115479	3.122336	17.17846	3.17E-47	2.22E-46	94.85373
SREBF1	1.312069	4.684552	16.14879	3.08E-43	1.98E-42	85.67581
ALKBH5	1.27615	4.660724	22.51811	9.27E-68	1.08E-66	142.1595
LLGL1	1.398401	2.354293	24.21565	4.21E-74	5.94E-73	156.7829
SHMT1	1.144789	2.873914	18.10579	7.99E-51	6.02E-50	103.138
LGALS9C	1.120597	0.613207	14.46612	8.85E-37	5.00E-36	70.82089
TD-2303H24.	-1.02097	1.97804	-10.5396	1.81E-22	7.60E-22	37.97777
UBE2SP2	2.743282	1.35305	50.3573	2.14E-153	3.69E-150	339.7532
TVP23B	1.042035	4.333419	15.35975	3.39E-40	2.05E-39	78.67958
FAM83G	1.116732	2.634216	17.16249	3.65E-47	2.55E-46	94.71115
GRAP	1.730976	1.334026	26.19082	2.57E-81	4.60E-80	173.4168
SNORD3A	1.579963	5.638094	7.846796	6.59E-14	2.27E-13	18.43091
EPN2	1.00486	3.124398	17.40957	4.02E-48	2.86E-47	96.91773
MAPK7	1.195453	2.694729	20.55881	2.67E-60	2.52E-59	124.9688
MFAP4	2.383554	4.893672	18.90812	6.20E-54	5.03E-53	110.3009
ALDH3A1	2.753217	1.623537	22.51815	9.26E-68	1.08E-66	142.1598
SPECC1	2.186739	2.930111	35.40677	3.00E-112	2.59E-110	244.7844
LGALS9B	1.074012	0.551214	12.68064	4.33E-30	2.14E-29	55.45234
CDC144NL-AS	1.632708	0.945226	28.37387	4.67E-89	1.13E-87	191.2732
RP11-746M1.1	1.771058	2.975468	12.93732	4.90E-31	2.47E-30	57.62635
DHRS7B	1.476395	3.89451	27.80633	4.54E-87	1.00E-85	186.6865
TMEM11	1.270295	3.645396	25.04668	3.68E-77	5.74E-76	163.8343
MAP2K3	2.137231	4.530603	30.6443	7.73E-97	2.74E-95	209.2227
KSR1	-2.25069	4.877784	-19.0027	2.67E-54	2.18E-53	111.1447
RP11-19P22.8	-1.30734	3.046092	-11.8664	3.97E-27	1.84E-26	48.65567
LGALS9	3.985171	5.430032	40.8814	1.66E-128	4.07E-126	282.3037
TD-2008P7.9	-2.93437	2.064099	-42.683	1.54E-133	6.01E-131	293.9177
TMEM97	-1.05195	4.81255	-11.3604	2.52E-25	1.13E-24	44.51956
TMEM199	1.497521	3.138655	28.54804	1.15E-89	2.88E-88	192.6729
PIGS	1.861001	4.246278	28.87918	8.19E-91	2.17E-89	195.3236
ALDOC	2.687879	2.751844	31.09227	2.43E-98	9.32E-97	212.6881
SPAG5	2.171501	2.178736	32.79415	6.02E-104	3.16E-102	225.6243
SDF2	1.772232	4.902762	30.72004	4.30E-97	1.54E-95	209.8103
RAB34	3.460791	4.035983	37.25303	6.69E-118	8.24E-116	257.8255
RPL23A	1.035977	9.582315	11.03024	3.65E-24	1.59E-23	41.86161
TLCD1	1.695856	3.140597	25.03638	4.01E-77	6.25E-76	163.7473
TRAF4	1.345359	4.937921	16.4494	2.12E-44	1.40E-43	88.35108

FAM222B	1. 904317	2. 896897	33. 82607	2. 86E-107	1. 81E-105	233. 2923
ERAL1	1. 391843	4. 186057	26. 46828	2. 59E-82	4. 80E-81	175. 718
FLOT2	1. 936445	5. 0678	24. 82712	2. 35E-76	3. 58E-75	161. 9785
RP11-20B24. 4	1. 207721	2. 016514	17. 07777	7. 79E-47	5. 41E-46	93. 95478
MYO18A	1. 159197	4. 448752	19. 64505	8. 77E-57	7. 63E-56	116. 8644
NUFIP2	1. 357153	3. 033765	22. 59882	4. 60E-68	5. 38E-67	142. 8609
TAOK1	1. 417264	2. 322183	25. 90472	2. 78E-80	4. 79E-79	171. 0347
ABHD15	1. 149241	2. 535877	21. 87705	2. 47E-65	2. 68E-64	136. 5677
TP53I13	1. 065912	4. 809501	14. 30018	3. 78E-36	2. 10E-35	69. 37155
GIT1	1. 267613	3. 946372	21. 92712	1. 59E-65	1. 74E-64	137. 0057
NSRP1	1. 034523	3. 688895	17. 55499	1. 10E-48	7. 90E-48	98. 21684
CPD	2. 073664	3. 396511	29. 26154	3. 92E-92	1. 11E-90	198. 3674
GOSR1	1. 075135	3. 441881	19. 46188	4. 47E-56	3. 82E-55	115. 2348
AC005562. 1	1. 021655	1. 716298	22. 47898	1. 30E-67	1. 51E-66	141. 8192
CRLF3	1. 482915	2. 148004	27. 66632	1. 41E-86	3. 07E-85	185. 5489
TEFM	1. 128131	2. 152101	24. 68526	7. 80E-76	1. 16E-74	160. 7768
ADAP2	1. 23444	1. 845923	19. 10469	1. 08E-54	8. 90E-54	112. 0535
RNF135	1. 288367	3. 160686	23. 96099	3. 69E-73	5. 04E-72	154. 6074
NF1	1. 062823	2. 811078	19. 11315	9. 97E-55	8. 26E-54	112. 1289
EVI2B	2. 66897	2. 207562	26. 6459	5. 97E-83	1. 13E-81	177. 1863
EVI2A	2. 626727	1. 90596	30. 25655	1. 58E-95	5. 22E-94	206. 2028
AK4P1	1. 346816	0. 811376	20. 72457	6. 16E-61	5. 95E-60	126. 4339
COPRS	1. 325367	4. 617342	23. 11791	5. 15E-70	6. 39E-69	147. 3583
UTP6	1. 241644	4. 589509	19. 8717	1. 17E-57	1. 04E-56	118. 8786
SUZ12	1. 236313	2. 684701	22. 95637	2. 08E-69	2. 53E-68	145. 9614
ZNF207	1. 266553	5. 421381	18. 4192	4. 87E-52	3. 78E-51	105. 9373
PSMD11	1. 832213	4. 773631	29. 64	1. 97E-93	5. 92E-92	201. 3623
CDK5R1	1. 056559	1. 015117	17. 3211	8. 86E-48	6. 27E-47	96. 12756
MYO1D	1. 961377	4. 459561	24. 47652	4. 58E-75	6. 68E-74	159. 0044
TMEM98	1. 201921	5. 338719	15. 15537	2. 06E-39	1. 23E-38	76. 87511
SPACA3	-1. 24069	1. 083143	-17. 5014	1. 77E-48	1. 27E-47	97. 73789
CCL2	1. 201671	5. 171457	7. 185443	4. 81E-12	1. 57E-11	14. 19908
CCL11	1. 209538	1. 362666	12. 05696	8. 15E-28	3. 85E-27	50. 23178
CCL13	2. 130459	1. 340118	20. 04378	2. 55E-58	2. 29E-57	120. 4062
ZNF830	1. 291232	2. 873103	25. 71319	1. 37E-79	2. 32E-78	169. 4347
RFFL	1. 305414	3. 121864	21. 76465	6. 60E-65	7. 08E-64	135. 5838
SLFN5	2. 004091	2. 011774	28. 94619	4. 80E-91	1. 29E-89	195. 8583
SLFN11	1. 499801	2. 456836	17. 23538	1. 91E-47	1. 34E-46	95. 36198
P11-686D22.	1. 156656	0. 975324	23. 75403	2. 17E-72	2. 89E-71	152. 8344
P11-686D22.	1. 07838	1. 099615	23. 26117	1. 50E-70	1. 89E-69	148. 595
SLFN12	1. 294354	1. 499315	23. 99182	2. 84E-73	3. 90E-72	154. 8711
SLFN13	1. 808411	2. 067849	15. 22848	1. 08E-39	6. 48E-39	77. 52019
11-1094M14.	1. 26392	2. 049752	26. 99357	3. 43E-84	6. 80E-83	180. 0496
AP2B1	2. 255881	4. 799437	33. 56449	1. 97E-106	1. 19E-104	231. 361
TAF15	1. 297278	5. 805385	19. 76229	3. 10E-57	2. 72E-56	117. 9066
MMP28	4. 671016	2. 941952	45. 53306	3. 35E-141	2. 42E-138	311. 6021
CCL5	3. 45502	2. 806946	33. 99161	8. 49E-108	5. 57E-106	234. 5101
CCL15-CCL14	2. 593367	1. 644243	22. 96753	1. 89E-69	2. 30E-68	146. 058
CCL15	1. 829315	0. 964248	17. 08191	7. 50E-47	5. 21E-46	93. 9918
CCL18	4. 713159	2. 391339	34. 25448	1. 24E-108	8. 64E-107	236. 4372
CCL3	2. 337323	1. 652786	25. 59647	3. 64E-79	6. 08E-78	168. 4575
CCL4	2. 199256	1. 931598	23. 60844	7. 56E-72	9. 87E-71	151. 5846
CCL3L3	1. 36609	0. 86421	18. 37273	7. 37E-52	5. 70E-51	105. 5223
CCL4L2	2. 26997	1. 422999	24. 21882	4. 09E-74	5. 79E-73	156. 8099

ZNHIT3	1. 132469	4. 477454	19. 16277	6. 41E-55	5. 33E-54	112. 5711
PIGW	1. 058235	1. 88205	21. 10949	2. 07E-62	2. 08E-61	129. 8292
AATF	1. 490987	4. 531437	22. 2587	8. 84E-67	9. 98E-66	139. 9009
ACACA	1. 270421	3. 077287	22. 15827	2. 12E-66	2. 37E-65	139. 025
DUSP14	1. 958061	2. 652584	31. 8594	6. 91E-101	3. 03E-99	218. 564
ARHGAP23	2. 552243	2. 491919	27. 98233	1. 09E-87	2. 48E-86	188. 1131
AC124789. 1	1. 657647	1. 087587	16. 10937	4. 37E-43	2. 81E-42	85. 32532
PCGF2	1. 784433	4. 250211	21. 07576	2. 79E-62	2. 78E-61	129. 5321
PSMB3	2. 654404	6. 230578	36. 26715	6. 62E-115	6. 83E-113	250. 9122
PIP4K2B	1. 114077	3. 380386	19. 56861	1. 73E-56	1. 49E-55	116. 1845
RPL23	1. 023105	9. 968496	10. 46643	3. 22E-22	1. 34E-21	37. 40552
LASP1	2. 175001	5. 45987	30. 16154	3. 31E-95	1. 08E-93	205. 46
PLXDC1	2. 118362	2. 623747	25. 67749	1. 85E-79	3. 11E-78	169. 1359
CACNB1	1. 224177	2. 07389	16. 13882	3. 37E-43	2. 17E-42	85. 5872
RPL19	1. 072251	10. 49951	10. 80734	2. 17E-23	9. 30E-23	40. 08696
CTB-131K11. 1	1. 354006	2. 534844	23. 8693	8. 09E-73	1. 09E-71	153. 8224
MED1	1. 561116	2. 686837	30. 62634	8. 89E-97	3. 15E-95	209. 0833
CDK12	1. 086027	3. 157825	18. 6447	6. 50E-53	5. 14E-52	107. 9505
PPP1R1B	1. 364602	5. 451478	8. 891808	4. 63E-17	1. 72E-16	25. 61407
STARD3	1. 081055	4. 774582	15. 01628	7. 03E-39	4. 15E-38	75. 64938
PGAP3	1. 167202	4. 188577	15. 84734	4. 49E-42	2. 82E-41	82. 99792
ERBB2	2. 00264	5. 074062	23. 19399	2. 67E-70	3. 35E-69	148. 0153
MIEN1	1. 493542	5. 22179	20. 78534	3. 61E-61	3. 50E-60	126. 9706
IKZF3	1. 163873	0. 74356	16. 69606	2. 35E-45	1. 58E-44	90. 54924
GSDMB	2. 186621	4. 080313	21. 11335	2. 00E-62	2. 01E-61	129. 8631
PSMD3	1. 3762	5. 247159	22. 08912	3. 88E-66	4. 30E-65	138. 4214
NR1D1	1. 20186	3. 491145	11. 29974	4. 13E-25	1. 84E-24	44. 02858
RAPGEFL1	2. 287419	3. 236467	20. 74645	5. 08E-61	4. 92E-60	126. 6272
WIPF2	1. 185641	2. 927234	22. 05568	5. 19E-66	5. 73E-65	138. 1293
CDC6	1. 455399	1. 394775	22. 18006	1. 75E-66	1. 97E-65	139. 2151
RARA	2. 503917	3. 73964	35. 06573	3. 47E-111	2. 82E-109	242. 3307
RARA-AS1	1. 260452	1. 228486	27. 03633	2. 41E-84	4. 82E-83	180. 4008
TD-2267D19.	1. 320152	1. 572139	30. 37364	6. 33E-96	2. 14E-94	207. 1167
TOP2A	3. 476377	2. 01708	47. 85173	3. 53E-147	3. 96E-144	325. 4004
IGFBP4	2. 950753	7. 14829	26. 86082	1. 02E-83	1. 99E-82	178. 958
RP11-5809. 2	1. 486526	0. 720368	19. 69766	5. 50E-57	4. 80E-56	117. 3321
TNS4	4. 550337	2. 277912	36. 09975	2. 16E-114	2. 18E-112	249. 7269
CCR7	1. 695554	1. 125572	15. 72202	1. 37E-41	8. 50E-41	81. 88637
SMARCE1	1. 859176	5. 240594	28. 83759	1. 14E-90	3. 00E-89	194. 9914
KRT20	1. 55974	0. 797289	8. 789613	9. 65E-17	3. 56E-16	24. 88687
KRT23	3. 352415	2. 589946	22. 67192	2. 44E-68	2. 88E-67	143. 4957
KRT15	2. 981392	2. 280856	27. 53563	4. 09E-86	8. 72E-85	184. 4849
KRT19	6. 470575	7. 154498	52. 04878	1. 85E-157	4. 47E-154	349. 1323
KRT14	1. 052622	1. 453907	6. 514578	2. 86E-10	8. 82E-10	10. 18413
KRT16	4. 93835	2. 620128	30. 87914	1. 26E-97	4. 64E-96	211. 0425
KRT17	7. 336215	4. 388286	45. 051	6. 26E-140	3. 91E-137	308. 6683
JUP	3. 005262	6. 033959	36. 4537	1. 78E-115	1. 90E-113	252. 2292
P3H4	1. 370476	3. 566357	21. 50551	6. 39E-64	6. 66E-63	133. 3115
FKBP10	2. 921007	4. 55771	31. 01041	4. 57E-98	1. 73E-96	212. 0567
ACLY	1. 500813	4. 720194	21. 22162	7. 73E-63	7. 85E-62	130. 8163
CNP	1. 933363	4. 529356	33. 0271	1. 06E-104	5. 83E-103	227. 3668
DNAJC7	1. 621648	5. 359884	25. 70509	1. 47E-79	2. 48E-78	169. 3669
NKIRAS2	2. 017537	3. 641973	35. 52583	1. 28E-112	1. 12E-110	245. 6376
DHX58	1. 655835	3. 350959	22. 69275	2. 04E-68	2. 41E-67	143. 6765

RAB5C	2. 107065	5. 730625	31. 10646	2. 18E-98	8. 38E-97	212. 7975
GHDC	1. 114832	4. 102396	18. 19968	3. 45E-51	2. 63E-50	103. 9767
STAT5A	1. 552861	3. 463181	23. 48674	2. 15E-71	2. 77E-70	150. 5382
STAT3	1. 096635	5. 382066	12. 39754	4. 72E-29	2. 28E-28	53. 07119
PTRF	3. 122153	4. 927468	33. 60433	1. 46E-106	8. 90E-105	231. 6557
ATP6V0A1	1. 327338	4. 344051	19. 79519	2. 31E-57	2. 04E-56	118. 199
P11-400F19.	1. 136167	2. 699746	22. 06244	4. 89E-66	5. 41E-65	138. 1884
TUBG2	-1. 41581	4. 392448	-13. 0328	2. 17E-31	1. 10E-30	58. 43832
PLEKHH3	-1. 01565	4. 766554	-10. 1563	3. 61E-21	1. 48E-20	35. 00265
RAMP2	2. 178559	3. 762292	25. 04624	3. 69E-77	5. 76E-76	163. 8306
VPS25	1. 586496	5. 018875	26. 79995	1. 68E-83	3. 26E-82	178. 4568
BECN1	1. 732882	4. 918082	29. 35157	1. 92E-92	5. 48E-91	199. 0815
PSME3	1. 514539	4. 672072	23. 65523	5. 06E-72	6. 64E-71	151. 9865
AOC3	2. 290961	3. 160808	24. 01423	2. 34E-73	3. 22E-72	155. 0627
LINC00671	-2. 88182	2. 202155	-24. 4187	7. 48E-75	1. 08E-73	158. 5123
RUNDC1	1. 233851	2. 580201	27. 63297	1. 85E-86	4. 01E-85	185. 2775
RPL27	1. 228535	10. 16117	12. 57021	1. 10E-29	5. 39E-29	54. 52137
IFI35	2. 835676	4. 244883	35. 80033	1. 81E-113	1. 69E-111	247. 5984
VAT1	1. 952475	5. 606538	26. 4342	3. 43E-82	6. 33E-81	175. 4358
BRCA1	1. 285637	1. 357518	26. 82794	1. 34E-83	2. 59E-82	178. 6873
NBR1	1. 821723	4. 505643	29. 10092	1. 40E-91	3. 86E-90	197. 091
TMEM106A	1. 012439	1. 671606	23. 05092	9. 18E-70	1. 13E-68	146. 7793
ARL4D	2. 169705	1. 928913	25. 57749	4. 27E-79	7. 11E-78	168. 2985
DHX8	1. 831564	3. 705048	34. 93759	8. 73E-111	6. 93E-109	241. 4051
ETV4	2. 43088	3. 011533	24. 7682	3. 86E-76	5. 84E-75	161. 4797
MEOX1	1. 402793	1. 296949	16. 63777	3. 95E-45	2. 65E-44	90. 02961
DUSP3	1. 326301	4. 412758	20. 81702	2. 73E-61	2. 65E-60	127. 2502
PPY	2. 464003	5. 208098	7. 707137	1. 66E-13	5. 67E-13	17. 51582
NAGS	1. 827085	1. 238202	29. 24863	4. 35E-92	1. 22E-90	198. 265
LSM12	1. 551933	3. 950197	29. 34163	2. 08E-92	5. 92E-91	199. 0026
G6PC3	1. 465272	5. 122455	23. 9727	3. 34E-73	4. 57E-72	154. 7075
HDAC5	1. 099885	4. 170686	17. 22613	2. 07E-47	1. 45E-46	95. 27944
C17orf53	1. 052867	0. 744868	28. 18185	2. 19E-88	5. 13E-87	189. 7258
TMUB2	1. 123852	4. 554638	18. 79081	1. 77E-53	1. 41E-52	109. 2544
ATXN7L3	1. 454399	4. 018552	24. 05611	1. 64E-73	2. 27E-72	155. 4207
SLC25A39	1. 20677	6. 286909	16. 79034	1. 01E-45	6. 88E-45	91. 38997
GRN	3. 415016	6. 74123	42. 45112	6. 71E-133	2. 45E-130	292. 4421
FZD2	1. 917577	1. 55536	34. 86529	1. 47E-110	1. 14E-108	240. 882
CCDC43	1. 470811	2. 916049	32. 25003	3. 59E-102	1. 69E-100	221. 5277
GJC1	1. 070737	1. 066199	21. 30619	3. 68E-63	3. 76E-62	131. 5602
EFTUD2	1. 841125	4. 568776	31. 6455	3. 52E-100	1. 49E-98	216. 933
KIF18B	1. 556672	0. 877309	31. 70039	2. 32E-100	9. 85E-99	217. 3521
DCAKD	1. 152938	3. 351722	21. 71812	9. 92E-65	1. 06E-63	135. 1762
NMT1	1. 165263	4. 553082	18. 13396	6. 21E-51	4. 69E-50	103. 3896
PLCD3	3. 595505	3. 555149	39. 90469	1. 03E-125	2. 05E-123	275. 8603
HEXIM1	1. 365402	3. 620985	22. 53354	8. 10E-68	9. 42E-67	142. 2936
TD-2020K17.	1. 067394	1. 281795	12. 45563	2. 90E-29	1. 40E-28	53. 55831
FMNL1	2. 272744	3. 199777	23. 50563	1. 83E-71	2. 36E-70	150. 7008
ARHGAP27	2. 623464	3. 68099	30. 33789	8. 36E-96	2. 81E-94	206. 8379
CTB-39G8. 3	1. 465488	1. 260049	18. 67255	5. 07E-53	4. 02E-52	108. 1991
PLEKHM1	1. 648416	3. 354059	26. 59155	9. 35E-83	1. 77E-81	176. 7374
ARL17B	1. 001566	1. 514319	18. 65189	6. 10E-53	4. 82E-52	108. 0147
CDC27	1. 499175	3. 414937	25. 59416	3. 71E-79	6. 20E-78	168. 4382
ITGB3	1. 48736	0. 960299	23. 54373	1. 32E-71	1. 71E-70	151. 0285

KPNB1	1.433495	5.484865	19.48743	3.56E-56	3.05E-55	115.4623
RP11-138C9.1	1.726774	3.17154	15.05392	5.05E-39	2.99E-38	75.98094
SP6	1.3572	0.854849	23.99627	2.73E-73	3.75E-72	154.9091
RP11-6N17.4	1.595386	2.05879	27.51648	4.78E-86	1.02E-84	184.3288
SP2	1.083568	2.795867	21.08614	2.55E-62	2.54E-61	129.6235
PNPO	1.121901	2.960096	21.15179	1.43E-62	1.44E-61	130.2017
RP11-6N17.6	1.779954	1.440101	16.80602	8.81E-46	5.99E-45	91.52987
COPZ2	1.934457	4.015393	25.30171	4.31E-78	6.94E-77	165.9831
NFE2L1	2.232037	5.14595	31.66624	3.01E-100	1.27E-98	217.0914
RP5-890E16.4	1.168772	0.797596	9.099487	1.03E-17	3.88E-17	27.10731
CBX1	1.720844	3.987972	27.10478	1.38E-84	2.77E-83	180.9624
SNX11	1.370864	3.1654	28.43616	2.83E-89	6.93E-88	191.7742
SKAP1	2.107273	2.478523	24.18855	5.30E-74	7.47E-73	156.5517
HOXB2	2.462363	2.560436	29.23551	4.82E-92	1.35E-90	198.1608
HOXB-AS1	1.442508	1.094419	25.46643	1.08E-78	1.78E-77	167.3671
HOXB3	1.935173	2.485709	22.4015	2.55E-67	2.93E-66	141.1449
HOXB-AS3	2.305838	1.569186	30.7365	3.79E-97	1.36E-95	209.938
HOXB4	1.181666	1.127317	21.95367	1.26E-65	1.38E-64	137.2379
HOXB5	2.347065	1.522242	34.92564	9.51E-111	7.53E-109	241.3186
HOXB6	2.91761	2.003608	33.90576	1.59E-107	1.03E-105	233.879
HOXB7	3.439387	2.190432	40.96958	9.32E-129	2.38E-126	282.8802
HOXB8	1.135531	0.603257	14.47261	8.36E-37	4.73E-36	70.8777
HOXB9	1.815895	0.876767	20.79216	3.40E-61	3.30E-60	127.0308
P11-357H14.1	1.856189	0.892128	19.66353	7.45E-57	6.48E-56	117.0287
TD-2377D24.	3.156961	1.515215	20.47655	5.51E-60	5.18E-59	124.2411
CALCOCO2	1.12094	5.15664	14.9418	1.36E-38	7.96E-38	74.9938
ATP5G1	1.722733	6.152041	24.3802	1.04E-74	1.49E-73	158.185
UBE2Z	1.851989	4.748653	29.77966	6.58E-94	2.03E-92	202.4629
SNF8	1.433647	5.692889	22.49178	1.16E-67	1.35E-66	141.9304
GNGT2	1.458494	1.236861	24.41739	7.56E-75	1.09E-73	158.5014
ABI3	2.015213	2.304313	26.92546	5.99E-84	1.18E-82	179.4898
ZNF652	1.148626	3.321873	21.9492	1.32E-65	1.44E-64	137.1988
PHB	2.056653	5.85173	31.61528	4.43E-100	1.86E-98	216.7021
EIF4EP2	1.141613	1.550801	15.25545	8.52E-40	5.12E-39	77.75824
NXPH3	1.069269	0.789039	19.76241	3.09E-57	2.72E-56	117.9077
SPOP	1.121307	4.108068	19.4659	4.32E-56	3.69E-55	115.2707
SLC35B1	1.063659	5.035449	16.77164	1.20E-45	8.12E-45	91.22319
KAT7	1.048933	3.185756	19.42211	6.37E-56	5.42E-55	114.8809
ITGA3	3.677099	5.23017	34.51914	1.81E-109	1.33E-107	238.3686
RP5-875H18.9	1.056096	0.537665	15.80343	6.63E-42	4.16E-41	82.60837
SAMD14	1.420423	0.987459	30.65113	7.34E-97	2.61E-95	209.2757
PPP1R9B	1.593551	3.874473	26.01964	1.07E-80	1.87E-79	171.9927
SGCA	1.188403	1.303154	14.62031	2.29E-37	1.31E-36	72.1707
COL1A1	6.365447	6.863645	42.54559	3.68E-133	1.37E-130	293.044
TMEM92	3.891884	2.3702	47.52887	2.33E-146	2.27E-143	323.5095
XYLT2	1.289703	3.306285	25.09102	2.53E-77	3.97E-76	164.2084
MRPL27	1.63989	5.235934	26.49362	2.10E-82	3.90E-81	175.9277
CHAD	-2.44892	2.069719	-27.7069	1.02E-86	2.22E-85	185.8787
P11-294J22.	1.069601	0.856966	10.81521	2.04E-23	8.74E-23	40.14932
LINC00483	1.675356	0.828776	14.35487	2.34E-36	1.31E-35	69.84887
NME1	1.746168	5.429497	22.80221	7.89E-69	9.44E-68	144.626
NME2	1.67737	3.573016	20.70369	7.41E-61	7.14E-60	126.2495
NME1-NME2	1.58057	8.499022	17.98527	2.35E-50	1.75E-49	102.0612
UTP18	1.295886	3.883059	24.20424	4.64E-74	6.54E-73	156.6855

MMD	2. 394022	2. 170807	34. 13844	2. 90E-108	1. 96E-106	235. 5875
PCTP	1. 476516	3. 107032	26. 45054	3. 00E-82	5. 55E-81	175. 5711
NOG	1. 061147	0. 582895	18. 84496	1. 09E-53	8. 78E-53	109. 7375
SCPEP1	2. 133733	4. 381402	25. 81686	5. 78E-80	9. 88E-79	170. 3012
AKAP1	1. 550632	4. 065799	22. 8242	6. 52E-69	7. 82E-68	144. 8167
MSI2	1. 385007	3. 236733	23. 16385	3. 46E-70	4. 33E-69	147. 7551
MRPS23	1. 422029	4. 259204	22. 79039	8. 74E-69	1. 04E-67	144. 5235
CUEDC1	1. 442138	4. 234057	19. 65765	7. 84E-57	6. 83E-56	116. 9764
SRSF1	1. 132146	5. 639329	15. 8639	3. 88E-42	2. 44E-41	83. 14488
DYNLL2	1. 477283	3. 483098	28. 98261	3. 59E-91	9. 70E-90	196. 1488
BZRAP1	-1. 1316	3. 558303	-13. 2738	2. 75E-32	1. 43E-31	60. 49647
SUPT4H1	1. 732448	5. 091309	28. 03305	7. 26E-88	1. 66E-86	188. 5235
4-Sep	1. 344101	3. 068485	17. 32433	8. 61E-48	6. 09E-47	96. 15641
RAD51C	1. 260974	3. 219182	23. 75997	2. 06E-72	2. 75E-71	152. 8854
TRIM37	1. 316089	2. 284331	27. 18105	7. 38E-85	1. 49E-83	181. 5876
SKA2	2. 004301	3. 405345	33. 38655	7. 33E-106	4. 31E-104	230. 0424
PRR11	1. 92494	1. 102392	32. 70786	1. 15E-103	5. 97E-102	224. 9771
CTD-2510F5. 4	1. 116444	0. 583649	22. 72695	1. 51E-68	1. 80E-67	143. 9733
SMG8	1. 130444	2. 0602	20. 6948	8. 02E-61	7. 71E-60	126. 1709
CLTC	2. 201592	5. 649162	33. 29788	1. 41E-105	8. 18E-104	229. 3839
PTRH2	1. 652845	3. 701849	27. 56202	3. 30E-86	7. 06E-85	184. 6999
VMP1	2. 044213	6. 096236	19. 19298	4. 90E-55	4. 08E-54	112. 8403
WFDC21P	2. 794472	1. 896738	31. 53373	8. 26E-100	3. 41E-98	216. 0785
CA4	-1. 989	2. 619615	-16. 4259	2. 61E-44	1. 72E-43	88. 14157
USP32	1. 579846	2. 947245	30. 68046	5. 84E-97	2. 08E-95	209. 5034
BCAS3	1. 246692	2. 677306	25. 68853	1. 69E-79	2. 84E-78	169. 2283
TBX2	1. 255703	2. 211489	17. 99804	2. 09E-50	1. 57E-49	102. 1753
MED13	1. 129851	2. 552761	21. 12067	1. 88E-62	1. 88E-61	129. 9277
METTL2A	1. 160117	2. 634139	23. 76189	2. 03E-72	2. 71E-71	152. 9018
TLK2	1. 436248	3. 27099	26. 7866	1. 88E-83	3. 62E-82	178. 3468
P11-464D20.	1. 658954	1. 357303	28. 96202	4. 23E-91	1. 14E-89	195. 9846
MRC2	3. 58455	3. 74146	35. 64047	5. 64E-113	5. 12E-111	246. 4576
TANC2	1. 636955	1. 998815	23. 26779	1. 41E-70	1. 79E-69	148. 6521
ACE	2. 627956	2. 943798	36. 3792	3. 01E-115	3. 16E-113	251. 7037
DCAF7	1. 509661	3. 66173	25. 94854	1. 93E-80	3. 35E-79	171. 4002
TACO1	1. 322545	3. 166823	26. 43812	3. 32E-82	6. 14E-81	175. 4683
LIMD2	2. 385237	3. 215629	24. 63732	1. 17E-75	1. 74E-74	160. 3701
RP11-51F16. 1	1. 102945	0. 727041	24. 10615	1. 07E-73	1. 49E-72	155. 8482
CCDC47	1. 504892	4. 808806	21. 0019	5. 34E-62	5. 30E-61	128. 8812
FTSJ3	1. 085553	3. 906435	17. 51477	1. 57E-48	1. 13E-47	97. 8575
PSMC5	1. 60189	6. 143632	22. 09294	3. 75E-66	4. 16E-65	138. 4547
CD79B	2. 048681	1. 611401	16. 06024	6. 77E-43	4. 33E-42	84. 88862
PRR29	1. 000089	0. 873741	21. 38393	1. 86E-63	1. 91E-62	132. 2436
ICAM2	2. 10311	3. 794159	29. 25885	4. 01E-92	1. 13E-90	198. 3461
SNHG25	-1. 36646	1. 587626	-12. 3857	5. 21E-29	2. 52E-28	52. 9719
PECAM1	2. 215566	3. 942479	23. 65795	4. 94E-72	6. 49E-71	152. 0098
MILR1	2. 074098	1. 784424	25. 94184	2. 04E-80	3. 54E-79	171. 3443
SMURF2	1. 351386	2. 637325	22. 569	5. 96E-68	6. 94E-67	142. 6018
P13-104F24.	1. 370792	3. 062386	14. 4788	7. 92E-37	4. 48E-36	70. 93176
GNA13	2. 119106	3. 067483	33. 14748	4. 32E-105	2. 43E-103	228. 2647
RP11-16005. 1	1. 171701	1. 3007	25. 39119	2. 03E-78	3. 31E-77	166. 7352
AXIN2	1. 391393	2. 066996	18. 57558	1. 20E-52	9. 47E-52	107. 3336
PRKCA	1. 481013	2. 259008	24. 8085	2. 75E-76	4. 18E-75	161. 8209
CACNG4	1. 796183	1. 071102	15. 85971	4. 02E-42	2. 53E-41	83. 10775

PSMD12	1. 119501	3. 701305	18. 09769	8. 59E-51	6. 47E-50	103. 0655
NOL11	1. 446484	3. 768908	26. 04726	8. 48E-81	1. 49E-79	172. 2227
KPNA2	2. 920204	3. 410258	41. 95596	1. 58E-131	5. 18E-129	289. 2725
AMZ2	1. 379049	4. 674939	22. 87834	4. 08E-69	4. 93E-68	145. 2858
PRKAR1A	1. 756195	5. 265428	22. 54075	7. 61E-68	8. 86E-67	142. 3563
FAM20A	2. 252334	2. 303953	24. 14373	7. 76E-74	1. 09E-72	156. 1692
ABCA5	-1. 62327	3. 830453	-20. 9593	7. 78E-62	7. 67E-61	128. 5055
SNRPGP4	-1. 53562	1. 161996	-20. 2181	5. 43E-59	4. 96E-58	121. 9526
KCNJ16	-1. 59425	2. 844246	-12. 4103	4. 24E-29	2. 05E-28	53. 17836
AC005152. 3	-1. 80085	1. 66565	-19. 7147	4. 72E-57	4. 13E-56	117. 4841
LINC01152	-1. 08738	1. 06637	-22. 0043	8. 13E-66	8. 94E-65	137. 6801
SOX9-AS1	-1. 14265	2. 360874	-14. 6269	2. 16E-37	1. 24E-36	72. 22872
SOX9	1. 690557	4. 278226	21. 77778	5. 89E-65	6. 32E-64	135. 6988
LINC00511	2. 797571	3. 208858	35. 06489	3. 49E-111	2. 84E-109	242. 3246
TD-3010D24.	1. 048635	0. 629242	20. 3005	2. 62E-59	2. 41E-58	122. 6823
SLC39A11	2. 081645	3. 692017	34. 53157	1. 65E-109	1. 21E-107	238. 4591
FAM104A	1. 226629	3. 217237	24. 21251	4. 32E-74	6. 10E-73	156. 7561
RPL38	1. 143785	9. 918737	11. 47473	9. 94E-26	4. 48E-25	45. 44764
CD300A	2. 671323	2. 208192	34. 58716	1. 10E-109	8. 15E-108	238. 8637
CD300C	1. 24857	0. 865038	24. 22514	3. 88E-74	5. 49E-73	156. 8638
RAB37	1. 221956	1. 409507	16. 38034	3. 92E-44	2. 57E-43	87. 73611
CD300LF	2. 092494	1. 300388	28. 47585	2. 06E-89	5. 07E-88	192. 0932
RP11-452I5. 2	1. 070536	1. 639991	11. 332	3. 18E-25	1. 42E-24	44. 28957
SLC9A3R1	1. 386862	5. 646181	17. 49946	1. 80E-48	1. 29E-47	97. 72072
CDR2L	2. 958194	2. 760977	41. 54792	2. 19E-130	6. 37E-128	286. 6409
ICT1	1. 142103	4. 027331	19. 64061	9. 13E-57	7. 93E-56	116. 8249
KCTD2	1. 296212	3. 097288	24. 45796	5. 36E-75	7. 80E-74	158. 8466
ATP5H	1. 620238	7. 123946	21. 82608	3. 86E-65	4. 16E-64	136. 1217
SLC16A5	2. 589851	2. 69707	27. 88994	2. 31E-87	5. 17E-86	187. 3646
ARMC7	1. 843072	2. 729339	36. 27352	6. 33E-115	6. 55E-113	250. 9573
NT5C	1. 258417	5. 068474	13. 08771	1. 36E-31	6. 91E-31	58. 90636
HN1	4. 752477	5. 39569	54. 47348	4. 18E-163	1. 81E-159	362. 1646
SUM02	2. 374454	6. 740559	31. 77175	1. 35E-100	5. 82E-99	217. 8963
NUP85	1. 034993	4. 482399	13. 74108	4. 90E-34	2. 62E-33	64. 51636
MRPS7	1. 305308	4. 801447	21. 52756	5. 27E-64	5. 51E-63	133. 505
SLC25A19	1. 209258	2. 727275	22. 06074	4. 97E-66	5. 49E-65	138. 1735
GRB2	2. 09598	4. 597305	34. 61816	8. 80E-110	6. 55E-108	239. 0891
MYO15B	1. 046168	5. 334764	9. 307331	2. 23E-18	8. 56E-18	28. 62186
SMIM5	1. 39632	1. 709718	16. 59825	5. 62E-45	3. 75E-44	89. 67727
SMIM6	1. 767075	2. 451043	22. 42974	2. 00E-67	2. 30E-66	141. 3907
SAP30BP	1. 191205	5. 349201	18. 34552	9. 39E-52	7. 25E-51	105. 2793
ITGB4	4. 807727	5. 36148	47. 5665	1. 87E-146	1. 85E-143	323. 7304
H3F3B	1. 862668	8. 638355	18. 98231	3. 20E-54	2. 61E-53	110. 9625
UNC13D	2. 351225	3. 528492	24. 077	1. 37E-73	1. 90E-72	155. 5993
TRIM47	2. 6752	4. 458005	25. 41291	1. 69E-78	2. 77E-77	166. 9177
TEN1	1. 01045	4. 118291	15. 78143	8. 06E-42	5. 04E-41	82. 41319
EVPL	2. 935659	2. 468113	31. 96417	3. 12E-101	1. 39E-99	219. 3607
P11-449J21.	-1. 10453	2. 146241	-16. 1364	3. 44E-43	2. 21E-42	85. 56596
FOXJ1	1. 613798	1. 069806	14. 9218	1. 62E-38	9. 48E-38	74. 81782
UBALD2	2. 353064	5. 169255	27. 81137	4. 36E-87	9. 65E-86	186. 7273
SPHK1	1. 975277	3. 75958	21. 03442	4. 01E-62	3. 99E-61	129. 1678
RHBDF2	1. 397977	4. 144722	18. 1575	5. 04E-51	3. 81E-50	103. 5999
CYGB	2. 117298	3. 526045	24. 63951	1. 15E-75	1. 71E-74	160. 3887
ST6GALNAC1	4. 129678	2. 550246	36. 48133	1. 47E-115	1. 57E-113	252. 4239

MXRA7	1. 685041	5. 413021	18. 27452	1. 77E-51	1. 36E-50	104. 6452
JMJD6	1. 150092	4. 305784	16. 78589	1. 05E-45	7. 15E-45	91. 3503
MFS11	1. 468498	3. 347358	26. 30095	1. 03E-81	1. 87E-80	174. 3313
SEC14L1	1. 263009	4. 189015	18. 99136	2. 95E-54	2. 41E-53	111. 0432
9-Sep	3. 142443	5. 501258	40. 65931	7. 08E-128	1. 65E-125	280. 8477
TNRC6C-AS1	1. 099679	2. 219336	15. 60832	3. 75E-41	2. 31E-40	80. 87879
TMC6	2. 262098	4. 398668	26. 67088	4. 86E-83	9. 27E-82	177. 3925
TMC8	1. 919347	1. 908189	22. 0843	4. 04E-66	4. 48E-65	138. 3793
SYNGR2	1. 754182	7. 003877	22. 03061	6. 46E-66	7. 12E-65	137. 9103
TK1	3. 079941	3. 014456	39. 29101	6. 15E-124	1. 08E-121	271. 7576
BIRC5	2. 55228	1. 718954	24. 50955	3. 46E-75	5. 07E-74	159. 2851
SOCS3	2. 544395	4. 422532	19. 51854	2. 70E-56	2. 32E-55	115. 739
CYTH1	1. 37831	4. 502842	18. 18313	4. 01E-51	3. 04E-50	103. 8289
TIMP2	2. 941843	6. 237615	29. 86226	3. 44E-94	1. 07E-92	203. 1127
LGALS3BP	4. 047444	6. 70139	43. 72483	2. 21E-136	1. 05E-133	300. 4778
CANT1	2. 278386	4. 191915	31. 59957	5. 00E-100	2. 09E-98	216. 5821
C1QTNF1	2. 576337	3. 791964	27. 85642	3. 03E-87	6. 75E-86	187. 0928
CBX8	1. 078777	1. 703038	22. 71775	1. 64E-68	1. 95E-67	143. 8935
P11-353N14.	1. 241784	0. 985068	17. 70537	2. 86E-49	2. 09E-48	99. 56041
GAA	1. 298473	4. 699697	17. 72351	2. 43E-49	1. 78E-48	99. 72244
EIF4A3	1. 828951	4. 791069	28. 01704	8. 26E-88	1. 89E-86	188. 394
RNF213	1. 409867	4. 902119	17. 42747	3. 43E-48	2. 44E-47	97. 07761
NPTX1	1. 794855	0. 991259	22. 8889	3. 72E-69	4. 51E-68	145. 3772
RPTOR	1. 145844	2. 483451	24. 47252	4. 73E-75	6. 90E-74	158. 9704
CHMP6	1. 25684	3. 582796	21. 82655	3. 84E-65	4. 15E-64	136. 1258
BAIAP2-AS1	1. 614357	2. 095499	29. 74405	8. 71E-94	2. 66E-92	202. 1825
BAIAP2	2. 966964	3. 767978	37. 72582	2. 55E-119	3. 43E-117	261. 1003
CEP131	1. 090744	2. 626329	15. 87754	3. 43E-42	2. 17E-41	83. 26595
C17orf89	1. 017321	4. 970693	15. 35718	3. 46E-40	2. 10E-39	78. 65684
TMEM105	1. 508587	0. 771898	26. 03653	9. 27E-81	1. 63E-79	172. 1334
P11-1055B8.	-1. 02368	1. 644803	-13. 1445	8. 34E-32	4. 28E-31	59. 39128
ACTG1	1. 720289	10. 26238	14. 42685	1. 25E-36	7. 03E-36	70. 47759
FSCN2	-1. 01283	1. 426596	-15. 6746	2. 08E-41	1. 29E-40	81. 46578
NPLOC4	1. 049703	4. 387543	16. 14683	3. 13E-43	2. 02E-42	85. 65841
PDE6G	1. 312373	0. 843037	14. 40174	1. 56E-36	8. 73E-36	70. 25815
OXLD1	1. 072795	4. 137241	14. 18467	1. 04E-35	5. 72E-35	68. 36477
CCDC137	1. 33163	3. 215985	19. 85177	1. 40E-57	1. 24E-56	118. 7016
HGS	1. 107151	5. 730831	14. 26661	5. 07E-36	2. 81E-35	69. 07876
MRPL12	1. 272098	5. 093805	17. 67323	3. 81E-49	2. 78E-48	99. 27317
FAM195B	1. 212336	5. 69635	15. 24458	9. 37E-40	5. 62E-39	77. 6623
RP11-498C9. 5	1. 099176	0. 887618	6. 843229	4. 00E-11	1. 27E-10	12. 11452
ARHGDI1	1. 633615	7. 057094	20. 27406	3. 31E-59	3. 04E-58	122. 4481
ALYREF	2. 245227	4. 711394	34. 18313	2. 09E-108	1. 43E-106	235. 915
ANAPC11	1. 677424	6. 136699	24. 30595	1. 95E-74	2. 78E-73	157. 5527
PCYT2	1. 300538	4. 079235	18. 8521	1. 02E-53	8. 24E-53	109. 8012
SIRT7	1. 089949	4. 126065	15. 19942	1. 40E-39	8. 35E-39	77. 26373
MAFG	1. 156457	2. 755106	18. 81097	1. 47E-53	1. 18E-52	109. 4342
MAFG-AS1	1. 091122	1. 475921	24. 11371	1. 00E-73	1. 40E-72	155. 9128
P11-498C9. 1	1. 735949	1. 251536	12. 59257	9. 12E-30	4. 47E-29	54. 70963
NOTUM	1. 014406	0. 661558	13. 55557	2. 44E-33	1. 29E-32	62. 91592
STRA13	1. 555869	4. 682173	22. 44424	1. 76E-67	2. 03E-66	141. 5169
RAC3	1. 312785	2. 086518	18. 41635	4. 99E-52	3. 87E-51	105. 9119
GPS1	1. 095178	5. 307292	17. 44092	3. 04E-48	2. 17E-47	97. 19782
FASN	1. 447411	4. 713102	14. 78838	5. 23E-38	3. 04E-37	73. 64517

CCDC57	1. 023473	4. 563218	13. 69265	7. 45E-34	3. 97E-33	64. 09799
SLC16A3	5. 06554	4. 114624	47. 65423	1. 12E-146	1. 17E-143	324. 2449
CD7	2. 216387	1. 654415	26. 59046	9. 44E-83	1. 78E-81	176. 7285
SECTM1	2. 300582	2. 423161	23. 94117	4. 38E-73	5. 95E-72	154. 4378
C17orf62	1. 328549	5. 176693	17. 60581	6. 96E-49	5. 04E-48	98. 67085
NARF	1. 119133	4. 784995	14. 75543	6. 99E-38	4. 05E-37	73. 35586
WDR45B	1. 002122	5. 285256	12. 87803	8. 11E-31	4. 07E-30	57. 12296
RAB40B	1. 217903	2. 963119	18. 83026	1. 24E-53	1. 00E-52	109. 6063
FN3KRP	1. 471034	3. 894242	25. 6936	1. 62E-79	2. 72E-78	169. 2708
TBCD	1. 210724	5. 417805	17. 79901	1. 24E-49	9. 13E-49	100. 397
B3GNTL1	1. 380096	2. 281389	26. 03989	9. 02E-81	1. 58E-79	172. 1614
METRNL	2. 470802	4. 499871	28. 69772	3. 48E-90	8. 97E-89	193. 8727
USP14	1. 595581	3. 521668	25. 3448	3. 00E-78	4. 86E-77	166. 3454
COLEC12	1. 813314	1. 603213	18. 49138	2. 55E-52	1. 99E-51	106. 5818
TYMS	2. 161877	3. 092314	28. 64519	5. 30E-90	1. 35E-88	193. 4519
YES1	1. 376562	3. 391067	21. 20178	9. 20E-63	9. 32E-62	130. 6417
METTL4	1. 367769	2. 014613	26. 33389	7. 86E-82	1. 44E-80	174. 6046
NDC80	2. 340088	1. 324517	40. 67262	6. 49E-128	1. 52E-125	280. 9351
EMILIN2	2. 504707	2. 362948	36. 76492	2. 01E-116	2. 27E-114	254. 4171
LPIN2	1. 565533	3. 189972	19. 34296	1. 29E-55	1. 09E-54	114. 1762
MYL12A	2. 760335	7. 728603	30. 41223	4. 69E-96	1. 60E-94	207. 4176
MYL12B	2. 831926	7. 638945	33. 2138	2. 64E-105	1. 50E-103	228. 7586
TGIF1	2. 399564	4. 903585	30. 62061	9. 29E-97	3. 29E-95	209. 0387
GAPLINC	1. 80067	0. 922554	31. 93406	3. 92E-101	1. 73E-99	219. 1319
DLGAP1-AS1	1. 851322	2. 554717	24. 1025	1. 10E-73	1. 54E-72	155. 8171
DLGAP1-AS2	1. 10806	1. 251741	17. 76664	1. 65E-49	1. 22E-48	100. 1078
EPB41L3	1. 489145	2. 601508	16. 82696	7. 31E-46	4. 97E-45	91. 71665
PTPRM	1. 215529	3. 835558	17. 36	6. 26E-48	4. 44E-47	96. 47495
RAB12	1. 554896	3. 630633	24. 39795	8. 92E-75	1. 29E-73	158. 336
NDUFV2	1. 474221	6. 064707	21. 17519	1. 16E-62	1. 17E-61	130. 4076
TWSG1	2. 609292	2. 724179	37. 31574	4. 33E-118	5. 40E-116	258. 2614
RALBP1	2. 319154	3. 708506	37. 46176	1. 58E-118	2. 04E-116	259. 2745
PPP4R1	1. 53386	4. 318934	22. 15204	2. 24E-66	2. 50E-65	138. 9706
RAB31	3. 765729	3. 421915	38. 27079	6. 09E-121	9. 08E-119	264. 8429
VAPA	1. 437095	6. 228013	18. 08373	9. 73E-51	7. 32E-50	102. 9409
APCDD1	2. 092081	3. 34499	21. 60738	2. 62E-64	2. 76E-63	134. 2054
NAPG	1. 224015	3. 153036	21. 62457	2. 25E-64	2. 38E-63	134. 3561
CHMP1B	2. 133775	3. 902219	33. 47403	3. 84E-106	2. 29E-104	230. 6912
RP11-78A19.5	3. 059729	2. 499508	33. 33567	1. 07E-105	6. 21E-104	229. 6647
IMPA2	-1. 48595	6. 410319	-15. 2618	8. 05E-40	4. 84E-39	77. 81472
SDHDP1	-1. 123	0. 653306	-29. 8032	5. 47E-94	1. 69E-92	202. 6481
RP11-64C12.5	-1. 09338	0. 599244	-34. 2248	1. 54E-108	1. 06E-106	236. 2202
RP11-64C12.5	-2. 76368	1. 787786	-42. 9166	3. 52E-134	1. 47E-131	295. 3982
TUBB6	1. 981403	5. 150429	26. 18533	2. 69E-81	4. 81E-80	173. 3712
AFG3L2	1. 184511	4. 01891	18. 86611	9. 02E-54	7. 28E-53	109. 9261
SPIRE1	1. 401947	2. 407676	19. 41968	6. 51E-56	5. 54E-55	114. 8592
PSMG2	1. 482872	5. 300222	22. 12722	2. 78E-66	3. 10E-65	138. 754
SEH1L	1. 178712	3. 189934	22. 00395	8. 15E-66	8. 96E-65	137. 6774
LDLRAD4	2. 12297	1. 87082	32. 80609	5. 51E-104	2. 90E-102	225. 7138
FAM210A	1. 341239	1. 947809	23. 43576	3. 33E-71	4. 28E-70	150. 0995
RNMT	1. 122391	3. 033564	22. 32987	4. 76E-67	5. 42E-66	140. 5212
ANKRD20A5P	-1. 17607	1. 664028	-16. 1273	3. 73E-43	2. 40E-42	85. 48507
ROCK1	1. 220975	2. 907949	18. 15143	5. 32E-51	4. 02E-50	103. 5457
ESCO1	1. 581451	2. 672722	29. 94299	1. 83E-94	5. 76E-93	203. 747

SNRPD1	2. 832305	4. 890077	41. 48665	3. 25E-130	9. 28E-128	286. 2441
ABHD3	1. 63075	3. 36309	21. 98605	9. 53E-66	1. 04E-64	137. 521
MIB1	1. 205847	2. 377721	20. 66166	1. 07E-60	1. 03E-59	125. 8781
RBBP8	1. 466802	3. 486112	23. 52679	1. 52E-71	1. 97E-70	150. 8828
CABLES1	1. 890999	2. 116399	29. 31739	2. 52E-92	7. 15E-91	198. 8105
RIOK3	1. 551398	4. 809309	19. 44226	5. 33E-56	4. 54E-55	115. 0603
C18orf8	1. 563169	3. 943952	24. 42627	7. 01E-75	1. 02E-73	158. 577
NPC1	1. 804867	3. 75795	25. 48058	9. 60E-79	1. 58E-77	167. 4858
ANKRD29	1. 669994	1. 409882	22. 74343	1. 31E-68	1. 56E-67	144. 1163
LAMA3	4. 92838	3. 828451	49. 95145	2. 09E-152	3. 42E-149	337. 4662
CABYR	1. 172468	1. 046538	22. 98202	1. 66E-69	2. 03E-68	146. 1833
OSBPL1A	1. 341593	3. 192682	18. 21459	3. 02E-51	2. 30E-50	104. 1098
IMPACT	1. 333009	2. 82046	23. 92279	5. 12E-73	6. 95E-72	154. 2805
ZNF521	1. 902951	1. 49993	24. 6057	1. 53E-75	2. 27E-74	160. 1017
SS18	1. 093905	4. 273114	17. 53503	1. 31E-48	9. 43E-48	98. 03853
DHFRP1	1. 85474	1. 112066	26. 30761	9. 78E-82	1. 78E-80	174. 3865
KCTD1	1. 760167	2. 741341	27. 54299	3. 85E-86	8. 22E-85	184. 5448
CDH2	1. 816287	1. 177148	17. 65866	4. 34E-49	3. 16E-48	99. 14303
DSC2	1. 756697	2. 695359	24. 60393	1. 55E-75	2. 30E-74	160. 0867
DSG3	1. 431467	0. 748431	12. 92282	5. 54E-31	2. 79E-30	57. 5032
DSG2	2. 486788	4. 030726	28. 61704	6. 64E-90	1. 68E-88	193. 2263
RNF138	1. 165534	2. 625822	19. 99665	3. 87E-58	3. 46E-57	119. 988
DTNA	-1. 4039	2. 720578	-18. 5448	1. 59E-52	1. 24E-51	107. 0585
MAPRE2	1. 679475	3. 086085	26. 7882	1. 85E-83	3. 58E-82	178. 36
ZNF271P	1. 02442	2. 148	21. 66532	1. 58E-64	1. 67E-63	134. 7134
INOSOC	1. 501107	3. 422623	26. 37068	5. 80E-82	1. 06E-80	174. 9095
GALNT1	1. 978746	3. 795574	30. 79973	2. 32E-97	8. 48E-96	210. 4279
SLC39A6	1. 288436	3. 559154	18. 77299	2. 07E-53	1. 65E-52	109. 0954
RP11-49I11. 1	1. 772194	1. 523624	26. 9229	6. 12E-84	1. 20E-82	179. 4687
MOCOS	1. 471365	1. 290816	27. 99865	9. 59E-88	2. 18E-86	188. 2452
FHOD3	1. 846269	1. 464713	19. 24301	3. 14E-55	2. 63E-54	113. 286
TPGS2	1. 250867	4. 465379	19. 62722	1. 03E-56	8. 92E-56	116. 7058
PIK3C3	1. 252206	3. 790831	21. 75528	7. 17E-65	7. 68E-64	135. 5018
HAUS1	1. 399418	3. 10466	25. 98804	1. 39E-80	2. 42E-79	171. 7295
IER3IP1	1. 22429	2. 977674	26. 19153	2. 56E-81	4. 58E-80	173. 4228
SMAD2	1. 443762	4. 179844	19. 85595	1. 35E-57	1. 19E-56	118. 7387
ZBTB7C	1. 966317	1. 303686	28. 37935	4. 47E-89	1. 08E-87	191. 3173
CTIF	1. 154319	3. 100195	18. 81934	1. 37E-53	1. 10E-52	109. 5089
SMAD7	1. 798953	3. 096865	24. 24632	3. 24E-74	4. 59E-73	157. 0445
PL17-C18orf1	1. 423811	2. 902147	13. 94849	8. 11E-35	4. 40E-34	66. 31212
LIPG	2. 237139	1. 749194	27. 91982	1. 81E-87	4. 07E-86	187. 6068
ACAA2	1. 244343	4. 985503	17. 58134	8. 66E-49	6. 26E-48	98. 45226
MYO5B	1. 934812	3. 489641	26. 79992	1. 68E-83	3. 26E-82	178. 4565
MEX3C	1. 447822	2. 847269	21. 49849	6. 80E-64	7. 08E-63	133. 2498
SNRPGP2	2. 579847	2. 280313	31. 34545	3. 49E-99	1. 39E-97	214. 6355
RAB27B	1. 648946	1. 773657	23. 66604	4. 61E-72	6. 06E-71	152. 0793
CCDC68	1. 228771	1. 647588	18. 33801	1. 00E-51	7. 74E-51	105. 2122
TCF4	1. 922796	2. 61877	22. 41296	2. 31E-67	2. 65E-66	141. 2447
ONECUT2	1. 364867	1. 472955	15. 66187	2. 33E-41	1. 44E-40	81. 35326
ZNF532	1. 96263	2. 918411	25. 30451	4. 21E-78	6. 79E-77	166. 0066
GRP	2. 510099	1. 747877	19. 29254	2. 02E-55	1. 70E-54	113. 7272
PMAIP1	2. 202412	1. 527336	30. 43807	3. 83E-96	1. 32E-94	207. 6189
TNFRSF11A	1. 899744	1. 620073	24. 84227	2. 07E-76	3. 16E-75	162. 1067
KDSR	1. 471424	3. 598295	21. 51395	5. 93E-64	6. 19E-63	133. 3856

VPS4B	1. 353438	3. 457442	22. 96189	1. 98E-69	2. 41E-68	146. 0091
SERPINB5	4. 398591	2. 205545	43. 78042	1. 57E-136	7. 58E-134	300. 8247
SERPINB4	1. 039399	0. 52313	11. 72231	1. 30E-26	5. 99E-26	47. 47057
SERPINB3	2. 092732	1. 109451	13. 84319	2. 02E-34	1. 09E-33	65. 3996
SERPINB7	1. 497305	0. 760188	17. 54149	1. 24E-48	8. 91E-48	98. 09619
SERPINB2	2. 143408	1. 439372	19. 04434	1. 84E-54	1. 51E-53	111. 5156
SERPINB8	2. 059013	2. 298224	32. 4183	1. 01E-102	4. 91E-101	222. 7985
CCDC102B	1. 418055	1. 483073	21. 99297	8. 97E-66	9. 85E-65	137. 5814
SOCS6	1. 590378	2. 413658	26. 30672	9. 85E-82	1. 79E-80	174. 3792
CNDP2	1. 408486	5. 972326	19. 48016	3. 80E-56	3. 25E-55	115. 3975
TSHZ1	1. 126345	2. 23893	19. 33076	1. 44E-55	1. 21E-54	114. 0675
NFATC1	1. 662317	2. 189227	22. 59048	4. 94E-68	5. 78E-67	142. 7885
PPAP2C	2. 744642	5. 221541	31. 39315	2. 42E-99	9. 73E-98	215. 0015
MIER2	1. 358104	3. 346801	22. 6295	3. 52E-68	4. 14E-67	143. 1274
SHC2	-1. 55836	5. 49285	-13. 8747	1. 54E-34	8. 31E-34	65. 67273
GZMM	1. 271949	0. 833478	17. 42288	3. 57E-48	2. 55E-47	97. 03665
AC009005. 2	1. 188275	1. 006834	21. 40817	1. 50E-63	1. 55E-62	132. 4567
BSG	2. 207921	7. 766671	28. 17675	2. 28E-88	5. 34E-87	189. 6846
POLRMT	1. 477637	4. 602052	20. 41248	9. 72E-60	9. 07E-59	123. 6741
RNF126	1. 104343	4. 318888	15. 99836	1. 17E-42	7. 47E-42	84. 33882
FSTL3	2. 002937	4. 940847	16. 15064	3. 03E-43	1. 95E-42	85. 69227
PALM	1. 772528	2. 581692	21. 61524	2. 44E-64	2. 58E-63	134. 2743
MISP	5. 36416	2. 936418	59. 83556	6. 71E-175	6. 76E-171	389. 3899
PTBP1	1. 417191	6. 077381	20. 93818	9. 37E-62	9. 22E-61	128. 3193
R3HDM4	1. 892199	5. 311295	23. 86887	8. 12E-73	1. 10E-71	153. 8187
WDR18	1. 097396	4. 146484	15. 34292	3. 93E-40	2. 38E-39	78. 53085
CNN2	2. 275116	5. 824697	28. 23511	1. 42E-88	3. 37E-87	190. 1554
AC011558. 5	2. 960859	5. 164219	24. 71945	5. 84E-76	8. 76E-75	161. 0666
HMHA1	2. 123881	3. 548382	26. 08312	6. 30E-81	1. 11E-79	172. 5212
POLR2E	1. 807899	5. 937025	27. 00473	3. 13E-84	6. 22E-83	180. 1413
GPX4	2. 693769	7. 028738	34. 27002	1. 11E-108	7. 74E-107	236. 5508
SBNO2	1. 906128	4. 316793	24. 93144	9. 73E-77	1. 50E-75	162. 8609
MIDN	1. 611501	4. 766584	16. 72412	1. 83E-45	1. 24E-44	90. 79942
C19orf24	1. 452592	5. 123882	19. 76889	2. 92E-57	2. 57E-56	117. 9652
EFNA2	1. 735302	0. 855541	20. 00599	3. 56E-58	3. 19E-57	120. 0709
NDUFS7	1. 049934	5. 68933	13. 39138	1. 00E-32	5. 23E-32	61. 50431
GAMT	-1. 92597	5. 141216	-19. 385	8. 86E-56	7. 50E-55	114. 5508
C19orf25	1. 112643	3. 772298	17. 43785	3. 12E-48	2. 23E-47	97. 17042
ADAMTSL5	1. 65928	1. 272203	24. 39225	9. 36E-75	1. 35E-73	158. 2876
MEX3D	1. 736872	2. 557176	28. 6631	4. 60E-90	1. 18E-88	193. 5954
MBD3	1. 003861	4. 600623	13. 48274	4. 57E-33	2. 40E-32	62. 2892
AC005943. 6	1. 892402	1. 575402	9. 702336	1. 16E-19	4. 61E-19	31. 55327
AC005943. 2	1. 406744	1. 028643	11. 6548	2. 27E-26	1. 04E-25	46. 9172
UQCR11	1. 992248	6. 305831	29. 10684	1. 34E-91	3. 69E-90	197. 1381
TCF3	1. 787008	4. 550003	28. 56551	1. 00E-89	2. 51E-88	192. 813
ONECUT3	1. 735723	0. 846999	19. 3254	1. 51E-55	1. 27E-54	114. 0199
CTB-31020. 3	2. 278972	1. 556888	20. 68895	8. 44E-61	8. 12E-60	126. 1192
CTB-31020. 6	1. 378587	2. 375585	10. 84679	1. 58E-23	6. 82E-23	40. 3998
KLF16	2. 279632	2. 796127	34. 88447	1. 28E-110	9. 96E-109	241. 0208
SCAMP4	1. 119325	4. 733861	17. 5418	1. 23E-48	8. 88E-48	98. 09896
CSNK1G2	1. 011179	4. 798289	15. 17338	1. 76E-39	1. 05E-38	77. 03397
MOB3A	1. 759864	3. 436133	27. 61009	2. 23E-86	4. 82E-85	185. 0913
IZUMO4	-1. 15108	2. 778287	-14. 7781	5. 73E-38	3. 32E-37	73. 55501
JSRP1	1. 370461	1. 160379	15. 84676	4. 51E-42	2. 84E-41	82. 99281

OAZ1	1.339425	8.874325	15.46187	1.37E-40	8.37E-40	79.58245
LSM7	2.068728	5.70458	25.67896	1.83E-79	3.08E-78	169.1483
LMNB2	2.107736	3.127971	34.79892	2.38E-110	1.82E-108	240.4012
GADD45B	1.117352	5.477078	8.170735	7.37E-15	2.60E-14	20.59569
SLC39A3	1.722839	3.870825	32.49449	5.69E-103	2.82E-101	223.3728
THOP1	1.178093	4.08666	18.25974	2.02E-51	1.54E-50	104.5131
AC005944.2	2.617304	2.836629	21.99552	8.78E-66	9.63E-65	137.6037
AES	1.42036	8.098667	16.94172	2.62E-46	1.80E-45	92.74049
GNA11	1.291134	4.259063	20.46888	5.90E-60	5.54E-59	124.1733
GNA15	3.612508	2.269333	49.67714	9.86E-152	1.53E-148	335.9123
S1PR4	1.789617	1.225583	23.9012	6.16E-73	8.34E-72	154.0956
SMIM24	4.002604	3.450272	27.36271	1.67E-85	3.48E-84	183.0738
DOHH	1.087409	2.761371	19.52869	2.47E-56	2.12E-55	115.8294
FZR1	1.388316	3.926915	22.49506	1.13E-67	1.31E-66	141.959
AC005786.7	2.350931	1.925299	19.08515	1.28E-54	1.06E-53	111.8793
HMG20B	1.376109	4.953336	19.74705	3.54E-57	3.11E-56	117.7711
PIP5K1C	1.073722	3.433874	18.9053	6.36E-54	5.15E-53	110.2757
TJP3	2.786807	3.89147	28.04918	6.38E-88	1.46E-86	188.6539
MRPL54	1.051273	5.46451	15.54478	6.58E-41	4.03E-40	80.31618
MATK	1.151603	1.06221	18.12967	6.46E-51	4.88E-50	103.3513
DAPK3	1.755657	4.814664	25.92174	2.41E-80	4.17E-79	171.1767
ZBTB7A	1.888702	3.038902	33.1007	6.12E-105	3.40E-103	227.916
EBI3	1.202959	1.119189	16.45077	2.09E-44	1.38E-43	88.36332
STAP2	1.771404	4.738657	21.47538	8.32E-64	8.66E-63	133.0469
MPND	1.290396	3.675479	25.37641	2.30E-78	3.75E-77	166.6111
SH3GL1	1.613991	4.717768	25.01936	4.63E-77	7.19E-76	163.6036
CHAF1A	1.40844	2.105315	27.15178	9.38E-85	1.89E-83	181.3478
HDGFRP2	1.662062	4.252506	27.21398	5.64E-85	1.15E-83	181.8573
PLIN4	-1.54619	2.25979	-11.1669	1.21E-24	5.34E-24	42.95721
PLIN5	-4.22615	3.640851	-40.1911	1.54E-126	3.25E-124	277.7604
CTB-50L17.14	-2.61473	1.690007	-39.7726	2.47E-125	4.84E-123	274.9809
SEMA6B	1.74893	2.189495	23.39334	4.80E-71	6.13E-70	149.7342
TNFAIP8L1	2.007292	1.994763	39.14109	1.68E-123	2.90E-121	270.7489
AC005339.2	2.272266	1.655617	29.69792	1.25E-93	3.79E-92	201.819
DPP9	1.399477	4.032595	21.8963	2.09E-65	2.27E-64	136.7361
TICAM1	2.200122	3.283444	31.9045	4.91E-101	2.16E-99	218.9071
CTC-518P12.6	1.688669	0.860935	19.14847	7.28E-55	6.05E-54	112.4436
PLIN3	2.917708	4.358671	41.24241	1.58E-129	4.35E-127	284.6588
UHRF1	2.343591	1.334915	41.78102	4.87E-131	1.52E-128	288.1464
C19orf70	1.608009	5.349966	24.16172	6.66E-74	9.35E-73	156.3228
LONP1	1.240463	4.55688	20.02636	2.97E-58	2.67E-57	120.2517
NRTN	-1.4759	1.984845	-24.8022	2.90E-76	4.40E-75	161.7674
FUT6	2.672759	2.341857	29.90026	2.55E-94	8.00E-93	203.4114
FUT3	3.376345	3.643003	32.92175	2.32E-104	1.24E-102	226.5796
NDUFA11	1.510286	6.977342	20.33502	1.93E-59	1.78E-58	122.9881
CAPS	1.743312	4.49718	16.98325	1.81E-46	1.25E-45	93.11111
RANBP3	1.267442	4.509048	21.1987	9.46E-63	9.57E-62	130.6146
RFX2	1.543446	1.792788	25.2795	5.19E-78	8.35E-77	165.7962
CLPP	1.364598	5.077641	22.15591	2.17E-66	2.42E-65	139.0044
SLC25A23	1.460632	4.018896	22.41406	2.29E-67	2.63E-66	141.2543
DENND1C	1.200433	3.494816	17.78725	1.38E-49	1.01E-48	100.2919
TD-2396E7.1	1.113883	4.05733	15.34133	3.98E-40	2.41E-39	78.51679
TNFSF9	2.081033	1.072537	24.75808	4.21E-76	6.35E-75	161.3939
CD70	1.396478	0.712076	17.66397	4.14E-49	3.01E-48	99.19047

C3	2. 653978	8. 34534	15. 70813	1. 55E-41	9. 60E-41	81. 76322
GPR108	1. 143475	5. 619606	16. 72788	1. 77E-45	1. 20E-44	90. 83296
TRIP10	1. 645369	5. 355367	18. 58327	1. 12E-52	8. 85E-52	107. 4021
SH2D3A	1. 534133	4. 08118	18. 43743	4. 13E-52	3. 21E-51	106. 1001
VAV1	2. 53587	1. 830074	33. 14998	4. 24E-105	2. 39E-103	228. 2833
ARHGEF18	1. 462314	3. 824342	21. 22693	7. 38E-63	7. 49E-62	130. 8631
ZNF358	1. 124372	4. 83704	17. 25249	1. 64E-47	1. 15E-46	95. 51483
MCOLN1	1. 397465	3. 517605	23. 69894	3. 48E-72	4. 60E-71	152. 3617
PNPLA6	1. 737158	4. 415189	24. 48257	4. 35E-75	6. 35E-74	159. 0558
PET100	1. 978417	4. 971486	31. 70575	2. 22E-100	9. 48E-99	217. 393
RETN	1. 933845	1. 329768	15. 65566	2. 46E-41	1. 52E-40	81. 29819
MCEMP1	1. 638721	1. 099152	15. 96104	1. 64E-42	1. 04E-41	84. 0073
FD-3214H19. 1	1. 409455	0. 969095	11. 53927	5. 86E-26	2. 66E-25	45. 97334
TRAPPC5	1. 725392	5. 324627	21. 58774	3. 11E-64	3. 27E-63	134. 0331
EVI5L	1. 314413	2. 343737	26. 00025	1. 25E-80	2. 19E-79	171. 8312
LRRRC8E	1. 150454	1. 860742	19. 09434	1. 18E-54	9. 74E-54	111. 9612
SNAPC2	1. 60011	3. 704638	25. 15127	1. 53E-77	2. 41E-76	164. 7163
CTXN1	1. 826212	1. 693554	22. 87817	4. 09E-69	4. 94E-68	145. 2843
ELAVL1	1. 60967	4. 352876	29. 35548	1. 87E-92	5. 32E-91	199. 1124
CERS4	-2. 01122	4. 484889	-23. 7666	1. 95E-72	2. 60E-71	152. 9424
NDUFA7	1. 924461	5. 201875	30. 57239	1. 35E-96	4. 73E-95	208. 6641
2-Mar	1. 870577	3. 864905	30. 40403	4. 99E-96	1. 70E-94	207. 3537
HNRNPM	1. 26511	5. 86302	18. 81939	1. 37E-53	1. 10E-52	109. 5094
PRAM1	1. 177204	1. 382723	15. 63999	2. 83E-41	1. 75E-40	81. 15937
MYO1F	1. 782892	2. 364994	19. 80039	2. 21E-57	1. 95E-56	118. 2452
MUC16	3. 151859	1. 564545	18. 92587	5. 29E-54	4. 30E-53	110. 4592
ZNF317	1. 280184	3. 335789	23. 9461	4. 20E-73	5. 71E-72	154. 4799
ZNF561-AS1	1. 41808	1. 891852	28. 16798	2. 45E-88	5. 72E-87	189. 6138
ZNF562	1. 104679	2. 120945	21. 78028	5. 76E-65	6. 18E-64	135. 7207
ZNF846	1. 549266	2. 317691	26. 07359	6. 81E-81	1. 20E-79	172. 4419
FBXL12	1. 137024	3. 291644	19. 74713	3. 54E-57	3. 11E-56	117. 7718
UBL5	2. 229431	7. 455769	29. 76264	7. 53E-94	2. 31E-92	202. 3289
PIN1	1. 587614	4. 937376	24. 75432	4. 35E-76	6. 55E-75	161. 3621
OLFM2	1. 235859	2. 69075	15. 42449	1. 91E-40	1. 16E-39	79. 25188
COL5A3	1. 216451	2. 208822	13. 78555	3. 33E-34	1. 79E-33	64. 90082
C19orf66	1. 193059	4. 245924	15. 73281	1. 24E-41	7. 73E-41	81. 98201
DNMT1	1. 457545	3. 679454	24. 15666	6. 95E-74	9. 75E-73	156. 2795
S1PR2	1. 377379	1. 718931	26. 65214	5. 67E-83	1. 08E-81	177. 2378
MRPL4	1. 670909	4. 468081	26. 7459	2. 62E-83	5. 04E-82	178. 0113
ICAM1	3. 068728	3. 558675	30. 22937	1. 95E-95	6. 44E-94	205. 9904
FDX1L	1. 282638	3. 71208	22. 65901	2. 73E-68	3. 22E-67	143. 3837
TD-2369P2. 1	1. 920475	2. 943022	26. 88707	8. 21E-84	1. 61E-82	179. 174
RAVER1	1. 135712	3. 300885	15. 87161	3. 62E-42	2. 28E-41	83. 21335
ICAM3	1. 571227	3. 512131	25. 1272	1. 87E-77	2. 95E-76	164. 5134
CDC37	1. 447837	6. 526392	19. 46543	4. 33E-56	3. 70E-55	115. 2664
KEAP1	2. 036311	4. 594323	34. 22952	1. 49E-108	1. 03E-106	236. 2545
CDKN2D	2. 269117	2. 739959	33. 60474	1. 46E-106	8. 89E-105	231. 6587
AP1M2	1. 984887	5. 166339	25. 49603	8. 44E-79	1. 39E-77	167. 6155
SLC44A2	2. 109674	5. 421685	29. 48818	6. 54E-93	1. 91E-91	200. 163
DNM2	1. 258535	5. 896098	15. 57629	4. 98E-41	3. 06E-40	80. 59516
TMED1	1. 289801	4. 376571	22. 99661	1. 47E-69	1. 79E-68	146. 3096
C19orf38	1. 06561	1. 04488	19. 82054	1. 85E-57	1. 63E-56	118. 4242
AC007229. 3	1. 170068	0. 832981	31. 97146	2. 95E-101	1. 31E-99	219. 4161
C19orf52	1. 237824	3. 118354	25. 94267	2. 02E-80	3. 51E-79	171. 3512

SMARCA4	1. 67878	4. 92859	25. 06702	3. 10E-77	4. 85E-76	164. 0059
LDLR	2. 901986	4. 44544	24. 53735	2. 73E-75	4. 01E-74	159. 5213
SPC24	2. 041863	1. 252377	35. 36169	4. 14E-112	3. 55E-110	244. 4608
KANK2	1. 690496	4. 554833	19. 69935	5. 42E-57	4. 73E-56	117. 3472
DOCK6	1. 294571	4. 203968	17. 15669	3. 85E-47	2. 69E-46	94. 65942
TMEM205	1. 305992	6. 170441	19. 01525	2. 39E-54	1. 96E-53	111. 2562
LPPR2	1. 024321	3. 405916	16. 46329	1. 87E-44	1. 24E-43	88. 4748
RGL3	-1. 13437	4. 368688	-10. 9978	4. 73E-24	2. 06E-23	41. 60261
PRKCSH	1. 290662	6. 897734	18. 39004	6. 31E-52	4. 89E-51	105. 6769
CNN1	3. 129074	3. 283693	24. 14772	7. 50E-74	1. 05E-72	156. 2032
ACP5	3. 151025	4. 13137	29. 77432	6. 87E-94	2. 11E-92	202. 4208
HNRNPA1P10	1. 149018	1. 546704	18. 92754	5. 22E-54	4. 24E-53	110. 474
ZNF564	1. 026767	1. 744818	24. 58366	1. 84E-75	2. 72E-74	159. 9147
MAN2B1	2. 231318	5. 177538	33. 86684	2. 12E-107	1. 35E-105	233. 5926
WDR830S	1. 455625	6. 887552	21. 45395	1. 00E-63	1. 04E-62	132. 8588
FBXW9	1. 112575	2. 47122	22. 75114	1. 23E-68	1. 46E-67	144. 1832
C19orf43	1. 117624	6. 555667	15. 26494	7. 83E-40	4. 71E-39	77. 84206
ASNA1	1. 508481	5. 064533	25. 05576	3. 41E-77	5. 32E-76	163. 9109
JUNB	2. 165506	6. 460479	15. 78692	7. 68E-42	4. 80E-41	82. 46193
PRDX2	1. 070351	6. 716835	14. 85349	2. 95E-38	1. 72E-37	74. 21723
RNASEH2A	1. 98232	3. 189132	34. 8977	1. 16E-110	9. 12E-109	241. 1166
DNASE2	2. 033081	4. 498447	35. 93641	6. 88E-114	6. 68E-112	248. 5671
FARSA	1. 461404	4. 59743	25. 64928	2. 34E-79	3. 93E-78	168. 8998
CALR	2. 315899	7. 952452	27. 83351	3. 65E-87	8. 10E-86	186. 907
CTC-425F1. 4	2. 170511	2. 081256	13. 53154	3. 00E-33	1. 58E-32	62. 70901
RAD23A	1. 597727	5. 676618	24. 60742	1. 51E-75	2. 23E-74	160. 1164
GADD45GIP1	1. 53859	4. 626979	23. 69373	3. 64E-72	4. 80E-71	152. 317
NFIX	1. 973519	3. 577309	27. 2117	5. 74E-85	1. 17E-83	181. 8386
LYL1	1. 668056	1. 695311	22. 57738	5. 54E-68	6. 47E-67	142. 6746
NACC1	1. 949192	3. 212562	34. 90299	1. 12E-110	8. 80E-109	241. 1548
STX10	1. 391205	4. 879079	21. 78091	5. 73E-65	6. 15E-64	135. 7262
IER2	1. 38663	5. 69696	12. 10775	5. 34E-28	2. 53E-27	50. 65337
C19orf53	1. 917245	6. 201872	27. 73079	8. 38E-87	1. 84E-85	186. 073
ZSWIM4	1. 878798	2. 156058	29. 76394	7. 45E-94	2. 28E-92	202. 3391
CTD-3252C9. 4	2. 327515	3. 071979	21. 93808	1. 45E-65	1. 58E-64	137. 1015
NANOS3	1. 068024	0. 834072	18. 75565	2. 42E-53	1. 93E-52	108. 9407
PODNL1	3. 135212	2. 16794	34. 10487	3. 70E-108	2. 49E-106	235. 3415
DCAF15	1. 125693	3. 988858	11. 48184	9. 38E-26	4. 23E-25	45. 50549
IL27RA	1. 813638	1. 885354	30. 11156	4. 89E-95	1. 59E-93	205. 0688
SAMD1	1. 166966	4. 007095	17. 10373	6. 17E-47	4. 30E-46	94. 18658
PRKACA	1. 473117	4. 467791	24. 58841	1. 77E-75	2. 62E-74	159. 955
ASF1B	2. 72074	1. 634556	46. 03888	1. 59E-142	1. 30E-139	314. 6561
ADGRE5	2. 313743	4. 77102	29. 95146	1. 71E-94	5. 42E-93	203. 8135
DDX39A	1. 769379	4. 834352	25. 18203	1. 18E-77	1. 87E-76	164. 9756
PKN1	1. 737456	5. 418437	25. 13633	1. 73E-77	2. 73E-76	164. 5904
GIPC1	2. 911506	5. 569793	35. 21046	1. 22E-111	1. 02E-109	243. 3736
DNAJB1	2. 383136	5. 361918	21. 75309	7. 30E-65	7. 82E-64	135. 4826
TECR	1. 905921	6. 132557	26. 8287	1. 33E-83	2. 58E-82	178. 6936
NDUFB7	1. 231812	6. 822641	16. 35236	5. 03E-44	3. 29E-43	87. 48706
ITGB1P1	1. 488113	3. 928779	9. 999117	1. 21E-20	4. 90E-20	33. 79909
ADGRE2	1. 014538	0. 905182	17. 01254	1. 39E-46	9. 64E-46	93. 37258
AC005255. 3	2. 371704	1. 354083	30. 91651	9. 43E-98	3. 50E-96	211. 3314
SYDE1	1. 57993	2. 450027	23. 17297	3. 20E-70	4. 01E-69	147. 8338
ILVBL	1. 226697	4. 740351	20. 16073	9. 03E-59	8. 22E-58	121. 4436

NOTCH3	2. 553445	3. 536687	28. 26615	1. 11E-88	2. 64E-87	190. 4057
EPHX3	1. 374829	0. 792542	15. 6228	3. 29E-41	2. 03E-40	81. 0071
RASAL3	1. 555494	1. 693452	18. 55571	1. 44E-52	1. 13E-51	107. 1561
CYP4F3	2. 036229	1. 170031	23. 937	4. 53E-73	6. 17E-72	154. 4021
CYP4F12	2. 383847	2. 012074	22. 85734	4. 89E-69	5. 90E-68	145. 1038
UCA1	3. 062763	1. 736298	21. 15805	1. 35E-62	1. 36E-61	130. 2568
CYP4F11	1. 02639	1. 529682	10. 42559	4. 43E-22	1. 85E-21	37. 08706
TPM4	3. 755643	6. 711273	40. 14324	2. 11E-126	4. 42E-124	277. 4437
RAB8A	2. 076734	4. 055849	33. 65981	9. 73E-107	5. 99E-105	232. 0658
TD-2231E14.	2. 129695	4. 101079	38. 35204	3. 50E-121	5. 35E-119	265. 3979
HSH2D	2. 15138	2. 859546	29. 11246	1. 28E-91	3. 53E-90	197. 1828
FAM32A	1. 818495	5. 204313	30. 15591	3. 45E-95	1. 13E-93	205. 416
AP1M1	1. 698268	4. 002263	27. 69178	1. 15E-86	2. 51E-85	185. 7559
KLF2	2. 715495	3. 664321	24. 75348	4. 38E-76	6. 59E-75	161. 3549
EPS15L1	1. 077628	3. 440365	19. 78864	2. 45E-57	2. 16E-56	118. 1407
MED26	1. 095918	1. 959767	27. 34611	1. 92E-85	3. 97E-84	182. 9382
CTC-429P9. 4	1. 06758	1. 695078	8. 20017	6. 02E-15	2. 13E-14	20. 79525
SMIM7	1. 186746	5. 590936	18. 208	3. 21E-51	2. 44E-50	104. 051
TMEM38A	1. 704594	1. 838852	23. 57122	1. 04E-71	1. 35E-70	151. 2648
F2RL3	1. 310751	1. 978717	13. 73131	5. 33E-34	2. 85E-33	64. 43187
HAUS8	1. 739209	2. 244643	34. 88574	1. 27E-110	9. 89E-109	241. 03
MYO9B	1. 693019	4. 624396	24. 26101	2. 86E-74	4. 06E-73	157. 1697
OCEL1	1. 021663	4. 245142	15. 99737	1. 18E-42	7. 54E-42	84. 33007
BABAM1	1. 462288	5. 174923	25. 22856	7. 96E-78	1. 27E-76	165. 3675
MRPL34	1. 226849	5. 272541	18. 18138	4. 07E-51	3. 09E-50	103. 8132
DDA1	2. 38114	4. 252673	35. 60674	7. 18E-113	6. 42E-111	246. 2165
PLVAP	1. 341372	5. 652172	15. 65365	2. 51E-41	1. 55E-40	81. 28042
BST2	4. 181309	5. 371032	37. 22333	8. 22E-118	1. 00E-115	257. 6189
MVB12A	1. 288773	4. 930669	19. 0429	1. 87E-54	1. 53E-53	111. 5027
SLC27A1	1. 131205	3. 489678	17. 3635	6. 07E-48	4. 31E-47	96. 50626
PGLS	1. 095829	5. 606123	14. 60506	2. 62E-37	1. 50E-36	72. 03705
COLGALT1	2. 101251	4. 631434	27. 90309	2. 08E-87	4. 65E-86	187. 4712
MAP1S	2. 419322	3. 843925	36. 74057	2. 38E-116	2. 67E-114	254. 2463
FCH01	2. 194674	1. 576976	32. 08897	1. 21E-101	5. 52E-100	220. 3081
B3GNT3	4. 476811	3. 300717	48. 32071	2. 32E-148	2. 81E-145	328. 13
JAK3	1. 660543	1. 757683	22. 43418	1. 92E-67	2. 21E-66	141. 4294
CCDC124	1. 367678	5. 403771	18. 31571	1. 23E-51	9. 43E-51	105. 0131
ARRDC2	2. 427427	4. 102029	28. 23068	1. 48E-88	3. 48E-87	190. 1197
IL12RB1	1. 480042	0. 938261	26. 532	1. 53E-82	2. 86E-81	176. 2452
AC007192. 6	1. 178275	2. 192129	11. 67467	1. 93E-26	8. 84E-26	47. 07997
PIK3R2	1. 533698	3. 730545	26. 56352	1. 18E-82	2. 21E-81	176. 5057
IFI30	3. 377699	6. 090337	33. 46854	3. 99E-106	2. 38E-104	230. 6505
MPV17L2	1. 107459	3. 006148	20. 58273	2. 16E-60	2. 05E-59	125. 1803
RAB3A	1. 010839	1. 279187	21. 57423	3. 50E-64	3. 67E-63	133. 9146
PDE4C	3. 272802	2. 596283	23. 779	1. 75E-72	2. 34E-71	153. 0486
LSM4	2. 166281	5. 563317	31. 44155	1. 67E-99	6. 78E-98	215. 3726
LRRC25	1. 588672	1. 459394	21. 98135	9. 93E-66	1. 09E-64	137. 4799
SSBP4	1. 31617	4. 959714	16. 95173	2. 40E-46	1. 65E-45	92. 82988
FKBP8	1. 711172	6. 664162	23. 571	1. 04E-71	1. 35E-70	151. 2629
COMP	5. 133887	3. 424148	42. 76229	9. 32E-134	3. 71E-131	294. 4209
UPF1	1. 142613	4. 553045	18. 85099	1. 03E-53	8. 32E-53	109. 7913
COPE	1. 272019	6. 463491	18. 395	6. 04E-52	4. 68E-51	105. 7212
DDX49	1. 065248	4. 481456	17. 90651	4. 74E-50	3. 52E-49	101. 3575
HOMER3	2. 312434	3. 69523	30. 58861	1. 19E-96	4. 19E-95	208. 7902

ARMC6	1. 722647	3. 058786	31. 73712	1. 75E-100	7. 50E-99	217. 6323
EF2BNB-MEF2	1. 170247	2. 256954	21. 26273	5. 39E-63	5. 49E-62	131. 178
MEF2BNB	1. 215489	3. 575934	22. 3507	3. 97E-67	4. 53E-66	140. 7026
RFXANK	1. 585165	5. 31733	23. 01012	1. 31E-69	1. 60E-68	146. 4264
NR2C2AP	1. 475462	3. 641451	25. 21813	8. 69E-78	1. 39E-76	165. 2796
TM6SF2	1. 530023	0. 954666	23. 52822	1. 51E-71	1. 95E-70	150. 8951
GATAD2A	1. 473835	4. 027685	24. 29155	2. 20E-74	3. 14E-73	157. 43
NDUFA13	2. 393235	7. 079186	34. 13768	2. 91E-108	1. 97E-106	235. 582
CILP2	1. 929393	0. 984474	24. 80736	2. 77E-76	4. 22E-75	161. 8112
PBX4	1. 73695	1. 472469	25. 92177	2. 41E-80	4. 17E-79	171. 177
GMIP	1. 86671	2. 743895	31. 15092	1. 55E-98	5. 99E-97	213. 1399
ZNF101	1. 220525	1. 913375	11. 33025	3. 23E-25	1. 44E-24	44. 27539
TD-2626G11.	-1. 24427	0. 777152	-17. 4556	2. 66E-48	1. 91E-47	97. 32902
P11-678G14.	-1. 42848	1. 313475	-20. 7464	5. 09E-61	4. 92E-60	126. 6266
P11-420K14.	-1. 25551	1. 394237	-12. 0833	6. 55E-28	3. 10E-27	50. 45057
ZNF98	-1. 54343	1. 326001	-22. 9486	2. 22E-69	2. 70E-68	145. 8938
AC025811.3	-1. 10216	0. 706687	-23. 2894	1. 17E-70	1. 48E-69	148. 8388
CTC-459F4.3	1. 017913	1. 804851	19. 69309	5. 73E-57	4. 99E-56	117. 2915
UQCRFS1	1. 056266	4. 018378	19. 76713	2. 97E-57	2. 61E-56	117. 9496
POP4	1. 603141	4. 995969	24. 51019	3. 44E-75	5. 04E-74	159. 2905
PLEKHF1	1. 467052	2. 223036	21. 52358	5. 45E-64	5. 70E-63	133. 4701
CCNE1	1. 676185	1. 449881	29. 01563	2. 76E-91	7. 50E-90	196. 4119
URI1	1. 231935	4. 361817	20. 47216	5. 73E-60	5. 38E-59	124. 2023
TSHZ3	1. 519901	1. 408016	24. 16945	6. 24E-74	8. 76E-73	156. 3887
PDCD5	1. 140409	5. 829385	16. 61201	4. 97E-45	3. 33E-44	89. 79992
ANKRD27	1. 456674	2. 622353	26. 7403	2. 75E-83	5. 27E-82	177. 9652
NUDT19	1. 071432	2. 191556	23. 36358	6. 20E-71	7. 89E-70	149. 4778
CEP89	1. 380923	2. 716415	12. 27307	1. 34E-28	6. 44E-28	52. 03023
FAAP24	1. 18378	1. 053101	27. 54877	3. 68E-86	7. 85E-85	184. 5919
RHPN2	2. 552262	3. 370866	28. 71793	2. 96E-90	7. 65E-89	194. 0345
FD-2540B15.1	1. 675621	2. 608947	19. 81306	1. 97E-57	1. 74E-56	118. 3577
CEBPG	1. 460395	3. 317701	23. 16779	3. 35E-70	4. 19E-69	147. 789
PEPD	1. 994234	4. 441203	30. 89843	1. 08E-97	4. 01E-96	211. 1917
CTC-526N19.1	-1. 40185	1. 414415	-24. 7621	4. 07E-76	6. 14E-75	161. 4277
LSM14A	1. 503174	4. 85839	22. 0109	7. 67E-66	8. 44E-65	137. 7381
GPI	2. 371129	6. 245563	30. 51922	2. 04E-96	7. 07E-95	208. 2506
PDCD2L	1. 023384	2. 713819	19. 50384	3. 08E-56	2. 64E-55	115. 6083
UBA2	1. 518671	4. 922562	21. 46333	9. 25E-64	9. 62E-63	132. 9412
WTIP	1. 597984	2. 371598	22. 82575	6. 43E-69	7. 72E-68	144. 8301
HPN	-3. 42391	4. 984023	-23. 9871	2. 95E-73	4. 05E-72	154. 8309
HPN-AS1	-1. 43852	0. 898441	-32. 9851	1. 45E-104	7. 88E-103	227. 0534
FXYD3	4. 918759	6. 694315	41. 07151	4. 80E-129	1. 25E-126	283. 5456
FXYD5	4. 936602	5. 78801	49. 33203	7. 00E-151	9. 84E-148	333. 9479
LSR	2. 427363	6. 430031	27. 30918	2. 59E-85	5. 35E-84	182. 6363
USF2	1. 296154	6. 134806	18. 73844	2. 82E-53	2. 24E-52	108. 7871
CD22	1. 51504	1. 335345	13. 60137	1. 64E-33	8. 69E-33	63. 31053
ATP4A	-2. 04593	1. 133832	-20. 1249	1. 24E-58	1. 12E-57	121. 1254
RBM42	2. 038736	4. 929299	31. 34385	3. 53E-99	1. 40E-97	214. 6232
COX6B1	2. 218206	7. 29782	29. 08359	1. 61E-91	4. 42E-90	196. 9531
PSENNEN	2. 3256	5. 73875	32. 79129	6. 15E-104	3. 23E-102	225. 6028
AC002398.9	1. 523231	2. 019291	24. 35721	1. 26E-74	1. 81E-73	157. 9893
AC002398.12	1. 419399	1. 410321	11. 64495	2. 46E-26	1. 13E-25	46. 83663
PRODH2	-1. 59952	0. 998795	-32. 0993	1. 12E-101	5. 12E-100	220. 3863
NPHS1	-2. 98587	2. 241635	-42. 3061	1. 69E-132	6. 01E-130	291. 5167

KIRREL2	-3.25136	3.08453	-34.2499	1.28E-108	8.91E-107	236.4036
HCST	2.964517	2.989898	31.98436	2.68E-101	1.20E-99	219.5141
TYROBP	3.772751	5.265605	31.67483	2.81E-100	1.20E-98	217.157
ALKBH6	1.319148	3.168914	21.90264	1.98E-65	2.15E-64	136.7916
CLIP3	1.987922	2.195752	26.31307	9.34E-82	1.70E-80	174.4319
WDR62	1.149105	0.740582	29.51683	5.21E-93	1.53E-91	200.3896
POLR2I	1.153982	5.6566	16.48173	1.59E-44	1.05E-43	88.63905
TBCB	2.429054	5.636636	33.49199	3.36E-106	2.02E-104	230.8242
CAPNS1	2.629048	8.144447	30.97894	5.83E-98	2.19E-96	211.8137
COX7A1	2.258262	4.538322	25.263	5.96E-78	9.57E-77	165.6573
ZNF146	1.624656	4.082482	23.93053	4.79E-73	6.51E-72	154.3467
ZNF260	1.250999	1.640704	25.75721	9.50E-80	1.61E-78	169.8028
ZNF790	1.158173	1.376285	24.77655	3.60E-76	5.44E-75	161.5503
ZNF585A	1.347393	2.722206	24.54026	2.66E-75	3.92E-74	159.5461
SIPA1L3	1.6951	3.014573	23.32014	9.01E-71	1.14E-69	149.1035
SPINT2	2.593727	7.889782	28.26185	1.15E-88	2.72E-87	190.371
CTB-102L5.4	1.013086	1.641831	10.77843	2.73E-23	1.17E-22	39.858
C19orf33	7.265106	5.043918	65.0571	1.45E-185	2.93E-181	414.006
YIF1B	1.646161	4.333862	26.43524	3.40E-82	6.28E-81	175.4444
PSMD8	1.745585	6.229313	24.62077	1.35E-75	2.00E-74	160.2297
SPRED3	1.075083	1.102409	9.593258	2.65E-19	1.04E-18	30.73704
FAM98C	1.031783	3.83518	16.46444	1.85E-44	1.22E-43	88.48511
MAP4K1	1.645055	1.668322	19.02612	2.17E-54	1.78E-53	111.3531
EIF3K	1.49955	7.31742	20.51781	3.83E-60	3.61E-59	124.6062
ACTN4	2.668917	6.839932	29.06265	1.90E-91	5.20E-90	196.7864
CAPN12	2.118955	3.338995	17.8491	7.92E-50	5.86E-49	100.8446
LGALS7	1.01432	0.636454	8.021797	2.03E-14	7.10E-14	19.59318
LGALS7B	1.812863	1.699689	10.30234	1.16E-21	4.79E-21	36.12979
LGALS4	4.484276	6.306534	28.39442	3.96E-89	9.61E-88	191.4385
ECH1	1.863362	6.6918	24.39569	9.09E-75	1.31E-73	158.3169
AC104534.3	1.842	1.045901	11.16188	1.26E-24	5.55E-24	42.91721
HNRNPL	1.690534	6.719867	24.55285	2.39E-75	3.53E-74	159.653
RINL	1.028417	3.126254	14.91377	1.74E-38	1.02E-37	74.74722
NFKBIB	1.775617	3.706994	27.91645	1.86E-87	4.18E-86	187.5795
MRPS12	1.626715	4.443297	23.97089	3.39E-73	4.64E-72	154.692
PAK4	1.342734	4.497495	17.27192	1.37E-47	9.70E-47	95.68837
SYCN	-8.08677	8.143178	-23.4638	2.62E-71	3.37E-70	150.3405
GMFG	3.013537	3.863835	32.26575	3.19E-102	1.51E-100	221.6466
TC-246B18.1	1.226134	1.608002	9.657164	1.64E-19	6.46E-19	31.21464
SAMD4B	1.774921	5.650724	23.8069	1.38E-72	1.85E-71	153.2878
PAF1	1.722932	4.559561	26.10098	5.43E-81	9.60E-80	172.6699
MED29	1.687265	3.787277	27.60888	2.26E-86	4.86E-85	185.0814
ZFP36	2.448873	6.390543	18.17255	4.40E-51	3.34E-50	103.7343
PLEKHG2	1.936076	2.989855	24.51934	3.18E-75	4.67E-74	159.3683
RPS16	1.015084	10.46193	9.755523	7.77E-20	3.09E-19	31.95309
SUPT5H	1.038579	5.730699	13.87728	1.50E-34	8.13E-34	65.69484
TIMM50	1.617244	4.69025	24.70585	6.55E-76	9.81E-75	160.9513
EID2	1.292019	2.356429	26.32103	8.75E-82	1.60E-80	174.4979
DYRK1B	1.393356	2.925545	20.41585	9.43E-60	8.80E-59	123.7039
FBL	1.311683	7.009473	16.24994	1.25E-43	8.13E-43	86.57555
FCGBP	1.863011	2.269316	14.25404	5.66E-36	3.14E-35	68.96919
PSMC4	2.275669	5.12485	33.88163	1.90E-107	1.22E-105	233.7014
C19orf47	1.465323	2.437493	29.37704	1.57E-92	4.51E-91	199.2833
PLD3	1.610205	6.754233	20.33654	1.90E-59	1.76E-58	123.0016

SERTAD1	2. 798452	3. 033903	39. 63178	6. 30E-125	1. 19E-122	274. 041
SERTAD3	2. 978292	3. 594471	41. 84784	3. 17E-131	9. 99E-129	288. 5769
BLVRB	1. 968514	5. 718311	24. 79916	2. 97E-76	4. 51E-75	161. 7418
SHKBP1	1. 713226	4. 956434	22. 51953	9. 15E-68	1. 06E-66	142. 1717
LTBP4	1. 8852	5. 279542	21. 4085	1. 50E-63	1. 55E-62	132. 4596
NUMBL	1. 410446	3. 122124	17. 47176	2. 31E-48	1. 65E-47	97. 47331
ADCK4	1. 214207	4. 054723	18. 13989	5. 89E-51	4. 46E-50	103. 4425
ITPKC	1. 91427	3. 780094	24. 70996	6. 32E-76	9. 48E-75	160. 9862
SNRPA	1. 701491	4. 888206	25. 29865	4. 42E-78	7. 12E-77	165. 9573
MIA	5. 353352	3. 168993	33. 9471	1. 18E-107	7. 64E-106	234. 183
RAB4B	1. 929816	4. 354231	27. 27644	3. 38E-85	6. 95E-84	182. 3685
EGLN2	2. 014759	4. 91087	30. 37362	6. 33E-96	2. 14E-94	207. 1165
CYP2B7P	1. 393675	0. 891893	15. 87927	3. 38E-42	2. 13E-41	83. 28136
CYP2S1	4. 458193	2. 454986	35. 12855	2. 21E-111	1. 81E-109	242. 7837
AXL	3. 024747	2. 785549	34. 32897	7. 21E-109	5. 09E-107	236. 9816
HNRNPUL1	1. 502121	5. 588394	22. 47241	1. 38E-67	1. 59E-66	141. 762
TGFB1	2. 813924	4. 094532	32. 97184	1. 60E-104	8. 66E-103	226. 9541
CCDC97	1. 176535	3. 441924	21. 30472	3. 72E-63	3. 80E-62	131. 5473
B9D2	1. 530038	2. 257455	29. 64278	1. 93E-93	5. 80E-92	201. 3842
BCKDHA	1. 014415	4. 05708	16. 20254	1. 91E-43	1. 23E-42	86. 15381
B3GNT8	1. 623983	1. 559375	25. 82255	5. 51E-80	9. 43E-79	170. 3488
LINC01480	1. 125731	0. 857998	18. 44984	3. 70E-52	2. 88E-51	106. 2109
AC006129. 2	1. 041775	0. 764293	13. 70751	6. 55E-34	3. 50E-33	64. 22633
CEACAM21	1. 318387	0. 884459	21. 49801	6. 83E-64	7. 11E-63	133. 2457
CEACAM5	6. 907393	3. 45929	32. 42575	9. 55E-103	4. 65E-101	222. 8547
CEACAM7	2. 923771	2. 178633	18. 18359	3. 99E-51	3. 03E-50	103. 8329
CEACAM6	7. 288499	4. 896718	45. 89229	3. 85E-142	3. 02E-139	313. 7735
RPS19	1. 161828	10. 89224	10. 62053	9. 56E-23	4. 04E-22	38. 61252
CD79A	2. 943485	1. 734763	19. 27877	2. 28E-55	1. 92E-54	113. 6045
ARHGEF1	1. 261963	5. 540311	15. 18176	1. 63E-39	9. 75E-39	77. 10789
RABAC1	1. 47447	6. 735422	19. 11035	1. 02E-54	8. 47E-54	112. 1039
ZNF574	1. 49186	2. 520833	30. 59627	1. 12E-96	3. 96E-95	208. 8496
DEDD2	1. 816038	4. 2741	26. 88138	8. 61E-84	1. 68E-82	179. 1272
ZNF526	1. 237641	1. 740603	33. 84353	2. 52E-107	1. 60E-105	233. 4209
GSK3A	1. 665997	4. 842932	28. 01088	8. 69E-88	1. 98E-86	188. 3441
ERF	1. 47458	4. 336872	20. 12216	1. 27E-58	1. 15E-57	121. 1016
PAFAH1B3	2. 209729	4. 025275	30. 92192	9. 04E-98	3. 36E-96	211. 3733
CNFN	1. 096894	1. 458986	13. 17789	6. 27E-32	3. 22E-31	59. 67613
LIPE-AS1	1. 161799	2. 435728	17. 63632	5. 30E-49	3. 85E-48	98. 94349
LIPE	1. 220837	2. 215519	13. 01097	2. 61E-31	1. 32E-30	58. 25264
CXCL17	1. 35814	4. 708375	7. 482228	7. 24E-13	2. 42E-12	16. 06593
CEACAM1	3. 781304	2. 804479	38. 63439	5. 14E-122	8. 21E-120	267. 3209
LYPD3	2. 426657	1. 750955	21. 6731	1. 47E-64	1. 56E-63	134. 7816
ETHE1	2. 301472	4. 995592	28. 06343	5. 68E-88	1. 31E-86	188. 7692
XRCC1	1. 512628	4. 01269	23. 98659	2. 97E-73	4. 07E-72	154. 8264
PINLYP	1. 591443	1. 735963	22. 91339	3. 01E-69	3. 65E-68	145. 5893
ZNF576	1. 635509	2. 921441	31. 71366	2. 09E-100	8. 93E-99	217. 4534
ZNF428	1. 417372	4. 304145	23. 559	1. 16E-71	1. 50E-70	151. 1597
PLAUR	5. 125348	4. 097683	54. 35569	7. 77E-163	3. 13E-159	361. 5423
SMG9	2. 285757	4. 164999	33. 31516	1. 24E-105	7. 21E-104	229. 5123
KCNN4	5. 732367	3. 358642	56. 85769	1. 84E-168	1. 01E-164	374. 5305
LYPD5	1. 391567	0. 894414	28. 66184	4. 64E-90	1. 19E-88	193. 5853
ZNF45	1. 040761	1. 894899	21. 57249	3. 55E-64	3. 73E-63	133. 8993
ZNF226	1. 468733	2. 911853	26. 19737	2. 44E-81	4. 36E-80	173. 4713

ZNF227	1. 300451	2. 234079	25. 31972	3. 70E-78	5. 99E-77	166. 1345
PVR	1. 462365	3. 730555	19. 71937	4. 53E-57	3. 97E-56	117. 5252
BCL3	1. 334309	5. 104227	11. 84638	4. 68E-27	2. 17E-26	48. 49074
CBLC	1. 829569	3. 894702	18. 91067	6. 06E-54	4. 92E-53	110. 3236
PVRL2	2. 76641	5. 578286	34. 78559	2. 62E-110	1. 99E-108	240. 3046
TOMM40	1. 766152	4. 218252	29. 59845	2. 74E-93	8. 15E-92	201. 0344
APOE	4. 198903	5. 644957	30. 31486	1. 00E-95	3. 34E-94	206. 6582
APOC1	5. 244557	4. 991724	37. 57332	7. 29E-119	9. 57E-117	260. 0469
APOC4-APOC2	2. 947698	2. 005579	28. 45339	2. 46E-89	6. 05E-88	191. 9127
APOC2	2. 597262	1. 584124	27. 70225	1. 06E-86	2. 31E-85	185. 8411
CLPTM1	1. 227257	5. 559035	18. 35995	8. 26E-52	6. 38E-51	105. 4082
RELB	2. 158187	3. 645237	23. 82808	1. 15E-72	1. 55E-71	153. 4692
ZNF296	1. 1975	0. 911147	24. 35104	1. 33E-74	1. 91E-73	157. 9368
GEMIN7	1. 624785	3. 594856	27. 10981	1. 32E-84	2. 66E-83	181. 0036
MARK4	1. 163822	3. 218906	21. 78507	5. 52E-65	5. 94E-64	135. 7626
PPP1R37	1. 337409	3. 797237	19. 66777	7. 17E-57	6. 24E-56	117. 0664
TRAPPC6A	1. 983181	4. 471121	28. 26352	1. 13E-88	2. 69E-87	190. 3845
BLOC1S3	1. 488112	2. 395676	32. 68249	1. 39E-103	7. 19E-102	224. 7866
CKM	-1. 01823	0. 798565	-12. 6113	7. 79E-30	3. 82E-29	54. 86753
ERCC2	1. 294528	3. 276118	24. 33874	1. 48E-74	2. 11E-73	157. 8319
PPP1R13L	2. 164442	4. 85292	23. 55717	1. 17E-71	1. 52E-70	151. 144
CD3EAP	1. 077921	1. 554388	20. 54229	3. 08E-60	2. 92E-59	124. 8227
ERCC1	1. 391614	5. 109958	22. 86972	4. 40E-69	5. 31E-68	145. 2111
FOSB	2. 265766	2. 698099	12. 7132	3. 29E-30	1. 63E-29	55. 72732
RTN2	2. 170893	2. 737873	33. 6641	9. 43E-107	5. 81E-105	232. 0975
PPM1N	1. 970224	1. 326418	30. 5758	1. 32E-96	4. 62E-95	208. 6906
VASP	3. 59448	5. 195308	44. 67516	6. 23E-139	3. 63E-136	306. 365
OPA3	1. 186516	1. 852161	29. 19082	6. 87E-92	1. 92E-90	197. 8058
GPR4	1. 182784	1. 798307	18. 40538	5. 50E-52	4. 27E-51	105. 8139
EML2	1. 267556	4. 744516	17. 82895	9. 48E-50	7. 00E-49	100. 6646
SNRPD2	2. 148576	7. 108554	27. 23416	4. 78E-85	9. 76E-84	182. 0225
FBXO46	1. 074109	2. 718743	18. 3674	7. 73E-52	5. 97E-51	105. 4747
SIX5	-1. 02823	3. 541958	-13. 2096	4. 78E-32	2. 46E-31	59. 94742
AC074212. 6	-1. 15635	1. 550203	-21. 1838	1. 08E-62	1. 09E-61	130. 4835
DMWD	1. 015643	3. 652076	17. 31504	9. 35E-48	6. 61E-47	96. 07342
SYMPK	1. 494143	4. 656634	21. 24091	6. 53E-63	6. 63E-62	130. 986
IRF2BP1	1. 005651	3. 221932	17. 74762	1. 96E-49	1. 44E-48	99. 93783
CCDC61	1. 192965	2. 881771	21. 31693	3. 35E-63	3. 42E-62	131. 6546
IGFL2	4. 268593	2. 086535	34. 50565	1. 99E-109	1. 46E-107	238. 2704
AC006262. 5	1. 695724	0. 861188	12. 8085	1. 46E-30	7. 30E-30	56. 53351
KFZp434J022	1. 070948	0. 717454	16. 10015	4. 75E-43	3. 04E-42	85. 24339
IGFL1	1. 331634	0. 652883	10. 44227	3. 89E-22	1. 62E-21	37. 21705
PPP5C	1. 274819	4. 663611	20. 13391	1. 15E-58	1. 04E-57	121. 2057
CALM3	1. 783412	6. 34778	25. 70299	1. 49E-79	2. 52E-78	169. 3494
DACT3	1. 926818	1. 436989	27. 28734	3. 10E-85	6. 37E-84	182. 4577
PRKD2	1. 838287	4. 535579	25. 72153	1. 28E-79	2. 17E-78	169. 5045
STRN4	1. 003397	4. 862723	14. 99814	8. 25E-39	4. 86E-38	75. 48967
SLC1A5	2. 492746	4. 809547	28. 51542	1. 50E-89	3. 72E-88	192. 411
AP2S1	2. 084411	5. 878888	30. 07628	6. 44E-95	2. 08E-93	204. 7924
ARHGAP35	1. 060318	2. 907312	18. 02271	1. 68E-50	1. 26E-49	102. 3957
ZC3H4	1. 012769	2. 97737	18. 38855	6. 40E-52	4. 95E-51	105. 6636
SAE1	2. 14237	4. 572928	34. 50911	1. 94E-109	1. 42E-107	238. 2956
BBC3	1. 368913	3. 0333	15. 41974	1. 99E-40	1. 21E-39	79. 20985
C5AR1	2. 045653	2. 429074	21. 69923	1. 17E-64	1. 25E-63	135. 0107

MEIS3	2. 186664	2. 522982	25. 79627	6. 86E-80	1. 17E-78	170. 1292
NAPA	1. 247616	6. 072765	18. 59546	1. 01E-52	7. 95E-52	107. 511
EHD2	2. 074471	4. 512184	25. 92504	2. 34E-80	4. 06E-79	171. 2042
SEPW1	2. 537789	7. 400218	30. 44402	3. 66E-96	1. 26E-94	207. 6652
EMP3	3. 753591	4. 522007	40. 15677	1. 93E-126	4. 06E-124	277. 5333
KDELR1	1. 868174	6. 559773	26. 38386	5. 20E-82	9. 56E-81	175. 0188
GRIN2D	1. 938198	1. 024496	24. 26946	2. 66E-74	3. 78E-73	157. 2417
GRWD1	1. 303514	3. 377771	22. 51933	9. 17E-68	1. 06E-66	142. 1701
CYTH2	1. 816475	5. 005883	25. 76461	8. 93E-80	1. 52E-78	169. 8646
SULT2B1	2. 823291	1. 73284	27. 99238	1. 01E-87	2. 29E-86	188. 1945
FAM83E	4. 275324	2. 740607	40. 66992	6. 61E-128	1. 54E-125	280. 9174
DBP	1. 416832	3. 16508	17. 58756	8. 20E-49	5. 93E-48	98. 50777
CA11	1. 118421	2. 826644	17. 36952	5. 75E-48	4. 08E-47	96. 56007
FUT2	2. 591779	3. 411175	20. 99824	5. 52E-62	5. 46E-61	128. 8489
IZUMO1	-1. 6076	1. 039476	-20. 2614	3. 70E-59	3. 40E-58	122. 3362
FUT1	-1. 49697	2. 308132	-17. 5898	8. 03E-49	5. 81E-48	98. 52806
HSD17B14	2. 202189	2. 223058	28. 05817	5. 93E-88	1. 36E-86	188. 7267
PLEKHA4	2. 239994	3. 621712	29. 4609	8. 11E-93	2. 35E-91	199. 9472
PPP1R15A	2. 527278	4. 577991	26. 60745	8. 20E-83	1. 55E-81	176. 8688
NUCB1	1. 95161	6. 867974	25. 45343	1. 21E-78	1. 98E-77	167. 2579
DHDH	1. 243545	0. 783552	12. 16095	3. 43E-28	1. 63E-27	51. 09574
BAX	2. 643572	5. 658305	35. 47322	1. 86E-112	1. 62E-110	245. 2608
FTL	2. 668615	10. 6681	25. 34727	2. 94E-78	4. 76E-77	166. 3662
GYS1	1. 417558	3. 45639	23. 82921	1. 14E-72	1. 53E-71	153. 479
RUVBL2	1. 81007	4. 958985	28. 75712	2. 17E-90	5. 62E-89	194. 3481
LHB	-1. 18164	1. 781425	-11. 066	2. 74E-24	1. 20E-23	42. 14758
CGB	1. 295987	0. 62609	8. 235637	4. 72E-15	1. 67E-14	21. 03632
CGB5	3. 102327	1. 484232	15. 22349	1. 13E-39	6. 76E-39	77. 47612
CGB8	2. 270053	1. 083219	15. 41504	2. 08E-40	1. 26E-39	79. 16829
CGB7	1. 27329	0. 731999	15. 41138	2. 14E-40	1. 30E-39	79. 13596
NTF4	1. 363906	0. 689395	17. 14581	4. 24E-47	2. 96E-46	94. 56225
TRPM4	2. 003137	4. 010089	23. 61082	7. 41E-72	9. 67E-71	151. 605
SLC6A16	-1. 13725	1. 3307	-21. 6765	1. 43E-64	1. 52E-63	134. 8118
CD37	2. 865815	3. 394977	25. 42652	1. 51E-78	2. 47E-77	167. 032
CCDC155	-1. 04096	0. 676977	-27. 9424	1. 51E-87	3. 40E-86	187. 7898
PIH1D1	1. 389883	5. 384487	22. 31281	5. 52E-67	6. 27E-66	140. 3725
FLT3LG	1. 859662	2. 471672	27. 57026	3. 09E-86	6. 61E-85	184. 767
RPS11	1. 242981	10. 82167	12. 22567	1. 99E-28	9. 54E-28	51. 63474
FCGRT	1. 936843	6. 07583	27. 35208	1. 83E-85	3. 79E-84	182. 987
RCN3	3. 247425	4. 169111	32. 2841	2. 78E-102	1. 32E-100	221. 7853
PRRG2	1. 037457	3. 180855	17. 24756	1. 71E-47	1. 20E-46	95. 47075
PRR12	1. 273127	2. 950849	21. 54016	4. 72E-64	4. 94E-63	133. 6157
RRAS	3. 208804	5. 183081	38. 56179	8. 41E-122	1. 33E-119	266. 8273
SCAF1	1. 546172	3. 862922	27. 01251	2. 93E-84	5. 84E-83	180. 2052
IRF3	1. 104271	5. 644632	13. 6754	8. 65E-34	4. 61E-33	63. 94905
BCL2L12	1. 283824	3. 607856	21. 92139	1. 68E-65	1. 83E-64	136. 9556
PRMT1	1. 645912	5. 869081	22. 62699	3. 60E-68	4. 23E-67	143. 1056
CPT1C	1. 823392	2. 145893	23. 39277	4. 82E-71	6. 16E-70	149. 7293
AP2A1	1. 21113	4. 986534	16. 70601	2. 15E-45	1. 45E-44	90. 63798
MED25	1. 177834	4. 462045	18. 22221	2. 83E-51	2. 15E-50	104. 1779
AKT1S1	1. 1998	4. 428326	20. 06011	2. 20E-58	1. 99E-57	120. 5511
IL4I1	2. 361113	1. 463022	32. 17389	6. 38E-102	2. 96E-100	220. 9516
NUP62	1. 657573	4. 000805	27. 89137	2. 28E-87	5. 11E-86	187. 3763
ATF5	1. 367927	3. 872549	18. 70415	3. 82E-53	3. 04E-52	108. 4811

VRK3	1. 134874	4. 095564	18. 97984	3. 27E-54	2. 67E-53	110. 9404
MYH14	3. 273389	4. 668228	37. 05615	2. 63E-117	3. 10E-115	256. 4541
CTB-191K22. 5	4. 367314	3. 323773	35. 30013	6. 43E-112	5. 45E-110	244. 0186
NR1H2	1. 575876	4. 870024	24. 63801	1. 16E-75	1. 73E-74	160. 376
NAPSB	3. 07283	2. 284742	28. 3561	5. 38E-89	1. 30E-87	191. 1302
POLD1	1. 522679	3. 236006	21. 40392	1. 56E-63	1. 61E-62	132. 4193
SPIB	1. 974866	1. 49847	17. 18095	3. 10E-47	2. 17E-46	94. 87595
EMC10	1. 880363	5. 858947	25. 3043	4. 21E-78	6. 80E-77	166. 0049
CTD-2545M3. 2	1. 085265	0. 540551	7. 149881	6. 02E-12	1. 96E-11	13. 97901
JOSD2	1. 685413	4. 424797	21. 47917	8. 05E-64	8. 38E-63	133. 0802
CLEC11A	2. 879154	3. 272454	32. 86989	3. 42E-104	1. 82E-102	226. 1916
KLK1	-5. 36136	7. 908963	-24. 0786	1. 35E-73	1. 88E-72	155. 6132
KLK6	4. 923791	2. 395888	30. 31865	9. 71E-96	3. 25E-94	206. 6878
KLK7	4. 318136	2. 141792	25. 40386	1. 83E-78	2. 99E-77	166. 8417
KLK8	3. 832969	1. 914274	22. 52587	8. 66E-68	1. 01E-66	142. 2269
KLK10	5. 635715	3. 034614	39. 10961	2. 08E-123	3. 55E-121	270. 5368
CTC-518B2. 1	1. 835006	0. 890978	16. 584	6. 38E-45	4. 26E-44	89. 55034
KLK11	1. 280606	4. 790283	9. 24897	3. 43E-18	1. 31E-17	28. 19459
SIGLEC9	1. 074324	1. 207908	9. 631802	1. 98E-19	7. 80E-19	31. 02489
SIGLEC7	1. 273912	0. 980976	20. 74321	5. 23E-61	5. 06E-60	126. 5986
CD33	1. 150016	1. 635146	9. 735581	9. 04E-20	3. 59E-19	31. 80304
VSIG10L	1. 447163	1. 077642	22. 8534	5. 06E-69	6. 10E-68	145. 0697
ETFB	2. 243981	5. 794917	29. 48151	6. 89E-93	2. 01E-91	200. 1103
NKG7	2. 445258	1. 959138	27. 32646	2. 25E-85	4. 66E-84	182. 7776
SIGLEC10	1. 411026	1. 67861	14. 1002	2. 16E-35	1. 19E-34	67. 62975
SIGLEC14	1. 247753	0. 942993	16. 04907	7. 48E-43	4. 78E-42	84. 78934
HAS1	1. 116592	0. 697723	11. 10618	1. 98E-24	8. 68E-24	42. 46986
FPR1	2. 174135	2. 024171	21. 75915	6. 93E-65	7. 43E-64	135. 5356
FPR3	2. 456478	1. 813827	25. 50877	7. 58E-79	1. 25E-77	167. 7223
ZNF649	1. 021511	1. 534176	18. 55502	1. 45E-52	1. 13E-51	107. 15
ZNF350	1. 011672	2. 001483	20. 49949	4. 50E-60	4. 24E-59	124. 4441
ZNF836	1. 132895	2. 288166	21. 24053	6. 55E-63	6. 65E-62	130. 9827
PPP2R1A	2. 237689	6. 290613	31. 37858	2. 70E-99	1. 08E-97	214. 8897
ZNF766	1. 227178	2. 221273	24. 15588	7. 00E-74	9. 82E-73	156. 2729
ZNF480	1. 815201	2. 324171	32. 40873	1. 09E-102	5. 25E-101	222. 7264
ZNF880	1. 455584	2. 517866	21. 70599	1. 10E-64	1. 18E-63	135. 0699
RPL39P34	1. 079913	1. 662465	7. 41753	1. 10E-12	3. 65E-12	15. 65441
ZNF28	1. 343036	2. 274874	20. 00379	3. 63E-58	3. 26E-57	120. 0514
ZNF468	1. 086713	2. 102407	18. 21961	2. 89E-51	2. 20E-50	104. 1548
ZNF816	1. 128548	1. 939929	18. 87124	8. 62E-54	6. 96E-53	109. 9719
MYADM	3. 012924	4. 900239	33. 76662	4. 43E-107	2. 79E-105	232. 8542
OSCAR	2. 216069	1. 623255	28. 60562	7. 28E-90	1. 84E-88	193. 1348
NDUFA3	1. 840842	6. 559413	25. 53943	5. 87E-79	9. 72E-78	167. 9795
TFPT	2. 601465	3. 384632	39. 34865	4. 18E-124	7. 41E-122	272. 1447
PRPF31	1. 651211	4. 514465	28. 92279	5. 78E-91	1. 54E-89	195. 6717
LENG1	1. 050462	2. 705452	20. 36277	1. 51E-59	1. 40E-58	123. 2339
TMC4	1. 15735	5. 427773	12. 89737	6. 88E-31	3. 45E-30	57. 28707
MBOAT7	1. 693311	4. 878183	21. 21584	8. 13E-63	8. 25E-62	130. 7654
TSEN34	1. 240762	4. 694365	19. 39409	8. 17E-56	6. 93E-55	114. 6315
LILRB3	1. 070285	1. 927702	11. 07474	2. 55E-24	1. 12E-23	42. 21784
LILRA6	1. 136458	1. 211056	14. 46202	9. 18E-37	5. 18E-36	70. 78509
LILRB2	1. 514168	1. 555341	18. 81705	1. 40E-53	1. 12E-52	109. 4885
LILRA5	1. 355923	1. 143006	18. 05167	1. 30E-50	9. 72E-50	102. 6545
LAIR1	2. 434497	2. 912939	23. 10103	5. 96E-70	7. 37E-69	147. 2124

TTYH1	-1.43979	2.956135	-13.4013	9.21E-33	4.81E-32	61.58947
LENG8	-1.24651	6.516608	-11.7549	9.96E-27	4.59E-26	47.73829
CDC42EP5	3.696121	4.454804	35.1458	1.95E-111	1.60E-109	242.908
LILRA2	1.317375	1.181121	18.1298	6.45E-51	4.87E-50	103.3525
LILRB1	1.073805	1.289704	13.38447	1.06E-32	5.55E-32	61.44506
LILRB4	2.723299	2.106367	28.80292	1.50E-90	3.94E-89	194.7143
RDH13	1.234236	3.736931	16.53979	9.46E-45	6.29E-44	89.15635
EPS8L1	3.079714	5.308663	26.79821	1.70E-83	3.30E-82	178.4425
TNNT1	2.070622	1.842615	13.07198	1.55E-31	7.89E-31	58.77234
PTPRH	2.825433	2.965922	28.22679	1.52E-88	3.59E-87	190.0883
PPP6R1	2.183396	4.233797	34.82397	1.98E-110	1.53E-108	240.5828
HSPBP1	1.586785	4.224103	25.03135	4.19E-77	6.51E-76	163.7048
TMEM150B	2.247674	1.324809	22.07057	4.56E-66	5.04E-65	138.2593
COX6B2	2.381713	1.3524	20.68204	8.97E-61	8.62E-60	126.0581
IL11	1.524141	0.9192	19.05294	1.71E-54	1.40E-53	111.5922
RPL28	1.819621	10.19581	17.19492	2.73E-47	1.92E-46	95.0007
UBE2S	3.205287	3.291239	46.49609	1.04E-143	8.96E-141	317.3953
ISOC2	1.530237	4.92307	23.88753	6.92E-73	9.37E-72	153.9786
NAT14	2.109511	3.255063	28.04768	6.45E-88	1.48E-86	188.6418
SSC5D	2.676749	1.985089	30.94424	7.61E-98	2.84E-96	211.5458
CCDC106	1.250226	2.789154	19.22319	3.74E-55	3.13E-54	113.1094
U2AF2	1.20666	5.961041	16.53635	9.76E-45	6.48E-44	89.12569
TC-444N24.8	1.250949	1.805276	26.50918	1.85E-82	3.44E-81	176.0564
TRAPPC2B	2.125619	2.792062	39.92137	9.18E-126	1.85E-123	275.9712
ZNF416	1.09578	1.089152	32.56945	3.24E-103	1.63E-101	223.937
ZNF134	1.233722	2.047714	21.39047	1.75E-63	1.81E-62	132.301
ZNF586	1.04571	1.841449	21.61769	2.39E-64	2.52E-63	134.2958
ZNF552	1.046564	1.870534	19.81929	1.87E-57	1.65E-56	118.413
ZNF274	1.08622	2.955012	16.60389	5.34E-45	3.57E-44	89.72759
ERVK3-1	1.183565	4.434159	21.03487	4.00E-62	3.97E-61	129.1718
ZBTB45	1.094503	2.546953	21.11577	1.96E-62	1.96E-61	129.8845
TRIM28	1.227581	7.297056	14.84729	3.12E-38	1.82E-37	74.16275
CHMP2A	2.070814	6.512502	29.65462	1.76E-93	5.29E-92	201.4776
UBE2M	1.776999	4.938939	28.74226	2.44E-90	6.32E-89	194.2292
CENPBD1P1	1.099007	3.610004	19.60391	1.26E-56	1.09E-55	116.4985
ZCCHC3	1.340483	2.594573	29.47889	7.03E-93	2.05E-91	200.0895
NRSN2	1.260255	3.590052	16.64658	3.65E-45	2.45E-44	90.10811
RBCK1	1.111601	5.65641	14.28159	4.45E-36	2.47E-35	69.20944
CSNK2A1	1.41568	4.255002	21.52456	5.41E-64	5.65E-63	133.4787
SRXN1	1.363758	3.356376	19.62446	1.05E-56	9.14E-56	116.6813
SLC52A3	2.408873	1.753289	36.70923	2.96E-116	3.32E-114	254.0264
FAM110A	2.086054	2.567528	30.91006	9.91E-98	3.67E-96	211.2816
PSMF1	1.290755	5.678321	18.21379	3.05E-51	2.32E-50	104.1027
SDCBP2	3.38474	4.460975	28.62443	6.26E-90	1.59E-88	193.2855
FKBP1A	2.047784	6.504833	28.13213	3.27E-88	7.58E-87	189.3243
NSFL1C	1.849733	4.748856	30.31136	1.03E-95	3.43E-94	206.6308
SIRPB2	1.0452	1.069475	15.26603	7.76E-40	4.66E-39	77.85164
SIRPB1	1.266435	0.96687	16.44049	2.29E-44	1.51E-43	88.27171
SIRPG	1.323138	0.764399	20.296	2.72E-59	2.51E-58	122.6425
SIRPA	1.838856	3.397038	21.97676	1.03E-65	1.13E-64	137.4397
SNRPB	2.505045	6.045551	34.80917	2.21E-110	1.69E-108	240.4755
CPXM1	3.263187	2.576932	28.75588	2.19E-90	5.68E-89	194.3382
PTPRA	1.814903	4.066006	29.84292	4.01E-94	1.24E-92	202.9607
FASTKD5	1.251652	2.114226	26.04061	8.96E-81	1.57E-79	172.1673

ITPA	1.7359	5.041946	24.8066	2.79E-76	4.24E-75	161.8048
SLC4A11	2.602887	1.556511	30.36979	6.52E-96	2.20E-94	207.0867
SIGLEC1	1.368104	1.328498	16.33626	5.80E-44	3.79E-43	87.34373
HSPA12B	1.125656	1.539763	18.11941	7.08E-51	5.34E-50	103.2596
C20orf27	1.510013	3.924881	24.127	8.95E-74	1.25E-72	156.0263
CENPB	1.625701	4.708569	25.66238	2.10E-79	3.52E-78	169.0095
CDC25B	1.792934	3.510571	22.44491	1.75E-67	2.02E-66	141.5228
PANK2	1.391137	3.622597	24.40066	8.72E-75	1.26E-73	158.3591
RNF24	1.497266	2.111636	21.18103	1.10E-62	1.12E-61	130.4591
SMOX	2.166915	3.402795	28.86256	9.35E-91	2.47E-89	195.1909
PRNP	2.349567	4.347305	30.29297	1.19E-95	3.95E-94	206.4873
RASSF2	2.13769	1.916961	24.40718	8.25E-75	1.19E-73	158.4146
TMEM230	1.440136	5.596928	22.60396	4.40E-68	5.15E-67	142.9056
PCNA	2.092514	4.674418	30.41272	4.67E-96	1.60E-94	207.4214
CDS2	1.650151	2.886706	30.24243	1.76E-95	5.82E-94	206.0926
C20orf196	1.266081	2.13812	26.54003	1.43E-82	2.68E-81	176.3116
CHGB	1.182323	4.337728	5.867443	1.11E-08	3.24E-08	6.599197
TRMT6	1.129696	2.640724	22.54811	7.14E-68	8.31E-67	142.4203
CRLS1	1.170915	4.896002	19.58385	1.51E-56	1.31E-55	116.3201
FERMT1	3.366397	2.395132	44.08394	2.38E-137	1.20E-134	302.7132
BMP2	1.747762	2.264943	24.45591	5.45E-75	7.93E-74	158.8291
TMX4	1.474267	2.984283	23.11082	5.47E-70	6.79E-69	147.297
PLCB4	1.580907	1.393703	21.39457	1.69E-63	1.74E-62	132.3371
LAMP5	3.859895	2.056403	41.1139	3.64E-129	9.67E-127	283.822
MKKS	1.450737	3.557923	26.89134	7.93E-84	1.55E-82	179.2092
JAG1	1.657309	4.064299	21.53294	5.02E-64	5.26E-63	133.5523
ISM1	1.977553	2.080795	19.93108	6.92E-58	6.17E-57	119.4059
ESF1	1.051138	2.275114	19.31064	1.72E-55	1.45E-54	113.8884
NDUFAF5	1.122858	3.24848	21.66123	1.63E-64	1.73E-63	134.6776
MACROD2	1.34459	1.331459	16.62169	4.56E-45	3.05E-44	89.88625
FLRT3	1.696837	1.435891	21.12904	1.75E-62	1.75E-61	130.0014
KIF16B	1.219871	2.082024	22.3591	3.69E-67	4.22E-66	140.7758
SNRPB2	2.121167	4.301964	35.92348	7.54E-114	7.27E-112	248.4751
PCSK2	1.027254	2.181023	6.628927	1.45E-10	4.53E-10	10.84765
DSTN	1.315692	7.582913	15.83004	5.24E-42	3.29E-41	82.84443
BANF2	-1.08208	0.809066	-16.998	1.59E-46	1.10E-45	93.24273
SNX5	1.369087	5.088619	20.89723	1.34E-61	1.32E-60	127.9581
OVOL2	1.32441	2.671653	18.57537	1.21E-52	9.49E-52	107.3317
MGME1	1.279459	2.751301	24.38972	9.57E-75	1.38E-73	158.266
PET117	1.223857	2.867265	24.03756	1.92E-73	2.65E-72	155.2622
RBBP9	1.417364	2.02863	30.11307	4.83E-95	1.57E-93	205.0806
LINC00493	1.096909	5.747557	16.72651	1.79E-45	1.21E-44	90.82075
DTD1	1.664985	3.895975	29.63091	2.12E-93	6.34E-92	201.2905
SLC24A3	2.278158	1.48898	34.78915	2.55E-110	1.94E-108	240.3304
RP1-122P22.4	1.68892	0.951045	18.00148	2.03E-50	1.52E-49	102.2061
RIN2	1.664145	3.419987	24.77787	3.56E-76	5.38E-75	161.5615
NAA20	1.075564	5.237287	16.42264	2.69E-44	1.77E-43	88.11276
CRNKL1	1.952164	3.175792	39.67366	4.77E-125	9.15E-123	274.3207
XRN2	1.213911	4.239883	17.21408	2.30E-47	1.62E-46	95.17179
LINC00261	-1.68263	2.974161	-16.1133	4.22E-43	2.71E-42	85.36041
THBD	1.855985	2.72023	21.92641	1.60E-65	1.75E-64	136.9995
CD93	2.251978	2.920161	25.17883	1.21E-77	1.92E-76	164.9487
NXT1	1.970298	3.389821	34.61019	9.32E-110	6.93E-108	239.0312
CST3	1.641194	8.691641	17.97261	2.63E-50	1.96E-49	101.9481

CST4	1.962222	0.93741	19.21387	4.07E-55	3.40E-54	113.0264
CST1	6.573765	3.187252	40.21964	1.28E-126	2.71E-124	277.9495
CST2	4.205427	2.151661	35.48365	1.73E-112	1.50E-110	245.3355
SYNDIG1	2.066158	1.181834	28.77697	1.85E-90	4.81E-89	194.5069
CST7	2.630898	1.918895	30.14346	3.81E-95	1.24E-93	205.3185
APMAP	1.744911	4.923652	27.64403	1.70E-86	3.68E-85	185.3676
RP4-738P15.6	2.482913	2.241975	14.62935	2.12E-37	1.21E-36	72.24988
PYGB	2.952597	4.883035	34.20092	1.83E-108	1.26E-106	236.0452
GINS1	1.39174	0.892945	31.09707	2.35E-98	8.99E-97	212.7251
FRG1B	1.073207	2.79999	15.89201	3.02E-42	1.91E-41	83.39439
ID1	2.872054	5.249945	24.75616	4.28E-76	6.45E-75	161.3777
COX4I2	1.354907	1.644844	22.10736	3.31E-66	3.67E-65	138.5806
BCL2L1	2.622794	5.542017	32.12991	8.90E-102	4.09E-100	220.6184
TPX2	3.223398	1.733418	45.94143	2.86E-142	2.31E-139	314.0696
MYLK2	-1.28667	1.359467	-14.5357	4.81E-37	2.73E-36	71.43003
FOXS1	2.675458	1.699659	33.01799	1.13E-104	6.22E-103	227.2988
PDRG1	1.49419	2.924404	32.5171	4.81E-103	2.39E-101	223.543
HCK	2.591593	2.331686	28.86054	9.50E-91	2.51E-89	195.1748
TM9SF4	1.547912	4.287159	26.15831	3.37E-81	6.01E-80	173.1466
TSFY26P	1.062224	1.062862	26.18561	2.69E-81	4.80E-80	173.3735
POFUT1	1.354248	3.278547	23.61305	7.27E-72	9.49E-71	151.6242
KIF3B	1.021811	3.617341	18.32246	1.15E-51	8.88E-51	105.0734
NOL4L	1.361205	2.973789	24.283	2.37E-74	3.37E-73	157.3571
COMMD7	1.787583	4.804683	31.15398	1.51E-98	5.86E-97	213.1635
MAPRE1	2.103586	4.696112	31.19618	1.10E-98	4.26E-97	213.4883
BPIFB1	2.643039	1.318026	16.62109	4.58E-45	3.07E-44	89.88086
E2F1	2.068717	1.406899	36.20037	1.06E-114	1.08E-112	250.4398
PXMP4	1.161875	2.028663	27.05758	2.03E-84	4.05E-83	180.5752
CHMP4B	2.533326	6.128003	35.88314	1.00E-113	9.53E-112	248.1882
RALY	2.016132	5.912506	29.98333	1.33E-94	4.24E-93	204.0636
EIF2S2	1.347047	4.929681	22.3747	3.22E-67	3.68E-66	140.9116
ITCH	1.259806	3.015617	21.2095	8.60E-63	8.72E-62	130.7096
DYNLRB1	2.55992	6.528652	36.38217	2.94E-115	3.10E-113	251.7247
MAP1LC3A	1.636213	4.507472	20.40672	1.02E-59	9.53E-59	123.6231
PIGU	2.002878	3.348068	39.61478	7.06E-125	1.33E-122	273.9274
NCOA6	1.498667	3.169092	30.53139	1.86E-96	6.45E-95	208.3453
TP53INP2	1.91887	2.761942	27.30405	2.70E-85	5.57E-84	182.5944
ACSS2	1.152788	4.146382	16.42562	2.62E-44	1.72E-43	88.13934
GSS	2.413282	3.85886	41.01915	6.75E-129	1.75E-126	283.204
EDEM2	1.099962	4.112995	19.99169	4.04E-58	3.62E-57	119.944
PROCR	2.602957	3.367179	32.23844	3.92E-102	1.84E-100	221.4401
MMP24-AS1	1.29663	5.260239	18.60322	9.41E-53	7.42E-52	107.5802
EIF6	2.676792	6.202224	37.37745	2.82E-118	3.54E-116	258.6899
CEP250	1.10236	2.803696	18.59758	9.90E-53	7.80E-52	107.53
ERGIC3	1.590009	7.11838	22.63902	3.24E-68	3.82E-67	143.2101
FER1L4	3.153704	2.203377	23.68689	3.86E-72	5.09E-71	152.2584
CPNE1	1.41169	6.213658	17.36696	5.88E-48	4.18E-47	96.53712
RBM12	1.314259	3.174177	21.62456	2.25E-64	2.38E-63	134.356
ROMO1	2.154592	6.581912	28.31471	7.51E-89	1.80E-87	190.7969
PHF20	1.822128	3.041969	34.89954	1.15E-110	9.01E-109	241.1298
SCAND1	1.100106	5.184362	11.54245	5.71E-26	2.59E-25	45.99927
LINC00657	1.874038	5.403188	27.19769	6.44E-85	1.31E-83	181.7239
EPB41L1	2.433216	4.344801	28.53082	1.32E-89	3.29E-88	192.5347
AAR2	1.590115	3.700986	30.39818	5.23E-96	1.78E-94	207.3081

DLGAP4	1. 208465	4. 856913	18. 61152	8. 74E-53	6. 89E-52	107. 6543
MYL9	3. 59918	6. 532502	32. 47156	6. 77E-103	3. 33E-101	223. 2
TGIF2	1. 01022	3. 012625	20. 0927	1. 65E-58	1. 49E-57	120. 8403
JIF2-C20orf2	1. 209562	0. 747846	16. 26762	1. 07E-43	6. 96E-43	86. 73279
C20orf24	2. 145063	5. 546993	31. 62404	4. 15E-100	1. 75E-98	216. 7691
NDRG3	1. 416555	3. 300708	26. 83835	1. 23E-83	2. 38E-82	178. 7731
DSN1	1. 42751	2. 265007	29. 14668	9. 75E-92	2. 71E-90	197. 455
SOGA1	1. 198603	1. 564687	24. 82291	2. 43E-76	3. 71E-75	161. 9429
TLDC2	1. 031161	1. 824227	12. 20599	2. 35E-28	1. 12E-27	51. 4707
RPN2	1. 787953	6. 572836	25. 5909	3. 81E-79	6. 37E-78	168. 4109
MANBAL	1. 786102	4. 929314	27. 63643	1. 80E-86	3. 91E-85	185. 3057
SRC	1. 397193	4. 999113	16. 82055	7. 74E-46	5. 26E-45	91. 65946
BLCAP	2. 200968	4. 613126	33. 60467	1. 46E-106	8. 89E-105	231. 6582
CTNNBL1	2. 400399	4. 366115	40. 43188	3. 15E-127	7. 04E-125	279. 3512
VSTM2L	3. 585033	2. 587228	25. 04377	3. 77E-77	5. 88E-76	163. 8097
RPRD1B	1. 005321	3. 128757	17. 79916	1. 24E-49	9. 12E-49	100. 3983
TGM2	3. 851883	5. 216253	28. 71045	3. 15E-90	8. 11E-89	193. 9746
KIAA1755	2. 001871	1. 604486	29. 04779	2. 14E-91	5. 83E-90	196. 6681
BPI	1. 133051	0. 665837	21. 5307	5. 12E-64	5. 36E-63	133. 5326
SNHG17	1. 244242	4. 444089	15. 02702	6. 40E-39	3. 78E-38	75. 74399
SNHG11	1. 048487	3. 067443	18. 59435	1. 02E-52	8. 02E-52	107. 5011
PPP1R16B	1. 03883	1. 170708	14. 08326	2. 51E-35	1. 37E-34	67. 48242
FAM83D	2. 349997	1. 297782	28. 21728	1. 64E-88	3. 87E-87	190. 0116
DHX35	1. 074274	2. 226317	22. 79595	8. 33E-69	9. 96E-68	144. 5717
MAFB	2. 060792	3. 159211	20. 39116	1. 17E-59	1. 09E-58	123. 4853
TOP1	1. 898452	4. 118564	27. 73097	8. 37E-87	1. 83E-85	186. 0745
PLCG1	1. 074374	4. 343399	13. 77838	3. 55E-34	1. 90E-33	64. 83876
IFT52	1. 801321	3. 624502	33. 66027	9. 70E-107	5. 97E-105	232. 0692
MYBL2	1. 119045	2. 788445	14. 78479	5. 40E-38	3. 14E-37	73. 61359
TOX2	1. 343945	1. 347275	20. 34995	1. 69E-59	1. 56E-58	123. 1204
JPH2	1. 059516	0. 707212	16. 12743	3. 72E-43	2. 40E-42	85. 48587
OSER1	1. 45414	3. 957136	22. 82784	6. 32E-69	7. 59E-68	144. 8482
HNF4A	1. 381588	3. 231355	16. 21825	1. 66E-43	1. 07E-42	86. 29355
SERINC3	1. 91069	4. 795584	28. 7969	1. 58E-90	4. 12E-89	194. 6662
PKIG	1. 919772	4. 370541	26. 14754	3. 69E-81	6. 56E-80	173. 0571
ADA	1. 478489	2. 551921	21. 46949	8. 77E-64	9. 12E-63	132. 9952
YWHAB	2. 597641	5. 614768	37. 86229	9. 98E-120	1. 37E-117	262. 0408
PABPC1L	-1. 22349	4. 648597	-11. 8237	5. 65E-27	2. 62E-26	48. 30392
TOMM34	1. 893966	3. 782869	31. 72262	1. 96E-100	8. 36E-99	217. 5217
STK4	1. 808486	2. 460654	32. 7529	8. 20E-104	4. 28E-102	225. 315
PI3	5. 203969	3. 048396	34. 79049	2. 53E-110	1. 93E-108	240. 3401
SLPI	5. 294038	5. 98297	37. 01954	3. 39E-117	3. 97E-115	256. 1986
MATN4	-1. 26828	0. 946495	-30. 2649	1. 48E-95	4. 91E-94	206. 2682
RBPJL	-7. 18776	4. 942881	-44. 3721	4. 02E-138	2. 17E-135	304. 4974
SDC4	2. 798729	6. 154112	30. 51219	2. 15E-96	7. 46E-95	208. 1959
SYS1	1. 491241	3. 756896	25. 45653	1. 17E-78	1. 93E-77	167. 284
DBNDD2	2. 252861	5. 024461	29. 63889	1. 99E-93	5. 97E-92	201. 3535
PIGT	1. 823482	5. 464546	28. 91534	6. 14E-91	1. 64E-89	195. 6122
WFDC2	4. 535883	5. 551052	30. 99576	5. 12E-98	1. 93E-96	211. 9436
RPS2P7	-1. 47959	1. 502199	-21. 3545	2. 41E-63	2. 47E-62	131. 9847
WFDC3	2. 619837	1. 615679	23. 81618	1. 27E-72	1. 71E-71	153. 3673
DNTTIP1	2. 942347	4. 216451	40. 1093	2. 65E-126	5. 52E-124	277. 2188
UBE2C	4. 482172	2. 584686	51. 38692	6. 98E-156	1. 41E-152	345. 4912
TNNC2	1. 12668	1. 375555	11. 55037	5. 35E-26	2. 43E-25	46. 06383

SNX21	1. 412818	2. 891665	24. 17403	6. 00E-74	8. 44E-73	156. 4278
ACOT8	1. 446226	3. 829297	27. 21427	5. 62E-85	1. 14E-83	181. 8596
ZSWIM3	1. 010285	1. 132021	27. 11135	1. 31E-84	2. 63E-83	181. 0163
ZSWIM1	1. 331793	2. 044598	31. 84873	7. 50E-101	3. 28E-99	218. 4827
CTSA	2. 376465	6. 105826	31. 13246	1. 79E-98	6. 89E-97	212. 9977
PCIF1	1. 256496	4. 217576	22. 57557	5. 63E-68	6. 57E-67	142. 6589
MMP9	4. 467332	2. 358292	41. 00625	7. 34E-129	1. 90E-126	283. 1197
SLC12A5	1. 307698	1. 433503	16. 70412	2. 19E-45	1. 47E-44	90. 62113
CD40	1. 184946	3. 901577	15. 33959	4. 05E-40	2. 45E-39	78. 50142
SLC35C2	1. 07175	4. 758224	18. 46117	3. 34E-52	2. 60E-51	106. 3121
TP53RK	1. 693756	2. 3376	41. 72013	7. 21E-131	2. 17E-128	287. 7537
EYA2	1. 82273	1. 597216	19. 90073	9. 06E-58	8. 05E-57	119. 1364
ZMYND8	1. 485727	3. 06428	23. 66429	4. 68E-72	6. 15E-71	152. 0643
NCOA3	1. 274689	2. 683392	22. 02977	6. 51E-66	7. 17E-65	137. 903
SULF2	4. 417767	4. 402523	46. 93747	7. 56E-145	7. 04E-142	320. 0207
PREX1	1. 762495	2. 362105	22. 23085	1. 13E-66	1. 27E-65	139. 6581
CSE1L	1. 57127	3. 872131	27. 6274	1. 94E-86	4. 19E-85	185. 2322
STAU1	1. 684149	4. 999953	26. 27225	1. 31E-81	2. 37E-80	174. 0932
DDX27	1. 417881	4. 340318	23. 14704	4. 00E-70	4. 99E-69	147. 6099
ZNFX1	2. 29959	2. 8832	39. 43726	2. 31E-124	4. 23E-122	272. 7392
ZFAS1	2. 018442	6. 820295	19. 81994	1. 86E-57	1. 64E-56	118. 4189
PTGIS	2. 714855	2. 278542	23. 69037	3. 74E-72	4. 94E-71	152. 2882
B4GALT5	2. 848003	3. 577447	35. 93061	7. 16E-114	6. 93E-112	248. 5259
SNAI1	2. 078061	2. 067841	24. 91902	1. 08E-76	1. 66E-75	162. 7559
UBE2V1	1. 426172	5. 631585	23. 54852	1. 26E-71	1. 64E-70	151. 0696
TMEM189	2. 491471	3. 846028	39. 77848	2. 37E-125	4. 67E-123	275. 02
CEBPB	2. 19617	4. 794788	24. 93836	9. 18E-77	1. 41E-75	162. 9194
LINC01272	2. 627383	1. 772191	31. 781	1. 25E-100	5. 42E-99	217. 9669
PTPN1	1. 879226	3. 516809	30. 35121	7. 53E-96	2. 53E-94	206. 9418
PARD6B	1. 079476	1. 619936	18. 86596	9. 03E-54	7. 29E-53	109. 9248
BCAS4	2. 288335	1. 826951	32. 10262	1. 09E-101	5. 00E-100	220. 4116
TMSB4XP6	1. 244525	2. 335674	5. 428468	1. 13E-07	3. 17E-07	4. 339585
ADNP	1. 354507	3. 672238	22. 15809	2. 13E-66	2. 37E-65	139. 0234
DPM1	1. 064657	4. 621672	17. 24882	1. 69E-47	1. 19E-46	95. 48206
NFATC2	1. 427282	1. 594877	21. 92642	1. 60E-65	1. 75E-64	136. 9996
ATP9A	1. 799427	3. 34772	25. 64105	2. 51E-79	4. 20E-78	168. 831
ZFP64	1. 595614	2. 210056	35. 79741	1. 85E-113	1. 72E-111	247. 5776
TSHZ2	2. 394793	2. 226484	30. 3823	5. 91E-96	2. 01E-94	207. 1843
ZNF217	1. 730166	2. 866276	23. 2701	1. 39E-70	1. 75E-69	148. 672
BCAS1	4. 000169	2. 318007	34. 03917	5. 99E-108	3. 96E-106	234. 8594
CYP24A1	1. 112683	0. 544094	10. 78598	2. 57E-23	1. 10E-22	39. 91773
PFDN4	1. 97747	4. 301998	30. 45951	3. 24E-96	1. 12E-94	207. 7859
DOK5	2. 413293	1. 478777	31. 11925	1. 98E-98	7. 60E-97	212. 896
FAM210B	1. 466154	4. 236098	23. 98078	3. 12E-73	4. 27E-72	154. 7767
AURKA	2. 33504	1. 672928	37. 59124	6. 44E-119	8. 49E-117	260. 1708
RTFDC1	1. 859393	5. 268888	30. 10385	5. 19E-95	1. 68E-93	205. 0084
BMP7	1. 635782	1. 106503	17. 16616	3. 54E-47	2. 47E-46	94. 74389
RAE1	1. 631808	3. 389778	30. 73715	3. 77E-97	1. 36E-95	209. 943
RBM38	1. 590201	3. 171296	20. 21778	5. 45E-59	4. 98E-58	121. 9493
ZBP1	1. 866565	1. 089844	24. 36028	1. 23E-74	1. 77E-73	158. 0154
PMEP A1	3. 463187	5. 087954	32. 29912	2. 48E-102	1. 18E-100	221. 8988
NKILA	1. 995401	1. 465472	24. 63756	1. 17E-75	1. 74E-74	160. 3721
PPP4R1L	1. 136399	2. 074898	17. 09724	6. 54E-47	4. 55E-46	94. 12859
RAB22A	1. 60065	2. 372562	33. 38572	7. 37E-106	4. 33E-104	230. 0363

VAPB	1. 21076	3. 832427	21. 31302	3. 46E-63	3. 54E-62	131. 6203
APCDD1L	1. 010858	0. 67899	12. 51811	1. 71E-29	8. 33E-29	54. 08314
APCDD1L-AS1	1. 122012	0. 823245	10. 89312	1. 09E-23	4. 73E-23	40. 76793
RP5-907D15. 4	1. 310589	0. 669062	18. 77221	2. 08E-53	1. 66E-52	109. 0885
GNAS	1. 781183	8. 8513	19. 72498	4. 31E-57	3. 78E-56	117. 575
NELFCD	1. 176492	4. 87251	18. 05252	1. 29E-50	9. 65E-50	102. 662
CTSZ	3. 01693	6. 496925	37. 62999	4. 93E-119	6. 56E-117	260. 4386
ATP5E	2. 703813	5. 389136	36. 31488	4. 73E-115	4. 91E-113	251. 2496
SLM02	2. 192638	4. 110132	31. 29765	5. 03E-99	1. 99E-97	214. 2684
PHACTR3	2. 663028	1. 525344	21. 52119	5. 57E-64	5. 82E-63	133. 4492
PPP1R3D	1. 060284	1. 698897	24. 13304	8. 51E-74	1. 19E-72	156. 0779
LSM14B	1. 113185	3. 849083	19. 55287	1. 99E-56	1. 71E-55	116. 0445
PSMA7	1. 87764	6. 659683	25. 57727	4. 27E-79	7. 12E-78	168. 2967
MTG2	1. 196074	4. 029308	21. 05695	3. 29E-62	3. 28E-61	129. 3663
ADRM1	1. 525785	5. 689844	21. 75587	7. 13E-65	7. 64E-64	135. 5069
LAMA5	1. 13309	5. 444095	10. 47431	3. 02E-22	1. 26E-21	37. 46706
RPS21	1. 319386	10. 38095	12. 84907	1. 04E-30	5. 19E-30	56. 87737
SLC04A1	2. 278126	2. 900981	20. 00679	3. 53E-58	3. 17E-57	120. 078
RP11-93B14. 9	1. 141895	1. 134018	23. 31679	9. 27E-71	1. 18E-69	149. 0746
SLC04A1-AS1	2. 23864	1. 382785	22. 92092	2. 82E-69	3. 43E-68	145. 6545
NTSR1	1. 316442	0. 877603	11. 54476	5. 60E-26	2. 54E-25	46. 01803
MRGBP	1. 657474	2. 59674	32. 86928	3. 43E-104	1. 82E-102	226. 187
OGFR	1. 348886	4. 48531	18. 25827	2. 05E-51	1. 56E-50	104. 5
TCFL5	1. 110769	1. 917015	24. 60375	1. 56E-75	2. 30E-74	160. 0852
DID01	1. 057333	3. 785723	17. 08126	7. 55E-47	5. 24E-46	93. 98596
GID8	1. 299407	3. 776187	24. 55072	2. 44E-75	3. 59E-74	159. 635
SLC17A9	2. 186798	2. 83859	20. 4417	7. 51E-60	7. 02E-59	123. 9327
YTHDF1	1. 504021	3. 904497	28. 79285	1. 63E-90	4. 25E-89	194. 6339
BIRC7	1. 807839	0. 891323	19. 7889	2. 44E-57	2. 15E-56	118. 1431
NKAIN4	1. 415084	0. 726287	19. 74035	3. 76E-57	3. 30E-56	117. 7116
EEF1A2	1. 370085	3. 473257	9. 732558	9. 25E-20	3. 67E-19	31. 78031
PPDPF	2. 491459	7. 675872	24. 31151	1. 86E-74	2. 66E-73	157. 6
PTK6	3. 275042	2. 641903	32. 98205	1. 48E-104	8. 05E-103	227. 0304
HELZ2	2. 148908	3. 141344	27. 02628	2. 62E-84	5. 23E-83	180. 3183
STMN3	1. 744026	3. 600159	20. 5696	2. 42E-60	2. 30E-59	125. 0642
TNFRSF6B	3. 929435	3. 035083	22. 94129	2. 37E-69	2. 88E-68	145. 8309
ARFRP1	1. 841549	4. 497172	27. 94919	1. 43E-87	3. 22E-86	187. 8448
ZGPAT	1. 366594	3. 812602	22. 49231	1. 16E-67	1. 34E-66	141. 9351
LIME1	2. 278737	3. 189072	17. 37375	5. 54E-48	3. 93E-47	96. 59778
P4-583P15. 1	3. 80184	2. 319694	39. 40544	2. 86E-124	5. 22E-122	272. 5258
SLC2A4RG	1. 57517	5. 010227	20. 70731	7. 18E-61	6. 92E-60	126. 2814
TPD52L2	1. 930753	5. 16218	28. 12324	3. 51E-88	8. 13E-87	189. 2525
SAMD10	1. 19778	2. 282591	18. 78962	1. 78E-53	1. 43E-52	109. 2438
PRPF6	1. 680807	4. 895039	28. 61424	6. 79E-90	1. 72E-88	193. 2038
TCEA2	1. 479628	4. 352912	22. 07343	4. 45E-66	4. 92E-65	138. 2844
RGS19	2. 009209	2. 903684	29. 47821	7. 07E-93	2. 06E-91	200. 0842
CH507-9B2. 3	1. 265341	4. 862134	13. 7693	3. 84E-34	2. 06E-33	64. 76024
CH507-9B2. 5	1. 169506	2. 606633	14. 82888	3. 66E-38	2. 13E-37	74. 00091
CH507-9B2. 9	1. 032891	2. 190221	19. 97662	4. 62E-58	4. 13E-57	119. 8102
H507-42P11. 1	1. 233802	3. 674699	7. 363736	1. 55E-12	5. 13E-12	15. 31416
H507-152C13. 1	1. 806534	5. 014488	26. 28282	1. 20E-81	2. 17E-80	174. 1809
H507-513H4. 1	1. 459999	1. 221579	33. 28264	1. 58E-105	9. 09E-104	229. 2706
H507-513H4. 1	1. 708773	1. 387187	18. 79218	1. 74E-53	1. 40E-52	109. 2666
H507-528H12. 1	1. 459999	1. 221579	33. 28264	1. 58E-105	9. 09E-104	229. 2706

RNA5-8S5	1. 226897	9. 00957	7. 070851	9. 86E-12	3. 19E-11	13. 49279
HSPA13	1. 084793	2. 586408	16. 14903	3. 07E-43	1. 98E-42	85. 67794
SAMSN1	2. 097206	1. 780418	24. 42206	7. 27E-75	1. 05E-73	158. 5412
AF127577. 10	1. 530721	3. 067933	18. 17315	4. 38E-51	3. 32E-50	103. 7397
MIR99AHG	1. 818546	1. 53216	25. 95648	1. 80E-80	3. 14E-79	171. 4664
CXADR	1. 315886	2. 667066	18. 19865	3. 49E-51	2. 65E-50	103. 9675
BTG3	1. 454506	3. 824568	20. 994	5. 73E-62	5. 67E-61	128. 8115
C21orf91	1. 019468	1. 334599	21. 70746	1. 09E-64	1. 16E-63	135. 0828
PPIAP22	3. 408651	5. 802495	48. 78408	1. 61E-149	2. 11E-146	330. 8071
JAM2	1. 349453	2. 047703	16. 18509	2. 23E-43	1. 44E-42	85. 99862
ATP5J	1. 363187	6. 455419	20. 50426	4. 32E-60	4. 06E-59	124. 4863
APP	2. 235416	7. 048195	26. 58449	9. 91E-83	1. 87E-81	176. 6791
CYYR1	1. 183693	2. 118785	15. 67171	2. 14E-41	1. 32E-40	81. 44042
CCT8	1. 087744	5. 924605	15. 30171	5. 66E-40	3. 41E-39	78. 16675
MAP3K7CL	1. 252078	2. 048683	22. 11656	3. 05E-66	3. 39E-65	138. 661
BACH1	1. 418838	2. 829308	22. 17157	1. 89E-66	2. 11E-65	139. 141
TIAM1	1. 329291	1. 245343	21. 43168	1. 22E-63	1. 27E-62	132. 6631
SOD1	2. 465756	6. 57925	32. 33634	1. 87E-102	9. 01E-101	222. 18
MIS18A	1. 25149	1. 988602	26. 48209	2. 31E-82	4. 29E-81	175. 8322
URB1-AS1	1. 053295	2. 286389	21. 71154	1. 05E-64	1. 12E-63	135. 1185
EVA1C	2. 116493	3. 933096	27. 26727	3. 65E-85	7. 48E-84	182. 2935
AP000275. 65	1. 354257	1. 209761	16. 96387	2. 15E-46	1. 48E-45	92. 93814
C21orf59	1. 242061	4. 491779	20. 80305	3. 08E-61	3. 00E-60	127. 1269
IFNAR2	2. 262906	3. 283234	34. 29241	9. 41E-109	6. 60E-107	236. 7145
IL10RB-AS1	1. 778441	1. 84616	28. 85431	9. 98E-91	2. 63E-89	195. 125
IL10RB	1. 881713	4. 261271	30. 19239	2. 60E-95	8. 55E-94	205. 7013
IFNAR1	1. 471116	3. 276808	25. 43888	1. 36E-78	2. 23E-77	167. 1359
IFNGR2	3. 042498	5. 07478	40. 75003	3. 91E-128	9. 39E-126	281. 4431
ITSN1	1. 941233	2. 724078	28. 3164	7. 41E-89	1. 78E-87	190. 8105
ATP50	1. 438825	6. 600093	21. 05102	3. 47E-62	3. 45E-61	129. 3141
LINC00649	1. 092272	0. 93901	16. 01952	9. 73E-43	6. 20E-42	84. 52677
MRPS6	2. 037493	4. 211712	31. 55689	6. 92E-100	2. 87E-98	216. 2557
SLC5A3	1. 048145	1. 230652	19. 38541	8. 83E-56	7. 48E-55	114. 5542
RCAN1	1. 435175	3. 783924	16. 65065	3. 52E-45	2. 37E-44	90. 14436
CLIC6	1. 476041	1. 806352	19. 77642	2. 73E-57	2. 40E-56	118. 0321
LINC01426	1. 246587	0. 862107	25. 66909	1. 98E-79	3. 33E-78	169. 0656
RUNX1	3. 570699	3. 031138	45. 43508	6. 07E-141	4. 17E-138	311. 0077
CBR1	2. 114692	4. 766558	28. 35706	5. 34E-89	1. 29E-87	191. 1379
CBR3	2. 22479	1. 728759	41. 6783	9. 44E-131	2. 80E-128	287. 4837
DOPEY2	1. 694624	1. 869383	28. 10867	3. 94E-88	9. 13E-87	189. 1348
AP000695. 6	1. 230375	0. 613103	27. 3879	1. 36E-85	2. 84E-84	183. 2796
AP000695. 4	1. 577714	0. 818783	29. 21364	5. 74E-92	1. 61E-90	197. 9871
SIM2	1. 71934	1. 007375	21. 72087	9. 68E-65	1. 03E-63	135. 2003
DYRK1A	1. 046066	3. 418287	17. 60455	7. 04E-49	5. 10E-48	98. 65965
ERG	1. 402401	1. 69761	19. 02796	2. 13E-54	1. 75E-53	111. 3695
ETS2	2. 667336	4. 347409	28. 80052	1. 53E-90	4. 01E-89	194. 6952
HMGN1	1. 507121	6. 395857	21. 65441	1. 73E-64	1. 84E-63	134. 6178
B3GALT5	1. 916653	1. 931949	21. 8165	4. 19E-65	4. 52E-64	136. 0378
BACE2	2. 260826	5. 492893	21. 57758	3. 40E-64	3. 57E-63	133. 9439
FAM3B	-1. 03738	5. 775115	-8. 52768	6. 19E-16	2. 24E-15	23. 04665
MX2	2. 606765	2. 847019	28. 27804	1. 01E-88	2. 40E-87	190. 5015
MX1	3. 199291	3. 94318	28. 12664	3. 41E-88	7. 92E-87	189. 28
RIPK4	1. 093205	3. 045218	15. 00152	8. 01E-39	4. 72E-38	75. 51942
ABCG1	2. 801717	2. 561567	37. 65971	4. 02E-119	5. 36E-117	260. 644

TFF3	5.301053	4.785827	26.07967	6.48E-81	1.14E-79	172.4925
TFF2	6.080951	3.97683	27.85652	3.03E-87	6.75E-86	187.0937
TFF1	7.657526	4.606716	30.2147	2.18E-95	7.21E-94	205.8758
TMPRSS3	2.999197	3.321805	33.47656	3.76E-106	2.25E-104	230.71
RSPH1	1.495484	1.817548	23.65267	5.17E-72	6.78E-71	151.9646
SLC37A1	2.440576	3.02805	33.65405	1.02E-106	6.24E-105	232.0232
PDE9A	1.727807	2.384757	21.61772	2.39E-64	2.52E-63	134.2961
PKNOX1	1.310401	2.161973	27.62175	2.03E-86	4.38E-85	185.1862
CBS	-3.82613	4.097767	-32.4119	1.06E-102	5.14E-101	222.7503
H2BFS	1.649416	1.776977	19.00267	2.67E-54	2.18E-53	111.144
RRP1B	1.002635	2.643183	19.80671	2.09E-57	1.84E-56	118.3013
PDXK	1.497947	5.571274	21.1872	1.05E-62	1.06E-61	130.5134
CSTB	3.419514	5.386485	37.1209	1.68E-117	2.01E-115	256.9056
RRP1	1.175233	3.479991	20.12853	1.20E-58	1.09E-57	121.1581
TRAPPC10	1.016161	2.898859	15.34239	3.95E-40	2.39E-39	78.52616
ICOSLG	1.598142	1.267159	30.17675	2.94E-95	9.64E-94	205.579
PFKL	1.467009	5.591414	17.58936	8.06E-49	5.83E-48	98.52386
TRPM2	1.795063	1.645609	23.95881	3.76E-73	5.14E-72	154.5887
SUMO3	2.175462	5.003019	35.17531	1.58E-111	1.31E-109	243.1206
PTTG1IP	2.804686	6.26527	37.34263	3.59E-118	4.49E-116	258.4481
ITGB2	3.757358	3.933016	33.88479	1.86E-107	1.19E-105	233.7247
ITGB2-AS1	1.393581	1.191762	16.86437	5.23E-46	3.57E-45	92.05035
APO01505.10	1.288822	1.884747	21.75238	7.35E-65	7.87E-64	135.4763
COL18A1	1.392867	5.931003	15.08201	3.94E-39	2.34E-38	76.22838
SLC19A1	1.182133	2.435831	16.05243	7.26E-43	4.64E-42	84.81924
COL6A1	2.239774	6.268353	19.14299	7.65E-55	6.35E-54	112.3948
COL6A2	2.991617	6.460054	25.09549	2.44E-77	3.83E-76	164.246
S100B	2.167468	2.452267	21.52126	5.57E-64	5.82E-63	133.4497
PRMT2	1.879822	4.891666	27.53342	4.17E-86	8.87E-85	184.4668
CECR1	2.139178	2.971923	21.01076	4.94E-62	4.90E-61	128.9592
ATP6V1E1	2.149343	5.563965	33.44661	4.70E-106	2.79E-104	230.4879
BCL2L13	1.180162	3.805181	19.86589	1.23E-57	1.09E-56	118.827
BID	2.804153	3.626634	32.58058	2.98E-103	1.50E-101	224.0208
PEX26	1.612965	3.111701	28.40587	3.61E-89	8.80E-88	191.5306
USP18	2.147534	2.130581	30.36526	6.75E-96	2.28E-94	207.0514
DGCR5	-1.60876	1.395966	-28.7777	1.84E-90	4.79E-89	194.5129
DGCR2	1.279256	4.670391	20.19803	6.49E-59	5.92E-58	121.7742
DGCR14	1.255726	2.844888	26.05743	7.79E-81	1.37E-79	172.3074
SLC25A1	1.293437	5.011623	18.81378	1.44E-53	1.15E-52	109.4593
MRPL40	1.065634	4.340755	19.37807	9.43E-56	7.97E-55	114.4888
UFD1L	1.727671	4.912163	29.04794	2.14E-91	5.83E-90	196.6693
CDC45	2.047391	1.244255	33.7103	6.71E-107	4.19E-105	232.4386
CLDN5	1.482053	3.532155	12.72202	3.05E-30	1.51E-29	55.80182
GNB1L	1.046146	1.972211	18.5554	1.44E-52	1.13E-51	107.1534
AC000089.3	1.330506	1.069847	34.86619	1.46E-110	1.13E-108	240.8885
COMT	2.092002	6.095839	27.39246	1.31E-85	2.74E-84	183.3168
RANBP1	1.761327	5.393056	28.09969	4.24E-88	9.80E-87	189.0622
RTN4R	1.271052	1.749752	17.05294	9.72E-47	6.74E-46	93.73315
DGCR6L	1.306282	4.64752	22.57487	5.66E-68	6.60E-67	142.6528
USP41	1.388055	1.614773	11.36615	2.41E-25	1.08E-24	44.5661
SCARF2	2.204556	2.562334	24.4421	6.13E-75	8.90E-74	158.7117
MED15	1.67062	4.777716	23.02436	1.15E-69	1.42E-68	146.5496
TMEM191A	2.134871	2.095626	32.26369	3.24E-102	1.53E-100	221.631
PI4KA	1.093033	4.180707	18.11089	7.64E-51	5.76E-50	103.1835

SNAP29	1. 505868	3. 444791	27. 39766	1. 26E-85	2. 64E-84	183. 3593
CRKL	1. 34366	3. 379221	24. 17276	6. 06E-74	8. 53E-73	156. 4169
bac-B135H6.	1. 080287	1. 153702	19. 90133	9. 01E-58	8. 00E-57	119. 1418
SLC7A4	1. 57674	0. 86714	22. 40212	2. 54E-67	2. 91E-66	141. 1503
UBE2L3	1. 963447	4. 438293	36. 22313	9. 04E-115	9. 25E-113	250. 6008
MAPK1	1. 356605	3. 823383	17. 33385	7. 91E-48	5. 60E-47	96. 24145
IGLV4-69	2. 879184	1. 732585	19. 49162	3. 43E-56	2. 94E-55	115. 4995
IGLV8-61	2. 577994	1. 662565	15. 17452	1. 74E-39	1. 04E-38	77. 04405
IGLV4-60	1. 341385	0. 937841	7. 604539	3. 27E-13	1. 10E-12	16. 85073
IGLV6-57	3. 013345	1. 72801	20. 57952	2. 22E-60	2. 11E-59	125. 1519
IGLV10-54	2. 006054	1. 214386	13. 63916	1. 18E-33	6. 29E-33	63. 63632
IGLV1-51	3. 896031	3. 075088	22. 09046	3. 83E-66	4. 25E-65	138. 4331
IGLV9-49	1. 436365	0. 795501	13. 09684	1. 25E-31	6. 40E-31	58. 98425
IGLV1-47	3. 960275	2. 526142	23. 51448	1. 69E-71	2. 19E-70	150. 7769
IGLV7-46	2. 89409	1. 845537	18. 27925	1. 70E-51	1. 30E-50	104. 6874
IGLV5-45	1. 83555	1. 088836	13. 98395	5. 95E-35	3. 24E-34	66. 61981
IGLV1-44	4. 182196	2. 705539	23. 81088	1. 33E-72	1. 79E-71	153. 3219
IGLV7-43	2. 49783	1. 517973	17. 15317	3. 97E-47	2. 77E-46	94. 62792
IGLV1-40	4. 675643	3. 246896	24. 8317	2. 26E-76	3. 44E-75	162. 0173
IGLV1-36	1. 63199	0. 890977	13. 0413	2. 02E-31	1. 02E-30	58. 51091
IGLV3-27	1. 56516	0. 831071	12. 31433	9. 49E-29	4. 56E-28	52. 3749
IGLV3-25	4. 065284	2. 525246	22. 74249	1. 32E-68	1. 58E-67	144. 1082
IGLV2-23	4. 539785	2. 86335	26. 79289	1. 78E-83	3. 44E-82	178. 3987
IGLV3-21	3. 802658	2. 148164	22. 04592	5. 65E-66	6. 23E-65	138. 0441
IGLV3-19	4. 172202	2. 665939	23. 16721	3. 37E-70	4. 21E-69	147. 7841
IGLV2-18	1. 927051	1. 096756	14. 79293	5. 03E-38	2. 92E-37	73. 68514
IGLL5	4. 241654	2. 830164	25. 75704	9. 51E-80	1. 62E-78	169. 8013
IGLV2-14	4. 586079	3. 759596	23. 53854	1. 38E-71	1. 78E-70	150. 9838
IGLV2-11	4. 132604	2. 942427	23. 22651	2. 02E-70	2. 54E-69	148. 296
IGLV3-10	2. 886618	1. 822676	17. 41277	3. 91E-48	2. 78E-47	96. 94636
IGLV3-9	1. 870687	1. 018525	13. 96136	7. 25E-35	3. 94E-34	66. 42378
IGLV2-8	3. 613863	2. 561472	20. 99614	5. 62E-62	5. 56E-61	128. 8303
IGLV3-1	4. 426046	2. 683943	25. 59289	3. 75E-79	6. 27E-78	168. 4276
IGLC1	5. 839054	5. 245432	28. 85269	1. 01E-90	2. 66E-89	195. 1121
IGLC2	5. 997513	6. 299709	27. 85358	3. 10E-87	6. 90E-86	187. 0698
IGLC3	5. 829695	5. 436992	28. 00352	9. 22E-88	2. 10E-86	188. 2846
IGLC7	2. 738054	1. 529507	16. 85368	5. 76E-46	3. 93E-45	91. 95497
GNAZ	1. 086523	1. 166965	15. 40053	2. 36E-40	1. 43E-39	79. 04004
RAB36	1. 199639	1. 544619	21. 05799	3. 26E-62	3. 25E-61	129. 3755
BCR	2. 243926	4. 228261	35. 27213	7. 86E-112	6. 64E-110	243. 8173
GUSBP11	-1. 08151	3. 226459	-13. 8579	1. 78E-34	9. 61E-34	65. 52717
VPREB3	1. 479709	0. 943663	11. 45319	1. 19E-25	5. 34E-25	45. 2725
CHCHD10	1. 579609	6. 182963	19. 91049	8. 31E-58	7. 39E-57	119. 2231
MMP11	7. 425619	4. 291908	53. 53509	6. 05E-161	1. 93E-157	357. 1771
AP000349. 2	6. 061169	3. 011679	45. 40825	7. 14E-141	4. 85E-138	310. 8447
SMARCB1	1. 627059	4. 909292	26. 12254	4. 54E-81	8. 05E-80	172. 8492
MIF	1. 747128	7. 627041	15. 36297	3. 29E-40	1. 99E-39	78. 70804
SUSD2	2. 092206	2. 381346	21. 19738	9. 57E-63	9. 68E-62	130. 603
GGT5	2. 816098	4. 568602	29. 68529	1. 38E-93	4. 17E-92	201. 7195
ADORA2A	1. 159866	1. 456011	17. 27046	1. 39E-47	9. 82E-47	95. 67533
GUCD1	1. 566353	5. 009173	24. 41369	7. 80E-75	1. 13E-73	158. 47
SNRPD3	2. 357142	5. 52969	37. 39341	2. 53E-118	3. 19E-116	258. 8006
GGT1	1. 065143	4. 955377	9. 193985	5. 14E-18	1. 96E-17	27. 79345
BCRP3	1. 025328	1. 582879	14. 80079	4. 69E-38	2. 73E-37	73. 75412

KIAA1671	1. 513849	2. 866923	24. 69708	7. 05E-76	1. 05E-74	160. 877
ASPHD2	2. 4665	1. 465916	33. 66563	9. 32E-107	5. 75E-105	232. 1088
SRRD	1. 129537	3. 041169	21. 39972	1. 62E-63	1. 67E-62	132. 3824
TFIP11	1. 400504	3. 856638	26. 28054	1. 22E-81	2. 21E-80	174. 162
TPST2	-2. 46817	5. 72826	-25. 1964	1. 04E-77	1. 66E-76	165. 097
P5-1172A22.	1. 184409	0. 641276	25. 51847	6. 99E-79	1. 15E-77	167. 8037
MN1	1. 653504	1. 188897	27. 06891	1. 85E-84	3. 70E-83	180. 6682
PITPNB	1. 427986	4. 209132	24. 28026	2. 43E-74	3. 45E-73	157. 3337
CHEK2	1. 670212	2. 059547	31. 57923	5. 84E-100	2. 43E-98	216. 4265
XBP1	-1. 63191	7. 915752	-15. 2878	6. 40E-40	3. 85E-39	78. 04402
KREMEN1	1. 338237	1. 904546	21. 75365	7. 27E-65	7. 79E-64	135. 4874
GAS2L1	1. 151012	3. 190609	16. 59678	5. 69E-45	3. 80E-44	89. 6642
AP1B1	1. 371567	4. 580464	22. 85058	5. 19E-69	6. 25E-68	145. 0453
NIPSNAP1	1. 523766	4. 038056	26. 27592	1. 27E-81	2. 30E-80	174. 1236
ZMAT5	1. 185237	3. 658441	22. 31192	5. 56E-67	6. 32E-66	140. 3648
UQCR10	2. 015283	5. 693881	31. 94068	3. 73E-101	1. 65E-99	219. 1822
ASCC2	1. 169622	4. 623357	19. 67695	6. 61E-57	5. 76E-56	117. 148
LIF	3. 359872	2. 567332	31. 25035	7. 23E-99	2. 84E-97	213. 905
OSM	1. 664331	1. 08635	20. 36944	1. 42E-59	1. 32E-58	123. 293
GATSL3	1. 076838	2. 421765	16. 44553	2. 19E-44	1. 45E-43	88. 31667
TBC1D10A	1. 877258	3. 497209	29. 95262	1. 69E-94	5. 37E-93	203. 8226
SF3A1	1. 089494	4. 654769	13. 07489	1. 51E-31	7. 71E-31	58. 79707
SEC14L2	3. 066254	2. 826944	38. 76519	2. 12E-122	3. 49E-120	268. 2085
RP4-539M6. 1	1. 51044	1. 02024	20. 69387	8. 08E-61	7. 78E-60	126. 1626
MTFP1	1. 543455	3. 611949	20. 38629	1. 23E-59	1. 14E-58	123. 4422
GAL3ST1	1. 228107	2. 365057	14. 16534	1. 23E-35	6. 76E-35	68. 19648
PES1	1. 341494	5. 023688	20. 80351	3. 07E-61	2. 99E-60	127. 131
TCN2	2. 227817	3. 496825	31. 91387	4. 57E-101	2. 01E-99	218. 9784
SLC35E4	1. 614769	1. 385766	29. 94486	1. 80E-94	5. 68E-93	203. 7617
DUSP18	1. 515573	1. 733815	29. 44972	8. 86E-93	2. 56E-91	199. 8588
CTA-963H5. 5	1. 439169	1. 609957	22. 45337	1. 63E-67	1. 88E-66	141. 5963
MORC2	1. 326081	3. 836259	21. 85419	3. 02E-65	3. 27E-64	136. 3677
TUG1_1	1. 076365	2. 26601	6. 294274	1. 03E-09	3. 11E-09	8. 930832
SELM	1. 103224	6. 262407	12. 02972	1. 02E-27	4. 82E-27	50. 0059
INPP5J	-1. 29735	2. 141141	-21. 6017	2. 75E-64	2. 90E-63	134. 1552
RNF185-AS1	1. 160393	1. 410809	11. 38479	2. 07E-25	9. 26E-25	44. 71714
LIMK2	1. 194148	4. 154717	15. 95089	1. 79E-42	1. 14E-41	83. 91722
PIK3IP1	2. 773129	3. 670665	33. 33376	1. 08E-105	6. 30E-104	229. 6505
DRG1	1. 188753	4. 756895	18. 77014	2. 12E-53	1. 70E-52	109. 07
PRR14L	1. 017655	2. 317855	22. 11868	3. 00E-66	3. 33E-65	138. 6795
DEPDC5	1. 056907	2. 134613	21. 96766	1. 12E-65	1. 22E-64	137. 3602
YWHAH	2. 363236	5. 851692	29. 64057	1. 97E-93	5. 90E-92	201. 3668
SLC5A1	2. 905276	2. 0135	27. 64009	1. 75E-86	3. 80E-85	185. 3355
RTCB	1. 384424	4. 90686	21. 83101	3. 69E-65	3. 99E-64	136. 1649
FBX07	1. 514456	5. 051956	24. 04407	1. 82E-73	2. 51E-72	155. 3178
TIMP3	2. 381067	5. 921867	20. 39897	1. 10E-59	1. 02E-58	123. 5544
LARGE	1. 002099	2. 315919	19. 38349	8. 98E-56	7. 60E-55	114. 537
HMGXB4	1. 179393	2. 381002	21. 68408	1. 34E-64	1. 42E-63	134. 8778
TOM1	2. 01336	4. 418206	30. 82947	1. 85E-97	6. 77E-96	210. 6582
HMOX1	2. 956071	2. 995756	31. 66993	2. 92E-100	1. 24E-98	217. 1196
MCM5	2. 000427	3. 602245	31. 29089	5. 30E-99	2. 09E-97	214. 2165
RASD2	1. 089783	1. 226867	17. 00453	1. 50E-46	1. 04E-45	93. 30109
APOL6	2. 26596	1. 970433	35. 92249	7. 59E-114	7. 31E-112	248. 4681
RBFOX2	1. 410924	3. 727537	20. 13077	1. 18E-58	1. 07E-57	121. 1779

APOL3	1. 928569	3. 204303	24. 15321	7. 16E-74	1. 00E-72	156. 2501
APOL4	1. 789068	1. 506724	23. 92376	5. 08E-73	6. 89E-72	154. 2887
APOL2	2. 580479	4. 039506	32. 86827	3. 46E-104	1. 84E-102	226. 1795
APOL1	5. 173401	4. 440358	50. 87162	1. 21E-154	2. 22E-151	342. 6308
MYH9	1. 935293	6. 892258	20. 80952	2. 91E-61	2. 83E-60	127. 1841
TXN2	1. 392231	5. 28317	23. 75644	2. 13E-72	2. 83E-71	152. 8551
IFT27	1. 119822	3. 878081	20. 50629	4. 24E-60	3. 99E-59	124. 5043
NCF4	2. 149829	2. 350352	25. 31096	3. 98E-78	6. 44E-77	166. 0608
CSF2RB	1. 782256	1. 421098	21. 83025	3. 72E-65	4. 02E-64	136. 1582
TST	1. 676213	5. 356104	18. 42209	4. 74E-52	3. 68E-51	105. 9631
KCTD17	2. 397365	2. 753123	35. 55845	1. 01E-112	8. 96E-111	245. 8711
IL2RB	1. 673272	1. 089818	24. 876	1. 55E-76	2. 38E-75	162. 3921
C1QTNF6	2. 414714	2. 791428	30. 17762	2. 92E-95	9. 58E-94	205. 5858
RAC2	4. 172292	3. 588319	48. 37914	1. 65E-148	2. 08E-145	328. 4686
CYTH4	1. 669902	1. 895892	21. 43923	1. 14E-63	1. 19E-62	132. 7295
MFNG	2. 088358	2. 494559	27. 76218	6. 50E-87	1. 43E-85	186. 328
CARD10	1. 716969	3. 638875	22. 92839	2. 65E-69	3. 21E-68	145. 7191
SH3BP1	2. 370782	2. 502353	34. 26685	1. 13E-108	7. 91E-107	236. 5276
LGALS1	4. 240727	7. 694332	36. 64292	4. 71E-116	5. 23E-114	253. 5608
NOL12	1. 162441	3. 484046	21. 09246	2. 41E-62	2. 41E-61	129. 6792
TRIOBP	1. 608619	4. 453994	22. 05363	5. 28E-66	5. 83E-65	138. 1115
H1FO	1. 79562	6. 278413	19. 99405	3. 96E-58	3. 54E-57	119. 965
GCAT	-1. 46775	4. 024755	-19. 2179	3. 92E-55	3. 28E-54	113. 062
POLR2F	1. 677069	5. 225764	27. 23921	4. 59E-85	9. 38E-84	182. 0639
BAIAP2L2	3. 318937	2. 552062	28. 582	8. 79E-90	2. 21E-88	192. 9453
MAFF	2. 889045	3. 49498	30. 32214	9. 45E-96	3. 16E-94	206. 715
TMEM184B	1. 945578	4. 175213	27. 40679	1. 17E-85	2. 45E-84	183. 4339
KDELR3	2. 464495	3. 759162	33. 68302	8. 20E-107	5. 08E-105	232. 2372
CBY1	1. 074463	4. 371302	19. 08618	1. 27E-54	1. 05E-53	111. 8885
TOMM22	1. 701957	4. 560231	30. 32573	9. 19E-96	3. 08E-94	206. 743
JOSD1	1. 653898	4. 115093	26. 40675	4. 30E-82	7. 93E-81	175. 2084
DNAL4	1. 27929	3. 793718	22. 24122	1. 03E-66	1. 16E-65	139. 7485
APOBEC3B	1. 543118	1. 770428	20. 6953	7. 98E-61	7. 68E-60	126. 1753
APOBEC3C	2. 768416	2. 824894	42. 79251	7. 70E-134	3. 13E-131	294. 6125
APOBEC3D	1. 679168	1. 193938	32. 43503	8. 91E-103	4. 34E-101	222. 9247
APOBEC3F	1. 636615	1. 675794	35. 49695	1. 57E-112	1. 37E-110	245. 4308
APOBEC3G	2. 452737	2. 19327	34. 3669	5. 47E-109	3. 89E-107	237. 2586
PDGFB	2. 138676	2. 804984	27. 13147	1. 11E-84	2. 23E-83	181. 1813
MGAT3	2. 066614	2. 072025	23. 25081	1. 64E-70	2. 06E-69	148. 5056
MKL1	1. 6111	3. 700004	25. 1131	2. 10E-77	3. 31E-76	164. 3946
SLC25A17	1. 223531	3. 164791	24. 25306	3. 06E-74	4. 34E-73	157. 1019
ST13	1. 117251	6. 63908	14. 013	4. 63E-35	2. 52E-34	66. 87201
RBX1	2. 233727	4. 542078	37. 14382	1. 43E-117	1. 72E-115	257. 0654
L3MBTL2	1. 26578	3. 166514	24. 73835	4. 97E-76	7. 48E-75	161. 2268
RANGAP1	1. 205059	5. 022901	16. 03803	8. 25E-43	5. 27E-42	84. 69127
TOB2	1. 388101	3. 765863	20. 16946	8. 36E-59	7. 61E-58	121. 521
PHF5A	1. 455178	4. 097609	26. 1528	3. 53E-81	6. 29E-80	173. 1008
ACO2	1. 308203	4. 996674	22. 04768	5. 57E-66	6. 14E-65	138. 0595
POLR3H	1. 395832	3. 317579	26. 91017	6. 79E-84	1. 33E-82	179. 364
CSDC2	-2. 28293	2. 72602	-17. 9811	2. 43E-50	1. 82E-49	102. 024
DESI1	1. 126134	3. 383078	21. 03496	3. 99E-62	3. 97E-61	129. 1725
XRCC6	1. 885264	6. 334258	27. 27343	3. 47E-85	7. 12E-84	182. 3439
NHP2L1	1. 735393	5. 965655	21. 15766	1. 36E-62	1. 37E-61	130. 2533
C22orf46	1. 244756	2. 005847	23. 82808	1. 15E-72	1. 55E-71	153. 4693

MEI1	2. 417394	1. 632953	32. 85899	3. 71E-104	1. 96E-102	226. 11
SREBF2	1. 026309	4. 768576	13. 41451	8. 22E-33	4. 30E-32	61. 70295
CENPM	2. 88126	1. 834065	32. 27661	2. 94E-102	1. 40E-100	221. 7287
NAGA	2. 505465	3. 342459	42. 25932	2. 28E-132	8. 01E-130	291. 2175
FAM109B	1. 061846	3. 399878	17. 82054	1. 02E-49	7. 54E-49	100. 5894
NDUFA6	1. 642641	5. 024985	26. 53996	1. 43E-82	2. 68E-81	176. 311
TCF20	1. 59594	2. 745598	28. 74771	2. 34E-90	6. 05E-89	194. 2728
NFAM1	1. 461376	1. 119269	23. 59227	8. 69E-72	1. 13E-70	151. 4457
RRP7A	1. 874311	3. 698101	30. 18453	2. 76E-95	9. 08E-94	205. 6399
POLDIP3	1. 180844	4. 356222	19. 19667	4. 74E-55	3. 95E-54	112. 8732
CYB5R3	2. 339398	6. 172894	29. 77072	7. 06E-94	2. 17E-92	202. 3926
A4GALT	2. 359976	2. 911687	25. 27167	5. 54E-78	8. 91E-77	165. 7303
TTLL1	1. 518621	2. 014686	33. 28562	1. 55E-105	8. 91E-104	229. 2928
BIK	3. 750201	2. 696306	43. 06314	1. 40E-134	6. 03E-132	296. 3243
MCAT	1. 116343	3. 293323	20. 47573	5. 56E-60	5. 22E-59	124. 2338
TSPO	3. 10265	6. 587159	32. 65505	1. 71E-103	8. 73E-102	224. 5805
TTLL12	1. 854051	4. 195492	24. 04475	1. 81E-73	2. 49E-72	155. 3237
SAMM50	1. 154318	4. 313211	19. 4827	3. 72E-56	3. 18E-55	115. 4202
PARVB	1. 853791	3. 42232	22. 60481	4. 37E-68	5. 11E-67	142. 9129
PARVG	1. 971967	2. 654147	19. 04271	1. 87E-54	1. 53E-53	111. 501
LDOC1L	1. 215577	2. 485891	20. 51631	3. 88E-60	3. 66E-59	124. 5929
PRR5	1. 171777	3. 164833	18. 56106	1. 37E-52	1. 08E-51	107. 2039
ARHGAP8	1. 020811	3. 418896	11. 98664	1. 46E-27	6. 87E-27	49. 64908
NUP50-AS1	1. 073048	2. 438341	18. 6473	6. 35E-53	5. 02E-52	107. 9738
NUP50	1. 042809	3. 264831	18. 95562	4. 06E-54	3. 31E-53	110. 7245
KIAA0930	2. 285735	4. 13889	31. 43772	1. 72E-99	6. 97E-98	215. 3432
FBLN1	2. 248869	5. 863834	17. 69308	3. 19E-49	2. 33E-48	99. 45054
ATXN10	1. 394263	5. 225177	21. 45203	1. 02E-63	1. 06E-62	132. 8419
WNT7B	2. 587128	1. 492689	30. 35946	7. 07E-96	2. 38E-94	207. 0062
PRR34-AS1	1. 135895	3. 338662	16. 23563	1. 42E-43	9. 22E-43	86. 44825
GTSE1	1. 709398	1. 020522	34. 32377	7. 49E-109	5. 28E-107	236. 9436
CELSR1	2. 947844	2. 047174	40. 37682	4. 53E-127	9. 89E-125	278. 9881
GRAMD4	1. 119549	3. 466459	16. 52715	1. 06E-44	7. 03E-44	89. 04374
CTA-29F11. 1	1. 000478	2. 327601	14. 57785	3. 33E-37	1. 90E-36	71. 79873
TBC1D22A	1. 294273	3. 597469	22. 52224	8. 94E-68	1. 04E-66	142. 1954
FAM19A5	2. 272596	2. 051277	30. 5917	1. 16E-96	4. 09E-95	208. 8141
PIM3	1. 119246	5. 157948	11. 4808	9. 46E-26	4. 27E-25	45. 49705
MAPK12	1. 105336	1. 951142	15. 30515	5. 49E-40	3. 31E-39	78. 19717
MAPK11	1. 071318	2. 208765	15. 19157	1. 50E-39	8. 95E-39	77. 19447
PLXNB2	1. 761271	6. 076014	20. 71782	6. 54E-61	6. 31E-60	126. 3743
SCO2	2. 064005	3. 951587	29. 13209	1. 10E-91	3. 03E-90	197. 339
TYMP	3. 01621	4. 70623	25. 92847	2. 28E-80	3. 95E-79	171. 2328
ODF3B	2. 052804	3. 96072	19. 45315	4. 83E-56	4. 12E-55	115. 1572
CTA-384D8. 3E	1. 961818	1. 067801	26. 32064	8. 78E-82	1. 60E-80	174. 4947
CTA-384D8. 3G	1. 088172	0. 618386	18. 54817	1. 54E-52	1. 21E-51	107. 0888
KLHDC7B	1. 732677	0. 930504	15. 83146	5. 17E-42	3. 25E-41	82. 85706
RPL23AP82	1. 752827	3. 465069	28. 55614	1. 08E-89	2. 70E-88	192. 7379
CSF2RA	2. 552916	1. 897376	30. 92126	9. 09E-98	3. 38E-96	211. 3682
IL3RA	1. 718507	2. 144745	25. 98091	1. 47E-80	2. 57E-79	171. 67
P2RY8	1. 198398	1. 054346	16. 58029	6. 60E-45	4. 40E-44	89. 51724
ZBED1	1. 394347	3. 850355	23. 3503	6. 95E-71	8. 84E-70	149. 3634
CD99P1	1. 06938	2. 138151	19. 07319	1. 42E-54	1. 17E-53	111. 7727
CD99	1. 737909	7. 231722	20. 05956	2. 21E-58	1. 99E-57	120. 5462
MXRA5	3. 560727	3. 309774	31. 37254	2. 83E-99	1. 13E-97	214. 8434

PRKX	1. 327674	2. 183064	21. 76216	6. 75E-65	7. 24E-64	135. 5619
HDHD1	1. 817404	2. 660895	28. 6508	5. 07E-90	1. 30E-88	193. 4969
STS	2. 031108	1. 860086	31. 16883	1. 35E-98	5. 23E-97	213. 2778
ANOS1	1. 785321	0. 977778	27. 23632	4. 70E-85	9. 60E-84	182. 0402
TBL1X	1. 210393	2. 313801	22. 41331	2. 30E-67	2. 65E-66	141. 2478
GPR143	1. 332964	1. 251959	17. 92992	3. 85E-50	2. 86E-49	101. 5667
WWC3	1. 376994	2. 633504	25. 23294	7. 67E-78	1. 23E-76	165. 4044
CLCN4	1. 237188	1. 001836	25. 4884	9. 00E-79	1. 48E-77	167. 5514
MID1	1. 202959	1. 91594	17. 712	2. 70E-49	1. 97E-48	99. 61962
HCCS	2. 013221	3. 121535	38. 0866	2. 14E-120	3. 07E-118	263. 5818
ARHGAP6	1. 068973	1. 318998	16. 09847	4. 82E-43	3. 09E-42	85. 22847
MSL3	1. 052604	3. 470362	17. 34749	7. 00E-48	4. 96E-47	96. 36325
TMSB4X	3. 160643	10. 76813	30. 35876	7. 10E-96	2. 39E-94	207. 0007
EGFL6	1. 445338	0. 723854	23. 24545	1. 71E-70	2. 16E-69	148. 4594
RAB9A	1. 265771	3. 905993	22. 65328	2. 87E-68	3. 38E-67	143. 334
PIR	1. 666309	2. 122094	24. 206	4. 57E-74	6. 44E-73	156. 7005
BMX	1. 106862	0. 879942	15. 91536	2. 45E-42	1. 55E-41	83. 6017
ACE2	1. 035251	1. 546378	10. 05067	8. 15E-21	3. 31E-20	34. 19279
CA5BP1	1. 469772	2. 790136	23. 11052	5. 49E-70	6. 81E-69	147. 2944
AC112497. 1	1. 272898	1. 346229	25. 03699	3. 99E-77	6. 21E-76	163. 7524
ZRSR2	1. 141251	3. 176873	19. 44131	5. 37E-56	4. 58E-55	115. 0518
AP1S2	1. 525775	2. 770074	21. 25835	5. 60E-63	5. 70E-62	131. 1395
GRPR	-1. 48558	1. 052891	-25. 5503	5. 36E-79	8. 89E-78	168. 0708
SYAP1	1. 817864	2. 965339	36. 701	3. 14E-116	3. 51E-114	253. 9687
RBBP7	1. 428302	5. 656402	22. 75811	1. 16E-68	1. 38E-67	144. 2436
NHS	1. 49529	0. 988923	27. 6304	1. 89E-86	4. 09E-85	185. 2566
SH3KBP1	3. 513713	2. 941206	52. 9042	1. 78E-159	5. 14E-156	353. 7843
EIF1AX	1. 220301	4. 400238	16. 97273	1. 99E-46	1. 37E-45	93. 01725
RPS6KA3	1. 725253	3. 183323	24. 71695	5. 96E-76	8. 95E-75	161. 0454
MBTPS2	1. 198535	2. 110338	23. 04435	9. 72E-70	1. 19E-68	146. 7225
SMS	2. 727887	4. 57377	43. 54918	6. 62E-136	3. 08E-133	299. 3796
FAM3C2	2. 523923	3. 606587	22. 21291	1. 32E-66	1. 48E-65	139. 5017
ACOT9	1. 64973	4. 077824	27. 59995	2. 43E-86	5. 21E-85	185. 0088
SAT1	2. 239201	7. 895806	19. 42211	6. 37E-56	5. 42E-55	114. 8809
APOO	1. 434281	3. 152617	29. 63346	2. 08E-93	6. 22E-92	201. 3106
PDK3	1. 455653	1. 768821	28. 83275	1. 19E-90	3. 11E-89	194. 9528
GS1-358P8. 4	1. 051783	2. 030975	20. 40222	1. 06E-59	9. 91E-59	123. 5832
CXorf21	1. 066172	0. 689688	19. 74235	3. 70E-57	3. 24E-56	117. 7294
GK	1. 717851	1. 887395	27. 70862	1. 00E-86	2. 19E-85	185. 8928
DMD	-1. 38051	2. 860974	-19. 1311	8. 50E-55	7. 05E-54	112. 2888
TBCAP1	1. 00473	0. 606912	21. 55865	4. 01E-64	4. 21E-63	133. 7779
TMEM47	1. 843257	2. 481731	22. 34954	4. 01E-67	4. 58E-66	140. 6925
PRRG1	1. 904336	1. 610108	33. 08267	7. 00E-105	3. 88E-103	227. 7815
CYBB	2. 487865	2. 362006	24. 08827	1. 25E-73	1. 73E-72	155. 6955
DYNLT3	2. 322892	3. 519831	33. 06863	7. 77E-105	4. 30E-103	227. 6768
ATP6AP2	2. 661427	5. 040521	38. 82159	1. 45E-122	2. 42E-120	268. 5908
CXorf38	1. 598724	2. 444335	30. 42754	4. 16E-96	1. 43E-94	207. 5369
MED14	1. 042912	3. 19375	17. 98127	2. 43E-50	1. 82E-49	102. 0255
RPS2P55	1. 614674	1. 494146	37. 47234	1. 46E-118	1. 90E-116	259. 3478
USP9X	1. 215742	3. 513471	19. 92414	7. 36E-58	6. 55E-57	119. 3443
DDX3X	1. 442404	5. 188761	18. 51925	1. 99E-52	1. 56E-51	106. 8306
CASK	2. 047562	3. 347264	31. 41747	2. 01E-99	8. 12E-98	215. 188
P11-204C16.	1. 223628	0. 649956	24. 32536	1. 65E-74	2. 36E-73	157. 718
GPR34	1. 302108	1. 481884	14. 80392	4. 56E-38	2. 65E-37	73. 78161

MAOB	2.668338	3.210818	31.80775	1.02E-100	4.44E-99	218.1707
FUNDC1	1.945516	3.064363	34.88775	1.25E-110	9.76E-109	241.0445
CXorf36	1.289028	1.835701	18.75477	2.43E-53	1.94E-52	108.9328
MIR222HG	1.767558	1.647302	21.71491	1.02E-64	1.09E-63	135.148
SLC9A7	1.164098	1.856723	19.52043	2.66E-56	2.28E-55	115.7559
RP2	1.97236	1.840857	35.5667	9.55E-113	8.47E-111	245.9301
RGN	-1.48556	3.159027	-16.9143	3.35E-46	2.30E-45	92.4958
NDUFB11	1.155392	5.850459	17.9243	4.04E-50	3.00E-49	101.5165
UBA1	1.848996	5.920803	27.02227	2.71E-84	5.40E-83	180.2853
CDK16	1.068089	5.126918	16.57859	6.70E-45	4.46E-44	89.50212
USP11	1.393361	4.409951	21.08916	2.48E-62	2.48E-61	129.6501
TIMP1	4.709907	7.929984	36.51409	1.16E-115	1.27E-113	252.6546
CFP	1.483211	1.361341	17.46241	2.51E-48	1.79E-47	97.3898
ELK1	1.869805	3.374493	32.74162	8.92E-104	4.64E-102	225.2304
UXT	1.080013	6.591147	16.27873	9.69E-44	6.30E-43	86.83171
SLC38A5	-1.62014	6.144571	-11.8137	6.13E-27	2.84E-26	48.22179
FTSJ1	1.397099	4.486802	23.05098	9.18E-70	1.13E-68	146.7798
PORCN	1.364468	2.784342	22.4805	1.28E-67	1.49E-66	141.8324
EBP	2.170901	5.14084	28.96178	4.24E-91	1.14E-89	195.9826
TBC1D25	1.145501	2.441265	23.21322	2.26E-70	2.84E-69	148.1812
RBM3	1.046973	7.083897	11.6097	3.29E-26	1.50E-25	46.54828
P11-1148L6.	1.459714	3.060936	23.38735	5.05E-71	6.45E-70	149.6826
WAS	2.141809	2.16138	23.36459	6.15E-71	7.82E-70	149.4866
SUV39H1	1.086877	1.630226	27.5772	2.92E-86	6.25E-85	184.8235
TIMM17B	1.882666	4.805929	31.2464	7.45E-99	2.92E-97	213.8746
PQBP1	1.032365	5.637562	15.59504	4.21E-41	2.59E-40	80.76123
SLC35A2	1.753614	4.050808	29.35341	1.90E-92	5.41E-91	199.0961
PIM2	2.358117	2.628309	30.8796	1.25E-97	4.62E-96	211.0461
OTUD5	1.138753	4.610262	19.46288	4.43E-56	3.79E-55	115.2438
TFE3	1.552601	3.89688	24.32604	1.64E-74	2.35E-73	157.7238
PRAF2	2.402345	3.407216	34.20247	1.81E-108	1.24E-106	236.0565
GPKOW	1.828962	3.324938	38.07678	2.29E-120	3.27E-118	263.5144
PRICKLE3	1.096904	2.522279	19.51964	2.68E-56	2.30E-55	115.7489
CCDC22	1.075617	3.178171	22.53116	8.27E-68	9.62E-67	142.2729
FOXP3	1.486104	0.801349	25.32192	3.63E-78	5.88E-77	166.153
PPP1R3F	1.000998	1.509301	18.70075	3.94E-53	3.13E-52	108.4507
GSPT2	1.491352	2.142023	21.60168	2.75E-64	2.90E-63	134.1554
MAGED1	1.89271	5.59907	28.4488	2.56E-89	6.27E-88	191.8758
MAGED4B	1.010207	3.242876	10.29014	1.28E-21	5.27E-21	36.03534
MAGED4	1.936803	1.755293	20.24494	4.28E-59	3.92E-58	122.19
TSPYL2	-1.1194	4.624626	-12.3591	6.52E-29	3.14E-28	52.74934
IQSEC2	1.242921	2.723003	23.97203	3.36E-73	4.60E-72	154.7018
SMC1A	1.168618	3.171662	15.95726	1.69E-42	1.07E-41	83.97376
HSD17B10	1.542903	5.509676	24.17821	5.79E-74	8.14E-73	156.4635
TSR2	1.63948	4.338599	30.279	1.32E-95	4.40E-94	206.3782
GNL3L	1.126663	1.833377	20.34052	1.84E-59	1.70E-58	123.0368
MAGED2	2.007072	5.742357	28.43921	2.76E-89	6.77E-88	191.7987
APEX2	1.913635	2.841102	40.40961	3.65E-127	8.03E-125	279.2043
FAM104B	1.401255	2.923252	30.76971	2.93E-97	1.06E-95	210.1954
RRAGB	1.006914	3.077623	18.21668	2.97E-51	2.26E-50	104.1285
UBQLN2	1.938675	2.977912	34.26579	1.14E-108	7.96E-107	236.5199
LINC01420	2.639729	3.867772	44.56152	1.25E-138	6.95E-136	305.6658
SPIN4	1.131472	1.253163	20.41147	9.81E-60	9.14E-59	123.6651
ARHGEF9	1.455854	2.545964	28.69299	3.62E-90	9.31E-89	193.8349

ZC4H2	1. 244421	1. 97687	24. 02974	2. 05E-73	2. 83E-72	155. 1953
LAS1L	1. 026392	3. 796033	21. 03124	4. 13E-62	4. 10E-61	129. 1397
MSN	3. 251938	5. 282205	34. 54175	1. 53E-109	1. 13E-107	238. 5333
VSIG4	2. 032529	3. 344634	15. 27198	7. 36E-40	4. 43E-39	77. 90425
HEPH	3. 408684	2. 310044	38. 02016	3. 38E-120	4. 78E-118	263. 1259
YIPF6	1. 422393	3. 342093	24. 29165	2. 20E-74	3. 14E-73	157. 4308
EFNB1	3. 564271	3. 610892	41. 07625	4. 65E-129	1. 22E-126	283. 5766
PJA1	2. 087085	3. 333285	36. 04069	3. 28E-114	3. 27E-112	249. 3079
PDZD11	2. 256116	4. 284963	40. 38968	4. 16E-127	9. 12E-125	279. 0729
KIF4A	1. 829913	0. 950394	37. 75431	2. 10E-119	2. 82E-117	261. 2968
GDPD2	1. 015023	0. 510045	16. 16269	2. 72E-43	1. 75E-42	85. 79941
TEX11	-1. 60444	1. 495555	-20. 3278	2. 06E-59	1. 90E-58	122. 9244
SNX12	2. 059369	4. 073679	36. 50818	1. 21E-115	1. 32E-113	252. 613
IL2RG	5. 127664	3. 339341	52. 78144	3. 46E-159	9. 10E-156	353. 1204
OGT	-1. 19542	5. 497858	-14. 4878	7. 33E-37	4. 15E-36	71. 01017
CXCR3	1. 713866	0. 970317	27. 80105	4. 74E-87	1. 05E-85	186. 6436
PIN4	1. 561081	3. 415212	29. 52753	4. 79E-93	1. 41E-91	200. 4741
HDAC8	1. 222572	2. 930416	26. 75249	2. 48E-83	4. 78E-82	178. 0657
JPX	1. 440898	3. 575666	23. 4281	3. 56E-71	4. 56E-70	150. 0336
SLC16A2	1. 311938	2. 272582	20. 08516	1. 76E-58	1. 59E-57	120. 7734
RLIM	1. 4645	2. 321868	28. 68615	3. 82E-90	9. 81E-89	193. 7801
ABCB7	1. 013282	2. 837879	20. 83344	2. 36E-61	2. 30E-60	127. 3952
UPRT	1. 019738	2. 33493	23. 59619	8. 40E-72	1. 10E-70	151. 4793
PBDC1	1. 924616	3. 881014	35. 15618	1. 81E-111	1. 49E-109	242. 9828
MAGT1	1. 293531	4. 18539	21. 42012	1. 35E-63	1. 40E-62	132. 5616
COX7B	2. 459678	5. 659024	37. 42023	2. 10E-118	2. 66E-116	258. 9866
PGK1	2. 833927	6. 800846	31. 93787	3. 81E-101	1. 68E-99	219. 1609
TAF9B	1. 012281	2. 629897	18. 50101	2. 34E-52	1. 83E-51	106. 6678
P2RY10	1. 003763	0. 573451	14. 47286	8. 35E-37	4. 72E-36	70. 87982
ITM2A	1. 511516	2. 871466	13. 83542	2. 16E-34	1. 17E-33	65. 33228
SH3BGRL	2. 153356	5. 207694	30. 09555	5. 54E-95	1. 79E-93	204. 9434
POF1B	2. 389954	2. 474148	28. 16424	2. 52E-88	5. 89E-87	189. 5836
CHM	1. 2504	2. 257542	26. 09753	5. 58E-81	9. 88E-80	172. 6412
NAP1L3	1. 242278	1. 068015	15. 7768	8. 40E-42	5. 25E-41	82. 37213
DIAPH2	1. 454264	1. 872318	29. 83864	4. 14E-94	1. 29E-92	202. 927
TSPAN6	1. 379837	3. 67085	23. 84512	9. 95E-73	1. 34E-71	153. 6153
SRPX2	2. 941938	2. 583118	32. 97507	1. 56E-104	8. 47E-103	226. 9782
11-524D16	1. 522443	1. 298837	21. 17901	1. 12E-62	1. 14E-61	130. 4413
SYTL4	1. 181309	3. 270006	17. 01894	1. 32E-46	9. 11E-46	93. 42966
CSTF2	1. 833641	2. 307276	40. 41021	3. 63E-127	8. 02E-125	279. 2083
TRMT2B	1. 053292	2. 317752	22. 74343	1. 31E-68	1. 56E-67	144. 1163
CENPI	1. 008015	0. 568218	28. 69451	3. 57E-90	9. 20E-89	193. 847
TIMM8A	1. 229439	1. 709573	32. 21805	4. 57E-102	2. 14E-100	221. 2858
BTK	1. 730529	1. 646666	19. 86729	1. 22E-57	1. 08E-56	118. 8394
RPL36A	1. 08167	10. 07331	10. 68897	5. 56E-23	2. 36E-22	39. 15129
GLA	2. 034957	3. 524109	34. 18869	2. 01E-108	1. 37E-106	235. 9557
HNRNPH2	1. 601385	4. 775833	25. 09735	2. 40E-77	3. 77E-76	164. 2618
ARMCX6	1. 115088	4. 685389	18. 74999	2. 54E-53	2. 03E-52	108. 8902
BEX1	-1. 01741	3. 988536	-6. 73388	7. 76E-11	2. 44E-10	11. 46431
NXF3	1. 423485	1. 201492	11. 08647	2. 32E-24	1. 02E-23	42. 31181
BEX4	1. 062278	3. 89525	13. 31287	1. 97E-32	1. 02E-31	60. 83103
TCEAL8	1. 698369	4. 769867	27. 77778	5. 73E-87	1. 26E-85	186. 4546
TCEAL7	1. 87975	1. 439589	27. 62764	1. 94E-86	4. 18E-85	185. 2342
WBP5	2. 062385	5. 126032	27. 66505	1. 43E-86	3. 10E-85	185. 5386

NGFRAP1	1. 602889	5. 939001	22. 1821	1. 72E-66	1. 93E-65	139. 233
TCEAL4	1. 372692	5. 788214	18. 79663	1. 68E-53	1. 34E-52	109. 3063
TCEAL3	1. 118342	4. 332698	12. 32553	8. 64E-29	4. 16E-28	52. 46853
MORF4L2	1. 231721	6. 585789	15. 49909	9. 86E-41	6. 03E-40	79. 91182
TMSB15B	1. 479675	1. 415138	26. 28278	1. 20E-81	2. 17E-80	174. 1805
MUM1L1	-1. 03249	1. 783386	-11. 727	1. 25E-26	5. 76E-26	47. 50924
RNF128	2. 226482	3. 608888	24. 84863	1. 96E-76	2. 99E-75	162. 1605
CLDN2	3. 398431	3. 520619	19. 07838	1. 36E-54	1. 12E-53	111. 8189
PRPS1	1. 309205	3. 603104	19. 1298	8. 60E-55	7. 13E-54	112. 2773
TSC22D3	1. 996871	6. 166124	16. 17901	2. 35E-43	1. 52E-42	85. 94459
VSIG1	3. 443773	1. 806389	21. 71115	1. 05E-64	1. 12E-63	135. 1151
PSMD10	1. 93794	3. 889659	34. 41896	3. 74E-109	2. 68E-107	237. 6385
RP6-149D17. 1	-3. 16291	2. 829623	-11. 4331	1. 40E-25	6. 28E-25	45. 10907
COL4A5	1. 289428	1. 364993	18. 66355	5. 49E-53	4. 35E-52	108. 1188
NXT2	1. 330988	1. 856146	28. 23067	1. 48E-88	3. 48E-87	190. 1196
ACSL4	2. 322265	2. 977719	32. 65609	1. 69E-103	8. 67E-102	224. 5883
AMMECR1	1. 331279	1. 613943	32. 30228	2. 42E-102	1. 16E-100	221. 9227
PAK3	-2. 06145	2. 127651	-29. 4014	1. 30E-92	3. 73E-91	199. 4763
CAPN6	1. 241214	1. 837771	13. 05637	1. 77E-31	9. 01E-31	58. 63927
EIF4BP7	1. 081642	1. 397735	26. 65961	5. 34E-83	1. 02E-81	177. 2995
AMOT	1. 405878	1. 386472	22. 3315	4. 69E-67	5. 34E-66	140. 5354
PLS3	2. 798231	4. 67212	36. 23695	8. 20E-115	8. 42E-113	250. 6986
RP1-241P17. 4	2. 078248	1. 759307	15. 84089	4. 76E-42	2. 99E-41	82. 9407
SLC6A14	3. 628852	1. 773801	31. 10371	2. 23E-98	8. 55E-97	212. 7763
WDR44	1. 350295	2. 087685	24. 40726	8. 24E-75	1. 19E-73	158. 4153
DOCK11	2. 399833	1. 887517	35. 88591	9. 84E-114	9. 39E-112	248. 2079
IL13RA1	2. 404177	4. 17815	35. 98011	5. 04E-114	4. 94E-112	248. 8777
PGRMC1	2. 223773	4. 949196	33. 64879	1. 06E-106	6. 48E-105	231. 9844
SLC25A43	1. 48946	2. 5466	28. 02611	7. 68E-88	1. 75E-86	188. 4673
CXorf56	1. 315289	3. 017957	24. 64135	1. 13E-75	1. 68E-74	160. 4043
UBE2A	1. 936267	4. 486877	33. 0277	1. 05E-104	5. 81E-103	227. 3713
NKRF	1. 149938	1. 963524	26. 47348	2. 48E-82	4. 60E-81	175. 761
6-Sep	2. 685947	2. 834686	35. 43287	2. 49E-112	2. 15E-110	244. 9716
RPL39	1. 41608	10. 7486	13. 62218	1. 37E-33	7. 27E-33	63. 48996
UPF3B	1. 005347	2. 50105	20. 00954	3. 45E-58	3. 10E-57	120. 1024
NDUFA1	1. 95752	6. 050976	31. 02798	3. 99E-98	1. 52E-96	212. 1923
NKAP	1. 116186	2. 207936	30. 17501	2. 98E-95	9. 77E-94	205. 5654
RHOXF1P1	-2. 01417	1. 362727	-37. 2632	6. 23E-118	7. 70E-116	257. 8962
ZBTB33	1. 168382	2. 162267	24. 1524	7. 21E-74	1. 01E-72	156. 2432
LAMP2	1. 819611	5. 24244	26. 04775	8. 45E-81	1. 48E-79	172. 2268
CUL4B	1. 13591	3. 546691	20. 19029	6. 95E-59	6. 34E-58	121. 7057
MCTS1	1. 296439	4. 733908	23. 54634	1. 29E-71	1. 67E-70	151. 0509
C1GALT1C1	1. 839458	3. 594147	33. 78796	3. 79E-107	2. 39E-105	233. 0115
XIAP	1. 459622	3. 103144	29. 9339	1. 96E-94	6. 17E-93	203. 6756
STAG2	1. 484037	3. 479978	23. 87414	7. 76E-73	1. 05E-71	153. 8639
SH2D1A	1. 016189	0. 576503	15. 99792	1. 18E-42	7. 50E-42	84. 33495
SMARCA1	1. 336359	3. 207623	17. 52214	1. 47E-48	1. 06E-47	97. 92336
SASH3	2. 144847	2. 001602	21. 6483	1. 83E-64	1. 94E-63	134. 5642
ZDHHC9	1. 378144	3. 816553	20. 96249	7. 56E-62	7. 46E-61	128. 5337
BCORL1	1. 068851	1. 843674	20. 53268	3. 36E-60	3. 17E-59	124. 7377
ELF4	2. 823546	2. 356122	44. 05028	2. 93E-137	1. 45E-134	302. 5042
AIFM1	1. 164034	3. 933426	23. 45374	2. 85E-71	3. 67E-70	150. 2542
RAB33A	1. 081174	0. 639876	25. 87029	3. 70E-80	6. 36E-79	170. 7474
RBMX2	1. 230522	3. 484642	24. 04749	1. 76E-73	2. 44E-72	155. 3471

ENOX2	1. 383094	2. 132719	26. 9236	6. 08E-84	1. 20E-82	179. 4745
STK26	1. 956736	1. 979173	35. 01722	4. 91E-111	3. 96E-109	241. 9805
MBNL3	1. 059011	1. 674789	19. 96591	5. 08E-58	4. 53E-57	119. 7152
GPC4	1. 260897	2. 874837	19. 38432	8. 92E-56	7. 55E-55	114. 5444
GPC3	1. 059768	2. 632747	10. 07432	6. 80E-21	2. 76E-20	34. 37379
RP3-417G15.1	1. 313996	2. 146139	15. 94418	1. 90E-42	1. 20E-41	83. 85759
HPRT1	1. 521655	4. 149297	24. 50596	3. 56E-75	5. 22E-74	159. 2546
FAM122B	1. 059439	3. 367255	18. 87151	8. 60E-54	6. 95E-53	109. 9743
FAM122C	1. 018364	1. 088666	23. 70408	3. 33E-72	4. 40E-71	152. 4058
MOSPD1	1. 158947	2. 198375	23. 72624	2. 75E-72	3. 65E-71	152. 596
SMIM10	1. 211116	1. 789912	22. 08578	3. 99E-66	4. 42E-65	138. 3922
FAM127C	1. 407579	2. 422657	22. 58634	5. 12E-68	5. 99E-67	142. 7525
FAM127A	2. 062596	5. 51846	26. 93768	5. 42E-84	1. 07E-82	179. 5902
FAM127B	1. 964361	5. 092754	29. 04729	2. 15E-91	5. 85E-90	196. 6641
MMGT1	1. 371271	2. 954623	25. 72252	1. 27E-79	2. 15E-78	169. 5127
SLC9A6	1. 523859	1. 940685	34. 8274	1. 93E-110	1. 49E-108	240. 6076
FHL1	1. 217134	3. 606933	11. 25047	6. 16E-25	2. 73E-24	43. 63079
HTATSF1	1. 769897	4. 090477	31. 67056	2. 91E-100	1. 23E-98	217. 1244
VGLL1	2. 375806	1. 473572	19. 32451	1. 52E-55	1. 28E-54	114. 0119
ARHGEF6	1. 360634	1. 764015	19. 02505	2. 19E-54	1. 79E-53	111. 3436
ATP11C	1. 223849	2. 119175	23. 1578	3. 65E-70	4. 56E-69	147. 7028
LDOC1	1. 033982	3. 692914	11. 82712	5. 49E-27	2. 54E-26	48. 3321
FTH1P8	2. 409932	2. 196284	39. 71197	3. 69E-125	7. 18E-123	274. 5764
IDS	1. 855803	4. 280675	24. 47328	4. 70E-75	6. 86E-74	158. 9768
TMEM185A	1. 62247	3. 200788	32. 75804	7. 89E-104	4. 13E-102	225. 3535
MTM1	1. 21822	1. 97668	23. 76583	1. 96E-72	2. 62E-71	152. 9356
CD99L2	1. 039809	3. 529075	14. 39836	1. 60E-36	8. 99E-36	70. 22865
HMGB3	1. 854319	3. 666971	21. 69853	1. 18E-64	1. 25E-63	135. 0045
VMA21	1. 32658	2. 67049	31. 19515	1. 10E-98	4. 29E-97	213. 4804
CETN2	2. 239486	4. 320842	36. 65422	4. 35E-116	4. 84E-114	253. 6402
NSDHL	2. 062389	3. 306541	38. 02879	3. 18E-120	4. 51E-118	263. 1852
ZNF185	2. 708614	2. 411732	34. 05295	5. 42E-108	3. 60E-106	234. 9606
HAUS7	1. 383384	3. 450338	22. 82909	6. 25E-69	7. 51E-68	144. 859
BGN	4. 564777	6. 707949	38. 10342	1. 91E-120	2. 76E-118	263. 6972
FAM58A	1. 370775	3. 762458	25. 60999	3. 25E-79	5. 44E-78	168. 5708
SLC6A8	2. 063577	3. 942796	15. 94415	1. 90E-42	1. 20E-41	83. 85734
BCAP31	1. 944996	6. 772317	29. 06384	1. 88E-91	5. 16E-90	196. 7958
PLXNB3	1. 094055	2. 656728	11. 39425	1. 92E-25	8. 58E-25	44. 7939
IDH3G	1. 336036	4. 913135	22. 83536	5. 92E-69	7. 12E-68	144. 9134
LICAM	1. 321637	1. 467202	11. 8563	4. 31E-27	2. 00E-26	48. 57251
ARHGAP4	1. 768443	3. 457621	16. 64976	3. 55E-45	2. 38E-44	90. 13648
NAA10	1. 041619	5. 69598	16. 03016	8. 85E-43	5. 65E-42	84. 62139
RENBP	2. 504967	2. 254442	33. 95184	1. 14E-107	7. 40E-106	234. 2179
HCFC1	1. 262216	3. 581429	22. 58785	5. 06E-68	5. 91E-67	142. 7656
IRAK1	1. 435111	5. 254203	20. 13918	1. 09E-58	9. 93E-58	121. 2525
MECP2	1. 455571	3. 494075	26. 08152	6. 38E-81	1. 12E-79	172. 5079
FLNA	2. 949183	7. 466536	26. 06979	7. 03E-81	1. 24E-79	172. 4103
DNASE1L1	2. 111364	3. 589105	33. 6262	1. 25E-106	7. 61E-105	231. 8174
H17-340M24.	1. 584054	2. 395262	29. 48893	6. 50E-93	1. 90E-91	200. 169
ATP6AP1	1. 899527	5. 705738	30. 86681	1. 38E-97	5. 09E-96	210. 9471
GDI1	1. 210931	5. 754421	15. 83523	5. 00E-42	3. 14E-41	82. 89052
FAM50A	1. 655912	5. 481884	23. 70723	3. 24E-72	4. 29E-71	152. 4329
LAGE3	1. 159586	4. 255508	18. 86272	9. 30E-54	7. 50E-53	109. 8959
SLC10A3	1. 732476	4. 026879	27. 30442	2. 69E-85	5. 56E-84	182. 5974

G6PD	2.054854	3.753871	32.63421	1.99E-103	1.02E-101	224.424
IKBKG	1.262744	3.596096	21.97763	1.03E-65	1.12E-64	137.4474
IKBKGP1	1.058368	0.749593	18.0897	9.23E-51	6.94E-50	102.9942
HMG1P37	2.187703	1.082283	49.30422	8.20E-151	1.13E-147	333.7892
F8A1	1.617343	3.791334	20.2801	3.14E-59	2.89E-58	122.5016
BRCC3	1.627562	2.804098	32.24664	3.68E-102	1.73E-100	221.5021
VBP1	1.592015	3.776327	28.57442	9.34E-90	2.34E-88	192.8845
CLIC2	1.746479	1.909175	21.80792	4.52E-65	4.87E-64	135.9627
P13-228J13.	1.006572	1.31152	13.32003	1.85E-32	9.62E-32	60.8924
TMLHE	1.255371	2.426855	26.58891	9.56E-83	1.80E-81	176.7156
VAMP7	1.569195	3.316939	27.09025	1.55E-84	3.11E-83	180.8433
MT-RNR1	1.665874	9.586552	14.76922	6.19E-38	3.59E-37	73.47693
MT-RNR2	1.324273	11.51761	10.50581	2.36E-22	9.89E-22	37.71321
MT-CO1	1.175466	13.02517	7.5965	3.44E-13	1.16E-12	16.79888
MT-ND6	1.361055	10.84978	9.383769	1.27E-18	4.89E-18	29.18379

Table S4. The 1305 DEGs between the high-risk group and the low-risk group

	baseMean	log2FoldChang	lfcSE	stat	pvalue	padj
AMY2B	7979.991	3.579570462	0.378368	9.460547	3.06E-21	1.13E-16
THrsp	21.22727	3.627576381	0.387763	9.355129	8.35E-21	1.54E-16
TMED6	258.2693	2.284821363	0.265634	8.601398	7.88E-18	4.42E-14
P2RX1	349.9453	1.910327105	0.222293	8.59373	8.42E-18	4.42E-14
MET	7967.424	-1.06938763	0.129667	-8.24715	1.62E-16	6.63E-13
CTRL	67.47473	3.200699058	0.398037	8.041203	8.90E-16	2.40E-12
FGL1	949.2801	3.131865963	0.38964	8.037845	9.14E-16	2.40E-12
LINC00926	403.6192	2.037855361	0.253107	8.051345	8.19E-16	2.40E-12
GPHA2	121.8905	3.623033087	0.456852	7.930434	2.18E-15	4.72E-12
ITGA2	7201.023	-1.00795325	0.127376	-7.91324	2.51E-15	4.85E-12
SPINK4	344.1787	3.075094306	0.388517	7.914945	2.47E-15	4.85E-12
PEX5L	30.82446	1.914110022	0.244815	7.818597	5.34E-15	8.93E-12
SLC14A1	562.6279	-2.29355401	0.295494	-7.76177	8.38E-15	1.28E-11
RASGRP2	648.149	1.653851109	0.214154	7.722708	1.14E-14	1.61E-11
NKAIN2	16.94061	1.959346984	0.256068	7.65168	1.98E-14	2.52E-11
PPL	8468.579	-1.0529277	0.137558	-7.65442	1.94E-14	2.52E-11
TEX11	118.6351	2.068482892	0.270179	7.65598	1.92E-14	2.52E-11
BRSK2	211.6128	1.846658599	0.241732	7.639286	2.18E-14	2.68E-11
FAM110D	141.8973	1.161387383	0.152351	7.623121	2.48E-14	2.79E-11
SPX	56.70406	2.875818324	0.378046	7.607056	2.80E-14	3.03E-11
KLK1	7945.494	2.814825954	0.372114	7.564421	3.90E-14	3.87E-11
CLEC3B	281.5234	1.149993323	0.153115	7.510637	5.88E-14	5.28E-11
PEBP4	21.52016	1.426080712	0.190061	7.503262	6.22E-14	5.41E-11
ZG16	50.6921	3.211248541	0.42887	7.487696	7.01E-14	5.73E-11
PART1	40.35999	2.110225019	0.283024	7.45599	8.92E-14	6.83E-11
KLB	56.81324	2.040683917	0.274571	7.432275	1.07E-13	7.41E-11
IL24	156.9522	1.763307797	0.237191	7.434129	1.05E-13	7.41E-11
TRPM6	41.21968	1.473911681	0.199099	7.402902	1.33E-13	9.07E-11
UCA1	1462.006	-2.08205845	0.281766	-7.38932	1.48E-13	9.69E-11
CD37	1943.611	1.406351268	0.190265	7.391548	1.45E-13	9.69E-11
LINGO3	34.81172	1.858140445	0.252137	7.369554	1.71E-13	1.09E-10
SOX17	169.1317	1.02676738	0.139431	7.363985	1.78E-13	1.11E-10
ATP4A	7.035701	2.985531458	0.405936	7.354677	1.91E-13	1.14E-10
SNTG2	34.18593	1.7632163	0.239696	7.356042	1.89E-13	1.14E-10
SNTG2.1	34.18593	1.7632163	0.239696	7.356042	1.89E-13	1.14E-10
SNTG2.2	34.18593	1.7632163	0.239696	7.356042	1.89E-13	1.14E-10
SLC1A2	161.5753	1.93765208	0.263687	7.348312	2.01E-13	1.14E-10
TNFRSF13C	411.9325	2.233799957	0.304434	7.33754	2.18E-13	1.19E-10
TBC1D10C	566.4839	1.435648363	0.196013	7.324249	2.40E-13	1.26E-10
MPZ	114.9438	1.199995364	0.164121	7.31163	2.64E-13	1.33E-10
CAMK2N2	74.4005	1.435870776	0.19732	7.276863	3.42E-13	1.65E-10
GNG7	607.7579	1.061449116	0.146329	7.253872	4.05E-13	1.87E-10
TMEM52	239.4597	2.092407191	0.289147	7.236487	4.60E-13	2.07E-10
RADIL	94.98507	1.112241959	0.153681	7.237348	4.58E-13	2.07E-10
KCNG2	9.389496	1.494352073	0.206671	7.230595	4.81E-13	2.13E-10
CD22	743.5033	1.952040355	0.271405	7.19234	6.37E-13	2.66E-10
FXYD1	46.43459	1.008966134	0.140665	7.172823	7.35E-13	3.04E-10
KIF26A	244.4898	1.040646239	0.145278	7.163144	7.88E-13	3.15E-10
CD19	294.7097	2.45218924	0.34249	7.159892	8.07E-13	3.19E-10
PLAT	24853.61	-1.37454383	0.192655	-7.13476	9.70E-13	3.79E-10

PLA2G2A	2294.378	2.561606329	0.361324	7.089505	1.35E-12	5.00E-10
CFD	972.2156	1.372100245	0.193588	7.087738	1.36E-12	5.01E-10
CFD.1	972.2156	1.372100245	0.193588	7.087738	1.36E-12	5.01E-10
KIF19	80.57148	1.46736822	0.207406	7.074864	1.50E-12	5.39E-10
P2RX5	201.7879	2.063588604	0.291971	7.067797	1.57E-12	5.51E-10
ATP1B2	158.2633	1.012207256	0.143199	7.06856	1.57E-12	5.51E-10
FCER2	208.6007	2.882759977	0.4086	7.055213	1.72E-12	5.98E-10
C6orf58	21.4493	2.07284811	0.29427	7.044023	1.87E-12	6.36E-10
MYOC	12.22329	2.421932191	0.344492	7.030436	2.06E-12	6.88E-10
ARHGAP9	707.7369	1.105571041	0.157476	7.020551	2.21E-12	7.25E-10
MATN4	34.03759	1.801405988	0.256633	7.019379	2.23E-12	7.25E-10
CD79B	604.4957	1.970744909	0.281263	7.006761	2.44E-12	7.80E-10
ANLN	1438.028	-1.0386097	0.148516	-6.99326	2.69E-12	8.16E-10
SNX22	193.0207	1.083137695	0.154867	6.993975	2.67E-12	8.16E-10
FITM1	32.35835	1.410564201	0.202294	6.972826	3.11E-12	9.29E-10
FITM1.1	32.35835	1.410564201	0.202294	6.972826	3.11E-12	9.29E-10
SLC6A16	74.83294	1.003362198	0.143973	6.969088	3.19E-12	9.46E-10
ZAP70	397.5734	1.409909479	0.203891	6.915004	4.68E-12	1.30E-09
CTRC	56607.68	3.642416354	0.529674	6.876708	6.13E-12	1.64E-09
MATK	185.5145	1.00671901	0.146404	6.876324	6.14E-12	1.64E-09
SNHG9	180.3013	1.102746616	0.160508	6.870344	6.40E-12	1.68E-09
ERP27	2087.182	2.276144932	0.332936	6.836589	8.11E-12	2.00E-09
RASAL3	669.9218	1.097448958	0.160649	6.831326	8.41E-12	2.06E-09
PROK1	18.4253	2.213465287	0.324321	6.824912	8.80E-12	2.11E-09
BPIFB4	5.139813	3.490918528	0.511655	6.822803	8.93E-12	2.13E-09
NEU4	34.13807	1.926512173	0.282643	6.816058	9.36E-12	2.21E-09
NEU4.1	34.13807	1.926512173	0.282643	6.816058	9.36E-12	2.21E-09
DIRAS1	156.6929	1.19315211	0.175169	6.811438	9.66E-12	2.24E-09
CD79A	1167.963	2.125141506	0.31236	6.803495	1.02E-11	2.35E-09
GCAT	685.5329	1.194900463	0.176088	6.785809	1.15E-11	2.59E-09
FCRL2	117.4261	2.27739329	0.335687	6.784268	1.17E-11	2.60E-09
RBPJL	779.0404	3.386876231	0.499386	6.782079	1.18E-11	2.62E-09
LINC00861	142.1204	1.713789147	0.253565	6.758779	1.39E-11	2.99E-09
LIMD2	1349.628	1.083641891	0.160914	6.734294	1.65E-11	3.46E-09
STAP1	94.94469	1.853967549	0.275578	6.727552	1.73E-11	3.59E-09
CLEC17A	64.52658	2.179314788	0.324155	6.72307	1.78E-11	3.68E-09
AQP12B	67.65171	2.993219147	0.445772	6.714683	1.88E-11	3.87E-09
GZMM	84.81285	1.342386437	0.200022	6.711195	1.93E-11	3.94E-09
HCAR1	265.6401	-1.57524851	0.235059	-6.70149	2.06E-11	4.17E-09
CELA2B	6890.43	3.428471516	0.511669	6.70057	2.08E-11	4.17E-09
RPS3AP5	40.6919	1.492752602	0.223227	6.687158	2.28E-11	4.50E-09
CD300LG	26.60462	2.312613319	0.345967	6.684494	2.32E-11	4.56E-09
LINC01251	7.50655	2.154424255	0.322486	6.680674	2.38E-11	4.65E-09
NPHS1	135.744	1.859239484	0.278655	6.672183	2.52E-11	4.88E-09
ACAP1	831.0279	1.154699658	0.173352	6.660999	2.72E-11	5.16E-09
ACAP1.1	831.0279	1.154699658	0.173352	6.660999	2.72E-11	5.16E-09
TSPAN7	744.291	1.179205354	0.177253	6.652685	2.88E-11	5.40E-09
AMY2A	19834.69	4.240219337	0.638667	6.639174	3.15E-11	5.89E-09
SYCN	12504.52	4.08355747	0.616886	6.619629	3.60E-11	6.43E-09
GSDMC	111.9099	-1.61872121	0.244972	-6.60779	3.90E-11	6.93E-09
GSDMC.1	111.9099	-1.61872121	0.244972	-6.60779	3.90E-11	6.93E-09
CLEC4G	21.84019	1.958928899	0.297669	6.5809	4.68E-11	7.97E-09
NCR3	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09
NCR3.1	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09

NCR3.2	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09
NCR3.3	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09
NCR3.4	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09
NCR3.5	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09
NCR3.6	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09
NCR3.7	41.99105	1.579128051	0.240188	6.574553	4.88E-11	8.23E-09
PNLIP	274224.3	4.243370533	0.649369	6.534607	6.38E-11	1.03E-08
PLIN1	363.8179	2.302060697	0.352407	6.532396	6.47E-11	1.04E-08
KCNK3	681.6878	1.579659469	0.243042	6.499536	8.06E-11	1.26E-08
XDH	1399.255	-1.17342436	0.180529	-6.49993	8.04E-11	1.26E-08
CETP	89.70515	1.117298188	0.172167	6.489603	8.61E-11	1.32E-08
SLITRK1	15.89245	2.010981639	0.309987	6.487311	8.74E-11	1.34E-08
SERPINB5	3308.511	-1.10277006	0.170134	-6.48179	9.06E-11	1.37E-08
HAS1	204.0087	2.024582796	0.312673	6.475086	9.48E-11	1.41E-08
CUZD1	6831.511	2.740285909	0.424396	6.456911	1.07E-10	1.56E-08
FBN3	16.1006	-2.04661862	0.317428	-6.44751	1.14E-10	1.63E-08
MAP4K1	502.6113	1.237104694	0.191858	6.448019	1.13E-10	1.63E-08
MAP4K1.1	502.6113	1.237104694	0.191858	6.448019	1.13E-10	1.63E-08
E2F7	173.214	-1.05329406	0.1635	-6.44217	1.18E-10	1.67E-08
ACTC1	74.33958	1.740532796	0.270328	6.438595	1.21E-10	1.70E-08
PI16	435.5579	2.018946459	0.313794	6.433988	1.24E-10	1.74E-08
CCR7	526.5312	1.719929235	0.267579	6.427733	1.30E-10	1.79E-08
TTYH1	438.4447	1.6732296	0.260331	6.427328	1.30E-10	1.79E-08
TTYH1.1	438.4447	1.6732296	0.260331	6.427328	1.30E-10	1.79E-08
TTYH1.2	438.4447	1.6732296	0.260331	6.427328	1.30E-10	1.79E-08
TTYH1.3	438.4447	1.6732296	0.260331	6.427328	1.30E-10	1.79E-08
XPNPEP2	78.21523	1.725112319	0.269228	6.40762	1.48E-10	1.98E-08
PCED1B-AS	351.3519	1.02848932	0.160614	6.403492	1.52E-10	2.02E-08
VPREB3	149.5643	2.256393288	0.352486	6.401368	1.54E-10	2.03E-08
TRAF3IP3	433.6393	1.227341863	0.191958	6.393797	1.62E-10	2.11E-08
SLC43A1	1310.831	1.089735769	0.170535	6.390101	1.66E-10	2.14E-08
AQP12A	34.9692	3.146336031	0.492718	6.385673	1.71E-10	2.17E-08
AQP8	1260.168	3.176384771	0.497569	6.383805	1.73E-10	2.19E-08
VIPR2	67.51433	1.495012291	0.235434	6.350021	2.15E-10	2.68E-08
ARC	113.5479	1.839011113	0.289656	6.348951	2.17E-10	2.69E-08
CEL	72377.58	3.564202966	0.562373	6.337789	2.33E-10	2.88E-08
BRINP2	10.13212	1.664286102	0.263435	6.317638	2.66E-10	3.22E-08
XKR4	39.14362	1.48012268	0.23484	6.302677	2.93E-10	3.52E-08
ZC3H12D	143.574	1.120628244	0.177858	6.30068	2.96E-10	3.55E-08
PRODH2	7.050726	1.983762612	0.314973	6.298194	3.01E-10	3.60E-08
CCDC69	1530.782	1.008176413	0.160285	6.28988	3.18E-10	3.77E-08
TRBV28	275.5195	1.24609791	0.198118	6.289669	3.18E-10	3.77E-08
BLK	302.7819	2.292369288	0.364962	6.281118	3.36E-10	3.94E-08
BLK.1	302.7819	2.292369288	0.364962	6.281118	3.36E-10	3.94E-08
PHACTR3	787.1102	-1.54767758	0.246889	-6.26872	3.64E-10	4.20E-08
SPSB4	72.63913	1.150850014	0.183607	6.268007	3.66E-10	4.20E-08
CD27	265.795	1.32449489	0.211355	6.26667	3.69E-10	4.23E-08
PLA2G1B	31705.74	3.373656267	0.538738	6.262148	3.80E-10	4.30E-08
RHOH	433.5671	1.256341561	0.200737	6.258632	3.88E-10	4.38E-08
POMC	57.39546	1.253346855	0.200278	6.258031	3.90E-10	4.38E-08
FAM181B	33.8784	1.222575192	0.195918	6.240232	4.37E-10	4.83E-08
ZNF98	15.70645	1.571230051	0.251896	6.237606	4.44E-10	4.89E-08
RAB26	390.0653	1.229187984	0.197171	6.234123	4.54E-10	4.95E-08
ITGAD	21.82217	1.193967777	0.191525	6.233989	4.55E-10	4.95E-08

COR01A	3064.183	1.104911962	0.177291	6.232201	4.60E-10	4.98E-08
CALML3	13.33601	3.090890065	0.496618	6.223883	4.85E-10	5.20E-08
GSG1	11.84694	1.932253102	0.310534	6.222358	4.90E-10	5.21E-08
CELA3A	123465.2	3.507557687	0.563711	6.222258	4.90E-10	5.21E-08
NEURL1	673.0358	1.404552762	0.225907	6.217405	5.05E-10	5.36E-08
AMER2	6.386145	1.986263133	0.319676	6.213356	5.19E-10	5.48E-08
HSPB6	1730.106	1.172605209	0.188765	6.211986	5.23E-10	5.50E-08
APOE	14679.73	1.164250874	0.187507	6.209099	5.33E-10	5.58E-08
SHISA8	8.676046	2.13135399	0.343566	6.203629	5.52E-10	5.73E-08
RTP5	9.735489	1.936207217	0.312709	6.191718	5.95E-10	6.15E-08
RTP5.1	9.735489	1.936207217	0.312709	6.191718	5.95E-10	6.15E-08
DHH	26.86531	1.079506482	0.174472	6.187262	6.12E-10	6.31E-08
GALNT8	98.89337	1.217179902	0.196798	6.184913	6.21E-10	6.38E-08
C2CD4B	431.6391	1.361004548	0.220096	6.18369	6.26E-10	6.42E-08
PACSIN1	91.55455	1.208069152	0.19541	6.182214	6.32E-10	6.46E-08
RAB39B	89.92383	1.277719987	0.206893	6.175738	6.59E-10	6.67E-08
LINC00402	19.19583	2.111050689	0.341995	6.172746	6.71E-10	6.76E-08
ACSL6	78.184	1.209140633	0.195936	6.171085	6.78E-10	6.80E-08
CELA2A	31278.83	3.750998715	0.608136	6.168024	6.91E-10	6.91E-08
MAT1A	145.2723	1.676536712	0.271898	6.166061	7.00E-10	6.98E-08
LGALS12	39.73436	1.558281142	0.252734	6.165686	7.02E-10	6.98E-08
PRSS1	179497.3	3.390807083	0.550053	6.164509	7.07E-10	7.01E-08
PRSS1.1	179497.3	3.390807083	0.550053	6.164509	7.07E-10	7.01E-08
TNFRSF13E	64.84538	2.097192664	0.340472	6.15967	7.29E-10	7.17E-08
ARRDC5	20.77153	1.075001598	0.174623	6.15613	7.45E-10	7.27E-08
ATP1A2	219.4597	1.657853367	0.269528	6.15095	7.70E-10	7.47E-08
ADAD2	9.164109	1.188701314	0.193498	6.14321	8.09E-10	7.79E-08
FCRLA	210.6445	2.245454425	0.365623	6.14144	8.18E-10	7.85E-08
CXCR4	5800.766	1.021036361	0.166355	6.137698	8.37E-10	7.98E-08
CD36	1230.697	1.248139893	0.203729	6.126469	8.99E-10	8.41E-08
CDHR1	32.62685	1.209205531	0.197339	6.12757	8.92E-10	8.41E-08
TMC8	1248.352	1.045110679	0.170575	6.126987	8.96E-10	8.41E-08
CD52	1538.72	1.174398968	0.19168	6.12686	8.96E-10	8.41E-08
SELL	1143.246	1.40157329	0.22884	6.124679	9.09E-10	8.46E-08
IL2ORB	708.5177	-1.79668145	0.293379	-6.12409	9.12E-10	8.47E-08
KCNA5	109.8511	1.326531813	0.21682	6.118115	9.47E-10	8.71E-08
SLC2A1	16423.85	-1.07823578	0.176322	-6.11514	9.65E-10	8.85E-08
CCKBR	49.07083	1.809058322	0.296399	6.103459	1.04E-09	9.38E-08
CELA3B	26257.92	3.293009729	0.53979	6.100544	1.06E-09	9.53E-08
AHNAK2	9491.13	-1.02084005	0.167395	-6.09839	1.07E-09	9.63E-08
DPEP3	8.461629	1.485948271	0.243747	6.096285	1.09E-09	9.69E-08
GJB4	577.1156	-1.14917584	0.18884	-6.08546	1.16E-09	1.02E-07
DES	1781.105	2.04529018	0.336186	6.083806	1.17E-09	1.03E-07
CRHBP	15.83326	1.186492335	0.195299	6.075271	1.24E-09	1.07E-07
S1PR4	272.5068	1.054401485	0.173888	6.063667	1.33E-09	1.14E-07
LY9	179.2518	1.35884726	0.224128	6.062812	1.34E-09	1.14E-07
GJB6	188.0722	-1.81776535	0.300075	-6.05771	1.38E-09	1.16E-07
IGF2BP3	377.0014	-1.47855816	0.244105	-6.05707	1.39E-09	1.17E-07
GAMT	911.7613	1.099831427	0.182024	6.042238	1.52E-09	1.26E-07
TCL1A	323.7356	2.797276236	0.463432	6.036003	1.58E-09	1.31E-07
RBM20	45.15391	1.162906183	0.192899	6.028562	1.65E-09	1.36E-07
DEFA6	6.741924	3.974358268	0.660187	6.020047	1.74E-09	1.42E-07
DEFA6.1	6.741924	3.974358268	0.660187	6.020047	1.74E-09	1.42E-07
KIRREL2	342.4257	1.626397195	0.270377	6.015303	1.80E-09	1.45E-07

CD48	860.9726	1.295839367	0.215511	6.012872	1.82E-09	1.46E-07
SLIT3	2397.891	1.159402121	0.192908	6.010136	1.85E-09	1.49E-07
ADORA2B	428.8917	-1.0413197	0.173274	-6.00966	1.86E-09	1.49E-07
RGN	278.6923	1.054719946	0.175624	6.005547	1.91E-09	1.52E-07
PTPRR	482.0781	-1.1546252	0.192346	-6.00286	1.94E-09	1.53E-07
KLHDC7B	770.0407	-1.78219077	0.297097	-5.99868	1.99E-09	1.56E-07
PNMA3	49.9609	1.17947098	0.196723	5.995587	2.03E-09	1.58E-07
LYVE1	311.4184	1.239010047	0.207119	5.982123	2.20E-09	1.69E-07
SCML4	118.8339	1.186167395	0.198312	5.981314	2.21E-09	1.70E-07
ZNF831	130.5381	1.491496694	0.249592	5.975735	2.29E-09	1.74E-07
OSR1	243.7871	1.268374423	0.212244	5.976016	2.29E-09	1.74E-07
TM4SF1-AS	77.4407	-1.16039303	0.194419	-5.96853	2.39E-09	1.81E-07
BANF2	7.587075	3.067436572	0.513962	5.968219	2.40E-09	1.81E-07
UGT1A10	842.9924	-1.44364227	0.242196	-5.96063	2.51E-09	1.88E-07
TRBV5-4	11.84977	1.478504874	0.248105	5.959195	2.53E-09	1.89E-07
CSN1S1	3.782398	3.27562776	0.549813	5.957715	2.56E-09	1.90E-07
LINC01215	70.98812	1.816723148	0.3056	5.944779	2.77E-09	2.04E-07
DEFA5	16.25772	4.961784717	0.834949	5.942621	2.81E-09	2.06E-07
DEFA5.1	16.25772	4.961784717	0.834949	5.942621	2.81E-09	2.06E-07
CA6	2.494367	2.346708019	0.394905	5.942461	2.81E-09	2.06E-07
BTLA	84.93057	1.5931219	0.268302	5.937783	2.89E-09	2.12E-07
FAM167A-1	6.016297	2.695078995	0.454068	5.935404	2.93E-09	2.14E-07
FAM167A-2	6.016297	2.695078995	0.454068	5.935404	2.93E-09	2.14E-07
CPA1	254779.3	3.739293863	0.630072	5.934706	2.94E-09	2.14E-07
GALNT16	337.5043	1.031994859	0.173888	5.934838	2.94E-09	2.14E-07
DKK1	1320.173	-1.50562294	0.253858	-5.93096	3.01E-09	2.18E-07
CD7	392.1826	1.034932142	0.174599	5.927471	3.08E-09	2.21E-07
CTSV	417.1526	-1.21048675	0.204381	-5.92269	3.17E-09	2.27E-07
PCDH15	2.666556	2.17515822	0.367352	5.921184	3.20E-09	2.28E-07
CNR2	88.85207	2.170511646	0.367238	5.910369	3.41E-09	2.42E-07
MUC21	46.25722	-2.31697279	0.392348	-5.9054	3.52E-09	2.48E-07
MUC21.1	46.25722	-2.31697279	0.392348	-5.9054	3.52E-09	2.48E-07
MUC21.2	46.25722	-2.31697279	0.392348	-5.9054	3.52E-09	2.48E-07
MUC21.3	46.25722	-2.31697279	0.392348	-5.9054	3.52E-09	2.48E-07
MUC21.4	46.25722	-2.31697279	0.392348	-5.9054	3.52E-09	2.48E-07
MUC21.5	46.25722	-2.31697279	0.392348	-5.9054	3.52E-09	2.48E-07
MUC21.6	46.25722	-2.31697279	0.392348	-5.9054	3.52E-09	2.48E-07
CTRB1	66734.65	3.331097153	0.56436	5.902428	3.58E-09	2.51E-07
CTRB1.1	66734.65	3.331097153	0.56436	5.902428	3.58E-09	2.51E-07
CHL1-AS2	5.243773	1.554976284	0.263542	5.900292	3.63E-09	2.54E-07
HAMP	146.3486	1.286016936	0.218093	5.896637	3.71E-09	2.58E-07
PRSS3	7015.975	1.632207432	0.276825	5.896174	3.72E-09	2.59E-07
SDS	650.0448	1.179265304	0.200456	5.882924	4.03E-09	2.74E-07
CELP	219.4463	2.971883634	0.505322	5.881164	4.07E-09	2.76E-07
ACKR1	1610.976	1.455538885	0.247508	5.88078	4.08E-09	2.76E-07
TRIM50	57.59422	1.961009785	0.33404	5.870583	4.34E-09	2.89E-07
CPA2	48461.09	3.22971091	0.550286	5.869153	4.38E-09	2.91E-07
PTX3	343.9664	1.677983436	0.285997	5.86714	4.43E-09	2.94E-07
CYP4F32P	2.529864	2.348185095	0.400624	5.861325	4.59E-09	3.04E-07
IGHD	735.8563	2.211770251	0.37743	5.860081	4.63E-09	3.05E-07
TAGLN3	114.763	1.605228168	0.274887	5.839599	5.23E-09	3.39E-07
MDS2	8.862779	1.487955369	0.254875	5.837975	5.28E-09	3.42E-07
CASP14	117.3414	-3.63715652	0.623406	-5.83433	5.40E-09	3.47E-07
CMA1	21.67823	1.914906636	0.328574	5.827925	5.61E-09	3.56E-07

SCN4A	24.95875	1.254275609	0.215243	5.827254	5.63E-09	3.57E-07
MROH5	5.365535	1.247856972	0.214163	5.826665	5.65E-09	3.58E-07
MROH5.1	5.365535	1.247856972	0.214163	5.826665	5.65E-09	3.58E-07
PAX5	338.9565	2.202263558	0.378034	5.825574	5.69E-09	3.59E-07
CLPS	56483.34	3.882192505	0.666618	5.823714	5.76E-09	3.62E-07
TNNT1	536.2727	-1.78294918	0.306144	-5.82389	5.75E-09	3.62E-07
SERPINI2	1249.536	3.046835406	0.523279	5.822589	5.79E-09	3.62E-07
MMP1	17108.41	-1.83927392	0.315873	-5.82282	5.79E-09	3.62E-07
TRBV5-1	27.78871	1.466495727	0.251992	5.819601	5.90E-09	3.66E-07
PRKCB	636.5037	1.339879351	0.230538	5.811963	6.17E-09	3.79E-07
A2ML1	736.7199	-2.40144113	0.413485	-5.8078	6.33E-09	3.88E-07
VGLL1	359.0697	-1.48225666	0.255327	-5.80532	6.42E-09	3.91E-07
CPB1	230347.6	3.334704561	0.575499	5.794453	6.85E-09	4.14E-07
ADRA1B	53.64775	-1.2958775	0.223985	-5.78556	7.23E-09	4.33E-07
C1QTNF4	24.87529	1.167563057	0.201811	5.785438	7.23E-09	4.33E-07
C1QTNF4.1	24.87529	1.167563057	0.201811	5.785438	7.23E-09	4.33E-07
CMTM5	12.37083	1.381398694	0.238826	5.784122	7.29E-09	4.34E-07
CD247	335.8421	1.04957557	0.181544	5.781382	7.41E-09	4.39E-07
CD3D	352.8689	1.127215406	0.195333	5.770731	7.89E-09	4.62E-07
AOX1	895.1847	1.304563592	0.226067	5.770693	7.89E-09	4.62E-07
CHI3L2	187.4441	1.20491079	0.208857	5.769066	7.97E-09	4.65E-07
NPPC	14.65481	1.921968626	0.333168	5.768764	7.99E-09	4.65E-07
ART3	59.41658	1.804051817	0.312747	5.768398	8.00E-09	4.66E-07
FCRL1	124.4184	2.317318775	0.402324	5.759839	8.42E-09	4.85E-07
SIT1	148.5577	1.304776257	0.226655	5.756651	8.58E-09	4.92E-07
CSF3	40.52806	2.149205279	0.373332	5.756819	8.57E-09	4.92E-07
CBFA2T3	407.0736	1.023494635	0.177864	5.754374	8.70E-09	4.97E-07
ANK2	789.8743	1.124208338	0.195425	5.752632	8.79E-09	5.00E-07
C14orf18C	16.33632	2.129919183	0.370524	5.748403	9.01E-09	5.11E-07
C14orf18D	16.33632	2.129919183	0.370524	5.748403	9.01E-09	5.11E-07
SPACA3	15.98277	1.881141415	0.32741	5.74552	9.16E-09	5.17E-07
PLIN4	1110.332	1.819410752	0.316881	5.741616	9.38E-09	5.28E-07
SLC5A10	19.84768	1.034325804	0.180559	5.728468	1.01E-08	5.63E-07
PRSS3P1	174.6921	3.111762555	0.543306	5.727457	1.02E-08	5.66E-07
FGF23	2.58125	-2.91595915	0.509405	-5.72424	1.04E-08	5.74E-07
MEDAG	1164.492	1.34606549	0.235318	5.720191	1.06E-08	5.86E-07
STMN4	18.99564	1.689439051	0.295717	5.713034	1.11E-08	6.06E-07
CXCL12	3510.776	1.121349245	0.19647	5.707476	1.15E-08	6.19E-07
SORCS1	116.4834	1.277151301	0.223739	5.708211	1.14E-08	6.19E-07
PCSK1N	1710.484	1.576253073	0.276309	5.704676	1.17E-08	6.28E-07
P2RY8	483.6953	1.044205847	0.183145	5.701527	1.19E-08	6.38E-07
CACNA1I	65.22494	1.278561593	0.224847	5.686352	1.30E-08	6.86E-07
CTRB2	71196.91	2.942117297	0.518069	5.679012	1.35E-08	7.10E-07
CTRB2.1	71196.91	2.942117297	0.518069	5.679012	1.35E-08	7.10E-07
IDO1	674.0146	-1.5270488	0.269066	-5.67537	1.38E-08	7.23E-07
TRBV29-1	27.10831	1.416198956	0.249578	5.674381	1.39E-08	7.25E-07
IL1RAPL2	22.92476	-1.37103337	0.241798	-5.67016	1.43E-08	7.39E-07
RASGEF1C	13.8694	1.200415904	0.211832	5.666819	1.45E-08	7.50E-07
TMEM72	38.29151	1.684974022	0.2974	5.665687	1.46E-08	7.54E-07
PMP2	41.84194	1.769024745	0.312367	5.663298	1.48E-08	7.61E-07
SP140	326.9969	1.158826335	0.204614	5.663476	1.48E-08	7.61E-07
S100A1	198.8901	1.039715985	0.183623	5.662241	1.49E-08	7.64E-07
DNASE1L3	75.81305	1.438775179	0.254127	5.66163	1.50E-08	7.65E-07
ADAMTS8	320.3812	1.345692107	0.237831	5.658185	1.53E-08	7.77E-07

ZNF80	11.06844	1.536477339	0.271785	5.653287	1.57E-08	7.95E-07
IGHV5-78	23.62483	1.426806661	0.252391	5.65315	1.58E-08	7.95E-07
KLHL14	36.9958	1.717045119	0.303852	5.650935	1.60E-08	8.02E-07
PCAT29	5.957453	1.395755081	0.247203	5.646182	1.64E-08	8.19E-07
HPD	54.40579	1.233170715	0.218459	5.644856	1.65E-08	8.22E-07
LRRC74A	5.525501	1.063131033	0.188349	5.644486	1.66E-08	8.22E-07
CADM3	227.0058	1.351780277	0.239553	5.642925	1.67E-08	8.29E-07
GZMK	232.9937	1.293128221	0.22933	5.638727	1.71E-08	8.41E-07
HPN	1231.74	1.567059552	0.277955	5.637811	1.72E-08	8.43E-07
HES6	458.4419	1.022615538	0.181414	5.636907	1.73E-08	8.47E-07
C10orf82	5.005658	1.523866798	0.27035	5.63665	1.73E-08	8.47E-07
ECHDC3	306.3871	1.020341818	0.181163	5.632166	1.78E-08	8.66E-07
MEP1A	65.13778	2.009824673	0.357175	5.627005	1.83E-08	8.87E-07
PAIP2B	393.424	1.17386368	0.208806	5.621797	1.89E-08	9.09E-07
TLR10	140.314	1.536977024	0.273488	5.619917	1.91E-08	9.16E-07
GPR18	49.24977	1.343929155	0.239538	5.610505	2.02E-08	9.55E-07
ITK	418.9997	1.320985771	0.235551	5.608062	2.05E-08	9.65E-07
MAG	7.416022	1.872123336	0.334029	5.604674	2.09E-08	9.81E-07
NPAS4	10.02192	1.197389883	0.213864	5.598825	2.16E-08	1.01E-06
ASB2	215.3605	1.227651286	0.219298	5.598096	2.17E-08	1.01E-06
ASB2.1	215.3605	1.227651286	0.219298	5.598096	2.17E-08	1.01E-06
ITM2A	924.3877	1.009966584	0.180531	5.594431	2.21E-08	1.03E-06
PGM5P4-AS	3.901886	1.430266078	0.255813	5.591067	2.26E-08	1.04E-06
PPP1R16B	737.9885	1.009557012	0.180621	5.589374	2.28E-08	1.05E-06
FCRL3	199.4947	1.636674831	0.292919	5.587474	2.30E-08	1.06E-06
FAM180B	11.84844	1.524978186	0.273224	5.581415	2.39E-08	1.08E-06
FAM180B.1	11.84844	1.524978186	0.273224	5.581415	2.39E-08	1.08E-06
TRBV20-1	39.59894	1.257843784	0.225574	5.576187	2.46E-08	1.11E-06
LY86-AS1	6.234562	1.681152852	0.302416	5.559066	2.71E-08	1.21E-06
ABCC11	23.1506	-1.04002993	0.187154	-5.55707	2.74E-08	1.22E-06
NCF1B	67.79682	1.164448317	0.209561	5.556599	2.75E-08	1.22E-06
SLC12A1	5.375824	1.34471895	0.242022	5.55618	2.76E-08	1.22E-06
IGLV1-36	121.6751	1.917197686	0.345056	5.556188	2.76E-08	1.22E-06
TCEAL2	146.638	1.363858838	0.245512	5.555164	2.77E-08	1.23E-06
PM20D1	104.9389	1.747422317	0.314672	5.553148	2.81E-08	1.24E-06
FBXW12	17.59171	1.527286944	0.275793	5.537793	3.06E-08	1.33E-06
CIDEA	42.63636	2.959556126	0.535294	5.528838	3.22E-08	1.38E-06
FABP4	874.9102	1.844063898	0.333636	5.52718	3.25E-08	1.39E-06
KLK2	49.38875	2.659892191	0.481526	5.523883	3.32E-08	1.41E-06
ZNF114	34.9628	-1.14790742	0.207982	-5.51927	3.40E-08	1.45E-06
DPT	1452.465	1.202740093	0.218134	5.513763	3.51E-08	1.48E-06
MUC2	639.0718	2.455130349	0.445382	5.51242	3.54E-08	1.49E-06
MUC2.1	639.0718	2.455130349	0.445382	5.51242	3.54E-08	1.49E-06
MUC2.2	639.0718	2.455130349	0.445382	5.51242	3.54E-08	1.49E-06
SPINK1	41977.14	1.620640144	0.29441	5.504702	3.70E-08	1.54E-06
IGLV3-9	262.9362	1.821456359	0.332326	5.48093	4.23E-08	1.74E-06
MMRN1	638.635	1.231527075	0.224862	5.476822	4.33E-08	1.77E-06
ZNF556	14.24363	1.851142412	0.338353	5.471033	4.47E-08	1.82E-06
TESPA1	187.9147	1.102297876	0.201524	5.469817	4.51E-08	1.83E-06
CASQ2	70.97347	1.354446227	0.248292	5.455064	4.90E-08	1.96E-06
HADHAP1	3.649553	1.1609444	0.213065	5.448769	5.07E-08	2.01E-06
IGFN1	132.55	1.321897867	0.242701	5.446602	5.13E-08	2.02E-06
ARX	137.4958	1.497664681	0.275165	5.442781	5.25E-08	2.07E-06
BHLHA15	162.66	1.814801787	0.333592	5.440188	5.32E-08	2.09E-06

SLC5A8	5.492578	1.929449119	0.355032	5.434581	5.49E-08	2.14E-06
SLC5A8.1	5.492578	1.929449119	0.355032	5.434581	5.49E-08	2.14E-06
SLC7A10	12.77239	2.427839253	0.446761	5.434311	5.50E-08	2.14E-06
NCF1	195.9917	1.02875362	0.18945	5.430222	5.63E-08	2.18E-06
RCS1D1	995.0335	1.008553992	0.185861	5.426399	5.75E-08	2.22E-06
HTR1D	318.5697	-1.04295164	0.192206	-5.42622	5.76E-08	2.22E-06
RBFOX3	30.08641	1.217985938	0.22467	5.421216	5.92E-08	2.28E-06
IKZF3	874.1129	1.14483246	0.21124	5.419588	5.97E-08	2.30E-06
KCNH6	118.5384	1.613695617	0.297863	5.417571	6.04E-08	2.32E-06
ADAMTS9-1	62.81203	1.091819474	0.20154	5.417375	6.05E-08	2.32E-06
GNMT	140.7901	1.674801451	0.309212	5.416345	6.08E-08	2.33E-06
LILRA4	54.15693	1.357812751	0.250773	5.414509	6.15E-08	2.35E-06
LILRA4.1	54.15693	1.357812751	0.250773	5.414509	6.15E-08	2.35E-06
LILRA4.2	54.15693	1.357812751	0.250773	5.414509	6.15E-08	2.35E-06
LILRA4.3	54.15693	1.357812751	0.250773	5.414509	6.15E-08	2.35E-06
CRIP3	40.1003	1.028425692	0.190165	5.408075	6.37E-08	2.42E-06
REG1A	130197.5	2.316295569	0.428632	5.40392	6.52E-08	2.46E-06
C1QTNF9	6.468769	1.151082876	0.213075	5.40223	6.58E-08	2.48E-06
CD28	192.095	1.135434768	0.210482	5.394445	6.87E-08	2.57E-06
OXT	7.920823	1.313952103	0.243641	5.392978	6.93E-08	2.59E-06
LPL	893.1848	1.012502836	0.188071	5.383621	7.30E-08	2.71E-06
LMO3	274.7834	1.038822627	0.193127	5.378963	7.49E-08	2.77E-06
ACER2	225.9678	-1.07989622	0.201003	-5.37255	7.76E-08	2.85E-06
COL19A1	19.84462	1.937298368	0.360918	5.367704	7.97E-08	2.90E-06
CTSG	99.6544	1.436171494	0.267748	5.363886	8.15E-08	2.95E-06
PYHIN1	99.62563	1.14964232	0.214464	5.360544	8.30E-08	3.01E-06
ANGPTL1	399.9854	1.130362277	0.210881	5.360193	8.31E-08	3.01E-06
SLC6A4	76.66855	1.323542084	0.2471	5.3563	8.49E-08	3.06E-06
CD3E	929.8032	1.05850718	0.197768	5.35228	8.69E-08	3.12E-06
CHRDL2	424.1197	1.569084011	0.293236	5.350918	8.75E-08	3.13E-06
PCDH19	60.9388	1.002524182	0.187425	5.348939	8.85E-08	3.15E-06
LINC00494	50.82973	1.560175785	0.291766	5.347358	8.92E-08	3.17E-06
NTRK2	1421.893	1.100524041	0.205904	5.344837	9.05E-08	3.20E-06
CCL14	75.64926	1.258295278	0.235625	5.340241	9.28E-08	3.28E-06
CCL14.1	75.64926	1.258295278	0.235625	5.340241	9.28E-08	3.28E-06
CHRDL1	1090.37	1.439265057	0.269802	5.334522	9.58E-08	3.37E-06
ASTN1	59.91064	1.236571877	0.231828	5.334005	9.61E-08	3.37E-06
ANKRD30B	3.016668	2.276318278	0.42677	5.333824	9.62E-08	3.37E-06
ARHGEF26	14.52269	1.085335869	0.203742	5.327014	9.98E-08	3.48E-06
ARHGEF26	14.52269	1.085335869	0.203742	5.327014	9.98E-08	3.48E-06
BEND4	23.9374	1.670944679	0.313849	5.324048	1.01E-07	3.53E-06
TRBV6-5	14.37814	1.180324672	0.221889	5.319438	1.04E-07	3.59E-06
IL36RN	7.924788	-2.18902627	0.411633	-5.31791	1.05E-07	3.62E-06
HS3ST2	231.2734	1.114250788	0.20961	5.315839	1.06E-07	3.64E-06
APOC1	3498.191	1.011616741	0.190327	5.315139	1.07E-07	3.65E-06
PPY	17763.92	2.482269416	0.46704	5.3149	1.07E-07	3.65E-06
MEG9	38.7909	1.013643925	0.19087	5.310639	1.09E-07	3.73E-06
TMEM40	107.9479	-1.62595917	0.306162	-5.31079	1.09E-07	3.73E-06
GFRA1	617.8726	1.13097125	0.213051	5.308454	1.11E-07	3.76E-06
ACSM6	3.871446	1.466347759	0.276414	5.304898	1.13E-07	3.80E-06
ITIH4	74.62547	1.231563835	0.232184	5.304267	1.13E-07	3.81E-06
CD5	421.5984	1.01498751	0.191835	5.290927	1.22E-07	4.05E-06
RUNDC3A	266.9221	1.18593381	0.224407	5.284742	1.26E-07	4.16E-06
TRBV25-1	26.16863	1.155820801	0.218819	5.282092	1.28E-07	4.22E-06

CXCR5	23.30806	1.921282774	0.363811	5.28099	1.28E-07	4.23E-06
PCDHGB2	243.6906	-1.22829418	0.232729	-5.27779	1.31E-07	4.30E-06
CUX2	12.52405	1.153730594	0.218899	5.270604	1.36E-07	4.44E-06
SPAG6	21.15168	1.505574306	0.28611	5.262219	1.42E-07	4.61E-06
MYLK2	90.75805	1.531256541	0.290982	5.262373	1.42E-07	4.61E-06
ADH1B	1918.296	1.459427393	0.277442	5.260292	1.44E-07	4.65E-06
LINC01529	4.678089	1.241536694	0.236117	5.258134	1.46E-07	4.69E-06
CACNA2D2	500.6461	1.061991774	0.202296	5.249697	1.52E-07	4.86E-06
FCN2	3.552602	1.777522444	0.338704	5.248005	1.54E-07	4.90E-06
PRUNE2	997.5626	1.069756332	0.203848	5.247814	1.54E-07	4.90E-06
FZD9	10.27467	1.005830787	0.191697	5.246992	1.55E-07	4.91E-06
TMED11P	123.132	2.903397669	0.553439	5.246107	1.55E-07	4.93E-06
APLP1	1286.619	1.011526693	0.192969	5.24191	1.59E-07	5.03E-06
IKZF1	901.2725	1.068165736	0.203808	5.241045	1.60E-07	5.04E-06
RASD1	1254.409	1.063820802	0.203399	5.230207	1.69E-07	5.29E-06
MIR663AHC	2.77482	1.436035009	0.274663	5.228358	1.71E-07	5.33E-06
TNFSF8	157.942	1.128342664	0.215875	5.226832	1.72E-07	5.37E-06
SH2D1A	136.9282	1.164669571	0.222926	5.224474	1.75E-07	5.42E-06
GDF10	39.07966	1.19300033	0.228653	5.217516	1.81E-07	5.59E-06
SLAMF1	179.3727	1.010425627	0.193751	5.215084	1.84E-07	5.65E-06
AMHR2	27.88961	1.51407489	0.290602	5.21014	1.89E-07	5.76E-06
PCDHGB1	61.32034	-1.29658454	0.248875	-5.20977	1.89E-07	5.77E-06
FXD7	18.2913	1.160243643	0.222954	5.203949	1.95E-07	5.95E-06
LTA	41.18422	1.160612343	0.223056	5.20324	1.96E-07	5.96E-06
LTA.1	41.18422	1.160612343	0.223056	5.20324	1.96E-07	5.96E-06
LTA.2	41.18422	1.160612343	0.223056	5.20324	1.96E-07	5.96E-06
LTA.3	41.18422	1.160612343	0.223056	5.20324	1.96E-07	5.96E-06
LTA.4	41.18422	1.160612343	0.223056	5.20324	1.96E-07	5.96E-06
LTA.5	41.18422	1.160612343	0.223056	5.20324	1.96E-07	5.96E-06
LTA.6	41.18422	1.160612343	0.223056	5.20324	1.96E-07	5.96E-06
ARHGDI3	121.8727	1.505217267	0.289631	5.197014	2.03E-07	6.12E-06
HEPACAM	5.523	1.766142596	0.339936	5.195518	2.04E-07	6.15E-06
PNLIPRP1	9701.611	2.80664816	0.54046	5.193076	2.07E-07	6.21E-06
UPK2	96.69461	-1.85237065	0.356971	-5.18913	2.11E-07	6.30E-06
LCN10	18.80284	1.483587215	0.286155	5.184565	2.17E-07	6.44E-06
SCARA5	331.4297	1.693856231	0.326821	5.182832	2.19E-07	6.48E-06
VWA5B2	304.8002	1.406096855	0.271395	5.181003	2.21E-07	6.53E-06
CACNA1A	327.544	1.010007572	0.195148	5.175586	2.27E-07	6.70E-06
IGHG2	13144.34	1.467513685	0.283747	5.171909	2.32E-07	6.82E-06
NPW	30.00147	1.454785544	0.281584	5.166435	2.39E-07	6.99E-06
AKAP14	2.642851	-1.62502206	0.314926	-5.16002	2.47E-07	7.21E-06
RHCG	103.1171	-1.56138114	0.302781	-5.15681	2.51E-07	7.31E-06
ICAM5	90.41433	-1.2038458	0.233534	-5.15492	2.54E-07	7.37E-06
PLP1	277.0776	1.371378363	0.266127	5.153095	2.56E-07	7.43E-06
CCL21	2697.384	1.509237495	0.292939	5.152058	2.58E-07	7.46E-06
TCEAL5	45.37716	1.056255624	0.205364	5.143327	2.70E-07	7.76E-06
GP2	56819.14	2.76026215	0.536725	5.142787	2.71E-07	7.78E-06
GPM6A	147.042	1.359571769	0.264427	5.141581	2.72E-07	7.81E-06
TRBV7-4	2.632844	1.640136993	0.319002	5.141459	2.73E-07	7.81E-06
PHF21B	25.08916	1.063398419	0.206845	5.141034	2.73E-07	7.81E-06
SLC22A31	42.01369	1.513346029	0.294384	5.140722	2.74E-07	7.81E-06
SYP	451.234	1.03084454	0.200575	5.139456	2.76E-07	7.85E-06
NTF4	86.59715	-1.37556218	0.267808	-5.13638	2.80E-07	7.96E-06
NAT8L	212.7513	1.114354624	0.217105	5.132794	2.85E-07	8.10E-06

SYT6	31.126	1.491197883	0.290634	5.130843	2.88E-07	8.18E-06
GFAP	83.33217	1.272705882	0.248213	5.127479	2.94E-07	8.31E-06
MRAP	5.654158	2.008303625	0.391743	5.126589	2.95E-07	8.33E-06
CPA5	10.4555	1.331373852	0.259878	5.123074	3.01E-07	8.46E-06
CPB2-AS1	4.364287	1.079403912	0.210738	5.12203	3.02E-07	8.50E-06
ZDHHC19	8.959504	1.110440656	0.21686	5.12053	3.05E-07	8.55E-06
PRR35	2.824334	2.28655775	0.446653	5.119314	3.07E-07	8.58E-06
PDIA2	2558.507	2.015878392	0.393782	5.11927	3.07E-07	8.58E-06
SLC8A3	33.04718	1.069869052	0.209061	5.117502	3.10E-07	8.65E-06
CLCNKA	36.40439	1.198143208	0.234327	5.11312	3.17E-07	8.82E-06
MT1G	1798.69	1.478692249	0.289339	5.110583	3.21E-07	8.91E-06
TIGIT	284.7567	1.071993633	0.209796	5.109696	3.23E-07	8.94E-06
FFAR3	7.064538	1.02169306	0.200007	5.108286	3.25E-07	9.00E-06
COL6A4P1	7.022137	-1.20999481	0.236865	-5.10838	3.25E-07	9.00E-06
CXCL2	714.3516	1.111030922	0.21752	5.107717	3.26E-07	9.02E-06
PARP15	290.0606	1.091930703	0.213816	5.106875	3.28E-07	9.04E-06
GLYATL2	20.03213	1.281111651	0.250906	5.105938	3.29E-07	9.08E-06
FAM87A	14.65031	1.10016654	0.215858	5.09671	3.46E-07	9.44E-06
MROH9	3.128949	-1.87037094	0.36705	-5.09569	3.47E-07	9.47E-06
MADCAM1	189.6388	1.185538513	0.233017	5.087771	3.62E-07	9.80E-06
TACR1	65.02274	1.117546891	0.219726	5.08609	3.66E-07	9.88E-06
TDH	18.02796	1.54244808	0.303347	5.084773	3.68E-07	9.92E-06
TDH.1	18.02796	1.54244808	0.303347	5.084773	3.68E-07	9.92E-06
TRBV7-1	1.640105	2.115369774	0.416146	5.083236	3.71E-07	9.99E-06
IGKV2D-29	157.1418	1.655973069	0.326007	5.079571	3.78E-07	1.01E-05
HPCAL4	29.86988	1.246246974	0.245356	5.079339	3.79E-07	1.01E-05
MYRIP	130.9059	1.017703456	0.200402	5.078299	3.81E-07	1.02E-05
MUC16	4345.876	-1.68009565	0.330907	-5.07724	3.83E-07	1.02E-05
UGT1A6	120.6136	-1.39473516	0.274887	-5.07385	3.90E-07	1.04E-05
IGF1	199.6367	1.388702203	0.27398	5.068635	4.01E-07	1.06E-05
SCEL	1386.022	-1.19586129	0.236117	-5.0647	4.09E-07	1.08E-05
TNNT3	44.69268	1.292036161	0.255123	5.064372	4.10E-07	1.08E-05
TNNT3.1	44.69268	1.292036161	0.255123	5.064372	4.10E-07	1.08E-05
KEL	39.06252	1.130706868	0.223377	5.061866	4.15E-07	1.09E-05
KEL.1	39.06252	1.130706868	0.223377	5.061866	4.15E-07	1.09E-05
LCN6	17.62712	1.325558956	0.261882	5.061659	4.16E-07	1.09E-05
C1QL1	141.6283	1.151155063	0.227414	5.061941	4.15E-07	1.09E-05
ICAM3	122.4112	1.05385286	0.208204	5.061642	4.16E-07	1.09E-05
MIR4539	3.46105	2.25240497	0.445543	5.055413	4.29E-07	1.12E-05
CCR4	182.1929	1.16331495	0.230264	5.052092	4.37E-07	1.14E-05
ABCA8	691.8335	1.055721322	0.208967	5.05209	4.37E-07	1.14E-05
PTF1A	113.3786	2.862208052	0.566833	5.049469	4.43E-07	1.15E-05
AMYP1	8.3157	4.137554401	0.819619	5.048146	4.46E-07	1.16E-05
CHL1	348.0784	1.046662004	0.207376	5.047162	4.48E-07	1.16E-05
CACNG4	701.4557	-1.37855608	0.273469	-5.04099	4.63E-07	1.19E-05
TNMD	10.83097	2.198392282	0.436388	5.037699	4.71E-07	1.21E-05
KCNA1	10.89833	1.421112782	0.282525	5.030035	4.90E-07	1.25E-05
FAM163A	48.83769	1.18400888	0.235502	5.027586	4.97E-07	1.26E-05
FAM163A.1	48.83769	1.18400888	0.235502	5.027586	4.97E-07	1.26E-05
TRBV6-4	1.575581	1.665538902	0.331672	5.021641	5.12E-07	1.29E-05
TRAV4	10.09574	1.066649328	0.21248	5.020007	5.17E-07	1.30E-05
SHISA7	9.749762	1.196561567	0.238508	5.016865	5.25E-07	1.32E-05
C16orf89	288.3332	1.145209261	0.228412	5.01378	5.34E-07	1.34E-05
FEV	79.97066	1.43626911	0.286456	5.013922	5.33E-07	1.34E-05

GDAP1L1	28.80574	1.181360585	0.235678	5.012598	5.37E-07	1.34E-05
WDFY4	861.6565	1.023421702	0.204276	5.010002	5.44E-07	1.36E-05
DPEP1	1698.211	1.127307895	0.225159	5.00671	5.54E-07	1.37E-05
NROB1	54.16716	1.588085158	0.317193	5.006692	5.54E-07	1.37E-05
KLK3	144.9071	2.871844692	0.574365	5.000039	5.73E-07	1.41E-05
BTBD17	11.46663	1.419437083	0.283996	4.998096	5.79E-07	1.42E-05
CBLN1	66.13963	1.100412993	0.220297	4.995123	5.88E-07	1.44E-05
ANKRD55	23.94751	1.173639046	0.235234	4.989239	6.06E-07	1.48E-05
AGTR2	7.988903	2.207187872	0.442558	4.987344	6.12E-07	1.49E-05
GJC3	24.94892	1.019513329	0.204635	4.982099	6.29E-07	1.52E-05
P2RY10	97.18434	1.215191958	0.243972	4.980865	6.33E-07	1.53E-05
DUSP26	198.8926	1.141763624	0.229286	4.97965	6.37E-07	1.54E-05
MIR8071-2	13.85253	2.085974328	0.419048	4.977887	6.43E-07	1.55E-05
HSF5	5.773326	1.348597387	0.271045	4.97555	6.51E-07	1.56E-05
FBXL16	260.9495	1.006127183	0.202623	4.965524	6.85E-07	1.63E-05
TRBV19	28.79702	1.246918434	0.251125	4.965324	6.86E-07	1.63E-05
SNAP25	473.9972	1.079973554	0.217611	4.962855	6.95E-07	1.64E-05
ACTL8	5.401062	2.478113061	0.499398	4.962201	6.97E-07	1.65E-05
MS4A1	764.9415	1.992515154	0.401834	4.958555	7.10E-07	1.67E-05
PLIN5	205.775	1.143159836	0.230658	4.956074	7.19E-07	1.69E-05
KCNJ5	428.0671	1.223643026	0.247026	4.953492	7.29E-07	1.71E-05
TRAV8-6	10.9771	1.136364561	0.229401	4.953626	7.28E-07	1.71E-05
GRIA2	77.83393	1.39594539	0.281947	4.951094	7.38E-07	1.72E-05
CYP2B6	146.4536	-1.56887742	0.317073	-4.948	7.50E-07	1.75E-05
FTCD	48.31555	1.181501448	0.238846	4.946716	7.55E-07	1.75E-05
FTCD.1	48.31555	1.181501448	0.238846	4.946716	7.55E-07	1.75E-05
TUBB4A	74.03217	1.141760396	0.231079	4.941006	7.77E-07	1.80E-05
IRF4	253.0715	1.124462163	0.227644	4.939574	7.83E-07	1.80E-05
WNT9B	9.019508	1.012864155	0.205233	4.93519	8.01E-07	1.84E-05
WNT9B.1	9.019508	1.012864155	0.205233	4.93519	8.01E-07	1.84E-05
SFRP1	1128.122	1.278029972	0.259013	4.934233	8.05E-07	1.84E-05
GRIA1	10.74801	1.238441373	0.251054	4.932959	8.10E-07	1.85E-05
C12orf42	11.38617	1.760073838	0.357764	4.919649	8.67E-07	1.96E-05
OPRD1	40.79143	1.088280649	0.221275	4.918217	8.73E-07	1.97E-05
LBP	130.6592	1.727579665	0.351416	4.916046	8.83E-07	1.99E-05
RNU6-1022	3.429542	2.975015257	0.605378	4.914314	8.91E-07	2.00E-05
TRBV21-1	2.219379	1.666983837	0.3401	4.901447	9.51E-07	2.12E-05
PPP2R2C	661.1444	-1.2112676	0.247528	-4.89345	9.91E-07	2.20E-05
ATCAY	48.25763	1.191159602	0.243503	4.891773	9.99E-07	2.22E-05
SLC8A2	170.4713	1.291379465	0.264165	4.888532	1.02E-06	2.25E-05
SCGB1D2	6.05894	2.08818019	0.427392	4.88587	1.03E-06	2.28E-05
UGT1A1	52.91623	-1.69431944	0.346813	-4.88539	1.03E-06	2.28E-05
SLC12A3	13.98533	1.037544561	0.212641	4.879328	1.06E-06	2.34E-05
AMY1B	5.925021	3.110187985	0.637575	4.878152	1.07E-06	2.35E-05
KCNA3	49.98521	1.092487166	0.224313	4.870366	1.11E-06	2.43E-05
ABCD2	43.8512	1.08292617	0.222408	4.869096	1.12E-06	2.45E-05
ZDHHC22	10.70645	1.351686044	0.27774	4.866729	1.13E-06	2.47E-05
RAB3C	325.2875	1.127362134	0.231774	4.864063	1.15E-06	2.49E-05
KRT73	2.558732	2.119051233	0.435952	4.860746	1.17E-06	2.52E-05
TRBV15	4.90584	1.465700886	0.301759	4.857187	1.19E-06	2.56E-05
GPR87	492.223	-1.37077856	0.282412	-4.85382	1.21E-06	2.59E-05
MZB1	684.2078	1.101519018	0.227064	4.851142	1.23E-06	2.62E-05
POU2AF1	725.935	1.234771709	0.254529	4.851211	1.23E-06	2.62E-05
SPINK2	10.86262	1.141144402	0.235621	4.843127	1.28E-06	2.70E-05

EPO	11.00277	1.539349071	0.317906	4.842146	1.28E-06	2.71E-05
DMRT3	4.330019	1.432117452	0.29577	4.841999	1.29E-06	2.71E-05
PTGS2	2073.41	-1.17194045	0.242049	-4.84174	1.29E-06	2.71E-05
PCDH8	12.47744	1.334783179	0.275727	4.840965	1.29E-06	2.72E-05
PWRN1	5.203302	1.357410592	0.28073	4.835283	1.33E-06	2.78E-05
CBLN4	85.24674	1.22098034	0.252894	4.828035	1.38E-06	2.86E-05
POU3F2	3.914481	1.345447998	0.279066	4.821261	1.43E-06	2.94E-05
LINC00565	1.482791	1.716660146	0.356114	4.820532	1.43E-06	2.94E-05
RNA5SP18	5.765417	-1.17268868	0.24349	-4.81617	1.46E-06	3.00E-05
BFSP2	8.206288	1.232106019	0.255965	4.813568	1.48E-06	3.03E-05
TMPRSS15	41.79418	2.560603386	0.532388	4.809659	1.51E-06	3.08E-05
ITLN1	408.587	2.14779733	0.446596	4.809267	1.51E-06	3.08E-05
GATM	9965.794	1.152315678	0.239668	4.807975	1.52E-06	3.10E-05
APOA4	72.60614	2.657665913	0.552906	4.806719	1.53E-06	3.11E-05
PVALB	13.05678	1.116125366	0.232312	4.804418	1.55E-06	3.14E-05
PVALB.1	13.05678	1.116125366	0.232312	4.804418	1.55E-06	3.14E-05
LINC00475	28.9883	1.353492334	0.281992	4.799761	1.59E-06	3.19E-05
SMYD1	4.990473	2.399271714	0.500436	4.794359	1.63E-06	3.27E-05
P3H2-AS1	7.414067	-1.45138233	0.302977	-4.7904	1.66E-06	3.32E-05
FDCSP	821.7859	1.747592144	0.364885	4.789439	1.67E-06	3.33E-05
PNOC	78.99304	1.090747712	0.22777	4.788814	1.68E-06	3.34E-05
MAPK4	103.1837	1.135766134	0.237245	4.787307	1.69E-06	3.36E-05
MAPK4.1	103.1837	1.135766134	0.237245	4.787307	1.69E-06	3.36E-05
TRAT1	64.11864	1.137291739	0.237715	4.784269	1.72E-06	3.39E-05
DEFB124	3.843974	1.067698165	0.223178	4.78406	1.72E-06	3.39E-05
MAL	87.25977	1.16673263	0.243966	4.782348	1.73E-06	3.42E-05
CACNA1B	54.83295	1.246880597	0.260803	4.780923	1.74E-06	3.44E-05
SCRG1	166.1994	1.086470657	0.227371	4.778396	1.77E-06	3.47E-05
MIR126	4.156843	1.110837523	0.232487	4.778064	1.77E-06	3.47E-05
DPYS	16.66354	1.113445574	0.233464	4.769238	1.85E-06	3.60E-05
NKX2-2	312.517	1.515333597	0.317719	4.76942	1.85E-06	3.60E-05
CNTNAP4	5.024487	1.533154362	0.321692	4.765912	1.88E-06	3.65E-05
GPR171	120.8049	1.027320842	0.215847	4.759491	1.94E-06	3.75E-05
TRBV5-6	8.981058	1.319470382	0.277676	4.751826	2.02E-06	3.87E-05
REG3G	6450.739	2.615094881	0.550529	4.750146	2.03E-06	3.90E-05
DSCR8	1.312458	2.355909565	0.496097	4.748886	2.05E-06	3.92E-05
HEMGN	3.019441	1.540639646	0.324718	4.744543	2.09E-06	3.99E-05
TTC24	12.69438	1.348501141	0.284338	4.742604	2.11E-06	4.03E-05
LINC00316	2.856912	1.473213561	0.310647	4.742397	2.11E-06	4.03E-05
KCTD4	4.207163	1.517585596	0.320105	4.740893	2.13E-06	4.05E-05
DSCAM	32.12562	1.207570005	0.254732	4.740546	2.13E-06	4.06E-05
IL13	2.711337	1.449025789	0.305742	4.73937	2.14E-06	4.07E-05
LTB	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
LTB.1	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
LTB.2	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
LTB.3	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
LTB.4	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
LTB.5	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
LTB.6	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
LTB.7	1128.315	1.056009638	0.223109	4.733164	2.21E-06	4.18E-05
UNC79	138.3294	1.060737662	0.224367	4.727697	2.27E-06	4.28E-05
UNC79.1	138.3294	1.060737662	0.224367	4.727697	2.27E-06	4.28E-05
INHA	131.1333	1.188584098	0.25145	4.726922	2.28E-06	4.29E-05
PTENP1-AS	2.171543	1.413712154	0.29912	4.726244	2.29E-06	4.30E-05

DNAH11	87.49409	-1.19055572	0.252382	-4.71727	2.39E-06	4.47E-05
KCNB1	101.2008	1.142438779	0.242462	4.711817	2.46E-06	4.57E-05
LINC01146	42.98798	1.110255287	0.235737	4.709713	2.48E-06	4.60E-05
HMGA2	729.6798	-1.31340736	0.279018	-4.70725	2.51E-06	4.65E-05
KHDRBS2	9.70135	1.214254295	0.258372	4.699636	2.61E-06	4.80E-05
SERTM1	32.96889	1.31255509	0.279835	4.690455	2.73E-06	4.99E-05
TRBV5-5	3.086359	1.405716154	0.299907	4.687174	2.77E-06	5.04E-05
ARL14EPL	4.189629	-1.86660768	0.398249	-4.68704	2.77E-06	5.04E-05
TRBV2	11.68092	1.250052502	0.267229	4.677835	2.90E-06	5.24E-05
SBK2	7.104347	1.363213674	0.291606	4.674841	2.94E-06	5.31E-05
TRBV6-1	10.38808	1.293378496	0.276776	4.673022	2.97E-06	5.34E-05
CDK5R2	120.5369	1.050003306	0.224719	4.672512	2.98E-06	5.35E-05
TRBV9	12.21376	1.157441325	0.247837	4.670173	3.01E-06	5.40E-05
MIR5195	6.550166	1.624850981	0.348363	4.664242	3.10E-06	5.53E-05
LINGO4	21.82599	1.023966919	0.219576	4.663385	3.11E-06	5.55E-05
IGLV3-21	1808.039	1.359680642	0.291755	4.660354	3.16E-06	5.61E-05
STAB2	52.20966	1.13326102	0.243283	4.65821	3.19E-06	5.66E-05
CA10	12.93829	1.426563405	0.306367	4.656384	3.22E-06	5.69E-05
LINC00671	89.40439	1.601693167	0.344058	4.655302	3.24E-06	5.72E-05
NAT16	33.73109	1.311305548	0.281865	4.652252	3.28E-06	5.79E-05
ACTL6B	38.66557	1.305205197	0.280751	4.648985	3.34E-06	5.87E-05
SHD	12.99873	1.43972548	0.309688	4.648958	3.34E-06	5.87E-05
MIR7152	0.995585	1.652278235	0.355713	4.644975	3.40E-06	5.97E-05
RIMS4	13.33677	1.063671421	0.229109	4.642649	3.44E-06	6.02E-05
BHMT	9.329409	1.094964678	0.236208	4.635591	3.56E-06	6.19E-05
AOX3P	1.09081	1.670192202	0.360323	4.635264	3.56E-06	6.20E-05
ANKRD18B	19.74983	-1.23561584	0.266784	-4.63152	3.63E-06	6.29E-05
TNR	66.01053	1.170853013	0.252799	4.631549	3.63E-06	6.29E-05
ADAMTS16	235.0861	1.027037461	0.221859	4.629236	3.67E-06	6.35E-05
IGLV5-37	32.0406	2.023474327	0.437228	4.627962	3.69E-06	6.38E-05
DDX25	35.90634	1.128379908	0.244004	4.624437	3.76E-06	6.46E-05
ELAVL3	12.23214	1.110783843	0.240256	4.623331	3.78E-06	6.48E-05
ALB	1345.962	1.765824745	0.382242	4.619648	3.84E-06	6.57E-05
MIR4420	1.628842	1.403919377	0.304239	4.614527	3.94E-06	6.71E-05
BEX1	562.093	1.229887529	0.266863	4.60868	4.05E-06	6.87E-05
SELE	287.8578	1.259492313	0.273462	4.605725	4.11E-06	6.95E-05
IGLV3-16	14.49893	1.484383894	0.322437	4.603635	4.15E-06	7.01E-05
IGLV4-3	6.543656	1.755749514	0.381482	4.602445	4.18E-06	7.04E-05
NPY	70.44247	1.41822197	0.308369	4.599109	4.24E-06	7.14E-05
LEP	118.5974	2.004581198	0.43646	4.592822	4.37E-06	7.30E-05
GALNTL6	24.11641	1.057947074	0.230412	4.591536	4.40E-06	7.34E-05
EEF1DP5	2.141565	-2.87605314	0.626655	-4.58954	4.44E-06	7.40E-05
VSTM2L	3090.131	-1.14385069	0.249426	-4.58594	4.52E-06	7.51E-05
IGHV3-73	203.484	1.350297451	0.294462	4.585642	4.53E-06	7.52E-05
EOMES	83.8753	1.00822581	0.219946	4.583969	4.56E-06	7.57E-05
FABP7	5.51757	1.607492192	0.350877	4.58136	4.62E-06	7.64E-05
TRAV41	4.832565	1.241544227	0.271668	4.570076	4.88E-06	8.01E-05
PENK	92.54739	1.344141769	0.294143	4.569687	4.88E-06	8.02E-05
LINC01281	9.524373	1.314210929	0.287861	4.565443	4.98E-06	8.15E-05
MYH7	51.49793	1.802866977	0.395177	4.562175	5.06E-06	8.26E-05
TMEM213	30.68109	-1.4329383	0.314491	-4.55638	5.20E-06	8.44E-05
IGKV2-18	2.082297	1.803907509	0.39612	4.553944	5.26E-06	8.52E-05
IGHA1	52310.25	1.092561171	0.239995	4.552428	5.30E-06	8.57E-05
NPY2R	1.767624	1.973742097	0.433897	4.548874	5.39E-06	8.70E-05

NPY5R	9. 447666	1. 321015911	0. 290458	4. 548047	5. 41E-06	8. 72E-05
HNRNPA1P7	2. 876502	1. 731618616	0. 380779	4. 547574	5. 43E-06	8. 73E-05
KRT72	4. 686811	1. 73696138	0. 382573	4. 540206	5. 62E-06	8. 99E-05
MIR8071-1	7. 634058	2. 220215349	0. 489028	4. 540057	5. 62E-06	8. 99E-05
CD40LG	64. 63633	1. 046469285	0. 230605	4. 537938	5. 68E-06	9. 06E-05
LINC01198	3. 052303	1. 307333706	0. 288162	4. 536804	5. 71E-06	9. 11E-05
AMER3	72. 32788	1. 272906419	0. 280654	4. 5355	5. 75E-06	9. 16E-05
VAV3-AS1	1. 817081	2. 077025302	0. 457981	4. 535174	5. 76E-06	9. 16E-05
VAV3-AS1	1. 817081	2. 077025302	0. 457981	4. 535174	5. 76E-06	9. 16E-05
SLC18A1	5. 765407	1. 174609543	0. 259091	4. 533571	5. 80E-06	9. 21E-05
FGF19	806. 6864	-1. 50947395	0. 333376	-4. 52785	5. 96E-06	9. 45E-05
AICDA	14. 45722	1. 400123764	0. 309348	4. 526055	6. 01E-06	9. 52E-05
IGLV7-46	311. 6777	1. 322289064	0. 29238	4. 522502	6. 11E-06	9. 65E-05
PRPH	111. 1314	1. 133248742	0. 250647	4. 521287	6. 15E-06	9. 71E-05
TRBV10-3	7. 912297	1. 330763441	0. 294533	4. 518218	6. 24E-06	9. 82E-05
TRAV26-2	3. 12222	1. 351551119	0. 299199	4. 517239	6. 27E-06	9. 85E-05
DMBX1	100. 1809	-1. 20169007	0. 266075	-4. 51637	6. 29E-06	9. 87E-05
TENM1	54. 78813	1. 141673329	0. 252837	4. 515458	6. 32E-06	9. 90E-05
PRSS3P4	3. 689882	2. 540215464	0. 562745	4. 513974	6. 36E-06	9. 96E-05
MGAT4C	27. 92627	1. 119839211	0. 248359	4. 508958	6. 51E-06	0. 000101536
MGAT4C.1	27. 92627	1. 119839211	0. 248359	4. 508958	6. 51E-06	0. 000101536
MGAT4C.2	27. 92627	1. 119839211	0. 248359	4. 508958	6. 51E-06	0. 000101536
TGFB2-AS1	47. 44196	-1. 06692689	0. 236625	-4. 50893	6. 52E-06	0. 000101536
TCL1B	1. 012985	2. 649064515	0. 587575	4. 50847	6. 53E-06	0. 000101715
TRBV7-9	23. 62785	1. 015181157	0. 225316	4. 505587	6. 62E-06	0. 000102844
SNCB	32. 9756	1. 171418602	0. 260155	4. 502779	6. 71E-06	0. 000103949
CCL23	52. 20098	1. 118174494	0. 248366	4. 50212	6. 73E-06	0. 000104185
CCL23.1	52. 20098	1. 118174494	0. 248366	4. 50212	6. 73E-06	0. 000104185
TPO	44. 01503	1. 16369321	0. 258628	4. 499479	6. 81E-06	0. 000105222
TPO.1	44. 01503	1. 16369321	0. 258628	4. 499479	6. 81E-06	0. 000105222
CNTFR	80. 20958	1. 401554378	0. 311569	4. 498381	6. 85E-06	0. 0001055
SLIT1	127. 8293	1. 057654327	0. 235536	4. 490417	7. 11E-06	0. 000108659
TRBV14	6. 283684	1. 272334816	0. 283902	4. 481597	7. 41E-06	0. 000112407
GPC5-AS1	10. 75755	1. 514947571	0. 338131	4. 480354	7. 45E-06	0. 000112831
TF	144. 4504	1. 107060558	0. 247163	4. 479077	7. 50E-06	0. 000113415
IGHJ3P	11. 92593	1. 430542291	0. 319584	4. 476269	7. 60E-06	0. 00011468
RNU6-776F	10. 0342	2. 644532608	0. 5909	4. 475429	7. 63E-06	0. 000115037
BNIP3P30	2. 331044	1. 208025161	0. 270261	4. 469839	7. 83E-06	0. 000117268
TRAV12-1	8. 679233	1. 146524224	0. 256507	4. 469752	7. 83E-06	0. 000117268
FMN2	129. 8924	1. 091291853	0. 244222	4. 468444	7. 88E-06	0. 000117843
NR4A3	854. 9159	1. 08543454	0. 243085	4. 465241	8. 00E-06	0. 000119377
FCRL5	243. 0893	1. 227092948	0. 275176	4. 459305	8. 22E-06	0. 000122137
IGKV1D-42	9. 195993	1. 46393445	0. 328284	4. 459353	8. 22E-06	0. 000122137
TKTL1	6. 344499	1. 005704672	0. 22559	4. 458106	8. 27E-06	0. 000122772
NKX6-3	41. 91605	1. 473494889	0. 330887	4. 453163	8. 46E-06	0. 000125028
INSM1	230. 6987	1. 30248177	0. 292599	4. 451425	8. 53E-06	0. 000125944
HS6ST3	74. 17871	1. 143385913	0. 256872	4. 451185	8. 54E-06	0. 000126034
PADI4	12. 43534	1. 082835045	0. 243394	4. 44889	8. 63E-06	0. 000127133
PADI4.1	12. 43534	1. 082835045	0. 243394	4. 44889	8. 63E-06	0. 000127133
NRXN1	207. 4202	1. 098145118	0. 247976	4. 428436	9. 49E-06	0. 000137175
HP	208. 4675	1. 286562072	0. 290758	4. 424849	9. 65E-06	0. 000138704
PKHD1L1	22. 87315	1. 225395997	0. 277156	4. 421317	9. 81E-06	0. 000140716
TRBV18	12. 73024	1. 171945546	0. 2652	4. 419104	9. 91E-06	0. 000141833
IGKV1-27	386. 7375	1. 293792219	0. 292818	4. 418423	9. 94E-06	0. 000142225

LHX1	38.6983	-1.87335393	0.424047	-4.4178	9.97E-06	0.000142578
LHX1.1	38.6983	-1.87335393	0.424047	-4.4178	9.97E-06	0.000142578
POU6F2-AS1	1.860308	1.627225553	0.368447	4.416442	1.00E-05	0.000143311
MT1H	157.5173	1.24898394	0.283197	4.410296	1.03E-05	0.000146642
GLYAT	4.184268	2.224180761	0.504341	4.410076	1.03E-05	0.000146735
SPDYE4	0.874386	1.392453516	0.315843	4.408682	1.04E-05	0.000147511
MIR202HG	2.299417	1.316970802	0.298806	4.407447	1.05E-05	0.000148241
LIX1	8.129689	1.125122184	0.255725	4.399741	1.08E-05	0.000152254
IGLV3-25	1048.929	1.279252829	0.290959	4.396674	1.10E-05	0.000154184
SLC16A12	263.9392	1.257689763	0.286462	4.390424	1.13E-05	0.000158021
ANKRD62	3.725282	1.477191174	0.337099	4.382064	1.18E-05	0.000163033
CELF3	309.1219	1.252322558	0.285886	4.380496	1.18E-05	0.000164025
IGLC2	5388.399	1.071194947	0.244677	4.377992	1.20E-05	0.000165422
IL21-AS1	3.952841	1.702889052	0.389137	4.376062	1.21E-05	0.000166558
SCRT1	20.86163	1.225016925	0.280242	4.371276	1.24E-05	0.000169701
SCRT1.1	20.86163	1.225016925	0.280242	4.371276	1.24E-05	0.000169701
FLT3	156.136	1.035060591	0.237278	4.362234	1.29E-05	0.000175886
TRAV21	9.075405	1.103830548	0.25314	4.360546	1.30E-05	0.00017705
UPK3B	558.2589	-1.40551381	0.322414	-4.35934	1.30E-05	0.000177567
UPK3B.1	558.2589	-1.40551381	0.322414	-4.35934	1.30E-05	0.000177567
PRIMA1	131.4102	1.057374993	0.242964	4.351985	1.35E-05	0.000182619
PRIMA1.1	131.4102	1.057374993	0.242964	4.351985	1.35E-05	0.000182619
CLCA2	51.36972	1.637676969	0.376988	4.34411	1.40E-05	0.000187978
OLIG1	8.1209	1.128888411	0.260265	4.337451	1.44E-05	0.000192846
IGLV9-49	72.97633	1.418654416	0.327193	4.335829	1.45E-05	0.000193957
C22orf42	27.45881	1.389649335	0.320519	4.335624	1.45E-05	0.000194032
TRBV12-3	4.452034	1.283485991	0.296305	4.331635	1.48E-05	0.000196867
NRSN1	22.96443	1.175117229	0.271325	4.331027	1.48E-05	0.00019734
FRRS1L	111.2831	1.150033398	0.265856	4.325771	1.52E-05	0.000200871
ABCC12	1.477665	2.215512233	0.512435	4.323496	1.54E-05	0.000202445
SVOP	155.2937	1.287709859	0.298036	4.320655	1.56E-05	0.000204483
IGLV3-32	1.725725	1.819263637	0.421099	4.320278	1.56E-05	0.000204613
HPSE2	13.03631	1.019045127	0.236193	4.314466	1.60E-05	0.000209249
WDR38	12.46349	-1.28775501	0.298509	-4.31395	1.60E-05	0.000209588
UGT2B11	8.477397	1.519284337	0.352261	4.312955	1.61E-05	0.000210385
PIK3CD-AS1	3.449385	1.006174234	0.233344	4.31198	1.62E-05	0.00021105
CRYGD	4.01614	1.462291475	0.339138	4.311791	1.62E-05	0.000211122
CRYGD.1	4.01614	1.462291475	0.339138	4.311791	1.62E-05	0.000211122
TEX26-AS1	11.18229	1.0118414	0.234925	4.307088	1.65E-05	0.000215125
DGKB	49.94933	1.053623984	0.245074	4.299206	1.71E-05	0.000221896
ANKRD1	259.3768	-1.18020789	0.274522	-4.29913	1.71E-05	0.000221896
PGA5	4.138454	2.007100315	0.467896	4.289633	1.79E-05	0.000229823
IGF2BP1	91.0035	-1.37292503	0.320063	-4.28955	1.79E-05	0.000229833
IGLC5	2.230916	1.996718868	0.465624	4.288264	1.80E-05	0.000231001
EREG	669.3734	-1.25902065	0.293684	-4.287	1.81E-05	0.000231998
CXCL11	253.2254	-1.04958827	0.245046	-4.28323	1.84E-05	0.000235139
INA	180.8809	1.090172403	0.254588	4.282108	1.85E-05	0.000236251
LINC01163	1.82783	1.310262954	0.306006	4.281826	1.85E-05	0.000236281
IGLV1-51	1184.063	1.155601348	0.269918	4.281299	1.86E-05	0.000236537
ANGPTL5	5.750574	1.055957194	0.246671	4.280837	1.86E-05	0.000236783
IGLC3	3536.49	1.079410965	0.252711	4.271318	1.94E-05	0.000245424
JSRP1	183.1616	1.030178315	0.241198	4.271098	1.95E-05	0.000245582
GHRL	190.172	1.087010922	0.254533	4.270611	1.95E-05	0.000245714
HBA2	292.583	1.257302558	0.295037	4.261511	2.03E-05	0.000254438

COX6B2	492.6266	-1.07793769	0.25313	-4.25843	2.06E-05	0.000257262
FOXN4	1.331331	1.404126418	0.329924	4.255903	2.08E-05	0.000259662
OGN	997.7151	1.097491318	0.258219	4.25024	2.14E-05	0.000265236
TNFRSF17	59.02326	1.139673831	0.268215	4.249106	2.15E-05	0.000266401
RPL17P22	3.490949	1.011400554	0.238163	4.246677	2.17E-05	0.000269214
MTTP	20.66106	1.409313873	0.33232	4.240839	2.23E-05	0.000274554
F11	216.1723	1.245501801	0.293829	4.238865	2.25E-05	0.000276014
ACER1	3.13455	1.216043784	0.287021	4.236775	2.27E-05	0.000278169
TRAV2	7.183841	1.096208816	0.258782	4.236033	2.28E-05	0.000278997
CALCB	11.75622	1.035890863	0.244604	4.234972	2.29E-05	0.000279944
ARNTL2-AS1	2.977156	-1.11008443	0.262548	-4.22811	2.36E-05	0.000287596
HSPB3	2.389533	1.53359592	0.362828	4.226787	2.37E-05	0.000288877
CHRN2	76.27919	1.081360446	0.256098	4.222442	2.42E-05	0.000293047
LINC01559	1113.835	-1.09537912	0.259625	-4.21909	2.45E-05	0.00029695
BRINP3	11.5097	1.106542022	0.262816	4.210333	2.55E-05	0.000306076
LINC00668	32.27689	2.179741356	0.517928	4.20858	2.57E-05	0.000307857
TRBV24-1	6.389445	1.386055655	0.329653	4.204585	2.62E-05	0.000312126
CABP7	257.586	1.141042419	0.271439	4.203685	2.63E-05	0.000313022
LIPK	5.407507	-1.70973468	0.407242	-4.19832	2.69E-05	0.000319121
IGLV3-10	374.9745	1.302095119	0.31041	4.194755	2.73E-05	0.000322936
GP1BA	81.54964	1.027107373	0.245042	4.191558	2.77E-05	0.00032689
DPP6	280.3988	1.075404773	0.256707	4.189237	2.80E-05	0.000329511
ZSCAN4	22.08608	-1.1399378	0.272108	-4.18928	2.80E-05	0.000329511
GIMAP3P	1.380557	1.643678124	0.392413	4.188644	2.81E-05	0.000330132
Clorf127	279.1103	1.184419179	0.282879	4.187022	2.83E-05	0.000331681
TRAV12-3	9.428812	1.040309035	0.248939	4.178968	2.93E-05	0.000341251
IGHV7-56	6.705123	1.546033806	0.370603	4.171669	3.02E-05	0.000349162
TRIM72	14.36557	1.086883053	0.260595	4.170768	3.04E-05	0.000350216
DCAF12L2	3.357952	1.02830685	0.246659	4.168938	3.06E-05	0.000352376
GH1	1.30669	1.45470073	0.349027	4.167877	3.07E-05	0.000353675
SSTR3	181.6041	1.215734031	0.291951	4.164169	3.12E-05	0.000358699
HOGA1	198.9195	1.062563113	0.255188	4.163842	3.13E-05	0.000358954
CHRN3	8.437548	1.54819147	0.37193	4.162591	3.15E-05	0.000360512
EGF	190.2731	1.313872419	0.316349	4.153236	3.28E-05	0.000372791
LINC01485	6.003219	1.184029166	0.285501	4.147202	3.37E-05	0.000381687
OTOGL	56.3534	1.072342641	0.258695	4.145203	3.40E-05	0.000384216
CLPSL2	4.412455	1.582313831	0.382191	4.140118	3.47E-05	0.000391616
ST18	160.4577	1.046764834	0.252863	4.139653	3.48E-05	0.00039229
CP	3728.484	-1.05375168	0.254936	-4.1334	3.57E-05	0.000400913
MYT1L	41.3581	1.164483989	0.281736	4.13324	3.58E-05	0.000401066
DAW1	19.63611	-1.30768822	0.316572	-4.13078	3.62E-05	0.000404889
ELAVL4	124.9458	1.044080882	0.253453	4.119425	3.80E-05	0.00042228
MIR4269	0.975183	1.518106585	0.368715	4.117296	3.83E-05	0.00042517
CYP4F22	20.81975	-1.18854717	0.288701	-4.11688	3.84E-05	0.000425784
TMEM132D	91.76372	1.25858824	0.305972	4.113408	3.90E-05	0.000430191
HCN1	17.46181	1.152429406	0.280497	4.108522	3.98E-05	0.000438079
GAL3ST3	3.239265	1.256892206	0.305936	4.108353	3.98E-05	0.000438241
GLB1L3	16.79657	1.07161436	0.260953	4.106547	4.02E-05	0.000440785
CLPSL1	92.23233	2.184291278	0.532742	4.100095	4.13E-05	0.000451638
TRAV20	5.419483	1.098597678	0.268269	4.095132	4.22E-05	0.000459991
PATE2	0.793598	-1.58765791	0.387834	-4.09365	4.25E-05	0.000462187
SLC7A14	114.8917	1.22536489	0.299454	4.092	4.28E-05	0.000465349
IGLV4-69	461.0877	1.181811967	0.288824	4.091802	4.28E-05	0.000465608
SNCG	1213.229	-1.02893721	0.251484	-4.09146	4.29E-05	0.00046603

GPS2P2	4.815176	-1.18954161	0.290787	-4.09077	4.30E-05	0.000467138
IGHV4-55	61.13734	1.098083222	0.268713	4.086458	4.38E-05	0.000474076
CYP24A1	244.9902	-1.52284802	0.372811	-4.08477	4.41E-05	0.000476139
SLFN14	4.672896	1.139582759	0.279376	4.079035	4.52E-05	0.00048595
CNTN2	38.12988	1.066047064	0.262341	4.063596	4.83E-05	0.000515131
GSTA2	244.4426	1.489742801	0.366866	4.060722	4.89E-05	0.000520007
REG3A	61484.39	2.273513886	0.560421	4.056794	4.98E-05	0.000527911
CRB2	14.70853	1.006380227	0.248104	4.056286	4.99E-05	0.000528768
TRBV3-1	11.95915	1.150618114	0.284189	4.048782	5.15E-05	0.000543177
SLC39A5	991.7624	1.235628022	0.305258	4.047819	5.17E-05	0.000544633
LINC00648	2.343173	1.449844811	0.358344	4.045956	5.21E-05	0.000548042
GUCA1C	36.3499	2.590929314	0.640508	4.045116	5.23E-05	0.000549697
KRT27	3.981913	1.073377634	0.265771	4.038733	5.37E-05	0.000562057
SI	126.659	2.262100437	0.560492	4.03592	5.44E-05	0.000566498
LINC00545	2.130243	1.202940615	0.298225	4.033667	5.49E-05	0.000570024
CHRM3-AS2	25.00636	1.000196305	0.248097	4.031474	5.54E-05	0.00057456
IGLC6	16.41077	1.077814885	0.267478	4.029545	5.59E-05	0.000577829
UNC80	198.8186	1.173055521	0.29114	4.029174	5.60E-05	0.000578253
TCEAL6	13.14245	1.024453342	0.254481	4.025657	5.68E-05	0.00058532
ANXA8L1	354.6055	-1.00614457	0.249938	-4.02558	5.68E-05	0.000585352
MAP3K15	47.86845	1.076214086	0.267552	4.022454	5.76E-05	0.000592179
BTNL2	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
BTNL2.1	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
BTNL2.2	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
BTNL2.3	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
BTNL2.4	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
BTNL2.5	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
BTNL2.6	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
BTNL2.7	1.473193	1.556208068	0.387157	4.019583	5.83E-05	0.00059777
RIMBP2	213.2721	1.031919796	0.256803	4.018329	5.86E-05	0.000600486
HHATL	23.41399	1.334865678	0.332296	4.017104	5.89E-05	0.0006031
PPP1R1A	441.9535	1.14054665	0.285601	3.993495	6.51E-05	0.000655664
RNU6-5P	1.381081	1.241913568	0.311263	3.989916	6.61E-05	0.000663277
ADCYAP1	463.1617	1.064663417	0.266856	3.989652	6.62E-05	0.000663651
RPL31P12	1.14022	1.680473568	0.421317	3.988616	6.65E-05	0.000665467
ZNF750	30.49089	-1.04512441	0.26243	-3.98249	6.82E-05	0.000680443
FAR2P1	19.37295	1.668395471	0.419874	3.973559	7.08E-05	0.000700628
CLEC4C	4.22858	1.38114175	0.348252	3.96593	7.31E-05	0.000719714
FBXO40	1.133726	1.2076297	0.304637	3.964154	7.37E-05	0.000724317
DPP10-AS1	25.9119	1.79317195	0.452354	3.964087	7.37E-05	0.000724326
TRBV23-1	3.709445	1.182543946	0.298396	3.962999	7.40E-05	0.000727248
RXRG	89.41998	1.151313063	0.290845	3.958506	7.54E-05	0.000738104
IGLV2-28	7.185862	1.246112876	0.314944	3.95662	7.60E-05	0.000742221
IGKV1D-39	19.2422	1.635665212	0.413467	3.955977	7.62E-05	0.000743387
CALY	183.9631	1.099030277	0.277825	3.955836	7.63E-05	0.000743627
EPHA5-AS1	1.764336	1.41265461	0.35712	3.955684	7.63E-05	0.000743706
NPBWR1	27.09756	-1.52620133	0.386522	-3.94855	7.86E-05	0.000759974
KLHL1	8.046565	1.503637073	0.380902	3.947568	7.89E-05	0.000762298
CRABP1	37.91816	1.164213328	0.294942	3.947267	7.90E-05	0.000762738
IGHV3-7	63.6572	1.237234933	0.313616	3.945066	7.98E-05	0.00076748
CPNE6	9.303945	1.115312278	0.283129	3.939231	8.17E-05	0.000781887
CPNE6.1	9.303945	1.115312278	0.283129	3.939231	8.17E-05	0.000781887
ARMC3	58.15283	-1.02684767	0.261065	-3.9333	8.38E-05	0.000798133
SH3GL2	135.5565	1.207169224	0.30712	3.930616	8.47E-05	0.000805621

PHEX-AS1	0.576117	1.814174546	0.461752	3.928894	8.53E-05	0.000809636
TRAV1-2	5.794532	1.004374607	0.255757	3.927064	8.60E-05	0.00081529
KISS1	61.06541	-1.10169419	0.280644	-3.92559	8.65E-05	0.000819884
CXCL13	826.2088	1.473263874	0.375595	3.922482	8.76E-05	0.000829033
NEURL1-AS1	2.183173	1.710796079	0.436372	3.920504	8.84E-05	0.000833937
VIT	56.36926	1.042607294	0.267024	3.904539	9.44E-05	0.000881035
CARTPT	59.52706	1.490941825	0.382833	3.894497	9.84E-05	0.00091183
GALR1	10.56007	1.07269386	0.275691	3.890925	9.99E-05	0.000923267
TRAV1-1	2.374447	1.143656566	0.294703	3.880707	0.000104	0.000955248
SCGN	1419.733	1.217274782	0.313717	3.880167	0.000104	0.000957014
IGKV3D-2C	153.0053	1.111756055	0.286605	3.879057	0.000105	0.000960075
IGKV1D-4C	15.31228	1.338614025	0.345504	3.874376	0.000107	0.000975801
GTSF1L	2.138063	1.225954522	0.317487	3.861431	0.000113	0.001020129
OR2T10	0.638855	1.774341045	0.459649	3.860207	0.000113	0.001024242
DAZL	7.029589	1.249161097	0.323819	3.857593	0.000115	0.001032717
SPINK7	5.713736	-1.19513694	0.309985	-3.85547	0.000116	0.001040442
KCNQ2	80.92877	1.078045474	0.279732	3.853852	0.000116	0.001044789
KCNQ2.1	80.92877	1.078045474	0.279732	3.853852	0.000116	0.001044789
HMGCLL1	87.48016	1.008631887	0.262131	3.847814	0.000119	0.001065132
CCL19	1713.334	1.157103474	0.301365	3.839547	0.000123	0.001094738
CA4	178.0157	1.260501292	0.328344	3.838961	0.000124	0.001096827
C10orf71	3.127285	2.151858186	0.56068	3.837944	0.000124	0.001100315
UGT1A13P	1.161432	-1.25849008	0.328019	-3.83664	0.000125	0.001104326
LDLRAD4-1	2.161075	1.025527726	0.267314	3.836417	0.000125	0.001105043
RNU6-26P	4.783056	-1.00991985	0.263418	-3.83391	0.000126	0.001115568
IGLVI-63	1.088091	1.965802109	0.512937	3.832445	0.000127	0.001120345
S100A2	5154.326	-1.3898653	0.362962	-3.82923	0.000129	0.001132377
ADIPOQ	392.8685	2.297446765	0.600069	3.828641	0.000129	0.001134807
OR7E91P	32.13017	-1.06298282	0.27799	-3.82382	0.000131	0.001152402
RNU4ATAC	2.300383	1.123641399	0.294232	3.818896	0.000134	0.001172716
IGHV1-58	93.91505	1.254282112	0.328809	3.814623	0.000136	0.001190079
GRPR	23.43727	1.08504689	0.284632	3.8121	0.000138	0.001200586
MIR7-3HG	184.1179	1.157296696	0.304091	3.805762	0.000141	0.001225082
MMD2	0.700368	1.602954982	0.42141	3.803786	0.000143	0.001232866
ALPP	173.3239	-1.34070361	0.352935	-3.79873	0.000145	0.001252684
PNLIPRP2	11497.66	2.167399617	0.570701	3.797782	0.000146	0.001255992
PRAMENP	8.273733	1.358440434	0.357861	3.795997	0.000147	0.00126302
CHRNA2	3.471623	1.377586932	0.363125	3.793694	0.000148	0.001271828
SFTPC	2.326309	1.769443483	0.466679	3.791568	0.00015	0.00128068
KCNC2	6.527417	1.06504853	0.280926	3.791207	0.00015	0.001281814
SLC38A3	424.8619	1.200545664	0.316702	3.790769	0.00015	0.001283059
MIR4537	2.564447	1.802451589	0.475689	3.789135	0.000151	0.001289084
IGLV1-50	16.09391	1.19223366	0.314699	3.788491	0.000152	0.001291831
TRAV3	7.992391	1.017913141	0.268927	3.785094	0.000154	0.001305374
RPL37P1	4.811191	-1.03943422	0.274742	-3.78332	0.000155	0.001312313
SLC4A10	113.9843	1.092201956	0.288891	3.780667	0.000156	0.001324524
UCN3	307.045	1.075292886	0.284591	3.778383	0.000158	0.001333659
APOH	254.2325	1.072396016	0.284175	3.773713	0.000161	0.001353599
IGLV1-40	1962.27	1.036404986	0.275371	3.763664	0.000167	0.001399212
RNU4-2	12.02007	1.031930208	0.274954	3.753098	0.000175	0.001445809
LINC01586	5.270001	1.212672461	0.32332	3.750689	0.000176	0.001458462
MIR3131	12.55257	-1.24124072	0.331086	-3.749	0.000178	0.001466029
PRRT4	18.27088	1.00032715	0.266955	3.747181	0.000179	0.001474031
MAPT-IT1	1.620965	1.391890279	0.371496	3.746722	0.000179	0.001476399

MAPT-IT1.	1. 620965	1. 391890279	0. 371496	3. 746722	0. 000179	0. 001476399
MAPT-IT1.	1. 620965	1. 391890279	0. 371496	3. 746722	0. 000179	0. 001476399
KCNMB2	91. 67137	1. 064754991	0. 284354	3. 744471	0. 000181	0. 001488027
IGHV1-45	21. 44492	1. 109873892	0. 296591	3. 742108	0. 000182	0. 001499422
CDH10	42. 58785	1. 106573111	0. 2963	3. 734632	0. 000188	0. 001537447
CTD-3080F	14. 41957	1. 052874239	0. 282122	3. 731982	0. 00019	0. 00155233
PABPN1L	1. 237096	1. 237184431	0. 331591	3. 731051	0. 000191	0. 001557733
SLC30A2	624. 8609	1. 199129588	0. 322323	3. 720269	0. 000199	0. 001617507
GPR142	25. 31914	1. 00596753	0. 270713	3. 715989	0. 000202	0. 001641508
PHOX2A	5. 898708	1. 265203372	0. 34088	3. 711581	0. 000206	0. 001666691
CELA1	1. 917394	1. 251210648	0. 33804	3. 701369	0. 000214	0. 001723106
LCT	13. 97661	1. 481023787	0. 400169	3. 700996	0. 000215	0. 001724533
IGLV2-8	605. 7418	1. 042907663	0. 281813	3. 700708	0. 000215	0. 001725952
IGHV3-22	3. 210055	1. 206197162	0. 326079	3. 699092	0. 000216	0. 001735603
MIR342	0. 690672	1. 666195189	0. 450567	3. 697996	0. 000217	0. 00174235
ITLN2	5. 672262	1. 605685608	0. 43454	3. 695138	0. 00022	0. 001758619
MBD3L1	1. 890834	1. 912421569	0. 518162	3. 690777	0. 000224	0. 001783226
FCAMR	40. 70816	1. 14535651	0. 310586	3. 687733	0. 000226	0. 001798062
TH	34. 4416	-1. 15724036	0. 313899	-3. 68667	0. 000227	0. 001803659
TMEM196	46. 66374	1. 184906554	0. 321547	3. 685013	0. 000229	0. 001812284
STXBP5L	45. 50124	1. 058139535	0. 287253	3. 683649	0. 00023	0. 001820245
TCF23	33. 89913	1. 026081391	0. 278557	3. 683566	0. 00023	0. 001820252
UMODL1-AS	1. 542751	1. 22071826	0. 331803	3. 679049	0. 000234	0. 001850005
IL6	253. 3884	1. 06285641	0. 288947	3. 678378	0. 000235	0. 001852704
NGB	5. 812324	1. 291082199	0. 351158	3. 676641	0. 000236	0. 001861549
ABRA	3. 62337	1. 170361236	0. 318732	3. 671924	0. 000241	0. 001890588
LINC0139E	1. 591077	-1. 39457834	0. 379836	-3. 67153	0. 000241	0. 001893086
GPR42	1. 173304	1. 161135416	0. 316308	3. 670898	0. 000242	0. 001896572
MIR205HG	180. 4569	-1. 80204818	0. 490947	-3. 67056	0. 000242	0. 001897083
MIR7848	1. 718311	1. 004749467	0. 273815	3. 669449	0. 000243	0. 001904513
IGHV1-69	210. 0085	1. 256892878	0. 342964	3. 66479	0. 000248	0. 001934567
VSX2	1. 100992	1. 378605775	0. 376198	3. 664573	0. 000248	0. 001935338
NPAP1	1. 758939	1. 169886912	0. 319949	3. 656479	0. 000256	0. 001985696
TNNI3	56. 87212	-1. 18701191	0. 324746	-3. 65521	0. 000257	0. 001994733
AXDND1	91. 47561	-1. 15701032	0. 316973	-3. 65019	0. 000262	0. 002027649
IGLV3-12	12. 47298	1. 19993416	0. 328735	3. 65016	0. 000262	0. 002027649
SULT1B1	1970. 515	-1. 00905611	0. 276876	-3. 64443	0. 000268	0. 00206797
SPIC	1. 483061	1. 51125498	0. 415197	3. 639849	0. 000273	0. 002100261
GAD2	485. 3732	1. 204976035	0. 331828	3. 631331	0. 000282	0. 002152355
LINC0125E	0. 658133	1. 684632334	0. 464112	3. 629799	0. 000284	0. 002163375
IGHD2-2	0. 727399	1. 620972424	0. 446728	3. 628546	0. 000285	0. 0021721
FXVD2	1507. 41	1. 00799127	0. 278193	3. 623354	0. 000291	0. 002208861
IGLV7-43	197. 3654	1. 067621379	0. 294933	3. 619881	0. 000295	0. 002232731
HTR1E	0. 726147	1. 612904401	0. 446039	3. 616063	0. 000299	0. 002258461
MB	124. 6565	-1. 0062622	0. 278292	-3. 61585	0. 000299	0. 002259794
ABCC8	2293. 022	1. 113763681	0. 308676	3. 6082	0. 000308	0. 0023147
DPYSL5	17. 4655	1. 039964939	0. 288341	3. 606724	0. 00031	0. 002324967
IGLV4-60	128. 6532	1. 326259095	0. 367806	3. 605869	0. 000311	0. 002328927
LRRC26	10. 02062	1. 205945319	0. 335044	3. 599364	0. 000319	0. 002372829
COX6A2	2. 788134	1. 252786135	0. 348201	3. 597885	0. 000321	0. 002382667
CLDN19	1. 76952	1. 202790911	0. 335727	3. 582645	0. 00034	0. 002491912
IGKV1-17	430. 4838	1. 034672211	0. 288956	3. 580721	0. 000343	0. 002507339
SCN10A	1. 378877	1. 262155525	0. 352863	3. 576898	0. 000348	0. 002538721
TRAV35	2. 507326	1. 081381283	0. 30253	3. 574464	0. 000351	0. 002557885

UTF1	1. 320841	1. 20606344	0. 337504	3. 573475	0. 000352	0. 002565034
TMEM95	0. 982228	1. 210035095	0. 338902	3. 570461	0. 000356	0. 002585515
TMEM95.1	0. 982228	1. 210035095	0. 338902	3. 570461	0. 000356	0. 002585515
NLRP4	4. 164134	1. 702298387	0. 477143	3. 567687	0. 00036	0. 002605328
C6orf15	174. 9947	-1. 45504126	0. 408412	-3. 56268	0. 000367	0. 002643577
C6orf15.1	174. 9947	-1. 45504126	0. 408412	-3. 56268	0. 000367	0. 002643577
C6orf15.2	174. 9947	-1. 45504126	0. 408412	-3. 56268	0. 000367	0. 002643577
C6orf15.3	174. 9947	-1. 45504126	0. 408412	-3. 56268	0. 000367	0. 002643577
C6orf15.4	174. 9947	-1. 45504126	0. 408412	-3. 56268	0. 000367	0. 002643577
C6orf15.5	174. 9947	-1. 45504126	0. 408412	-3. 56268	0. 000367	0. 002643577
IGKV2D-24	17. 61174	1. 185519618	0. 332879	3. 56141	0. 000369	0. 002652693
CDH22	239. 7918	1. 012781737	0. 284608	3. 55852	0. 000373	0. 002676369
NAV2-AS2	1. 741029	1. 325775362	0. 372573	3. 558435	0. 000373	0. 00267671
ETV3L	1. 158355	1. 346234228	0. 378828	3. 553682	0. 00038	0. 002717072
ARL5C	1. 005104	1. 302797465	0. 367086	3. 549029	0. 000387	0. 002753218
TRAJ1	0. 720176	1. 53023867	0. 431427	3. 546928	0. 00039	0. 002769686
RPL3L	22. 9481	1. 089467206	0. 30745	3. 543562	0. 000395	0. 002802256
IGKV2-26	3. 986308	1. 374254478	0. 387854	3. 543228	0. 000395	0. 002805266
TRBJ2-4	1. 433209	1. 218342659	0. 343873	3. 543006	0. 000396	0. 002807093
TRBV11-3	1. 653116	1. 331645302	0. 376377	3. 538061	0. 000403	0. 002853038
ASCL4	1. 41616	1. 101598614	0. 311807	3. 532947	0. 000411	0. 002897725
LINC00602	1. 21523	1. 321913155	0. 374441	3. 530362	0. 000415	0. 002916727
ANGPTL7	130. 2785	1. 236916646	0. 35065	3. 527492	0. 00042	0. 002943895
IGHV3-43	112. 4761	1. 090974329	0. 309393	3. 526173	0. 000422	0. 002955776
AQP7P2	1. 611915	1. 14072338	0. 323715	3. 523856	0. 000425	0. 002977774
IGHV3-20	45. 48043	1. 056882833	0. 300001	3. 522936	0. 000427	0. 002986996
UMOD	16. 34546	1. 837721508	0. 523738	3. 508854	0. 00045	0. 003118249
MIR561	0. 91035	-1. 32028986	0. 376319	-3. 50843	0. 000451	0. 00312265
LYPD2	199. 3721	-1. 5002685	0. 428254	-3. 50322	0. 00046	0. 003173006
RAPGEF4-1	1. 33271	1. 219627371	0. 349386	3. 490775	0. 000482	0. 00329579
LINC00616	5. 676307	1. 116446063	0. 320106	3. 487736	0. 000487	0. 003325714
MIR208B	1. 041762	2. 53481771	0. 727626	3. 483682	0. 000495	0. 003370241
LGALS17A	9. 209808	-1. 26141271	0. 36284	-3. 4765	0. 000508	0. 003442695
OR1Q1	0. 892353	-1. 5896781	0. 457312	-3. 47613	0. 000509	0. 003445024
TUNAR	151. 9375	1. 038237555	0. 298856	3. 474043	0. 000513	0. 00346669
LINC01014	7. 570166	1. 06355101	0. 306273	3. 472564	0. 000516	0. 003480727
SIRPG-AS1	4. 178646	1. 05856558	0. 304832	3. 472617	0. 000515	0. 003480727
PLA2G2D	158. 973	1. 070696743	0. 308663	3. 468819	0. 000523	0. 003521847
PRSS41	13. 4615	1. 247916267	0. 359812	3. 468243	0. 000524	0. 00352806
IGKV1D-12	11. 19135	1. 152803636	0. 33293	3. 462599	0. 000535	0. 003587177
HOXA13	339. 2743	-1. 18031339	0. 341011	-3. 46122	0. 000538	0. 00360166
LINC01016	1. 250338	1. 17462538	0. 340214	3. 452611	0. 000555	0. 003693688
SCG3	1027. 414	1. 061424312	0. 307454	3. 4523	0. 000556	0. 003697279
CPN1	2. 770539	1. 224814346	0. 354842	3. 451721	0. 000557	0. 003703225
IGKV6D-41	1. 374532	1. 757718489	0. 509636	3. 448968	0. 000563	0. 00373578
OSTN	2. 961781	1. 300986286	0. 377256	3. 448549	0. 000564	0. 003740229
LBX1	1. 175269	2. 764219733	0. 801967	3. 446801	0. 000567	0. 003756381
AMY1A	1. 097829	3. 11916356	0. 905826	3. 443448	0. 000574	0. 003796432
IGHV1-17	4. 479604	1. 223383947	0. 355306	3. 443187	0. 000575	0. 003798736
CLEC4M	1. 824824	1. 592520155	0. 462873	3. 440511	0. 000581	0. 003822558
LINC00595	1. 939559	1. 118013582	0. 325285	3. 437033	0. 000588	0. 003861821
IGHV2-70	67. 67551	1. 311845236	0. 382701	3. 427862	0. 000608	0. 00396418
PAX9	111. 2474	-1. 03823955	0. 303009	-3. 42643	0. 000612	0. 003978871
NOL4	134. 5551	1. 033589943	0. 301652	3. 426429	0. 000612	0. 003978871

MAS1LP1	1. 424758	1. 356559946	0. 395944	3. 426145	0. 000612	0. 003980904
UTS2R	2. 666634	1. 205582406	0. 352118	3. 423805	0. 000618	0. 004008248
UNC5D	21. 05124	1. 052516311	0. 307551	3. 42225	0. 000621	0. 004028404
LINC00161	0. 769956	1. 353390874	0. 395774	3. 419606	0. 000627	0. 004057026
RNU6-892F	0. 963664	1. 006674764	0. 294551	3. 417661	0. 000632	0. 004075371
IGHD3-3	1. 909218	1. 358369197	0. 399041	3. 404088	0. 000664	0. 004247598
TEX35	5. 135885	-1. 25693132	0. 369404	-3. 4026	0. 000667	0. 004265428
MYL7	3. 493709	1. 083788906	0. 318568	3. 402063	0. 000669	0. 004271024
DPP10	59. 45065	1. 156160179	0. 340237	3. 3981	0. 000679	0. 004317629
FFAR1	170. 1639	1. 114952188	0. 328308	3. 396053	0. 000684	0. 004341049
HS3ST4	3. 069712	1. 075119824	0. 31696	3. 391968	0. 000694	0. 004387339
SYT4	265. 8017	1. 003314215	0. 295783	3. 392065	0. 000694	0. 004387339
LINC01284	0. 862415	1. 368979632	0. 403592	3. 39199	0. 000694	0. 004387339
IGKV2-28	16. 5567	1. 454863663	0. 430044	3. 38306	0. 000717	0. 004501973
RFPL4A	0. 792451	1. 228364554	0. 363298	3. 381144	0. 000722	0. 004526526
ELOVL2-AS1	1. 141428	1. 141110952	0. 337676	3. 379307	0. 000727	0. 004548359
GACAT3	0. 920473	1. 338018867	0. 396222	3. 376942	0. 000733	0. 004576734
TRAV25	3. 673265	1. 018304963	0. 301589	3. 376469	0. 000734	0. 004583061
IGHV3-48	209. 3987	1. 052759043	0. 312213	3. 371928	0. 000746	0. 004646672
RPS17P1	1. 44896	1. 067717754	0. 317033	3. 367848	0. 000758	0. 004703243
XKR3	0. 931382	1. 331661214	0. 395496	3. 36707	0. 00076	0. 004714148
TMPRSS11F	49. 57318	-1. 14015399	0. 339609	-3. 35726	0. 000787	0. 004864181
TMPRSS11F	49. 57318	-1. 14015399	0. 339609	-3. 35726	0. 000787	0. 004864181
PADI1	3542. 805	-1. 02702548	0. 306098	-3. 35522	0. 000793	0. 004894336
PADI1. 1	3542. 805	-1. 02702548	0. 306098	-3. 35522	0. 000793	0. 004894336
OSTN-AS1	2. 864095	1. 091846891	0. 325798	3. 351296	0. 000804	0. 004950989
SSTR4	0. 904339	1. 4633405	0. 436831	3. 3499	0. 000808	0. 004969439
RNA5SP462	1. 320873	-1. 01177346	0. 303179	-3. 33721	0. 000846	0. 005168129
IGHV3-38	11. 31805	1. 066986213	0. 320048	3. 333828	0. 000857	0. 005218557
TRAV36DV7	3. 614006	1. 01361296	0. 304589	3. 327802	0. 000875	0. 005307173
IGHV3-33-	0. 910477	1. 414069204	0. 425335	3. 3246	0. 000885	0. 005349973
KRT13	802. 7057	-1. 23007485	0. 370106	-3. 32357	0. 000889	0. 005366198
RFX6	149. 6563	1. 040834446	0. 313282	3. 32236	0. 000893	0. 005383376
SNORD56	0. 66559	-1. 47412655	0. 443955	-3. 32044	0. 000899	0. 005414301
TRDN	3. 979231	1. 338051106	0. 403341	3. 31742	0. 000909	0. 005461569
KRT9	6. 794122	-1. 00328595	0. 303283	-3. 30809	0. 000939	0. 005610182
AQP10	26. 23024	1. 038305807	0. 31395	3. 307231	0. 000942	0. 005624635
ANKRD44-1	1. 833015	1. 06357852	0. 321676	3. 306368	0. 000945	0. 005638986
SNORD113-	0. 670379	1. 179965914	0. 357458	3. 300992	0. 000963	0. 005723356
RNF225	2. 12679	-1. 24606008	0. 377678	-3. 29927	0. 000969	0. 005746539
MSMB	188. 3727	1. 327167364	0. 402438	3. 297819	0. 000974	0. 005771641
REG1B	19672. 03	1. 732893848	0. 526242	3. 292958	0. 000991	0. 005854445
SLC13A5	888. 8344	-1. 08452348	0. 329669	-3. 28974	0. 001003	0. 00590571
LINC01169	11. 81697	-1. 23733859	0. 37634	-3. 28783	0. 00101	0. 005940285
CTXN2	3. 823756	1. 077578852	0. 327887	3. 286434	0. 001015	0. 005964935
FOXD4L5	2. 04505	-1. 24085854	0. 37761	-3. 28609	0. 001016	0. 005971356
LINC00309	1. 237487	1. 425931532	0. 434654	3. 28061	0. 001036	0. 006060416
CSMD3	5. 68433	1. 052553515	0. 321564	3. 273231	0. 001063	0. 006183224
GJD2	316. 7196	1. 136711488	0. 347336	3. 272661	0. 001065	0. 006190098
NEUROD1	443. 2196	1. 089804949	0. 333234	3. 270389	0. 001074	0. 006231171
CR2	1419. 767	1. 530190477	0. 468171	3. 268441	0. 001081	0. 006262386
MYO16-AS1	12. 73577	-1. 61984151	0. 496218	-3. 26437	0. 001097	0. 006329651
CER1	0. 909633	1. 109004908	0. 340955	3. 252642	0. 001143	0. 006555104
RNU4-53P	0. 808682	-1. 2734034	0. 391639	-3. 25147	0. 001148	0. 006576966

ZBPB2	1. 250337	1. 337887184	0. 411564	3. 250738	0. 001151	0. 006591981
IGKJ5	7. 472969	1. 052785973	0. 324616	3. 24317	0. 001182	0. 006720423
CPA6	125. 5704	-1. 19694484	0. 369144	-3. 24249	0. 001185	0. 006734458
RN7SL44P	0. 60325	-1. 41797129	0. 437664	-3. 23986	0. 001196	0. 006781614
IGHV3-37	2. 850583	1. 24560122	0. 384464	3. 239838	0. 001196	0. 006781614
MYH6	3. 520637	1. 033728002	0. 321453	3. 215795	0. 001301	0. 007289678
GABRA1	3. 159831	1. 268628053	0. 395169	3. 210341	0. 001326	0. 007410244
SCGB2A2	9. 86102	3. 138876872	0. 977938	3. 209688	0. 001329	0. 007423713
G6PC2	1099. 113	1. 268668827	0. 395274	3. 209593	0. 001329	0. 007425044
G6PC2.1	1099. 113	1. 268668827	0. 395274	3. 209593	0. 001329	0. 007425044
DEFA4	1. 074218	1. 167328857	0. 364062	3. 206401	0. 001344	0. 007489711
DEFA4.1	1. 074218	1. 167328857	0. 364062	3. 206401	0. 001344	0. 007489711
C8orf86	0. 678251	1. 268945582	0. 397078	3. 195712	0. 001395	0. 007715472
LINC00330	3. 619367	-1. 25193325	0. 392015	-3. 19358	0. 001405	0. 007766804
GPR119	35. 62601	1. 19100891	0. 374511	3. 180168	0. 001472	0. 008071871
TUSC8	3. 860583	1. 026980241	0. 323106	3. 178461	0. 001481	0. 0081116
KRT24	1. 436352	1. 130096478	0. 355784	3. 176353	0. 001491	0. 008159839
PADI3	126. 7871	-1. 13338252	0. 356845	-3. 17612	0. 001493	0. 008165198
PADI3.1	126. 7871	-1. 13338252	0. 356845	-3. 17612	0. 001493	0. 008165198
EVX1-AS	6. 963215	-1. 47197886	0. 464505	-3. 16892	0. 00153	0. 008333112
SYT10	3. 449864	1. 057859098	0. 334012	3. 167129	0. 00154	0. 008378294
SCRT2	7. 752543	1. 125575066	0. 355989	3. 161827	0. 001568	0. 008502142
MIR670HG	1. 255526	1. 363654662	0. 431377	3. 16117	0. 001571	0. 008517586
CPLX2	846. 9494	1. 016774268	0. 321651	3. 161111	0. 001572	0. 008518056
MYLK1	5. 382318	1. 127388075	0. 356782	3. 159877	0. 001578	0. 008545402
IGHJ2P	0. 78758	1. 567281081	0. 496885	3. 154212	0. 001609	0. 00867091
IGHD3-9	1. 598289	1. 321407536	0. 41909	3. 153041	0. 001616	0. 008693042
MS4A10	3. 885003	1. 610667799	0. 511376	3. 149675	0. 001635	0. 008765593
SOX14	0. 602624	1. 890036364	0. 600917	3. 145251	0. 001659	0. 008870408
ANKRD34C	14. 36332	1. 045835632	0. 332777	3. 142752	0. 001674	0. 008929567
IGKV2D-3C	7. 370388	1. 313000209	0. 418555	3. 136986	0. 001707	0. 009068015
IRX6	10. 59847	1. 00052684	0. 319161	3. 134868	0. 001719	0. 009123202
IGHV4-4	50. 84495	1. 02815703	0. 328166	3. 133041	0. 00173	0. 009173579
TRAV38-1	2. 162885	1. 052915564	0. 337056	3. 123855	0. 001785	0. 009411923
PRSS56	1. 098869	1. 135607551	0. 363847	3. 121114	0. 001802	0. 009483654
IGKV1-39	28. 17621	1. 100325949	0. 35294	3. 117599	0. 001823	0. 009579651
KRT5	4315. 306	-1. 26828181	0. 406897	-3. 11696	0. 001827	0. 009598208
CRYGEP	0. 586697	1. 996615093	0. 640949	3. 11509	0. 001839	0. 009647744
RNA5SP301	1. 036357	1. 137122665	0. 366257	3. 104712	0. 001905	0. 009941654
IGHD3-22	0. 777485	1. 522354245	0. 49103	3. 10033	0. 001933	0. 010058225
KRT73-AS1	0. 948797	1. 670163456	0. 539879	3. 093589	0. 001978	0. 010247843
IGHV1-12	14. 63582	1. 050253327	0. 33974	3. 091345	0. 001993	0. 010311103
TRBV16	0. 626348	1. 529208454	0. 494829	3. 090375	0. 001999	0. 010341904
MAGEA12	1. 109052	1. 128692883	0. 365937	3. 08439	0. 00204	0. 010515302
LINC01524	3. 306818	-1. 02378326	0. 333234	-3. 07227	0. 002124	0. 010877286
GLRA1	10. 28277	1. 069720569	0. 3487	3. 067743	0. 002157	0. 01099577
IGHG4	18028. 03	1. 111222228	0. 363025	3. 061007	0. 002206	0. 011179556
IGKV2D-18	1. 196957	1. 284623981	0. 419827	3. 059891	0. 002214	0. 01121513
IGLV10-54	239. 0658	1. 091846213	0. 357897	3. 050726	0. 002283	0. 011501381
TRBV12-5	1. 632624	1. 275047303	0. 418319	3. 048029	0. 002303	0. 011582888
LINC00456	0. 579118	-1. 30508792	0. 428529	-3. 0455	0. 002323	0. 011659346
PGPEP1L	2. 151067	1. 018368071	0. 334418	3. 045198	0. 002325	0. 011663775
LINC01254	0. 722325	1. 573306796	0. 516712	3. 044845	0. 002328	0. 01167271
DBET	13. 11828	1. 314439305	0. 432656	3. 038074	0. 002381	0. 011892238

NDST4	1.168655	1.232590909	0.406389	3.03303	0.002421	0.012059009
HHATL-AS1	0.984544	1.010834976	0.333689	3.029276	0.002451	0.012181827
FER1L6	1187.718	-1.03194953	0.34116	-3.02482	0.002488	0.012317611
CFHR1	8.83436	1.04396733	0.34547	3.021875	0.002512	0.012418231
IQCF1	0.930505	-1.06050215	0.35114	-3.02017	0.002526	0.012471589
MIR143	1.617372	1.0112687	0.335152	3.017347	0.00255	0.012571466
TRBV7-7	1.296018	1.055144512	0.350132	3.013561	0.002582	0.012705524
RPS4Y2	0.977298	1.683479254	0.558915	3.012046	0.002595	0.012750196
CHRM2	13.14116	1.171747027	0.389053	3.011797	0.002597	0.012757431
KRTAP5-5	5.6248	1.066945241	0.354338	3.011096	0.002603	0.01278179
KRTAP5-5.	5.6248	1.066945241	0.354338	3.011096	0.002603	0.01278179
KRTAP5-5.	5.6248	1.066945241	0.354338	3.011096	0.002603	0.01278179
UBE2U	5.879744	1.161509888	0.388577	2.989137	0.002798	0.013567063
NMUR2	213.7273	-1.05888387	0.354431	-2.98756	0.002812	0.013617477
REG4	18131.92	-1.18154699	0.396249	-2.98183	0.002865	0.013827559
UGT2B17	25.4705	1.026187539	0.347054	2.956854	0.003108	0.014729926
ELF5	88.6959	-1.11849114	0.378479	-2.95522	0.003124	0.014794669
RPL17P33	0.588658	1.023654551	0.346613	2.953308	0.003144	0.014872001
LINC00305	0.518965	1.207139723	0.408862	2.952437	0.003153	0.014896226
SPINK8	0.551695	1.947603589	0.662454	2.939984	0.003282	0.015387676
IRS4	2.191215	1.056781339	0.359564	2.939065	0.003292	0.015425478
DEFA3	1.597472	1.402552116	0.478449	2.931453	0.003374	0.015740413
DEFA3.1	1.597472	1.402552116	0.478449	2.931453	0.003374	0.015740413
RNU6-875F	0.487451	-1.33458498	0.456174	-2.92561	0.003438	0.015984459
PES1P2	0.45126	1.134327439	0.387969	2.923755	0.003458	0.01606364
LINC01098	2.655669	-1.12721298	0.386442	-2.9169	0.003535	0.016344628
IGHE	30.98431	1.028672535	0.352762	2.916049	0.003545	0.016366574
PCA3	1.599699	1.883160634	0.648085	2.905733	0.003664	0.016825113
SPATA42	0.6922	1.166083121	0.401993	2.900754	0.003723	0.017042964
CWH43	9.6802	-1.04791693	0.36138	-2.89977	0.003734	0.017079414
RPL34P26	0.604979	1.246715634	0.429935	2.899775	0.003734	0.017079414
CLCA1	266.8839	1.653522648	0.570516	2.898294	0.003752	0.017131054
DGKK	1.485195	1.063272749	0.367429	2.893819	0.003806	0.017312597
AADACL4	0.537103	1.439791433	0.497554	2.893736	0.003807	0.017315024
LY6K	164.7874	-1.2072732	0.417245	-2.89344	0.00381	0.017324872
RN7SL842F	0.544077	2.287330173	0.790574	2.893251	0.003813	0.017331111
MIR5196	0.588794	1.272082632	0.440111	2.890368	0.003848	0.017449897
RPL7P33	0.663714	1.071190194	0.370956	2.887646	0.003881	0.017564761
ISX	5.870708	1.039714497	0.360216	2.886367	0.003897	0.017631953
EIF4E1B	5.222463	1.11931101	0.389233	2.875687	0.004031	0.018101624
IGKV3D-7	2.857904	1.156794491	0.404367	2.860757	0.004226	0.018788261
INS	54997.97	1.135478067	0.397184	2.85882	0.004252	0.018880522
TRAV33	0.923495	-1.83203181	0.644384	-2.84308	0.004468	0.019653875
BFSP2-AS1	1.797162	1.00939467	0.35709	2.826724	0.004703	0.020473501
HAND1	6.078887	1.326141576	0.469653	2.823665	0.004748	0.020618101
IGHV1-68	1.597909	1.308986664	0.464847	2.815951	0.004863	0.021035133
OPRK1	3.93365	-1.0578198	0.376215	-2.81174	0.004927	0.021270071
FOXL2NB	4.373702	-1.24163059	0.442623	-2.80517	0.005029	0.021590279
LINC01215	1.209944	-1.03442814	0.369796	-2.79729	0.005153	0.022002196
CECR3	0.922228	1.088530148	0.389847	2.7922	0.005235	0.02229978
MIR4795	0.477837	-1.32391826	0.475271	-2.78561	0.005343	0.022671833
OR11H13P	0.688183	-1.32218547	0.47472	-2.78519	0.00535	0.02269049
IAPP	924.4475	1.174333375	0.421977	2.782932	0.005387	0.022829286
RN7SL338F	0.524299	1.182135102	0.425421	2.778739	0.005457	0.023042326

LRR53	0.754885	1.363085718	0.490601	2.778397	0.005463	0.023055996
TRAJ38	0.456145	1.204083578	0.434723	2.769771	0.00561	0.023561866
OTC	65.97169	1.049358091	0.378953	2.769095	0.005621	0.023581334
MAGEA10	1.090481	-1.15171463	0.416741	-2.76362	0.005716	0.023882264
LINC00561	0.420931	1.781379326	0.647928	2.749346	0.005971	0.024717734
OR8G5	0.612667	1.542822659	0.561247	2.74892	0.005979	0.024741518
SCGB1C2	0.600411	1.972743233	0.719843	2.740519	0.006134	0.025275016
SCGB1C2.1	0.600411	1.972743233	0.719843	2.740519	0.006134	0.025275016
RPL9P33	0.669785	1.274530741	0.465237	2.739528	0.006153	0.025324765
MAGEC3	1.533811	1.041167576	0.380503	2.73629	0.006214	0.025483377
LINC01099	28.10901	1.003737898	0.367131	2.734003	0.006257	0.025628454
RNY1P11	0.479211	1.643306076	0.601993	2.729778	0.006338	0.025895756
IGKV1-33	10.835	1.054670171	0.386806	2.726611	0.006399	0.026087645
OR2B11	0.549447	1.275102305	0.468619	2.72098	0.006509	0.026424896
UCMA	0.67095	1.230311656	0.452294	2.720158	0.006525	0.026487739
CD200R1L	1.433607	-1.11240752	0.411883	-2.70079	0.006918	0.027716991
EEF1A1P34	0.532779	1.048721512	0.38897	2.696148	0.007015	0.028029668
PPIAP26	0.424894	1.132308468	0.419981	2.696095	0.007016	0.028031036
IFNA1	2.476029	-1.21372946	0.452486	-2.68236	0.007311	0.028934027
HMX1	0.837307	1.052420338	0.394478	2.667882	0.007633	0.029950953
HMX1.1	0.837307	1.052420338	0.394478	2.667882	0.007633	0.029950953
LINC01539	1.85245	1.143362223	0.428797	2.666444	0.007666	0.030066556
WWC2-AS1	0.813451	1.009928737	0.382033	2.643566	0.008204	0.031736427
MIR222	0.974238	-1.07970916	0.409807	-2.63468	0.008422	0.032422589
RN7SL36P	0.360246	-1.09462634	0.416165	-2.63027	0.008532	0.032780974
MS4A3	1.115	1.050972126	0.400945	2.621237	0.008761	0.033498006
MS4A3.1	1.115	1.050972126	0.400945	2.621237	0.008761	0.033498006
TRAJ2	0.665451	1.146338022	0.437445	2.620531	0.008779	0.033553502
TCERG1L-1	0.778631	1.001298815	0.383762	2.609167	0.009076	0.034427357
VSTM2B	0.888988	1.062782453	0.407512	2.607978	0.009108	0.034518682
FABP2	31.94536	1.059914251	0.407305	2.602262	0.009261	0.034998454
CST8	0.822369	-1.71970021	0.662172	-2.59706	0.009403	0.035387569
RNU7-186F	0.879153	-1.0350222	0.400507	-2.58428	0.009758	0.036453764
SERPINA9	11.52041	1.016844525	0.393893	2.581527	0.009836	0.036675205
SOX3	0.714038	1.348638733	0.523276	2.577297	0.009958	0.037032263
OR7E136P	0.823021	-1.36731672	0.533363	-2.56358	0.01036	0.038197456
OR52P1P	0.566399	1.000029162	0.390604	2.560211	0.010461	0.038511424
LINC00269	1.496839	1.070949448	0.41847	2.559201	0.010491	0.038588834
PSAPL1	269.2083	-1.0687717	0.418519	-2.5537	0.010659	0.039055691
MIR608	0.554626	-1.14960069	0.450213	-2.55346	0.010666	0.039070788
MIR6859-2	0.643226	1.032347263	0.404445	2.552504	0.010695	0.039140342
IGHD3-10	0.472666	1.523535469	0.596971	2.55211	0.010707	0.039171574
PWRN3	0.4331	1.269752412	0.498954	2.544827	0.010933	0.039811966
SRY	1.620896	1.559541321	0.613589	2.541672	0.011032	0.040105596
SPATA16	0.641821	1.120838747	0.443167	2.529156	0.011434	0.041274953
SLC22A25	0.486412	-1.15086331	0.455133	-2.52863	0.011451	0.04131227
CRH	56.2086	1.0957939	0.434423	2.52241	0.011655	0.041898259
PSG3	0.550389	1.406029833	0.559733	2.511964	0.012006	0.04289015
IFNA5	0.536591	1.268709043	0.507234	2.501232	0.012376	0.043855135
KCNJ18	1.339857	1.63266667	0.653325	2.49901	0.012454	0.044067328
LINC01497	2.259266	1.113029581	0.44711	2.489387	0.012796	0.045000033
GZMAP1	0.612599	1.152335517	0.463007	2.488808	0.012817	0.045040338
GPR6	1.818332	1.043763488	0.419719	2.486816	0.012889	0.045235158
IGKV2D-2C	0.72009	1.416195249	0.570394	2.482836	0.013034	0.045619423

GABRR3	0.465179	1.357566916	0.547369	2.480167	0.013132	0.045892424
NKX2-8	11.96854	-1.30416396	0.52827	-2.46875	0.013559	0.047061377
CHIA	0.795144	1.24344487	0.504999	2.462272	0.013806	0.047690729
MCCD1	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
MCCD1.1	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
MCCD1.2	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
MCCD1.3	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
MCCD1.4	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
MCCD1.5	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
MCCD1.6	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
MCCD1.7	0.757356	1.290674608	0.527012	2.449042	0.014324	0.049054487
OTOP2	0.978087	-1.12800606	0.461443	-2.44452	0.014505	0.049558594
SLC32A1	1.02381	1.024892375	0.419952	2.440498	0.014667	0.049997627