

Supplementary materials

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Table S1: Gene expression profiling-RNA sequencing

#ID	Symbol	Control 1	Control 2	Control 3	Asthma 1	Asthma 2	Asthma 3
ENSMUSG	Zranb2	18.40992	18.12329	18.30748	18.61071	16.00714	16.974992
ENSMUSG	Lrriq3	0.670757	0.306873	0.230956	0.484253	0.242095	0.282332
ENSMUSG	Dnase2b	0.06814	0.046494	0.061157	0.087105	0	0.0407
ENSMUSG	Adgrl2	27.01144	27.84543	25.87351	21.3873	23.09061	18.242878
ENSMUSG	Rpf1	15.95143	16.12446	17.13603	15.54776	16.12679	15.087144
ENSMUSG	Uox	0.094737	0.405442	0.072772	1.027018	0.496807	0.336949
ENSMUSG	Ctbs	7.528868	7.024169	7.036773	5.674893	5.729126	5.896232
ENSMUSG	Spata1	1.038948	0.949067	1.522922	1.01113	1.062886	1.061829
ENSMUSG	Ptprh	0	0.001398	0	0.00473	0.013225	0.004602
ENSMUSG	Mageb4	0	0	0	0	0	0
ENSMUSG	Fam170a	0	0	0	0	0	0
ENSMUSG	Sap30bp	9.618636	9.657901	8.955708	8.431721	7.981021	9.12459
ENSMUSG	Recql5	4.35108	4.095323	3.987301	4.286898	4.305344	4.341053
ENSMUSG	Itgb4	2.303639	2.298743	1.787338	2.361501	2.175224	2.708456
ENSMUSG	Ahnak	138.2981	139.6474	107.8975	80.98412	84.23867	80.232286
ENSMUSG	Nlrp1a	0	0	0	0	0	0
ENSMUSG	Atp6v0d2	22.87283	21.70932	22.69901	60.79556	67.01531	65.251404
ENSMUSG	Cdk10	12.73511	12.57944	11.96612	11.7763	9.859072	11.177294
ENSMUSG	Klf9	53.15844	56.44413	37.85076	29.0175	34.68461	28.391605
ENSMUSG	Fgg	0	0.071172	0.080053	0.038481	0.082462	0.092675
ENSMUSG	Sat2	1.51144	1.363022	0.875108	1.537992	0.789874	0.792496
ENSMUSG	Tgs1	6.700407	6.727966	6.961949	6.535901	6.224789	5.851031
ENSMUSG	Tmem68	6.42075	6.650747	6.301518	6.205394	5.523338	5.728097
Mus_musc	Mus_musc	0.150787	0.210132	0.482409	0.177607	0.137644	0.300728
ENSMUSG	Sdr16c5	0	0	0	0	0	0
ENSMUSG	Rps20	42.60596	43.90861	44.20593	51.69774	46.24308	46.434914
ENSMUSG	Olfir779	0	0	0	0	0	0
ENSMUSG	Ackr2	41.97864	31.96013	33.51294	17.40664	22.38026	16.843716
ENSMUSG	Agtr2	0.068958	0.028154	0	0	0	0.016831
ENSMUSG	Btdb35f22	0	0	0	0	0	0
ENSMUSG	Cst7	0.98707	0.536952	2.708118	3.379902	2.491882	5.017487
ENSMUSG	Olfir1105	0	0	0	0	0	0
ENSMUSG	Snrpb	92.17655	91.57972	99.1869	77.22511	76.24096	81.121804
ENSMUSG	Olfir1101	0	0	0	0	0	0
ENSMUSG	Olfir1104	0	0	0	0.022755	0	0
ENSMUSG	Olfir1109	0	0	0	0	0	0
ENSMUSG	Pdyn	0	0	0	0.065055	0	0.041376
ENSMUSG	Tgm6	0	0	0	0	0	0
ENSMUSG	Olfir1098	0	0	0	0	0	0
ENSMUSG	Olfir1099	0	0	0	0	0	0
ENSMUSG	4933415F2	0.058067	0.025993	0	0	0	0.031025
ENSMUSG	Stk4	36.11199	34.46984	38.30489	28.77373	31.20507	28.327294
ENSMUSG	Cnr1	0.226499	0.196188	0.158929	0.381775	0.102987	0.388577
ENSMUSG	Olfir221	0	0	0	0	0	0
ENSMUSG	Nrn1l	0.267623	0.804003	0.459006	0	0	0
ENSMUSG	Chrd	0.781957	1.131606	0.841189	0.999759	0.896044	1.024289
ENSMUSG	Defb50	0	0	0	0	0	0
ENSMUSG	Tmed9	65.8936	69.50973	73.59026	75.99736	79.76753	77.190229
ENSMUSG	Gm21719	0	0	0	0	0	0
ENSMUSG	Erap1	17.06001	16.13447	19.55092	18.0572	16.43894	17.451562
ENSMUSG	Pcsk1	0.177212	0.34392	0.099082	0.139178	0.174211	0.28408
ENSMUSG	Cast	30.63989	30.35226	28.54915	29.23193	29.86122	29.400277
ENSMUSG	Rhobtb3	1.199439	1.48182	0.956525	0.849394	1.252436	1.064317
ENSMUSG	Gm8300	0	0	0	0	0	0
ENSMUSG	Vwa3a	2.453676	2.899536	1.759609	2.923533	2.934404	3.075786
ENSMUSG	Rrp8	5.717262	5.004619	5.674331	6.282381	5.944218	5.722482
ENSMUSG	Arfip2	13.14854	13.23903	11.0758	13.55235	13.38341	14.251326
ENSMUSG	Polr3e	5.618179	4.28903	5.395368	5.108722	4.442176	5.210367
ENSMUSG	Psemb7	47.82234	45.37727	52.8994	47.56028	47.76037	48.340786
ENSMUSG	Dnhd1	0.378117	0.38551	0.526354	0.386782	0.46586	0.30114
ENSMUSG	Uqcrc2	47.76281	48.52047	45.31183	47.07848	46.33376	46.222569
ENSMUSG	Golga1	6.865866	5.91306	6.251122	5.712862	4.763898	5.097114
ENSMUSG	Arpc5l	23.4357	26.38113	28.01321	26.74347	27.6331	28.110215

ENSMUSG Gm13084	0	0	0	0	0	0
ENSMUSG Ddn	0	0.012361	0	0.032805	0.014955	0
Mus_musc Mus_musc	0	0	0	0.337896	0	0
Mus_musc Mus_musc	0	0	0	0.269167	0.368393	0.123612
Mus_musc Mus_musc	0.188031	0	0.106022	0	0	0
Mus_musc Mus_musc	0.289634	0.167175	0.299514	1.210368	1.269549	1.011667
Mus_musc Mus_musc	0	0.210224	0	0.269215	0	0.170758
ENSMUSG Ubap1l	0.444327	0.043497	0	0.031146	0.297896	0
ENSMUSG Syce2	1.805839	1.43935	1.921258	1.148252	2.186675	2.558471
ENSMUSG Olfr213	0	0	0	0	0	0
ENSMUSG Gm15013	0.067372	0	0.029949	0	0	0
ENSMUSG Gm21721	0	0	0	0	0	0
ENSMUSG Bid	2.266882	1.898535	3.33298	4.75374	4.927183	5.852378
ENSMUSG Vmn2r25	0	0	0	0	0	0
ENSMUSG Olfr1354	0	0	0	0	0	0
ENSMUSG Kctd12	24.49059	24.063	23.54569	21.6363	22.10043	20.710949
ENSMUSG Chst9	0.043751	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.17337	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.126105	0.210366	0.026302	0	0	0.141173
ENSMUSG Hpgds	0.487064	0.373787	0.423069	1.060768	1.103827	1.054991
ENSMUSG Mrps33	14.83211	15.53211	15.26719	16.88031	12.4694	13.693425
Mus_musc Mus_musc	0.373862	0.381003	0.392836	0	0.254444	0
ENSMUSG Clec5a	0.531074	0.544707	1.242341	1.783335	2.470802	2.313837
ENSMUSG C130060K;	0	0	0	0	0	0
ENSMUSG Agk	6.737996	5.428625	6.769525	5.108799	5.423622	4.448694
ENSMUSG Ssbp1	12.42417	12.38295	12.73777	15.15675	12.94656	13.914029
ENSMUSG Mad2l1	2.477389	2.62281	2.933883	4.427883	5.139179	4.665606
ENSMUSG Prdm5	2.217939	2.467511	2.294709	1.376332	1.517573	1.195973
ENSMUSG Mkrn3	0.288285	0.471288	0.531018	0.62583	0.322589	0.222007
Mus_musc Mus_musc	0.67426	0.919682	0.491239	0.697669	0.355095	0.372
ENSMUSG Gm17467	0	0	0	0	0	0
ENSMUSG Gm13285	0	0.003166	0.037381	0.004344	0.003831	0.042519
ENSMUSG Prss16	0.158016	0.306256	0.128172	0.699295	0.634693	0.78666
Mus_musc Mus_musc	0	0.126343	0.27578	0.194945	0.159265	0.049273
Mus_musc Mus_musc	0	0.168852	0.345302	0.208819	0.329204	0.165093
Mus_musc Mus_musc	0.442066	0.323363	0.456899	0.205904	0.210953	0.241031
ENSMUSG Esp15	0	0	0	0	0	0
Mus_musc Mus_musc	1.042614	1.405937	1.044415	0.770499	0.53759	0.824019
Mus_musc Mus_musc	0.291662	0.280562	0.291319	0.356436	0.151688	0.38407
Mus_musc Mus_musc	0	0	0.137087	0.174016	0	0
Mus_musc Mus_musc	2.724306	2.84018	2.256312	2.49651	2.937154	2.524702
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.198682	0	0.092236	0	0
Mus_musc Mus_musc	0.222173	0	0	0	0	0
Mus_musc Mus_musc	0.428167	0	0.659564	0.981109	0.48003	0
ENSMUSG Tor1b	12.47861	14.56371	13.28819	12.70111	14.54642	13.815405
ENSMUSG Ifi209	1.246312	1.055544	2.498508	2.161274	1.57652	1.76688
ENSMUSG Uevld	3.31211	3.365202	3.281136	3.226655	3.600954	3.076395
ENSMUSG Olfr1031	0	0	0	0	0	0
ENSMUSG Kdelc1	8.186477	7.534988	7.90788	7.194746	7.651696	7.65224
ENSMUSG Ssc5d	1.016961	1.198452	1.367147	1.425588	1.389115	1.530254
ENSMUSG Plekhj1	16.17091	15.10603	17.33615	17.87917	16.48664	19.55266
ENSMUSG Wnt3	0.033498	0.066775	0.049099	0.059853	0.033138	0.064381
ENSMUSG Rps2	14.01525	13.72998	13.59083	11.70305	17.53782	15.41403
ENSMUSG Tmem30b	9.903492	8.766222	6.941463	7.281276	8.606073	7.976046
ENSMUSG Zxdc	5.512173	5.270949	5.449075	4.331515	5.113308	5.30507
ENSMUSG Cops8	20.9727	23.55632	23.52588	18.98235	18.72047	19.079809
ENSMUSG Gm20379	0.024831	0	0	0	0	0
ENSMUSG Gbp8	2.926575	2.869572	21.04902	9.918539	3.076517	4.5596
ENSMUSG Gm7682	0	0	0	0	0	0
Mus_musc Mus_musc	0.255084	0.078028	0.143436	0.274814	0.278982	0.476451
Mus_musc Mus_musc	0	0	0	0	0	0.210963
Mus_musc Mus_musc	0	0	0	0.174016	0	0

Mus_musc Mus_musc	0.352133	0	0	0.225883	0.201107	0.364157
ENSMUSG Kdm4d	0.03656	0.057372	0	0.032156	0.062346	0.079552
ENSMUSG Nanp	5.810698	4.183895	3.946179	1.922604	1.92806	1.674919
ENSMUSG Wfdc2	338.125	393.184	294.2769	411.7154	339.4268	375.07717
ENSMUSG Pigt	33.61784	30.03268	31.08239	33.74739	34.95501	35.288401
ENSMUSG Trp53tg5	0	0.040007	0	0.074512	0	0
ENSMUSG Etv4	0.099101	0.082057	0.058757	0.205768	0.16245	0.126046
ENSMUSG Lpo	0	0	0	0	0	0.022661
ENSMUSG Mpo	0.120212	0.016834	0.055366	0.176061	0.085566	0.143223
Mus_musc Mus_musc	0	0	0	0	0	0.312352
Mus_musc Mus_musc	5.495057	6.720715	9.442489	6.293005	8.043187	6.537943
Mus_musc Mus_musc	5.292123	5.594155	4.633885	3.801185	3.039928	3.007601
Mus_musc Mus_musc	0.129352	0.462049	0.210166	0.13517	0.376999	0.381589
Mus_musc Mus_musc	0.480163	0	0.170398	0.75116	0.458171	0.278829
ENSMUSG Ppt2	20.34509	20.28787	23.33774	19.49747	17.9104	17.228093
Mus_musc Mus_musc	0.838273	1.20682	1.409398	1.803884	1.536435	1.94487
Mus_musc Mus_musc	0.226781	0.179775	0.237094	0.471	0	0.210506
ENSMUSG Prkcg	1.197233	1.262809	1.318824	0.794188	0.529999	0.738394
ENSMUSG Nlrp12	0.392565	0.267079	0.407856	0.300735	0.348162	0.367017
ENSMUSG Cacng6	0	0	0	0	0	0
ENSMUSG Eif5a	158.1836	151.8627	180.8541	176.0749	180.0107	188.13282
Mus_musc Mus_musc	0.473932	0.708275	1.144462	1.197715	1.033199	1.206139
Mus_musc Mus_musc	41.10824	64.66946	46.58165	40.18304	39.5275	39.650856
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0	0	0.082426	0.059079
ENSMUSG Dppa3	0	0	0	0	0.045721	0
ENSMUSG Abca12	0	0.045058	0	0.015998	0.020473	0
ENSMUSG Nop56	19.91737	18.16872	20.15556	19.54852	17.27346	18.35026
ENSMUSG Foxc1	0.42587	0.340463	0.285521	0.2216	0.16104	0.373226
ENSMUSG Olfr1106	0	0	0	0	0	0
ENSMUSG Idh3b	42.33526	42.88005	44.05829	49.54544	46.19145	51.210337
ENSMUSG Tgm3	0	0.20133	0.022225	0.208819	0.011919	0.119019
ENSMUSG Gm29554	0	0	0	0	0	0
ENSMUSG Olfr259	0	0	0	0	0	0
ENSMUSG Olfr1107	0	0	0	0	0	0
ENSMUSG Nme8	0	0	0	0	0	0
ENSMUSG Zfp598	19.01884	17.11397	19.69333	15.1844	15.6246	14.903906
ENSMUSG Smc1a	27.39471	25.86155	24.88322	23.95789	24.69334	22.582271
ENSMUSG N4bp2l1	8.963383	7.707745	10.02193	10.56492	10.89739	9.091687
ENSMUSG Ripk2	7.890537	7.059577	6.779725	5.337658	6.799777	5.858336
ENSMUSG Cyyr1	72.71634	74.94089	72.55267	49.19161	51.34621	45.099003
ENSMUSG Gm9045	0.329273	0.501125	0.433997	0.301927	0.392326	0.356353
ENSMUSG 1700020A:	0	0	0.213537	0.106072	0	0.134225
ENSMUSG Srsf6	39.86654	35.77041	41.58807	34.64361	33.64893	34.706646
ENSMUSG Cpxm1	4.119406	4.193742	4.472774	17.68993	18.4038	18.595104
ENSMUSG Rpl30	16.96792	19.40176	17.68847	17.14887	11.41413	19.557455
ENSMUSG Vmn1r5	0	0	0	0	0	0
ENSMUSG Vmn2r46	0	0	0	0.004834	0	0
ENSMUSG Fbxo6	22.22698	20.79297	20.80834	20.03001	18.66432	22.450431
ENSMUSG Map6	21.57626	17.90708	20.78864	12.77088	13.13412	13.573788
ENSMUSG Nell1	0.014634	0.011683	0.02211	0.029402	0	0.014446
ENSMUSG Enthd1	0	0	0	0	0.037155	0.023476
ENSMUSG Usp29	0	0	0.006722	0	0	0
ENSMUSG Gm21887	9.651845	5.637519	11.38006	7.992983	9.610111	12.5727
ENSMUSG Olfr424	0	0	0	0	0	0
Mus_musc Mus_musc	0.593673	0.736322	0.76105	0.77461	0.878225	0.402137
Mus_musc Mus_musc	0	0.044925	0	0.25446	0.646825	0.656473
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gm5890	0	0	0	0	0	0
Mus_musc Mus_musc	0.246962	0.202139	0	0.168416	0	0.334711
Mus_musc Mus_musc	0	0	0	0	0	0.297532
Mus_musc Mus_musc	1.055119	0.451757	1.059819	0.810214	0.947086	1.439483
Mus_musc Mus_musc	0.210798	0.056051	0.360232	0.054266	0.147448	0
Mus_musc Mus_musc	0	0	0	0	0.255838	0

Mus_musc Mus_musc	0.167469	0	0	0	0	0.137836
Mus_musc Mus_musc	34.67904	33.70739	38.64317	24.51989	25.41395	22.356775
Mus_musc Mus_musc	0.26749	0	0.307429	0.09275	0	0
Mus_musc Mus_musc	0.484032	0.464054	0.395829	0.267164	0.20577	0.415876
Mus_musc Mus_musc	0.323161	0	0	0	0	0.169541
Mus_musc Mus_musc	0	0.311467	0	0	0	0
ENSMUSG Pate3	0	0	0	0	0	0
ENSMUSG Oard1	13.01633	12.30748	12.54079	11.23461	11.1643	11.554571
ENSMUSG Cept1	23.8871	26.69503	27.2113	28.20609	27.40922	26.729263
ENSMUSG Fbxw25	0	0	0	0	0	0.075282
ENSMUSG Gm3776	0.288358	0.264039	0.12754	0.173883	0.108299	0
ENSMUSG Col8a2	2.639559	2.527746	2.455102	1.848219	2.147091	2.34812
ENSMUSG Gm49385	0	0	0	0	0	0
ENSMUSG Olfr287	0	0	0	0	0	0
ENSMUSG Olfr135	0	0	0	0	0	0
ENSMUSG 1700084M	0	0	0	0	0	0
ENSMUSG Ubxn11	3.598979	3.841914	3.991339	5.99018	4.223133	5.376808
ENSMUSG Ugt1a7c	2.848285	3.172035	3.385787	3.001342	3.539028	3.793328
ENSMUSG Crybg2	1.360304	1.393945	0.819266	0.986555	0.923069	1.073346
ENSMUSG Apex2	2.40407	2.501443	3.006526	2.043717	1.957989	2.41721
ENSMUSG Maged2	22.26219	20.20587	21.92644	16.83386	16.41879	15.821685
ENSMUSG Gnl3l	9.733143	9.382367	8.385814	7.809097	8.2578	8.477038
ENSMUSG Fgd1	1.87059	1.90655	1.502075	1.509776	1.351692	1.448434
ENSMUSG Tsr2	6.177785	6.052434	6.520757	5.576643	4.509428	4.583217
ENSMUSG Fam120c	2.340704	2.811448	2.020183	2.399085	2.527267	2.335352
ENSMUSG Huwe1	28.54745	28.66621	22.44068	27.28803	25.966	27.382652
ENSMUSG Hsd17b10	29.58637	32.27165	29.42236	30.43488	31.63591	33.343687
ENSMUSG Gm8247	0	0	0	0	0	0
ENSMUSG Gm13693	0	0	0	0	0	0
ENSMUSG Hist1h2bl	0.413571	0.644495	0.326699	0.221517	0.475142	0.068163
ENSMUSG Iqcf6	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.108849	0.184186
Mus_musc Mus_musc	0.891315	0.732244	0.943089	1.105027	1.300838	1.008735
ENSMUSG Atp8b4	1.733153	1.657388	2.710627	2.146963	2.154916	2.078438
ENSMUSG Vmn1r54	0	0	0	0	0	0
ENSMUSG Dusp18	6.282328	5.910691	4.468274	6.248803	6.170641	6.298478
ENSMUSG Olfr1495	0	0	0	0	0	0
ENSMUSG Tchp	4.321461	4.345957	4.740422	4.107916	4.370201	3.84957
ENSMUSG Itgb7	13.72619	10.83566	16.12493	21.29193	13.90824	17.910617
ENSMUSG Scgb2b15	0	0	0	0	0	0
ENSMUSG Pi15	1.206302	1.386833	1.326965	1.957374	2.062151	1.954534
ENSMUSG Nnat	6.367153	7.086279	5.784949	7.717314	7.576314	6.386633
ENSMUSG Blcap	18.71979	21.3427	20.71329	19.72663	19.79425	20.113063
ENSMUSG Aldh1a1	618.3465	739.7333	570.4601	425.4515	465.8982	443.10026
ENSMUSG Gm40193	0	0	0	0	0	0
ENSMUSG Olfr730	0	0	0	0	0	0
ENSMUSG Tlx2	0	0	0	0	0	0
ENSMUSG Slc4a5	13.99883	15.10752	8.64642	10.9449	10.05505	9.893524
ENSMUSG Htra2	11.48277	11.70958	17.10197	15.07318	13.97989	15.126648
ENSMUSG Aup1	58.89946	53.29275	58.75316	61.5097	65.81522	69.709513
ENSMUSG Nmral1	1.315068	1.314195	0.911093	3.232565	2.531836	3.145074
ENSMUSG Ube2d2b	0.033617	0	0	0.236135	0.042729	0.118327
ENSMUSG Plppr1	0	0.074922	0.005174	0	0	0
ENSMUSG Plekhd1	6.576626	7.01675	6.914172	6.049437	5.072883	6.787928
ENSMUSG Gm28553	0	0	0	0	0	0
ENSMUSG Gm20518	0.805655	1.181158	1.776484	1.381533	0.74649	1.050364
ENSMUSG Vmn1r180	0	0	0	0	0	0
ENSMUSG Kera	0	0	0	0	0	0
ENSMUSG Mrln	0	0	0.2171	0	0	0.192917
ENSMUSG Slc17a8	0.050468	0.0561	0.049437	0.059828	0.041143	0.090605
ENSMUSG Epyc	0	0	0	0	0	0
ENSMUSG Ppp2ca	22.30843	23.14574	23.36897	21.55132	21.923	21.65703
ENSMUSG Arih2	14.48986	14.82662	14.08399	15.69286	13.7356	13.688206
ENSMUSG Mgat1	48.30667	46.27106	48.52089	52.5608	54.86799	52.036018

ENSMUSG Rab44	3.032202	2.833975	3.134631	3.121827	3.172959	4.118676
ENSMUSG Ccl26	0	0	0	0	0	0
ENSMUSG Zfp69	3.802925	4.104351	3.767977	2.580251	3.362534	2.820039
ENSMUSG Trim38	0	0	0	0	0	0.02755
ENSMUSG Pcdha9	0	0.068879	0.094014	0.014326	0.016755	0
ENSMUSG Cyfip2	5.29138	5.017242	5.577553	11.39657	10.71988	10.741534
ENSMUSG Trim60	0	0	0	0	0	0
ENSMUSG Gm45234	0.041896	0.006862	0	0.008487	0.049397	0.033281
ENSMUSG Phactr1	31.59947	29.28086	29.56114	19.80456	20.36032	18.798205
ENSMUSG Vmac	11.06629	10.03086	9.990744	11.20985	9.524648	9.992185
ENSMUSG Lrrc8c	12.94529	12.2354	12.38544	10.82079	10.89313	12.559359
ENSMUSG 1700013H	0	0	0	0	0	0
ENSMUSG Olfr701	0	0	0	0	0	0
ENSMUSG Ttll7	14.922	13.49	12.42879	8.094818	8.553634	8.281343
ENSMUSG Gm10715	0	0	0	0	0	0
ENSMUSG Psmc8	0.229261	0.177565	0.149427	0.216241	0.283238	0.454152
ENSMUSG Otud7a	0.038492	0	0.044429	0.031326	0	0.006875
ENSMUSG Cuedc2	19.38299	20.07159	19.1235	18.29958	18.52312	19.230529
ENSMUSG Prame15	0	0	0	0	0	0
ENSMUSG Olfr510	0	0	0	0	0.015232	0
ENSMUSG Hgs	18.60415	17.80935	18.63837	17.23513	15.18496	16.465189
ENSMUSG Hikeshi	8.583634	9.966995	8.825284	6.768787	8.415895	7.888126
ENSMUSG Zfp599	0.301934	0.387975	0.14386	0.353242	0.379549	0.432121
ENSMUSG Olfr1158	0	0	0	0	0	0
ENSMUSG 2-Sep	16.2261	11.43809	24.18754	15.74479	17.85732	12.853275
ENSMUSG Gm382	0	0	0	0	0	0
Mus_musc Mus_musc	6.783384	6.054041	5.0403	7.893232	2.402153	9.36123
ENSMUSG Arf2	29.25097	26.40918	28.45145	21.67735	21.15851	21.521947
ENSMUSG Olfr304	0	0	0	0	0	0
ENSMUSG Rab3d	21.7298	21.69979	20.1357	20.44178	22.27513	22.314036
ENSMUSG Cdcp1	5.465465	4.377138	4.543046	4.152137	4.167775	4.983677
ENSMUSG Ubl4b	0	0	0	0.037639	0.038765	0
ENSMUSG Oosp2	0	0	0	0	0.184689	0.072806
ENSMUSG Gm44596	0	0	0	0	0	0
ENSMUSG Cldn34b3	0	0	0	0	0	0
ENSMUSG 4930522H	0	0	0	0	0	0
ENSMUSG Olfr1330	0	0	0	0	0	0
ENSMUSG Rpl10l	0	0	0	0	0	0
ENSMUSG Mtmr2	27.37769	27.47616	25.49906	21.16939	20.34539	20.064463
ENSMUSG Tmed6	1.464314	1.325536	0.814617	0.84291	1.166666	1.230728
ENSMUSG Cog8	11.41578	11.54839	11.36076	11.62083	10.62958	12.334255
ENSMUSG Nip7	5.12108	6.07458	4.477476	5.659108	5.751858	5.021564
ENSMUSG Has3	0.515931	0.883775	0.557082	2.403021	2.890117	2.186065
ENSMUSG Vps4a	25.41925	25.66299	27.07036	19.1933	21.39898	22.710342
ENSMUSG Gm5105	0	0	0.022804	0	0	0
ENSMUSG Lrrc56	2.856824	3.564737	2.494949	3.696876	3.683961	3.367308
ENSMUSG Degs1	54.7239	51.64669	52.7334	51.79818	54.26816	53.898326
ENSMUSG Zkscan16	0.078941	0.073896	0.036278	0.053999	0.020046	0.016283
ENSMUSG Pzp	0	0.063688	0	0.021115	0.067402	0.012316
ENSMUSG Fkbp4	79.63645	106.0246	96.27835	71.26264	80.50753	83.490089
ENSMUSG Tspan11	16.20689	17.42769	14.91583	14.13744	15.14288	15.964808
ENSMUSG Prmt8	1.554538	1.683863	2.534545	2.211966	2.880127	2.885618
ENSMUSG Tead4	12.35123	10.16589	10.19866	6.01147	6.589578	6.562246
ENSMUSG Tspan9	95.27081	94.34425	103.6165	74.06349	81.95172	80.121383
ENSMUSG Pnlcd1	0.028403	0.135521	0.133109	0.09125	0.178661	0.075453
ENSMUSG Sft2d1	21.41473	18.11103	24.74656	24.95962	22.04734	24.649498
ENSMUSG Ucn2	0	0.02485	0.081323	0	0.04639	0.095681
ENSMUSG BC048671	0.0543	0	0	0.095766	0.042822	0.089512
ENSMUSG Nckap5	30.83083	23.5421	23.29461	14.93428	12.95972	13.71386
ENSMUSG Nkx3-2	0	0	0	0	0	0
ENSMUSG Tmem239	0	0	0	0	0	0
ENSMUSG Fbxo33	6.90482	6.279865	5.713563	5.749021	5.994825	6.145532
ENSMUSG Sec31a	32.37885	30.65642	31.70843	30.0308	32.96427	31.751468
ENSMUSG Zfp992	0.813005	0.934172	0.799634	1.806493	1.835128	1.49048

ENSMUSG Msrb1	44.76702	44.20323	50.23411	50.70091	50.38418	48.563963
ENSMUSG Txnrd2	4.382132	4.794347	5.032377	5.01993	3.906932	4.701699
ENSMUSG Dio3	0	0.018501	0.056544	0.132903	0.027935	0.152535
ENSMUSG Gpx4	222.9796	222.8594	228.6002	212.6852	201.8537	222.72506
ENSMUSG Selenos	63.61824	62.36651	67.35593	67.02313	65.77733	59.19371
ENSMUSG Ogfod2	10.27172	10.80002	10.39	10.30924	10.30703	11.467879
ENSMUSG Selenoi	4.810201	4.470458	4.282249	4.351836	4.069223	4.30489
ENSMUSG Selenom	31.5954	27.30434	29.36968	27.26835	30.50624	33.491158
ENSMUSG Dpp7	7.35905	6.866671	7.133535	12.31521	13.25338	14.240708
ENSMUSG Grin1	0.107439	0.101766	0.114475	0.228752	0.136046	0.141586
ENSMUSG St8sia3	0.006795	0.021542	0.01904	0	0	0
ENSMUSG Fam89a	1.057642	1.203681	1.368408	0.611428	0.185437	0.553315
ENSMUSG Gm6812	0	0	0	0	0	0
ENSMUSG Tmem18	11.08278	11.16683	9.820444	10.22976	9.182046	9.675698
ENSMUSG Fscb	0	0	0	0	0	0
ENSMUSG Spice1	4.571253	4.475919	3.901852	4.117962	4.804171	4.104642
ENSMUSG Dpy1911	7.902617	8.520841	9.786817	9.274843	9.682426	8.660233
ENSMUSG Vmn1r66	0	0	0	0	0	0
ENSMUSG Laptm4b	38.02749	42.74243	34.52231	27.32947	24.42813	25.629094
ENSMUSG Mtdh	18.92036	16.76738	17.07155	21.94605	18.82301	20.320892
ENSMUSG Enam	0	0	0	0	0	0
ENSMUSG Smr2	0	0	0	0	0	0
ENSMUSG Smr3a	0	0	0	0	0	0
ENSMUSG Cdc7	1.049405	1.252096	1.473774	1.564493	1.686743	1.41654
ENSMUSG Amtn	0.205142	0	0.132736	0.196662	0.203133	0.134085
ENSMUSG Ambn	0	0	0	0	0	0.029804
ENSMUSG Atp6ap2	32.01373	33.21039	33.43707	41.86989	44.60896	47.065624
ENSMUSG Gm128	0.361216	0.211824	0.270589	0.089139	0.16415	0.139394
ENSMUSG Ppp1r8	18.7098	17.2635	18.23849	17.06766	16.13427	17.459865
ENSMUSG Sema3a	12.84104	11.18715	10.60128	9.541383	8.176149	8.147586
ENSMUSG Rpa2	8.347901	5.7441	7.278675	6.602947	8.01311	8.049146
ENSMUSG Smpdl3b	1.466851	2.275485	4.31402	2.977099	1.911622	2.293284
ENSMUSG Eya3	9.500721	9.945955	8.660259	10.28919	9.796078	11.59633
ENSMUSG Yrdc	7.317415	8.156336	8.42791	7.966672	7.555957	6.807328
ENSMUSG Zyg11b	9.661464	10.91545	8.494246	8.555884	8.670594	8.580203
ENSMUSG Ly6d	1.764311	1.448931	2.298122	2.17567	3.979257	3.348526
ENSMUSG Sp8	0	0	0	0	0	0
ENSMUSG 4933424G	0	0	0	0	0.036172	0
ENSMUSG Sh2d1b1	5.564961	6.13064	4.661848	5.664485	5.584405	5.763821
ENSMUSG Rimbp2	0.182816	0.213285	0.090633	0.2196	0.118083	0.138338
ENSMUSG Piwil1	0	0	0	0	0	0
ENSMUSG Rsrc2	33.22289	39.03218	37.65473	35.09617	31.0024	31.486374
ENSMUSG Zcchc8	12.72944	11.79184	11.16562	9.94588	10.32626	9.152064
ENSMUSG Scarb2	82.31789	86.31554	79.6825	63.58622	67.77531	67.439301
ENSMUSG Stx2	8.681806	7.985364	9.062664	7.763929	7.749876	8.24886
ENSMUSG Gdpd4	0	0	0.013834	0	0	0
ENSMUSG Kcnh8	0	0	0	0	0.03854	0
ENSMUSG Tsen34	41.46665	35.29319	40.67328	33.5995	38.85792	39.116709
ENSMUSG Alox5	5.944119	5.72495	5.483808	6.106388	6.353298	6.613272
ENSMUSG 8-Mar	27.17762	27.41966	23.28339	21.632	23.10381	23.548255
ENSMUSG Hrh2	0.433998	0.392754	0.707851	0.954444	0.797924	0.764034
ENSMUSG Parm1	2.414134	2.837366	2.629594	3.356198	3.561058	2.764211
ENSMUSG Rad17	9.50315	9.032433	8.573679	7.810736	9.215128	9.27316
ENSMUSG Marveld2	8.936493	9.458283	7.268103	5.890386	5.140389	5.601628
ENSMUSG Cd59a	5.746912	5.244954	6.202152	5.304824	5.604541	5.760405
ENSMUSG Ocln	23.73277	23.04278	19.2204	13.42804	13.54528	13.58121
ENSMUSG Gtf2h2	6.262792	6.510779	6.805868	7.66687	7.775106	6.36766
ENSMUSG Prorsd1	5.201267	4.922854	5.841761	6.438559	4.331041	6.096416
ENSMUSG Traip	0.222775	0.249427	0.318394	0.403594	0.651181	0.692706
ENSMUSG Nlrc5	3.006998	2.508873	12.76709	9.478442	3.62236	5.320503
ENSMUSG Rbm6	16.89007	17.19869	16.24556	15.82845	14.39049	14.195149
ENSMUSG Ces1h	0.025138	0.104963	0.024392	0	0	0.025018
ENSMUSG Rbm5	38.29006	38.23056	39.47605	32.69007	30.29681	32.524632
ENSMUSG Zfp976	1.840662	2.012795	1.374336	1.316466	1.522162	1.686583

ENSMUSG Bsn	0.08387	0.118864	0.183807	0.158436	0.133583	0.160519
ENSMUSG Foxn4	0.078305	0.141109	0.056125	0.588862	0.30158	0.509749
ENSMUSG Cd109	0.158736	0.13901	0.273008	0.392101	0.321455	0.424587
ENSMUSG Prlhr	0	0	0	0	0	0
ENSMUSG Kcng3	0	0.011955	0.012081	0	0	0
ENSMUSG 3110040M	0	0	0	0	0.025946	0
ENSMUSG Ppp6c	17.12743	17.63653	17.9066	14.29745	14.90852	14.028292
ENSMUSG Nr5a1	0	0	0.016615	0	0	0
ENSMUSG Tesk2	1.80248	1.613102	1.712589	1.366856	2.081207	2.327157
ENSMUSG Dnah17	0.104475	0.093243	0.162069	0.138809	0.1134	0.075005
ENSMUSG Gria2	0	0	0.004919	0.027602	0	0
ENSMUSG Coil	2.786284	2.638884	2.561972	3.283145	2.816391	3.179915
ENSMUSG Pdzd9	0	0.088504	0	0	0.082297	0.030095
ENSMUSG Mrpl49	15.67241	16.8393	15.34741	13.46447	14.78031	15.149656
ENSMUSG Rsb1	7.695769	7.994396	7.467468	6.643412	7.133802	6.013488
ENSMUSG C130050O	1.484158	1.782773	1.876062	1.739091	1.170388	2.275839
ENSMUSG Wipf1	17.85511	17.41905	19.88242	21.36428	19.36841	19.706441
ENSMUSG Carns1	0.965272	0.932039	1.195371	1.556059	1.155865	1.066869
ENSMUSG Scyl1	32.47849	32.2022	32.47606	28.94226	31.9374	33.716442
ENSMUSG Ltbp3	22.3812	20.82561	24.04825	21.21038	17.94039	21.435986
ENSMUSG Smc5	7.168243	7.411061	6.813718	6.27525	6.043919	6.130125
ENSMUSG Capn1	23.4047	23.23373	25.77332	22.33669	24.18496	24.95232
ENSMUSG Arl2	19.88001	21.1667	21.37101	19.16818	13.33969	18.306808
ENSMUSG Men1	16.51661	17.05534	17.20688	14.52228	15.81272	16.540609
ENSMUSG Epas1	695.0369	606.5093	583.3383	417.2824	416.4873	379.08273
ENSMUSG Sf1	54.91796	52.24506	59.92703	45.57157	47.11256	51.082441
ENSMUSG Map4k2	35.34907	30.90506	37.67042	24.52561	24.32411	23.207698
ENSMUSG Mlst8	4.129181	4.291418	4.694909	4.037223	3.963944	4.319101
ENSMUSG Uqcr10	70.03153	80.36242	81.34782	82.83831	84.81102	96.040192
ENSMUSG Kctd14	1.263918	1.6882	1.701435	2.586197	2.634189	2.328336
ENSMUSG Kcnf1	1.266788	0.807828	0.820976	0.609329	0.636212	0.874663
ENSMUSG Wdcp	2.47473	2.673616	2.2774	2.058986	1.77082	2.159433
Mus_musc Mus_musc	0	0	0.255365	0	0.294598	0.329808
ENSMUSG Tmem145	0	0	0	0	0.019823	0
Mus_musc Mus_musc	1.404841	0.730981	2.423513	1.737967	1.714466	2.803451
ENSMUSG Ankrd39	3.043616	2.960843	2.523059	2.817071	3.298957	2.551015
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Fam243	0	0	0.018932	0	0	0.014861
Mus_musc Mus_musc	0.112667	0	0	0.224742	0.251695	0
ENSMUSG Olfr1273- μ	0	0	0	0	0	0
ENSMUSG Pcyt1a	30.74528	30.18968	25.46084	26.16021	26.57266	28.816429
ENSMUSG Eif4g2	104.9897	110.0411	101.9649	97.56258	97.12039	95.205475
ENSMUSG Mrvi1	1.486706	1.430353	1.313772	2.184765	2.246876	1.85561
ENSMUSG Tmem270	0	0	0	0	0	0
ENSMUSG Rundc3b	0.493781	0.39896	0.437181	0.451675	0.371303	0.422521
ENSMUSG Mblac2	2.358495	2.712754	2.552443	1.817385	2.101976	2.371334
ENSMUSG Olfr986	0	0	0	0	0	0
ENSMUSG Vmn2r74	0	0	0	0	0	0
ENSMUSG Vmn1r193	0	0	0	0	0	0
ENSMUSG Csl	0.028787	0.035565	0.024912	0	0	0.017919
ENSMUSG Slamf9	4.529796	4.533966	4.467866	10.0826	8.367599	9.919966
ENSMUSG Apcs	0	0	0	0	0	0
ENSMUSG Tagln2	311.1781	297.0351	313.6583	244.4401	247.7822	274.32109
ENSMUSG Cfap45	3.774246	5.034865	3.226415	7.727469	6.111969	6.587989
ENSMUSG Dusp23	4.50822	4.444326	3.768175	2.828565	3.508757	2.716421
ENSMUSG Nkap1	0.518597	0.44331	0.472975	0.698919	0.564288	0.587684
ENSMUSG Olfr54	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.076984
ENSMUSG Plp1	0.78758	0.365429	0.445223	0.557924	0.456003	0.496176
ENSMUSG Olfr1290	0	0	0	0	0	0
Mus_musc Mus_musc	0.188031	0.212825	0.24685	0.354911	0.191886	0
Mus_musc Mus_musc	0.336818	0.290922	0.186372	0.012084	0	0.299091
Mus_musc Mus_musc	5.305726	6.422126	6.833431	8.879855	7.449581	9.027319
Mus_musc Mus_musc	4.337452	5.082231	5.203898	6.546229	7.123217	5.732403

ENSMUSG Cp	30.44188	32.42099	25.08183	60.49698	72.75304	63.153505
ENSMUSG Olfr824	0	0	0	0	0	0
ENSMUSG Gm5728	0	0	0	0	0	0
ENSMUSG Atp1a4	0.953325	0.71129	1.010258	0.29327	0.319045	0.362003
Mus_musc Mus_musc	0.133339	0.093768	0.255594	0.554122	0.356968	0.439833
Mus_musc Mus_musc	2.068771	1.705022	1.066801	1.337561	1.096457	1.105117
Mus_musc Mus_musc	0.712632	0.728585	0.29968	0.593566	0.274462	0.326733
Mus_musc Mus_musc	0	0	0	0	0.186714	0
ENSMUSG Leng9	3.595328	3.780623	3.523982	3.332254	2.884019	2.530655
ENSMUSG Rbp1	11.39267	9.69372	12.71912	9.169378	7.892679	7.373979
ENSMUSG Ankrd66	2.085322	1.947874	1.537099	2.483092	2.34301	2.72869
Mus_musc Mus_musc	0.401134	0.173556	0	0	0.08515	0.139031
ENSMUSG Rab34	16.48184	14.56885	14.20191	13.11501	12.26681	12.442012
ENSMUSG Unc119	13.75673	13.76997	13.79176	16.26003	16.67848	19.992653
ENSMUSG Foxn1	0	0	0	0	0	0
ENSMUSG Spag5	0.35144	0.448716	0.40124	1.174464	1.538543	1.435535
ENSMUSG Supt6	21.08882	21.23152	20.35396	19.35537	19.19732	19.463367
ENSMUSG Kcnj11	0.113704	0.737071	0.070112	0.493304	0.198932	0.570153
ENSMUSG Ppp1r15b	24.86314	24.85701	24.21293	23.62576	23.36728	23.118073
Mus_musc Mus_musc	0.309452	0	0	0	0	0.15804
Mus_musc Mus_musc	1.582826	1.11679	2.045461	1.561356	1.880555	0.889843
Mus_musc Mus_musc	5.542171	4.423796	4.588952	5.782974	10.14636	6.586532
Mus_musc Mus_musc	0.208393	0.276906	0.376668	0	0.513696	0
Mus_musc Mus_musc	0.953343	0.716727	1.111296	0.39907	0.577531	0.185567
Mus_musc Mus_musc	0.944252	1.395562	1.751618	1.57279	1.401307	1.614597
ENSMUSG Col20a1	1.206849	1.350232	1.074183	1.345111	1.471434	1.29751
Mus_musc Mus_musc	0.084422	0.182757	0.363723	0.065463	0.07201	0
Mus_musc Mus_musc	0	0	0	0	0	0.239203
Mus_musc Mus_musc	0.581295	0.153019	0.391705	0.466467	0.417244	0.52656
Mus_musc Mus_musc	0.683293	1.111423	0.711792	0.283941	0.262287	0.449365
Mus_musc Mus_musc	0	0.109753	0	0	0.072789	0
Mus_musc Mus_musc	1.823708	1.625155	1.611742	3.398609	3.715418	2.716809
Mus_musc Mus_musc	0	0	0.259149	0	0.310542	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0.13988
Mus_musc Mus_musc	0	0	0	0.287997	0	0.060781
Mus_musc Mus_musc	0.034451	0.068964	0	0.180274	0.266932	0
ENSMUSG Clasp1	8.996011	9.339011	6.571171	6.310335	8.655962	8.569984
ENSMUSG Lrrc51	7.84907	6.963312	8.880922	15.13698	12.86687	11.907898
ENSMUSG 2410137M	0.08995	0.033191	0.049844	0.05715	0	0
ENSMUSG Olfr857	0	0	0	0	0	0
ENSMUSG AK157302	7.5302	8.638151	9.588268	6.963134	6.545731	7.163974
Mus_musc Mus_musc	0.040293	0.031193	0.45287	0.376248	0	0.231417
ENSMUSG Olfr316	0	0	0	0.051637	0	0
ENSMUSG Krtap1-3	0	0	0	0	0	0
Mus_musc Mus_musc	0.302286	0.044509	0.149139	0.182313	0.210502	0.189236
Mus_musc Mus_musc	0	0.140138	0.125057	0.091689	0.21596	0.086796
Mus_musc Mus_musc	0	0	0	0	0	0.140811
Mus_musc Mus_musc	0	0	0.480497	0	0	0.175607
Mus_musc Mus_musc	1.120703	0.520026	0.993835	0.659387	1.073372	1.164212
ENSMUSG Ankrd63	0.149659	0.11993	0.102244	0.10335	0.057071	0.025235
ENSMUSG Gm9611	0	0	0	0	0	0
ENSMUSG Ralgps1	2.020368	2.350727	2.092278	2.410823	2.041277	2.383126
ENSMUSG Dnajc7	35.40737	33.47737	38.76793	39.21584	35.20046	36.836362
ENSMUSG Zfp385c	0	0.01187	0	0	0.032945	0.018485
ENSMUSG Srsx	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.223156
Mus_musc Mus_musc	0.057769	0	0	0.134782	0.27313	0
ENSMUSG Sgca	0.128277	1.124088	0.323366	0.739637	0.346854	0.422859
ENSMUSG Irx2	20.70634	16.78071	15.30631	11.81885	13.55126	15.62799
Mus_musc Mus_musc	0.081528	0.191061	0.084855	0	0.358563	0.378496
ENSMUSG Col1a1	15.63144	14.13158	14.70058	36.61453	35.08716	40.978477
ENSMUSG Itga3	65.64003	53.48534	65.5006	38.07764	37.86389	39.34652
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.087465	0.332827	0.085299	0.094378	0.038257	0.127445

Mus_musc Mus_musc	0	0	0.163487	0	0.348091	0.044561
ENSMUSG Map1s	10.34776	8.527892	10.34323	9.336672	7.800352	8.953448
ENSMUSG Bend4	1.318411	1.712498	1.48159	1.37552	1.593395	1.753663
ENSMUSG Gm5796	0.023181	0.086114	0	0	0	0
ENSMUSG Olfr675	0	0	0	0	0	0
ENSMUSG Amy2a4	0	0	0	0	0	0
ENSMUSG Atad5	0.750474	0.661875	0.697837	0.780105	0.838716	0.979693
ENSMUSG Bnip3l	63.93676	63.74918	61.68911	51.99648	51.71313	51.077289
Mus_musc Mus_musc	0.704233	1.002196	0.765446	0.620437	0.497789	0.497024
Mus_musc Mus_musc	0.376178	0	0	0.088942	0	0
ENSMUSG Tbkbp1	23.00922	19.93225	25.29211	14.02775	14.18294	13.081348
Mus_musc Mus_musc	0.369138	0	0.183253	0.200561	0	0
Mus_musc Mus_musc	1.805478	2.261673	1.913177	3.059818	1.949475	2.178623
ENSMUSG Ebf2	0.063159	0.079675	0.102063	0.059187	0.075947	0.028456
ENSMUSG Ppp2r2a	16.34132	16.42268	15.51977	12.62053	13.93935	13.469111
ENSMUSG Nefl	0.016689	0.06702	0.065975	0.040106	0.051637	0.089423
ENSMUSG Kif19a	2.005323	3.073137	1.118209	4.09348	3.569596	3.527689
ENSMUSG Aldh3a2	47.81916	48.63742	43.65759	37.5208	40.41282	41.902687
ENSMUSG Adamdec1	1.450968	2.091232	1.584555	3.045354	3.258401	2.720443
ENSMUSG Gm6993	0	0	0	0	0	0
ENSMUSG Gm21317	0	0	0	0	0	0
ENSMUSG Pou6f1	7.200372	6.574743	6.980277	5.730765	5.77908	6.223594
ENSMUSG C330021F2	0.756844	0.73615	0.838654	0.828723	0.782418	0.807817
ENSMUSG Tacc1	48.31224	46.71865	46.08555	35.48938	38.7937	33.872177
ENSMUSG Defa37	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.093467	0.316755	0	0	0
ENSMUSG Vmn1r181	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.367675	0	0	0	0
ENSMUSG Gm6763	0	0	0	0	0	0
Mus_musc Mus_musc	0.142414	0	0.368171	0.16405	0.248002	0
ENSMUSG Acaa1b	14.35705	12.20989	12.4757	2.839196	3.495849	2.772006
ENSMUSG Lmntd1	3.569906	2.668545	2.925766	1.827153	1.371283	1.202934
ENSMUSG Zfp647	1.723967	1.933182	1.462921	1.854188	1.687137	1.374778
ENSMUSG Sntb2	10.90799	11.42194	9.46113	7.961681	7.842712	7.599494
ENSMUSG Nkx6-2	0.111241	0.163877	0.074312	0	0	0.174931
ENSMUSG Gtf3c3	4.420545	4.949582	4.047868	3.976831	4.046807	4.228807
ENSMUSG Cftr	6.183836	5.98501	5.208141	9.50614	8.908454	10.666043
ENSMUSG Rnf17	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.08787	0	0	0	0.716347
ENSMUSG Tnfsf11	0.215698	0.108072	0.079104	0.53022	0.583622	0.748195
ENSMUSG Epsti1	3.547422	1.953819	3.450789	3.573333	3.042396	4.477289
ENSMUSG Akap11	14.18353	14.24074	12.49496	10.16156	10.29237	10.148984
ENSMUSG Tsc22d1	146.1259	156.3839	141.3008	81.87935	81.99649	80.998662
ENSMUSG Dnajc15	2.286777	3.588115	2.382933	2.995226	2.380302	2.626117
ENSMUSG Enox1	0.589984	0.290596	0.378799	0.479062	0.385444	0.502088
ENSMUSG Tdrd3	12.96891	13.0211	13.66271	11.50602	12.21816	11.853191
ENSMUSG Rgcc	244.8872	195.7158	184.5746	69.7111	119.1054	75.980843
ENSMUSG Olfr307	0	0	0	0	0	0
ENSMUSG Cdca7	2.259945	3.023099	2.497244	3.263198	3.159907	2.697181
Mus_musc Mus_musc	0	0	0	0.203869	0.05919	0.084394
ENSMUSG Prpsap2	9.812714	10.1755	9.227931	9.287313	9.169017	9.924652
ENSMUSG Myo19	1.609931	1.801354	1.649113	1.860175	2.002163	1.784243
ENSMUSG Znhit3	6.791537	6.749119	5.724191	5.822647	6.402687	5.067793
ENSMUSG Ppm1d	7.876046	7.035247	6.31323	5.918107	6.415245	6.399454
ENSMUSG Gria1	2.664101	3.159436	3.255731	1.501713	1.427987	1.341548
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Mfap3	8.644701	9.002778	9.054369	8.184516	9.042078	8.491085
ENSMUSG Rnft1	9.156406	8.24704	8.145486	8.671431	8.035187	8.262779
ENSMUSG Galnt10	2.7524	3.384273	3.075239	4.032525	4.166985	4.09867
ENSMUSG Olfr907	0	0	0	0	0	0
ENSMUSG Gm21103	0	0	0	0	0	0
ENSMUSG Gm20777	0	0	0	0	0	0
ENSMUSG Gm21973	0	0	0	0	0.060336	0
ENSMUSG Cldn34a	0	0	0	0	0	0

ENSMUSG Cphx3	0.026669	0	0	0.011194	0	0
ENSMUSG Defa32	0	0	0	0	0	0
ENSMUSG Olfr53	0	0	0	0	0	0
ENSMUSG Atp6v1c2	24.82944	23.31881	19.93931	20.70366	19.77781	24.041864
ENSMUSG Pard3b	6.136442	6.202692	4.516445	4.013507	3.728719	3.997634
ENSMUSG Lypd8	0.045041	0.532051	0.160205	1.255209	0.276537	0.224798
ENSMUSG Sh3bp5l	14.74904	15.71814	15.50962	13.96562	13.28406	13.231307
ENSMUSG Pde8a	9.119252	9.007401	8.411795	7.90238	8.352396	7.051236
ENSMUSG Ldoc1	0	0	0	0.069177	0	0.021966
ENSMUSG Gnai1	11.5248	10.49608	12.05369	8.441255	8.634077	7.541237
ENSMUSG Stil	0.092545	0.078563	0.116757	0.517575	0.687298	0.676593
ENSMUSG Cmpk1	17.24824	17.95493	18.46829	21.20024	20.20297	20.128246
ENSMUSG Atpaf1	5.059854	3.993321	4.662753	3.434649	4.908557	5.262247
ENSMUSG Nptx1	0.227931	0.202196	0.237132	0.23479	0.258013	0.401206
ENSMUSG Cyp4a31	0	0	0	0	0	0
ENSMUSG Cyp4b1	514.7122	533.9702	453.8396	234.4587	281.4464	213.30123
ENSMUSG Cyp4a14	0	0	0	0	0	0
ENSMUSG Pdzk1ip1	11.39008	12.88684	12.30621	15.60007	13.21867	15.839961
ENSMUSG Pla2g2e	0	0.160091	0.173684	0.247576	0.456675	0.533516
Mus_musc Mus_musc	0	0.032072	0.09032	0.196081	0.25478	0.104733
Mus_musc Mus_musc	0	0.1572	0	0.111379	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.084119	0.089326	0.06813	1.984882	3.09032	2.56428
Mus_musc Mus_musc	0	0.071846	0.695113	0	0	0
ENSMUSG Polg	11.8263	11.56836	12.49955	10.66268	10.62508	12.312044
ENSMUSG 1700003Hi	0	0	0	0	0	0
ENSMUSG Mogat2	0.081128	0.103942	0	0	0	0.054118
ENSMUSG Acot4	0.091876	0.066172	0.062994	0.021124	0.031572	0.038453
ENSMUSG Tbc1d19	9.840221	9.569194	9.457493	9.570376	7.324603	7.377441
ENSMUSG Tekt5	1.940253	1.576389	2.339401	1.805136	1.792006	1.971002
Mus_musc Mus_musc	28.37611	28.77362	23.47265	14.62153	13.36275	8.282292
ENSMUSG Gm10217	0	0	0	0	0	0
ENSMUSG Syngap1	3.248253	2.786323	2.624375	2.950323	3.087008	3.768195
ENSMUSG Ccdc172	0	0	0	0	0	0
ENSMUSG Pnliprp2	0	0.055737	0	0	0.051588	0.11425
ENSMUSG Hspa12a	4.044365	5.272489	3.810581	2.591636	2.91384	2.102753
ENSMUSG Olfr1238	0	0	0	0	0	0
ENSMUSG Psm6	34.38542	34.98281	33.85337	33.58562	32.14702	34.345291
Mus_musc Mus_musc	0	0	0	0.263179	0.115599	0
ENSMUSG Mrps30	4.528021	3.718635	4.303381	3.875487	4.66309	4.657849
ENSMUSG Hcn1	0.039864	0.040757	0.034836	0.019308	0.027698	0.06084
ENSMUSG Slc4a7	2.517878	2.701132	1.971864	3.425197	3.193584	3.525987
ENSMUSG Fgf10	3.273777	3.122343	2.830112	1.759027	1.933496	1.816567
ENSMUSG Atxn7	11.34439	10.76631	11.34031	8.565506	8.828974	8.536237
ENSMUSG Pawr	13.14776	12.95113	12.20092	8.157583	9.339753	9.140018
ENSMUSG Zhx3	6.51213	8.455952	5.551943	5.826884	6.233585	5.318129
ENSMUSG Pcdha1	0.056157	0.085814	0.460613	0.177943	0	0.062531
ENSMUSG Ai182371	0.845376	0.716768	0.927544	1.300866	1.439225	1.602488
ENSMUSG Gm3435	7.731647	7.12248	6.589128	6.193615	4.682244	5.510079
ENSMUSG Hykk	3.299823	3.085098	2.607138	2.438933	1.944121	2.162116
ENSMUSG 4931428L1	0	0.058489	0.093547	0.080948	0.048158	0
ENSMUSG Fbxo31	12.47081	10.83672	10.36169	7.109366	7.295776	7.064344
ENSMUSG Iqcb1	4.038934	3.887456	3.31641	4.180216	4.105915	3.275866
ENSMUSG Mylk	38.69979	34.97481	38.32756	36.63863	36.32449	33.814289
ENSMUSG Ccdc14	1.197508	1.41982	0.960897	1.023587	1.120213	0.967701
ENSMUSG Ropn1	0	0	0	0	0	0
ENSMUSG Hcls1	17.88607	16.14675	24.36049	30.65265	27.99468	31.417458
Mus_musc Mus_musc	0.185109	0.050987	0.536382	0.392773	0.091089	0.194251
ENSMUSG Eaf2	0.786526	0.247974	0.590802	11.93458	10.38448	10.57724
ENSMUSG Myl6b	1.025376	0.915814	0.705053	0.791157	0.674167	0.861523
ENSMUSG Trub2	5.197498	4.456612	4.392768	4.230124	4.969005	5.046425
ENSMUSG Wdr70	7.937324	10.98441	9.55867	10.15399	10.26235	10.080618
ENSMUSG Coa6	14.78867	13.96587	12.40244	16.76546	13.97731	16.595762
Mus_musc Mus_musc	0.255743	0.130347	0.274549	0.2043	0.046736	0.221911

ENSMUSG Ccnd1	42.9016	38.13934	45.4176	31.55909	29.166	35.458775
ENSMUSG Hnrnph3	23.99061	27.18144	28.20984	20.89493	18.12567	18.590648
Mus_musc Mus_musc	0.134155	0.806071	0.463343	0.553826	0.296203	0
ENSMUSG Slc5a8	0	0.190857	0	0.055035	0	0.030231
ENSMUSG Sirt1	10.25184	9.379642	10.40619	7.486023	7.721753	6.325558
ENSMUSG Mybpc1	0	0	0	0	0	0
ENSMUSG Sox11	0.248122	0.302176	0.268151	0.252806	0.277893	0.095429
ENSMUSG Mypn	0.146764	0.274556	0.053264	0.188313	0.094948	0.068078
ENSMUSG Herc4	13.8876	13.91716	13.50874	13.08122	12.63397	13.459296
ENSMUSG Hsf5	0	0	0.018534	0.062023	0	0
ENSMUSG Cabp7	0	0.021988	0.011844	0	0	0.012997
ENSMUSG Edaradd	0.139247	0.11837	0.081554	0.143665	0.208027	0.158166
Mus_musc Mus_musc	1.022697	0.786385	1.232092	0.931902	0.878707	0.870705
ENSMUSG Pdilt	0	0	0	0	0.050541	0
ENSMUSG Umod	0	0	0	0.059663	0.084278	0
ENSMUSG Eef1akmt2	5.092131	7.876858	6.18997	6.459338	6.607888	5.44052
ENSMUSG Trim21	6.867371	8.062546	11.83288	8.944188	6.665979	6.70275
ENSMUSG Zranb1	13.01622	13.05587	12.53342	8.983399	9.559166	8.704738
ENSMUSG Abraxas2	11.5355	11.70978	12.44304	11.44368	11.57903	11.724004
ENSMUSG Sars2	2.50878	2.414521	1.938156	3.270438	2.655951	3.449768
ENSMUSG Slitrk3	0.012243	0	0	0	0	0
ENSMUSG Angptl2	27.57473	23.60168	28.47988	12.32362	11.38132	10.915917
ENSMUSG Utp3	19.07059	19.48976	21.05874	18.7023	18.39155	19.102566
ENSMUSG 5830473C:	0	0.023601	0	0	0	0
ENSMUSG Runx3	1.580805	1.352259	2.32841	3.672328	3.333297	4.070603
ENSMUSG Ppan	6.797675	7.06279	7.179584	7.589448	7.820677	8.556444
ENSMUSG Olfr1437	0	0	0	0	0	0
ENSMUSG Zfp994	1.514805	1.620362	1.58792	1.901542	1.718348	1.682369
ENSMUSG Fuk	4.286004	4.131969	4.004052	3.53237	3.725167	3.395182
ENSMUSG Acbd6	4.159662	4.854402	3.332423	3.198616	3.610321	4.146151
ENSMUSG Lrrc24	0.326194	0.418366	0.343341	0.312781	0.243758	0.2423
ENSMUSG Smyd5	5.53179	5.118073	6.305647	6.260702	6.239625	6.644633
ENSMUSG Stard9	10.05822	9.969428	9.549108	7.098898	7.333165	6.844982
ENSMUSG Acp7	0	0	0	0.037742	0	0
ENSMUSG Tedc1	0.759829	0.686123	0.882953	1.432559	2.024458	2.079897
ENSMUSG Klf10	16.16279	16.92242	17.16065	13.70382	14.32035	15.4628
ENSMUSG Fbxo27	0.274688	0.490185	0.396092	0.688882	0.845263	0.580273
ENSMUSG Ints7	4.357269	3.619125	4.160075	4.123909	4.349928	4.385386
ENSMUSG Lgals9	53.08845	47.2311	68.90792	40.30782	41.65042	45.040249
ENSMUSG Lelp1	0	0	0	0	0	0.211696
ENSMUSG Sprr2j-ps	0	0	0	0	0	0
ENSMUSG Lce1b	0	0	0	0	0	0
ENSMUSG Tbc1d9	4.127914	5.106748	4.458632	7.971216	8.538142	8.070946
ENSMUSG Tecr	72.99303	68.56514	72.99269	65.26337	61.23284	67.691413
ENSMUSG Rfx1	7.141835	6.721774	7.226577	7.126231	6.589796	6.95752
ENSMUSG Dnaja2	47.25942	50.2704	45.53472	40.33617	41.00011	39.676773
ENSMUSG Gpt2	3.614926	2.961155	2.646288	3.733054	4.216071	4.719242
ENSMUSG Itfg1	24.81219	26.68141	24.34543	25.76887	26.80831	25.814821
ENSMUSG Ncstn	33.42309	26.42024	33.20721	29.46962	29.67418	31.799183
ENSMUSG Fmnl3	25.58862	23.28663	23.66392	17.3893	17.84539	18.509519
ENSMUSG Tuba1b	195.3375	176.7152	226.4508	186.9089	195.0293	224.47018
ENSMUSG Prpf40b	11.14741	10.39133	10.79105	8.507832	6.080426	8.306115
ENSMUSG BC100530	0.201397	0.303383	0.256543	0.251325	0.236457	0
ENSMUSG Dhh	1.611334	1.416404	2.099715	1.297618	1.467805	1.286106
ENSMUSG Bicd1	0.852023	1.03507	0.879207	0.931811	1.062346	1.161515
ENSMUSG Stfa1	0	0	0	0	0	0
ENSMUSG Ndufb3	26.0373	31.01444	34.50571	31.93618	30.95154	29.206556
ENSMUSG Cflar	43.94306	46.69577	45.77614	36.63459	36.16612	33.595212
ENSMUSG Orc2	7.126884	6.974021	6.42067	6.746768	6.625014	6.32383
ENSMUSG Nif3l1	4.41761	4.464838	4.721083	4.240053	3.900099	4.364392
ENSMUSG Ppil3	8.617389	10.54557	11.28476	11.55984	9.674907	10.342017
ENSMUSG Clk1	64.33821	63.60948	70.51771	42.80332	44.65914	47.271982
ENSMUSG Sgo2a	0.317548	0.245883	0.278596	0.875199	1.101251	1.238717
ENSMUSG Nipsnap1	5.300661	5.841771	6.075172	6.101678	4.810248	6.362736

ENSMUSG Mmp14	13.78469	13.15764	13.68268	25.3899	25.46428	33.573335
ENSMUSG Evpl	3.418632	2.837089	2.59955	1.98464	2.12655	2.101338
ENSMUSG Fbxo36	4.983772	7.372934	4.276653	6.857511	6.248496	5.859413
Mus_musc Mus_musc	0.142504	0.242417	0.226705	0.183421	0.184598	0
ENSMUSG Gm10553	0.023517	0	0.110585	0	0.087914	0
ENSMUSG Rab18	21.39275	21.64475	20.90567	18.7088	18.46534	16.126363
ENSMUSG Polr1a	3.590764	3.105685	2.848994	3.272514	3.112217	3.765206
ENSMUSG Fzd9	0.049201	0.080755	0	0.031798	0	0
ENSMUSG Clip1	35.42933	38.40071	35.32036	24.89929	24.16723	22.844232
ENSMUSG Lingo1	0.577204	1.096862	0.89909	0.583661	0.363605	0.823553
ENSMUSG Tmie	2.834866	2.391849	1.63938	1.588689	1.52552	1.780533
ENSMUSG Pcgf1	5.767661	4.235325	5.149084	5.281673	4.01675	3.522456
ENSMUSG Nkain2	0.103167	0.105554	0	0	0	0.014696
ENSMUSG Gm10272	0	0	0	0	0	0
ENSMUSG Krtap10-4	0	0	0	0	0	0
ENSMUSG Krtap12-1	0	0	0	0	0	0
ENSMUSG Tspear	0.01599	0	0.014849	0.010458	0	0.008358
Mus_musc Mus_musc	0.131433	0.17263	0	0.421832	0.094889	0.486588
ENSMUSG Gm11733	0	0	0	0	0	0
ENSMUSG Usp27x	1.359806	1.102454	0.935208	0.830541	0.768683	0.688407
ENSMUSG Plekha4	1.513675	1.767643	1.126832	1.03281	0.896492	1.380706
ENSMUSG C87977	0	0	0	0	0	0
ENSMUSG Mtss1	14.63922	14.61207	13.89053	16.02712	14.4438	17.887736
ENSMUSG Washc5	14.96432	14.43996	13.35197	14.75045	14.57903	14.692656
ENSMUSG Sqle	13.50452	13.24738	12.94457	18.89823	16.11904	22.250708
ENSMUSG Kih138	1.100902	1.306955	0.965731	0.738467	0.93017	0.662762
ENSMUSG Ndufb9	48.4866	60.84	63.07881	61.51314	54.46789	58.250145
ENSMUSG Fbxo32	3.692125	3.460456	2.530684	6.260444	6.575406	6.339455
ENSMUSG Wdyhv1	8.271109	7.301366	8.233125	11.39907	11.63843	12.410329
ENSMUSG Mgst1	211.0397	206.7625	156.5839	169.6903	160.8114	169.73755
ENSMUSG Ano8	4.746015	5.228378	5.969575	5.497363	5.542648	5.529387
ENSMUSG Ankrd27	10.10183	10.49784	10.8213	8.762158	10.24334	10.107148
Mus_musc Mus_musc	0	0.302591	0	0	0.074871	0
ENSMUSG Whamm	6.137682	5.399753	5.733103	5.600335	5.399369	5.051014
ENSMUSG Lkaaeear1	0	0	0	0	0	0
ENSMUSG 4930402K	0	0	0	0	0	0
ENSMUSG Ccdc149	3.549828	4.231727	3.352626	3.311694	2.689758	2.84421
ENSMUSG Olfr578	0	0	0	0	0	0
ENSMUSG Aqp9	0.58824	0.45491	0.237305	2.183704	2.207964	2.442424
ENSMUSG Pcdha11	0	0.012967	0.003729	0	0	0
ENSMUSG Cldn34c4	0	0	0	0	0	0
Mus_musc Mus_musc	0.102386	0	0	0.135826	0	0
Mus_musc Mus_musc	0	0.179148	0.259693	0.069326	0	0.16788
Mus_musc Mus_musc	0	0.392648	0.413585	0.191484	0.309801	0.328934
Mus_musc Mus_musc	0	0.177888	0.366954	0.180411	0.476301	0
ENSMUSG Rnf224	0	0	0	0	0	0
ENSMUSG Gm14435	0.781935	0.664234	0.897944	0.652316	0.925584	1.483028
Mus_musc Mus_musc	0	0.154136	0.038971	0	0.104531	0
ENSMUSG Ccdc159	1.660668	1.300202	1.11403	1.316625	1.102852	1.13588
ENSMUSG Fbxo38	15.18548	15.05852	15.02907	13.82006	14.59229	14.148096
ENSMUSG Abhd14a	3.337664	5.074245	3.552697	3.210975	3.255232	3.700048
ENSMUSG Zfand4	0.854967	0.933137	0.981598	1.245174	1.167703	1.583685
ENSMUSG Sprr2d	0	0	0	0	0	0
ENSMUSG Bag2	2.269216	2.795403	2.1137	2.623808	2.69921	2.291237
ENSMUSG Sgsm1	2.128525	1.708034	1.775886	2.004554	2.264434	2.57739
ENSMUSG Olfr631	0	0	0	0	0	0
ENSMUSG Med26	4.54563	4.102248	4.132425	3.407976	4.752588	4.596237
ENSMUSG Zfp949	4.22213	4.249816	4.028757	3.820438	3.179634	3.661949
ENSMUSG Nt5e	29.05966	19.36854	25.36302	18.13961	18.26886	20.081465
ENSMUSG Syncrip	23.3536	26.74369	25.3526	24.1281	26.98991	24.657632
ENSMUSG Snx14	16.1481	14.63499	13.7329	13.40968	14.09522	13.18708
ENSMUSG Magix	4.737075	6.9585	4.022682	3.670099	4.568328	3.355017
ENSMUSG Mndal	17.37097	14.86473	21.43044	20.32003	11.57911	12.71978
ENSMUSG Gm14692	0	0	0	0	0	0

ENSMUSG Syp	2.39292	2.569508	2.51396	1.691133	2.249171	1.577277
ENSMUSG Afap1	6.461556	7.025571	6.380978	5.584911	5.763877	6.20907
ENSMUSG Gm1140	0	0	0	0	0	0
ENSMUSG Gm6760	0	0	0	0	0	0
ENSMUSG 2900011O	0	0	0	0.020207	0.04679	0.105172
ENSMUSG Nfam1	5.86746	5.859867	6.887521	6.918588	6.805858	7.939508
ENSMUSG Hspb8	19.98357	23.60562	23.45422	12.58096	11.69197	12.918799
ENSMUSG Disp3	0	0.015162	0.067101	0.03546	0	0
ENSMUSG Zfp729b	3.673208	3.575667	3.037647	3.156954	3.157649	3.063137
ENSMUSG Sox5	1.995212	2.013501	1.717855	0.9751	1.103661	1.190394
ENSMUSG Defb19	0	0	0	0	0	0
ENSMUSG Pih1d2	2.82273	3.246859	1.234572	3.517975	3.26698	2.866994
ENSMUSG BC048562	0	0	0	0	0	0
ENSMUSG Tmem150c	0.69557	0.857765	0.615631	0.822514	0.755729	0.782075
ENSMUSG C330018D	3.228689	3.663344	2.986892	4.175239	3.719097	3.856414
ENSMUSG Megf10	0.101848	0.063416	0.096047	0.123229	0.04594	0.113615
ENSMUSG Lmnb1	5.898883	5.864919	6.388764	8.263901	9.155149	11.954614
ENSMUSG Dlat	11.63465	13.15968	10.92282	10.57376	10.42028	10.849544
ENSMUSG Prrc1	11.7203	10.98538	11.82157	11.78515	11.88551	12.443524
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0.474468	0	0.215591
Mus_musc Mus_musc	0	0.167514	0	0	0	0
Mus_musc Mus_musc	0.311316	0.342101	0.077296	0.260203	0	0.284967
Mus_musc Mus_musc	1.168042	0.915215	0.797307	0.671913	0.62815	0.707511
ENSMUSG Olfr1233	0	0	0	0	0	0
ENSMUSG Olfr1234	0	0	0	0	0	0
ENSMUSG Olfr1231	0	0	0	0	0	0
ENSMUSG Olfr1232	0	0	0	0	0	0
ENSMUSG Olfr1229	0	0	0	0	0	0
ENSMUSG Olfr1230	0	0	0	0	0	0
ENSMUSG Olfr1226	0	0	0	0	0	0
ENSMUSG Olfr1224-p	0	0	0	0	0	0
ENSMUSG Dtnbp1	17.19494	18.0266	20.01578	19.82605	21.11171	24.717993
ENSMUSG Card11	7.274898	7.165011	7.241878	6.882274	6.185689	7.422051
ENSMUSG Whrn	1.109542	1.656643	1.443659	2.249273	1.484742	2.377574
ENSMUSG Wipi1	12.16003	11.39565	10.70146	13.85948	15.27229	13.440397
ENSMUSG Git2	33.72597	30.70032	29.78588	25.25256	26.05485	25.164729
ENSMUSG Lman1	30.62873	29.48967	30.50451	37.03793	38.4968	37.39498
ENSMUSG Scgb2b2	0	0	0	0	0	0
ENSMUSG Olfr409-ps	0	0	0	0	0	0
ENSMUSG Inhbe	0	0	0	0	0	0.010411
ENSMUSG Dlgap2	0	0	0	0	0.065796	0
ENSMUSG Rnf152	0.194054	0.255722	0.169672	0.207231	0.22422	0.24661
ENSMUSG Adamts12	0.239034	0.193844	0.226948	0.672353	0.46622	0.559622
ENSMUSG Ctsll3	0	0	0	0	0	0
ENSMUSG Olfr77	0	0.031809	0.042965	0.043427	0	0.041298
ENSMUSG Fam71e1	0.900325	0.849573	1.091003	1.291689	1.088558	0.524832
ENSMUSG Sv2c	0.094129	0.132013	0.040336	0.071224	0.053191	0.146361
ENSMUSG Nbeal2	9.135538	8.724347	10.48932	9.628503	8.367906	9.559442
ENSMUSG 4931428FC	0.727663	0.887086	0.625976	1.167282	0.962182	1.013153
ENSMUSG Fmr1	12.86343	15.59199	13.32717	11.89316	11.35632	11.943838
ENSMUSG Adamtsl1	2.096608	2.876492	2.014933	2.12719	1.614531	1.963437
ENSMUSG Hddc2	4.142828	2.451953	2.878019	4.430212	3.285686	4.599719
Mus_musc Mus_musc	1.227378	1.08485	0.571562	0.957254	0.822226	0.625255
Mus_musc Mus_musc	0	0	0	0	0.047057	0
Mus_musc Mus_musc	0.27204	0.04812	0.157539	0.068615	0.282418	0.150804
Mus_musc Mus_musc	0	0	0	0	0.04798	0
Mus_musc Mus_musc	0.537565	0.314499	0.48219	0.330667	0.653851	0.61642
Mus_musc Mus_musc	0	0	0	0	0.140992	0.112238
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Phex	0.502961	0.48934	0.29619	0.863244	0.482268	0.51847
ENSMUSG Tead1	29.10734	32.5491	24.22392	16.18553	18.9157	16.077171
ENSMUSG Itgb2	50.24309	42.18738	61.64397	134.1458	124.7286	148.77163
Mus_musc Mus_musc	0	0.158921	0	0	0	0

Mus_musc	Mus_musc	0.553455	0.979573	0.70064	0.500025	0.259537	0.252547
Mus_musc	Mus_musc	0.190492	0.25197	0.428947	0	0.337164	0.261964
Mus_musc	Mus_musc	0	0	0.234717	0.29013	0	0
Mus_musc	Mus_musc	0.361824	0.254086	0.258161	0.41257	0	0
Mus_musc	Mus_musc	0.418517	0.662863	0.311722	0.237845	0.295234	0.283724
Mus_musc	Mus_musc	0.308606	0.608015	0	0	0.074406	0
ENSMUSG	Olf1021-1	0	0	0	0	0	0
ENSMUSG	Gm28038	0	0	0	0	0	0
Mus_musc	Mus_musc	10.66549	11.8674	11.2859	4.976079	5.81673	3.707014
Mus_musc	Mus_musc	0	0	0.337872	0	0	0
Mus_musc	Mus_musc	0	0	0.179537	0.562734	0.270402	0
Mus_musc	Mus_musc	0.470659	0.544267	0.331328	0.548099	0.539654	0.279242
Mus_musc	Mus_musc	0	0	0	0	0.373385	0
Mus_musc	Mus_musc	1.008439	0.642017	0.833274	1.153651	0.861579	1.065457
ENSMUSG	Scn3a	1.735545	1.444425	1.352236	1.546746	1.354653	1.328634
ENSMUSG	5730455P1	5.041092	4.79033	4.221702	3.941329	4.239967	3.779215
ENSMUSG	Gm12569	0	0	0	0	0	0
ENSMUSG	Olf954	0	0	0	0	0	0
ENSMUSG	Gm20916	0	0	0	0	0	0
ENSMUSG	Olf1307	0	0	0	0	0	0
ENSMUSG	Smim20	13.03408	11.53008	10.76722	14.42586	14.72006	16.601541
ENSMUSG	Obscn	0.097442	0.540206	0.073991	0.189451	0.230061	0.189701
ENSMUSG	Gm8677	0	0	0	0	0	0
Mus_musc	Mus_musc	1.763683	1.989635	1.775274	1.897124	1.606058	1.449896
Mus_musc	Mus_musc	0	0.290248	0	0	0.291469	0
Mus_musc	Mus_musc	0.487332	0.464084	0.434678	1.193347	0.621609	0
ENSMUSG	Gm21677	0	0	0.012863	0	0	0
ENSMUSG	Gm379	0.21577	0.070378	0.225248	0.169313	0.296017	0.347009
ENSMUSG	Gm8660	0	0	0	0	0	0
ENSMUSG	Zfp853	0.663292	0.737492	0.664931	0.391023	0.443106	0.417638
Mus_musc	Mus_musc	0.444842	0.808916	0.375565	1.147442	0.746525	0.791149
Mus_musc	Mus_musc	0.480273	0.26922	0	0.265097	0	0
ENSMUSG	Mapkapk2	51.97674	53.31862	57.22596	49.64358	46.68627	50.833803
ENSMUSG	Il10	0	0	0.117224	0.488972	0.340607	0.318459
Mus_musc	Mus_musc	0	0	0	0.196616	0.421444	0.407597
Mus_musc	Mus_musc	0.331389	0.095248	0.162355	0.287469	0.18858	0.263349
ENSMUSG	Il19	0	0	0	0	0.095402	0
Mus_musc	Mus_musc	3.117811	3.159157	2.972666	2.449854	4.630195	4.559442
Mus_musc	Mus_musc	0	0	0	0	0	0.152803
Mus_musc	Mus_musc	0.458424	0	0	0.123202	0	0
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0	0	0	0	0	0
ENSMUSG	Cyp2j12	0	0	0	0	0	0
ENSMUSG	Zfp472	3.542238	2.808742	3.711494	3.029536	3.225786	3.032794
ENSMUSG	4930442H	0.061544	0.080239	0	0.17422	0	0
ENSMUSG	Rpia	8.39531	10.35749	9.579961	14.41845	13.0104	13.595851
ENSMUSG	Pate1	0	0	0	0	0	0
ENSMUSG	Krtap11-1	0	0	0	0	0	0
ENSMUSG	Hoxc9	0	0	0	0.02199	0	0
ENSMUSG	Acaa1a	40.86499	41.85163	35.78675	40.82452	42.23059	46.33469
ENSMUSG	Gm28035	0.33201	1.690859	2.78616	1.032694	1.202875	1.250718
ENSMUSG	Frmd7	0.05324	0	0.023197	0	0	0
ENSMUSG	0610012G1	11.17792	6.33832	6.431148	6.415356	12.2704	12.028191
ENSMUSG	Gm20890	0	0	0	0	0	0
ENSMUSG	Al593442	0.045268	0.045417	0.014708	0.057167	0.055108	0.008797
ENSMUSG	Foxd1	0	0	0	0.009312	0.023373	0.001637
ENSMUSG	Scgb2b18	0	0	0	0	0	0
ENSMUSG	Spats2	5.398403	6.132488	5.606869	5.666996	5.627233	5.536841
ENSMUSG	Prss58	0	0	0	0	0	0
ENSMUSG	Vmn2r26	0	0	0	0	0.016889	0.004989
ENSMUSG	Ldah	12.36766	14.59598	13.39821	13.30442	13.23909	14.174637
ENSMUSG	Tnfsf12	22.92068	20.54185	25.44192	18.82312	19.17337	20.068103
ENSMUSG	E030030I0	0	0	0.070776	0.113705	0.330335	0
ENSMUSG	Gdf7	0	0.026242	0.035615	0.019199	0.071896	0.034041

ENSMUSG Gpr160	1.431177	1.612665	1.930831	4.35088	4.156389	4.394361
ENSMUSG Prrt1	0.870873	0.793659	1.004299	1.082165	0.775254	0.618353
ENSMUSG Olfr29-ps1	0	0	0	0	0	0
ENSMUSG Dock3	0.013569	0	0.005592	0	0.04091	0.026725
ENSMUSG Raly1	0	0.03446	0.0279	0	0.094692	0.018839
ENSMUSG Cplx3	0	0	0.013945	0.036763	0	0
ENSMUSG Wdr34	5.809643	7.163558	4.820175	6.526854	5.654545	6.5824
ENSMUSG Plekhg5	12.98213	10.87133	12.09963	8.541867	7.545097	7.674483
ENSMUSG Slc7a12	0	0	0	0	0	0
Mus_musc Mus_musc	0.273989	0.329903	0.603903	0.51959	0.122176	0.19847
ENSMUSG Olfr111	0.031706	0	0	0.680405	0.322811	0.49153
ENSMUSG Gm340	1.650633	1.509036	1.265413	1.571559	1.970358	1.8673
Mus_musc Mus_musc	1.028143	1.034084	0.555569	0.740519	0.528599	0.881194
Mus_musc Mus_musc	0.270237	0.045983	0.136262	0.181495	0.158341	0.14566
ENSMUSG Leng1	6.493639	6.393453	7.160735	5.451984	5.297546	5.140786
ENSMUSG Kcnk5	2.594357	3.285168	3.637954	2.750143	2.578523	3.068558
ENSMUSG Guca2a	0	0.284719	0.170643	0.997517	0.537448	2.377057
ENSMUSG Gp6	0.290174	0.224193	0.263727	0.108981	0.118502	0.071271
ENSMUSG Eps8	9.314681	9.881859	8.075458	15.87236	16.16426	18.610489
ENSMUSG Unc93a	0.024637	0	0	0.026717	0	0
Mus_musc Mus_musc	1.584508	1.103344	3.333431	1.843984	1.15522	1.107484
ENSMUSG Parp3	13.4716	15.57398	18.45251	14.34746	14.32958	15.470983
ENSMUSG Gm4214	0	0	0	0	0	0
ENSMUSG Gipc1	34.37045	31.40061	32.07961	37.03783	37.08992	39.659504
ENSMUSG Ddx39b	77.00225	64.47952	74.26706	55.09509	53.28653	53.506802
ENSMUSG Vmn1r16	0	0	0	0	0	0
ENSMUSG Vmn1r217	0	0	0	0	0	0
ENSMUSG Vmn1r19	0	0	0	0	0	0
ENSMUSG AC140267	0.035111	0.007561	0.006806	0.030365	0.007475	0.079533
ENSMUSG Srp54b	16.83573	15.10583	15.85685	18.89948	16.33924	16.839801
ENSMUSG Ank1	0.467866	1.681117	0.537807	0.628895	0.865809	0.446913
ENSMUSG Ndufaf6	2.37646	2.248394	2.148315	2.11264	1.839834	2.170827
ENSMUSG Pparg	7.145613	6.022412	5.955275	5.514006	5.871791	6.075838
ENSMUSG Kat6a	23.69504	25.61874	21.325	18.31467	19.79705	19.594988
Mus_musc Mus_musc	0.030999	0	0	0	0	0
ENSMUSG Gins4	12.87528	15.35126	14.6513	13.67323	14.85014	13.864828
ENSMUSG Gpat4	12.7141	13.00066	12.8057	10.94373	11.74675	11.570972
ENSMUSG Sugct	0.547855	1.094818	0.52363	1.214221	1.306202	0.859118
ENSMUSG Hoxc12	0	0	0	0	0	0
ENSMUSG Sfrp1	2.938142	2.753319	1.731209	3.420818	4.488623	5.390354
Mus_musc Mus_musc	0.345108	0.818299	0.136734	0.124006	0.216439	0.206887
ENSMUSG Tgjf2	4.216308	3.820339	3.951569	3.453327	3.211173	3.899153
ENSMUSG Fmr1nb	0	0	0	0	0	0
ENSMUSG Rftn2	7.6558	8.679901	7.026395	5.725529	5.686262	5.769946
ENSMUSG Boll	0.052295	0.189786	0	0.028727	0.057106	0
ENSMUSG Gm10352	0	0	0	0	0	0
ENSMUSG Olfr457	0.022271	0.078136	0.087767	0	0.019076	0.025094
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Rtn1	3.998784	3.744865	3.003753	2.925936	2.64015	2.825983
ENSMUSG Ccdc175	0	0.007661	0	0	0	0
ENSMUSG Serpina1f	0	0	0	0	0	0
ENSMUSG Drosha	12.33451	12.45828	10.61133	10.24814	10.26693	10.401859
ENSMUSG Psmb5	30.01817	35.21822	33.24356	35.54643	36.83995	34.757036
ENSMUSG Pabpn1	30.35411	29.18448	40.23798	32.42315	30.3189	26.254216
ENSMUSG 6030458C:	6.99645	8.194035	9.134891	8.025239	7.141968	8.052544
ENSMUSG Pdzd2	92.20319	94.19688	78.95426	58.33136	63.888	49.180658
ENSMUSG Slc22a17	5.87578	4.489051	4.794071	4.858437	4.263341	3.639103
ENSMUSG Gm9573	0	0	0	0	0	0
Mus_musc Mus_musc	0.624866	0.766608	0.339494	0.719481	0.275707	0.537234
Mus_musc Mus_musc	1.23663	0.914869	0.760445	1.209008	0.377202	0.702567
Mus_musc Mus_musc	0.91389	1.278325	0.5886	0.536597	0.335891	0.365202
Mus_musc Mus_musc	0.31918	0.33061	0.361227	0.337875	0.26367	0.339777
Mus_musc Mus_musc	0	0.053061	0.301404	0	0	0.107604
Mus_musc Mus_musc	0	0	0	0	0.254189	0

ENSMUSG St6galnac2	1.3282	1.170852	1.93871	1.202855	0.94213	1.151304
ENSMUSG Olfr484	0	0	0	0	0	0
ENSMUSG Gm10273	0.244921	5.792395	2.9255	1.412522	1.990623	0.526549
ENSMUSG Zfp945	4.329035	4.654615	4.293958	4.675901	3.610587	3.471337
ENSMUSG Hyal5	0	0	0.068475	0.050439	0.054114	0.062018
ENSMUSG Hyal6	0	0	0	0	0	0
ENSMUSG Ing3	6.293948	6.611869	7.965388	5.097253	5.22678	5.777284
ENSMUSG Wnt16	0.012306	0.036988	0	0	0.174907	0
ENSMUSG Fam3c	24.99691	24.2785	23.96447	21.64008	20.09034	21.371345
ENSMUSG Aut2	3.486573	2.488899	1.849729	1.751365	1.696667	1.275578
ENSMUSG Limk1	7.571328	7.678793	9.881697	9.181132	10.26422	10.09455
ENSMUSG Eln	42.66411	31.58182	36.82903	48.54892	43.98816	59.664989
ENSMUSG Pot1a	5.104538	4.595537	4.550295	4.628151	4.984689	4.472042
ENSMUSG Cldn16	0	0	0	0	0	0
ENSMUSG Snrk	74.08393	73.7766	53.19212	38.7325	39.06029	37.419926
ENSMUSG Notch3	21.0974	18.79437	24.40644	13.79908	14.21393	13.044098
ENSMUSG Cd84	12.86269	12.00831	13.72692	34.37734	34.21249	42.427065
ENSMUSG Tmem181a	3.292804	3.697132	4.109533	3.699611	3.79355	3.450158
ENSMUSG Stox2	2.186767	2.736283	2.237034	2.366768	2.495236	2.174752
ENSMUSG Tmprss11a	0	0	0	0	0	0
ENSMUSG Serpina1e	0.465364	0.130502	0.498316	0.230806	0.111779	0.23377
ENSMUSG Hormad1	0	0	0	0	0	0
ENSMUSG Ecm1	37.08051	35.84784	41.76654	37.93929	34.12859	37.404095
ENSMUSG Pmel	0.3215	0.494734	0.424496	0.484846	0.526579	0.540061
ENSMUSG Cdk2	8.087346	7.38609	8.378368	9.011439	9.188183	9.388076
ENSMUSG Pias3	14.09663	14.04634	14.45852	11.28947	11.25646	11.125513
ENSMUSG Nudt17	1.105711	0.994847	0.603225	0.902913	0.386122	0.786806
ENSMUSG Cd63	99.132	103.8778	116.0131	184.5507	190.0765	213.66935
ENSMUSG Rdh5	2.416682	2.600889	2.708009	2.774558	2.730064	2.738128
ENSMUSG Dgka	24.96513	20.10907	24.50076	20.8844	19.81809	21.285532
ENSMUSG Polr3gl	19.00459	17.98679	21.53811	15.21672	14.82643	13.88305
ENSMUSG Tars2	8.131216	8.796448	8.070534	8.204848	8.184588	7.806731
ENSMUSG Rprd2	7.561674	6.648585	6.401811	6.022292	6.075441	5.557873
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.318069	0.24171	0.309408	0.280364	0.268442	0.236874
Mus_musc Mus_musc	0	0	0	0.071453	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Actg1	944.7814	789.608	926.0333	805.6604	712.5862	908.53398
ENSMUSG Ces2f	0	0	0	0	0	0
ENSMUSG 4833420G	12.4206	11.89516	12.91261	12.95389	12.87185	12.115048
ENSMUSG Gm38431	2.749293	10.96658	2.399166	18.07364	1.365369	1.943704
ENSMUSG Ccdc137	7.706946	9.830745	8.280487	7.116388	7.146661	7.550675
ENSMUSG Rpp38	1.02515	1.617137	2.029828	1.748179	2.274709	1.869084
ENSMUSG Cd177	0.626448	1.76165	0.967679	26.07824	21.82889	15.948165
ENSMUSG Opa3	11.24435	12.71225	11.78525	11.78568	11.97059	13.635219
ENSMUSG Hbb-bh1	0	0	0	0	0	0
ENSMUSG Olfr748	0	0	0	0	0	0
ENSMUSG Hist1h2aa	0	0	0	0	0	0
ENSMUSG 2610044O	6.997873	6.866962	6.560354	5.645453	5.731554	5.320377
ENSMUSG Rspo3	0.443657	0.524852	0.4722	0.54777	0.437592	0.223053
ENSMUSG Echdc1	7.185323	7.979317	6.440424	8.320712	6.943051	5.802992
ENSMUSG Mgat4c	0	0.01304	0	0.063749	0.020408	0.024834
ENSMUSG Ptprk	24.12406	21.56574	19.96133	15.63005	12.82775	14.930966
ENSMUSG Daw1	0.988902	0.840211	0.487879	0.746191	0.566409	0.884581
ENSMUSG Gpr21	0.285139	0.202448	0.236986	0.182767	0.214562	0.187206
ENSMUSG Cdh22	0.452251	0.265685	0.109384	0.215375	0.32013	0.32658
ENSMUSG Spag7	30.77048	27.89782	31.9113	27.55814	28.23404	28.967539
ENSMUSG Psm6	78.72603	87.26286	82.37036	89.18362	85.36276	94.438225
ENSMUSG Rtn3	86.27313	85.11289	87.12985	73.17427	73.78119	73.116642
ENSMUSG At13	28.46323	29.7989	25.43939	23.83306	24.08962	23.715288
ENSMUSG Cxcl14	23.83742	15.02761	13.12931	9.638752	10.60355	9.220906
ENSMUSG Slc25a48	0.22041	0.024697	0	0	0	0.016377

ENSMUSG Cts3	0	0	0	0	0	0
ENSMUSG Ctsm	0	0	0	0	0	0
ENSMUSG Ddx46	14.70184	13.67051	13.51353	13.05768	11.74787	12.841571
ENSMUSG Caml	16.87324	15.48447	16.93106	15.98896	15.68256	15.110469
ENSMUSG Cemip2	48.67762	47.6685	40.83452	29.83004	35.28741	32.224968
ENSMUSG B4galt7	6.391816	5.946755	6.312986	6.883944	7.892198	8.138465
ENSMUSG Slc22a19	0.043874	0	0	0	0.02103	0
ENSMUSG Abt1	3.634501	4.008301	3.695023	2.96218	2.75941	3.140012
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Olfr391-ps	0	0	0	0	0	0
ENSMUSG 9530068E	72.6735	73.7523	73.21755	69.69203	70.32663	73.616528
ENSMUSG Edc4	13.23337	11.92244	12.67893	10.47013	10.98668	11.015268
ENSMUSG Lrrk2	20.339	21.51662	17.31461	21.33118	23.72845	23.447905
ENSMUSG Macrod1	6.85495	7.011185	6.661194	6.261619	6.39751	6.926069
ENSMUSG Cfap298	16.98692	17.95705	15.18504	18.98028	19.31782	18.349377
ENSMUSG Synj1	10.45676	13.03804	10.05524	9.902058	11.53578	11.763463
ENSMUSG Ifnar2	28.47405	24.94714	29.13915	32.70886	32.69164	35.478102
ENSMUSG Prkaca	30.55065	30.47739	29.30664	26.35029	28.76973	30.927267
ENSMUSG Il27ra	3.581424	2.898772	3.593539	5.18299	4.895838	4.725926
ENSMUSG Terb2	0	0	0	0	0	0
ENSMUSG Liltr4b	2.383399	2.616679	3.510932	17.39573	15.9601	19.808752
ENSMUSG Chst1	10.4274	9.231667	11.6393	9.541929	8.241839	7.382363
ENSMUSG Syt13	0.007149	0.021827	0.035126	0.167307	0.208931	0.3027
ENSMUSG Mapk8ip1	6.365613	6.774803	5.984534	5.054175	5.714807	6.147371
ENSMUSG Mrgprb4	0	0	0	0	0	0
ENSMUSG Duoxa2	0	0.072793	0.123413	0	0	0
ENSMUSG Duoxa1	0	0.02787	0	1.32212	0.873827	2.261271
ENSMUSG Sord	26.49197	26.42166	19.21706	19.09591	18.8422	20.043255
ENSMUSG Rfx3	2.343898	3.237334	1.666411	2.279525	2.411737	2.253637
ENSMUSG S100pbp	7.890729	7.784016	8.121994	8.380833	7.744501	8.529498
ENSMUSG Anxa4	100.4652	99.81724	94.37146	110.5077	122.9326	136.77679
ENSMUSG Nfu1	14.81569	14.80827	16.80342	15.90081	15.59166	14.682242
ENSMUSG Gfpt1	16.28204	18.0747	14.92557	19.40454	20.38014	21.540505
ENSMUSG Tgfa	6.306675	5.852861	5.861544	3.596803	4.506679	3.92947
ENSMUSG Pcyox1	27.22705	27.48944	27.3234	25.39574	27.24708	28.605479
ENSMUSG Bbs1	3.273115	2.92307	2.088182	2.062517	2.295737	2.262115
ENSMUSG Zdhhc24	6.48172	6.654543	6.670799	6.703773	6.985344	5.957397
ENSMUSG Angpt1	24.70512	24.27838	25.90891	17.17255	17.37888	13.304315
Mus_musc Mus_musc	0	0.115891	0.208905	0.261144	0.077553	0
ENSMUSG Slc34a3	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.114092	0.109979	0.219759	0.093764	0.199432
ENSMUSG Wdr49	0	0.230946	0	0.258684	0.172309	0.237648
ENSMUSG Btbd19	2.120925	2.304964	2.764347	2.517756	2.851452	2.517724
ENSMUSG Kncn	0	0	0	0	0.065568	0
ENSMUSG Kti12	12.95966	10.00511	11.36584	11.4817	9.624525	10.514597
ENSMUSG Srsf2	65.09532	53.85655	68.55848	57.38567	45.36197	57.526746
ENSMUSG Mks1	2.020002	1.741305	1.442586	1.807916	2.202992	2.442919
ENSMUSG Pomt2	5.403004	6.106	5.875937	5.121071	4.653298	4.762295
ENSMUSG Tspan8	92.13857	86.95166	101.0264	59.7766	60.97535	56.826661
ENSMUSG Svip	6.244116	5.903985	5.109752	4.530519	4.805509	4.640553
ENSMUSG Cyp2d10	0	0	0	0	0	0
ENSMUSG Cds1	6.228541	7.250379	5.933473	6.593324	5.851049	7.212717
ENSMUSG Bmp3	10.07149	9.172845	8.96824	7.964016	6.297987	7.018277
ENSMUSG Prkg2	3.49685	3.874256	4.00055	2.812943	2.481586	2.465253
ENSMUSG Fgf5	0	0	0.040528	0.041747	0.020976	0
ENSMUSG Antxr2	15.31474	14.42632	11.86347	12.51673	11.71667	12.141796
ENSMUSG Olfr810	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.465338	0
Mus_musc Mus_musc	0	0	0.061012	0.660416	0	0
Mus_musc Mus_musc	2.263426	2.354437	1.786616	1.192951	1.740902	1.772053
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.37412	0.30288	0.195812	0.347673	0.593635	0.273996
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	1.16814	0.598739	1.171047	0.79525	0.646949	0.698968

Mus_musc Mus_musc	0.828782	0.728266	0.685399	0.64032	0.591047	0.471748
ENSMUSG Scgb2b24	0	0	0	0	0	0
ENSMUSG Gm13078	0	0	0	0	0	0
ENSMUSG Hnrnpa1	81.207	73.6039	72.05337	74.85963	74.24895	73.132686
ENSMUSG Olfr518	0	0	0	0	0	0
ENSMUSG Bex3	33.59838	33.97214	36.18275	33.88549	31.72845	38.175983
Mus_musc Mus_musc	0.416071	0	0	0	0.085118	0
Mus_musc Mus_musc	0	0	0	0	0.1702	0
Mus_musc Mus_musc	0	0.418698	0.572473	0.172651	0.579744	0.553808
ENSMUSG Mid1	2.872881	2.234096	2.249399	2.570983	3.267874	2.10841
ENSMUSG Kih135	0.142226	0	0.158215	0.107224	0	0.165145
ENSMUSG G2e3	2.685765	3.617729	2.57916	2.557844	2.798577	2.972831
ENSMUSG Cops4	22.6543	21.4748	22.92153	22.55227	24.24811	20.8558
ENSMUSG Sgcg	0.214484	0.784409	0.2761	0.58936	0.332753	0.348356
ENSMUSG Wdr38	0.40014	0.50909	0.603956	0.825728	0.771322	1.135326
ENSMUSG Golga7b	0	0	0	0	0	0.038968
ENSMUSG Gtpbp1	17.6416	16.19093	16.68433	14.78196	15.13772	14.989865
ENSMUSG Prh1	0	0	0	0	0	0
ENSMUSG Gatad1	19.45085	21.37398	18.14949	16.45539	16.75793	15.238224
ENSMUSG Mark3	25.54223	25.14355	23.99742	20.72045	20.4443	19.516135
ENSMUSG Slc23a2	33.22907	35.41809	24.15196	24.98261	26.20765	24.8446
ENSMUSG Grin3b	0.321597	0.178593	0.28866	0.281903	0.182458	0.186237
ENSMUSG Zfp995	1.588801	1.686219	1.361264	1.594034	1.839086	1.944786
ENSMUSG Zbtb2	10.01453	7.933928	8.921392	6.199792	7.198812	6.45241
ENSMUSG Fign	0.756428	0.917335	0.589333	0.557552	0.647186	0.518697
ENSMUSG Bola3	6.349883	6.323439	6.608903	6.09941	5.108239	5.241342
ENSMUSG Ai467606	12.40881	10.69056	12.59423	13.15488	14.13199	15.298135
Mus_musc Mus_musc	0.4421	0.913162	0.569813	0.714451	0.162712	0.40201
Mus_musc Mus_musc	0.106961	0.236562	0.113963	0.947056	0.760041	0.803443
Mus_musc Mus_musc	0	0	0	0.204337	0.144262	0
Mus_musc Mus_musc	1.194356	0.812416	0.964398	1.37462	0.929678	0.793623
Mus_musc Mus_musc	0	0	0	0	0	0.162278
Mus_musc Mus_musc	0.494805	0	0.075306	0	0	0
Mus_musc Mus_musc	0.321561	0	0	0	0.081171	0
ENSMUSG Zfp965	3.805655	6.427282	4.935531	4.950775	3.022423	3.433032
ENSMUSG Gm4724	1.801856	0.925836	0.548058	0.448651	0.53133	1.28779
ENSMUSG 2210418O	0.686268	1.047305	0.695925	1.486287	1.109197	1.677852
ENSMUSG Mcm3ap	9.123887	8.487597	8.111761	7.43644	8.582181	8.084415
ENSMUSG Gmcl1	6.276347	7.035305	7.504111	6.406537	6.816196	6.867631
ENSMUSG Mxd1	11.45271	12.41688	14.46314	10.39599	10.43113	11.00232
ENSMUSG Ftcd	0.010506	0	0	0	0	0
ENSMUSG Snrnp27	28.32835	31.22526	33.54987	29.69869	26.85426	27.535842
ENSMUSG Zfp968	1.157137	0.219141	1.341619	0.881381	1.102829	0.300926
ENSMUSG Gm4631	0.516372	0.323269	0.140011	0.371697	0.154437	0.187486
Mus_musc Mus_musc	0	0	0.112949	0	0	0.318478
Mus_musc Mus_musc	1.326385	1.005708	1.058769	1.1373	0.64391	0.856676
ENSMUSG Gypa	0.309214	0.479544	0.983724	0.093788	0.340047	0.140332
Mus_musc Mus_musc	4.472477	5.22532	3.250039	3.352445	3.269188	3.351841
ENSMUSG Sltm	16.58275	16.04979	19.11711	14.13145	13.71117	13.961102
ENSMUSG Nedd4	128.5681	127.0571	109.361	96.06509	100.4576	98.070879
ENSMUSG Rnf111	9.268507	9.556434	8.80668	9.270819	8.981433	9.88622
ENSMUSG Rsl24d1	18.78417	19.12466	18.54103	16.60503	19.27335	16.455078
ENSMUSG Ccnb2	1.965365	1.404708	1.278386	3.118083	4.934177	4.456561
ENSMUSG Btdb35f26	0	0	0	0	0	0
ENSMUSG Crocc2	0.678345	0.521465	0.476087	1.693164	1.58466	1.782787
ENSMUSG Gbp2b	13.65463	14.72007	68.15416	39.01648	13.57947	13.980801
ENSMUSG Dnm3	2.292494	2.28952	2.779994	2.954995	1.766621	1.832841
ENSMUSG Kihdc4	11.84022	9.827756	10.91973	11.53238	11.68462	11.92801
ENSMUSG Daam2	6.371411	6.34957	5.030749	3.832035	3.954356	3.813629
ENSMUSG Ube2dnl1	0	0	0	0	0	0
ENSMUSG Plekha1	50.96521	51.13684	53.02433	38.96137	36.29027	36.294181
ENSMUSG Mrps28	12.35989	12.85438	14.1093	16.23084	14.70769	17.619074
ENSMUSG Vmn2r51	0	0	0	0	0	0
ENSMUSG Thada	3.145806	2.992448	2.56668	2.757219	2.86621	2.888416

ENSMUSG Mnt	9.0192	8.453778	9.464001	7.853095	8.226828	8.689398
ENSMUSG Abcg8	0	0	0.026536	0	0.031966	0
ENSMUSG Adcyap1	0.01663	0	0	0	0	0
ENSMUSG Slc25a46	11.70291	10.72122	11.01397	10.6457	10.87281	11.090814
ENSMUSG Polr2d	15.18673	16.67699	19.06355	15.66241	14.8396	15.711203
ENSMUSG Olfr1250	0	0	0	0	0	0
ENSMUSG Car13	2.065033	3.034637	2.352467	4.608778	4.9132	5.906137
ENSMUSG Kbtbd2	18.16411	16.97329	16.9246	12.07097	12.44048	12.115269
ENSMUSG Plg	0.020119	0	0.018383	0.065516	0	0
ENSMUSG 2610301B	8.681971	9.1662	7.687116	8.569073	8.645882	8.259569
ENSMUSG Olfr727	0	0	0	0	0	0
ENSMUSG Olfr48	0	0	0	0	0	0
ENSMUSG Csn1s2a	0	0	0	0	0	0
ENSMUSG Zfp64	9.403811	9.626431	8.177005	8.651384	8.404094	8.372435
ENSMUSG Ano5	0.27846	0.317224	0.362285	0.248279	0.160545	0.228836
ENSMUSG Slc2a9	3.161246	2.907116	2.947823	2.944119	2.835189	2.654721
ENSMUSG Eif2ak4	7.50621	7.186609	6.683196	6.204341	5.797468	6.584073
ENSMUSG Wdr1	50.83723	48.06871	53.90152	53.23573	57.79108	64.314499
ENSMUSG Zfp458	1.117515	1.276129	0.88057	1.139836	1.391548	1.100814
ENSMUSG Soga1	16.94899	14.87275	13.09887	11.06259	11.97829	11.67942
ENSMUSG Gm3880	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.06426	0	0.3733	0	0.175103
Mus_musc Mus_musc	0.60591	0.653211	0.559496	0.53809	0.375019	0.589102
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.263875	0	0.168841	0	0
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.347261	0	0.105366
ENSMUSG Pcolce2	47.48618	42.24968	50.62948	28.04516	28.43346	23.896889
ENSMUSG Cd48	9.635205	9.139767	15.11124	21.94306	20.00677	22.329412
ENSMUSG Clpx	15.63958	15.51632	14.48091	12.90619	12.43705	13.287634
ENSMUSG Dxo	8.738232	8.281058	10.58893	10.60349	8.195423	9.028939
ENSMUSG Xaf1	12.62929	9.726267	22.29265	10.68387	7.136099	8.211249
ENSMUSG Bptf	16.59508	18.64494	14.03184	14.52458	14.89188	14.939482
ENSMUSG Lrrc52	0.045404	0.197532	0.126222	0.09089	0	0.04802
ENSMUSG Ltbp4	120.5865	101.4946	120.3959	58.13145	60.79502	61.352052
ENSMUSG Sox30	0	0	0	0.069676	0	0.018191
ENSMUSG Usp42	4.850142	5.505691	5.091732	4.202671	4.027622	4.646814
Mus_musc Mus_musc	0.61798	0.695989	0.441161	0.442931	0.447259	0.148344
Mus_musc Mus_musc	0	0.477329	0	0.191005	0.438525	0.338359
Mus_musc Mus_musc	0.892599	0.71643	0.116603	0.048291	0.513988	0.294337
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0.575651	1.140507	0.954077	0.284774	0.200977	0
Mus_musc Mus_musc	0.192018	0.119685	0.152819	0.396917	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.147155	0.210857	0	0	0	0
ENSMUSG Sfn	3.748855	4.956838	4.837041	5.587181	5.13017	6.780521
ENSMUSG Neur14	10.87693	11.57301	11.58084	11.12403	10.05939	10.247441
ENSMUSG Olfr370	0.006091	0	0	0	0	0
ENSMUSG Aadat	0	0	0	0	0	0
ENSMUSG Dmac2	8.296801	8.532951	8.084167	9.386004	8.092748	9.061442
Mus_musc Mus_musc	0	0.233711	0	0.059132	0.129597	0
Mus_musc Mus_musc	0	0	0	0.106049	0	0.341325
Mus_musc Mus_musc	0.122208	0.249958	0.060514	0	0.024572	0
ENSMUSG Olfr374	0	0.006637	0.024065	0.017366	0	0.052475
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.403165	0.582237	0.57476	0.498425	0.64673	0.486293
Mus_musc Mus_musc	0	0.156625	0	0.100896	0.181853	0.085189
ENSMUSG Fxyd6	4.650312	4.998146	4.805287	4.391593	3.277924	4.074997
ENSMUSG Cyp2b19	0.061488	0.042745	0.126764	0.013782	0.041427	0.049609
ENSMUSG Hsd11b1	100.657	102.1614	130.4625	66.05479	77.53098	56.03392
ENSMUSG Gm3015	0	0	0	0	0	0
ENSMUSG Gm21987	0	0.145665	0.325676	0	0.102359	0
ENSMUSG Gm21725	0	0	0	0	0	0
ENSMUSG Entpd4	6.420793	5.881231	5.135209	4.432436	6.22722	6.552238

ENSMUSG A630001G	2.501919	1.66489	2.491264	4.962453	3.820195	5.306843
ENSMUSG Zfp212	9.511531	9.39744	10.67036	8.302267	7.620394	8.09249
Mus_musc Mus_musc	0	0	0	0.195095	0	0
Mus_musc Mus_musc	0	0.084736	0.220691	0.301762	0	0.248421
Mus_musc Mus_musc	0.220123	0.209208	0.583561	0.097884	0.75036	0.188614
Mus_musc Mus_musc	0	0	0.203306	0.331831	0.571021	0.349319
Mus_musc Mus_musc	0.204129	0.261679	0.200323	0.354055	0.493086	0.280809
ENSMUSG Cyb5r3	178.753	167.4068	176.4989	129.6652	128.7539	137.04301
ENSMUSG Rrp7a	13.49627	14.68217	14.94256	12.83421	14.14343	13.734821
ENSMUSG Amigo1	3.625885	4.027212	4.101594	3.302329	3.534143	3.131322
ENSMUSG Efcab5	0.142458	0.237531	0.129189	0.166688	0.213489	0.164557
ENSMUSG Zfp438	2.302769	2.183399	1.955382	1.406207	1.35602	1.243186
ENSMUSG Hadha	30.58933	33.37411	29.44195	29.67549	32.1016	32.904495
ENSMUSG Try10	0	0	0	0	0	0
ENSMUSG Olfr531	0	0	0	0.026951	0	0
ENSMUSG Sim2	0	0	0	0	0	0.013725
ENSMUSG Sigmar1	19.32075	18.08581	20.90441	19.96862	19.26699	21.294399
ENSMUSG Cbx7	14.80506	14.17415	14.52753	10.10879	9.913436	8.943296
ENSMUSG Tmem161a	11.53335	12.34218	12.27264	9.568108	10.23655	10.110671
ENSMUSG Ncan	0	0.025736	0	0.035313	0.012299	0.045285
ENSMUSG Slc25a42	4.860157	4.718099	5.03452	3.782372	3.836346	4.372521
ENSMUSG Borcs8	21.43464	22.94006	22.55228	23.39262	21.77494	25.637464
ENSMUSG Olfr160	0	0	0	0	0	0
ENSMUSG Usmg5	47.04743	41.60544	48.80024	56.62498	52.59105	53.769222
ENSMUSG Gm21970	0	0	0	0	0	0
ENSMUSG Cldn17	0	0	0	0	0	0
ENSMUSG Mta3	13.29783	14.46957	15.37054	16.10102	14.50819	15.704541
ENSMUSG Tas2r124	0	0	0	0	0	0
ENSMUSG Slc18a3	0	0.108074	0	0.019399	0	0
ENSMUSG Gm20820	0	0	0	0	0	0
ENSMUSG Btbd35f23	0	0	0	0	0	0
ENSMUSG Il25	0	0	0	0	0	0
ENSMUSG Olfr1484	0	0	0	0	0	0
ENSMUSG Acyp2	7.92331	7.242522	6.085226	6.713737	3.679777	4.555782
ENSMUSG Tcstv1	0	0	0	0	0	0
ENSMUSG Gm6176	0	0	0	0	0	0
ENSMUSG Inhbb	3.374358	2.992621	2.605865	3.718711	3.850206	3.839169
ENSMUSG Pax1	0	0.032578	0	0	0	0.048294
ENSMUSG Tspan15	25.82674	23.93356	22.83356	16.27356	17.11035	16.165812
ENSMUSG Clca3b	0	0.077453	0	0.355902	0.200635	0.131709
ENSMUSG Apbb1	31.48763	36.86726	29.47946	24.46781	27.64495	26.96569
ENSMUSG Ubtf	37.09566	38.15525	39.32085	32.87916	34.23509	35.018864
ENSMUSG Lsm12	8.983512	9.497428	9.653361	8.972919	8.391089	7.978927
ENSMUSG Tmem101	7.449291	7.259423	8.084143	7.729955	8.428376	7.729328
ENSMUSG Kif1a	0.801366	0.958223	0.791885	1.17693	1.357793	1.372224
ENSMUSG Adam11	0.196496	0.319313	0.255705	0.344997	0.461425	0.302561
ENSMUSG Ccdc43	7.959205	8.001965	7.785936	6.665578	6.457654	6.358162
ENSMUSG Slc25a11	35.91772	33.92382	30.48095	34.33628	31.10691	34.96303
ENSMUSG Chrne	0	0	0.125614	0.081947	0	0.071919
ENSMUSG Eftud2	20.42918	18.7367	20.17087	16.11073	17.76928	18.44186
ENSMUSG Higd1b	27.3018	26.31822	32.26425	20.92183	17.93042	19.559497
ENSMUSG 1700025B	0	0	0	0	0	0
ENSMUSG Gm525	0	0.144923	0.381547	0.510801	0.585215	0.682317
ENSMUSG Adamts9	3.874715	5.143987	4.453107	4.923525	5.285654	5.062201
ENSMUSG Prickle2	22.32492	21.85073	17.25173	13.05173	11.60506	12.761991
ENSMUSG Gm17026	0	0	0	0	0	0
ENSMUSG Lrig1	7.01839	7.886803	6.386617	7.334101	7.952724	7.776124
ENSMUSG Gm17268	0	0	0	0	0	0
ENSMUSG Gm6676	0	0	0	0	0	0
ENSMUSG Olfr1438-p	0	0	0	0	0	0
ENSMUSG Bbs5	4.579841	3.79006	3.610262	4.167023	3.564158	3.48831
ENSMUSG Vmn2r68	0	0	0	0	0	0
ENSMUSG Gm10057	0	0	0	0	0	0
ENSMUSG Kcnma1	0.118433	0.156871	0.103731	0.063324	0.071241	0.137941

ENSMUSG Prmt1	26.03396	23.2447	25.98104	24.90127	21.82673	22.581043
ENSMUSG Pirt	0.045038	0	0	0.01881	0.040139	0.013156
ENSMUSG H1fnt	0	0	0	0	0	0
ENSMUSG Arf1	271.484	262.7501	269.4927	236.3664	245.3576	243.68788
ENSMUSG Znfx1	19.20834	17.95406	23.13121	16.18135	14.67818	15.439095
ENSMUSG Tenm4	0.129861	0.210327	0.086764	0.679083	0.370146	0.483607
ENSMUSG Nup133	4.181913	4.791542	4.741032	3.615481	3.813066	4.166389
ENSMUSG Calhm4	0.012971	0	0.010516	0	0	0
ENSMUSG Immp2l	1.951709	1.402322	1.779477	1.230481	1.54187	0.62005
ENSMUSG Hist3h2ba	0.393519	1.061316	0.436373	0.613591	0.374905	0.098994
ENSMUSG Speer4c	0	0.106246	0	2.925469	2.294866	1.448303
ENSMUSG Klf14	0	0	0	0.01452	0.009164	0
ENSMUSG Aoah	0.350829	0.280356	0.962722	1.055952	0.82468	1.056817
ENSMUSG Trim27	7.975082	8.175765	7.223765	9.968367	7.896906	10.74149
ENSMUSG Zkscan3	19.26964	19.75887	18.86297	16.93915	14.65438	14.821196
ENSMUSG Pak2	25.12156	25.08983	23.96641	22.40301	25.41549	22.484404
ENSMUSG Meltf	0	0	0	0.010189	0.013551	0.013369
ENSMUSG Spag6l	4.185762	5.826165	3.226709	6.154452	6.589366	6.574214
ENSMUSG Slc6a14	37.25732	31.26389	30.43702	21.32818	20.1295	20.813261
ENSMUSG Wdr53	5.457362	3.604153	6.898012	4.510857	4.829894	5.855575
ENSMUSG Dnm1l	18.62196	19.55305	17.20804	17.15547	16.913	16.921053
ENSMUSG Fgd4	3.327552	3.573241	3.192124	4.212693	4.727745	4.090396
ENSMUSG Gm498	0	0	0	0	0	0
Mus_musc Mus_musc	4.473562	3.92742	0.856838	210.1914	140.5273	107.32536
Mus_musc Mus_musc	5.586425	2.008456	1.161561	127.9688	601.6353	224.08899
Mus_musc Mus_musc	1.862407	1.093637	2.099635	42.20166	180.8677	725.70001
Mus_musc Mus_musc	0	0	0	0	0.082959	0.083309
Mus_musc Mus_musc	0	0.102646	0	324.5911	23.36509	22.731079
Mus_musc Mus_musc	0.576179	0.297512	0	9.503469	15.43353	31.131958
ENSMUSG Rabepk	3.419667	4.438875	3.463996	3.402835	3.71488	3.66413
Mus_musc Mus_musc	0	0.160498	0	1.898378	0	0.65132
Mus_musc Mus_musc	0	0.052848	0	1.591783	0.248316	0.853898
ENSMUSG Srrm1	37.43235	32.68871	34.32543	27.88475	28.09638	25.981275
ENSMUSG Pramel6	0	0	0	0	0	0
ENSMUSG Pramel7	0	0	0	0	0	0
ENSMUSG Hdac1	25.04075	25.43396	27.17793	22.56344	21.28027	23.40094
ENSMUSG Stpg1	0.553757	0.388107	0.287972	0.572499	0.466025	0.397638
ENSMUSG Nipal3	28.68786	28.15073	25.88833	21.02032	21.99276	20.329077
ENSMUSG Csm2	0	0	0.010593	0	0	0.004076
ENSMUSG Zbtb8a	7.433788	7.54393	6.180714	5.238019	4.997914	4.89721
ENSMUSG Parvg	5.670169	4.211803	5.754865	6.615273	5.683609	6.468878
ENSMUSG Parvb	29.05349	28.01154	30.29874	18.1608	17.2711	17.218882
ENSMUSG Csnk1e	33.15357	32.00168	33.25703	22.32094	22.95892	24.070427
ENSMUSG Smc1b	0	0	0	0.011483	0.024588	0
ENSMUSG Bnip2	77.29752	79.21078	80.87661	65.95882	66.70237	63.799219
ENSMUSG Samm50	11.55842	11.92191	11.36674	10.53119	11.40701	11.871089
ENSMUSG Sh3bp1	12.77238	10.87261	15.63509	16.1166	15.29134	17.244868
ENSMUSG Upk3a	0.75247	1.233768	0.603873	0.539769	0.353571	0.275858
ENSMUSG Fam118a	5.076231	4.831184	6.4384	4.631121	5.501335	4.552649
ENSMUSG Hspb6	3.445128	5.472148	3.207119	3.735347	4.175169	2.95725
ENSMUSG Dpm3	27.13898	26.20296	30.75516	29.51145	26.57548	22.100533
ENSMUSG Wnt4	1.438996	2.037294	1.352577	1.316158	0.990395	1.062685
ENSMUSG Mrpl41	14.11311	13.1594	17.16815	15.02742	14.57843	16.657124
ENSMUSG St8sia2	1.929597	2.375322	2.093822	1.978198	2.205738	2.254701
ENSMUSG Mcoln3	1.234837	0.964085	1.74782	0.912523	0.782535	0.854761
ENSMUSG Clec3b	113.8358	136.5025	108.764	73.5331	64.98456	71.406387
ENSMUSG Exosc7	22.54576	21.71569	24.5909	22.1418	18.59168	22.3037
ENSMUSG Zdhhc3	34.93368	37.20153	29.95787	27.14692	26.90406	28.661743
ENSMUSG Tgm4	0.179877	0.180677	0.134451	0.121372	0.085789	0.062306
ENSMUSG Ptcra	0	0	0	0	0	0
ENSMUSG Atp5c1	86.84594	94.01996	89.4102	109.5147	103.6948	109.60974
ENSMUSG Taf3	5.961398	5.403565	5.516665	4.93122	4.203141	4.416673
ENSMUSG 4930412O	0	0	0.027468	0	0.1529	0
ENSMUSG Rttm	1.984032	1.816159	1.586728	1.676593	1.915934	1.35698

ENSMUSG Suox	8.279094	9.052659	9.68682	7.112064	8.72005	7.846214
ENSMUSG Ntf3	0.839631	1.329187	0.62562	0.749677	1.128391	1.020636
ENSMUSG Slc12a8	0.168373	0.175274	0	0.381176	0.411773	0.428728
ENSMUSG Cox18	6.978114	6.410381	7.160128	6.882969	5.48762	8.064149
ENSMUSG Reep6	12.03757	15.74076	7.872032	11.07388	12.1064	11.683354
ENSMUSG Prr11	0.562767	0.443014	0.393626	1.051839	1.260613	1.435343
ENSMUSG Ska2	4.29649	4.946407	4.896034	4.803023	4.313073	3.917066
ENSMUSG 2810021J2	2.274714	1.852869	2.242865	2.561764	2.334017	1.909991
ENSMUSG Btnl10	0.136707	0.021042	0	0.011113	0	0
ENSMUSG Rnf187	49.64414	49.3815	51.1875	39.40657	41.37765	44.793099
ENSMUSG Smg8	8.486599	8.548196	8.789433	6.50743	6.700126	7.471334
ENSMUSG Ccp110	5.682033	6.64625	4.812386	6.144716	5.965934	6.482815
ENSMUSG Zdhhc15	1.050915	0.782666	0.922633	0.732975	0.673773	0.562689
ENSMUSG Map9	1.992614	1.881708	1.336477	1.915109	1.835879	2.017321
ENSMUSG Ptgr1	9.824315	10.92111	8.568985	10.57557	11.31828	12.838287
ENSMUSG Mapkbp1	7.846724	7.937881	8.280634	7.542518	6.839282	7.077812
ENSMUSG Usp36	8.467633	7.103258	8.100758	6.290814	7.234173	7.19701
ENSMUSG Astn2	3.057977	3.436074	3.988083	2.973607	3.064159	3.126662
ENSMUSG Pappa	0.297641	0.406449	0.280437	0.170118	0.2385	0.204898
ENSMUSG Rab1a	81.68884	76.98633	84.60947	72.9507	74.72501	75.52721
ENSMUSG Lgr5	0.08907	0.076238	0.05053	0.028904	0	0.022076
ENSMUSG Dock2	8.328158	7.051071	10.07444	17.5352	15.8349	18.122143
ENSMUSG Slc1a4	7.090504	7.649634	7.547855	8.670408	8.530477	9.320782
ENSMUSG Olfr1019	0	0	0	0	0	0
ENSMUSG Olfr1016	0	0	0	0	0	0
ENSMUSG Olfr1044	0	0	0	0	0	0
ENSMUSG Olfr1043	0	0	0	0	0	0
ENSMUSG Olfr1042	0	0	0	0	0	0
ENSMUSG Olfr1040	0	0	0	0	0	0
ENSMUSG Olfr1039	0	0	0	0	0	0
ENSMUSG Olfr1037	0	0	0	0	0	0
ENSMUSG Olfr1024	0	0	0	0	0	0
ENSMUSG Elp5	17.70183	16.48872	16.29446	16.1169	16.06425	15.512815
ENSMUSG Slc2a4	1.254082	3.209533	1.205597	2.209866	1.735245	1.577849
ENSMUSG Gabarap	131.2151	142.9369	130.2597	143.6702	139.4128	150.95075
ENSMUSG Cldn7	26.23555	29.61599	21.84916	23.80128	20.12494	23.111042
ENSMUSG Zfp503	20.75139	18.2982	17.26306	15.11724	14.4989	11.82654
ENSMUSG Ss18l1	2.036589	1.77177	2.189324	1.947675	1.889298	2.116998
ENSMUSG Rreb1	12.18304	10.95732	10.08345	10.81842	11.93154	12.479182
ENSMUSG Ccdc171	0.404956	0.475954	0.356292	0.441658	0.553962	0.569878
ENSMUSG Rexo4	12.86385	15.11813	14.38838	13.99647	15.12502	16.283848
ENSMUSG Slc16a13	2.703108	2.685043	2.826383	2.952912	2.516319	3.10932
ENSMUSG Cxxc4	0.267253	0.357182	0.341106	0.427767	0.293383	0.153618
ENSMUSG L3mbtl3	6.050355	7.071374	6.109598	5.765667	6.4437	5.351743
ENSMUSG Ccdc89	0.449012	0.523752	0.243274	0.932936	0.38721	0.955604
ENSMUSG BC024139	0	0.044452	0.029552	0.120314	0.068436	0
ENSMUSG Wipf3	10.98513	10.60315	9.788338	6.696057	6.455692	5.648776
ENSMUSG Lonrf2	0.04831	0.07918	0.021836	0.041421	0.032049	0.037597
ENSMUSG Olfr202	0	0	0	0	0	0
ENSMUSG Gm26920	0.512153	0.491213	0.386042	0	0.221597	0.110637
ENSMUSG Znrf2	10.5239	11.4096	11.04902	12.06994	11.61329	11.09394
ENSMUSG Map2k5	8.985271	8.758788	8.548755	8.038178	9.104363	8.252953
ENSMUSG Rpl10-ps3	18.95705	8.669234	8.697752	7.118095	23.5578	23.856663
ENSMUSG Panx2	0.106187	0.212283	0.048125	0.138001	0.218736	0.187337
ENSMUSG Nrf1	10.7626	10.9069	11.12781	7.455054	8.319289	9.204012
ENSMUSG Pou4f3	0	0	0	0	0	0
ENSMUSG Rhog	57.0433	51.74523	66.40882	57.30745	55.2006	59.269368
ENSMUSG Lars	12.36775	12.34322	12.00211	13.04984	12.92217	12.422134
ENSMUSG Ggh	11.25806	12.07261	9.907181	9.893594	10.65477	9.165867
ENSMUSG Ttpa	0.966471	1.236406	0.857433	0.595423	0.641177	0.859179
ENSMUSG Tcerg1	9.401682	9.268513	9.49114	8.874158	8.927518	8.521954
ENSMUSG Gm4792	0	0	0	0	0	0
ENSMUSG Nfatc1	14.54162	13.06948	13.04865	11.36356	11.01715	11.440641
ENSMUSG Trim33	9.326345	9.007285	7.867769	8.454549	6.919626	8.621616

ENSMUSG Olfr295	0	0	0	0	0	0
ENSMUSG Slc27a4	10.3786	8.784064	9.488866	9.363566	10.99346	10.8333
ENSMUSG Ctcf	23.90579	23.11112	23.02576	21.12042	22.1363	20.999229
ENSMUSG Pard6a	3.129703	3.440625	3.585412	3.144929	2.99075	3.68797
ENSMUSG Sh2d1a	1.22082	0.59851	3.18128	2.038334	1.647258	1.897348
ENSMUSG Stxbp2	25.75413	20.55129	24.7426	32.50009	28.17061	31.143581
ENSMUSG Arhgef18	24.21619	22.56208	22.34931	16.36662	16.42074	16.448587
ENSMUSG Pnpla6	10.40774	10.21957	10.46076	11.09535	9.966236	9.804683
ENSMUSG Mcoln1	16.50491	13.64855	16.70445	13.09131	14.87931	15.929272
ENSMUSG Olfr1431	0	0	0	0	0	0
ENSMUSG Gm3264	0	0	0	0	0	0
ENSMUSG Arhgef40	8.361211	8.577137	10.10272	7.839494	8.035196	8.295271
ENSMUSG Olfr432	0.007384	0.060005	0.061853	0.019273	0.012355	0.041039
ENSMUSG Tmem164	19.16323	19.57449	17.85086	23.86224	22.00914	25.044161
ENSMUSG D030056L	11.03944	10.09231	9.547766	8.436407	9.529919	8.169044
ENSMUSG Prr15l	41.97058	45.57541	31.04684	30.79372	34.09089	31.11085
ENSMUSG Gm10382	0.071159	0	0	0.105512	0.090093	0.022792
Mus_musc Mus_musc	0.49527	0.850293	1.267549	1.081429	0.932948	0.925159
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.202131	0	0	0.072821	0.046875	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Tmem176l	187.268	181.5372	183.8772	220.2338	222.5846	221.69235
ENSMUSG Aoc1	0.499469	0.368576	0.259879	1.366536	1.037507	1.156239
ENSMUSG 1600015l1	0	0	0	0	0	0.022236
ENSMUSG Apt	28.4346	24.41088	27.14394	32.38171	28.54991	33.586799
ENSMUSG Malsu1	3.372394	3.889146	3.707695	4.094229	4.081432	4.293093
ENSMUSG Gpnmb	5.06597	3.631239	5.726755	53.45401	45.22054	60.967266
ENSMUSG Tra2a	44.16742	51.06471	55.09672	37.11753	37.13281	41.203958
ENSMUSG Rab42	0.259439	0.433323	0.23065	0.775412	0.325324	0.658811
ENSMUSG Npy	1.12088	0.794993	1.170913	3.80901	2.101374	2.443885
ENSMUSG Snai3	0.189163	0.256525	0.330961	0.285502	0.133253	0.206927
ENSMUSG Runx1t1	1.476028	1.413424	1.464518	1.376803	1.122691	0.861624
ENSMUSG Bcl2l2	39.29232	38.67533	39.74631	27.34371	26.56847	28.366745
ENSMUSG Vmn2r67	0	0	0	0	0	0
ENSMUSG Olfr854	0	0	0	0	0	0
ENSMUSG H2a1g	0	0	0	0	0	0
ENSMUSG Gm2310	0	0	0	0	0	0
ENSMUSG Klf4	84.67336	66.64444	94.29395	29.1294	33.05353	36.107298
ENSMUSG Ap1m1	23.22487	21.3353	23.64059	20.82051	21.24616	20.562125
Mus_musc Mus_musc	0.524059	0	0	0.772215	1.595817	1.952462
ENSMUSG Cdkn1b	37.70066	38.28217	36.79623	34.24354	34.47021	28.593808
Mus_musc Mus_musc	0.811383	0.145047	0.252828	0.512552	0.441388	0.403049
ENSMUSG Rab8a	13.99021	14.56759	16.13751	15.60927	16.03402	16.552206
Mus_musc Mus_musc	0.205014	0.277392	0.189345	0.525366	0.516014	0.247238
Mus_musc Mus_musc	0.18944	0.030575	0.11651	0.538596	0.671581	0.635243
ENSMUSG Hmgn2	15.799	11.33308	12.71157	10.98415	9.848006	13.113027
Mus_musc Mus_musc	0	0.056747	0	0	0	0.03
Mus_musc Mus_musc	1.008802	0.809623	0.401713	0.476548	0.600786	0.564495
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Kcna3	5.515984	4.385077	3.022998	5.685077	5.495547	4.595553
ENSMUSG Gp5	0.994076	0.880483	1.395549	0.776538	0.562456	0.599255
ENSMUSG Ndufb2	9.4483	10.62634	12.01461	8.33358	12.66148	11.260396
ENSMUSG Wdr5b	2.742578	1.954752	2.628244	2.610127	2.485187	1.657905
ENSMUSG Tkfc	2.968816	2.156766	2.600627	3.121788	3.007554	3.505152
ENSMUSG Tulp4	14.5421	14.96751	12.65903	11.6719	13.168	11.212735
ENSMUSG Smim26	10.18124	8.764832	12.56297	8.662014	7.868825	7.239575
Mus_musc Mus_musc	0.026425	0	0	0	0.331416	0
Mus_musc Mus_musc	0.17144	0.08598	0	0.186527	0	0
Mus_musc Mus_musc	0.150892	0.10217	0.16327	0.287081	0.214302	0.12607
Mus_musc Mus_musc	0	0	0	0.261678	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.448962	0.570685	0.322499	0.484935	0.363883	0.648112

Mus_musc Mus_musc	0.810323	0.663862	0.76866	0.651867	0.499889	0.488998
Mus_musc Mus_musc	0.344572	0.198401	0.326169	0.278327	0.20262	0.130527
Mus_musc Mus_musc	0	0	0	0.19223	0.240131	0.145861
Mus_musc Mus_musc	0.273631	0.333088	0.155974	0.146423	0	0.176649
ENSMUSG Rbpjl	8.13524	6.377447	7.609206	6.868512	5.472023	7.027068
ENSMUSG Svs5	0	0	0	0	0	0
ENSMUSG Slpi	28.88471	27.15049	31.80916	728.0751	938.4051	776.40683
ENSMUSG Svs3a	0	0.030475	0	0	0	0
ENSMUSG Svs6	0	0	0	0	0	0
ENSMUSG Sdc4	53.7488	56.76569	49.62083	53.27917	53.91585	57.422771
ENSMUSG Gm5930	0	0.076094	0	0	0	0
ENSMUSG Gm11077	0	0	0	0	0	0
ENSMUSG Gm8257	0	0	0	0	0	0
ENSMUSG Slco1a6	0.035135	0.27964	0.050591	0.035731	0.038731	0.097623
ENSMUSG Gm6614	0	0	0	0	0	0
ENSMUSG Tmppe	3.782237	3.657018	4.343903	3.699202	4.376645	4.105268
ENSMUSG Gm15217	1.424443	1.17664	0.705413	0.843971	0.565292	0.902668
ENSMUSG Gm3676	0	0	0	0	0	0
Mus_musc Mus_musc	0.082499	0.154835	0.586962	0.36897	0.090062	0.372387
Mus_musc Mus_musc	0.668106	0.734284	0.374913	0.254966	0.352641	0.226253
Mus_musc Mus_musc	0.537941	0.334519	0.599863	0.807139	1.023939	0.369706
ENSMUSG ltga2	4.959514	4.828373	5.055199	3.812132	4.043197	3.710802
Mus_musc Mus_musc	212.9907	178.2255	274.2476	198.6943	140.1215	139.50917
ENSMUSG Mocs2	25.17032	22.87431	26.08149	21.54919	21.74746	20.675608
ENSMUSG Mettl24	9.291385	6.59392	10.04726	6.09876	4.456746	4.309284
ENSMUSG Gm5678	0	0	0	0.019829	0	0
ENSMUSG Gm6657	0	0.053464	0	0	0	0
ENSMUSG Olfr827	0	0	0	0	0	0
ENSMUSG Shh	4.255507	3.690269	3.427262	5.061688	4.846722	5.662029
ENSMUSG Pdcd2l	10.51698	9.239729	8.962618	10.23692	7.89377	9.459279
ENSMUSG Hao	2.065162	1.11597	1.875038	2.120683	1.985647	2.004451
ENSMUSG Smim7	17.32286	17.5858	17.47694	17.05933	17.25278	16.299542
ENSMUSG Grid1	0	0.028002	0	0.082445	0.09488	0.174462
ENSMUSG Rwd2b	2.262929	1.859238	1.584081	2.03527	1.681997	2.708794
ENSMUSG 4930432K	0.292021	0.371686	0.690477	0.435041	0.385891	0.266608
ENSMUSG Fzd7	15.42982	15.55537	14.88826	12.60765	12.52618	12.953917
ENSMUSG Nacad	0.710384	0.69701	0.553083	0.482813	0.54775	0.622575
ENSMUSG Htr2c	0.448303	0.469848	0.450864	0.036127	0.10797	0.031722
ENSMUSG Pin4	14.82295	13.82456	13.35667	13.4133	9.799726	11.975307
ENSMUSG Nhsl2	2.736227	2.487554	2.444036	2.289657	2.242727	2.420563
ENSMUSG Ucn3	0	0	0	0	0	0
ENSMUSG Med12	10.45383	10.2642	9.60997	9.916004	10.00136	10.960398
ENSMUSG Phyhd1	5.071191	4.744994	3.377535	5.836034	5.797526	4.73827
ENSMUSG 1700049E1	0	0	0	0	0	0
ENSMUSG Adam28	4.106201	5.095344	2.492384	6.624403	6.668552	7.262423
ENSMUSG Gm5431	1.68769	1.829219	2.966344	4.287971	3.467451	3.038878
ENSMUSG Tbx2	83.00231	61.37126	77.9166	41.3846	47.8318	41.093037
ENSMUSG Olfr1124	0	0	0	0	0	0
ENSMUSG Tbx4	25.75231	23.77398	25.65446	17.44726	18.69399	14.601947
ENSMUSG Tmem37	20.15737	16.46169	19.04146	16.51972	17.63837	19.021339
ENSMUSG Olfr1317	0	0	0	0	0	0
ENSMUSG Wdr47	7.360348	7.696677	7.330956	5.668138	5.89288	5.34175
ENSMUSG Ppp1ca	167.6657	175.6406	172.4012	174.9614	177.5234	186.96869
ENSMUSG Khl32	0.310411	0.206243	0.198884	0.333829	0.266147	0.325208
ENSMUSG Cbln3	0	0.026132	0.008422	0.010728	0	0
ENSMUSG Aqr	14.62654	13.20705	13.08337	11.87915	11.88189	12.156524
Mus_musc Mus_musc	0	0	0	0.348032	0	0
Mus_musc Mus_musc	0.330071	0.336892	0.289088	0.451053	0.628498	0.611741
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0.351698	0.045647	0.099504	0	0	0
Mus_musc Mus_musc	0.613509	0.527232	0.697319	0.69482	0.355854	0.42925
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Nol4	0.020502	0.089282	0.029227	0	0.041984	0

ENSMUSG Slc16a6	2.664186	2.830797	2.49915	14.02073	15.51601	13.40947
ENSMUSG Metap1d	5.363664	5.042385	5.391378	5.128668	4.36909	4.519116
ENSMUSG Rnpep	25.02781	26.25294	26.52087	29.29275	33.75562	34.949691
ENSMUSG Acad11	7.404436	8.769658	7.041219	7.51147	7.223035	7.677452
ENSMUSG Gja6	0.079799	0.048274	0.13669	0.075922	0.047298	0.045202
ENSMUSG Tmem191c	1.706924	1.816985	2.630132	2.567137	1.341865	1.813208
Mus_musc Mus_musc	0.310097	0.140773	0.325424	0.442878	0.51427	0.267555
Mus_musc Mus_musc	9.794613	10.33285	11.67164	0.584116	1.422585	10.700985
Mus_musc Mus_musc	1.895593	2.662764	1.781593	4.110515	5.157188	4.460221
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.216019	0.305383	0.697187	0.049539	0	0
Mus_musc Mus_musc	0.440191	0.301745	0.541042	0.401377	0.393956	0.614303
Mus_musc Mus_musc	0.100785	0	0.202723	0.257544	0.112015	0.323431
ENSMUSG Negr1	0.658686	0.781549	0.430392	0.578055	0.522948	0.256928
ENSMUSG Disp2	1.150554	0.780043	0.833358	1.192498	0.932786	1.06397
ENSMUSG Nup43	2.440753	2.954255	2.612862	2.77932	2.647954	2.728849
ENSMUSG Stat2	13.7091	12.71514	31.17546	18.83254	12.53014	13.770411
ENSMUSG Olfr55	0	0	0	0	0	0
ENSMUSG Vmn2r101	0	0	0	0	0	0
ENSMUSG Gm4791	0	0	0	0	0	0
ENSMUSG Cyp2d22	17.00462	14.32317	16.51279	9.139136	8.932477	7.897976
ENSMUSG Slc22a12	0.371333	0.255388	0.331288	0.118109	0.309439	0.157054
ENSMUSG D130043K	0.424218	0.497619	0.180113	0.442167	0.27589	0.282631
Mus_musc Mus_musc	0.142659	0.235901	0.143395	0.639991	0.647367	0.369024
Mus_musc Mus_musc	0	0	0	0.062205	0.342973	0.163767
Mus_musc Mus_musc	30.34352	32.34236	32.59525	30.71799	26.06199	27.554766
Mus_musc Mus_musc	54.51016	59.4205	61.60641	51.69141	54.39055	55.819412
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Fbxw5	16.1107	16.25407	16.21426	16.90699	15.09116	16.389799
ENSMUSG Npdcc1	42.63845	42.463	44.96077	35.61808	35.72763	39.043639
ENSMUSG Clic3	165.9103	136.875	148.5064	83.88544	79.35799	91.984726
ENSMUSG Edf1	102.7618	101.3143	105.5606	111.5682	106.0203	112.09009
ENSMUSG Ptgds	0.182397	0.711415	0.174186	0.106418	0.265845	0.262276
ENSMUSG Gm13290	0	0.010383	0	0.006741	0.013693	0.015146
ENSMUSG Btdb35f17	0	0	0	0	0	0
ENSMUSG Usp34	15.92258	16.58084	13.45079	14.92876	14.38113	14.825599
ENSMUSG Krtap3-1	0	0	0	0	0	0
ENSMUSG Acot10	0.073402	0.142764	0.029786	0.135748	0.038505	0.03595
ENSMUSG Mmp10	0	0	0	0	0	0
ENSMUSG Zfp746	10.43065	10.89497	10.69109	8.519424	8.19124	8.184877
ENSMUSG Vmn1r53	0	0	0	0	0	0
ENSMUSG Tas2r131	0	0	0	0	0	0
ENSMUSG Tarm1	0.063085	0.1678	0.402382	0.96649	0.991141	1.33123
ENSMUSG Dis3l2	6.191458	5.578338	4.105133	4.368923	4.388948	5.062407
ENSMUSG Fcfd	5.839357	6.535267	6.266814	5.336514	5.64582	5.513889
ENSMUSG Phb	29.39656	29.62515	32.62825	25.14258	26.39847	29.115711
ENSMUSG Kif16b	8.63485	9.124257	7.176183	7.737182	7.208846	7.337643
ENSMUSG Birc7	0.059538	0	0	0	0	0
ENSMUSG Gcnt1	1.643173	1.572155	1.647329	2.252402	2.408612	2.797184
ENSMUSG Ythdf1	22.5301	20.64635	19.11847	17.55482	16.55585	17.233428
ENSMUSG Kpna2	15.81432	16.31016	17.9684	17.84621	18.85032	19.555889
ENSMUSG Smurf2	51.98581	55.83961	50.47431	39.45622	40.65444	40.923653
ENSMUSG Mtrex	17.66559	19.72602	16.57082	16.0681	16.06026	15.424425
ENSMUSG 4931406P	44.04271	42.59867	38.08596	27.31759	27.98134	27.348798
ENSMUSG Fate1	0	0	0	0	0.045324	0
ENSMUSG Adamtsl3	3.914008	3.406878	3.82441	2.292781	2.374387	2.098028
ENSMUSG Sapcd2	0.180089	0.314107	0.341282	0.97407	1.031623	1.515134
ENSMUSG Zfp869	11.77568	11.37735	11.60092	9.641918	10.67487	9.2999
ENSMUSG Mmrrn1	3.058627	3.560977	3.077058	4.440719	4.61369	3.595513
ENSMUSG Slc8a1	3.07783	2.157718	2.62802	2.943107	2.854266	2.57245
ENSMUSG Zfp39	1.27755	1.344097	1.140254	1.401837	1.267444	1.108527
ENSMUSG Tlnrd1	17.95091	15.82236	17.51999	14.18923	14.75173	14.857491
ENSMUSG Scrt1	0	0	0	0	0.025574	0
ENSMUSG Osr1	2.760193	2.700336	2.642948	3.026428	3.408166	2.926383

ENSMUSG Tns2	82.98561	75.31952	75.96829	35.75649	40.29898	35.897961
ENSMUSG Gm21943	0	0	0	0	0	0
ENSMUSG Szt2	5.853809	5.973334	5.300164	6.046783	5.936064	5.848094
ENSMUSG Olfr291	0	0	0	0	0	0
ENSMUSG Gm5134	0	0.058233	0.091254	0.221107	0.377463	0.238897
ENSMUSG Fam171b	0.159395	0.206644	0.119435	0.166081	0.192844	0.187533
ENSMUSG Ttll4	4.133473	4.667305	4.650285	4.406869	3.94752	3.677337
ENSMUSG Shf	1.527862	1.742652	1.471353	1.172746	1.294514	1.80161
ENSMUSG Lats2	44.41792	43.29963	43.41569	26.96504	27.49948	26.090225
ENSMUSG Pinx1	2.783083	3.346068	4.373946	4.096435	3.483723	3.638354
ENSMUSG Eef1akmt1	8.709488	8.635006	10.11918	9.630805	9.505186	11.837838
ENSMUSG Anxa8	7.344378	11.44864	5.906295	20.86423	18.84357	21.509318
ENSMUSG Tdh	0	0	0	0	0	0
ENSMUSG Xpo4	4.434325	4.52941	4.096749	3.72843	3.53653	3.815848
ENSMUSG Tkt	45.48069	44.18763	40.22996	56.27776	57.32281	65.201518
ENSMUSG Pdxp	0.929892	0.741163	0.824588	0.261423	0.517123	0.812473
ENSMUSG Gm49403	0	0	0	0	0	0
ENSMUSG Olfr718-ps	0	0	0	0	0	0
ENSMUSG Lrrc73	0.50834	1.400395	0.994622	0.778398	0.896309	1.201792
ENSMUSG Ptges3	37.16841	47.51191	46.83042	39.97051	37.62202	40.079483
ENSMUSG Jund	150.492	101.0115	114.4512	90.90101	100.5378	112.37449
ENSMUSG Yipf3	30.84927	32.32468	32.37092	33.78976	32.53575	33.467209
ENSMUSG Nr2c2ap	4.069772	4.024245	4.343996	4.237115	4.270922	5.858585
ENSMUSG Aldh3a1	8.864775	12.97402	6.129312	6.357032	6.213204	4.957331
ENSMUSG Vmn2r90	0	0	0	0	0	0
ENSMUSG Iqce	3.872423	3.954503	3.562194	4.347515	3.908893	4.265054
ENSMUSG Stpg4	0	0.078521	0	0	0	0
ENSMUSG Akap14	1.444825	1.893719	0.934527	1.966179	2.137526	1.921852
ENSMUSG Cnot1	24.40781	24.7831	21.37282	24.35174	23.95206	24.76065
ENSMUSG Sh3tc1	16.97493	14.76482	16.82786	12.01445	12.94132	13.866359
ENSMUSG Ermard	6.124177	3.793279	6.833877	6.883646	6.396761	6.791301
ENSMUSG Gm8180	0	0	0	0	0	0
ENSMUSG Cyp4f17	2.046744	2.086052	2.607035	2.357595	3.139199	2.935883
ENSMUSG Nod2	0.52238	0.776451	1.584997	1.845122	1.336618	1.594381
Mus_musc Mus_musc	0	0	0.168936	0	0	0.212253
ENSMUSG Zkscan5	2.935828	3.486302	3.370928	2.89681	3.385251	3.014164
ENSMUSG Mtx2	5.316828	5.12822	4.517725	5.47738	6.816422	5.540603
ENSMUSG Lrrc71	1.228525	1.290342	1.352809	1.891078	1.64478	1.915543
ENSMUSG Noct	1.315622	1.333448	1.88027	1.323043	1.985908	1.433636
ENSMUSG Rnf141	53.25361	48.70028	44.05119	33.33631	30.84462	31.57395
ENSMUSG Itgax	13.97015	12.16023	14.55602	85.60147	92.43447	93.517666
ENSMUSG Itgam	5.280033	3.874684	6.939831	11.95492	9.357817	14.129259
ENSMUSG Lyve1	116.78	81.14136	84.14069	62.64161	105.2385	60.04026
ENSMUSG Cox6a2	6.939306	15.41701	9.107035	7.480145	7.045993	7.438416
ENSMUSG Ndufa5	16.83029	21.58884	19.01002	18.87746	15.89745	13.80296
ENSMUSG Abcc1	5.743262	5.245011	4.879852	5.024212	4.713924	5.006301
ENSMUSG BC017158	8.047027	8.302443	8.774572	8.639667	8.551519	7.884333
ENSMUSG Slc5a2	0	0	0	0.008641	0	0
ENSMUSG Asb13	8.481409	7.851297	9.115591	7.254698	6.464154	6.132579
ENSMUSG Vmn1r113	0	0	0	0	0	0
ENSMUSG Vmn2r95	0	0	0	0	0	0
ENSMUSG Dysf	4.59742	4.563733	5.125988	3.64033	3.402752	3.636562
ENSMUSG Akain1	0	0	0	0	0	0
ENSMUSG Vmn2r13	0	0	0	0.012299	0	0
ENSMUSG Kcnk3	10.12563	9.151134	10.83399	6.489876	6.743066	5.352324
ENSMUSG Nkpd1	0.067062	0.1215	0	0.030793	0.085407	0.056237
ENSMUSG Csf3	0	0	0	0	0	0
ENSMUSG Mturn	16.68987	17.86775	13.03357	10.16185	10.53088	9.439936
ENSMUSG Cldn22	0	0	0	0	0	0.000376
ENSMUSG Dlec1	1.271225	1.634772	0.915259	2.299853	2.033203	2.273772
ENSMUSG Cdkn2aip	6.86301	7.147567	6.497126	5.696138	6.608222	6.384749
ENSMUSG Rnf144b	13.9417	12.4694	12.21625	11.25295	12.14058	12.115197
ENSMUSG Prf1	3.947008	2.120658	18.64549	4.252178	2.296878	3.060663
ENSMUSG Islr	5.076173	4.614079	5.608028	4.775346	4.144653	4.933561

ENSMUSG Sspn	10.41361	10.06832	8.476186	7.094152	6.292467	6.758289
ENSMUSG Atg101	18.3678	18.03738	20.22766	16.03327	17.65318	17.683032
ENSMUSG Srgap3	0.843232	1.037399	0.92855	1.157471	1.169196	1.145155
ENSMUSG Rassf8	24.758	25.55793	24.86877	17.12194	16.71203	17.531561
ENSMUSG Adgrg1	26.70546	25.43938	25.70623	22.013	22.49916	24.735254
ENSMUSG Katnb1	4.313935	4.242795	4.802397	4.568953	5.113143	4.488083
ENSMUSG Drc7	3.250448	3.545762	2.31285	3.586748	3.611561	4.16949
ENSMUSG Ciapin1	11.09867	10.87012	10.28076	8.546898	8.29247	6.699035
ENSMUSG Ccl17	3.314694	1.235375	2.016059	7.834451	13.81233	8.139313
ENSMUSG Polr2c	22.51843	22.42127	23.15699	19.57157	18.03677	19.413165
ENSMUSG Coq9	11.85847	15.64471	13.05084	16.27126	16.67184	17.277467
ENSMUSG Cngb1	0.560728	0.48335	0.284112	0.725569	0.688102	0.840095
ENSMUSG Kifc3	40.45863	42.04266	41.85325	27.57507	27.46144	27.628503
ENSMUSG Gm1673	0.889654	1.580046	1.707529	2.325708	1.788604	1.91785
ENSMUSG Olfr1121	0	0	0	0	0	0
ENSMUSG Olfr1150- μ	0	0	0	0	0	0
ENSMUSG Olfr1115	0	0	0	0	0	0
ENSMUSG Olfr1113	0	0	0	0	0	0
ENSMUSG Olfr1116	0	0	0	0	0	0
ENSMUSG Tmem189	26.87445	25.37441	27.18935	29.49114	30.53602	32.579571
ENSMUSG Itga10	0.279794	0.299507	0.285214	0.187471	0.273754	0.266436
ENSMUSG 3830403N	0	0.239315	0.045953	0.243486	0.172627	0.149764
ENSMUSG Trim34b	4.232102	5.18563	5.080724	3.48759	4.147578	3.312779
ENSMUSG Slc9a9	2.3929	1.84715	2.278787	2.442197	2.540588	2.841158
ENSMUSG 4930516K ζ	0	0	0	0	0	0
ENSMUSG Pla2g3	0.119943	0.109191	0.164987	0.404496	0.219023	0.294038
ENSMUSG Inpp5j	0.411723	0.43354	0.227036	1.3716	1.282797	1.437425
ENSMUSG Ptpn13	13.56997	16.84165	11.43638	10.62628	10.29917	11.387705
ENSMUSG Tent4a	8.281286	8.476574	8.066066	6.094096	6.312873	5.558525
ENSMUSG Daam1	24.82064	26.90863	22.62428	18.67641	19.61131	17.815765
ENSMUSG Spata16	0	0	0	0	0	0
ENSMUSG Morc2b	0	0	0	0	0	0
ENSMUSG Tex19.2	0	0	0	0.025516	0	0
ENSMUSG Tsga10ip	0.115833	0.047528	0.109273	0.107197	0	0
ENSMUSG Mfsd4b2	0	0.020259	0.02218	0.020486	0.024429	0
ENSMUSG Npsr1	0	0	0	0	0	0
ENSMUSG Cd200r4	4.105861	2.75669	4.564793	5.62105	6.818374	5.655279
ENSMUSG Rpl13a-ps	0	0.037821	0.04113	0.085302	0	0
ENSMUSG Tmem47	13.12467	12.2983	11.57369	8.180829	8.372302	7.387958
ENSMUSG Rps6ka6	0.714795	0.575053	0.480841	0.247754	0.356951	0.449409
ENSMUSG Nrde2	4.258291	4.020966	4.587175	3.958314	3.909388	4.155043
ENSMUSG Psmc1	62.85846	68.33976	69.29342	57.89096	57.2306	56.439133
ENSMUSG Esyt2	27.79562	25.96925	25.17117	20.20415	22.19565	21.722256
ENSMUSG Tdp1	5.599052	5.69638	5.647264	5.446987	5.431778	6.263836
ENSMUSG Efcab11	0.363523	0.404428	0.401881	1.059488	0.389183	0.715993
ENSMUSG Cdca7l	1.513553	1.057786	1.756017	1.962589	1.615371	1.905229
ENSMUSG Fthl17e	0	0	0	0	0	0
ENSMUSG Ssxb5	0	0	0	0	0	0
ENSMUSG Col4a3bp	24.3961	23.30297	21.63902	19.41024	21.26911	20.057157
ENSMUSG Myl12a	183.4483	165.3538	179.4346	112.5433	100.8217	99.457156
ENSMUSG Obox2	0	0	0	0	0	0
ENSMUSG C5ar2	0.397449	0.5218	0.659855	0.413498	0.41264	0.284142
ENSMUSG Sik1	36.12093	23.5576	30.01292	12.69469	16.8912	14.660242
ENSMUSG Arhgap28	2.751735	3.136656	2.678663	2.587422	3.024113	2.440663
ENSMUSG Epb41l3	11.89082	8.108662	8.23398	5.187254	3.869959	4.390418
ENSMUSG Akap8	23.69378	22.51272	25.61681	19.21568	18.93768	19.430992
ENSMUSG Obox5	0	0	0	0	0	0
ENSMUSG Obp2b	0	0	0	0	0	0
ENSMUSG N6amt1	5.066942	4.331873	4.269988	5.151329	3.878568	3.832099
ENSMUSG Mkrn2os	0.077043	0.110301	0.046809	0.143307	0.469056	0.169348
ENSMUSG Olfr1442	0	0	0	0	0	0
ENSMUSG Dock5	5.697294	5.577281	5.317714	4.252132	3.874614	4.782604
ENSMUSG Pfn3	0	0	0	0	0	0
ENSMUSG Ttc19	4.83757	5.351726	4.577163	4.79155	4.506364	4.397133

ENSMUSG Gm5617	4.652981	6.895677	6.880251	10.99317	7.618525	8.321334
ENSMUSG Mkl1	9.643881	8.324953	9.97509	9.95276	10.47378	10.588103
ENSMUSG 493058310	0	0	0	0	0	0
ENSMUSG Irf2bpl	30.22055	32.48489	30.70503	22.18799	22.77956	24.045294
ENSMUSG S1pr4	11.07455	9.428063	11.88982	9.587735	8.441921	8.085823
ENSMUSG Gpr146	52.25568	35.63409	45.95371	27.06526	24.85786	25.398968
ENSMUSG Rnf169	5.294478	5.815842	5.142698	4.576063	4.877119	4.515101
ENSMUSG Olfr1314	0	0	0.034363	0	0	0
ENSMUSG Olfr1313	0	0	0	0	0	0
ENSMUSG Acot7	39.03809	35.94418	36.14544	44.34831	43.96654	61.99377
ENSMUSG Cldn13	0	0.043386	0.094997	0	0.052491	0
ENSMUSG Ltbp1	8.244087	7.156419	9.490904	7.851323	8.323496	7.569673
Mus_musc Mus_musc	0.106881	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Impa1	11.33749	11.37339	12.42628	11.42481	10.76453	12.396063
ENSMUSG Fabp12	0.555793	0.802799	0.645764	0.447417	0.623321	0.492038
ENSMUSG Fabp5	24.64965	25.07909	24.41513	70.61256	71.25964	95.170082
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Gm10801	0	0	0	0	0	0
ENSMUSG Gm10800	0	0	0.226095	0	0	0
ENSMUSG Chmp4c	6.574169	6.672084	6.166029	4.557057	4.480493	3.834061
ENSMUSG Copz2	13.02888	10.16025	11.79217	9.803653	9.829813	10.214023
ENSMUSG Atp4a	0	0	0	0	0.048213	0
ENSMUSG Snx17	47.93483	44.37688	46.20055	38.81716	38.54949	41.359617
ENSMUSG Dok4	27.45243	26.23432	28.94628	17.20242	18.94232	18.169103
ENSMUSG Nrl	0	0	0	0	0	0
Mus_musc Mus_musc	0.493582	0.348577	0.205482	0.493134	0.084801	0.644183
Mus_musc Mus_musc	0	0	0.106287	0	0.329457	0
ENSMUSG Myh13	0.051684	0.05287	0.031212	0.746997	0.156188	0.400081
Mus_musc Mus_musc	0	0	0.097652	4.237084	0.9004	3.197393
ENSMUSG Las1l	17.5446	18.07184	19.40112	15.91033	14.39668	15.79883
ENSMUSG Tnfrsf11a	1.070025	1.227905	1.28085	3.092257	2.835072	3.195194
ENSMUSG Olfr657	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.183167	0	0.426816	0.340907	0.448444
ENSMUSG Olfr934	0	0	0	0	0	0
ENSMUSG Gm4767	0.670777	0.859657	0.703806	0.526889	0.438419	0.58985
ENSMUSG Ugt2b37	0	0	0	0	0	0
ENSMUSG Olfr661	0	0	0	0	0	0
ENSMUSG Gm37013	0	0	0	0	0	0
ENSMUSG Abhd17b	13.41405	14.41623	12.65069	11.83626	11.5139	11.691696
ENSMUSG Dnah14	0.012933	0.00952	0.008055	0.010114	0.009037	0
ENSMUSG Cstad	0.210301	0.112293	0.10788	0.372042	0	0.204426
ENSMUSG Gm973	2.528575	3.114674	1.666119	3.703889	4.154129	2.933054
ENSMUSG Aida	13.74913	13.25532	17.56932	13.06534	12.0289	12.01791
ENSMUSG Foxo4	22.75011	23.68189	21.83676	19.34116	18.96415	16.790596
ENSMUSG Vars	14.62485	13.04178	13.8329	21.55268	17.56556	20.555021
ENSMUSG Nifk	10.997	11.42379	10.93904	11.26954	9.715908	12.876218
ENSMUSG Olfr648	0	0	0	0	0	0
ENSMUSG Syngn3	0.107078	0.140802	0	0.024176	0	0.055865
ENSMUSG Olfr651	0	0	0	0	0	0
Mus_musc Mus_musc	0.344991	0.273393	0.255563	0	0.073786	0
Mus_musc Mus_musc	2.377827	1.768647	2.348959	1.35995	1.377599	1.275668
Mus_musc Mus_musc	0.094753	0.184722	0.227014	0.251768	0.253174	0.105397
Mus_musc Mus_musc	0	0.175071	0.168936	0	0	0
Mus_musc Mus_musc	0.050323	0	0	0	0.467237	0.065281
Mus_musc Mus_musc	0	0	0	0.348032	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.094443	0	0	0	0	0.251163
ENSMUSG Mapk4	0.238622	0.17518	0.22947	0.13563	0.134025	0.231696
ENSMUSG CK137956	0	0	0	0	0	0
ENSMUSG Olfr1269	0	0	0	0	0	0
ENSMUSG Zfp831	0.348875	0.179925	0.276823	0.587134	0.486729	0.572786
ENSMUSG Vmn2r82	0	0	0	0.008755	0	0
ENSMUSG Zfp61	2.527923	2.787398	2.98094	2.634485	3.038267	2.505713

ENSMUSG Rasl2-9	0	0.091397	0	0.234827	0.099336	0.054547
ENSMUSG Ccdc166	2.794202	2.785795	2.907872	2.27615	2.447867	2.719775
ENSMUSG Il17c	0.034089	0.226014	0.069119	0.161431	0.225641	0.17189
ENSMUSG Mcmdc2	0	0	0	0	0	0.034241
Mus_musc Mus_musc	0.225232	0.217587	0.19932	0.075115	0.11994	0.12681
Mus_musc Mus_musc	0.365536	0.569964	0.566668	0.399053	0.270804	0.496615
ENSMUSG Ctsz	84.24137	84.61688	99.0794	252.6734	265.6361	305.28818
ENSMUSG Prelid3b	18.08788	16.98886	19.90833	17.17304	17.61305	19.888712
Mus_musc Mus_musc	0	0	0	0	0	0.195046
ENSMUSG Atp5e	73.57523	83.09737	77.98498	100.6051	85.99001	96.546188
ENSMUSG Nelfcd	12.67672	12.48698	14.05431	14.26727	12.04791	12.679716
ENSMUSG Krt23	12.18221	11.14226	10.39242	12.45667	12.2766	14.995174
Mus_musc Mus_musc	0.761824	0.913389	0.850496	0.711984	0.701961	0.919712
Mus_musc Mus_musc	0.274037	0.053974	0.204541	0.127586	0.110508	0.334509
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.206637	0	0	0.178412	0	0
Mus_musc Mus_musc	2.016931	1.487002	1.769838	0.758058	0.868248	1.091441
Mus_musc Mus_musc	0.72593	0.519516	0.797131	0.260512	0.456515	0
ENSMUSG Kik8	5.658309	5.232847	4.483587	3.518891	3.621867	4.371901
ENSMUSG Cse1l	15.35101	15.34628	15.01076	15.71395	16.08756	15.438062
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.054875	0.131445	0	1.850145	0
Mus_musc Mus_musc	0.458958	0	0.294639	0	0.503312	0.245186
Mus_musc Mus_musc	0	0.308619	0	0	0	0
ENSMUSG Gm17577	0	0	0	0	0	0
ENSMUSG Olfr1513	0	0	0	0	0	0
ENSMUSG Gm21310	0	0	0	0	0	0
ENSMUSG Cyp51	7.472296	7.727677	9.06858	12.16186	10.14659	14.493979
Mus_musc Mus_musc	0	0.209654	0.209501	0.088859	0.108951	0
ENSMUSG Gm6096	0	0.063619	0.155229	0.154172	0.218627	0.211653
Mus_musc Mus_musc	0	0	0	0.867202	1.145587	0.796241
ENSMUSG Gm5142	0	0	0	0	0	0
ENSMUSG Gm9925	0.158834	0	0.052465	0.122496	0	0.032414
ENSMUSG Slc51b	0.365001	0.318149	0.284566	0.103354	0.033671	0.141619
ENSMUSG Mepe	0	0	0	0	0	0
ENSMUSG Mfsd7a	1.244021	1.264007	1.646387	1.71213	1.647552	1.957016
ENSMUSG Myh9	142.4791	122.3871	133.6079	109.6195	109.2349	118.29615
Mus_musc Mus_musc	0.433228	0.360815	0.415995	0.081722	0.233595	0
Mus_musc Mus_musc	0.619079	0.436274	0.575151	0.456133	0.44297	0.734512
ENSMUSG Capns1	167.3653	162.0568	169.9123	129.221	120.7458	137.80805
ENSMUSG Tnfaip1	49.34665	45.33836	44.37475	38.03468	36.78559	42.107317
ENSMUSG Gm3149	0	0	0	0	0	0
ENSMUSG 2610042LC	0	0	0.028037	0	0.014848	0
ENSMUSG Luzp4	0	0	0	0	0	0
ENSMUSG Gm3173	0.264113	0	0	0	0	0
ENSMUSG Gm8271	0	0	0	0	0.037025	0
ENSMUSG Gm3298	0	0	0	0	0	0
ENSMUSG Gm3443	0	0	0	0	0	0
Mus_musc Mus_musc	0.036559	0.103808	0.480393	0.140479	0.085539	0.529787
Mus_musc Mus_musc	8.427304	7.430126	7.003777	5.96716	5.343558	6.474557
Mus_musc Mus_musc	6.613285	7.970759	10.33913	7.076321	5.35497	7.18184
Mus_musc Mus_musc	0.272973	0.292987	0.127793	0.201896	0.316654	0.181395
Mus_musc Mus_musc	0	0	0.252231	0.158065	0.268111	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0.172335	0.250713	0.139213	0.21106	0.244495
Mus_musc Mus_musc	0.487291	0.437568	0.451732	0.383245	0.540888	0.491426
ENSMUSG Tgtp1	7.325267	5.913688	81.88875	49.10821	8.240083	10.655579
ENSMUSG Ube2v1	59.62656	49.46237	50.21268	45.35482	46.17877	48.98104
ENSMUSG Ifi47	20.32642	16.53675	115.5921	62.89635	17.98463	22.336965
ENSMUSG Tgtp2	14.57029	11.78905	131.7942	85.19051	12.45261	17.991735
ENSMUSG Cdc20b	0.388482	0.14145	0.616826	1.382946	0.7101	1.407187
ENSMUSG Tex14	0.164108	0.137592	0.152313	0.093305	0.152356	0.087124
ENSMUSG Adprh	12.93353	11.50041	13.36427	11.9282	12.6621	12.852859

ENSMUSG Tmem39a	7.015621	7.581498	7.675083	7.474118	8.646613	9.016013
ENSMUSG Timmdc1	7.558254	8.057386	6.515749	7.039689	7.969021	7.854086
ENSMUSG Pla1a	0.386827	0.510378	0.569967	0.400396	0.146781	0.429022
ENSMUSG Rab5b	55.41084	57.60943	53.50395	49.56649	48.79756	50.892159
ENSMUSG Gm7356	0	0	0	0	0	0
ENSMUSG Prnp	69.03312	69.49098	68.06652	57.66604	53.35963	58.317207
ENSMUSG Alkbh1	3.185676	3.341309	3.982901	3.629572	3.402127	4.020828
ENSMUSG Gm45826	0	0	0	0	0	0
ENSMUSG Mef2b	0.771343	0.436069	0.560561	1.285359	1.755645	1.665636
ENSMUSG BB287469	0	0	0.011713	0	0	0
ENSMUSG Gm11037	0.717653	0.048865	1.095269	0.060906	0.538296	0.420559
ENSMUSG D130040H	0.681178	0.388896	0.460229	0.793903	0.735849	0.898431
Mus_musc Mus_musc	0	0.271512	0.048055	0	0	0
Mus_musc Mus_musc	0	0	0	0.390303	0.998243	0.307595
Mus_musc Mus_musc	0	0	0	0.156821	0.27229	0.160526
Mus_musc Mus_musc	0	0	0	0.162415	0	0.15575
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.327243	0.450856	0.817099	0.44964	0.189232	0.249758
Mus_musc Mus_musc	5.977398	6.210496	7.990139	5.636725	3.48261	4.259675
ENSMUSG Atrn1	19.09088	19.97719	16.57749	12.88061	13.86363	14.052768
ENSMUSG Phf8	8.568216	8.508982	7.851793	7.945667	7.924325	7.186807
ENSMUSG Arhgap12	8.793846	10.05819	8.556646	8.517873	8.601475	8.456503
ENSMUSG Elovl6	1.574536	2.219255	1.440151	1.892128	1.803914	1.563656
ENSMUSG Gm4881	0	0	0	0	0	0
ENSMUSG Abo	0	0	0	0	0	0
ENSMUSG Gm10358	0	0.012304	0	0	0.004481	0
Mus_musc Mus_musc	0	0	0.437189	0	0	0
ENSMUSG Olfr1178	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.066657	0	0	0
Mus_musc Mus_musc	1.231953	1.644468	1.412408	0.663275	0.861982	0.758267
Mus_musc Mus_musc	0	0.036958	0.082825	0	0.311767	0.353501
Mus_musc Mus_musc	0	0	0.168936	0	0	0.152958
ENSMUSG Rbm26	12.85093	13.37157	12.8278	11.43819	10.44808	11.84145
Mus_musc Mus_musc	0	0	0	0.229719	0	0
ENSMUSG Rtp3	7.85786	10.195	9.713514	7.928651	6.727792	5.660714
ENSMUSG Sucla2	24.52086	27.25364	26.15066	22.75173	23.10454	21.876158
ENSMUSG Uchl3	6.666352	6.843454	7.315556	11.26751	9.354182	11.055281
ENSMUSG Gpc5	0	0.026978	0	0	0	0.03402
ENSMUSG Trim52	0	0	0	0	0	0
ENSMUSG Spry2	24.22032	20.1981	20.78097	12.72507	12.11461	11.308701
ENSMUSG Slain1	3.23765	2.516971	2.584965	3.980819	4.262788	4.422046
ENSMUSG Fmo2	400.1715	418.8417	374.061	224.6848	249.7661	195.33182
ENSMUSG Gm4353	3.131948	2.126281	1.132382	2.676991	3.277115	2.222167
ENSMUSG Gm6460	0	0	0	0.366423	0.325086	0.090059
ENSMUSG Plagl2	6.96036	7.258697	7.099846	8.471472	8.019954	7.986481
ENSMUSG Olfr829	0	0	0	0	0	0
Mus_musc Mus_musc	0.792412	1.396884	1.200785	1.078291	1.150655	1.054743
ENSMUSG Olfr1276	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186732	0
ENSMUSG Gm21731	0	0	0	0	0	0
Mus_musc Mus_musc	5.700692	6.415677	6.416881	7.812024	6.734704	6.556051
Mus_musc Mus_musc	0.146247	0	0	0.058005	0	0
Mus_musc Mus_musc	0	0.251509	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.51996	0.11429	0.375003
ENSMUSG Ppcdc	7.919907	5.960445	6.769609	7.200143	5.393339	6.073761
ENSMUSG Pabpc6	0	0	0	0	0	0
ENSMUSG Sh3rf2	8.344836	8.426144	7.723289	5.363983	4.95105	5.647902
ENSMUSG Tmem178l	0.165	0.168265	0.174248	0.032854	0.034601	0.016518
ENSMUSG A830018L	0.240387	0.333722	0.126986	0.180977	0.115812	0.159481
ENSMUSG Olfr695	0	0	0	0	0	0
ENSMUSG 9630041A	0	0	0	0	0	0
ENSMUSG Msx3	0	0.014344	0	0.35431	0.384597	0.937849
ENSMUSG Caly	0	0.036174	0	0	0	0
ENSMUSG Vmn1r38	0	0	0	0	0	0

ENSMUSG Cd163l1	0.600079	0.447202	0.244307	0.693243	0.359602	0.488941
ENSMUSG Echs1	29.84646	33.41298	31.44388	34.36212	33.06224	34.504635
ENSMUSG Paox	2.50205	2.628641	2.79198	2.302906	2.338227	3.062958
ENSMUSG Prap1	0	0	0	0	0	0
ENSMUSG Fuom	4.756509	3.732373	5.768994	8.544689	9.525018	10.328068
ENSMUSG Zbed6	0.241511	0.954969	0.416719	0.139631	0.148586	0.231895
ENSMUSG Gm21294	0	0	0	0	0	0
ENSMUSG Cdc42se2	40.461	39.36401	40.34469	50.13944	50.24908	49.381269
ENSMUSG Sec24d	11.08993	10.92897	9.756874	16.30223	17.58381	18.045721
ENSMUSG lsg20	25.97889	25.39228	27.61395	26.62022	26.6331	25.328192
ENSMUSG Suv39h1	6.25799	6.853846	7.121675	5.787596	6.561155	5.694549
ENSMUSG Tbcd	10.32682	9.230135	10.38886	8.198023	8.957484	9.560043
ENSMUSG Tbce	8.311326	7.289189	9.077346	7.74548	6.85013	7.388839
ENSMUSG Stx11	6.363363	4.868628	6.063102	5.865474	5.462221	6.063187
ENSMUSG Taf9	2.848926	1.135858	2.120261	3.111859	2.751946	2.466785
ENSMUSG Tgfb2	6.066858	5.531596	5.704094	3.075885	2.447661	3.387145
ENSMUSG Zfp750	0.994728	0.871475	0.391815	1.258387	0.888464	1.016501
ENSMUSG Ppp6r1	38.7862	37.18837	38.13839	40.49076	38.85574	41.736032
ENSMUSG Olfr832	0	0	0	0	0	0.010258
ENSMUSG Gm3183	0	0	0	0	0	0
ENSMUSG Gm20737	0	0	0	0	0	0
ENSMUSG Gsta1	0.391177	0.923518	0.209996	0.321848	0.279078	0.306381
ENSMUSG Olfr1419	0.018279	0.081308	0	0.032129	0	0
ENSMUSG A630073D	0	0	0	0	0	0
ENSMUSG Prb1	0	0	0	0	0	0
ENSMUSG Gm49337	0	0	0	0	0	0
ENSMUSG Chpt1	26.38068	29.55545	21.30752	22.02165	18.99816	18.838931
ENSMUSG Olfr461	0.059883	0.024408	0.026901	0.007379	0	0
ENSMUSG Amn1	7.72312	7.404792	8.02978	5.932903	5.291439	4.843854
ENSMUSG Apol7b	0.049999	0.057372	0.03006	0.03149	0.037997	0.073153
ENSMUSG Aldh5a1	2.204783	2.270699	1.602455	1.912976	1.720895	1.546551
ENSMUSG Pknox2	29.55043	18.62429	37.47893	12.74894	12.38733	17.092915
ENSMUSG Olfr750	0.431683	0.352189	0.438999	0.153233	0.205706	0.256432
ENSMUSG Cog5	14.22897	16.0647	12.71168	16.37026	16.32908	17.045408
ENSMUSG Chst4	1.105396	1.004784	0.77923	0.444265	0.200264	0.256797
ENSMUSG Gsg1l2	0	0	0	0	0	0
ENSMUSG Vmn1r1	0	0	0	0	0	0
ENSMUSG Vmn1r34	0	0	0	0	0	0
ENSMUSG Fam71a	0	0	0	0	0	0
ENSMUSG Tnfsfm13	20.08825	20.09142	17.98413	16.82944	19.44327	22.995075
ENSMUSG Zbtb4	39.58458	39.92344	35.2836	26.50748	27.42207	25.827031
ENSMUSG Capg	33.48778	33.48839	34.18161	110.6364	95.40009	122.27713
ENSMUSG Ndufb7	60.08012	55.40247	61.67675	60.36559	58.37148	63.472118
ENSMUSG Slc26a11	2.496884	2.190991	2.257037	2.435485	3.354262	3.107383
ENSMUSG Eva1c	6.183774	8.059727	5.593797	5.29426	4.832465	3.767226
ENSMUSG Armh3	5.935456	5.230423	5.234863	4.615785	4.469915	4.946248
ENSMUSG Gpr37	0.022682	0.029016	0.016099	0.092186	0.026386	0.040659
ENSMUSG Adat2	1.725168	2.079341	1.958599	2.505074	2.497269	1.571969
ENSMUSG Pex3	11.81279	9.633497	10.41677	9.236205	8.09022	8.343145
ENSMUSG Snx3	99.21214	103.169	109.045	87.12744	93.34641	91.816412
ENSMUSG Aig1	16.64499	15.74133	14.50729	19.88831	18.10727	19.362036
ENSMUSG Sec63	30.92641	29.45681	27.62644	24.54876	25.51798	23.268339
ENSMUSG Nr2e1	0	0	0	0	0	0
ENSMUSG Tnc	0.838512	0.835921	1.218178	1.745863	2.199351	2.866776
ENSMUSG Hmg20b	24.34706	24.98246	27.5454	27.40664	26.8512	28.216081
ENSMUSG Dip2a	10.26187	10.3257	9.962146	8.2573	8.786687	8.67588
ENSMUSG Prmt2	32.91	29.6139	35.24184	20.50065	21.85012	23.25836
ENSMUSG Ctnna2	0	0.041414	0	0	0	0
ENSMUSG Fzr1	10.34367	9.136602	9.090845	9.638712	9.945016	11.812622
ENSMUSG 4930404N	0.939398	0.665165	0.866163	1.692164	1.83398	1.839474
ENSMUSG Ncln	25.63802	25.01624	27.22258	25.52601	24.21207	27.856395
ENSMUSG Olfr1344	0	0	0.034392	0.049203	0	0
ENSMUSG Gm8297	0	0	0	0	0	0
ENSMUSG Tmem120l	2.900596	3.419799	3.319273	2.955324	2.581789	2.802728

ENSMUSG Gimap4	73.92431	61.09113	91.88412	70.75427	59.11645	60.440912
ENSMUSG Olfr450	0	0	0	0	0	0
ENSMUSG Gm21732	0	0	0	0	0	0
ENSMUSG Mcee	14.94437	16.65389	15.02328	16.11703	15.10239	17.204837
ENSMUSG Vmn2r31	0	0	0	0	0	0
ENSMUSG Upb1	0.036469	0.064524	0.036875	0.689734	0.520001	0.666419
ENSMUSG Gm21992	0.485855	0.719471	0.543114	0.767941	0.550882	0.650641
ENSMUSG Eri3	20.80655	17.36373	16.32194	16.81878	16.3845	20.285683
ENSMUSG Antxr1	35.58722	35.7779	29.8346	29.58118	30.89268	32.573249
ENSMUSG Ace3	1.711179	1.494723	2.430524	1.552548	1.830819	1.100542
ENSMUSG Arhgef4	1.292126	1.334822	1.317103	1.479798	1.636937	1.594462
ENSMUSG Fam168b	43.90757	44.04005	42.68066	38.79887	39.76771	39.850563
ENSMUSG Arl14ep	6.44067	5.819036	5.179309	5.579364	5.495038	5.626344
ENSMUSG Tas2r129	0	0	0	0	0	0
ENSMUSG Hist1h2bk	8.74398	13.8023	10.9733	14.7752	12.93964	15.491537
ENSMUSG Neb	0.1132	0.062234	0.108683	0.259495	0.25414	0.378833
ENSMUSG Lrrtm1	0	0.0313	0.05814	0.017649	0.018934	0.025965
ENSMUSG Olfr464	0.055626	0.041757	0.034146	0.122967	0.312065	0.229773
ENSMUSG Ctdsp1	56.02356	56.18933	56.29274	46.60722	46.03315	43.616055
ENSMUSG Slc11a1	2.979432	2.746522	4.882131	7.118726	7.663216	9.399386
ENSMUSG Cnot9	7.950772	8.351493	8.591835	8.908556	8.257084	8.366272
ENSMUSG Vil1	0.287916	0.429438	0.242967	0.120541	0.174504	0.132833
ENSMUSG Fam189a2	36.67366	38.24664	36.37484	30.62274	30.61297	29.535145
ENSMUSG Plcd4	0.812295	0.650858	0.531849	0.301176	0.287737	0.573585
ENSMUSG Cyp27a1	10.1375	10.4777	11.38502	7.804146	6.029441	7.338732
ENSMUSG Rnf25	16.18373	13.01697	14.81312	14.47734	11.68498	13.846137
ENSMUSG Selenot	64.67208	71.81546	72.13685	64.38239	67.3913	62.443295
ENSMUSG Uap111	11.91749	8.112894	9.644191	10.54415	12.0095	13.004655
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Olfr1420	0.033863	0.063899	0.177828	0.212958	0.047538	0.039345
ENSMUSG Angptl6	0.386475	0.876465	0.660758	0.581125	0.642324	0.935816
ENSMUSG Mvb12b	11.28959	10.89474	9.682039	10.24166	9.849833	9.828241
ENSMUSG Nlrp6	0.067095	0	0	0.029186	0.012626	0.026407
ENSMUSG Fgf11	3.055043	2.926273	3.254376	4.076904	3.449508	4.349047
ENSMUSG Snai1	9.375125	9.129949	10.18484	6.554645	5.790688	6.061898
ENSMUSG Trim72	0.314208	1.155178	0.238521	0.589161	0.513714	0.458049
ENSMUSG Ephb3	11.10679	9.36812	10.16008	7.79708	7.757379	8.044639
ENSMUSG Trpv1	0	0.013131	0	0	0	0.01644
ENSMUSG Shpk	1.803508	2.002233	1.923033	1.774184	2.400681	2.289389
ENSMUSG P2rx5	1.68258	2.056082	1.871287	2.833811	2.480572	3.167042
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG 2410015M	29.56855	24.15645	29.66859	29.85983	25.58794	30.384298
ENSMUSG Pmis2	0	0	0	0	0	0
ENSMUSG Glg1	28.78237	26.59243	26.70581	26.29741	28.00364	29.101202
ENSMUSG Zfp280b	4.40786	4.553272	4.960618	7.055095	8.655847	6.662157
ENSMUSG Kcnj3	0.0724	0.921035	0.059152	0.239118	0.228112	0.122767
ENSMUSG Dnm1	2.461894	2.507656	2.475944	1.936242	1.610255	1.964152
ENSMUSG Nr4a2	2.947708	2.189163	1.650204	1.089052	1.316153	1.13922
ENSMUSG Gpd2	8.463913	8.217798	7.131279	7.360959	7.824772	7.771832
ENSMUSG Ptges2	2.454431	2.511726	2.479102	2.28072	2.102062	2.601603
ENSMUSG Ralgsd	14.73024	15.38533	16.34468	20.3639	24.18883	22.405384
ENSMUSG Lcn2	54.41553	48.20093	43.79215	226.3588	315.2565	242.07046
ENSMUSG Galnt5	0.524752	0.615447	0.287052	0.92	1.000008	0.991274
ENSMUSG Gbgt1	2.088222	2.384058	2.051952	3.157753	3.18212	3.123614
ENSMUSG Gdpd1	19.17168	18.76545	14.99922	14.24581	16.75264	14.745938
ENSMUSG Smco1	0	0	0	0	0	0
ENSMUSG Tgfbr3	23.38599	18.58315	20.97804	10.20783	11.02825	9.114785
ENSMUSG Nadk2	5.804739	6.737474	6.258357	6.553434	5.610548	6.299539
ENSMUSG Gabrr3	0	0	0	0	0	0
ENSMUSG Wdr89	3.077934	2.962645	3.299614	3.610353	3.289395	3.695163
ENSMUSG Thtpa	7.440685	6.964437	6.036605	7.328185	6.724263	6.153335
ENSMUSG Nlrp4e	0	0	0	0	0	0
ENSMUSG Rgp1	10.06053	9.786787	9.897579	9.555957	9.151309	10.151717
ENSMUSG Npr2	26.99092	26.05272	26.76232	16.58716	16.23823	16.011308

ENSMUSG Creb3	35.00995	31.12062	35.38804	25.89639	26.5558	27.723042
ENSMUSG Gba2	8.269262	7.158279	7.70348	6.852872	6.927232	6.817201
ENSMUSG Tpm2	28.00667	22.57508	26.94452	38.27759	43.95199	40.606764
ENSMUSG Prpf31	8.325844	7.497272	9.516046	7.947475	9.29981	9.936343
ENSMUSG Car9	0.774805	0.5643	0.761674	0.774987	0.575858	0.691495
ENSMUSG Sit1	0.596096	0.86466	0.483146	1.662364	0.775351	1.038522
ENSMUSG Ccdc107	20.87899	19.68656	18.73436	18.96412	17.3548	18.012146
ENSMUSG Gm597	0	0	0	0	0	0
ENSMUSG Zfp407	3.037067	3.086293	2.620466	2.53665	2.921065	2.632878
ENSMUSG Pgp	16.07701	14.89543	15.31223	12.32004	15.31098	16.183361
ENSMUSG Gpr149	0.053265	0	0	0	0	0
ENSMUSG Mlf1	6.48898	8.591234	4.644076	11.29305	8.352531	10.403482
Mus_musc Mus_musc	0.107073	0.150452	0	0.213895	0.17779	0.033256
ENSMUSG Gjc2	0.318286	0.245459	0.588745	0.176562	0.186348	0.284154
Mus_musc Mus_musc	0.314501	0.296014	0.316727	0.485251	0.152748	0.202872
Mus_musc Mus_musc	0.083884	0.307115	0.248217	0.35269	0.448289	0.264612
Mus_musc Mus_musc	0.397055	0.303976	0.247586	0.376828	0.434285	0.490288
Mus_musc Mus_musc	0.086246	0.070778	0.09843	0	0	0.086385
ENSMUSG Slc31a2	21.77381	20.19311	26.40006	22.44073	22.47191	22.819144
Mus_musc Mus_musc	0	0	0	0.146185	0.418625	0.089266
ENSMUSG Crip1	189.064	189.5503	209.8125	218.6198	188.1753	223.60183
ENSMUSG Cbfa2t3	21.18495	20.39324	22.39864	13.17213	14.85729	14.040709
ENSMUSG Fbln1	7.435526	8.934553	6.665354	10.13344	10.17404	12.096793
ENSMUSG S100a13	29.89805	39.3098	41.78275	35.15358	32.06147	33.449898
ENSMUSG Mki67	1.498388	1.437296	1.79188	6.423137	9.098962	9.423835
ENSMUSG Zfp444	10.10157	10.40375	7.681922	7.968079	8.29732	8.750988
ENSMUSG Gm281	1.794388	2.285993	0.921938	2.353374	1.751917	1.53005
ENSMUSG Bmpr1b	2.25829	1.343973	0.914583	1.119766	1.236957	1.082828
ENSMUSG Gpr85	0.206878	0.12996	0.097616	0.218573	0.456463	0.375778
ENSMUSG Rhox4c	0	0	0	0	0	0
ENSMUSG Rhox2c	0	0	0	0	0	0
ENSMUSG Rhox3c	0	0	0	0	0	0
ENSMUSG Rhox4f	0	0	0	0	0	0
ENSMUSG Rhox4d	0	0	0	0	0	0
ENSMUSG Gm9767	0	0	0	0.039805	0	0
ENSMUSG Nr2e3	0	0	0	0	0	0
ENSMUSG Nfe2l2	76.355	82.91744	78.46128	65.61846	65.96745	71.081047
ENSMUSG Ptpn9	15.60115	14.21101	15.51481	12.21499	13.88485	14.127246
ENSMUSG Crabp1	0.208194	0	0	0.262543	0.465101	0.064304
ENSMUSG Rhox4a	0	0	0	0.058319	0	0
ENSMUSG Celf6	0	0	0	0.045096	0.018143	0
ENSMUSG Pkm	150.0054	146.6428	154.6075	139.5794	146.6357	159.23975
ENSMUSG Man2c1	13.16066	12.2454	12.53022	11.48196	9.867607	11.161101
ENSMUSG Ctla2a	119.0842	108.3129	134.1657	69.91807	66.61889	53.883809
ENSMUSG Dguok	20.56839	20.97611	21.21195	18.24712	15.28025	17.503967
ENSMUSG Osbpl1a	7.802623	7.789282	6.945031	6.724313	6.380742	6.3053
ENSMUSG Pced1b	7.279373	7.164734	9.483751	6.820132	5.475969	7.560173
ENSMUSG Pcsk9	0.062642	0.025024	0	0.029653	0.063627	0.08647
ENSMUSG Mrps25	4.120331	4.56852	5.784294	4.454556	4.976602	4.590627
Mus_musc Mus_musc	0	0	0.179944	0	0.307735	0.097197
ENSMUSG Abce1	19.13412	20.24851	19.14884	20.78461	20.20833	21.004564
ENSMUSG Krt6a	0	0	0	0	0	0
ENSMUSG Smim4	5.361968	6.147041	7.473642	6.844541	4.848701	5.503679
ENSMUSG Olfr1023	0	0	0	0	0	0
ENSMUSG Opalin	0	0	0	0.04535	0	0
ENSMUSG Vwa3b	1.405505	1.64195	0.771719	2.227119	1.790285	1.52845
ENSMUSG Slfn4	5.115328	2.794573	7.882231	2.191909	1.41741	1.330646
Mus_musc Mus_musc	0.863544	1.089093	0.768178	1.599774	1.674798	1.513622
Mus_musc Mus_musc	0.137955	0.497819	0.262644	0.632793	0.577511	0.844925
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0.092175	0.190529	0.102204	0
Mus_musc Mus_musc	0	0	0	0.078971	0.09672	0.233071
Mus_musc Mus_musc	0.267223	0	0	0.319873	0	0
ENSMUSG Setmar	2.362318	1.602438	2.355134	1.589804	1.703816	2.195172

ENSMUSG Mrgprh	0	0.023813	0	0	0	0
ENSMUSG Ppp2r5d	20.06612	20.78535	21.09755	16.66342	18.34266	17.936644
ENSMUSG Tmprss9	0.011529	0.01168	0	0.034988	0.096396	0.079343
ENSMUSG Mamld1	2.24808	2.206375	2.051421	2.095083	2.271041	2.142787
ENSMUSG Olfr1049	0	0	0	0	0	0
ENSMUSG Olfr1048	0	0	0	0	0	0
ENSMUSG Olfr1047	0	0	0	0	0	0
ENSMUSG Olfr1046	0	0	0	0	0	0
ENSMUSG Olfr1054	0	0	0	0	0	0
ENSMUSG Olfr1053	0	0	0	0	0	0
ENSMUSG Olfr1051	0	0	0	0	0	0
ENSMUSG Olfr1045	0	0	0	0	0	0
ENSMUSG Olfr52	0	0	0	0	0	0
ENSMUSG Trem3	1.196288	1.318149	2.366806	1.628527	0.385781	1.006168
ENSMUSG Plekha6	6.792263	4.613246	5.858825	5.910607	5.665064	6.251778
ENSMUSG Cd1d2	1.696445	1.241203	1.370241	1.732433	1.459469	1.164563
ENSMUSG Hs3st3a1	0.285365	0.235477	0.207039	0.450366	0.264218	0.360135
ENSMUSG Fancb	1.399124	1.073583	1.425974	1.229958	1.415678	1.235039
ENSMUSG Utf1	0.040769	0.150914	0	0.285772	0.176042	0.155965
ENSMUSG Dcun1d1	7.705936	9.227871	7.639445	8.497202	8.027205	8.342871
ENSMUSG Mccc1	8.842587	11.16509	9.136483	10.12706	8.812459	10.473857
ENSMUSG Sec62	56.65067	56.82956	58.30494	46.7586	46.9783	40.317612
ENSMUSG B3gnt2	21.42517	22.89055	20.63863	16.23677	19.41227	17.628438
ENSMUSG Krt72	0	0	0	0	0	0
ENSMUSG Lrrc3	0.355579	0.362605	0.260089	0.364316	0.432564	0.277223
ENSMUSG Lrrc34	1.73156	2.006428	1.0114	2.519139	2.807296	1.824476
ENSMUSG Lrriq4	0	0	0.020299	0	0	0
ENSMUSG Olfr90	0	0	0	0	0	0
ENSMUSG Heatr6	4.383554	4.770582	4.360623	3.930753	4.640738	4.403229
ENSMUSG Lgals8	26.61328	24.23672	26.13762	23.85362	23.67002	23.669329
ENSMUSG Zfp317	5.819525	6.059722	5.298774	4.895937	4.661444	5.170103
ENSMUSG Akap9	8.615876	9.17786	7.359528	8.424123	8.305507	8.239735
ENSMUSG Havcr1	0.224989	0.136294	0.299987	0.909604	0.956398	0.616889
ENSMUSG B230307C;	3.60577	2.709871	2.127556	5.153851	3.927395	3.532216
ENSMUSG Olfr1174-f	0	0	0	0	0	0
ENSMUSG Gm28041	0	0.09349	0	0.016457	0.021961	0.082899
ENSMUSG Phgr1	0.259497	0	0	0.240155	0	0.232782
ENSMUSG Mpeg1	46.20086	48.00114	61.9498	89.68047	84.22349	94.917656
ENSMUSG Cyren	4.622389	3.952324	6.654215	4.84992	3.655181	3.606618
ENSMUSG Lrrc75b	0.416236	0.145589	0.344481	0.386806	0.276961	0.315176
ENSMUSG Atp10b	0	0.069004	0	0.485792	0.729263	0.637001
ENSMUSG Skint1	0	0	0	0	0	0
ENSMUSG Slc5a3	1.156529	1.887082	1.547664	1.159084	1.16224	1.327134
ENSMUSG Insig2	15.72573	15.91483	16.96723	14.33809	14.05303	14.69127
ENSMUSG H2afy	39.33443	38.62965	41.55619	40.83362	39.07029	42.606489
ENSMUSG Dstn	234.8265	235.9083	215.2784	163.736	180.7659	175.84815
ENSMUSG Tgfbr1	16.12011	17.26084	16.48149	22.46361	21.67969	21.446237
ENSMUSG Gtpbp3	8.449803	8.91584	11.33937	9.312863	8.134532	9.318238
ENSMUSG Homer1	3.10741	3.215199	2.8958	3.518516	3.131194	2.927889
ENSMUSG Gm15319	0.059483	0.03576	0.010277	0.034241	0.081428	0.07656
ENSMUSG Tmprss11c	0	0	0	0.038442	0	0
Mus_musc Mus_musc	0.565763	0.283713	0.493972	0.388568	0.618787	0.293237
Mus_musc Mus_musc	0	0	0	0	0.024394	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.419757	0.549259	0.517227	0.349566	0.168188	0.182563
ENSMUSG Kcnq1	14.7712	13.58514	12.12113	12.28148	13.31092	13.348287
Mus_musc Mus_musc	0	0	0	0.023445	0	0
Mus_musc Mus_musc	0.346441	0.239636	0.240424	0.534811	0.360049	0.458824
Mus_musc Mus_musc	0.498702	0.436693	0.307626	0.30322	0.112144	0.052841
Mus_musc Mus_musc	10.97127	11.97541	7.989299	5.306593	5.960689	7.067908
Mus_musc Mus_musc	0.116665	0.21992	0.240861	0.561001	0.345759	0.427186
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Cyp2d34	0	0	0	0	0	0
ENSMUSG Btbd35f11	0	0	0	0	0	0

ENSMUSG Defa3	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.038175	0	0.136261	0.356412
Mus_musc Mus_musc	0.155912	0.131245	0.286771	0.080506	0	0.471281
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Ifi213	0.03825	0.068546	0.107767	0.065856	0.019906	0.101714
ENSMUSG Vmn1r50	0	0	0	0	0	0
Mus_musc Mus_musc	0.406798	0.828041	0.7349	0.284207	0.232342	0.282949
ENSMUSG Gm5415	0	0	0	0	0	0
ENSMUSG Defa31	0	0	0	0	0	0
ENSMUSG Spata31d1	0	0	0	0.012177	0.013065	0.030075
ENSMUSG Gm17490	0	0	0	0	0	0
ENSMUSG Sh2d1b2	0	0	0.054961	0	0	0
ENSMUSG Methig1	0.248544	0.03742	0.225367	0.113809	0.066681	0.014515
ENSMUSG Cradd	5.265837	6.656794	5.006612	6.583293	4.680238	8.174109
ENSMUSG Gvin1	7.816462	6.606877	30.21612	20.37392	6.918178	7.67163
Mus_musc Mus_musc	0.348464	0.315523	0.129825	0.406263	0.599733	0.384183
ENSMUSG Gm7168	0.030733	0	0	0	0.069879	0
ENSMUSG Zfp160	5.096538	5.051402	6.025576	4.857733	4.597675	4.975036
ENSMUSG Vmn1r91	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.265112	0	0
Mus_musc Mus_musc	0	0.123839	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.275889	0.471839	0.288704	0.33317	0.324854	0.467776
ENSMUSG Olfr494	0	0	0	0	0	0
ENSMUSG Gm20903	0	0	0	0	0	0
ENSMUSG Vmn1r192	0	0	0	0	0	0
ENSMUSG Gm2956	0	0.004467	0	0	0	0
ENSMUSG Ceacam16	0.127929	0.030484	0.140625	0.168193	0.166507	0.124255
ENSMUSG Sympk	22.18109	24.25307	24.83499	23.6251	23.87477	24.047834
ENSMUSG Zfp207	51.86327	53.76875	55.49479	51.08093	50.68193	49.578064
ENSMUSG Psm11	21.83672	23.96825	23.92283	23.05451	20.13922	23.591212
ENSMUSG A930018P:	0	0	0	0	0	0
ENSMUSG Krt15	0.225306	0.310523	0.181381	0.352332	0	0.204338
ENSMUSG Eef1a1	2594.996	2642.787	2625.031	2707.679	2685.9	2877.0602
ENSMUSG Mrps26	7.609157	7.224761	7.71943	6.836663	7.173799	7.297487
ENSMUSG Phyhipl	0.078824	0.03058	0	0	0	0
ENSMUSG Olfr24	0	0	0	0	0	0
ENSMUSG ler3	103.2957	67.24297	95.63527	45.78887	40.87259	46.209091
ENSMUSG Mst1r	1.658349	1.794716	1.479093	1.174943	1.068361	1.294214
ENSMUSG Olfr789	0	0	0	0	0	0
ENSMUSG Mon1a	8.401526	8.054843	9.334236	6.802354	8.033015	7.986432
ENSMUSG Zan	0.194825	0.205984	0.128813	0.230281	0.151371	0.138992
ENSMUSG Gm13941	0	0	0	0	0	0
ENSMUSG Fam228a	0	0.046518	0.061051	0	0.009799	0
ENSMUSG Gm11060	0	0	0	0	0	0
ENSMUSG Fam163a	0	0	0	0	0	0
Mus_musc Mus_musc	1.94023	1.969928	1.924345	2.067941	1.821358	1.547372
ENSMUSG Cacfd1	14.159	13.62682	14.09607	13.47438	14.84284	13.548806
ENSMUSG Vmn1r216	0	0	0	0	0	0
ENSMUSG Fmc1	6.568146	5.426596	7.120712	11.63547	6.347929	6.560721
ENSMUSG Ifit1bl2	1.106983	1.519797	1.432888	0.829203	0.717637	0.601732
ENSMUSG THSD8	0.023105	0.01015	0.019839	0	0.000454	0.013168
ENSMUSG Myo9a	8.851588	9.694471	7.16161	6.43255	6.524716	6.585878
ENSMUSG Mdc1	6.199373	5.846134	5.355718	5.035498	5.209655	5.234117
ENSMUSG Klre1	0.599108	0.440968	3.57531	1.694191	0.191475	0.548284
ENSMUSG Gabra2	0	0	0	0	0	0
ENSMUSG Atp5f1	71.82525	73.96504	69.25768	85.7907	88.6852	86.21611
ENSMUSG Adora3	1.147203	1.013363	0.903987	2.055593	2.648826	3.693051
ENSMUSG Heatr1	4.809223	5.057076	4.579166	5.740578	5.797651	5.90848
ENSMUSG Sox9	0.130781	0.256672	0.057279	0.499029	0.453254	0.643471
ENSMUSG Hnrnpd	26.26214	22.45194	21.90268	25.49323	22.19816	21.172738
ENSMUSG Myo1a	0.014889	0	0	0.210248	0.166599	0.224174
ENSMUSG Tac2	0	0	0	0	0	0
ENSMUSG Gak	30.46066	29.30934	29.90918	29.23292	30.19596	31.486797

ENSMUSG Rapgef2	11.08154	10.5157	10.90216	7.736697	7.748317	7.56129
ENSMUSG Abcd1	14.82634	15.65771	15.6954	15.70289	16.56052	17.663096
ENSMUSG Pir	11.80335	14.06728	9.710342	9.27201	8.60075	6.611372
ENSMUSG Pik3r1	24.38899	26.51327	23.51671	18.89133	18.90408	17.802113
ENSMUSG Dicer1	11.13456	10.68742	9.803126	9.284324	8.902227	8.636372
ENSMUSG Zrsr2	8.815462	8.818268	8.349161	8.632425	7.755217	7.00563
ENSMUSG Haus7	6.963295	6.837466	7.832478	8.052431	7.753652	7.878155
ENSMUSG Trex2	0	0	0	0.051332	0	0
ENSMUSG Car5b	1.742793	2.710068	1.821472	2.144005	2.273941	2.168262
ENSMUSG Zfp92	0.017933	0.037567	0.014969	0.041943	0.018647	0.019163
ENSMUSG Bgn	232.7177	210.1926	252.2407	215.6558	218.0071	213.18312
ENSMUSG Atp2b3	0	0	0	0.01685	0	0.023594
ENSMUSG Bmx	4.438074	4.846005	3.065896	2.54605	2.383387	2.606281
ENSMUSG Gm21954	0	0	0	0	0	0
ENSMUSG Zbtb20	9.491204	10.85153	6.567911	7.071063	7.110358	6.540056
ENSMUSG Slc25a41	0	0	0	0	0	0.038491
ENSMUSG 4930548H	0	0.052863	0	0	0	0
ENSMUSG Ccdc191	2.608089	3.322163	2.102072	2.790137	2.522603	2.61194
ENSMUSG Rbks	2.633433	1.855052	2.136507	3.564409	3.215337	2.881666
ENSMUSG Fosl2	16.25553	15.05189	13.59756	10.06945	12.09782	12.049449
ENSMUSG Hira	14.05161	13.22047	13.33782	11.39378	11.12527	11.529334
ENSMUSG Drd3	0	0	0	0	0	0
ENSMUSG Qtrt2	4.929522	4.985117	5.291799	3.979367	3.577692	4.113775
ENSMUSG Gbe1	10.62498	8.68083	9.252702	6.215262	5.934794	4.781792
ENSMUSG Rnf32	2.264542	2.062823	2.014866	1.969142	3.0541	2.300987
ENSMUSG Ankrd35	0.142555	0.165941	0.329832	0.16066	0.251607	0.374516
ENSMUSG Camp	0	0.365212	0.699592	0.37076	0.465253	0.380036
ENSMUSG Sgsm2	5.534125	5.181904	5.611069	5.087371	4.500902	5.495552
ENSMUSG Arl5c	1.611884	0.904724	2.001112	2.472111	2.067674	2.712924
ENSMUSG Hus1	6.656332	7.768502	6.280085	5.391881	5.787413	4.701334
ENSMUSG Ascc2	20.0385	20.61722	15.71754	17.39843	17.34838	17.416814
ENSMUSG Nipal4	0.083096	0.09212	0.02899	0.147439	0.084673	0.085141
ENSMUSG Eloa	15.62717	15.86608	15.73161	14.60878	15.09849	15.984001
ENSMUSG Pithd1	12.58969	12.91718	12.00525	9.361543	11.63159	11.829823
ENSMUSG Pttg1	2.102037	2.192852	2.104067	4.351616	4.483503	4.226979
ENSMUSG Ephb2	0.158021	0.21915	0.166645	0.236611	0.207362	0.239122
ENSMUSG Hormad2	0.025497	0	0.093005	0	0.028445	0
ENSMUSG Epha8	0.315181	0.273553	0.472863	0.106669	0.136345	0.11231
Mus_musc Mus_musc	0	0	0	0	0.162991	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.342606	0.214267	0.392792	0.395332	0.153369	0.19325
ENSMUSG Gm5580	0.057017	0.016994	0.037211	0	0	0
ENSMUSG Acadm	30.28519	36.40826	30.11854	32.94309	33.15755	31.284722
ENSMUSG Kih124	22.7781	25.03554	19.48688	22.7025	23.95276	20.590929
ENSMUSG Hdac10	5.729209	4.320955	5.353389	5.419943	4.924592	4.627371
ENSMUSG Vmn1r32	0	0	0	0	0	0
ENSMUSG Slc17a5	9.519296	8.890808	8.576025	10.26736	10.56413	10.62153
ENSMUSG Lmtk2	13.08311	13.58913	11.68811	12.1162	12.31445	13.245937
ENSMUSG Cldnd2	0.257697	0.109049	0.447783	0.137064	0	0
ENSMUSG Rabggtb	13.6743	15.07955	14.13142	14.82168	14.68941	15.581748
ENSMUSG Ppp1r9b	50.23292	48.51627	53.36794	42.94281	45.519	44.891641
ENSMUSG Slc16a3	3.807647	4.071229	4.300459	6.063845	4.924824	4.94553
ENSMUSG Csnk1d	51.53418	49.73069	52.87227	42.44893	44.68999	44.783322
ENSMUSG Pnpo	10.44253	9.917306	10.42731	10.59757	10.80195	12.636237
ENSMUSG Sectm1a	0	0.108527	0.140281	0.269317	0.166831	0.224137
ENSMUSG Ogfod3	8.318569	9.171901	8.238502	9.266117	7.043629	8.023491
ENSMUSG Tada2a	4.741551	4.119065	4.438868	3.693576	2.836854	4.056272
ENSMUSG Tcaf3	0	0.004862	0	0.009904	0	0
ENSMUSG Ikzf1	7.983898	6.039606	10.25695	12.80166	11.67348	12.75996
ENSMUSG Ppp2r1b	10.66975	9.888603	10.46543	9.037251	9.434827	9.894592
ENSMUSG Cherp	15.32131	14.45348	14.16328	12.71481	13.13933	13.726382
Mus_musc Mus_musc	0	0	0	0	0.139656	0
ENSMUSG Gm49392	5.961928	5.394245	5.768403	3.803119	5.095179	2.171789
ENSMUSG Rdx	80.17189	82.68089	81.60734	56.84219	61.2685	57.453881

ENSMUSG Fdx1	49.55324	32.90474	30.80353	26.72456	38.76617	36.823081
ENSMUSG Ube3c	10.87597	11.83113	10.13673	9.952906	10.54402	11.118174
ENSMUSG Pou2af1	3.789778	3.402283	2.634688	30.20813	29.34031	29.04443
ENSMUSG Tmem171	0.608956	0.720642	1.327849	2.950186	3.317655	2.977256
ENSMUSG Cpq	25.40173	28.09973	29.26934	22.9849	22.3829	26.196917
ENSMUSG Btg4	0.093003	0.475112	0	0.087711	0.368473	0.098414
ENSMUSG Tlr4	8.662009	8.858301	7.469466	11.22675	12.43643	12.052506
ENSMUSG Gmnc	0.390463	0.507886	0.337293	0.628272	0.400953	0.241553
ENSMUSG AC117241	0	0	0	0	0	0
ENSMUSG Trmt1l	13.07167	13.55036	13.51348	11.85598	10.50774	10.763327
ENSMUSG Olfr1013	0	0	0	0	0	0
ENSMUSG Ddx10	6.977781	6.512587	7.077145	7.105873	6.01289	6.432416
ENSMUSG Zfp975	1.963612	2.499094	2.329355	1.39318	2.040213	1.655055
ENSMUSG Olfr688	0	0	0	0	0	0
ENSMUSG Riok1	7.652857	7.700497	8.17198	7.130285	7.262922	7.122963
ENSMUSG Olfr703	0	0	0	0	0	0
ENSMUSG Olfr704	0	0	0	0	0	0
ENSMUSG Ly86	5.090777	5.886613	8.316233	21.42763	18.29988	15.610353
ENSMUSG Mrpl27	21.57416	22.19027	24.05409	23.89171	23.51593	21.67345
ENSMUSG Npc1	21.14668	21.36114	20.32236	23.76463	26.27464	28.756254
ENSMUSG Il31ra	0.034796	0.057445	0.01974	0.241968	0.405454	0.326831
ENSMUSG Ssr1	19.07065	18.36488	17.90723	17.1702	17.60057	17.730827
ENSMUSG Rmc1	15.16367	14.39823	15.39699	13.58597	13.03136	13.086331
ENSMUSG Plcx3	0.482827	0.384148	0.255549	0.254678	0.345144	0.36489
ENSMUSG Olfr1258	0	0.011696	0	0	0	0
ENSMUSG Ch25h	1.914439	1.641165	2.412408	11.77845	16.78157	13.00232
ENSMUSG Cdk5r1	0.155106	0.241585	0.221622	0.707604	0.535803	0.806667
ENSMUSG Zfp710	12.60857	10.44266	13.43111	11.63991	11.81529	11.363992
ENSMUSG Chd8	13.72015	13.48258	13.24624	12.23841	12.74062	12.278773
ENSMUSG Rimkla	0.146084	0.234948	0.165844	0.325096	0.400726	0.373992
ENSMUSG Lipi	0	0	0	0	0	0
ENSMUSG Rasgrp2	39.9227	33.40734	48.52676	23.92981	23.25806	23.181899
ENSMUSG Ucp3	1.499105	1.766457	1.274204	1.682867	1.908716	1.491999
ENSMUSG Rbm11	0.08246	0.057344	0.084124	0.049737	0.096424	0.04762
ENSMUSG 1520401A	0	0	0	0	0.013379	0
ENSMUSG Apmmap	26.33304	24.70015	26.91349	25.53226	24.48422	26.976992
ENSMUSG Nol12	5.632726	4.543138	7.017614	7.068366	7.640025	6.258538
ENSMUSG Paxip1	6.810813	7.017298	6.310397	6.414828	6.443265	5.941045
ENSMUSG H2-M10.4	0	0	0	0	0	0
ENSMUSG Fbxo43	0.01398	0.040958	0	0.070814	0.027668	0.091933
ENSMUSG Cdip1	18.50424	16.49283	16.4495	13.22388	14.10066	14.194911
ENSMUSG Hmox2	27.41158	29.42467	28.88746	33.77134	34.81741	37.396087
ENSMUSG Rnf149	12.06673	11.38061	12.15223	23.92206	22.09274	24.933497
ENSMUSG Ovch2	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.059673	0	0.219669	0.19369	0
Mus_musc Mus_musc	0	0.142702	0	0.172091	0.211061	0
Mus_musc Mus_musc	0	0.003951	0	0.171597	0.137663	0.075992
ENSMUSG Gm10401	0	0	0	0	0	0
ENSMUSG 1500011B	7.442696	6.416786	7.265624	12.67198	10.28575	9.45633
ENSMUSG Idh2	76.62777	74.10437	69.0659	58.71346	59.74348	62.866369
ENSMUSG Mesp2	1.230426	1.491101	0.511675	1.114813	1.165195	1.188115
ENSMUSG Mesp1	0.381814	0.680171	0.710857	0.479875	0.72993	0.567149
ENSMUSG Pex11a	8.306525	8.534659	6.990911	7.008906	5.953328	5.314197
ENSMUSG Plin1	0.920088	2.63035	0.129137	1.305721	0.408687	0.650488
ENSMUSG Rhcg	0	0	0	0	0	0
ENSMUSG Garem2	0.014595	0	0	0.013462	0.012511	0.014153
ENSMUSG Cfap97	7.306221	7.523867	6.566571	6.341048	7.651221	6.935455
ENSMUSG Slc25a4	73.171	79.52927	71.76865	69.00518	63.86639	64.270569
ENSMUSG Anxa10	0	0	0	0	0	0
ENSMUSG Ufsp2	11.46491	13.38837	13.24804	15.97927	17.81591	16.01429
ENSMUSG Lrp2bp	0.427842	0.363414	0.193086	0.31824	0.178805	0.324278
ENSMUSG Pdlim3	9.446713	8.822737	8.005695	5.455532	6.175253	6.930175
ENSMUSG Tlr3	7.192017	7.957933	7.696772	6.205466	6.372652	6.01159
ENSMUSG Gzma	23.69764	16.46067	126.0768	27.5132	11.0914	20.047005

ENSMUSG Rpl23	146.0497	152.4297	171.3925	185.9244	172.7679	163.1972
ENSMUSG Lyl1	4.639686	4.353311	7.267477	8.535706	6.57402	7.875011
ENSMUSG Galnt17	0.134288	0.152217	0.113023	0.190141	0.180957	0.279853
ENSMUSG Gppp111	23.71751	24.18469	23.26323	20.96891	21.69281	19.790932
ENSMUSG Xlr3b	0.942141	0.249322	0	0.108983	1.722348	0.118708
ENSMUSG Gfi1	0.319456	0.228119	0.49583	0.701509	0.842902	0.496208
ENSMUSG Glmn	1.994591	1.503526	1.615849	1.913661	1.45135	1.705594
ENSMUSG Fam69a	6.752332	5.971483	7.180454	6.516026	7.468359	6.647186
ENSMUSG Sult1e1	0	0	0	0.029143	0	0
ENSMUSG Sult1d1	2.515659	4.880126	0.991104	1.982957	1.379055	1.020331
ENSMUSG Brdt	0.32534	0.268586	0.241637	0.232217	0.302249	0.282005
Mus_musc Mus_musc	0.140308	0	0	0.248216	0.149733	0.21691
Mus_musc Mus_musc	2.512624	1.935992	1.882949	1.627412	1.371576	1.733866
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.138669	0	0.164862	1.028116	1.236361	1.067187
Mus_musc Mus_musc	0.191679	0.291863	0.169663	0.870934	0.719283	0.683398
Mus_musc Mus_musc	0	0	0	0	0.321941	0.500987
ENSMUSG Pkhd1	0.047389	0.06034	0.024005	0.040884	0.04086	0.028308
Mus_musc Mus_musc	38.55137	41.14467	32.68794	30.62656	26.91365	28.932982
Mus_musc Mus_musc	0	0	0	0	0	0.270502
Mus_musc Mus_musc	0.3655	0.1173	0.664706	0.698838	0.37501	0.630196
Mus_musc Mus_musc	0.472063	0.474179	0.465931	0.344813	0.201055	0.367951
Mus_musc Mus_musc	39.44989	43.26273	37.43203	33.97289	31.36532	35.227302
ENSMUSG Oser1	22.78059	22.26992	22.90414	18.98753	17.98838	14.962142
ENSMUSG Klf16	5.985259	6.071095	6.174667	4.966098	5.333715	5.519412
ENSMUSG Cfap53	1.589074	2.019016	1.286823	2.571542	2.17441	1.813717
ENSMUSG Pet2	0	0	0	0	0	0
ENSMUSG Dennd1a	7.391298	7.005707	6.945304	7.158666	6.837648	7.252404
ENSMUSG Brsk1	1.930339	1.799818	2.162022	1.308612	1.602845	1.295963
ENSMUSG Vmn1r188	0	0	0	0.003081	0	0
ENSMUSG Vmn1r199	0	0	0	0	0	0
ENSMUSG Vmn1r195	0	0	0	0	0	0
ENSMUSG Vmn1r194	0	0	0	0	0	0
ENSMUSG Vmn1r197	0	0	0	0	0	0
ENSMUSG Vmn1r196	0	0	0	0	0	0
ENSMUSG Tifa	3.742703	3.978565	4.688134	8.057588	7.852319	6.442539
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	2.9747	3.679783	3.041885	2.185588	1.98375	1.58759
Mus_musc Mus_musc	0	0	0.352431	0.090601	0	0
Mus_musc Mus_musc	0	0	0.376534	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Epgn	0.095763	0	0.028796	0	0.063827	0
ENSMUSG Baz1a	10.16076	10.50417	9.728681	10.35593	10.63666	11.18466
ENSMUSG Ncapd3	4.467165	4.631628	4.081643	4.520529	4.540156	4.44907
ENSMUSG 6030408B	3.766548	4.312849	4.752862	3.592351	4.461904	4.99149
ENSMUSG Map2k2	34.57664	30.7384	31.56219	33.57146	37.14565	31.975396
ENSMUSG 9430097D	0	0	0	0	0	0
ENSMUSG Krt76	0	0	0	0.123103	0	0.143796
ENSMUSG Lingo2	0	0	0	0	0	0
ENSMUSG S1pr5	1.549003	0.9303	3.626924	1.228206	0.480322	0.812556
Mus_musc Mus_musc	2.221669	3.430201	2.462441	2.420477	1.778261	2.121112
Mus_musc Mus_musc	0	0	0.091813	0.317769	0.363915	0.196198
ENSMUSG Khl31	0.008686	0.091554	0.007804	0.065651	0.008653	0.017018
Mus_musc Mus_musc	0.420687	1.033186	0.670239	1.263522	0.448136	0.240263
Mus_musc Mus_musc	0	0.234832	0.19598	0	0.17466	0
Mus_musc Mus_musc	0.225594	0	0	0.565243	0.153981	0.13263
ENSMUSG Sstr3	0	0.016676	0	0.007246	0.032645	0.070012
ENSMUSG Ttc41	0.781498	0.464872	0.544848	1.169395	0.737083	0.840966
ENSMUSG Zfp367	10.2265	9.434375	9.012794	7.576951	7.86466	7.372911
Mus_musc Mus_musc	1.029133	0.469694	0.48534	1.003187	0.683337	1.003454
ENSMUSG Scgb2b3	0	0	0	0	0	0
ENSMUSG Scgb1b29	0	0	0	0	0	0
ENSMUSG Scgb1b24	0	0	0	0	0	0
ENSMUSG Tsacc	0.891763	1.415276	0.78722	1.036475	0.973791	0.691456

ENSMUSG Dgkq	3.660782	3.221613	3.014369	3.109172	2.744079	3.09384
ENSMUSG Ccl24	0.504418	0.421938	0.46115	9.946141	13.49044	19.010645
ENSMUSG Scgb1b7	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.557177	0.739859	0.175603	0.744254	0.160843	0.304185
ENSMUSG Zfp423	0.769293	1.009501	0.867093	0.731066	0.835721	0.924347
Mus_musc Mus_musc	0.034312	0.27981	0.261419	0.37689	0.191916	0.247148
ENSMUSG 4933402E1	0	0	0	0	0	0
ENSMUSG Defb11	0	0	0	0	0	0
ENSMUSG Hsfy2	0	0	0	0	0	0
Mus_musc Mus_musc	2.13352	1.851558	1.472807	1.721616	1.720396	2.175562
ENSMUSG Idi1	20.83481	18.80904	21.18664	26.38702	23.30089	28.096971
ENSMUSG Tcp11x2	0	0	0	0	0	0
ENSMUSG Tas2r138	0	0	0	0	0	0
ENSMUSG Olfr822	0	0	0	0	0	0
ENSMUSG Tspan7	343.2692	337.9642	364.5778	214.4803	233.0062	193.30817
ENSMUSG 1110059G	3.422341	2.938856	3.058121	3.442946	3.104553	2.78358
ENSMUSG Srprb	18.54792	19.93985	19.48202	19.66759	20.60272	21.810682
ENSMUSG Topbp1	8.365423	9.277582	8.859905	8.513671	9.855929	9.908712
ENSMUSG Trf	117.5012	131.6935	96.78631	162.4445	163.1558	179.97836
ENSMUSG Uba5	16.16319	15.19361	15.8792	19.2341	21.87193	19.628229
ENSMUSG Bfsp2	0.052269	0	0.078776	0.327301	0.256112	0.340113
ENSMUSG Nphp3	1.891667	1.916059	1.459355	1.877879	1.433154	1.538131
ENSMUSG Cnpy1	0.09333	0.024031	0.038092	0.017298	0.063777	0.103317
ENSMUSG Fbxo9	29.76028	25.51408	25.40945	21.56503	22.93778	25.411353
ENSMUSG Rbm48	3.517378	3.922208	4.207768	3.16182	3.259813	3.257519
ENSMUSG Cby3	0	0.038457	0.039056	0	0.1231	0.036535
ENSMUSG Olfr622	0	0	0	0	0	0
ENSMUSG Gm5795	0	0	0	0	0	0
ENSMUSG Dnajc18	6.784119	6.891734	6.173082	5.566446	5.73083	5.412435
ENSMUSG Spata24	5.062763	5.723739	3.618799	6.106073	5.915808	5.379332
ENSMUSG Mzb1	4.174922	3.31799	2.117582	168.4001	160.3998	161.57958
ENSMUSG Gm3020	0	0	0	0	0	0
ENSMUSG Hspa9	47.85629	47.53041	48.92804	42.93803	45.46248	48.15493
ENSMUSG Akap4	0	0	0	0	0	0
ENSMUSG 1600012H	14.87791	15.80412	15.78459	15.56189	15.89841	15.512878
ENSMUSG Esam	124.216	112.761	125.8417	76.83202	83.00043	76.465917
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.235839	0.159558	0	0.079462	0.435615	0.184969
ENSMUSG Siae	4.448196	4.275976	4.283834	4.741402	4.282043	5.002656
ENSMUSG Vsig2	16.12838	17.32951	13.94249	11.92031	11.57039	13.279133
Mus_musc Mus_musc	0	0	0	0	0	0.052115
Mus_musc Mus_musc	1.158871	1.514322	1.283648	1.590244	0.828841	1.393866
Mus_musc Mus_musc	0	0	0	0.337506	0	0.108185
Mus_musc Mus_musc	0.337855	0.346318	0.608021	0.458574	0.355664	0.528267
Mus_musc Mus_musc	10.03628	10.34606	10.23325	8.585647	7.524276	6.104305
Mus_musc Mus_musc	0	0	0	0.835642	0.355712	0.248701
ENSMUSG BC048679	0	0	0	0	0	0
ENSMUSG Olfr1148	0	0	0	0	0	0
ENSMUSG Cdc42ep5	6.92541	8.727095	9.085572	7.191712	5.436631	5.388501
ENSMUSG Sphk1	16.49196	17.50373	14.97286	10.76798	10.68228	8.086484
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Pex5	10.4795	11.08035	12.02441	10.69177	10.47362	10.475967
ENSMUSG Cyct	0	0	0	0	0	0
ENSMUSG Unc80	0.060997	0.0741	0.039687	0.063903	0.074921	0.070289
ENSMUSG Spink5	0	0.008836	0.009956	0	0	0.022634
ENSMUSG Zfp459	1.168718	1.345879	0.982606	0.674404	0.946005	0.947836
Mus_musc Mus_musc	0.094697	0	0	0.08953	0.186692	0.09276
Mus_musc Mus_musc	0.12288	0	0.420859	0	0	0
Mus_musc Mus_musc	0	0	0.143436	0	0	0.083405
Mus_musc Mus_musc	0.116798	0	0.441079	0.336751	0.369243	0.307082
Mus_musc Mus_musc	3.159918	3.016769	2.599056	1.797278	2.363509	1.322581
Mus_musc Mus_musc	0.143006	0.546486	0.507038	0.220678	0.428389	0
Mus_musc Mus_musc	0	0.056147	0	1.876192	2.320251	2.270886

Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Tuba3b	0	0	0	0	0.027872	0.03113
ENSMUSG Bmpr2	102.0979	99.82102	83.67336	55.39398	61.56615	51.772026
ENSMUSG Trappc2l	13.46958	13.18563	13.86188	14.31721	14.31752	15.859391
ENSMUSG Olfr222	0	0	0	0	0	0
ENSMUSG Serpinb1b	0.844368	0.719594	0.942796	0.781981	0.35313	0.254994
ENSMUSG Cyp3a11	0	0	0	0	0	0
ENSMUSG Hs3st1	18.99296	17.68019	19.57211	12.42753	15.70311	9.886741
ENSMUSG Gal3st3	0.345619	0.55471	0.183173	0.147134	0.266968	0.297239
ENSMUSG Trpt1	4.20438	3.39971	4.484838	3.659119	4.187152	4.674825
ENSMUSG Tssk6	0.740635	0.581844	0.478484	0.561573	0.636068	0.70082
ENSMUSG Vmn1r74	0	0	0	0	0	0
Mus_musc Mus_musc	0.295711	0.291547	0.193855	0.18836	0	0.231331
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.075224	0.13987	0	0
Mus_musc Mus_musc	0.432801	0.565501	0.238382	1.510814	0.936513	0.89201
ENSMUSG Gm13539	0	0	0	0	0	0
ENSMUSG Gm11634	0.03416	0	0	0	0	0
Mus_musc Mus_musc	0	0.385993	0	0	0	0
Mus_musc Mus_musc	0	0.19689	0.20878	0.045556	0.143101	0
Mus_musc Mus_musc	0.289473	0.26813	0	0.205931	0	0.241143
Mus_musc Mus_musc	0	0	0.089398	0	0.244807	0
Mus_musc Mus_musc	0.112304	0.358505	0	0	0	0.074179
Mus_musc Mus_musc	0.335784	0.261645	0.381845	0.32756	0	0.663635
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.145262	0.136774	0.399372	0.285436	0.248687	0.52421
Mus_musc Mus_musc	0.395393	0	0	0.174016	0	0
Mus_musc Mus_musc	25.7559	18.89718	17.20371	25.4034	14.96031	10.945727
ENSMUSG Olfr1335	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.348032	0	0
ENSMUSG Olfr1358	0	0	0	0	0	0
ENSMUSG Gm20812	0	0	0	0	0	0
ENSMUSG Gm3147	0	0	0	0	0	0
Mus_musc Mus_musc	2.01919	1.844018	2.082977	2.113381	1.224799	1.245507
ENSMUSG Ces1g	8.447753	7.918896	4.212014	1.187289	1.237032	1.13543
ENSMUSG Spata45	0	0	0.033177	0	0	0.037835
ENSMUSG Gm49318	0	0	0	0	0	0
ENSMUSG 4930504O	0	0	0	0	0	0
Mus_musc Mus_musc	0.795789	0.774706	0.760225	0.266107	0.668556	0.63443
Mus_musc Mus_musc	0.298065	0.051208	0.291321	0.729579	0.082974	0.139436
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.448397	0.897238	0.894411	0.616173	0.77089	0.468752
Mus_musc Mus_musc	1.548448	1.438604	1.015297	0.946043	0.796348	1.536166
Mus_musc Mus_musc	0	0.323678	0	0.419134	0.19563	0.357861
Mus_musc Mus_musc	0.47131	0.508584	0.446776	0.267087	0.459578	0.547278
ENSMUSG Phospho1	4.091228	4.120042	3.187219	3.282247	3.81352	2.627963
ENSMUSG Olfr1494	0	0	0	0	0	0
ENSMUSG Clrn3	0	0	0	0.015796	0.014687	0.016719
ENSMUSG Dnajc14	28.92683	29.95618	28.44757	25.87606	24.68594	23.652483
Mus_musc Mus_musc	0.091419	0.556448	0.649839	0.313634	0.498479	0.349097
Mus_musc Mus_musc	0.056936	0.752364	0.27942	0.258838	0.517642	0.124047
Mus_musc Mus_musc	0.403253	0.229384	0.464937	2.42826	3.795443	3.359392
Mus_musc Mus_musc	14.35644	20.52055	18.69701	15.9753	17.43922	13.930804
Mus_musc Mus_musc	0	0	0	0	0	0.200545
Mus_musc Mus_musc	0	0	0.041713	0.233643	0.400428	0.301413
ENSMUSG lft27	9.690914	8.222414	7.399285	9.285989	8.945968	9.23071
ENSMUSG Gm42957	0.093294	0.117743	0.022644	0	0.083686	0.097509
ENSMUSG Gm21190	0	0	0	0.132562	0	0
ENSMUSG Kcnip1	0	0	0.043653	0.028103	0.025625	0
ENSMUSG Nrd1	36.26225	39.71752	34.67002	34.61306	35.20985	33.443697
ENSMUSG Hagh1	9.996387	8.948038	8.586024	7.477015	5.707626	7.170863
ENSMUSG Gsr	16.68869	16.58207	15.11031	17.05883	17.66621	19.571358
ENSMUSG Ifng	0.250916	0.229803	0.731824	0.48834	0.603261	0.394398
ENSMUSG Cdh3	0.273684	0.355837	0.220958	0.607231	0.44365	0.5747

ENSMUSG Zfp277	8.604829	8.66409	7.755001	9.23604	9.258361	8.282873
ENSMUSG Tmem150	10.34375	8.804127	12.35209	10.20611	8.414767	9.995144
ENSMUSG Cnr2	6.573751	6.000318	6.244017	7.5555	8.218256	7.915358
ENSMUSG Timm17a	4.190763	4.112267	4.054734	3.760087	3.960994	3.707373
ENSMUSG Atp13a2	38.69277	33.92633	38.17831	35.46008	36.63251	37.943216
ENSMUSG Mgat4b	30.23277	26.83242	30.92567	27.34396	27.94424	31.179296
ENSMUSG Ikzf4	0.843743	0.827231	0.938826	0.998957	0.783958	1.09513
ENSMUSG Olfr1391	0	0	0	0	0	0
ENSMUSG Vmn2r118	0	0	0	0	0	0
ENSMUSG Ube2j2	17.21084	16.65046	18.31741	17.60036	14.74894	18.198804
ENSMUSG Mrpl58	12.04408	10.65514	12.27503	11.82805	11.16945	11.897499
ENSMUSG Fam186a	0	0.031574	0.010966	0	0.020893	0
ENSMUSG Gm47841	0	0.099512	0.065911	0.037449	0	0
ENSMUSG Saxo2	3.178609	3.547568	1.821373	6.084291	5.062673	3.876539
ENSMUSG Bpifb5	3.62061	3.516074	2.700657	3.390927	2.953605	4.114487
ENSMUSG Susd1	0.985524	1.024365	0.965577	1.365881	2.202743	2.213142
ENSMUSG Rnf145	45.70434	47.08479	47.3973	37.55462	39.43202	36.073492
ENSMUSG H13	37.89047	26.83928	25.5723	44.52239	60.32595	59.900883
ENSMUSG Khlh3	0.747286	0.757128	0.487431	0.549262	0.786568	0.753852
ENSMUSG Nepn	0	0	0	0	0	0
ENSMUSG Ifna6	0	0	0	0	0	0
ENSMUSG Vmn1r83	0	0	0	0	0	0
ENSMUSG Vmn1r84	0	0	0	0	0	0
ENSMUSG Rnasel	8.811069	9.957478	10.73156	8.845178	11.65483	11.96634
ENSMUSG Mrpl48	7.210462	6.04563	6.240621	4.777483	4.463897	5.320666
ENSMUSG Coro1a	63.07396	49.93804	84.53868	98.06925	75.77153	100.41154
ENSMUSG Rab6a	53.88485	52.7478	49.77366	38.89753	39.16255	39.482674
ENSMUSG Gdpd3	0.639602	0.555271	1.161514	0.577376	0.467219	0.666311
ENSMUSG Plekhhb1	60.45088	65.59905	48.19533	40.35865	42.0765	41.202604
ENSMUSG Dnajb13	2.831071	2.92115	2.389624	3.031722	3.889742	3.671504
ENSMUSG Olfr1311	0	0	0	0	0	0
ENSMUSG Slc39a4	18.96478	16.87955	16.93708	15.72277	18.11065	18.938967
ENSMUSG Hs3st6	2.380957	2.336034	1.707669	1.479326	1.614442	1.165789
ENSMUSG Strip2	0.63564	0.703858	0.386414	0.789202	0.681171	0.868999
ENSMUSG Olfr874	0	0	0	0	0	0
ENSMUSG Ap5z1	4.264725	3.772062	4.317646	4.122141	4.539104	4.462317
ENSMUSG Trmt9b	0.666528	0.626495	0.545311	0.681119	0.602825	1.155766
ENSMUSG Prex1	12.29467	10.99873	13.6389	18.55391	17.49031	19.226211
ENSMUSG Mapk1	34.04306	34.55699	33.4236	30.92868	33.52925	33.191215
ENSMUSG Dmrt2	0.387119	0.389751	0.145183	0.617398	0.636918	0.766802
ENSMUSG Lrtm2	5.2844	6.050298	4.503068	2.650916	2.872363	2.06018
ENSMUSG Olfr538	0	0	0	0	0	0
ENSMUSG Galnt6	1.999631	1.981867	2.342023	5.317867	6.081254	7.110979
ENSMUSG Stag1	12.73888	12.66431	11.23577	10.50872	10.79201	10.874822
ENSMUSG Tbccl	15.80259	14.76793	12.25245	12.97237	12.28656	12.081895
ENSMUSG Gm20441	0	0	0	0	0	0.013537
ENSMUSG Gm5565	0	0	0	0	0	0
ENSMUSG Olfr50	0	0	0	0	0	0
ENSMUSG Tmed10	97.8047	99.553	97.50414	110.3425	108.4933	117.40559
ENSMUSG Naaladl2	0.802953	0.753296	0.418465	0.663453	0.602758	0.532423
ENSMUSG Isca2	15.42806	15.63491	18.36046	16.95356	15.77721	15.241763
ENSMUSG Abcd4	5.869676	4.86452	5.981637	5.440326	5.327556	5.127341
ENSMUSG Fcf1	17.45575	19.04333	23.74731	20.44655	17.28912	18.798504
ENSMUSG Npc2	225.8284	256.392	231.0886	322.8174	329.9519	359.61017
ENSMUSG Mlh3	3.731722	3.730191	3.334743	3.432996	3.241811	3.512497
ENSMUSG Gm7694	3.47836	3.19977	2.670136	2.759613	2.76692	2.906504
ENSMUSG Hmgb4	0	0	0	0	0	0
ENSMUSG Sult3a2	0	0	0	0	0	0
ENSMUSG Tas1r3	0.509716	0.632187	0.497101	0.497976	0.397015	0.602206
ENSMUSG Cptp	7.544143	8.151334	8.023551	7.407497	7.646321	8.697858
ENSMUSG Mxra8	82.65127	77.49225	88.25346	60.32793	62.2247	62.394781
ENSMUSG Dvl1	20.88495	21.1007	24.68405	19.93617	19.21055	19.682127
ENSMUSG Sdf4	45.22753	48.0781	45.83974	45.5333	47.19129	47.573593
ENSMUSG Ttll10	0.653006	0.718723	0.56875	0.680943	0.756267	0.758137

ENSMUSG Tnfrsf4	0.648435	0.346222	0.898642	1.490288	2.037122	1.182726
ENSMUSG Krt88	0	0.098881	0	0.057919	0.061265	0
ENSMUSG Nr6a1	0.819068	1.152814	0.84685	0.974741	1.035908	1.103546
ENSMUSG Slco1a5	0.782611	0.93457	0.334857	1.358503	1.859157	1.470113
ENSMUSG Gm7173	0.245488	0.311586	0.156838	0.353135	0.255542	0.228491
ENSMUSG Gpihbp1	191.4288	176.0552	216.4867	132.7274	140.3934	114.74152
ENSMUSG Ly6h	0.034505	0.176569	0.068033	0	0	0.082718
ENSMUSG Naprt	4.175386	4.100341	3.543986	4.683993	4.710068	5.629989
ENSMUSG Gsdmd	19.34299	17.10967	26.18085	19.36911	15.81099	18.55582
ENSMUSG Tsta3	13.55867	13.48333	13.6209	15.1129	15.2155	15.841703
ENSMUSG Pycrl	7.329364	8.62968	9.05497	9.242415	8.84265	9.789635
Mus_musc Mus_musc	0.103897	0	0.455062	0	0	0.065267
Mus_musc Mus_musc	0	0	0.210972	0	0	0
ENSMUSG Prl3c1	0	0	0	0	0	0
ENSMUSG Phox2b	0	0	0	0	0.014375	0
ENSMUSG Uba1y	0	0	0.012863	0	0	0
ENSMUSG Rpl34	185.3108	191.4182	208.7769	244.1325	220.6148	214.4352
ENSMUSG Hsh2d	0.928756	0.660129	1.328114	1.742267	0.900708	0.989345
ENSMUSG Ankrd13d	1.74349	1.400903	1.840783	1.693347	1.985009	2.089683
ENSMUSG Olfr1509	0	0	0	0	0	0
ENSMUSG Rsf1	5.506984	5.873307	5.716527	4.974102	5.028216	4.905379
ENSMUSG Nrcam	2.429096	2.02734	2.161567	3.440714	3.444256	3.237482
ENSMUSG Midn	35.48409	27.87727	30.17028	23.91249	20.71193	22.796507
ENSMUSG Tent2	10.19779	10.62532	9.706487	10.82398	9.915472	10.398662
ENSMUSG Gm9774	0.433269	0.574946	0.351465	0.635809	0.894031	0.553353
ENSMUSG Sdc1	72.70475	71.1723	63.12643	67.86469	68.6396	73.144807
ENSMUSG Lpin1	10.34428	11.52387	9.553895	8.779418	9.204123	10.511591
ENSMUSG Snx13	24.46423	24.99287	22.20094	19.94265	20.39236	18.444136
ENSMUSG Ntsr2	0	0	0	0	0	0
ENSMUSG Abca8b	4.367988	4.268687	4.370902	2.118072	2.526093	2.123664
ENSMUSG Rdh14	10.20299	10.34435	9.972369	11.10164	9.732347	10.836623
ENSMUSG Nt5c1b	0.033411	0	0.036272	0	0	0
ENSMUSG Map2k6	2.458138	2.933607	2.063504	2.7778	3.257366	2.635475
ENSMUSG Efna3	0.510462	0.553241	0.315066	0.455108	0.340518	0.609866
ENSMUSG Klhl29	2.844026	2.695196	3.208323	1.26685	1.493937	1.484948
ENSMUSG Dnajb4	30.41091	32.81115	33.17493	19.198	20.08655	19.927124
ENSMUSG Adi1	27.75456	29.05367	24.95919	27.34118	24.27515	27.725773
ENSMUSG Ifi44	4.448333	2.910798	10.63157	5.290091	3.613395	3.044263
ENSMUSG Ptgfr	2.304338	2.343637	2.032638	1.174607	1.071834	0.82459
ENSMUSG Dkk2	0.145705	0.235275	0.153844	0.272085	0.371974	0.33412
ENSMUSG Tbck	3.177883	3.005735	2.341171	2.637451	2.500868	3.098084
ENSMUSG Kcnq5	1.830404	2.00198	2.073898	2.141737	1.747953	1.54609
ENSMUSG Papss1	24.80922	25.93029	24.27861	23.48773	21.95216	23.72619
ENSMUSG Pea15a	118.1794	117.4359	123.8126	91.75831	96.86088	92.858741
ENSMUSG Mroh9	0	0	0	0	0	0
ENSMUSG Vmn1r4	0.019939	0	0	0	0	0
ENSMUSG Gmeb2	7.098831	6.478566	6.435114	5.645503	6.020065	5.839655
ENSMUSG Trpm5	0.112564	0.199588	0.13131	0.318259	0.377001	0.381248
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Rpain	9.965695	10.58111	11.30717	9.450225	9.861219	8.499535
ENSMUSG Derl2	14.25802	14.92641	14.32339	15.12976	15.62637	15.558729
ENSMUSG C1qbp	19.32251	16.73284	16.86788	18.15825	17.54336	19.231474
ENSMUSG Tipin	9.96415	7.995456	9.429257	8.073554	8.112688	9.460983
ENSMUSG Dis3l	7.098413	7.827504	6.695888	7.10591	7.743898	7.202791
ENSMUSG Igdcc3	0.035444	0	0.057321	0.104202	0.052025	0
ENSMUSG Dpp8	38.61256	40.56862	31.05627	33.15593	32.10253	31.442337
ENSMUSG Parp16	2.615275	2.789602	2.8637	2.84802	3.459893	3.405058
ENSMUSG Zdhhc19	0	0	0	0	0	0
ENSMUSG Tmem106c	10.2865	12.20647	10.89434	12.13771	9.470421	10.702578
ENSMUSG Rpl4	466.4614	470.2837	449.0844	516.4346	497.8875	522.55335
ENSMUSG Snapc5	14.85578	14.13073	15.09568	14.11231	11.91631	13.442448
ENSMUSG Tmem156	1.548508	1.673471	2.023397	1.472067	1.065575	1.695694
ENSMUSG Ndufv1	33.78555	35.29375	37.75318	31.28664	31.44596	31.944349
ENSMUSG 1500009C	0	0	0	0	0	0

ENSMUSG Rnf24	2.093603	2.678406	2.58381	2.393122	2.632001	2.176029
ENSMUSG Efna5	0.826088	1.198184	0.559056	0.395295	0.552067	0.444402
ENSMUSG Olfr223	0	0	0	0	0	0
ENSMUSG Npw	9.724749	9.26347	8.049138	5.144447	5.994825	5.165355
ENSMUSG Vrtn	0	0	0	0	0	0
ENSMUSG Syndig1l	0	0	0	0	0	0
ENSMUSG Kik6	0	0	0	0	0	0
ENSMUSG Brd2	77.04985	76.88146	80.99466	68.29585	67.86393	66.85045
ENSMUSG Zfp697	4.336953	5.105692	5.551381	2.815754	2.744984	2.579891
ENSMUSG Slc35d2	2.754617	3.026792	2.754523	3.41652	2.598227	2.852309
ENSMUSG Gm3286	0	0	0	0	0	0
ENSMUSG 3830406C:	9.856672	9.577176	9.645602	8.908753	8.024067	9.496284
ENSMUSG Prlr	0.181428	0.271182	0.130194	0.719514	0.697432	0.474941
ENSMUSG Ufd1	22.70531	24.77044	25.1483	21.80545	20.8315	19.551503
ENSMUSG Pdgfrb	26.2614	20.13868	25.5424	15.45401	15.81883	14.020637
ENSMUSG Csf1r	26.85517	24.5321	29.89897	41.05248	41.3718	42.987378
ENSMUSG Zfp287	2.847587	3.251384	3.718211	2.947658	2.122369	2.937642
ENSMUSG Uhmk1	27.07057	26.93138	24.30999	22.15366	22.72981	22.176901
ENSMUSG Phyh	32.44732	35.24159	28.50163	35.89779	33.05019	33.073086
ENSMUSG Sephs1	9.27491	8.302515	8.843698	7.745846	8.456656	8.487202
ENSMUSG Atf6	14.4322	15.50148	14.11309	15.12925	16.21816	14.52072
ENSMUSG Ucma	0	0	0	0.092453	0.133733	0
ENSMUSG Mcm10	0.182391	0.263217	0.241273	0.605804	0.399008	0.999565
ENSMUSG Rad51ap2	0	0.014532	0.059114	0.016442	0.01764	0
ENSMUSG Fam162a	24.26826	25.17165	26.46149	21.82969	24.51092	25.383597
ENSMUSG Notum	2.80243	2.993634	2.752066	1.931904	2.16717	2.316025
ENSMUSG Upk3b	30.74963	32.52944	23.66714	14.84059	7.9761	19.024889
ENSMUSG Bsdcl	26.44529	26.48234	27.6143	21.89187	22.90949	22.184132
ENSMUSG Rnf6	22.20752	21.11283	20.23545	18.32446	17.95244	19.114109
ENSMUSG Rpl7l1	25.2715	26.57552	25.8142	23.65772	24.11795	25.329407
ENSMUSG Psme4	12.6292	13.30354	11.88043	15.22947	15.21718	14.72677
ENSMUSG Plekhh2	5.216875	5.807439	4.901677	4.686991	4.464123	3.956124
ENSMUSG Repts2	14.89957	15.22302	12.16474	9.962044	9.552957	8.871715
ENSMUSG Erf	14.77193	13.72015	14.33452	9.178608	9.519422	9.559468
ENSMUSG Dlk1	0	0.047983	0	0.020979	0.029571	0
ENSMUSG Cyp3a25	0	0	0	0	0	0
ENSMUSG Arsa	9.389738	8.77094	9.79716	9.906681	9.957103	9.089246
Mus_musc Mus_musc	0.617818	1.036628	0.635924	0.914828	0.533407	1.082094
Mus_musc Mus_musc	0.066769	0.226961	0.163422	0.091741	0.311523	0.034979
Mus_musc Mus_musc	0.082726	0.290245	0.402822	0.260761	0.189706	0.325625
ENSMUSG Rev1	6.793577	6.677486	6.253117	4.460424	4.93893	4.620602
ENSMUSG Eif5b	15.75503	15.93273	16.11194	15.09304	15.44845	14.991008
ENSMUSG Chst10	0.532954	0.394838	0.424673	1.000636	0.842281	1.238331
ENSMUSG Mrpl30	28.55291	27.76599	28.23277	27.00996	26.39662	27.609899
ENSMUSG Lyg1	0	0	0	0	0	0
ENSMUSG Mitd1	8.414445	7.644326	9.530895	7.987497	7.387694	7.798778
ENSMUSG Cd33	4.211222	4.608682	4.453375	6.378295	7.032076	5.699095
Mus_musc Mus_musc	6.928676	5.209203	7.700818	11.3538	11.09008	11.612357
Mus_musc Mus_musc	0.221539	0.142683	0	0.115614	0.344614	0.108493
Mus_musc Mus_musc	0	0.171455	0	0.176451	0.187307	0.223752
Mus_musc Mus_musc	0.213387	0.126493	0.344925	0.118212	0.315345	0.258804
Mus_musc Mus_musc	0.105037	0.069728	0.04799	0.331876	0.169995	0.247727
Mus_musc Mus_musc	0	0.146113	0.019508	0.414343	0.053895	0.32541
ENSMUSG Hoxd3	0	0.031455	0.072344	0	0	0.034628
ENSMUSG Gm17654	0	0	0	0	0	0
ENSMUSG Rhox2f	0	0	0	0	0	0
ENSMUSG Gm4133	0	0	0	0	0	0
ENSMUSG Cd79a	13.67642	8.114264	9.328192	48.82962	38.9538	39.746555
ENSMUSG Grik5	3.414669	3.078664	3.193944	3.299114	2.923565	3.341222
Mus_musc Mus_musc	0	0	0	0.159488	0.072505	0.206302
Mus_musc Mus_musc	0	0	0.272513	0	0.367264	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.0406	0.249049	0.335109	0.316721	0.246955	0.248862
Mus_musc Mus_musc	7.013674	6.107554	8.754788	5.849942	5.132249	5.161648

Mus_musc Mus_musc	0.230653	0.15933	0.148012	0.394778	0.189037	0.334943
Mus_musc Mus_musc	0.21867	0.094721	0.314388	0.056711	0.127378	0.164589
ENSMUSG Stx19	1.912411	1.865649	1.678007	2.225513	1.842624	1.745839
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.091527	0.069562	0	0	0.127305
Mus_musc Mus_musc	0	0	0	0	0.261846	0
Mus_musc Mus_musc	0.445727	0.545099	0.381981	0.318581	0.346627	0.661866
ENSMUSG Gm884	0	0	0	0	0	0
Mus_musc Mus_musc	0.205485	0	0.112131	0.185292	0	0.102903
Mus_musc Mus_musc	2.289784	2.189496	3.476753	1.835106	1.160346	1.401029
Mus_musc Mus_musc	13.45745	14.40951	19.86872	13.44076	9.81604	10.720827
ENSMUSG Usp54	11.92841	12.69895	10.73335	7.925705	8.488208	7.615009
Mus_musc Mus_musc	0.157495	0.444451	0.291281	0.298023	0.245016	0.152731
Mus_musc Mus_musc	0.5077	0.490775	0.246783	0.802677	0.108697	0.065885
ENSMUSG Zfp84	4.969553	4.402597	4.446778	3.843163	4.08061	4.078586
ENSMUSG Gm1527	0	0	0	0	0	0
ENSMUSG Eif2s2	19.14674	20.71667	20.72504	23.4796	20.32884	21.41625
ENSMUSG Kif5a	0.143749	0.266155	0.143042	0.330058	0.420626	0.27542
ENSMUSG 4930550L2	0	0	0	0	0	0
ENSMUSG Myh7b	0.096045	0.015199	0.082591	0.027417	0.059646	0.067721
ENSMUSG Lrrc31	0.343342	0.457401	0.207282	0.405306	0.40776	0.417032
Mus_musc Mus_musc	5.237233	5.459655	5.341039	4.505477	4.465112	4.105602
ENSMUSG Spatc1l	0	0.053522	0.057073	0.151284	0.155857	0.082967
Mus_musc Mus_musc	0	0	0	0	0	0.202676
Mus_musc Mus_musc	0.04045	0.332502	0.222281	0.195127	0.085493	0.2131
Mus_musc Mus_musc	0	0.030324	0.048068	0	0.017901	0
Mus_musc Mus_musc	0.02444	0.025268	0	0	0.150321	0.032457
Mus_musc Mus_musc	2.788017	2.586583	3.581215	3.402612	3.259701	3.05951
Mus_musc Mus_musc	1.371665	0.270078	0.631432	0.326249	0.210685	0.40056
Mus_musc Mus_musc	3.011977	9.422455	7.916919	6.49014	2.746238	9.023373
ENSMUSG Tmem104	4.751665	4.150314	4.488468	5.88969	6.067032	6.800287
ENSMUSG Eif4g1	73.96668	70.8927	73.86825	68.13417	72.35481	70.852071
ENSMUSG Tmub1	6.056515	7.639274	7.792158	7.129864	6.667995	6.778683
ENSMUSG Fastk	17.35642	15.53535	15.19415	16.83439	16.86374	15.042113
ENSMUSG 4930451l1	0	0	0	0	0	0
ENSMUSG Nub1	32.02857	31.90106	32.5071	27.31528	27.1647	25.930275
ENSMUSG Vamp3	68.69106	62.70696	66.32768	50.39594	49.62151	50.384319
ENSMUSG Zbtb48	6.139527	4.882144	6.318715	5.435326	4.835082	5.905945
ENSMUSG Abcf2	23.86441	24.10483	25.27246	21.15627	21.55512	20.876425
ENSMUSG Tas1r1	0.035991	0.121593	0.113588	0.301413	0.194126	0.312531
Mus_musc Mus_musc	0.794914	0.606928	0.340341	0.170747	0	0.198798
ENSMUSG Tex52	0.050243	0	0.036294	0.302956	0.161474	0.09718
ENSMUSG Adam24	0	0	0	0	0	0
ENSMUSG Cdc42se1	44.96162	44.95251	45.85098	44.37975	43.63292	44.532744
ENSMUSG Cystm1	85.01235	84.00102	83.50621	62.03499	69.42867	74.926185
Mus_musc Mus_musc	0.171658	0.375972	0.127944	0.280857	0.153232	0.582952
Mus_musc Mus_musc	0.618816	0.560499	0.411618	0.168629	0.161839	0.135431
Mus_musc Mus_musc	0.337806	0.158199	0.090082	0.198314	0.145456	0.224897
ENSMUSG Dennd4b	5.557112	4.699761	5.415029	6.12776	6.206195	6.814885
ENSMUSG Atf4	77.82888	76.74708	91.0464	69.38236	71.83921	79.722855
ENSMUSG Crtac1	0.014663	0	0.01376	0.01357	0	0.030698
ENSMUSG Zmym6	4.650675	4.381107	4.313323	3.812792	3.167278	3.371714
ENSMUSG Grin2d	1.214456	0.957347	1.459757	0.882128	1.122698	1.376985
ENSMUSG Ada	1.537001	1.682273	3.156444	7.167665	5.078352	6.212958
ENSMUSG Rhbdl3	1.140419	1.835107	1.503401	2.098674	2.044946	2.042022
ENSMUSG Kdelr1	56.10778	56.40735	56.99192	61.59301	62.31633	59.098395
ENSMUSG Spg7	16.35763	14.32207	14.61108	12.91079	12.80671	13.209223
ENSMUSG Sult5a1	2.544503	1.786528	1.699188	2.267082	2.303147	2.403193
ENSMUSG Impa2	1.854617	2.377626	1.985025	3.431188	4.078795	4.873672
ENSMUSG Dnmt3l	0.534166	0.11912	0.218356	0.069435	0.137746	0.077233
ENSMUSG Aire	0	0.089815	0	0.02781	0.042079	0.019623
ENSMUSG Icosl	7.634918	7.436386	8.047543	6.571575	6.75536	6.566303
ENSMUSG D1Ertd622	5.668914	5.6422	5.03513	5.761713	8.408922	4.780966
ENSMUSG Trmt10c	4.17778	4.591086	4.562233	4.984965	4.103749	4.244075

ENSMUSG Bms1	14.0448	13.76861	14.38043	12.01675	11.1288	12.518094
ENSMUSG Ebf3	0.033322	0.072798	0.030141	0	0	0
ENSMUSG Rasgef1a	38.61388	41.27521	43.34501	25.08977	23.2204	20.925639
ENSMUSG Aamp	58.59701	61.82147	66.24785	58.91953	58.6512	61.522721
ENSMUSG 4930433I1	0	0	0	0	0	0
ENSMUSG 4933430I1	0.053678	0.102555	0.084894	0.398783	0.621645	0.396987
ENSMUSG Gpr107	12.34524	11.68723	12.09126	12.39176	12.29687	12.928635
ENSMUSG Nalcn	0.139796	0.040646	0.069169	0.12879	0	0.055499
ENSMUSG Nrxn3	0.007121	0.022011	0.017359	0.057947	0.025829	0
ENSMUSG Zfp101	3.012134	3.430434	2.78471	2.491596	2.720059	3.059268
Mus_musc Mus_musc	0.193874	0.212085	0.151536	0.420299	0.220845	0.210767
ENSMUSG Cep162	2.36544	2.65678	2.314041	3.117946	2.963185	2.674643
ENSMUSG Sipa1	39.71143	32.70065	42.63054	35.90637	33.6349	37.249477
ENSMUSG 1700017N	0	0	0	0	0	0
ENSMUSG Vmn2r107	0	0	0	0	0	0
ENSMUSG Olfr974	0	0	0	0	0	0
ENSMUSG Foxd4	0	0.013161	0	0	0	0
ENSMUSG Kcnj16	0.053346	0	0	0	0	0
ENSMUSG Irf2bp2	17.64864	16.34162	16.8425	12.26516	14.01302	13.372147
ENSMUSG Zfp786	0.066704	0.136465	0.0612	0.088126	0.103906	0.257664
ENSMUSG Gucy2c	0	0	0	0.031559	0	0
ENSMUSG Rpl37	111.2764	128.5682	134.5771	144.4292	124.5966	136.75794
ENSMUSG Olfr1062	0	0	0	0	0	0
ENSMUSG Fhdc1	11.57389	13.84328	7.678196	9.733366	10.94421	11.112038
ENSMUSG Rhod	5.073272	4.68628	5.855291	5.199831	5.421463	5.259328
ENSMUSG Tcf711	7.97449	9.159684	7.098984	7.284762	8.348102	7.2277
ENSMUSG Ppp4r3a	14.13345	14.85864	12.7561	13.71531	13.94171	13.718067
ENSMUSG Card6	3.890412	3.641825	3.319875	3.205318	3.562664	3.318347
ENSMUSG Palm2	0.211644	0.4998	0.471308	0.37766	0.578182	0.362441
ENSMUSG Adra1b	0.471467	0.654865	0.570458	0.496691	0.345506	0.438916
ENSMUSG Pla2g6	5.774072	6.66167	6.653227	6.992518	7.235504	7.712095
Mus_musc Mus_musc	0	0.101677	0.128339	0.0777	0.05239	0.15306
ENSMUSG Xkr7	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0.030925	0
Mus_musc Mus_musc	0.18636	0	0	0.183555	0.049785	0
Mus_musc Mus_musc	0	0	0	0.142239	0.324682	0
ENSMUSG Olfr68	0	0	0	0	0	0
ENSMUSG Gm2001	0.055575	0.023008	0	0	0	0
Mus_musc Mus_musc	0.231589	0.289082	0.133745	0.295158	0.049781	0.256095
Mus_musc Mus_musc	0.209229	0.538689	0.189145	0.367253	0.340275	0.192328
Mus_musc Mus_musc	0.711033	0.929142	0.316074	0.506022	0.417828	0.500469
Mus_musc Mus_musc	1.407045	0.974727	0.775002	0.555888	0.404281	0.175032
Mus_musc Mus_musc	0.539434	0.511314	0.580891	1.019849	0.998116	0.710325
ENSMUSG Ppp1r3c	3.481244	5.613191	4.324616	6.75495	6.284577	7.871845
ENSMUSG Capn6	0.385145	0.385492	0.301817	0.47323	0.374119	0.633195
ENSMUSG Rplp0	230.1087	233.7997	234.8664	303.1622	293.2412	326.86995
ENSMUSG Cyp20a1	16.29748	13.60687	15.4308	11.55231	11.97587	11.32385
ENSMUSG Dennd1b	3.981779	3.272553	3.372863	4.533964	4.011429	4.508813
ENSMUSG Cep70	5.823178	6.471374	4.484117	4.970732	3.771236	4.67562
ENSMUSG Lrif1	6.168621	6.64375	6.788129	7.032597	7.549387	6.500715
ENSMUSG Erfe	0.021496	0.036263	0.098574	0.093688	0.095329	0.228485
ENSMUSG Antxrl	0	0.042213	0	0.102009	0.019264	0.023368
ENSMUSG Arl4a	9.908478	12.5331	9.810629	5.928868	6.357949	7.10098
ENSMUSG Olfr139	0	0	0	0	0	0
ENSMUSG Cyp2j9	2.523701	2.84582	2.512521	1.743237	1.655119	1.83481
ENSMUSG Map2	3.287952	2.667693	2.69974	2.433896	2.519301	2.436379
ENSMUSG Kcnmb3	0	0	0.072795	0.06017	0.118111	0
ENSMUSG Gm17304	0	0	0	0	0	0
ENSMUSG Rpgrip1	0.088246	0.169997	0.128473	0.139536	0.274037	0.166938
ENSMUSG Chd6	9.479595	9.773213	7.779441	7.793546	7.754499	6.963442
ENSMUSG Txnl4a	11.58976	15.34186	13.87754	13.82612	12.8176	13.828454
ENSMUSG Tmem140	25.08587	27.33209	36.21111	24.54982	21.10781	21.996064
ENSMUSG Ado	6.123183	6.631237	5.725777	6.325066	6.386264	6.632611
ENSMUSG Scimp	2.417248	2.477521	3.960301	3.964104	5.033347	5.055827

ENSMUSG Cox4i2	48.84673	51.30386	70.39561	29.19171	29.50556	26.438613
ENSMUSG Slc22a30	0	0	0	0	0	0
ENSMUSG D930048N	1.59325	1.886084	1.986028	1.846233	1.209978	1.147788
ENSMUSG Cpne8	10.65405	10.22987	9.189269	6.882624	7.875021	7.059634
ENSMUSG Hook2	5.124494	5.384072	4.462158	4.941406	4.915005	5.008555
ENSMUSG Hist1h1d	0.062449	0.023068	0.013606	0.072138	0.094063	0.042865
ENSMUSG Gm20537	0.082697	0.006258	0	0	0.055857	0
ENSMUSG Gm20422	0	0	0	0	0.050753	0
ENSMUSG Klhdc3	29.91559	29.81311	29.47448	29.34571	28.47767	29.747112
ENSMUSG Cpe	14.57226	16.26024	9.099649	11.47528	9.249825	12.18496
ENSMUSG Iars	12.45361	11.63596	12.35821	10.98027	11.69294	12.628734
ENSMUSG Nufip2	13.43424	14.4757	13.32558	12.25168	12.61695	12.039346
ENSMUSG Zfp365	2.732085	2.672459	3.049022	1.736852	1.394428	1.845279
ENSMUSG Gm2075	0	0	0	0	0	0
ENSMUSG Olfr161	0	0	0	0	0	0
ENSMUSG Ankmy2	9.065702	8.328376	8.835581	7.818788	7.577345	8.481754
ENSMUSG Fam69b	2.38821	1.810617	1.903954	2.847673	3.291747	3.212075
ENSMUSG Rtp4	14.80478	11.09023	30.71334	16.20429	10.98672	9.947951
ENSMUSG Pus7l	1.151825	1.306793	1.467603	1.068184	1.303823	1.150614
ENSMUSG Sapcd1	0.347189	0.398059	0.671107	1.535081	0.420413	0.78614
ENSMUSG Gm21698	0	0	0	0	0	0.018449
ENSMUSG Gm16427	0	0	0	0	0	0
ENSMUSG Gatad2a	28.82969	26.19493	27.14299	22.12256	22.32272	23.255609
ENSMUSG Hist1h1c	34.33442	27.92355	23.70412	37.69168	35.11923	34.811554
ENSMUSG Phf5a	14.74108	15.46294	12.34351	12.92397	15.89242	11.316323
ENSMUSG Olfr168	0	0	0	0	0	0
ENSMUSG Olfr771	0	0	0	0	0	0
ENSMUSG ccdc198	0	0	0	0	0	0
ENSMUSG Slc35f4	0	0	0	0	0	0
ENSMUSG Ccdc32	8.524322	9.049478	8.632699	9.883453	7.890749	7.710622
ENSMUSG Dtx4	4.635749	5.592836	4.312414	8.519804	8.131415	9.271837
ENSMUSG Zc3h12d	1.013311	0.54555	0.844887	2.369886	2.000053	2.397572
ENSMUSG Phtf2	2.194012	2.502686	2.253495	2.961802	2.845468	3.094995
ENSMUSG Sinhcaf	9.401655	9.876641	9.364836	7.385089	10.27178	8.622526
ENSMUSG Cbx4	9.113094	7.320603	8.180062	8.730848	7.820658	8.620034
ENSMUSG Ankrd13c	15.91612	16.088	15.0412	13.78182	14.03031	14.19233
ENSMUSG Nnt	0	0	0	0	0	0
ENSMUSG Olfr114	0	0	0	0	0	0
ENSMUSG Gch1	6.33998	5.217155	6.041492	5.525875	6.673966	6.972627
ENSMUSG Nr0b2	0	0	0	0	0	0
ENSMUSG Olfr911-ps	0	0	0	0	0	0
ENSMUSG Mysm1	5.637883	5.093831	4.298128	5.270614	4.643003	4.431628
ENSMUSG Tex24	0	0	0	0	0	0
ENSMUSG Gm13276	0	0	0	0.090019	0	0.050324
ENSMUSG Gm21488	0	0	0	0	0	0
ENSMUSG Gm20835	0	0	0	0	0	0
ENSMUSG Lim2	0	0	0.04854	0	0	0
ENSMUSG Cd302	22.26214	25.86819	24.8991	25.04732	29.75282	27.377328
ENSMUSG Fpr-rs3	0	0	0	0	0	0
ENSMUSG Gm28870	0	0	0	0	0	0
ENSMUSG Bloc1s4	6.178893	5.606893	6.528527	6.357673	5.209054	6.408032
ENSMUSG Tex13a	0	0	0	0	0	0
ENSMUSG Hif1an	12.53109	14.14845	12.30929	11.76233	12.75281	12.257449
ENSMUSG Arhgap26	6.979423	5.760259	5.638852	5.268404	5.212748	5.322062
ENSMUSG Gm21293	0	0	0	0	0	0
ENSMUSG Wtip	11.7052	13.07111	13.79609	10.19331	10.57267	10.479887
ENSMUSG Vmn2r103	0	0	0	0	0	0
ENSMUSG Olfr1404	0	0	0	0	0	0
ENSMUSG Abcb5	0	0	0	0	0	0
ENSMUSG Tap1	17.54683	12.80424	68.50539	43.30217	19.81423	24.093151
ENSMUSG Mfap5	6.813271	6.972776	5.744157	8.506015	6.220185	9.137204
ENSMUSG Klrg1	1.927787	1.100681	6.346337	1.835794	1.063513	1.530413
ENSMUSG Bbs7	3.307925	3.991608	3.475779	3.459809	3.568857	2.857855
ENSMUSG Gm26558	0.092532	0.054043	0.095959	0.078761	0.162718	0.12645

ENSMUSG A2m	0	0.019871	0	0.080246	0.10634	0.080741
ENSMUSG Capn15	7.558117	8.359936	9.133457	8.980261	8.809996	9.781487
ENSMUSG Rabep1	13.09876	13.55332	12.36051	10.85338	10.70389	11.108932
ENSMUSG Mxra7	21.65581	23.49639	24.00457	14.94676	16.17033	13.900697
ENSMUSG 1810032O	1.8976	2.18858	3.162861	2.357705	1.642173	2.757641
ENSMUSG Ptpn22	2.151807	2.355087	3.208952	6.037778	4.994483	5.448326
ENSMUSG Cygb	10.11426	11.4547	7.499359	9.517493	8.370284	10.094404
ENSMUSG Syt6	0.261001	0.101091	0.254896	0.058754	0.109109	0.160245
ENSMUSG Olfml3	12.43963	10.35696	13.4611	12.18113	11.77382	12.600092
ENSMUSG Mfsd11	7.504537	7.093471	7.236063	8.741922	10.2083	9.791533
ENSMUSG Pbx4	0.483937	0.305354	0.23467	0.405034	0.553428	0.607688
ENSMUSG Lpar2	0.991161	1.079515	0.990326	0.98598	0.77598	0.705891
ENSMUSG Atp13a1	12.62968	10.77435	13.25683	11.81736	12.81041	13.510239
ENSMUSG Ints10	8.332075	8.693343	6.361533	6.120764	7.40258	6.530645
ENSMUSG Dctn1	48.87411	48.2572	45.40433	36.22251	36.5763	36.334992
ENSMUSG Olfr477	0	0	0	0	0	0
ENSMUSG 2610318N	0.315316	0.340834	0	0.719461	0.971622	0.60388
ENSMUSG Lrrc40	4.873624	4.058633	3.414227	3.619787	3.564908	3.441917
ENSMUSG Pacsin3	10.73014	10.70854	10.30349	8.896553	9.39443	8.558314
ENSMUSG A730015C	0.514921	0.208769	0.344745	0.239363	0.41748	0.375259
ENSMUSG Prlh	0.091972	0.272278	0	0	0	0.131466
ENSMUSG Snrpe	19.73683	19.78371	16.45135	27.93042	15.43581	12.482585
ENSMUSG Tbx22	0	0	0	0	0	0
ENSMUSG 2610002M	5.404826	6.019989	4.98914	5.0142	5.367868	4.883679
ENSMUSG Olfr753-ps	0	0	0.317581	0.16486	0.017353	0
ENSMUSG Gm30083	0	0	0	0	0	0
ENSMUSG Olfr157	0	0	0	0.046509	0.026463	0.020025
ENSMUSG Lrrn4	7.508554	7.680822	4.850492	5.046984	2.725206	7.263532
ENSMUSG Ubn1	17.8191	17.97188	16.77806	15.95793	17.01843	15.93938
ENSMUSG Zdhhc2	1.45651	2.336911	1.586581	1.989116	2.167807	2.295791
ENSMUSG Olfr448	0	0	0	0	0	0
ENSMUSG Prrx2	0.390025	0.070355	0.059673	0.254926	0.300444	0.21269
ENSMUSG Wfs1	6.908181	7.046233	7.523012	8.63071	9.868281	9.62102
ENSMUSG Zfp882	1.238288	1.555856	1.755893	1.507249	1.493383	1.66524
ENSMUSG Olfr91	0	0	0	0.03986	0	0
ENSMUSG Gm13769	0	0	0	0	0	0
ENSMUSG Gm11939	0	0	0	0	0	0
ENSMUSG Olfr707	0	0	0	0	0	0
ENSMUSG Gm12355	0.490063	0.275292	0.180259	0.437635	0.177863	0.091461
ENSMUSG Cd300e	1.776033	1.091029	2.968438	1.281286	0.564103	0.348084
ENSMUSG Nagk	19.75896	17.3678	20.16631	21.05268	23.49054	22.35502
ENSMUSG Vipas39	13.59681	13.24389	13.0431	13.87306	14.09769	14.29397
ENSMUSG Snw1	36.27543	37.02667	35.58548	29.95268	29.7282	28.001642
ENSMUSG Sptlc2	30.11714	30.56952	30.02997	24.60498	23.45568	25.27207
ENSMUSG Nrip1	5.866912	5.981387	5.442378	5.108841	5.662853	5.307061
Mus_musc Mus_musc	0.459062	0.483138	0.346179	0.534775	0.649305	0.442077
ENSMUSG Ngb	2.050203	2.605018	1.76388	0.619286	0.613406	0.65434
ENSMUSG Gstz1	20.54007	27.13676	20.41028	19.80342	18.08252	18.057051
ENSMUSG Mmgt2	7.208674	5.991149	9.548142	9.838295	9.993403	10.051989
ENSMUSG 2210016L2	9.915373	8.107853	9.602869	7.824022	7.602453	7.370566
ENSMUSG Ccdc88a	4.354159	4.837237	3.635924	5.970157	5.742044	5.511468
ENSMUSG Mad1l1	5.749251	5.385598	6.085519	5.932984	5.677922	5.628599
ENSMUSG Mrm2	4.423907	4.214578	4.683383	4.665306	4.025787	4.385925
ENSMUSG D430042C	7.449836	7.157578	6.566533	7.169508	6.23161	6.876526
ENSMUSG Psmg3	9.798923	10.22448	11.02927	9.792171	9.763248	10.056357
ENSMUSG Gpbp1	29.05581	29.87875	28.41248	27.23685	25.38567	25.22373
ENSMUSG Tfec	3.03838	3.722257	4.802801	9.249034	10.8593	10.717917
ENSMUSG Tes	14.84508	13.55882	12.8587	15.64979	17.4588	18.925114
ENSMUSG Golt1a	0.201486	0.373076	0.377457	0.514053	0.264078	0.418483
ENSMUSG Flad1	6.110951	6.003398	6.567224	7.183649	5.901208	7.21033
ENSMUSG Rgs1	0.085445	0.087777	0.053714	0.02131	0.053443	0.028371
ENSMUSG Acp4	0	0.012974	0	0	0.037323	0
ENSMUSG Acad12	4.240215	4.363752	4.333492	3.781439	3.808507	3.712882
ENSMUSG Itpr3	11.85072	10.39685	11.02124	11.47259	10.62428	12.155941

ENSMUSG 4930432M	0	0	0	0	0.036908	0
ENSMUSG Dda1	27.81312	28.95123	33.6879	25.58759	23.67692	26.855471
ENSMUSG Sbp1	0	0	0	0	0	0
ENSMUSG Prss30	0.454957	0.448077	0.348276	0.332114	0.469268	0.419909
ENSMUSG Pdpk1	12.65633	13.33789	12.1901	11.09877	11.2959	11.893267
ENSMUSG Atp6v0c	66.68996	79.83779	74.29293	88.28844	98.02126	147.83134
ENSMUSG Cib3	0.277827	0.311784	0.107715	0.139808	0.156056	0.080286
ENSMUSG Mei1	0	0	0	0	0	0
ENSMUSG Ccdc134	4.510046	5.186005	4.426574	7.41226	6.736513	6.938248
ENSMUSG Ninl	1.345202	1.42802	1.151908	0.963793	0.864556	1.104675
ENSMUSG Gm4907	0	0	0.033946	0	0	0.036735
ENSMUSG Cage1	0.541074	0.59796	0.257253	0.714322	0.529296	0.637669
ENSMUSG Rbm7	30.37346	28.80579	29.46262	27.49865	26.03916	27.182184
ENSMUSG Gatad2b	10.42489	10.34883	9.755734	8.664907	8.676289	9.06367
ENSMUSG AspH	12.01696	12.7417	10.6058	11.29509	10.49691	9.906948
ENSMUSG Perm1	0.48813	0.686302	0.495592	1.001139	0.550649	0.684336
ENSMUSG Fgb	0	0	0	0	0.0147	0
ENSMUSG Tpbpa	0	0	0	0	0	0
ENSMUSG Foxh1	0	0	0.065104	0.016828	0.029953	0.032115
ENSMUSG Jak2	16.2478	17.61231	16.36639	19.72738	19.73942	19.407923
ENSMUSG Ak3	52.8067	58.65923	52.37007	49.22761	49.70298	48.006911
ENSMUSG Klra1	0	0	0.212386	0.144075	0	0
ENSMUSG Klra4	0	0	0	0	0	0
ENSMUSG Snx15	8.730039	10.31697	12.08573	8.842593	11.11995	10.392873
ENSMUSG Majin	0.205911	0.179882	0.458864	0.250568	0.053785	0.231117
ENSMUSG Rcl1	6.671831	6.831288	6.71992	6.847386	6.743238	6.802684
ENSMUSG Gpha2	0.052002	0	0.117504	0.421884	0.180561	0.14382
ENSMUSG Sync	0.877078	0.733379	0.804492	0.975123	1.155658	0.661266
ENSMUSG Stambp	11.14915	10.70326	10.88954	9.770065	9.789814	8.995587
ENSMUSG Dnmt3b	1.090527	1.206815	1.117868	0.879919	0.759159	1.232973
ENSMUSG Olfr1197	0	0	0	0	0	0
ENSMUSG Ccm2l	26.00942	20.30257	27.07875	15.51853	14.0133	13.200655
ENSMUSG Olfr1200	0	0	0	0	0	0
ENSMUSG Olfr1198	0	0	0	0	0	0
ENSMUSG Mylk2	0.132214	0.100921	0.034348	0.061386	0.173793	0
ENSMUSG Gm13762	0	0	0	0	0	0
ENSMUSG PdrG1	27.9941	28.15707	32.37746	27.96966	26.9485	29.003709
ENSMUSG Olfr1209	0	0	0	0	0	0
ENSMUSG Nmd3	1.880513	1.87733	1.920154	2.491357	2.138229	2.196928
ENSMUSG Ppm1l	7.375756	7.53651	5.187615	4.96712	4.457917	4.683244
ENSMUSG Kpna4	23.04355	21.32927	23.79781	17.98704	13.86204	16.537132
ENSMUSG Klri2	0.190242	0.171227	1.087529	0.232451	0.113265	0.156415
ENSMUSG Gimap7	4.042896	2.405016	6.133262	7.346462	5.722897	8.208629
ENSMUSG A530064D	0.225799	0.215972	0.338327	0.199081	0.722427	0.453855
ENSMUSG AW822075	0	0	0	0	0	0
ENSMUSG Cbwd1	4.037864	4.839588	3.739414	3.376755	3.603575	3.362062
ENSMUSG Yif1a	19.3789	16.11191	17.67428	15.2879	18.94308	20.762699
ENSMUSG Doc2g	0.668689	1.541222	0.386364	0.609416	0.59261	0.690453
ENSMUSG Rab1b	79.93739	81.46424	83.85029	79.03121	76.90759	84.220085
ENSMUSG Cnih2	0.2969	0.288191	0.253921	0.470703	0.37761	0.136854
ENSMUSG AL731706	0.030284	0.02362	0.021505	0.025867	0.032218	0.029344
ENSMUSG Riok2	6.484988	6.908311	7.003896	5.867352	5.775619	4.855526
ENSMUSG lqj	0	0	0	0	0	0
ENSMUSG Ccdc87	0.28927	0.185874	0.128184	0.365857	0.39782	0.557276
Mus_musc Mus_musc	0.095335	0.28759	0.22412	0.2333	0.04976	0.189354
Mus_musc Mus_musc	0	0	0	0	0	0.34627
ENSMUSG Zbtb43	7.13118	6.471622	5.868729	6.00057	5.637368	6.041381
ENSMUSG Pkn3	6.436896	6.416787	8.704529	5.035926	4.086505	5.489183
ENSMUSG Pdss1	1.708107	1.6411	1.257521	1.508022	1.425483	1.392973
ENSMUSG Gad2	0.041312	0.016119	0.032381	0.007301	0.017356	0
ENSMUSG Apbb1ip	10.37024	8.111697	10.89379	13.20546	12.32116	12.035306
ENSMUSG Acbd5	28.17391	27.20985	26.55928	21.71592	22.36695	20.284904
ENSMUSG Abi2	6.057204	5.35379	5.086572	4.574254	4.643955	4.628166
ENSMUSG UbfD1	7.862306	8.657938	8.564759	7.614708	9.162523	9.889244

ENSMUSG Ears2	1.629448	1.811754	1.953007	2.440123	1.34178	1.885369
ENSMUSG Gga2	7.97231	6.952094	6.019088	10.88884	9.886223	11.45381
ENSMUSG Scnn1b	44.80586	45.32718	38.63672	23.07385	22.9621	21.211133
ENSMUSG Mettl9	22.71204	19.23254	21.74314	20.86806	22.65562	21.358988
ENSMUSG Mfsd13b	0	0.038024	0.026915	0.113023	0	0
ENSMUSG Cdr2	15.67806	15.59316	18.64326	10.10569	11.2408	11.436252
ENSMUSG Mrpl17	7.971683	5.188492	3.289945	3.609317	4.095998	4.949313
ENSMUSG Cd247	4.940018	3.84711	6.358899	7.587584	6.836243	7.548033
ENSMUSG Cdk18	5.913249	4.893785	6.241001	4.978491	4.902121	5.411537
ENSMUSG Elk4	25.99463	25.09021	26.04622	21.02991	20.30166	17.420391
ENSMUSG Slc45a3	2.815964	3.168008	2.941762	3.459357	2.695702	3.534149
ENSMUSG Nucks1	14.36672	13.79972	12.11562	11.42025	11.68866	10.729414
ENSMUSG Rab29	11.50079	9.150242	10.47291	11.20663	12.09131	12.639831
ENSMUSG Avpr1b	0	0	0	0	0	0
ENSMUSG Rassf5	12.47762	11.51834	15.32948	12.32706	11.82405	13.287182
Mus_musc Mus_musc	1.413453	1.534578	1.33133	0.936822	1.099393	0.762663
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Rbbp5	12.24171	11.82335	11.28807	12.10687	11.27294	10.715764
Mus_musc Mus_musc	0.169751	0	0.168936	0.198991	0	0
ENSMUSG Gm3055	0.632024	0.639571	0.651208	0.598366	0.662244	0.560003
ENSMUSG Cldn34c3	0	0	0	0	0	0
ENSMUSG Col26a1	0.060581	0.046998	0.027336	0.142229	0.149636	0.081066
ENSMUSG Tmem121l	0.830675	0.737858	0.589177	0.644281	0.509349	0.591522
ENSMUSG Gm4836	0	0	0	0	0	0
ENSMUSG Gm3252	0	0.035628	0	0	0	0
ENSMUSG Sema4c	9.309121	8.74467	11.33966	9.129489	9.657627	9.519856
ENSMUSG Cd24a	115.0838	134.8381	97.59832	205.6649	208.647	203.5215
ENSMUSG Prss39	0	0	0	0	0	0
ENSMUSG Lrrn4cl	1.258676	1.329184	1.480333	0.845319	0.576274	0.898327
ENSMUSG Ubxn1	70.66872	71.69015	80.63631	67.44483	72.19613	71.007254
ENSMUSG Ptpn18	9.74226	9.09911	12.62968	19.46772	13.24932	14.173337
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0.0668	0.135783	0	0	0.070432
Mus_musc Mus_musc	0.132691	0.266816	0	0	0.129249	0
Mus_musc Mus_musc	1.041637	0.936152	0.698859	0.478398	0.566542	0.907864
Mus_musc Mus_musc	0.076476	0.02777	0.312524	0.411723	0.05982	0.326989
Mus_musc Mus_musc	0	0	0	0.306187	0	0
ENSMUSG St7	5.737228	5.685308	5.28686	4.946161	4.851288	4.94194
Mus_musc Mus_musc	0.139535	0.131128	0.049076	0.05811	0.133979	0
Mus_musc Mus_musc	0.192228	0.416486	0.378425	0.171917	0.244457	0.2845
ENSMUSG Tmem64	10.63324	10.38564	10.58188	10.56155	10.22223	9.732449
ENSMUSG Exoc3l	8.581105	7.005837	9.416091	6.084475	6.342261	5.727799
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0.173943	0.32224	0.086002	0.415592	0.100713
Mus_musc Mus_musc	0	0	0.054259	0	0	0.184276
Mus_musc Mus_musc	0.170265	0.0421	0	0.237703	0.108603	0.333742
ENSMUSG Fam13c	6.272205	8.224263	7.208464	5.309255	5.433528	4.903382
Mus_musc Mus_musc	0	0	0	0.364534	0.119097	0.160687
Mus_musc Mus_musc	0.574836	0.412465	0.570019	0.470421	0.741379	0.487529
Mus_musc Mus_musc	0.505191	0.102089	0	0.079581	0.158802	0.186713
Mus_musc Mus_musc	0.457851	0.307058	0.3076	0	0.360723	0.512468
Mus_musc Mus_musc	0.05073	0.10589	0	0.149521	0	0.134494
Mus_musc Mus_musc	0.242962	0	0.285673	0	0	0
ENSMUSG Inpp5k	54.47784	47.2216	44.23414	34.27531	31.45166	31.015542
ENSMUSG Gm21738	0	0	0.134409	0	0	0
ENSMUSG Olfr117	0	0	0	0	0	0
ENSMUSG Cfap97d1	0.134227	0.0831	0.131703	0	0	0
Mus_musc Mus_musc	0.101044	0	0.421197	0.093408	0.282066	0.290808
Mus_musc Mus_musc	0.123251	0	0	0.152343	0.097727	0.293235
Mus_musc Mus_musc	0.188077	0	0	0	0	0
ENSMUSG 2410141K	0	0	0	0	0	0
Mus_musc Mus_musc	0.278797	0.600214	0.821457	0.89829	0.799128	0.203807
Mus_musc Mus_musc	0.157902	0.05544	0.151739	0.149216	0.196977	0.38249

Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.517491	0.418812	0.420316	0.342592	0.199367	0.403606
ENSMUSG Anapc1	16.07998	16.36805	13.87805	13.60011	14.47345	14.095265
ENSMUSG Tmem87b	13.02369	13.31199	11.8796	10.51513	11.64139	10.045034
ENSMUSG Gpbar1	0	0	0	0	0	0.025745
ENSMUSG Gip	0	0	0	0	0	0
ENSMUSG Hspb9	0.289794	0.22397	0.350965	0.173938	0.430479	0.107978
ENSMUSG Rab5a	36.5481	33.29064	34.49702	28.77069	31.40507	28.838221
ENSMUSG Derl3	1.524606	1.273139	0.835985	24.71098	27.49699	22.738395
ENSMUSG Gstt4	0	0	0	0.025633	0.05442	0
ENSMUSG Ap1b1	18.36513	18.0115	17.85802	20.32728	20.75345	22.607525
Mus_musc Mus_musc	0	0	0.168936	0	0	0.140651
Mus_musc Mus_musc	0	0.104596	0.200082	1.370632	0.528011	1.007711
ENSMUSG Tbx1	2.239708	3.63805	1.77266	2.863882	2.51392	2.15776
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gm34653	0	0.105541	0	0	0	0
Mus_musc Mus_musc	11.31993	14.95804	18.85184	20.2261	17.22786	21.616335
Mus_musc Mus_musc	0	0	0.169288	0.205919	0	0.42478
Mus_musc Mus_musc	1.853723	1.181525	1.033484	0.543895	0.691436	0.740423
ENSMUSG Afnid	0.987705	0.779168	1.041022	2.295298	1.317097	1.633288
ENSMUSG Tha1	2.508574	2.399291	2.769121	2.601591	2.319419	2.993917
ENSMUSG Birc5	0.724734	1.254555	1.611932	3.768973	6.154414	7.152597
Mus_musc Mus_musc	0	0	0	0.334967	0.041031	0
Mus_musc Mus_musc	0.178378	0.441026	0.106976	0.190477	0.117494	0.096005
Mus_musc Mus_musc	0	0	0	0.104633	0	0
Mus_musc Mus_musc	0	0.254636	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.552559
Mus_musc Mus_musc	0	0.217089	0.02522	0	0.120618	0.096069
Mus_musc Mus_musc	0.290972	0.670128	0.417356	0.408334	0.360484	0.256011
Mus_musc Mus_musc	0	0	0	0	0.071579	0
Mus_musc Mus_musc	0.346392	0.348929	0.108838	0.088389	0.048808	0.027688
ENSMUSG Ace2	5.387073	5.41191	3.82153	2.373715	2.708366	3.160964
ENSMUSG Cltrn	0	0	0.034298	0	0.038037	0
ENSMUSG Ubxn6	16.08075	16.39911	15.1527	13.71731	15.6018	14.530187
ENSMUSG Gm10999	0	0	0	0	0	0
ENSMUSG Snapc3	8.315079	6.077427	6.549151	6.420135	6.251655	8.455864
ENSMUSG Pdk4	2.64712	5.356467	2.781628	1.803195	2.615113	1.546313
Mus_musc Mus_musc	0.131648	0.470405	0.203459	0.471172	0.39812	0.411186
Mus_musc Mus_musc	2.857764	3.242025	2.771732	2.256964	2.575407	2.86307
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.360253	0.077544	0.457627
ENSMUSG Smim17	0	0	0.15647	0.043504	0.10881	0
ENSMUSG Vmn2r-ps:	0	0	0	0	0	0
ENSMUSG Ankrd55	0.369223	0.395456	0.281212	5.692346	7.384978	8.765145
ENSMUSG Serpina6	0	0	0	0	0	0.064264
ENSMUSG Spire2	1.961502	2.070732	1.89738	1.910705	2.210341	2.998042
ENSMUSG Gm21969	0	0	0.007093	0.012141	0	0
ENSMUSG Ccnq	9.312165	9.131982	9.083906	9.303466	7.787392	7.881335
ENSMUSG Tmem67	3.698822	3.657011	3.125128	3.892436	3.551112	3.954011
ENSMUSG Amy1	0.476151	2.205466	1.423607	1.477551	0.467674	0.800171
ENSMUSG Washc1	11.58058	13.22877	15.83951	12.67051	10.94502	12.734289
ENSMUSG Kif14	0.082	0.082219	0.128379	0.323301	0.365201	0.354388
ENSMUSG Cep78	2.935076	2.820444	2.432833	3.105144	3.044595	2.905704
ENSMUSG 4930523C	19.25369	16.4366	15.79948	10.05938	10.28863	10.529602
ENSMUSG Nrnx1	0.390083	0.538258	0.422065	0.291801	0.380691	0.325171
ENSMUSG Gm9972	0	0	0	0	0	0
Mus_musc Mus_musc	0.220534	0.721997	0.222295	0	0.177113	0.194687
ENSMUSG Gal3st2b	0.069009	0.185696	0.043941	0.046543	0.015432	0.057719
ENSMUSG H2-Eb2	0.227783	0.214315	0.237409	2.934891	3.20766	2.758043
ENSMUSG Rps19bp1	10.83631	12.06763	13.50484	13.00179	12.42014	12.03062
ENSMUSG Arhgef39	0.6525	0.354009	0.822989	1.103676	0.722841	1.143642
ENSMUSG Fam181b	2.310637	2.174736	1.978484	1.163988	1.379827	1.873403
ENSMUSG Mafg	17.4587	18.13032	19.02186	14.45299	14.27526	15.914908
ENSMUSG Cep126	3.380602	4.923633	2.886225	4.580056	5.231492	4.333851

ENSMUSG Esrp1	9.250093	9.369449	6.835653	8.365676	8.416428	9.004549
ENSMUSG Rcsd1	30.85478	27.4936	32.20614	20.93762	20.33966	19.44248
ENSMUSG Scamp5	2.092745	1.857526	2.107592	4.795973	4.350757	5.114753
ENSMUSG Zfhx2	1.311071	1.513291	1.312753	1.34249	1.359369	1.210595
ENSMUSG Virma	11.59415	10.35038	10.08998	9.980937	11.06591	10.474265
ENSMUSG Hesx1	0	0	0	0	0	0
ENSMUSG Hnrnpul1	47.15153	46.08379	43.21752	43.89571	45.82519	46.290561
ENSMUSG Kcna2	1.607141	2.059524	1.689331	1.349003	1.413986	1.791459
ENSMUSG Rps12	233.6888	208.2006	223.5351	249.6897	249.0438	258.18098
ENSMUSG Flot2	39.21827	35.32969	35.08166	29.2834	31.18874	32.629402
ENSMUSG Olfr392	0	0	0	0	0	0
ENSMUSG Acvr2a	11.02846	11.25643	9.027212	6.892611	7.701487	6.913752
ENSMUSG Plpp2	10.14984	7.677169	9.445742	11.09002	9.613584	11.275617
ENSMUSG Olfr340	0	0	0	0	0	0
ENSMUSG Ribc1	0.431674	1.234372	0.715794	1.421151	1.375309	1.652302
ENSMUSG Zfhx4	0.177149	0.268433	0.140565	0.154174	0.082299	0.153334
ENSMUSG Tas2r118	0	0	0	0	0	0
ENSMUSG Tcte1	1.227187	1.16921	0.75812	2.321019	1.746569	1.898033
ENSMUSG Lrrc25	1.952366	1.642025	3.406276	5.548007	4.121336	5.521044
ENSMUSG Zdhhc8	12.4898	11.76389	12.77787	9.353174	9.276602	9.189497
ENSMUSG Sgo1	0.149057	0.137636	0.166142	0.434945	0.449029	0.542811
ENSMUSG Slc29a1	48.41917	52.86935	51.81624	34.83881	36.13308	33.904709
ENSMUSG Sult1c1	0.026344	0	0	0	0	0
ENSMUSG Hsp90ab1	390.1379	631.9929	599.9075	405.502	478.8592	501.65892
ENSMUSG Slc5a7	0	0.016801	0	0.010045	0	0
ENSMUSG Nfkbie	4.285649	3.915938	5.628884	9.982095	8.73471	9.103642
ENSMUSG Khdc1a	0	0	0.027207	0	0.028115	0
ENSMUSG Mrpl42	27.90953	34.81504	36.42132	40.00175	37.69817	38.589167
ENSMUSG Cped1	31.47982	31.60133	28.50904	20.35934	21.30298	18.841868
ENSMUSG Olfr715b	0	0	0	0	0	0
ENSMUSG Ccdc152	2.653403	1.822302	1.83986	1.264915	0.98573	1.228768
ENSMUSG Gm3138	0	0	0	0	0	0
ENSMUSG Gm2832	0	0	0	0	0	0
ENSMUSG Olfr1316	0	0	0	0	0	0
ENSMUSG Olfr663	0	0	0	0	0	0
ENSMUSG Gm45623	0.371804	0.089811	0.086961	0.172822	0.171188	0.21579
ENSMUSG Gm4869	0	0	0	0	0.015416	0
ENSMUSG Styx	3.38199	3.221374	2.57038	3.14859	2.278389	2.315308
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Akap13	36.67013	32.23206	32.38771	25.49855	29.90848	30.107557
ENSMUSG Stard13	24.20484	27.06036	24.70168	19.92755	21.48846	18.396037
ENSMUSG Tmpo	31.62813	31.40855	31.98987	26.20337	28.43624	26.962585
ENSMUSG Dusp6	73.51831	54.97549	74.92029	27.97005	32.7985	33.087198
ENSMUSG Kitl	71.18335	65.26145	61.12136	37.8794	41.90337	37.227648
ENSMUSG Psen1	26.10799	25.73035	25.32933	27.52516	28.49009	28.179488
ENSMUSG Rnf130	38.58568	34.91123	40.55179	30.80147	34.09293	33.969053
ENSMUSG Ltc4s	13.63553	11.86603	15.05217	7.083363	6.263429	7.019311
ENSMUSG Rasgef1c	0.325214	0.139647	0.066014	0.031702	0	0.065321
ENSMUSG Rufy1	13.1834	13.37215	13.55312	12.29701	13.34506	13.395576
ENSMUSG Rack1	307.6367	299.4801	304.2684	366.5304	354.7191	394.73334
ENSMUSG Fam172a	8.116536	6.982751	6.812837	6.043716	6.589832	6.121254
ENSMUSG Vmn2r73	0	0	0	0	0	0
ENSMUSG Olfr290	0	0	0	0	0	0
ENSMUSG Gm16429	0	0	0	0	0	0
ENSMUSG Gm20908	0	0	0	0	0	0
ENSMUSG Gm11361	41.2867	28.66237	43.22548	51.36331	43.75313	48.645241
ENSMUSG Gm49496	0	0	0	0	0	0
ENSMUSG Serpinb9d	0	0	0	0.052762	0	0
Mus_musc Mus_musc	0	0.280562	0.112112	0.121284	0	0
ENSMUSG Lifr	18.71039	20.97269	19.18347	13.46352	14.99764	13.820446
ENSMUSG Olfr119	0	0	0	0	0	0
ENSMUSG Dalrd3	20.568	20.00182	20.74257	22.04136	19.00019	19.199298
ENSMUSG Gabrb3	0	0.020261	0	0	0	0
ENSMUSG Cdkl1	0.473697	0.936384	0.656178	1.429889	0.886442	1.53996

ENSMUSG Pnn	19.82933	22.35407	24.04613	18.57961	18.48651	17.896164
ENSMUSG Epha4	4.998772	5.486648	4.850394	3.198588	3.716242	3.634507
ENSMUSG Ncl	30.78014	28.32768	29.12007	28.58915	28.81905	28.908022
ENSMUSG Nmur1	0.356083	0.565745	0.549726	0.803473	0.909186	0.990446
ENSMUSG Ctrc	0	0	0	0	0	0
ENSMUSG Pde6d	17.30506	17.68799	19.24687	16.62198	16.55365	19.282213
ENSMUSG Ptma	582.3923	604.4897	620.9081	571.716	561.1499	594.20329
ENSMUSG Cntn6	0.026463	0	0	0.017392	0.015079	0
ENSMUSG Wnt7a	4.827997	3.952935	5.657018	2.828311	2.263086	2.993317
ENSMUSG Nup210	8.345223	7.132028	8.868041	9.596301	9.255594	10.194695
ENSMUSG Slc6a6	47.69333	41.05161	41.63967	38.40918	37.37685	41.112611
ENSMUSG Xpc	12.88769	12.19146	12.10344	9.562468	9.349064	9.030406
ENSMUSG Tmem43	31.81284	33.03117	31.62051	23.99945	28.77268	26.942015
ENSMUSG Grip2	0.092006	0.187691	0.123091	0.085337	0.067541	0.068736
ENSMUSG Arhgdig	4.831788	4.358727	4.59372	5.695224	4.75471	5.308098
ENSMUSG Gm10696	0	0	0	0	0	0
ENSMUSG Nme3	10.6666	10.96037	13.63207	10.57432	7.44297	7.953516
ENSMUSG Wdr90	2.226057	2.012538	2.055947	2.428995	2.588454	2.65926
ENSMUSG Eme2	4.392845	4.092317	3.33432	4.158273	3.898086	3.474329
ENSMUSG Gemin4	3.730741	3.767401	3.354624	3.587216	3.572469	3.734662
ENSMUSG Slc25a1	25.59897	24.79405	21.77576	24.91659	25.43206	30.420746
ENSMUSG Fsd2	0.9428	1.922283	0.804513	1.54798	1.408908	1.300905
ENSMUSG Dgki	0	0	0	0.070084	0.094971	0.032942
ENSMUSG Herc1	10.06997	10.13259	8.627311	9.347283	9.43216	10.35099
ENSMUSG Vmn1r209	0	0	0	0	0	0
ENSMUSG Lpar1	5.027996	4.937681	6.385425	5.135384	5.893995	4.379858
ENSMUSG Vmn1r208	0	0	0	0	0	0
ENSMUSG Olfr455	0.073716	0.150596	0.250955	0.012877	0.215766	0.040708
ENSMUSG Nutf2-ps1	3.007052	3.807488	3.298263	3.041053	2.36974	8.422151
ENSMUSG Ess2	7.275684	6.419166	6.448315	6.355358	6.478228	6.411092
ENSMUSG Rho	0.029663	0.093157	0.052863	0.008624	0.046542	0.023915
ENSMUSG Klrb1c	0.788372	0.490873	2.315983	0.471368	0.29214	0.704242
ENSMUSG Necap1	13.84902	13.07142	13.45578	11.89238	14.67846	13.06094
ENSMUSG Efcab12	0.581483	0.981606	0.653381	1.244573	1.057873	1.084887
ENSMUSG Mbd4	1.836848	2.064885	2.079006	2.688981	2.785902	3.098983
ENSMUSG Ift122	4.743197	5.3059	4.00419	4.100791	4.387697	4.77347
ENSMUSG Zfp820	1.80701	2.007704	1.767733	2.006147	1.279986	1.301896
ENSMUSG Psmb3	71.11332	69.82072	78.69844	70.21541	66.54059	68.485306
ENSMUSG Pianp	15.23689	12.29832	13.82809	16.19614	14.90339	16.324773
ENSMUSG 2310022A	5.66149	6.253946	5.111422	6.156867	6.32727	6.982828
ENSMUSG Vgll2	0	0	0	0	0	0
ENSMUSG Gpr3	0.113793	0	0.014089	0	0.088636	0.065833
ENSMUSG Olfr273	0	0	0	0	0	0
ENSMUSG Olfr669	0	0	0	0	0	0
ENSMUSG Lin54	4.862902	5.013191	4.52702	4.339269	4.469221	4.189917
ENSMUSG Gnptab	12.52736	13.56374	12.88739	17.51689	18.46437	19.310417
ENSMUSG Slc4a10	0.127012	0.035748	0.098336	0.023712	0.032285	0.06125
ENSMUSG Zfp866	8.652571	9.929167	9.666462	9.230132	8.370265	9.060863
ENSMUSG Tuba1c	43.43435	37.76174	47.14241	51.5851	56.45917	62.335777
ENSMUSG 11-Mar	0	0	0	0	0	0
ENSMUSG Hic1	6.247193	5.258296	7.01643	5.515471	4.566639	6.098634
ENSMUSG Ank	6.24925	8.067101	6.591996	6.375418	6.711771	6.008801
ENSMUSG Dnah5	2.562408	3.070993	1.326797	4.417158	4.375343	4.177154
ENSMUSG Trio	7.371468	7.406697	6.854178	6.551234	6.551187	7.380552
ENSMUSG Sdc2	20.63915	20.492	21.52085	13.97167	11.84046	10.801268
ENSMUSG Commd6	14.57979	17.50282	16.70399	16.62342	17.77104	18.604419
ENSMUSG Gm10842	0	0	0	0	0	0
ENSMUSG Gm10840	0.006694	0	0	0	0	0
ENSMUSG Adam21	0	0.012727	0.031338	0.089549	0	0.032902
ENSMUSG Rdh13	5.147119	5.007546	5.048171	4.92478	5.600212	6.01344
ENSMUSG Adam26a	0	0	0	0	0	0
ENSMUSG Zfp518b	1.351648	1.446692	1.375659	1.233128	1.584396	1.438124
ENSMUSG Lyrn4	2.485529	2.444144	2.535177	1.666846	1.9269	2.088818
ENSMUSG Prr12	10.17998	10.50442	9.780191	7.860729	7.902618	7.943068

ENSMUSG Tpr	25.05017	25.17493	23.53762	22.89401	23.63342	24.381159
ENSMUSG Pdc	0	0	0	0	0	0
ENSMUSG Prrt3	0.134804	0.108194	0.095554	0.079496	0.122858	0.06799
ENSMUSG 9030612E(C	0	0	0.050163	0.026304	0.041074	0
ENSMUSG Hdgf	53.52229	57.33205	57.13043	41.8927	45.98917	47.967985
ENSMUSG Rrnad1	6.156678	6.351889	7.9137	5.340136	4.865664	4.892519
ENSMUSG Nes	30.13314	25.53015	31.34285	15.56459	13.72932	15.528946
ENSMUSG Bcan	2.368921	2.141563	2.08723	1.553735	1.44694	1.832011
ENSMUSG Wdr60	4.064835	4.222397	3.279327	3.485321	3.186388	3.318041
ENSMUSG Fzd5	7.064053	6.707892	6.903941	5.604841	4.865173	5.191749
ENSMUSG Spata21	0	0	0	0.011505	0.006652	0
ENSMUSG Wdr11	12.2787	11.91508	11.82657	11.70398	12.02607	11.587646
ENSMUSG Cebpa	33.36562	37.5233	30.50044	41.11387	43.35024	47.028374
ENSMUSG Cog7	15.40669	13.72685	13.68346	12.22878	12.98001	13.900508
ENSMUSG Rubcnl	1.168079	0.678821	1.239594	2.806839	1.798718	2.135789
ENSMUSG Atcay	0.030198	0.040312	0.05892	0.14891	0.129475	0.229846
ENSMUSG AW146154	1.824919	1.788585	1.730843	1.815146	1.487564	1.707347
ENSMUSG Zfp788	4.729206	4.943531	4.935898	3.84307	4.077875	4.106207
ENSMUSG Fam110a	17.28101	15.9095	14.7518	10.78377	12.39343	12.708226
ENSMUSG ldnk	12.43608	14.87351	19.1335	19.22772	14.64783	19.466867
ENSMUSG Olfr225	0	0	0	0	0	0
ENSMUSG Cep68	7.768084	7.207207	6.391706	6.563428	6.471188	6.15239
ENSMUSG Gpr22	0	0.030277	0	0.033498	0	0.012046
ENSMUSG Zrsr1	15.97605	17.70833	15.61697	11.35188	11.56894	10.984808
ENSMUSG Sdcbp2	1.43799	1.836821	1.380712	2.992792	2.124947	2.414959
ENSMUSG Gm16381	0.055076	0.023008	0	0	0	0
ENSMUSG Olfr1163	0	0	0	0	0	0
ENSMUSG Rragb	1.198426	1.661664	2.058055	1.244323	1.631996	1.470985
ENSMUSG Pcca	9.331637	11.48787	9.254233	11.2743	8.351785	10.239669
ENSMUSG Pnpla3	0.110556	0.955472	0.128278	0.656353	0.263758	0.608109
ENSMUSG Slc39a11	5.176548	5.983505	4.943201	12.26276	9.688232	12.530603
Mus_musc Mus_musc	0.035573	0	0.089414	0.073682	0.363293	0.130499
Mus_musc Mus_musc	0.170583	0.274035	0.182798	0.370719	0.250636	0.223294
Mus_musc Mus_musc	0	0.196415	0.112354	0.222349	0	0
ENSMUSG Ccdc154	1.167482	0.918149	1.004144	0.887397	0.64342	0.970792
Mus_musc Mus_musc	0	0.132943	0.339632	0.202133	0.25295	0.193396
ENSMUSG Aar2	11.25522	9.946997	8.509739	8.527692	8.660521	9.493597
ENSMUSG Epb41l1	10.25205	11.05966	7.885174	8.610354	8.806596	9.555974
ENSMUSG Rbm39	127.5799	129.7344	118.3079	107.775	93.56541	100.84643
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Zmym1	2.87417	3.859639	3.570232	3.089717	2.994637	2.658635
ENSMUSG Chil5	0	0.05358	0.141476	0.064853	0.017863	0.278665
Mus_musc Mus_musc	0	0.426092	0	0.419332	0.512958	0.302382
ENSMUSG Olfr676	0	0	0	0	0	0
ENSMUSG Cyp2a22	0	0.013833	0.023233	0	0	0
Mus_musc Mus_musc	2.302888	2.015408	1.813783	0.987228	1.372943	0.944302
ENSMUSG Ddi2	20.00163	22.57959	18.78215	17.99304	19.18288	18.986455
ENSMUSG Milr1	1.864365	1.338907	2.82378	2.495598	2.075758	2.928357
ENSMUSG 1700020N	0	0	0	0	0	0
ENSMUSG Tsfm	9.922763	8.616193	8.236346	7.279574	7.420967	7.791381
ENSMUSG Manea	7.732495	7.232925	6.944669	8.641938	9.345003	8.335908
ENSMUSG Tlr8	4.629752	4.043788	4.119311	8.332252	10.5721	8.838504
ENSMUSG Cblc	4.297247	3.721249	3.700433	3.908767	4.100154	4.587202
ENSMUSG Zfp609	11.57376	12.30581	10.52983	9.680865	11.03805	10.298467
ENSMUSG Pramef25	0	0	0	0	0	0
ENSMUSG Gm13101	0	0	0	0	0	0
ENSMUSG Zbtb21	5.842871	5.729522	5.174199	4.752479	4.786373	5.169229
ENSMUSG Gpr156	0.055622	0.013701	0.049789	0	0	0
Mus_musc Mus_musc	1.14659	0.680134	6.573688	4.746732	4.290433	4.906566
Mus_musc Mus_musc	1.135078	1.939668	1.096682	1.699543	1.331027	1.625224
Mus_musc Mus_musc	0.285869	0	0	0.461214	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.153599	0	0.317159	0	0	0.286544
ENSMUSG Tbx19	0	0	0	0	0.041129	0

ENSMUSG Xcl1	0.220029	0	0.525866	1.172197	0.595416	1.146322
ENSMUSG Dcaf6	14.77315	16.06026	14.38528	10.49417	12.54101	12.633506
ENSMUSG Atp1b1	170.5217	184.6272	145.0179	143.0313	161.4305	152.87277
ENSMUSG Blzf1	9.794623	9.410832	8.520254	7.676307	7.531401	7.917363
ENSMUSG Dpt	42.86446	53.27617	41.84722	58.00946	54.40793	54.325645
ENSMUSG Nme7	6.466263	5.261768	6.215169	7.076851	8.613227	6.879716
ENSMUSG Ccdc181	8.39946	10.88511	6.539927	12.43764	12.92881	10.632197
ENSMUSG F5	0.811496	0.729054	0.612877	2.81693	3.061679	4.00677
ENSMUSG Gm28036	7.191519	1.242525	8.09855	0.336898	5.773502	7.15213
ENSMUSG Lrrc10b	6.232287	5.391852	3.763039	6.956709	7.244541	6.626909
ENSMUSG Tubb2b	6.819273	6.975777	9.889911	7.678483	7.219077	8.163552
ENSMUSG Gm10256	0	0	0	0	0	0
ENSMUSG Gm17361	0	0	0	0	0	0
ENSMUSG Rps6ka1	24.69651	24.15047	26.16802	28.70681	28.94883	29.440018
ENSMUSG Sphk2	14.15937	12.23251	12.50257	12.53579	11.99773	13.210043
ENSMUSG Olfr104-ps	0	0	0	0	0	0
ENSMUSG Olfr948	0	0	0	0	0	0
ENSMUSG Sik2	7.909027	8.041246	5.846581	7.497348	7.701041	7.760476
ENSMUSG Gm1553	0	0	0	0	0	0
ENSMUSG Vmn1r170	0	0	0	0	0	0
ENSMUSG Olfr937	0	0	0	0	0	0
ENSMUSG Nfatc2ip	4.482924	3.857553	4.098073	3.412224	3.323846	3.18632
ENSMUSG Gm21739	0	0	0	0	0	0
ENSMUSG Sox21	0.118442	0.271006	0.026681	0.425765	0.455109	0.221809
ENSMUSG Setd7	16.0712	17.42838	15.26613	14.54052	15.48806	14.569092
ENSMUSG Gm28043	0.79037	0.671261	2.066666	0.9046	0.774721	0.677894
ENSMUSG Cd19	3.178891	1.985106	2.320043	7.300034	6.174779	7.566746
ENSMUSG Cox5b	49.81359	56.53308	48.93466	61.16615	59.11542	61.777909
Mus_musc Mus_musc	4.605845	1.407623	12.2741	12.46501	2.312053	3.366715
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG S100a6	156.2183	140.3374	166.7353	113.4233	105.8367	127.27541
Mus_musc Mus_musc	0.142024	0.042476	0.259694	0	0	0.06711
Mus_musc Mus_musc	0.15121	0.463377	0.096899	0.40913	0	0.122293
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0.706903	0.074442	0.21717	0.10671	0.087963	0.258793
Mus_musc Mus_musc	0.094016	0.121702	0.082505	0.131161	0.137428	0.121348
Mus_musc Mus_musc	0.323435	0.356843	0.200061	1.060386	0.892185	0.893712
Mus_musc Mus_musc	0	0	0.403729	0.346558	0.079423	0
Mus_musc Mus_musc	0	0.120599	0.120333	0.118657	0.357563	0.5203
Mus_musc Mus_musc	0	0.312154	0	0.55119	0.695013	0.637568
ENSMUSG Olfr1287	0	0	0	0	0	0
ENSMUSG Sdf2	27.18095	31.29156	36.45347	36.62224	31.53366	37.992809
ENSMUSG Ccne1	0.528201	0.380527	0.191658	1.316258	2.009823	2.18769
ENSMUSG Calhm6	0.665844	0.590579	2.76243	2.486172	1.474426	1.693874
ENSMUSG Snx12	15.98384	16.07651	16.8501	17.08579	16.02009	16.849117
ENSMUSG Otulin	11.04196	11.06595	12.07887	10.51899	10.69443	9.990591
ENSMUSG Olfr465-ps	0	0	0	0	0	0
ENSMUSG Gm7954	0	0	0	0	0	0
ENSMUSG Lrit3	0	0	0	0.042512	0.066893	0
ENSMUSG Olfr802	0	0	0	0	0	0
ENSMUSG Hsd3b4	0	0.019137	0.084347	0.01297	0	0
ENSMUSG Olfr926	0	0	0	0	0	0
ENSMUSG Pde6h	0.0088	0	0	0	0	0
ENSMUSG Olfr764-ps	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.146526	0	0	0
Mus_musc Mus_musc	0.115656	0.147743	0.119976	0.328751	0.222273	0.336352
Mus_musc Mus_musc	0.036197	0	0.087292	0.219151	0.115761	0.12503
ENSMUSG Pex26	4.547808	4.494443	4.759313	3.340345	3.540623	3.65703
ENSMUSG Gm7145	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.209154	0.050379	0.417328	0.153021	0.201947
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Zfp870	2.066007	2.08256	2.01127	1.80111	1.846435	1.657764
ENSMUSG Gm20825	0	0	0	0	0	0
Mus_musc Mus_musc	0.149035	0	0	0	0	0.434559

Mus_musc Mus_musc	0.23577	0	0	0	0.131555	0
ENSMUSG Olfr763	0	0	0	0	0	0
ENSMUSG Gm35315	0.098152	0.123435	0.127026	0.278534	0.311437	0.26977
ENSMUSG Prkd1	7.536442	7.201502	6.32114	3.818772	4.06673	4.176813
ENSMUSG Gm48551	1.301652	1.017137	0.671298	0.662073	0.586176	0.751919
ENSMUSG Gm47969	0.055576	0.060203	0.155787	0.07715	0.078907	0
ENSMUSG Pkp3	6.83348	5.761914	6.406658	6.540942	5.461969	5.606505
ENSMUSG Zfp988	0	0	0	0	0	0
ENSMUSG Cfap74	0.900537	1.001065	0.75534	1.610035	1.226779	1.070395
ENSMUSG Gm13090	0	0	0	0	0	0
ENSMUSG 6030452D	0	0	0	0	0	0
ENSMUSG Zfp978	0	0.22423	0.206923	0	0.281756	0.267522
ENSMUSG Zfp984	8.545074	7.894001	7.431065	7.712222	8.064076	6.462023
ENSMUSG Olfr1298	0	0	0	0	0	0
ENSMUSG Gm4307	0	0	0	0	0	0
ENSMUSG Gm4756	0	0.046604	0.037154	0	0	0.045889
ENSMUSG Tm9sf2	69.03246	65.32017	64.83922	59.14837	60.25216	58.279041
ENSMUSG Lbhd1	2.123808	1.963844	2.049601	1.882377	2.135692	2.322446
ENSMUSG Grk1	0.007591	0	0	0	0	0.006965
ENSMUSG Tal1	7.651805	5.79601	6.570158	3.952289	4.267475	3.454809
ENSMUSG Ddx17	112.0619	113.9547	111.2482	103.1332	93.56803	103.24068
ENSMUSG Luzp1	21.27259	22.9957	18.86792	15.21899	16.36233	14.555474
ENSMUSG Nodal	0.087329	0	0.016531	0.022686	0	0.066817
ENSMUSG E330009J0	7.006199	6.988649	5.983096	7.092216	7.613753	7.464474
ENSMUSG Mfsd10	15.6541	12.92288	16.25716	12.54602	14.07553	12.60711
ENSMUSG Elf2	29.09705	21.72649	23.6684	20.27872	25.85079	21.214556
ENSMUSG Hoxd4	0.024932	0.047197	0.096214	0.132212	0.193525	0.094971
ENSMUSG Gm28040	0	0	0.149009	0.041227	0	0
ENSMUSG Abhd15	2.014964	1.677465	1.853673	1.458994	1.418969	1.651088
ENSMUSG Zfp617	7.827205	6.966154	7.652055	7.19375	6.939617	5.895537
ENSMUSG Ttll2	0	0	0	0	0	0
ENSMUSG Gata3	4.655284	2.877376	4.45797	3.179624	2.758285	2.77007
ENSMUSG Wfdc1	20.9285	30.21256	20.54681	20.44063	19.70766	20.66514
ENSMUSG Gcm1	0	0	0	0	0	0
ENSMUSG Mrgpra4	0	0	0	0	0	0
ENSMUSG Dtwd1	3.722857	3.836592	3.599695	3.128123	3.50048	3.131733
ENSMUSG Rft1	5.738819	6.09377	5.520751	6.061601	5.542321	5.85023
ENSMUSG Zfp174	0.705062	0.593791	0.581551	0.627337	0.585214	0.676588
ENSMUSG Olfr1346	0	0	0	0	0	0
ENSMUSG Afp	0.237523	0.547749	0.281369	0.458701	0.480803	0.577602
ENSMUSG Zkscan4	1.755195	2.212666	1.718855	1.838263	1.719331	1.348243
ENSMUSG Ezr	93.14659	101.2228	88.4193	85.75232	81.81715	97.448723
ENSMUSG Kcnmb4	2.653348	2.034693	2.024639	1.880953	2.187318	2.953448
ENSMUSG Gm9639	0	0	0	0	0	0
ENSMUSG Rap1gap	13.10936	12.71006	11.50212	8.983922	9.13678	8.589591
ENSMUSG Tmem29	4.228274	4.195665	4.30352	5.439503	5.275047	5.029234
ENSMUSG Ssr2	75.10164	77.92085	82.71174	85.51825	88.64978	90.187005
ENSMUSG Rgl2	24.84579	23.0687	27.81462	23.87046	21.389	21.743655
ENSMUSG Rnf128	1.884376	2.734455	1.475361	10.11749	11.41613	12.209333
ENSMUSG Tcl1	0	0	0	0	0	0
ENSMUSG Nutm1	0	0	0	0	0	0
ENSMUSG Mcts1	12.43577	13.74634	13.40896	12.78252	14.35576	11.601028
ENSMUSG Gm6871	0	0	0	0	0	0
ENSMUSG Prps1	15.55365	14.30675	14.85955	14.44715	16.0972	14.729277
ENSMUSG Tsc22d3	177.5383	233.2531	226.8679	75.82335	137.477	95.344423
ENSMUSG Esp8	0	0	0	0	0	0
Mus_musc Mus_musc	3.833073	3.235376	2.364489	1.401316	1.605136	1.851467
Mus_musc Mus_musc	1.818112	2.279219	1.747951	1.02259	0.849502	0.586084
Mus_musc Mus_musc	0.024899	0.092961	0.015665	0.053776	0.034836	0
Mus_musc Mus_musc	0.046198	1.70E-05	3.10E-05	0.023178	0.001512	0
ENSMUSG Olfr1386	0	0	0	0	0	0
ENSMUSG Gm4707	0	0	0.017138	0	0	0.312316
ENSMUSG Gm39653	0	0	0	0	0	0
ENSMUSG Muc3a	0	0	0	0.132848	0	0.029082

ENSMUSG Olfr1487	0	0	0	0	0	0
ENSMUSG Tmem95	0.222026	0.091249	0	0.429633	0.179309	0.393347
ENSMUSG Pibf1	3.733985	3.741462	3.2238	3.308142	4.124019	3.606349
ENSMUSG Entpd4b	6.808155	7.881218	6.414516	7.103485	6.659689	6.933289
ENSMUSG Nkx3-1	0	0	0	0	0	0
ENSMUSG Cln6	10.53243	9.78999	8.630243	11.4828	10.60501	11.024621
ENSMUSG Arid3c	0	0	0.014472	0	0	0.051963
ENSMUSG Fem1b	13.80353	15.62433	13.70773	12.9109	13.81171	13.687793
ENSMUSG Gdf5	0.407104	0.449761	0.425544	0.545686	0.494171	1.122345
ENSMUSG Olfr920	0.22675	0.228884	0.33666	0.31936	0.171491	0.204117
ENSMUSG Usp38	8.365701	8.427328	8.240725	8.359836	8.266104	8.488669
ENSMUSG Ncapd2	1.845422	1.913202	1.922475	3.364569	4.289871	4.503136
ENSMUSG Hoxa5	21.49238	12.76032	15.56931	9.5606	13.40356	10.844713
ENSMUSG Neurod2	0	0	0	0	0	0
ENSMUSG Bcl9	5.401266	5.310473	4.994059	5.666351	5.179521	5.415915
ENSMUSG Glra3	0	0	0	0.007193	0.016122	0.007924
ENSMUSG Rps6kb1	7.851855	8.485687	7.748672	8.044104	7.773982	6.782778
ENSMUSG Mrpl22	11.86369	14.08628	12.22646	11.80635	12.15776	11.920193
ENSMUSG Cnot8	28.2828	29.30554	29.47697	29.1034	27.303	30.156182
ENSMUSG Tubd1	4.277564	3.584155	3.114188	3.390353	3.130228	3.008069
ENSMUSG Klfh4	0.798316	1.136843	0.567968	0.856108	0.646373	0.705037
ENSMUSG Tma16	1.709963	1.378864	1.516217	1.558336	1.555701	1.650952
ENSMUSG Dach2	0	0.068218	0.031723	0.02183	0.021729	0
ENSMUSG Vps72	20.01883	21.17593	22.21992	18.71785	18.98896	19.993063
ENSMUSG Snx31	0.161528	0.220602	0.125045	0	0	0
ENSMUSG Trpc5os	0	0	0.042411	0	0	0
ENSMUSG Gm15080	0	0	0	0	0	0
ENSMUSG Gm15107	0	0	0	0	0	0
ENSMUSG Akr7a5	11.9589	12.96841	12.12814	12.32509	13.62166	14.616708
ENSMUSG Mrto4	10.81098	7.698603	10.17002	8.107102	8.394951	9.630439
ENSMUSG Htr6	0.072289	0	0	0	0	0
ENSMUSG Capzb	115.9575	113.278	129.3894	112.5409	113.9038	122.10279
ENSMUSG Pqlc2	4.097683	3.560608	3.620701	3.722355	4.061534	4.786317
ENSMUSG Pla2g2f	0.037225	0.037372	0	0.063535	0.044079	0.030636
ENSMUSG Slc18a2	0.463379	0.728171	0.938278	0.662936	0.583444	0.699113
ENSMUSG Olfr901	0	0	0	0	0	0
Mus_musc Mus_musc	0.260905	0	0.204502	0	0.13399	0
Mus_musc Mus_musc	0.660278	2.529695	0.950103	1.432812	0.999064	1.089888
ENSMUSG Zfp217	9.031645	9.788811	9.412534	10.09466	9.65004	9.339642
Mus_musc Mus_musc	0.330296	0.098451	0.04045	0.06135	0.241007	0
ENSMUSG Fam213b	7.782968	7.438737	5.858827	6.992277	5.826218	6.060937
ENSMUSG Arap2	16.12208	17.78563	17.87071	11.84473	10.90258	10.346472
ENSMUSG Rara	20.60964	18.39945	20.56764	13.98032	12.77703	12.684107
ENSMUSG Dhx38	15.26908	15.01246	16.08037	14.65001	13.77376	14.154198
ENSMUSG Sh3rf3	2.805388	3.235416	2.710358	2.436397	2.194365	2.70915
ENSMUSG Rmi2	0.110714	0.099629	0.129885	0.259443	0.459297	0.222185
ENSMUSG Slc24a2	0.113612	0.089793	0.046248	0.039063	0.026379	0.089198
ENSMUSG Parp11	4.752029	4.720526	8.410521	7.028693	5.118843	5.492288
ENSMUSG Slc9b2	0.014089	0.124179	0.041058	0.042403	0.118633	0.033488
ENSMUSG Igsf9	0.383142	0.450561	0.349737	0.599394	0.591355	0.552423
ENSMUSG Krt222	0.079387	0.25735	0.084417	0.657083	0.420568	0.625872
ENSMUSG Ddx11	1.028029	0.896303	1.248096	1.28328	1.436701	1.464256
ENSMUSG Gm13889	18.52046	12.61193	14.84063	17.21365	15.20349	12.861138
ENSMUSG Lysmd3	9.337644	10.11875	10.62525	9.143617	8.665359	8.543194
ENSMUSG Ids	39.84398	41.25089	38.35212	30.81925	30.72255	30.550945
ENSMUSG Alg12	4.826362	6.020577	6.749278	6.907155	6.213162	7.134277
ENSMUSG Pdccd11	7.702616	6.582682	7.500109	6.282597	5.934946	5.949268
ENSMUSG Msr1	1.161308	1.246316	1.818748	6.458625	7.873482	8.861408
ENSMUSG Dusp21	0	0	0	0	0	0
ENSMUSG Nt5c2	9.787772	9.031063	9.042373	7.910148	7.0787	8.174514
ENSMUSG Fundc1	17.73012	18.3924	17.04074	18.05925	16.99446	16.489845
ENSMUSG Taf5	2.216511	2.136828	2.248016	1.687868	1.625659	1.550057
ENSMUSG Cdc123	19.62296	20.99856	21.6527	20.44444	19.40209	21.697073
ENSMUSG Isl2	0	0	0	0.075933	0	0

ENSMUSG Clk3	24.16766	22.67096	25.86754	21.179	19.71465	21.455079
ENSMUSG Cyp1a1	17.18741	16.24124	27.30404	20.22398	21.82221	52.862152
ENSMUSG Etfa	37.64127	44.32348	40.66185	47.35643	43.80104	44.313911
ENSMUSG Tmem266	0	0.032525	0.011092	0.010125	0	0.031347
ENSMUSG Csk	30.92009	28.48718	33.91026	36.59013	35.22488	38.318524
ENSMUSG Nrg4	1.363476	1.485793	0.881601	0.946849	1.671527	1.562968
ENSMUSG Cyp1a2	0	0	0	0.040365	0	0
ENSMUSG Mucl1	0.058543	0.238589	0	2.592565	2.842009	3.604715
ENSMUSG Zfp941	0.042141	0.042033	0.151169	0.076638	0.081853	0.27352
ENSMUSG Acnat2	0	0	0	0	0	0
ENSMUSG Pdhub	37.77607	43.28854	42.10912	40.7896	40.8175	41.64352
ENSMUSG Oit1	0	0.502275	0.028044	2.844532	2.238222	1.829735
ENSMUSG Ptprg	26.61738	26.02331	21.89853	18.81754	22.44518	19.826241
ENSMUSG 4930452B(	0.650781	0.697989	0.568182	0.702783	0.718846	0.708234
Mus_musc Mus_musc	0.168158	0.489719	0.468056	0.343495	0.530732	0.526353
ENSMUSG Fezf2	0	0	0	0	0	0
ENSMUSG Olfr873	0	0	0	0	0	0
Mus_musc Mus_musc	0.188043	0	0.129148	0	0	0
ENSMUSG Gm37419	0.091641	0.077752	0	0.101344	0.130718	0
ENSMUSG Prss32	0	0	0	0.319699	0.429426	0.426605
ENSMUSG H2a3	0	0	0	0	0	0
ENSMUSG Olfr1366	0	0.008677	0.048084	0.041603	0	0
ENSMUSG Krcc1	37.88555	37.25508	41.10792	37.06864	35.47329	32.989469
ENSMUSG Psmf1	7.876464	7.231424	7.562254	7.6216	6.797753	7.069879
ENSMUSG Rag2	0	0	0	0	0	0
ENSMUSG Fbxw8	27.69833	26.92926	24.65888	18.35319	19.29105	18.190474
ENSMUSG P2ry2	4.907938	4.360916	4.375344	8.652231	7.871829	10.420341
ENSMUSG Tmem256	21.55191	29.46397	27.06484	28.20514	27.94387	33.081923
ENSMUSG Nlrp1b	0.794774	0.607734	0.992737	1.033907	1.136734	1.056047
ENSMUSG Krt73	0	0	0	0	0	0
ENSMUSG Olfr98	0.03188	0.119002	0.022675	0.1124	0	0.077679
ENSMUSG Brwd3	2.662452	3.090289	2.117263	2.674298	2.809905	2.556787
ENSMUSG Lpcat2	2.732409	2.633935	3.411631	5.596251	5.367156	5.225333
ENSMUSG Snx4	31.72818	27.97787	30.24892	26.58225	24.93749	28.098892
ENSMUSG Tie1	81.95954	74.63112	74.39976	51.49018	56.25441	48.346608
ENSMUSG Osbp11	10.36491	10.20589	9.894152	9.705509	10.5686	10.473399
ENSMUSG Maats1	1.694735	2.35158	1.256645	2.793283	2.755137	2.872754
ENSMUSG Lmln	1.022381	1.479858	1.010127	1.033608	1.276733	1.368663
ENSMUSG Popdc2	4.07714	5.399132	3.874969	2.608073	2.671751	1.938074
ENSMUSG Fytd1	12.38035	13.49499	10.54665	11.48254	10.48146	10.250897
ENSMUSG Lrch3	14.30657	12.83867	12.29849	9.986523	9.10682	10.303937
ENSMUSG Fmod	5.749362	4.880278	5.060723	4.898833	4.220564	4.427377
ENSMUSG Zfp523	11.48644	13.26973	10.95525	10.60303	9.693945	9.809182
ENSMUSG Ugt1a6a	15.74021	15.07897	12.01203	11.46232	11.59059	11.990922
Mus_musc Mus_musc	0.796439	0.571713	0.588165	0.416439	0.412618	0.470833
ENSMUSG Tmco5	0	0	0	0	0	0
ENSMUSG F2r	122.9233	107.3472	118.3587	64.22599	76.62996	68.265633
ENSMUSG Fermt1	0.372199	0.705678	0.17777	0.779072	0.879087	0.901332
ENSMUSG Sox13	41.42033	34.598	39.35945	20.62513	21.60294	20.481767
ENSMUSG Pdp2	2.225953	2.475428	2.437198	2.972246	2.458881	2.382351
ENSMUSG Mcm8	0.882547	1.015809	0.612376	0.981669	0.951949	1.392956
ENSMUSG Fgfbp1	28.80339	32.67965	26.32498	14.4242	12.05734	14.203286
ENSMUSG Slc27a2	0.384053	0.561843	0.314483	0.472998	0.430071	0.740406
ENSMUSG Socs4	10.37156	10.43983	9.336591	9.403908	8.635139	8.25501
ENSMUSG Sf3b3	18.77887	19.87245	19.26426	17.63297	16.89281	18.561863
ENSMUSG Egr3	1.259896	0.359749	0.893468	0.950802	0.488071	0.665585
ENSMUSG Fndc3c1	0.023218	0.036299	0	0.024496	0.086449	0
ENSMUSG Spr	30.82228	30.04126	29.57831	20.85762	25.62641	23.15639
ENSMUSG Fkbp1	3.670237	2.685821	2.966446	2.325991	2.446706	2.442889
ENSMUSG Lira6	4.831732	3.212126	6.259322	6.157645	7.296146	7.785443
ENSMUSG Fer115	0.508271	0.58256	0.532293	0.560274	0.555807	0.347848
ENSMUSG Pop4	4.288688	3.395907	4.134184	3.793335	3.173569	2.826034
ENSMUSG Slc30a1	20.71197	17.63133	17.57741	11.59942	12.15291	11.43904
ENSMUSG Uri1	14.01356	13.02121	11.83407	13.15246	11.50289	11.533977

ENSMUSG Ttyh1	0.118691	0.245321	0.12165	0.122551	0.268314	0.298082
ENSMUSG Ndst4	0.433256	0.309388	0.348236	0.242712	0.241187	0.195287
ENSMUSG 1700006A	0	0	0	0	0	0
ENSMUSG Ndst3	0.026703	0.05646	0.113281	0.082603	0.016323	0.022916
ENSMUSG Prss12	6.091258	5.208204	4.234668	3.418194	4.043805	4.145217
ENSMUSG Fam192a	12.1186	12.55666	14.13413	11.62523	12.54484	15.338894
ENSMUSG Pllp	28.4118	33.86827	35.40924	24.84684	22.2396	20.507801
ENSMUSG Arl2bp	54.97742	51.1511	53.99268	38.06487	40.75785	37.409841
ENSMUSG Herpod1	93.08514	101.4896	83.76627	73.86605	91.02351	82.352263
ENSMUSG Cntnap4	0	0	0	0	0	0
ENSMUSG Cx3cl1	22.5044	16.48982	17.03377	12.46084	13.01522	10.018563
ENSMUSG Ccl22	1.641287	0.796197	0.676736	5.418806	5.301608	6.269397
ENSMUSG Rpl35a	15.71359	14.76708	21.33238	22.01328	14.39702	18.37339
ENSMUSG Mospd1	9.099576	8.192938	7.78899	8.689572	9.291473	9.84532
ENSMUSG Akirin1	19.86656	16.44526	18.85862	18.18851	23.07761	21.590855
ENSMUSG Hist1h2ai	0	0.076566	0	0.055349	0.182417	0.236208
ENSMUSG Cyp4f18	4.966257	3.24048	4.890067	17.32015	19.67098	23.191648
ENSMUSG Olfr172	0	0	0	0	0	0.011913
ENSMUSG Cep89	3.975892	3.772685	3.629572	4.004032	3.589409	3.634195
ENSMUSG Slc10a2	0	0.022373	0	0.03596	0	0
ENSMUSG Acadl	59.92253	58.76408	48.46234	45.20646	51.41884	48.032955
ENSMUSG Lancl1	8.398823	8.172902	8.005234	7.159961	7.291802	7.566145
ENSMUSG Cxcl13	6.210269	14.56438	4.761796	9.191835	15.04797	13.25292
ENSMUSG Gtf2ird1	7.47229	6.561724	6.702331	5.749535	5.766026	5.263659
ENSMUSG Kansl1l	7.873196	7.936616	6.335877	5.170738	5.748463	5.54216
ENSMUSG Rpe	13.35179	14.66273	13.84203	13.90474	14.62999	13.59126
ENSMUSG Gal3st2c	0.026103	0.006497	0	0.007327	0	0.014633
ENSMUSG D2hgdh	2.721972	2.675125	2.291813	2.992304	2.465809	3.599762
ENSMUSG Serpinb3b	0	0	0	0	0	0
ENSMUSG Prob1	6.942663	6.544492	4.636839	4.78613	5.840599	5.323929
ENSMUSG Serpinb3c	0	0	0	0	0	0
ENSMUSG Vav2	11.92712	11.64225	12.03597	13.41739	13.54955	15.394938
ENSMUSG Tex15	1.142689	1.254607	1.047089	1.131266	1.030277	1.195348
ENSMUSG Ap5b1	4.21552	2.762396	3.073305	4.157309	4.091714	3.724179
ENSMUSG Defb20	0	0	0	0	0	0
ENSMUSG Olfr95	0	0	0	0	0	0
ENSMUSG Aknad1	0	0.021993	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.229311	0.214609	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0.417893	0.56661	0	0	0.40978	0.603007
Mus_musc Mus_musc	0.09082	0.331537	0.056493	0.146525	0.022756	0.140466
ENSMUSG Fam25c	0.069129	0.063917	0	0	0.116683	0.284405
ENSMUSG Fem1a	10.28431	9.019116	8.815556	8.758608	9.60229	9.663589
ENSMUSG 1190005I0	0.287373	0.43009	0.520621	0.233359	0.368297	0.384828
ENSMUSG Npas4	0.121421	0.149601	0.24776	0.081301	0.129209	0.092743
ENSMUSG Irak4	7.090109	5.791809	7.356119	8.861927	7.932239	7.830129
ENSMUSG Ppp2r1a	72.44637	68.13718	71.33129	59.9343	61.43487	62.33604
ENSMUSG Nfib	21.86333	21.52432	19.07282	14.80364	15.39125	13.535172
ENSMUSG Acot11	2.521011	2.168102	2.00494	1.988814	2.057444	2.38268
ENSMUSG Tmem127	22.48492	22.25822	20.50034	20.27969	20.14162	22.135159
ENSMUSG Mfsd12	11.15334	10.28035	11.64651	24.35869	25.9444	29.218836
ENSMUSG Cxcl10	2.075812	0.776474	2.700342	3.326091	2.118737	3.815515
ENSMUSG Fam214a	7.408849	5.757392	5.036991	8.33913	8.761139	7.162897
ENSMUSG Vmn1r225	0	0	0	0	0	0
ENSMUSG Setx	8.665113	8.67927	8.003531	8.341271	8.875619	8.568086
Mus_musc Mus_musc	0.144265	0.060083	0	0	0.126607	0
Mus_musc Mus_musc	0	0	0.146829	0	0.105379	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.534693	0.65169	0.356916	0.291082	0.176102	0.266032
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	0.368844	0.601044	0.798505	0.618219	0.300678	0.828758
Mus_musc Mus_musc	2.464792	4.065484	4.530259	2.323116	1.741651	1.288839
Mus_musc Mus_musc	1.136122	1.495563	0.185687	0.710382	0.570711	0.722368

ENSMUSG Dcbl2	5.878764	6.995393	5.64694	5.756527	5.657974	5.976624
ENSMUSG Egl3	1.001327	0.977737	0.802859	1.902934	1.941895	2.436282
ENSMUSG Eva1a	3.430275	3.000023	3.155667	3.052987	2.888519	2.702541
ENSMUSG Clspn	0.271293	0.167324	0.243843	1.03633	0.932234	1.212088
ENSMUSG 49304071	0	0	0	0	0	0
ENSMUSG Leo1	5.571855	6.312417	7.488482	8.115299	8.924537	9.505531
ENSMUSG Malrd1	0	0	0	0	0	0
ENSMUSG Shc4	0.168853	0.123853	0.126484	0.192494	0.19189	0.3583
ENSMUSG Ugt1a1	0.29348	0.143817	0.134895	0.09258	0.110204	0.178436
ENSMUSG G6pc	0	0	0	0	0	0
ENSMUSG Aoc2	0.596924	0.729177	0.87131	0.981895	0.71968	0.662361
ENSMUSG Psme3	26.93259	26.56492	28.84938	27.82301	28.1025	27.071379
ENSMUSG Cntd1	0.194969	0.244331	0.215145	0.214883	0.301321	0.378407
ENSMUSG Gm10972	0	0	0	0	0	0
ENSMUSG Vps25	50.1802	40.99256	42.81211	40.30378	49.0193	46.83932
ENSMUSG Crnn	0	0	0	0	0	0
ENSMUSG Lca5l	0.340443	0.271996	0.293528	0.601701	0.4884	0.537888
ENSMUSG Cenph	0	0.368196	0.236592	0.736543	0.650812	0.825305
ENSMUSG Rbp2	0	0	0.126229	0	0.227586	0.332281
ENSMUSG Nmnat3	0.948928	0.973801	0.709672	0.954235	1.11975	1.351402
ENSMUSG Trim42	0	0	0	0	0	0
ENSMUSG Clstn2	7.508218	6.085967	6.765042	4.719454	4.7075	3.288083
ENSMUSG Copb2	41.55818	43.56295	42.4137	47.21483	49.27484	49.821384
ENSMUSG Mrps22	7.934392	6.920712	7.506721	5.909862	6.369687	7.766289
ENSMUSG Fblim1	10.79057	8.582353	9.340908	10.33465	10.338	10.661383
ENSMUSG Fam131c	0.378293	0.058902	0.106101	0.22854	0.161548	0.482512
ENSMUSG Hpn	5.99856	8.216692	6.344723	7.909547	8.739721	10.084045
ENSMUSG Gramd1a	16.3698	15.34373	20.80576	17.35863	17.70246	18.315785
ENSMUSG Lsr	25.59701	21.40095	21.11017	19.79937	19.73818	23.788811
ENSMUSG Zbtb17	7.046378	8.01246	6.691173	6.714517	6.699972	7.599712
ENSMUSG Clcnkb	0	0	0.020286	0	0.025792	0.067173
ENSMUSG Ndufv2	26.37203	26.74265	27.8105	30.38365	25.1758	25.356744
ENSMUSG Twsg1	48.39698	52.13858	48.48515	39.84987	36.19171	39.26186
ENSMUSG Gm5938	0	0	0	0	0	0
ENSMUSG Tmsb10	158.828	155.3987	222.5362	231.1636	211.9356	226.96399
ENSMUSG Gm14744	0	0	0	0	0	0
ENSMUSG Srsf7	39.30898	39.682	50.60623	40.57517	32.71141	33.445989
ENSMUSG Ralbp1	57.66087	58.80504	54.94276	48.38386	49.88108	48.0771
ENSMUSG Hnrnp1l	22.51954	20.45743	21.53356	17.29152	18.30387	19.633179
ENSMUSG Kcnj8	2.705498	3.324587	2.927011	2.584222	2.749023	2.004218
ENSMUSG Tmtc4	2.638319	3.234796	2.689158	3.156661	3.442079	3.202255
ENSMUSG Setbp1	3.207662	3.512578	2.822115	3.358636	3.724496	3.332461
ENSMUSG Fam193a	8.167015	7.643348	7.728533	6.793187	7.410565	7.843865
ENSMUSG Ldlrad4	12.39582	11.94386	8.58481	9.86779	10.13523	10.828053
ENSMUSG 4930546C	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.13515	0.121776	0.315547
ENSMUSG Cep192	2.857622	2.730528	2.632809	3.490988	3.591042	3.712981
Mus_musc Mus_musc	0	0.148643	0	0.342379	0	0.096256
Mus_musc Mus_musc	0.149103	0.134117	0.098986	0.264423	0.321242	0.104324
Mus_musc Mus_musc	0.4566	0.430872	0.33243	0.490813	0.569717	0.397187
Mus_musc Mus_musc	0	0.056553	0	0	0	0.132354
Mus_musc Mus_musc	0.330847	0.118108	0	0	0	0
Mus_musc Mus_musc	0	0.128591	0	0.084449	0.071992	0.368372
Mus_musc Mus_musc	0	0	0	0	0	0.207265
ENSMUSG Rcan3	7.181695	6.279291	5.695394	5.711371	5.638623	5.597474
ENSMUSG Flot1	56.87614	55.91115	57.01457	41.77948	41.69004	42.116178
ENSMUSG Fam198a	3.61214	3.833579	2.647855	3.386003	3.361192	3.275905
ENSMUSG Dync1i2	43.39352	43.1079	45.73247	36.86008	38.07153	37.687891
ENSMUSG Slc25a12	5.340022	5.694099	5.866642	5.606503	5.919009	5.865757
ENSMUSG Setd3	52.27513	54.74291	54.70017	45.25703	43.5612	41.244144
ENSMUSG Zfp385b	2.522909	2.760839	2.311139	3.976179	4.08522	4.604052
ENSMUSG Cwc22	8.778895	7.277485	7.316961	8.346016	8.190135	7.872811
ENSMUSG Cybrd1	4.858706	4.53208	4.662973	5.526015	6.582487	6.039853
ENSMUSG Hat1	12.11977	12.05992	12.95945	12.89971	15.09241	13.926243

ENSMUSG Surf4	50.39226	48.32687	50.3798	59.7491	63.11011	65.517334
ENSMUSG Tcp11l1	1.177171	1.267625	1.062039	1.308268	1.586407	1.260232
ENSMUSG Gm11232	0	0	0	0.031074	0	0
ENSMUSG Usp32	11.38858	10.93522	9.984202	10.55671	10.5995	10.01843
ENSMUSG Car4	148.1362	155.6083	183.911	95.5557	101.852	99.160196
ENSMUSG Cdc26	6.725796	5.579108	8.504753	6.533426	6.11544	5.33605
ENSMUSG Prpf4	5.131966	4.783233	4.879661	3.891459	4.67889	4.101891
ENSMUSG Actrt2	0	0	0	0	0	0
ENSMUSG Gdf6	0.071656	0.076761	0.014349	0.175593	0.182992	0.156861
ENSMUSG Zgrf1	0.32111	0.242649	0.269716	0.322181	0.592528	0.529309
Mus_musc Mus_musc	0	0	0	0.211813	0.34737	0.323217
Mus_musc Mus_musc	0.210985	0.100082	0.233719	0.349105	0.156076	0.239374
Mus_musc Mus_musc	0	0.285801	0.350796	0.205132	0	0.135604
ENSMUSG Hipk3	40.96964	44.43556	35.50944	32.65429	35.86106	34.325061
Mus_musc Mus_musc	0.0359	0	0.175326	0.384674	0.130318	0.163486
Mus_musc Mus_musc	0	0.11091	0	0.725974	0.265453	0.260451
Mus_musc Mus_musc	0	0	0.120527	0.245251	0	0.079347
ENSMUSG Ints12	7.210196	6.106599	5.92219	6.199457	6.113166	5.371871
ENSMUSG Mxi1	9.683775	11.00898	10.28984	9.617728	9.633565	9.082638
ENSMUSG Smndc1	21.16597	18.89188	20.12348	15.32001	17.39134	15.151031
ENSMUSG Tdo2	0.916427	1.171239	1.101802	1.544514	2.704509	2.032222
ENSMUSG Add3	56.60263	52.11755	47.10684	33.11673	35.16627	30.797645
ENSMUSG Med28	10.03185	13.09371	9.583657	9.533953	8.709297	10.112521
ENSMUSG Qdpr	27.09332	27.46899	28.81248	27.29546	28.12133	29.013296
Mus_musc Mus_musc	2.555741	2.118099	2.205838	1.263745	1.617094	2.142387
Mus_musc Mus_musc	0	0	0	0.203332	0	0
Mus_musc Mus_musc	0.200589	0.062392	0	0.205113	0.226457	0.12135
Mus_musc Mus_musc	0	0	0.180733	0	0	0
Mus_musc Mus_musc	0.14166	0.950972	1.47602	5.141525	4.67166	3.98991
Mus_musc Mus_musc	0.179032	0.467616	0.163545	0.778169	0.674311	0.675389
Mus_musc Mus_musc	0.233607	0.275272	0.289669	0.525298	0.553988	0.739679
Mus_musc Mus_musc	2.734744	3.016176	1.969578	4.245939	4.540344	4.125038
Mus_musc Mus_musc	0	0.348171	0	0	0.387499	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Ms4a4b	12.51509	7.51943	19.91912	11.93242	8.505054	12.225747
ENSMUSG Krt42	0	0	0	0	0	0
ENSMUSG Taar8c	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Prr5	3.469424	2.624059	3.330535	8.100411	8.06379	8.19159
ENSMUSG Rab3gap1	16.99691	17.02455	16.17687	14.84441	14.76887	14.957137
ENSMUSG Rhoc	62.61945	64.08958	71.81112	63.54238	62.06661	64.522286
ENSMUSG Colec12	18.43315	18.8611	19.06174	24.37753	24.61715	24.807127
ENSMUSG Smim13	6.628203	6.929873	6.131934	5.466429	5.180452	5.447813
ENSMUSG Vmn2r19	0	0	0	0	0	0
ENSMUSG Mbnl3	1.993512	2.347219	1.587038	2.174052	2.025736	2.762987
ENSMUSG Milt6	20.34339	19.99822	20.35665	16.58125	15.80947	16.010994
ENSMUSG Smim1	15.28755	16.89861	14.91851	11.16936	11.83302	12.215453
ENSMUSG Pnma1	0.812146	1.35346	0.904908	1.637847	1.320142	1.280715
ENSMUSG Ifna16	0	0	0	0	0	0
ENSMUSG Ceacam2	1.478639	1.376104	0.325221	1.109605	0.389973	0.555663
ENSMUSG Mdm4	14.30566	14.35548	15.62422	14.80922	13.01842	12.936464
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Klra10	0	0	0	0	0	0
ENSMUSG Crnkl1	11.43765	11.63801	10.83481	10.95984	11.39573	10.814248
ENSMUSG Me3	0.859075	1.154773	1.534542	0.857005	0.639718	0.641352
ENSMUSG Smo	11.16242	11.17828	10.77749	10.09027	9.34961	11.331573
ENSMUSG Tspan33	1.031627	0.860438	1.463407	1.455836	1.935084	1.619498
ENSMUSG Ssty1	0	0	0	0	0	0
ENSMUSG Rin2	43.02562	42.62222	36.66128	32.51332	35.95842	30.919275
ENSMUSG Olfr1309	0	0	0	0	0	0
ENSMUSG Pfas	2.084997	2.114363	2.055629	2.34156	2.383088	2.40088
ENSMUSG Ctc1	4.23916	3.716285	3.792588	3.463523	3.821437	3.820844
ENSMUSG Aurkb	1.120282	0.797819	1.051223	3.370247	4.420011	4.480731

ENSMUSG Tmem107	10.49498	13.72562	10.63269	13.03136	12.73042	10.869045
ENSMUSG Vamp2	48.97901	41.14571	45.22848	27.13478	31.84259	28.610988
ENSMUSG Per1	33.2729	35.5966	28.0427	10.33889	16.16495	14.833703
ENSMUSG Olfr1493-r	0	0	0	0	0	0
ENSMUSG Alox8	0	0.025734	0.058284	0.036141	0.086402	0.08861
ENSMUSG Gucy2e	0.023089	0.006112	0	0	0.022118	0.023612
ENSMUSG Exo1	0.111617	0.08432	0.049147	0.303634	0.201781	0.185862
ENSMUSG Bahcc1	5.265004	4.771995	4.164738	3.754528	3.989305	3.40607
ENSMUSG Alg2	10.02853	9.90057	9.120091	9.87817	10.04437	9.758566
ENSMUSG Gm4744	0	0	0	0	0	0
ENSMUSG Fam71f1	0	0	0	0	0	0
ENSMUSG Htatip2	8.024113	7.526048	8.469942	10.08452	9.890198	10.402459
ENSMUSG Orai2	7.600991	7.460244	7.70361	8.260019	7.827847	9.916868
ENSMUSG Gm10334	0	0	0	0	0	0
ENSMUSG Mak16	11.03482	11.4402	10.058	10.61818	12.35489	12.34447
ENSMUSG Plpp5	10.98514	10.50815	12.05973	18.02206	14.97678	16.813121
ENSMUSG Kcnu1	0.076255	0.024918	0.202161	0.027953	0	0
ENSMUSG Tti2	3.042927	2.60665	3.190477	2.721085	2.486696	2.481841
ENSMUSG Star	1.592128	1.327617	1.156123	0.865264	0.931201	0.916468
ENSMUSG Ash2l	11.54023	11.60386	10.33438	10.46019	10.24361	10.877602
ENSMUSG Bmp15	0.055303	0.060513	0.048417	0.01706	0.018303	0
ENSMUSG Etv6	5.529667	6.5235	5.795898	7.120502	6.410835	7.187265
ENSMUSG Creld2	23.3828	27.88779	29.64681	88.98229	104.6724	98.910484
ENSMUSG Tas2r103	0	0	0	0	0	0
ENSMUSG Tas2r116	0	0	0	0	0	0
ENSMUSG Twf2	27.91682	22.90138	25.5993	27.79145	28.02626	29.267305
ENSMUSG Cd4	3.029708	2.100701	2.64365	5.895105	5.139656	4.890862
ENSMUSG Esp34	0	0	0	0	0	0
ENSMUSG Gm7030	0.84072	0.604258	1.598405	0.683536	0.774015	1.273754
ENSMUSG Gm49373	0.124396	0.078907	0.456638	0.229536	0.14009	0.238341
ENSMUSG Skint10	0	0	0	0	0	0
ENSMUSG Tmprss11f	0	0	0	0.014481	0	0
ENSMUSG Hoxb3	3.688082	3.165696	4.218639	3.668223	2.84367	2.710577
ENSMUSG Atoh1	0	0	0	0	0	0
ENSMUSG Ang5	0	0	0	0	0	0
ENSMUSG Gm9044	0.029702	0.052295	0.032019	0.056887	0.055537	0.030743
Mus_musc Mus_musc	0	0.079746	0.086869	0	0.072361	0
ENSMUSG Pde5a	33.7121	32.9203	30.28975	21.12648	20.55046	18.083646
Mus_musc Mus_musc	0	0	0	0	0.098451	0
Mus_musc Mus_musc	0	0.133543	0.043999	0.281522	0.217075	0.461946
ENSMUSG Pth2r	0	0	0	0	0	0
ENSMUSG Crygf	0	0	0	0	0	0
ENSMUSG Tmem70	10.38236	9.127955	9.903043	10.01939	10.95432	9.178239
ENSMUSG Pikfyve	4.520962	4.633129	3.867244	4.270477	4.136839	4.286195
ENSMUSG Cntnap5a	0	0	0	0	0	0
ENSMUSG Zcrb1	43.47517	43.00762	48.93333	39.8114	37.18477	31.726321
ENSMUSG Yaf2	17.1998	20.31531	18.8704	14.01749	15.42967	14.567286
ENSMUSG Cblb	10.10287	9.643539	8.949447	8.902522	8.804053	8.640081
ENSMUSG Alcam	73.60514	77.50829	62.93146	64.17145	62.47808	66.182048
ENSMUSG Ankrd46	39.04661	37.86064	36.86331	28.64024	30.43709	29.475083
Mus_musc Mus_musc	0	0.24281	0	0	0.188751	0
Mus_musc Mus_musc	0.132701	0.057722	0.063193	0.377324	0	0
Mus_musc Mus_musc	4.526783	3.289109	5.289113	4.833968	4.418175	5.824839
Mus_musc Mus_musc	0.630825	0.396243	0.381776	0.644508	0.347057	0.71999
ENSMUSG Olfr20	0	0	0	0	0	0
ENSMUSG Lactb	5.835998	5.529969	7.077688	7.693779	6.822091	6.591493
ENSMUSG Olfr149	0	0	0	0	0	0
ENSMUSG Kif11	0.697383	0.702029	0.562355	1.845802	2.471998	2.417908
ENSMUSG Defb45	0	0	0	0	0	0
ENSMUSG Ctnnb2nl	51.91566	53.80042	44.42521	32.24146	36.33557	30.577331
ENSMUSG Hist1h3c	0.268616	0.202807	0.027025	0.02025	0.066083	0.38153
ENSMUSG Tex46	0	0	0	0	0	0
ENSMUSG Hbb-bs	5434.924	6005.119	7281.495	2389.254	2419.342	1907.6362
ENSMUSG Cst13	0.142164	0.114697	0.217049	0.063784	0	0

ENSMUSG Mucl2	0	0	0	0	0	0
ENSMUSG Stag3	0.045992	0	0.054881	0.075706	0.0949	0.170411
ENSMUSG Tbc1d30	11.28143	10.5829	8.310963	8.210467	8.189661	8.520868
ENSMUSG Mrgpra6	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Usp3	6.019057	6.517682	6.195885	6.686051	7.164069	7.822384
ENSMUSG Pdap1	25.74492	25.2542	25.92756	24.25444	23.56356	23.127789
ENSMUSG Arpc1b	82.15726	79.26081	84.74384	110.3829	129.7258	143.7903
ENSMUSG Arpc1a	60.6622	62.64097	67.79813	57.96057	56.6034	59.046586
ENSMUSG 1700018F2	0.035528	0	0.040051	0.151372	0.045758	0.063201
ENSMUSG Zkscan14	4.685647	4.918484	4.786684	4.100423	4.344259	4.756001
ENSMUSG Cpsf4	12.82655	13.10521	15.65545	13.61363	13.48304	14.798467
ENSMUSG Ptc1	7.161791	6.917333	7.746466	6.237054	6.070727	6.098243
ENSMUSG Phf14	11.01862	10.6926	9.174337	9.04313	9.215158	9.595893
ENSMUSG Rilp	8.341887	9.82408	9.049373	6.908815	6.773208	7.605878
ENSMUSG Hand2	0	0	0.037725	0.129013	0.021044	0
ENSMUSG Cer1	0	0	0	0	0	0
ENSMUSG Olfr562-ps	0	0	0	0	0	0
ENSMUSG 4931409K2	0	0	0	0	0	0
ENSMUSG Rnf135	5.268576	6.137916	6.66574	6.953454	6.832385	6.694514
ENSMUSG Ftsj3	9.441583	9.173034	9.215161	9.849015	9.404093	8.735138
ENSMUSG Ddx42	20.24788	19.73541	21.2173	18.99641	17.36157	16.184128
ENSMUSG Asic2	0	0.010419	0	0	0.016246	0.061217
ENSMUSG 5530401A	0	0	0	0	0	0
ENSMUSG Ccl1	0	0	0	1.32882	0.176522	0.736745
ENSMUSG Tmem132c	0	0	0	0	0	0
ENSMUSG Map3k3	40.98164	43.43917	42.51804	32.06681	34.59333	32.116871
ENSMUSG Adap2	11.53333	10.502	10.97362	11.21259	11.36818	10.181166
ENSMUSG Psmc5	49.71175	52.81116	55.73568	42.97488	44.67581	45.9883
ENSMUSG Rps26	190.1768	201.9309	219.1803	273.8593	256.0009	242.37952
ENSMUSG Esyt1	39.48955	33.27434	42.13612	40.08165	44.03956	49.507207
ENSMUSG Pa2g4	31.68658	32.61599	32.06669	30.72222	28.96718	31.355901
ENSMUSG Smarcc2	42.34629	44.28384	42.26287	39.58418	38.163	39.82032
ENSMUSG 1700123L1	0	0.052997	0	0	0	0
ENSMUSG Mbd3	59.84281	55.52872	69.17634	54.22193	58.41864	63.065076
ENSMUSG Rybp	19.33728	23.11571	20.65501	13.79483	15.42915	14.928024
ENSMUSG Tab3	3.03081	3.654101	3.056156	3.079927	2.845607	3.141467
ENSMUSG Galm	3.663766	4.22661	3.077401	4.420165	5.188372	4.864981
ENSMUSG Slc25a21	0	0	0	0	0.020752	0
ENSMUSG Gpr27	0.839134	0.75061	0.471454	0.54493	0.642165	0.639715
ENSMUSG Abca9	3.245736	3.789999	2.997241	4.67096	4.427363	4.272752
ENSMUSG Pabpn1l	0.028397	0.196795	0.062569	0.062906	0.113674	0.057919
ENSMUSG Epha7	0.723182	0.933917	0.741706	0.85763	0.79008	0.850295
ENSMUSG Casp8ap2	4.644818	4.398599	4.339388	4.138482	4.204257	3.880854
ENSMUSG Gabrr1	0	0.020251	0.005025	0.171504	0.143408	0.205135
ENSMUSG 1700009N	0	0	0.040287	0	0	0.056954
ENSMUSG Map3k7	11.93928	12.94372	11.34175	11.40216	10.99089	11.173917
ENSMUSG Mrps16	3.709893	3.59669	3.724083	4.787947	3.836702	5.053019
ENSMUSG Tex19.1	0	0	0.028947	0	0	0
ENSMUSG Plekhf2	18.09643	19.3648	16.84311	13.25802	15.00635	14.067015
ENSMUSG Col8a1	1.54559	1.432043	2.645068	2.87159	3.04943	2.608284
ENSMUSG Gm8797	4.493567	5.610874	6.238226	3.677068	4.881814	4.555039
ENSMUSG Pcdhgb1	0.653264	0.361777	0.373588	0.352097	0.315643	0.291404
ENSMUSG Robo3	0.00455	0	0.007043	0	0	0
ENSMUSG Robo4	22.1117	16.60969	17.50271	10.78289	13.28935	12.184366
ENSMUSG Hmbs	11.68974	11.06174	12.31599	13.56698	13.12865	16.950405
ENSMUSG Vps11	16.09007	13.8011	15.319	12.01547	12.41247	14.000666
ENSMUSG C2cd2l	11.73529	10.38706	12.14911	10.51303	10.05724	10.130763
ENSMUSG Tmem218	2.583153	2.578125	2.343078	2.136598	2.137802	1.807226
ENSMUSG Slc37a2	1.502227	1.86691	1.70217	7.438411	7.074583	9.104529
ENSMUSG Dpagt1	19.44861	18.55044	21.3816	17.99779	17.09539	17.429082
ENSMUSG Hpcal1	103.083	91.94017	111.5455	69.90727	71.64324	65.811143
ENSMUSG Tmem167l	25.15762	26.84724	26.40413	21.35634	22.493	21.326478
ENSMUSG Olfr605	0	0	0	0	0	0

ENSMUSG Trp53i11	10.62694	8.390923	10.32419	19.9159	17.18018	19.946018
ENSMUSG Sars	34.36536	38.18043	36.9739	35.59706	31.97286	32.531161
ENSMUSG Tufm	21.33945	21.61393	23.67681	22.12953	26.35048	24.897609
ENSMUSG Mup11	0	0	0	0	0	0
ENSMUSG Mup14	0	0	0	0	0	0
ENSMUSG Olfr715	0	0	0	0	0	0
ENSMUSG Gm10767	0.202469	0.337247	0.234894	0.410838	0.393052	0.232396
ENSMUSG Itpripl1	8.094235	8.308216	7.777722	6.780274	7.749454	7.791838
ENSMUSG Rslcan18	0.053918	0.247792	0.158891	0.090233	0.102781	0.328727
ENSMUSG Xcr1	0.657624	0.6644	0.837966	1.254456	1.104223	1.482176
ENSMUSG Nlrp9b	0	0	0	0	0	0.016514
ENSMUSG 2010315B	3.645868	6.113132	4.233586	5.484464	4.15941	5.67409
ENSMUSG Khl20	7.44973	6.848952	7.595842	5.812853	5.446561	5.954843
ENSMUSG Nsun6	3.496057	2.865454	2.721952	2.513554	2.589945	2.301921
ENSMUSG Prdx6	569.9971	583.7356	457.3911	269.6429	294.116	265.19452
ENSMUSG Tnfsf4	0	0	0	0.295128	0.068616	0.101792
ENSMUSG Dars2	3.199652	3.339629	3.039217	3.47718	3.689018	3.5457
ENSMUSG Cenpl	1.724637	1.678302	2.286779	2.018698	2.310983	2.051776
ENSMUSG 4930558K	0	0.013317	0	0	0	0
ENSMUSG Cables1	6.135266	6.201255	6.508078	4.705997	4.994859	4.729153
ENSMUSG Mgl2	5.18177	7.367734	5.53582	20.71045	27.08912	25.859185
ENSMUSG Rps19	227.5963	245.4866	244.7598	229.2759	204.4615	211.91598
ENSMUSG Rhbdf1	18.63532	18.63626	21.30883	12.16097	12.37672	11.78071
ENSMUSG Spaca4	0	0	0.03632	0.279361	0.155005	0.459814
ENSMUSG Pus10	4.042332	4.314732	3.601355	4.691133	4.541834	4.553493
ENSMUSG 1700093K	0	0	0	0	0	0
ENSMUSG Mpg	4.589085	4.353152	3.719118	4.227794	4.33488	4.641151
ENSMUSG 1810043G	5.369685	5.820506	5.550595	6.476059	6.08592	6.00358
ENSMUSG Rasal2	13.86774	11.93922	12.8655	7.344872	7.898188	6.280168
ENSMUSG Ahsa2	7.014535	9.503886	12.77896	7.666741	8.365782	8.244225
ENSMUSG Nprl3	6.278112	5.99403	5.558384	5.374718	4.745897	5.262676
Mus_musc Mus_musc	1.166631	1.097604	0.954838	0.508348	0.69331	0.797907
ENSMUSG Neur1a	1.420116	1.483524	1.061977	1.701241	1.460844	1.837432
Mus_musc Mus_musc	1.218942	1.659433	2.08923	1.714361	1.705359	1.301893
Mus_musc Mus_musc	0	0	0.202822	0	0	0.165982
Mus_musc Mus_musc	0	0	0	0.175184	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.217998
Mus_musc Mus_musc	0.348206	0	0	0	0	0.148941
Mus_musc Mus_musc	0.15714	0.337	0	0	0	0
Mus_musc Mus_musc	0.178241	0.244461	0.284967	0.037708	0.12065	0
Mus_musc Mus_musc	0	0	0	0	0.076664	0
ENSMUSG Cog3	11.06846	11.96905	11.34186	9.425044	10.48068	9.743857
Mus_musc Mus_musc	0	0	0	0.145739	0.340247	0
Mus_musc Mus_musc	0.272683	0.311248	0.44891	0.066026	0.260097	0
ENSMUSG Hif1a	20.66545	20.04011	19.90542	20.71425	21.535	23.027342
Mus_musc Mus_musc	0	0.627504	0	0	0.204345	0
Mus_musc Mus_musc	0.099394	0.057476	0.097614	0.892135	1.220064	1.157541
ENSMUSG Nckap5l	5.36279	4.816807	5.321263	3.665325	3.241276	3.771878
ENSMUSG Gm20822	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Spint5	0	0	0	0	0	0
ENSMUSG Ankub1	0.24306	0.20016	0.12444	0.798573	0.670702	0.416777
ENSMUSG Spint3	0	0	0	0	0	0
ENSMUSG Wfdc6a	2.649826	1.880865	2.513015	1.229227	1.445472	1.19252
ENSMUSG Wfdc9	0	0	0	0	0	0
ENSMUSG Gm20479	0	0.072191	0	0	0	0
Mus_musc Mus_musc	0.257577	0	0	0	0.295809	0
ENSMUSG Dynll1	71.23196	81.27849	85.80427	75.76997	75.00257	75.94533
ENSMUSG Gm10354	0	0.088585	0	0	0.320526	0.386866
Mus_musc Mus_musc	0.055856	0.257818	0.294992	0.374127	0.2847	0.144616
Mus_musc Mus_musc	0	0.09265	0	0.037861	0.113265	0.231196
Mus_musc Mus_musc	0.03206	0.060134	0.03561	0.480831	0.283396	0.505014
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186

ENSMUSG Dynlrb2	27.34239	28.76394	19.51342	44.50859	38.16826	30.772305
ENSMUSG Scara3	1.18752	1.082353	0.748307	1.236158	1.440028	1.456183
ENSMUSG Pkd2	27.37989	26.94943	25.88125	17.44413	19.24026	17.647467
ENSMUSG Six4	1.782716	2.35162	1.118863	1.563903	1.639735	1.772107
ENSMUSG Camk2n1	8.889965	9.339826	8.5603	6.474741	5.685189	5.57325
ENSMUSG Cmtr2	2.453054	2.378969	1.867972	2.239777	1.714222	2.360226
ENSMUSG Ppm1e	0.250244	0.407956	0.29636	0.650387	0.49354	0.466795
ENSMUSG Nexmif	1.175901	1.337022	1.117429	1.725409	1.817523	1.513177
Mus_musc Mus_musc	0.40055	0.257855	0.317374	0.292879	0.416543	0.217999
Mus_musc Mus_musc	0	0	0	0.051289	0	0
Mus_musc Mus_musc	0.249484	0.087271	0.300664	0.22347	0	0.18255
ENSMUSG Dhrr7b	6.800517	7.493927	6.571702	5.972815	7.517559	6.534818
ENSMUSG Nek10	0.147564	0.38833	0.198258	0.38663	0.401231	0.526116
ENSMUSG Fam227a	0.779311	0.859073	0.890003	1.104316	0.558432	1.006194
ENSMUSG Hmnr	0.186534	0.3377	0.31248	1.192337	2.01752	2.222942
ENSMUSG Cyp4a12b	0.118943	0.987421	0	0.157741	0.079744	0.154117
ENSMUSG Capn3	0.123281	0.070303	0.102572	0.104936	0.104934	0.170317
ENSMUSG 1700042G	0	0	0	0	0	0
ENSMUSG Hs3st4	0.035378	0	0	0	0	0.016518
Mus_musc Mus_musc	0.145401	0	0	0.326961	0	0.299051
ENSMUSG Skint8	0	0	0	0	0	0
ENSMUSG Skint5	0	0	0	0	0	0
ENSMUSG Scn9a	0	0.011761	0	0.010611	0.004079	0.00526
ENSMUSG Scn2a	0.186877	0.142684	0.064039	0.148879	0.082074	0.069877
ENSMUSG Psat1	4.012602	3.68734	4.623909	6.554761	6.936477	6.174339
ENSMUSG Pnmal1	0	0	0	0	0	0.01351
ENSMUSG Tmco4	6.295244	5.423107	6.307952	6.027032	5.815806	6.416267
ENSMUSG Dnah7b	0.384004	0.453453	0.23479	0.543628	0.540838	0.464104
ENSMUSG Brca2	0.536883	0.35357	0.356304	0.439604	0.518148	0.504051
ENSMUSG Hyi	7.254841	6.304695	7.221908	6.932592	6.939159	7.266417
Mus_musc Mus_musc	0.361756	0	0	0	0	0
ENSMUSG Elov1	99.90615	100.8329	103.9021	110.8561	87.60972	130.47187
ENSMUSG Med8	18.94651	19.90484	20.85835	20.34012	20.74453	23.15392
Mus_musc Mus_musc	0	0	0.135834	0	0.094608	0
ENSMUSG Oas1c	1.786558	1.047094	1.227588	1.154471	1.031288	1.718359
Mus_musc Mus_musc	0.098862	0.129811	0.067226	0.300671	0	0.057058
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Pcdhga8	0.759187	0.948936	1.391269	0.480779	0.461045	0.618367
ENSMUSG Slc6a2	5.907719	5.858327	5.394789	3.947525	5.334718	3.302864
ENSMUSG Prl2c5	0	0	0	0	0	0
Mus_musc Mus_musc	4.393151	4.047877	3.569505	4.091574	3.012899	2.913057
Mus_musc Mus_musc	0.202589	0.196719	0	0.452042	0.048901	0.419707
Mus_musc Mus_musc	0.130942	0	0.40407	0.291202	0	0.07258
ENSMUSG Zfp366	12.05245	13.40397	10.84493	8.442921	8.324622	7.504996
Mus_musc Mus_musc	0	0	0	0.394879	0.18857	0.248291
ENSMUSG Otop1	0.035189	0	0	0.061642	0	0.045959
ENSMUSG Ccnb3	0	0	0	0	0.036896	0
ENSMUSG Olfr272	0	0	0	0	0	0
ENSMUSG Map3k19	1.062506	1.245885	0.700434	1.635941	1.613923	1.414126
ENSMUSG Olfr697	0	0	0	0	0	0
ENSMUSG Pcdhb2	0.118714	0.11997	0.150559	0.19562	0.194325	0.237877
ENSMUSG 4932411N	0	0	0	0	0	0
ENSMUSG Tubb2a	43.3661	43.62734	59.99194	35.68734	36.90412	47.743591
ENSMUSG Astl	0	0	0	0.032212	0	0
ENSMUSG Gm17324	0	0.004194	0.074934	0	0.075645	0.099779
ENSMUSG Vmn2r104	0	0	0	0	0	0
ENSMUSG 2310050C	0	0	0	0	0	0
ENSMUSG Krt78	0.046228	0.035782	0	0.08176	0.072895	0.055572
ENSMUSG Syngr4	0	0	0	0.181112	0	0.057142
ENSMUSG Tm7sf3	14.9496	14.15553	14.78092	11.29067	11.82582	13.156756
ENSMUSG Trappc5	12.50987	13.65675	15.36888	13.59259	12.6281	13.282518
ENSMUSG Ugt2b38	0	0	0	0	0	0
ENSMUSG Slc25a3	145.9332	146.7977	151.3804	166.8356	165.4908	169.62745
Mus_musc Mus_musc	0.573931	0.575989	0.293836	1.974693	1.654993	1.355749

Mus_musc Mus_musc	0.455278	0.090327	0.713286	0.658809	0.158036	0.522111
Mus_musc Mus_musc	2.214421	2.373471	1.712175	0.937924	1.194497	0.601404
Mus_musc Mus_musc	0	0.110689	0.154213	0.28737	0.044373	0.09199
Mus_musc Mus_musc	0	0.163954	0	0	0.368472	0
Mus_musc Mus_musc	1.860925	1.734777	2.168622	1.329533	0.497846	1.045489
Mus_musc Mus_musc	1.218099	1.038387	2.140288	0.608677	0.390912	1.100292
ENSMUSG Hmx1	0	0	0	0	0	0
ENSMUSG Cyp4f13	12.45549	10.40416	11.41614	9.822984	8.057591	9.300733
ENSMUSG Olfr1504	0	0	0	0	0	0
ENSMUSG Sash1	30.69286	27.1719	24.2737	18.17882	21.84675	18.208938
ENSMUSG Olfr961	0	0	0	0	0	0
ENSMUSG Ifitm6	1.256125	1.838445	4.21525	3.574549	0.682568	1.392926
ENSMUSG Cacna1c	5.604794	3.792039	5.138913	4.656613	4.452644	5.044497
ENSMUSG Gfod1	5.009365	7.290171	6.944963	5.121345	5.113371	5.40853
ENSMUSG 2900026A	16.37167	14.4404	13.54349	9.431941	10.72377	9.592654
ENSMUSG Krtap6-3	0	0	0	0	0	0
ENSMUSG Olfr1310	0	0	0	0	0	0
ENSMUSG Fam204a	10.92772	9.671741	10.3844	8.183419	8.486979	6.493493
ENSMUSG Tunar	0	0	0	0	0	0
ENSMUSG Gm14214	0	0	0	0	0	0
ENSMUSG Gm17332	0	0	0	0	0.036503	0
ENSMUSG Gm21746	0	0	0	0	0	0
ENSMUSG Olfr784	0	0	0	0	0	0
ENSMUSG Gm8082	0	0	0	0	0	0
ENSMUSG Olfr560	0	0	0	0	0	0
ENSMUSG Olfr1501	0	0	0	0	0	0
ENSMUSG Snrpg	13.80365	10.18456	13.24556	12.6071	10.5314	14.744414
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	1.436346	1.066402	0.893251	0.83158	1.334177	0.817938
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.523357	0.42738	0.537575	0.47093	0.182365	0.31113
Mus_musc Mus_musc	0	0	0	0	0	0.342747
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.245862	0.107393	0.22891	0	0	0
ENSMUSG Vmn1r72	0	0	0	0	0	0
ENSMUSG Zfp748	3.106016	3.704535	3.216436	3.249038	3.007603	3.1266
ENSMUSG B9d2	8.143444	8.123207	10.06442	9.815636	9.564501	9.748621
ENSMUSG Wscd2	0.545562	0.455969	0.516979	0.549393	0.547883	0.661735
ENSMUSG Sorcs3	0	0	0	0	0.021771	0
ENSMUSG Olfr490	0	0	0	0	0	0
ENSMUSG Tmem63b	34.06346	30.60503	31.90953	21.94125	21.8396	22.318646
ENSMUSG Klrc2	0.383175	0.249634	1.553623	0.364406	0.250317	0.396471
ENSMUSG Gm20850	0	0	0	0	0	0
ENSMUSG Suclg1	37.96748	42.64916	39.86193	39.39648	39.5517	40.345151
ENSMUSG Kctd18	4.662312	4.600872	5.523197	4.652055	4.009023	4.182031
ENSMUSG Med13l	10.76476	10.76397	10.09917	8.280864	9.220838	8.560245
ENSMUSG Exosc5	19.77972	18.41283	18.23372	14.8788	14.47732	15.065267
ENSMUSG Taok3	27.20713	25.52039	22.70629	24.68878	26.70175	26.106685
ENSMUSG Gm45233	0.020404	0.119452	0	0.305763	0	0
ENSMUSG Bpifb9a	0	0	0	0	0	0
ENSMUSG Zfp677	1.163714	1.282541	1.331946	2.124898	1.799328	1.874452
ENSMUSG Gm5239	0	0.069418	0.068673	0	0	0
ENSMUSG Bpifb9b	0	0	0	0	0	0
ENSMUSG Gtf2f2	6.693904	5.736266	7.273445	7.733577	7.429007	7.31135
Mus_musc Mus_musc	0	0.087017	0	0.348365	0.108436	0.051932
ENSMUSG Ranbp3	23.31365	23.16741	25.79712	22.41744	24.20441	24.397237
ENSMUSG Blnk	1.840771	2.567551	2.107392	15.74411	17.67708	17.953285
ENSMUSG Gsdma2	0	0	0	0	0	0
ENSMUSG Med24	10.15713	8.485869	9.514668	9.739837	10.51411	10.639715
ENSMUSG Prpf40a	13.02824	13.13812	11.74229	12.85647	12.57581	12.750149
ENSMUSG Gm49368	0.464602	0.209751	1.08296	1.001382	3.741583	1.776136
ENSMUSG Zfp868	11.66928	13.20287	11.4021	11.08539	10.27198	10.067525
ENSMUSG Rhox3h	0	0	0	0	0	0

ENSMUSG Rhox7a	0	0	0	0	0	0
ENSMUSG Rhox12	0	0	0	0	0	0
ENSMUSG Olfr1320	0	0	0	0	0	0
ENSMUSG Sntb1	9.467013	9.653034	7.048804	9.699516	9.858771	9.86986
ENSMUSG Klf1	0.065012	0.125565	0.147405	0	0	0.036115
ENSMUSG Cthrc1	4.284363	3.826356	2.310884	3.41978	2.922231	4.664999
ENSMUSG Gon4l	9.00698	8.559035	7.62477	7.32507	7.51487	7.369351
ENSMUSG Znrf1	18.9491	16.1799	22.38478	17.17308	18.02297	15.188142
ENSMUSG Angptl1	0.187038	0.077242	0.210776	0.334976	0.149298	0.195303
ENSMUSG Cyld	10.38785	10.62516	9.804795	12.91638	12.1627	12.185518
ENSMUSG Gtf2a2	21.57125	19.76569	20.84387	19.14689	15.98847	19.761133
ENSMUSG Arhgef5	15.38083	15.94271	13.6107	11.56842	9.780354	11.579047
ENSMUSG Vmn1r115	0	0	0	0	0	0
ENSMUSG Micall2	0.731839	0.786258	0.511252	1.207829	1.30121	1.669124
ENSMUSG Olfr967	0	0	0	0	0	0
ENSMUSG Tescl	0	0	0	0	0	0
ENSMUSG Gsdmc3	0	0	0	0.056701	0	0.025358
ENSMUSG Olfr348	0	0	0	0	0	0
ENSMUSG Fbxw13	0	0	0	0	0	0
ENSMUSG Sorl1	27.18556	24.18072	22.13797	19.43657	19.85038	19.970367
ENSMUSG Bmp7	0.408802	0.553411	0.292071	0.280607	0.492064	0.323656
ENSMUSG Fbxl14	19.34427	17.79843	19.07063	15.86066	16.19756	16.245377
ENSMUSG Zfp638	12.65025	14.23238	12.60138	13.06008	12.45714	12.84872
ENSMUSG Smpd1	34.35434	35.13004	32.37312	32.4791	34.13289	36.380783
ENSMUSG Kat2a	8.971498	7.907092	9.703495	9.086601	8.134211	8.610874
ENSMUSG Stat5b	21.87187	20.29947	20.63436	16.95113	16.95902	16.914738
ENSMUSG Krt12	0	0	0	0	0	0
ENSMUSG Krt24	0	0	0	0	0	0
ENSMUSG Adprm	9.327713	10.48347	9.783466	10.99628	9.724051	8.764873
ENSMUSG Krt19	98.36365	87.82225	96.53909	58.33046	57.47127	70.097008
ENSMUSG Krt36	0	0	0	0	0	0
ENSMUSG Acly	62.87386	66.045	60.96102	66.58015	63.05292	77.657774
ENSMUSG Top2a	1.689006	2.076958	1.931024	5.779047	8.299907	8.783419
ENSMUSG Alox15	1.371875	1.155558	0.900257	16.88509	23.78808	27.039827
ENSMUSG Heatr9	0.111014	0.154556	0.269307	0.115176	0.152042	0.16228
ENSMUSG Ccl6	120.7705	103.1996	101.5482	423.1665	503.3287	464.62802
ENSMUSG Cxcl16	26.45878	24.4011	28.42156	49.32352	41.07648	48.12449
ENSMUSG Pelp1	7.87884	7.072811	6.416008	6.921569	6.618509	6.903979
ENSMUSG Adat1	1.661192	2.002937	1.987775	1.648961	1.966436	1.813358
ENSMUSG Med11	15.7907	17.49806	17.11319	17.21588	16.50532	15.78505
ENSMUSG Vmn2r86	0	0	0	0	0	0
ENSMUSG Gm7942	0	0	0	0	0	0
ENSMUSG Gm3696	0.023115	0.037004	0.055877	0.014831	0	0.042559
ENSMUSG Rergl	0	0	0	0	0	0
ENSMUSG Gm5624	0	0	0	0	0	0
ENSMUSG Cyp2d12	0	0	0	0	0	0
ENSMUSG Gm21748	0.062981	0	0	0.115636	0.131863	0.25944
ENSMUSG Myl12b	236.6603	222.6907	243.5724	155.2191	149.6613	151.40638
ENSMUSG Cd300lb	3.677944	3.034297	4.425045	17.4487	14.17667	18.968888
ENSMUSG Ifnz	0	0.047391	0.051998	0.017854	0.019154	0.018897
ENSMUSG Olfr805	0	0	0	0	0	0
ENSMUSG Vmn1r176	0	0	0	0	0	0
ENSMUSG Gm2431	0	0	0	0	0	0
ENSMUSG Gm6133	0.029752	0.048832	0.052213	0.03194	0	0.037304
ENSMUSG Rhebl1	2.319501	2.203436	1.924866	1.645644	1.47654	1.046838
ENSMUSG Vmn1r17	0	0	0	0	0	0
ENSMUSG Edem3	15.1698	15.6275	14.68875	15.62333	16.11374	15.331165
ENSMUSG Sgcz	0	0	0	0	0	0
ENSMUSG Olfr1337	0	0	0	0	0	0
ENSMUSG Arxes2	10.15511	8.689618	7.454456	5.298872	7.667132	5.350634
ENSMUSG Onecut1	0	0.035175	0	0	0.028308	0.014895
ENSMUSG Nemp2	2.331063	2.466367	2.696503	3.128678	2.759031	2.425011
ENSMUSG Tusc3	54.18944	51.35989	47.44747	45.97369	51.18722	48.512124
ENSMUSG Ptgir	1.607886	1.148238	1.73134	7.869185	7.600001	8.335084

ENSMUSG Ndufb11	52.34251	61.55284	59.4131	59.83984	55.85035	55.744312
ENSMUSG Slc34a2	467.0029	447.5264	392.0319	476.2947	453.0201	486.6485
ENSMUSG Sel1l3	1.103518	1.212261	0.973012	3.169933	3.086692	3.317046
ENSMUSG Pi4k2b	46.78573	42.30788	35.9455	35.89444	41.39457	44.678647
ENSMUSG Olfr109	0	0	0	0	0	0.002011
ENSMUSG Fam114a1	11.28694	9.662659	10.05854	9.087251	9.794391	10.453165
ENSMUSG 1700001C	5.105473	5.835247	3.610267	6.964578	5.720429	5.879062
ENSMUSG Il1f5	0	0	0	0	0	0
ENSMUSG Il1rn	4.207963	4.946983	4.979151	18.44476	23.63509	21.871284
ENSMUSG Ly75	5.464342	4.35353	4.709184	5.976981	6.918479	6.671126
ENSMUSG Baz2b	9.942038	10.24361	8.940923	9.915234	10.53954	9.223473
ENSMUSG Hnmt	9.335211	10.90516	8.349682	9.543167	8.120144	9.486566
ENSMUSG Il1f8	0	0	0	0	0	0
ENSMUSG Il1f6	0	0	0	0	0	0
ENSMUSG Dapl1	0.689121	0.870386	1.409128	0.833638	0.398798	1.375129
ENSMUSG Wdsub1	14.22305	13.10208	14.04223	11.30373	10.93545	10.829794
ENSMUSG Itga2b	3.509801	2.405205	5.448474	2.016425	1.899678	1.610518
ENSMUSG Nudc	65.49302	74.81831	72.59253	60.32364	59.44344	61.314987
ENSMUSG Gpatch3	2.833701	2.412122	1.872376	2.374226	2.181541	2.414871
ENSMUSG Tmem222	17.62723	16.41784	18.30199	13.80931	14.48542	12.594619
ENSMUSG Galp	0	0	0	0	0	0
ENSMUSG Bmp2k	6.674772	6.127711	6.163729	8.029186	8.51943	8.930263
ENSMUSG Slc9a1	11.31289	9.626163	10.72082	9.643216	11.13934	11.427643
ENSMUSG Csf3r	15.96654	13.23291	20.11329	11.054	8.088912	7.027994
ENSMUSG Gfm2	6.050356	6.303003	7.106893	7.097514	6.866081	7.155073
ENSMUSG Hexb	23.96666	22.31169	25.73303	56.63477	55.01208	59.801636
ENSMUSG Arhgef28	12.16698	14.16798	10.99074	10.33706	10.34646	9.650648
ENSMUSG Ankra2	7.260757	7.689726	7.365154	8.123737	8.481766	7.062301
ENSMUSG Btf3	166.741	168.3516	167.215	152.2042	151.3038	158.99858
ENSMUSG Thsd7a	0.512787	0.46008	0.443016	0.321593	0.447541	0.647214
ENSMUSG Eml4	8.518976	8.874849	9.204872	8.885109	8.463315	9.12347
ENSMUSG Oas1d	0	0	0	0	0	0
ENSMUSG Srek1	10.14725	11.13265	10.2233	9.76303	8.996696	10.466678
ENSMUSG Polk	5.557214	5.365319	5.020839	4.909214	4.086006	4.148602
ENSMUSG Gm13103	0	0	0	0	0	0
ENSMUSG Tmem116	8.648159	10.40247	10.40026	9.732533	11.10886	8.902816
ENSMUSG Xpnpep3	3.166819	3.871996	3.002067	2.665009	2.62243	2.853731
ENSMUSG Mapkapk5	14.70602	15.19936	15.30041	13.07264	15.57816	12.968362
ENSMUSG Adsl	9.93146	12.93268	8.269934	7.757114	9.33668	8.008955
ENSMUSG Slc25a17	31.03482	31.93763	29.1569	28.52234	30.52524	28.459131
ENSMUSG Brap	18.98136	21.42093	18.71601	17.64755	17.97379	17.534029
ENSMUSG Fam83f	0.589978	0.500409	0.416724	1.092935	1.020103	1.340073
ENSMUSG Mrap2	0	0.015124	0	0	0	0
ENSMUSG Maneal	0.145212	0.267877	0.187211	0.112954	0.078456	0.08848
ENSMUSG Trim46	1.654136	1.386068	1.897127	2.09453	1.967878	2.73618
ENSMUSG Hspa4l	8.657103	12.78388	8.769601	11.63374	12.03695	11.530457
ENSMUSG Lrrc38	0	0.077487	0	0	0	0
ENSMUSG Orc1	0.22565	0.128081	0.306932	0.352709	0.439124	0.495865
ENSMUSG Agbl1	0	0	0	0.023244	0	0
ENSMUSG Laptm5	85.27788	67.85423	90.83277	116.2669	110.6023	121.58127
ENSMUSG Pum1	21.93785	21.04098	22.52491	19.00733	18.19039	19.703289
ENSMUSG Pdpn	74.5915	63.09965	70.49207	44.49055	47.44416	50.70121
ENSMUSG Cc2d1b	11.64172	10.63783	11.20537	11.40083	11.04166	10.335426
ENSMUSG 1700012P	0	0	0	0	0	0
ENSMUSG Mfsd8	4.499298	4.022531	4.393579	3.492641	3.51692	3.094685
ENSMUSG Pik4	2.210543	2.273576	2.428178	2.886961	3.179382	3.309449
ENSMUSG Vcpkmt	9.290895	9.17772	8.899415	13.52167	11.31091	10.350478
ENSMUSG Ccdc180	1.396965	1.557429	0.836169	1.814361	1.72658	2.207937
ENSMUSG Eif1	199.6024	221.6912	229.7262	164.6033	159.1926	164.76778
ENSMUSG Exosc3	15.6967	13.96864	14.66419	17.3407	18.51669	15.287971
ENSMUSG Stra6l	0.151645	0.144426	0.15388	2.828557	2.181688	2.800011
ENSMUSG Xpa	7.331548	7.166044	5.716355	5.919328	5.98916	5.212297
ENSMUSG Tmod1	36.59607	35.59891	31.37087	16.3588	17.50708	13.879965
ENSMUSG Il10ra	5.571632	4.725927	9.847253	9.143191	7.644246	8.515598

ENSMUSG Lce6a	0	0	0	0	0	0
ENSMUSG Apoa1	0.054502	0	0.038684	0	0	0
ENSMUSG Apoc3	0	0	0	0	0	0
ENSMUSG Apoa4	0	0	0	0	0	0
ENSMUSG Dscaml1	0.020343	0.087245	0.021516	0.104041	0.063903	0.136737
ENSMUSG Bace1	11.72545	11.71358	9.872536	8.747421	8.121949	9.111787
ENSMUSG Tagln	61.37269	54.44059	65.99573	83.33691	91.42923	79.27379
ENSMUSG Peli1	19.51642	19.92428	18.33668	13.51245	14.26299	13.299463
ENSMUSG Apc2	0.772557	0.762252	1.128477	0.483576	0.337629	0.556976
ENSMUSG Thap2	4.895135	5.692789	4.504659	5.377866	4.936013	5.500962
ENSMUSG Tbc1d15	17.4559	15.26954	15.20545	15.37234	16.30192	15.657481
ENSMUSG Pcsk4	0.589618	0.605234	0.568255	0.429717	0.601955	0.576208
ENSMUSG Rab21	24.25119	24.71763	23.85448	20.32628	19.66365	19.760988
ENSMUSG 2310011J0	20.82864	20.69377	24.29556	17.63093	18.2397	19.84185
ENSMUSG Rfc3	4.999181	5.337495	5.734594	4.897986	6.727091	5.715647
ENSMUSG Zfp944	2.517521	3.194943	2.894892	3.13801	3.122771	2.233457
ENSMUSG Cerkl	0.216663	0.291234	0.091845	0.436894	0.719594	0.600308
ENSMUSG Heg1	90.21123	85.05485	78.67325	60.04803	59.29008	66.661876
ENSMUSG Sowaha	0.492301	0.580383	0.380038	0.328503	0.474497	0.400115
ENSMUSG Lacc1	4.036358	3.937292	4.066669	4.126049	4.01971	4.379664
ENSMUSG P2ry4	0	0	0	0	0.010484	0
ENSMUSG Akr1b3	57.75733	55.02689	63.48472	51.99465	56.9702	63.185688
ENSMUSG Igsf5	0.20588	0.130543	0.102282	0.158118	0	0.113626
ENSMUSG Arhgap30	11.80286	10.13611	15.94338	21.80854	21.14521	22.287416
ENSMUSG Gm8369	0.279397	0.300892	0.68771	1.256431	0.745279	0.876381
ENSMUSG Nid1	32.83712	31.37001	36.51083	24.6167	25.9074	23.321686
ENSMUSG Susd5	0.128624	0.03802	0.066408	0.043216	0.053955	0.112415
ENSMUSG Btbd18	0.05546	0	0	0.016955	0	0
ENSMUSG Pag1	12.29107	10.91655	12.24553	8.490309	9.532996	7.144946
ENSMUSG Cdo1	87.22048	91.33252	99.07677	72.73534	83.06228	64.239477
ENSMUSG Polr2f	18.32009	21.18737	23.76582	19.54539	19.38711	19.207916
ENSMUSG Gmppa	15.32482	16.64512	17.46801	24.5884	24.68881	23.932139
ENSMUSG Klrc3	1.089406	0.735678	2.377207	0.880101	0.384398	1.045704
ENSMUSG Klra9	0.175609	0	0.125546	0.154424	0	0
ENSMUSG 1700088E	2.679507	4.196341	2.595536	3.168392	3.918468	3.785981
Mus_musc Mus_musc	0.66378	1.704019	1.507204	1.317038	1.305796	1.774082
ENSMUSG Slc1a1	9.276043	8.233936	7.665627	7.669601	7.563788	8.466345
ENSMUSG Gm49450	0	17.62553	15.54567	9.919397	18.07047	0
ENSMUSG Ehbp1l1	9.485897	9.086422	11.16553	15.02435	11.16626	13.557129
ENSMUSG Fam89b	9.712532	9.052147	9.44704	13.23649	7.002578	12.326935
ENSMUSG Ubac1	12.03941	10.65198	9.9359	11.3619	10.21299	10.362167
ENSMUSG Map1b	4.079456	3.751697	2.472662	3.489515	3.585295	3.948517
Mus_musc Mus_musc	2.303596	2.197177	1.480863	0.738161	0.931416	1.054018
Mus_musc Mus_musc	0.132958	0.15178	0.156508	0.376239	0.034917	0.133432
Mus_musc Mus_musc	1.074589	1.104877	1.586864	0.429455	1.324422	1.486787
Mus_musc Mus_musc	0.413111	0.253041	0.143882	0.265448	0.364683	0
Mus_musc Mus_musc	0.247377	0	0.33677	0	0	0
Mus_musc Mus_musc	0	0	0.254445	0	0	0
ENSMUSG Insrr	0.080932	0.094939	0.048146	0.025853	0.010979	0.092743
ENSMUSG Cabp5	0	0	0	0	0	0
ENSMUSG Gm13723	0	0	0	0	0	0
ENSMUSG Vmn2r47	0	0	0	0	0	0
ENSMUSG Gm8922	0	0	0	0.108823	0.397264	0.145018
ENSMUSG 1700047I1	11.75328	9.66658	9.565918	8.955833	8.083018	7.704138
Mus_musc Mus_musc	0	0	0	0.101158	0	0
ENSMUSG Pla2g4b	0.044211	0	0	0.045121	0	0.170246
ENSMUSG Ube2dnl2	0	0	0	0	0	0
ENSMUSG Stra8	0.246641	0	0	0	0	0.05496
ENSMUSG Slc13a4	2.306032	2.462059	2.513979	2.686282	3.31127	2.152835
ENSMUSG Mtpn	54.8163	55.94888	51.03478	63.31723	60.06771	62.441769
ENSMUSG Slc23a4	0.151407	0.171627	0.194407	0.203299	0.146387	0.250934
ENSMUSG Hoxa1	0.469953	0.508714	0.450747	0.343776	0.33356	0.261035
Mus_musc Mus_musc	0	0	0	0	0.378979	0
Mus_musc Mus_musc	0.413439	0.296051	0.358272	0.328389	0.147544	0.714831

Mus_musc Mus_musc	0	0	0	0.178784	0.07928	0
ENSMUSG Kcng4	0.021145	0.024326	0.041612	0.041149	0.091875	0.065477
ENSMUSG Vwa8	8.922649	8.713072	7.691816	6.985784	6.731624	7.263394
ENSMUSG Atp1b4	0	0	0	0.009776	0	0
ENSMUSG Trappc9	9.350786	8.025833	8.647575	6.670252	7.402458	7.573698
ENSMUSG Capns2	0.056129	0.020575	0.003026	0.377122	0.129477	0.067443
Mus_musc Mus_musc	14.55735	11.94713	5.306015	758.8028	1158.793	781.761
Mus_musc Mus_musc	0.041836	0	0	0.945266	1.091647	0.730336
Mus_musc Mus_musc	0.910565	0.766994	0.503485	171.6058	52.07589	177.17485
Mus_musc Mus_musc	0.69108	0	0	2.708673	15.70989	27.850513
Mus_musc Mus_musc	0	0.044752	0	19.40115	22.75397	18.686186
Mus_musc Mus_musc	0	0	0	1.116907	0	0
Mus_musc Mus_musc	0	0.082324	0	16.25722	21.03468	18.152478
Mus_musc Mus_musc	0.776728	0.28843	0.060522	42.80495	16.95134	23.213575
Mus_musc Mus_musc	1.249678	1.643208	0.40445	27.4357	49.71507	89.882225
ENSMUSG Cbl	10.22614	9.811354	9.506531	10.85007	11.34501	11.492169
ENSMUSG Ube2f	9.342943	11.89041	12.03902	12.32184	9.83571	11.322239
ENSMUSG Wbp2	77.26727	76.00374	72.32355	62.03943	60.21036	63.847816
ENSMUSG Gtf2h5	15.09533	15.95585	15.37753	13.26611	14.11216	12.740134
ENSMUSG Smc4	14.31365	13.65587	13.79187	16.91597	15.82157	17.957097
ENSMUSG Khlh10	0	0.073001	0	0.157828	0.129676	0.027304
ENSMUSG Fkbp10	9.030931	6.961703	8.761612	6.395168	6.559007	6.71473
ENSMUSG Jup	171.8279	154.697	158.7279	108.5477	104.1895	110.10043
ENSMUSG Mc2r	0	0	0	0	0	0
ENSMUSG Sprr4	0	0	0	0	0	0
ENSMUSG Il13ra1	11.64612	13.53442	12.55671	14.18146	14.81471	15.352643
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0.249638	0.269562	0	0.269941	0.282648	0.343204
Mus_musc Mus_musc	1.929234	1.331224	2.475281	2.508374	2.156624	2.024587
Mus_musc Mus_musc	0	0	0	0.324448	0.203105	0
ENSMUSG Lnpk	4.731799	5.231465	4.71571	4.045388	4.629537	3.5063
Mus_musc Mus_musc	0	0.092738	0	0	0	0
Mus_musc Mus_musc	0	0.198842	0	0	0.43478	0
Mus_musc Mus_musc	0	0	0	0.113611	0	0.25405
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.558962	0.461588	0.293228	0.073622	0.343041	0
Mus_musc Mus_musc	0	0.426201	0.297976	0.250429	0.257649	0
Mus_musc Mus_musc	0.356004	0.543404	0.397119	0.231148	0.28902	0.17364
Mus_musc Mus_musc	0	0	0	0.213729	0	0
ENSMUSG Rps6kl1	0.788609	0.579691	0.780398	0.284188	0.476509	0.621157
ENSMUSG Lpl	55.15929	57.80452	48.09403	63.37463	78.78134	71.755907
ENSMUSG Etnppl	0	0	0.033991	0	0	0
ENSMUSG Lhx9	0	0	0	0	0	0
ENSMUSG Ccdc97	13.416	13.46674	15.6998	13.0085	12.58795	12.532411
ENSMUSG Gm13279	0	0	0	0	0	0
ENSMUSG Axl	46.13239	42.05896	44.96111	37.07782	43.9587	37.574707
ENSMUSG Tgfb1	50.31884	41.32955	50.76668	49.12305	50.08096	50.837584
ENSMUSG 4930595D	0	0	0	0.011913	0	0
ENSMUSG Krt27	0	0	0	0	0	0
ENSMUSG Ccdc13	0.877409	0.895637	0.592726	0.969745	1.233648	1.169706
ENSMUSG Setdb1	9.340746	9.384073	9.427769	9.343271	8.241805	8.983054
ENSMUSG Clcn4	15.00635	16.32978	15.64047	15.94189	16.93398	15.917269
ENSMUSG Vmn2r88	0	0	0	0	0	0
ENSMUSG Krit1	10.49178	12.64747	13.54647	10.57706	11.22081	9.484835
ENSMUSG Hyal1	15.88965	15.63422	16.65079	9.45797	10.29585	13.038742
ENSMUSG Tusc2	21.09555	16.51443	17.77041	15.6023	17.6191	17.783731
ENSMUSG Nprl2	9.049463	10.08084	10.22202	7.921864	7.719026	9.93456
ENSMUSG Thap8	0.079718	0.057577	0.163649	0	0.102958	0.054656
ENSMUSG Gm8220	0	0	0	0	0.043779	0
ENSMUSG Sox2	5.38344	6.053244	3.455676	7.340656	6.534959	5.652288
ENSMUSG Gm9732	0	0	0	0.06389	0.057307	0
ENSMUSG Vmn1r36	0	0	0	0	0	0
ENSMUSG Olfr279	0	0	0	0	0	0
ENSMUSG Fhod1	22.31831	20.64209	24.81174	18.05168	16.92365	15.334773

ENSMUSG Pcd2	1.375444	1.192749	1.264609	1.350402	0.986559	1.309431
ENSMUSG Dll1	13.92891	12.81858	20.98226	6.629674	7.530909	6.821408
ENSMUSG Nol3	4.628789	4.969363	5.707469	3.836428	3.863079	3.592681
Mus_musc Mus_musc	0.239559	0	0	0	0	0
Mus_musc Mus_musc	2.535734	9.575703	1.315237	3.092566	0	0
ENSMUSG Pou3f1	0.028774	0.029106	0.022121	0	0.014503	0
Mus_musc Mus_musc	0.363559	0.51118	0.26952	0	0.910981	0
Mus_musc Mus_musc	1.95962	1.487294	0.925361	0.144618	1.112455	1.382947
Mus_musc Mus_musc	0.854008	1.160281	1.005471	0.902503	0.768855	0.597398
ENSMUSG Abhd12b	0	0.060333	0	0.1149	0.034499	0.026461
ENSMUSG Kcne1l	0.1048	0	0	0.032706	0	0.035811
Mus_musc Mus_musc	0.116532	0.20326	0.253759	0.152812	0	0.093254
ENSMUSG Mettl4	3.457614	4.39763	3.395305	3.593407	3.132922	3.347762
ENSMUSG Gnaz	0.47705	1.024749	0.97011	1.301684	1.094176	1.376151
ENSMUSG Ginm1	43.32335	43.25899	49.78476	35.59041	34.13187	31.398673
ENSMUSG Bahd1	11.24351	10.07988	10.48224	9.510641	9.516143	10.934592
ENSMUSG Magi2	0.993854	0.497015	0.898784	0.742525	0.262325	0.730865
ENSMUSG Muc2	0.014679	0.433112	0.074653	1.558687	0.336192	0.220168
ENSMUSG Ppp1r1b	3.127674	6.842473	4.372411	8.482347	7.75796	7.140465
ENSMUSG Tspan4	82.32252	68.97028	78.00924	42.49409	43.42073	41.582032
ENSMUSG Cd151	143.6006	132.8972	140.3363	98.91865	100.4394	104.49447
ENSMUSG Chid1	4.899219	5.001833	4.938354	7.170504	8.002071	8.25311
ENSMUSG Tktl2	0	0	0	0	0	0
ENSMUSG Tyw1	7.455113	7.450016	7.069118	6.876654	7.09992	7.210376
ENSMUSG Tcim	40.12258	51.30471	49.33554	25.83007	27.78168	27.005072
ENSMUSG Olfr1001-r	0	0	0	0	0	0
ENSMUSG Olfr1251	0	0	0	0	0	0
Mus_musc Mus_musc	0.130587	0.366741	0.138964	0.340438	0.140285	0.084055
ENSMUSG Slc22a1	0.097284	0.727716	0.337695	0.521259	0.123019	0.106151
ENSMUSG Slc22a3	0.591589	0.520355	0.59441	1.004417	0.90252	1.23695
ENSMUSG Agpat4	26.92089	22.32427	27.90171	16.99506	18.53889	18.626921
ENSMUSG Prkn	1.324743	0.930876	1.021321	0.918384	0.517398	0.499201
Mus_musc Mus_musc	3.169064	2.354925	4.37868	0.729732	1.320772	1.048272
ENSMUSG Ankrd23	1.525407	2.488189	1.946628	2.630995	1.961138	2.15746
ENSMUSG Slc22a27	0	0	0	0	0	0
ENSMUSG Epp13	0	0	0	0.130376	0.158796	0
ENSMUSG Gm9049	0.462583	0.684942	0.484767	0.432119	0.453776	0.373792
ENSMUSG Rxfp2	0	0	0	0	0	0.019732
ENSMUSG Gm45808	0	0	0	0.012665	0	0
ENSMUSG Zfp128	1.278162	1.270013	1.182685	1.219974	1.284886	1.009325
ENSMUSG Kif13a	28.48863	27.51137	25.15901	18.96923	19.00101	19.834226
ENSMUSG Vars2	6.45452	6.11042	5.31417	6.396085	5.905825	6.793483
ENSMUSG Agbl3	2.735779	3.461071	2.125732	2.069899	1.930861	2.305866
ENSMUSG Dek	39.21341	35.05653	34.62961	33.34234	35.15029	36.160836
ENSMUSG Tmem248	22.11606	21.71585	22.11055	21.0821	20.72461	21.390253
ENSMUSG Lins1	1.747113	1.916928	2.268862	1.75148	1.754567	1.712143
ENSMUSG Myh7	19.36222	24.96381	18.38681	17.74403	15.04696	22.245798
ENSMUSG Clca4a	0	0.012431	0	0.013845	0	0
ENSMUSG Gm20219	1.791114	1.611431	2.054458	1.307384	1.05145	1.582637
ENSMUSG Rhox3a	0	0	0	0	0	0
ENSMUSG Tcp11l2	22.64557	20.08608	18.38909	19.24647	19.29837	18.179148
ENSMUSG Rfx4	0.050869	0	0	0.112121	0.038987	0.139682
ENSMUSG Rhox1	0	0	0	0	0	0
ENSMUSG Olfr894	0	0	0	0	0	0
ENSMUSG A630095E:	0	0	0	0	0	0
ENSMUSG Nuak1	7.251848	7.495773	8.404923	6.038584	7.094751	6.077271
ENSMUSG Eif3g	51.53479	54.55507	54.77199	49.0298	46.97854	53.243126
ENSMUSG Cry1	13.80217	14.11074	13.59931	10.22516	10.66334	10.689901
ENSMUSG Prl2a1	0	0	0	0	0	0
ENSMUSG Masp1	0.474995	0.636302	0.590714	0.669246	0.726064	0.860807
ENSMUSG Eif4a2	174.385	198.5307	185.7936	151.1739	156.1648	142.37858
ENSMUSG St6gal1	10.9294	11.26647	10.02992	21.1766	20.72344	18.364956
ENSMUSG Robo1	2.726518	2.769181	2.173163	1.594699	1.899384	1.216146
ENSMUSG Rfc4	2.817867	2.85207	2.634353	4.174438	3.413689	3.220096

Mus_musc	Mus_musc	5.700816	6.011361	1.236346	146.1469	31.23178	42.309952
ENSMUSG	Mrpl39	9.492555	9.140066	8.620273	9.095909	8.579303	9.364996
ENSMUSG	Glis3	1.755139	2.106734	1.226412	1.893761	2.311372	1.994365
ENSMUSG	Rnf157	1.037226	0.883421	1.458453	1.111869	1.243374	1.098556
ENSMUSG	Nop14	9.388719	9.789687	10.1773	8.718814	9.052886	9.76269
ENSMUSG	Ago2	11.25532	11.01914	9.864197	10.52167	10.85717	10.677264
ENSMUSG	Zcchc12	0.214563	0.219489	0.292197	0.257183	0.28382	0.182174
ENSMUSG	Sh2b2	1.625356	1.45336	1.334883	2.7241	2.054087	2.896811
ENSMUSG	Neur12	1.870066	1.355889	2.142742	1.642401	1.607426	1.550526
ENSMUSG	Lrrc32	17.47989	16.63555	20.77892	9.962953	11.51296	11.877409
ENSMUSG	Shc3	0	0	0	0	0.03644	0
ENSMUSG	Olf181	0	0	0	0	0	0
ENSMUSG	Heca	25.17557	25.4465	23.77411	18.96792	18.91203	18.747038
ENSMUSG	Slc39a5	0.016528	0	0	0	0	0
ENSMUSG	Acsm3	0.36344	0.48347	0.199646	0.240676	0.229658	0.292454
ENSMUSG	Oat	96.24502	103.8829	95.1113	86.72128	96.08176	102.32731
ENSMUSG	Chst15	15.13519	12.31438	12.24483	9.592325	10.41117	8.751129
ENSMUSG	Pcdha2	0	0	0	0	0	0
ENSMUSG	Rab5c	108.8601	104.8474	120.529	99.68651	98.08374	106.2572
ENSMUSG	Gm20661	0.131405	0.00642	0.060553	0.22676	0.171197	0.247514
ENSMUSG	Styx1	0.655088	0.796037	0.410701	1.495046	0.941612	1.680954
ENSMUSG	Mdh2	73.73357	74.99127	73.55351	83.52393	85.2916	90.931339
ENSMUSG	Scgb2b19	0	0	0	0	0	0
ENSMUSG	Olf488	0	0	0	0	0	0
ENSMUSG	Gm21750	0	0	0	0	0	0
ENSMUSG	Cts6	0	0	0	0	0	0
ENSMUSG	Greb1	1.708053	1.814296	1.591147	0.894271	0.884062	0.916081
ENSMUSG	Olf583	0	0	0	0	0	0
ENSMUSG	Ppfbp2	13.34003	13.79167	12.28769	12.17046	11.11887	11.66994
ENSMUSG	Sbf1	17.58274	15.75726	17.50595	16.32702	16.94178	16.503641
ENSMUSG	Gm16405	0	0	0	0	0	0
ENSMUSG	Gm17093	0	0	0	0	0	0
ENSMUSG	Rasgrp3	18.88743	21.36031	19.1222	19.61941	19.08375	20.390442
ENSMUSG	Ces1a	0	0	0	0	0	0
ENSMUSG	Grxcr2	0	0	0	0	0	0
ENSMUSG	Gm10542	0	0	0	0	0	0
ENSMUSG	Spink11	0	0	0	0	0	0
ENSMUSG	Olf93	0	0	0	0	0	0
ENSMUSG	Gm17349	0	0	0	0	0	0
ENSMUSG	Fbn2	0.123189	0.17507	0.081631	0.10064	0.152899	0.132393
ENSMUSG	Prss38	0	0	0	0.083998	0	0
ENSMUSG	Akap12	33.94215	31.12518	31.98748	18.41535	17.64136	18.505322
ENSMUSG	Sct	0	0	0.056312	0.071692	0	0
ENSMUSG	Zfp219	14.8856	15.65408	16.23088	16.12834	15.4493	16.553508
ENSMUSG	Pptc7	15.70349	16.10435	15.0573	11.84965	11.71186	12.727132
ENSMUSG	Pln	1.094512	5.805999	1.011623	2.424616	1.471474	1.571256
ENSMUSG	Trappc1	16.12382	14.44488	17.21521	17.91367	18.85073	21.549947
ENSMUSG	Prkcsb	33.33359	33.05642	33.51236	38.99757	38.07685	41.518648
ENSMUSG	Grin2b	0.0377	0.012994	0.008201	0.002105	0	0.004501
ENSMUSG	Emp1	127.4921	122.803	121.2955	73.46062	72.76455	78.736012
ENSMUSG	Dusp16	13.57019	16.1506	13.42954	10.16679	9.657617	9.762203
ENSMUSG	Lrp6	20.45622	22.1933	18.85183	14.34442	15.24723	14.739401
ENSMUSG	Bcl2l14	1.825859	1.32747	1.092625	1.976484	1.937436	2.015894
ENSMUSG	Fam234b	5.398469	5.072246	5.43155	4.598964	4.585787	4.476171
ENSMUSG	Gsg1	0.29593	0.186448	0.183982	0.210747	0.19638	0
ENSMUSG	Gprc5d	0	0	0	0	0	0.040991
ENSMUSG	Ddx47	27.6186	26.16567	27.73284	24.52802	22.22213	22.945953
Mus_musc	Mus_musc	0	0	0	0	0	0.309088
ENSMUSG	Slc12a2	31.4347	32.53146	27.41835	28.74641	27.42861	25.725857
ENSMUSG	Nod1	23.63251	23.4697	31.69884	22.50898	18.61942	18.648334
ENSMUSG	Smim3	7.678771	8.935081	9.272075	7.216188	8.165154	10.076398
ENSMUSG	Kmt2c	12.58405	13.45306	12.402	10.98469	11.99356	10.712512
ENSMUSG	Dbil5	0.496674	0.098339	0	0.194526	0.052055	0.085277
ENSMUSG	Dexi	6.17481	7.378239	12.32406	8.226347	7.281397	8.596297

ENSMUSG Mroh5	0.02624	0.03537	0.016957	0	0.020249	0
ENSMUSG Gad1	0.145493	0.208444	0.053576	0.02334	0.011407	0.05984
ENSMUSG Ccdc173	1.476312	1.482591	1.305774	1.971129	1.708883	1.264333
ENSMUSG Faap20	8.178212	8.604437	9.849284	10.52251	9.824171	10.430834
ENSMUSG Gm10563	0	0	0	0	0	0
ENSMUSG Tmem88b	0.196591	0.095686	0.119389	0.257339	0.069062	0.051366
ENSMUSG Lrp12	5.254141	5.50828	5.126177	9.921804	11.19293	12.291886
ENSMUSG Dpys	0.022875	0	0	0.047703	0	0.130014
ENSMUSG Oxr1	32.96602	33.92355	32.5103	27.36929	26.18814	25.436765
ENSMUSG Zfpm2	1.024566	0.834218	0.78743	0.690265	0.653217	0.658833
ENSMUSG Dcaf13	12.28169	12.85478	12.90499	14.29305	15.30739	14.843678
ENSMUSG Dcstamp	0.10329	0.122937	0.119025	2.932795	2.130369	3.280392
ENSMUSG Ano4	0	0.043328	0	0	0	0
ENSMUSG Nkx6-1	0	0	0	0.011701	0	0
ENSMUSG Ubd	0.152875	0	1.252297	1.856425	1.022297	1.51485
ENSMUSG Fam124a	2.620074	2.640302	2.350625	2.113333	1.990572	2.02315
ENSMUSG Slc24a5	0.393371	0.367418	0.575089	0.459559	0.247769	0.35888
ENSMUSG Heatr5a	7.65169	8.110629	7.738148	8.641417	9.583032	9.028294
ENSMUSG Cdk7	9.388762	9.97261	9.05214	9.609082	9.066585	8.630719
ENSMUSG Lcn11	0	0	0	0	0	0
ENSMUSG Dyt1	0	0	0.071138	0	0	0
ENSMUSG Olfr1347	0	0	0	0	0	0
ENSMUSG Exph5	8.306826	8.650696	6.053342	4.690052	5.282826	5.009297
ENSMUSG Hid1	8.945872	8.955985	6.913166	13.13416	12.81854	14.313019
ENSMUSG Samd13	0.090915	0	0.353162	0.13779	0	0
ENSMUSG Zfp3	2.278273	2.190278	1.604689	2.324859	2.092929	2.364841
ENSMUSG Olfr13	0	0	0	0	0	0
ENSMUSG Ccdc169	0	0	0	0.179414	0	0.053745
ENSMUSG Vps13a	6.877106	7.275843	5.548947	5.370951	5.233977	5.650159
ENSMUSG B230219D	34.87025	39.02044	33.82365	28.73522	29.68364	29.162479
ENSMUSG Ccdc130	4.206073	4.550414	5.180629	3.718875	3.506813	4.07001
ENSMUSG Togaram2	3.899697	5.100568	2.506983	6.121339	5.982815	6.992307
ENSMUSG Mri1	2.905358	1.715575	1.85218	2.75385	2.28003	2.469037
ENSMUSG Basp1	3.411427	3.120957	2.52876	10.39632	11.8997	10.847528
ENSMUSG Tmem89	0	0	0	0	0	0
ENSMUSG Col7a1	0.809308	0.647498	0.673818	0.451445	0.568393	0.667381
ENSMUSG Uqcrc1	72.01824	74.13295	74.39109	71.35876	77.29565	82.740919
ENSMUSG Arhgef9	1.146142	1.647163	0.868103	0.875909	0.875542	0.856933
ENSMUSG Cnksr2	0.495213	0.5842	0.443421	0.312037	0.417666	0.502034
ENSMUSG Pacs2	15.57838	14.60866	16.11332	14.18112	15.01688	15.051272
ENSMUSG Pcnx	25.12616	27.79257	27.0331	20.19189	20.05766	18.510604
ENSMUSG Wdr37	11.97479	11.49396	11.35117	9.202923	9.277102	8.996234
ENSMUSG Mta1	23.68945	23.43044	26.25572	18.95578	20.93498	20.666671
ENSMUSG Gm9745	0	0	0	0	0	0
ENSMUSG Gtpbp4	5.016401	5.218728	4.370572	4.11256	3.651513	4.280826
ENSMUSG Ppia	132.8256	259.354	291.8569	196.0708	163.933	375.78746
ENSMUSG 2900055J2	0.155522	0	0.070098	0	0.14641	0
ENSMUSG Lrrtm2	0	0.009506	0.01002	0.016403	0	0
ENSMUSG Id3	133.2034	120.3478	130.0775	84.95964	77.03252	73.355034
ENSMUSG Tcap	3.900462	27.51035	4.708472	7.06659	6.291216	3.359457
ENSMUSG Fgd2	5.685201	4.356443	6.017526	8.706312	6.612436	8.678847
ENSMUSG Mtch1	110.65	101.4524	112.2237	96.34294	98.12538	99.853747
ENSMUSG Pi16	4.29626	4.816677	3.421008	5.964348	5.939169	6.098249
ENSMUSG Hs3st5	0	0.01504	0	0.016961	0	0
ENSMUSG Apoc4	0	0	0	0	0	0
ENSMUSG Pim1	12.67794	10.17136	21.02729	27.97423	23.41042	23.003731
ENSMUSG Cmtr1	11.95103	11.78456	13.49606	11.30369	10.58835	10.492456
ENSMUSG 2510039O	24.9532	22.82619	26.17709	24.14626	26.61877	25.589514
ENSMUSG Ccr8	0.573856	0.19988	0.213075	0.592543	0.937434	0.700221
ENSMUSG Trem1	1.378747	1.520121	1.358214	0.363789	0.603261	0.220099
ENSMUSG Slc26a9	8.026316	7.800584	9.005151	8.303309	6.612541	8.429795
ENSMUSG Fam92b	1.447303	2.304694	1.463852	3.080687	3.581206	3.129459
ENSMUSG Arf6	40.93895	39.06404	41.15081	41.82307	39.731	43.448696
ENSMUSG Gabarapl2	46.48278	49.90446	48.78191	40.10992	38.3527	38.860004

ENSMUSG 1810024B	0.203032	0	0.094343	0.169068	0.203798	0
ENSMUSG Nkrf	2.296653	1.661421	1.953932	1.795646	1.410704	1.787024
ENSMUSG 1810030O	14.19829	14.82167	15.04918	14.38796	14.24887	13.198081
ENSMUSG 2310057J1	0	0	0	0	0	0
ENSMUSG lrf8	16.99921	15.06741	27.00834	25.16831	20.75732	25.269558
ENSMUSG Polr2k	11.17802	14.12575	12.17033	15.40388	10.64682	10.185903
Mus_musc Mus_musc	0	0	0.270298	0	0	0.185074
Mus_musc Mus_musc	0.453907	0.139913	0	0	0	0
Mus_musc Mus_musc	0	0.178506	0	0.37085	0	0.136232
ENSMUSG Folr1	0.300923	0.180992	0.23018	0.129062	0.344263	0.261214
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	0	0.104607	0.263844	0.25778	0	0.493233
ENSMUSG Clpb	7.535967	7.720889	6.822924	7.296135	6.477837	7.62933
ENSMUSG Trim28	32.54148	30.14145	32.65564	28.31077	28.61542	29.79932
ENSMUSG Ppip5k2	5.314885	5.438737	5.168083	5.497075	6.194106	5.415528
ENSMUSG Rimklb	0.049004	0.040398	0.015767	0.026317	0.045557	0.023389
ENSMUSG Nrm	6.320709	4.73299	7.043231	6.398602	6.185681	6.784363
ENSMUSG Erc2	0.763134	0.873656	0.776798	0.411988	0.472182	0.362645
ENSMUSG Eif4a1	130.072	119.0968	125.3491	141.137	140.3868	149.66542
ENSMUSG Nat2	3.600613	3.522584	4.81698	3.667054	4.466033	3.792574
ENSMUSG Camk2n2	0.433011	0.911512	0.795348	0.721001	0.880245	0.882411
ENSMUSG Zc3h15	23.89852	24.11397	25.43926	27.78945	27.00702	26.112175
ENSMUSG Adnp	17.09627	13.38786	17.34139	18.98324	10.21981	18.525182
Mus_musc Mus_musc	0.227312	0	0.175881	0.258045	0	0
ENSMUSG Dbh	0	0	0	0.051687	0.03848	0.042674
Mus_musc Mus_musc	0.146192	0.359372	0.209442	0.074481	0.105075	0.131872
ENSMUSG Dlg3	9.495271	9.443138	8.33597	10.61831	9.649011	10.750664
ENSMUSG Gnb1l	1.302004	1.015694	0.96242	0.817374	0.597457	0.814269
ENSMUSG Tnfrsf11b	2.822273	2.257088	2.031011	3.131241	3.140247	3.049269
Mus_musc Mus_musc	0.569291	0.663415	0.705214	0.560006	0.291551	0.462245
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.1484	0.369867	0.376338	0.206142	0.190713	0.42207
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Htr4	0.011548	0	0	0	0	0
Mus_musc Mus_musc	1.036566	1.056979	1.398403	1.473743	1.116794	1.351573
Mus_musc Mus_musc	0.531074	0.433833	0.453719	0.216686	0.43854	0.398511
ENSMUSG Serpinb11	0	0	0	0.066467	0.042821	0
Mus_musc Mus_musc	16.31312	11.79226	15.98482	13.77844	14.52821	16.431221
Mus_musc Mus_musc	0	0	0.222085	0	0	0
ENSMUSG Lsm2	10.16499	8.018368	8.472904	6.393539	10.39491	10.068903
ENSMUSG Xirp2	0.057119	0.501715	0.057624	0.109997	0.06262	0.052304
ENSMUSG Gm17078	0	0	0	0	0	0
ENSMUSG Gm16430	0	0	0	0	0	0
ENSMUSG Zcchc14	16.6855	18.36384	16.31282	12.71096	13.10668	12.415165
ENSMUSG Nol4l	7.335289	6.388599	7.106977	5.400373	5.398285	5.397295
ENSMUSG Cracr2a	5.702118	5.245092	5.188788	8.407677	7.584755	8.332795
ENSMUSG Gm5108	0	0	0	0	0	0
Mus_musc Mus_musc	0.877353	0.969899	0.641205	0.497038	0.627914	0.134971
Mus_musc Mus_musc	0	0.271066	0.146697	0	0.13799	0.402629
Mus_musc Mus_musc	0.324302	0.432146	0.487714	0.431762	1.053162	0.453229
Mus_musc Mus_musc	0.637673	0.718938	0.981988	1.945662	2.512588	2.07094
Mus_musc Mus_musc	4.434549	5.010377	3.541767	4.095448	3.773366	6.193645
Mus_musc Mus_musc	0.137737	0.193849	0.078977	0.627128	0.413808	0.412394
Mus_musc Mus_musc	2.019443	2.09364	1.739405	1.633057	1.413899	1.250033
Mus_musc Mus_musc	0	0	0.138884	0.33571	0.063521	0
ENSMUSG Lta4h	17.80383	17.13187	17.11789	20.38529	20.29933	23.733562
ENSMUSG Ncapg	0.317454	0.235115	0.405293	1.528466	2.061549	2.61619
ENSMUSG Lcorl	3.221375	3.590061	2.973747	3.63678	3.715433	3.889355
ENSMUSG Slc39a13	13.29752	12.6434	15.8712	12.66246	12.8682	13.476257
ENSMUSG Rapsn	0.945809	0.986891	0.958455	0.67956	0.848627	0.909947
ENSMUSG Celf2	17.16334	18.95789	17.03691	17.29972	17.06025	17.377744
ENSMUSG Mybpc3	0.188348	0.91329	0.141057	0.676648	0.415046	0.293158
ENSMUSG Acp2	12.78197	10.75694	10.72486	13.62864	14.36513	15.201107
ENSMUSG Psmc3	59.36653	60.65086	65.63948	57.96817	56.5178	62.44122

ENSMUSG Ddb2	4.493488	5.780545	4.884048	4.388706	3.415176	4.456335
ENSMUSG Nr1h3	19.98018	23.26998	24.68021	17.76481	18.34317	17.860288
ENSMUSG Gm26938	0.035836	0.018984	0.178214	0.03629	0.21639	0.304515
ENSMUSG Gm10378	0	0	0	0	0	0
ENSMUSG Gm3543	0	0	0	0	0	0
ENSMUSG Nxph1	0.388528	0.559596	0.218215	0.428224	0.135957	0.330856
ENSMUSG Olfr46	0	0	0	0	0	0
ENSMUSG Vmn1r131	0	0	0	0	0	0
ENSMUSG H2-M2	0.154254	0.299947	0.538201	16.91338	19.38764	19.185112
ENSMUSG Gpn1	4.924466	4.55591	5.535282	4.674845	4.695245	4.219699
ENSMUSG Zfp938	3.134712	2.795814	3.003619	3.271823	2.815387	2.345692
ENSMUSG Stat4	1.838824	1.431552	2.887097	2.191075	1.94803	2.039174
Mus_musc Mus_musc	0.190173	0.699829	0.077586	0.15935	0.091136	0.157161
Mus_musc Mus_musc	0	0	0.052357	0	0	0
Mus_musc Mus_musc	0.501663	1.201904	0.608991	0.787182	1.061233	0.818107
Mus_musc Mus_musc	0	0	0.310043	0	0.254265	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.132491	0.105037	0.267033	0.250974	0.182733	0.094221
ENSMUSG Gm6401	0	0	0	0	0	0
Mus_musc Mus_musc	0.466778	0.248497	0.105996	0.221284	0.368573	0.163961
Mus_musc Mus_musc	0	0.088207	0	0.713732	0	0.448298
ENSMUSG 1700001J0	0	0	0	0	0	0
ENSMUSG Gm11239	0	0	0	0	0	0
Mus_musc Mus_musc	0.540161	0.367358	0.442743	0.096634	0.401089	0.69606
ENSMUSG Nanos2	0	0	0.024427	0	0	0
ENSMUSG Vac14	9.936477	8.336149	9.868375	9.899281	11.54098	11.847337
ENSMUSG Tlr11	0.931603	0.841366	1.218845	1.445703	0.984629	1.10025
ENSMUSG Cpsf3	14.82549	15.62124	14.47341	15.48297	13.64873	15.996171
ENSMUSG Eapp	9.625122	10.70198	10.59859	8.051295	8.46505	7.117932
ENSMUSG Cops3	22.72107	24.07056	22.58334	22.14766	21.49568	22.796577
ENSMUSG Calm3	114.2531	122.3073	121.2667	113.1576	126.7531	121.31359
ENSMUSG Gm3409	0	0	0	0	0	0
ENSMUSG Gm20852	0	0	0	0	0	0
ENSMUSG Vmn1r103	0	0	0	0	0	0
ENSMUSG Flii	48.03834	44.55071	45.68172	38.52034	38.86782	40.983303
ENSMUSG Top3a	3.994167	2.846547	3.57754	3.526846	3.068973	3.072303
ENSMUSG Rit2	0	0.016369	0	0	0	0
ENSMUSG Lypd3	0	0.026763	0	0	0.043928	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Gm49359	3.895616	4.135327	2.86483	3.883661	4.126137	3.867857
ENSMUSG Zbtb42	10.02988	10.79833	10.28729	9.394626	10.22274	10.779943
ENSMUSG Slc25a43	1.567211	1.651568	1.211444	1.30379	1.432288	2.848504
Mus_musc Mus_musc	0	0	0	0	0	0.243093
ENSMUSG Prune1	7.99942	6.963082	7.838503	7.055413	7.41671	7.915844
ENSMUSG Cers2	103.5973	103.0872	103.0425	87.57918	84.66826	90.398164
ENSMUSG Rps12-ps3	371.5042	334.8852	377.589	394.519	394.0832	419.9874
ENSMUSG Hist1h3h	0.137249	0.158402	0.092072	0.093782	0.585514	0.033611
ENSMUSG Gm14124	0.027413	0.028837	0	0.01724	0	0
ENSMUSG Gm14139	0.085855	0	0	0	0.030251	0.031977
ENSMUSG Gm14151	0	0	0	0	0	0
ENSMUSG Tcl1b4	0	0	0	0	0	0
ENSMUSG Gm14147	0	0	0	0	0	0
ENSMUSG Samd1	11.79447	11.45586	11.03877	8.389061	10.47242	11.128628
ENSMUSG 4930404H	0	0	0	0	0	0
ENSMUSG Pcnx3	12.77198	11.60331	12.92286	12.12412	11.68349	12.377193
ENSMUSG Tmem158	0.82747	0.891244	0.582988	1.231632	1.090929	1.008829
ENSMUSG Tmco5b	0	0	0	0	0	0
ENSMUSG 6-Sep	4.646112	3.818886	4.448201	5.908549	5.138863	5.843395
ENSMUSG Olfr180	0	0	0	0	0	0
ENSMUSG Gm8356	0	0	0	0	0	0
ENSMUSG Tex9	0.818457	0.931284	0.932312	1.502569	1.084474	1.726036
ENSMUSG Gm20721	0.056735	0.048136	0.04232	0.063709	0.02744	0.067847
ENSMUSG Ctnnbp2	1.995062	1.892918	1.824393	1.343972	1.459741	1.299944
ENSMUSG Zfp236	9.377591	10.65407	7.878356	8.627968	9.774565	8.932429

ENSMUSG A930033H	0.305511	0.387151	0.382368	0.098584	0.389796	0.179968
ENSMUSG Snx21	13.02863	14.08902	13.79262	9.591061	9.957354	10.106849
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	1.452944	1.483149	1.211429	0.772597	1.222365	1.041299
Mus_musc Mus_musc	0.338966	0.505939	0.312369	0.081528	0.46557	0.473997
ENSMUSG Lrch4	5.744548	3.001366	12.33423	5.362622	7.786294	7.471501
ENSMUSG Gm21320	0	0	0	0	0	0
Mus_musc Mus_musc	0.461075	0.320647	0.272781	0.201533	0	0.350733
ENSMUSG Olfr892-ps	0	0	0	0	0	0
ENSMUSG Cmtm1	0	0	0	0.090963	0	0
Mus_musc Mus_musc	0.074349	0.223197	0.193716	0	0	0
Mus_musc Mus_musc	0.902213	0.902537	0.508409	0.13214	0.079417	0.202858
Mus_musc Mus_musc	0.284798	0.358019	0	0	0.094792	0
Mus_musc Mus_musc	0.532172	0.832248	0.844331	1.487964	0.407012	1.27672
ENSMUSG Hspa1a	12.84126	55.73718	63.24224	7.99168	13.94237	47.091724
ENSMUSG Tmem207	0	0	0	0	0	0
ENSMUSG Gm9048	0.754185	0.435703	0.439882	0.271354	0.416143	0.272055
ENSMUSG Nup155	3.530389	3.775474	3.620335	3.409145	3.65859	3.661719
ENSMUSG Nipbl	17.70325	17.34028	14.75592	15.40132	16.16692	15.029493
ENSMUSG Osmr	14.64153	13.8102	13.67199	10.92095	10.71115	10.678299
ENSMUSG Gdnf	3.425458	2.040377	2.922081	1.305832	1.304814	1.61356
ENSMUSG C9	0	0	0	0	0	0
ENSMUSG Fyb	6.37437	5.43069	11.59168	10.75596	9.386229	9.510635
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Cdon	3.03422	3.527943	2.071108	2.432438	2.158528	2.714908
ENSMUSG Phf20	10.52058	10.62865	10.42338	9.890531	10.2947	10.445113
ENSMUSG Ano2	0	0	0	0.01221	0.033912	0.092586
ENSMUSG AW551984	0.154025	0.296613	0.023571	0.164977	0.111689	0.117599
Mus_musc Mus_musc	0.201194	0	0.09742	0.116011	0	0
Mus_musc Mus_musc	0.387601	0.258908	0.202626	0.027696	0.297491	0.254827
Mus_musc Mus_musc	0.242778	0	0	0	0	0
ENSMUSG Ccdc157	9.817756	10.07683	8.941086	7.930816	7.55779	7.268868
ENSMUSG Olfr1184	0	0	0	0	0	0
Mus_musc Mus_musc	0.331704	0.701268	0.236364	0.929249	0.585425	0.74456
ENSMUSG Foxi2	0	0	0	0	0	0
Mus_musc Mus_musc	1.482846	1.4315	1.155296	1.193315	0.701969	0.482112
Mus_musc Mus_musc	0.122866	0.159826	0.150341	0.210277	0.104883	0.289109
ENSMUSG Rnf8	4.05595	4.847661	4.230645	3.5046	4.004782	4.797224
ENSMUSG SrpX	3.209315	2.270948	3.252856	3.04996	3.098806	3.107175
ENSMUSG Lurap1	2.618307	2.960383	2.214617	2.740978	2.516683	2.739399
ENSMUSG Atp2a3	116.8909	103.908	93.68717	71.28462	76.31006	76.210347
ENSMUSG P2rx1	1.077248	0.718786	1.082523	3.14764	2.602654	3.244669
ENSMUSG Camkk1	5.397254	4.746091	5.611774	4.025496	4.612048	4.708476
ENSMUSG Ncbp3	2.998312	3.490974	3.224077	3.00438	3.025007	3.098965
ENSMUSG Llgl2	20.60654	18.8365	20.54995	17.80245	17.09051	18.864067
ENSMUSG Tsen54	6.133188	6.93316	6.856508	6.406318	5.795137	6.901311
ENSMUSG Srp68	29.47244	29.18421	27.95751	27.34891	29.18404	28.553508
ENSMUSG Oxld1	3.926679	3.229015	3.948063	5.232995	4.621643	4.42359
ENSMUSG Ifitm1	31.04023	39.93145	34.02276	51.19782	49.76799	42.495175
ENSMUSG Ifitm3	283.315	263.3949	517.5791	263.5197	196.4451	216.62911
ENSMUSG Sigirr	16.37191	16.6204	19.73325	14.94464	13.40805	11.951814
ENSMUSG Ptdss2	5.654364	5.156681	5.628734	5.868832	5.98309	6.392065
ENSMUSG Drd4	0.019011	0	0	0.050172	0	0.029612
ENSMUSG Cdhr5	0.049441	0.189305	0.022493	0.217175	0	0.039038
ENSMUSG Irf7	11.86439	7.37012	24.93088	9.673396	8.838101	9.041267
ENSMUSG Hras	25.23063	22.47048	27.67918	19.94295	18.55309	21.491651
Mus_musc Mus_musc	0	0.117694	0.175101	0.330088	0.24349	0
Mus_musc Mus_musc	0	0	0	0.26037	0	0
Mus_musc Mus_musc	0.074759	0.295073	0.103513	0	0	0
Mus_musc Mus_musc	0.196426	0.171876	0	0	0	0.079759
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Rusc2	31.9342	31.83486	31.12371	17.64131	18.11361	16.676985
ENSMUSG Gm20773	0	0	0	0	0	0

ENSMUSG Olfr968	0	0	0	0	0	0
ENSMUSG Vmn1r88	0	0	0	0	0	0
ENSMUSG Gm10324	0	0	0	0	0	0
ENSMUSG Apex1	3.757817	5.473649	4.474322	5.584745	4.507412	6.115585
ENSMUSG Odf3l2	0	0	0	0	0	0
ENSMUSG Tmem59l	2.510995	1.906356	1.757571	2.252756	1.376089	1.732537
ENSMUSG Ints6l	7.587971	9.613036	9.236559	9.898008	7.875091	8.625422
ENSMUSG Cth	3.461022	3.653006	3.197082	3.651319	3.121876	3.72518
ENSMUSG Tacr3	0	0	0	0	0	0
ENSMUSG Wls	55.10197	55.93484	52.41912	46.06069	45.89908	45.939721
ENSMUSG Rpe65	0	0	0	0.014104	0	0
ENSMUSG Depdc1a	0.067902	0.071095	0.097966	0.246492	0.810328	0.62361
ENSMUSG Lrrc7	0	0	0	0	0	0
ENSMUSG Gm49391	0.488286	0.433491	1.008672	0.362028	0.323746	0.331827
ENSMUSG E130309Dl	10.67802	11.01875	11.081	9.499485	9.516236	10.591793
ENSMUSG Lyplal1	2.094322	2.062786	1.578879	1.874147	2.711712	2.286279
Mus_musc Mus_musc	0.562415	0.685445	0.546092	0.687456	1.064744	0.693862
ENSMUSG B3galnt2	12.401	13.52863	13.50384	11.38935	10.75476	10.924614
ENSMUSG Trem2	3.052227	3.333053	4.090483	42.58495	38.15467	49.487208
ENSMUSG Sesn3	5.950253	7.249517	6.183035	8.203531	7.490343	8.389783
ENSMUSG Olfr1355	0	0	0	0	0	0
ENSMUSG Olfr298	0	0	0	0	0	0
ENSMUSG Gm3115	0	0	0	0	0	0
ENSMUSG Fxr2	27.61662	28.01785	29.77991	21.64363	24.02616	22.057693
ENSMUSG Mpdu1	24.39807	22.33896	22.15769	29.16889	25.70432	25.917014
ENSMUSG Gm10722	0	0	0	0	0	0
ENSMUSG Naa35	8.626002	10.35822	9.857023	10.34655	9.623371	9.413864
ENSMUSG Agtpbp1	5.932091	7.581792	6.456183	5.873065	6.793254	6.1039
ENSMUSG Golm1	12.0757	15.60293	12.11401	18.79192	20.51789	21.57076
ENSMUSG 2210016F1	10.29785	7.774385	7.24709	8.379136	10.1975	9.630478
ENSMUSG Slc28a3	0.211911	0.241766	0.160039	0.219865	0.260969	0.192185
ENSMUSG Gkap1	13.36277	12.60131	15.5145	8.905647	11.33145	10.033767
ENSMUSG Olfr881	0	0	0	0	0	0
ENSMUSG Dapk1	23.39738	27.45067	23.05632	29.90505	30.1078	32.37556
ENSMUSG H2-Eb1	115.8532	116.5307	288.9691	381.0913	289.2892	350.88895
ENSMUSG Yap1	37.69272	38.67677	34.94171	25.82711	25.44433	25.314789
ENSMUSG Fank1	1.270713	2.130415	1.225799	2.540601	2.010203	2.323146
ENSMUSG Socs3	17.57236	13.92934	16.29456	15.77158	12.42316	15.146364
ENSMUSG Chmp3	50.19838	47.58717	49.98468	36.99892	39.60945	39.926726
ENSMUSG Uchl5	7.318867	8.403401	8.115911	7.540758	10.11649	8.297818
ENSMUSG Zfp989	0	0	0	0	0	0
ENSMUSG Pik3cd	9.340265	7.00344	12.54816	14.39667	13.74559	14.079888
ENSMUSG Gsap	19.80699	17.64516	18.58054	20.09696	18.93662	19.772542
ENSMUSG Ddx43	0.17457	0.178291	0.319654	0.222823	0.134753	0.220239
ENSMUSG Kctd1	3.392155	3.654965	2.258649	3.209559	4.499608	3.622492
ENSMUSG Ska1	0.081828	0	0.136529	0.477473	0.390285	0.648845
ENSMUSG Olfr666	0	0	0	0	0	0
ENSMUSG Olfr1410	0	0	0	0	0	0
ENSMUSG Trcg1	0.055484	0.012397	0.018764	0	0.008571	0.037915
ENSMUSG Bcl2a1c	0.12366	0.076112	0	0	0	0
ENSMUSG F2rl2	0.65052	0.451148	0.618352	0.658229	0.432183	0.513469
ENSMUSG Lclat1	9.580438	9.075551	8.845476	10.85422	11.17152	11.395033
ENSMUSG Adal	6.379399	7.377764	6.921735	5.576156	5.241674	6.141909
ENSMUSG Prr23a2	0	0	0	0	0	0
ENSMUSG S100z	0	0.751436	0.324747	0	0	0.614416
ENSMUSG Lrp4	20.64472	20.06507	21.14444	13.25892	15.2585	14.429613
ENSMUSG Map1a	1.267471	1.13157	1.141951	1.171935	1.4958	1.505011
ENSMUSG Arfgap2	24.4064	25.04009	25.15599	22.80163	21.29753	20.480066
ENSMUSG Phlda1	28.14095	26.94102	29.19631	19.15821	20.08375	26.788799
ENSMUSG Cysltr2	1.02714	0.528835	0.871008	0.767435	0.838043	1.189994
ENSMUSG Anapc7	9.548757	9.657662	10.29178	9.065023	9.561154	10.512338
ENSMUSG Tomm6	23.88453	37.3096	31.89912	33.7495	35.71126	38.577082
ENSMUSG Gm6408	0	0	0	0	0	0
ENSMUSG Esp16	0	0	0	0	0	0

ENSMUSG Fam160b1	12.18278	11.36432	11.50157	10.21316	9.845518	10.47071
ENSMUSG Gm10666	0	0	0	0	0	0
ENSMUSG Rpl9-ps6	87.39257	124.6674	88.04661	93.19664	88.22955	102.03724
ENSMUSG Vps29	20.36769	20.74409	21.27065	19.34249	20.62911	19.651175
ENSMUSG Ephx3	0.750284	0.510273	0.878317	0.40799	0.579929	0.466031
ENSMUSG Mcrs1	22.79714	20.35373	20.56531	18.98223	19.45774	18.288203
ENSMUSG Wdhd1	0.89117	0.878204	0.920257	1.436291	1.563165	1.473218
ENSMUSG Tob1	24.76846	24.25083	21.37065	15.9005	16.98101	18.787479
ENSMUSG Pkd2l1	0.013475	0	0.034744	0	0	0
ENSMUSG Kcnh3	0.392791	0.69193	0.513478	0.594205	0.612531	0.713637
ENSMUSG Rab23	4.90423	5.139785	3.881799	3.863122	3.687519	3.735766
ENSMUSG Hnrnpul2	47.61771	43.13137	44.45652	41.07794	42.12442	40.785156
ENSMUSG Gng3	0.098803	0.093292	0	0.194364	0.054622	0.088146
ENSMUSG 1810009A:	14.1272	13.22575	14.35056	15.41006	13.68335	15.943706
ENSMUSG Ints5	7.214639	7.064878	7.447657	7.125742	6.571626	7.815581
ENSMUSG Plekhh2	43.43853	44.70355	43.163	46.04479	47.61251	50.516729
ENSMUSG Ganab	44.18885	41.38496	45.83536	45.88471	47.0178	48.581028
ENSMUSG Bscl2	26.61226	22.21569	22.94433	31.24616	28.67038	31.838177
ENSMUSG Cfc1	0	0	0	0	0	0
ENSMUSG Imp4	7.718893	7.657801	7.772435	5.905029	5.957727	7.692014
ENSMUSG Uqcc3	18.30755	18.08677	21.5144	20.22751	15.59388	17.832739
ENSMUSG Dhx16	17.70931	15.21078	18.33257	14.57363	16.20074	16.54472
ENSMUSG Gtf2i	50.38487	50.3723	48.92608	44.14052	43.35711	43.930551
ENSMUSG Rhbdd3	2.65679	2.559659	3.25001	3.461074	2.766221	3.147515
ENSMUSG Rnf43	4.248284	4.410185	3.647333	3.652861	3.222127	3.549481
ENSMUSG Faah	8.015076	7.064316	6.750862	7.469761	6.560647	6.859193
ENSMUSG Zbed5	3.256898	3.810228	4.021284	4.252747	2.316349	1.553757
ENSMUSG Lmbrd1	23.57917	23.12961	22.07723	18.66767	19.70035	18.800846
ENSMUSG Pramel4	0	0	0	0	0	0
ENSMUSG Pramef20	0	0	0	0	0	0
ENSMUSG Gm13102	0	0	0	0	0	0
ENSMUSG 4931408C:	0	0	0	0	0.035626	0
ENSMUSG Arfip1	26.45521	26.83748	24.2266	25.98207	23.85235	25.7709
ENSMUSG Zfp971	5.091099	6.064224	4.39563	6.475368	6.056633	6.66609
ENSMUSG Ctu2	3.820187	3.20089	4.602004	3.379477	3.050821	3.597664
ENSMUSG B2m	1074.136	965.5422	2288.593	1961.243	1470.321	1593.1563
ENSMUSG Gstp1	114.1522	116.127	112.6961	93.51573	82.00507	92.970291
ENSMUSG Abcf3	15.80641	15.64029	14.91497	14.16293	13.91939	14.031454
ENSMUSG Eif2b5	19.90818	17.19261	18.12495	15.47581	16.00266	17.200854
ENSMUSG Dvl3	10.63163	14.47527	12.49884	10.79519	11.42825	14.097076
ENSMUSG Asphd1	0	0.045009	0.036346	0	0.026185	0.076716
ENSMUSG Gm10260	256.8253	253.1166	275.8111	317.4712	287.0747	349.81812
ENSMUSG Tuft1	9.66801	9.867032	11.31782	8.142038	7.74857	9.271986
ENSMUSG Zfp646	12.7812	13.92506	12.22639	12.11657	11.54786	13.609668
ENSMUSG Olfr1361	0	0	0	0	0	0
ENSMUSG Trex1	4.309719	4.150314	9.209766	5.779856	5.758037	6.465589
ENSMUSG Tom1	8.566494	9.284123	9.941787	9.858234	7.246332	9.376681
ENSMUSG Lhfpl4	0.491521	0.40612	0.244934	0.518834	0.704299	0.644518
ENSMUSG D930007J:	0	0	0	0	0	0
ENSMUSG 9430007A:	0	0	0	0	0	0
ENSMUSG Pramef12	0.091723	0.016435	0.114959	0.073922	0.043258	0.106024
ENSMUSG Pcdha11	0.048844	0.259051	0.041032	0.042524	0.050945	0.061671
ENSMUSG G6pc3	12.79935	11.20343	10.43092	10.9332	11.80547	11.178511
ENSMUSG Gna15	2.894506	3.143953	3.15524	6.455982	6.459394	7.144305
ENSMUSG Ccdc122	0.785558	0.637501	0.381751	0.689353	0.821512	1.079279
ENSMUSG Cpne7	0.119402	0.125621	0.67706	0.54712	0.312581	0.525405
ENSMUSG Unc13a	0.564556	0.653332	0.820645	0.676045	0.685535	0.677916
ENSMUSG Lce3d	0	0	0	0	0	0
ENSMUSG Crybb1	0	0	0.042521	0.155865	0.102236	0.243493
ENSMUSG Tpst2	52.08123	50.15945	59.50512	40.83109	40.6128	37.378701
ENSMUSG Tfip11	14.99504	14.59758	13.49401	11.74803	13.73686	13.197711
ENSMUSG Srrd	3.269634	2.898425	3.123089	2.833356	3.331098	4.179564
ENSMUSG Asphd2	0.042128	0	0.029838	0.032035	0.096414	0.020633
ENSMUSG Ccdc106	0.098374	0.337784	0.176001	0.646686	0.271862	0.564474

ENSMUSG Ifi35	29.10505	26.33405	44.23248	26.06041	24.33376	25.751154
ENSMUSG Rims4	0.011368	0.034426	0.010214	0	0.050266	0.008395
ENSMUSG Spcs2	39.39059	39.23138	45.12806	56.64413	57.24294	53.735859
ENSMUSG Hoxc4	0.23933	0.113131	0.123699	0.208679	0.187856	0.14563
ENSMUSG A630010A	0	0	0	0	0	0
ENSMUSG Elp1	4.925951	3.824941	3.346334	4.279945	4.060937	3.639183
ENSMUSG Nol6	7.475139	6.456814	7.27061	7.407794	6.886365	7.541664
ENSMUSG Ubap2	14.6421	14.43789	14.40611	12.79805	13.41396	14.650804
ENSMUSG Aqp3	0.260474	0.813337	0.408893	1.866804	1.807901	1.400129
ENSMUSG Epb41l4b	26.48691	28.49421	23.13948	14.84673	16.42916	14.347796
ENSMUSG Ubap1	13.51591	13.99187	14.35395	14.30648	12.39325	14.16831
ENSMUSG Dcaf12	21.38969	20.33235	20.69522	18.78596	18.37298	18.890221
ENSMUSG Fam219a	16.23551	14.42279	16.54879	9.986525	10.50624	10.314501
ENSMUSG Kif24	0.667361	0.418453	0.527423	0.789062	0.697335	1.080925
Mus_musc Mus_musc	0	0	0	0.190034	0	0
ENSMUSG Gm13030	0	0	0	0	0	0
ENSMUSG Emc1	6.606177	6.42252	7.048017	6.431006	6.066992	7.098314
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0.138601	0	0.35035	0.521521	0
ENSMUSG Gm13088	0	0	0	0	0	0
ENSMUSG Pramef6	0	0	0	0	0	0
Mus_musc Mus_musc	0.193396	0	0	0.340833	0.309733	0.09853
Mus_musc Mus_musc	0.386423	0	0	0.199903	0	0.22833
ENSMUSG Impdh1	70.64778	72.1496	83.86233	42.78577	43.77827	43.888062
ENSMUSG Ivns1abp	73.00823	60.23213	53.58569	50.23966	49.0962	50.259721
ENSMUSG Olfr620	0	0	0	0	0	0
ENSMUSG Gm49355	0.120912	0.27739	0.12505	0.08567	0.164256	0.167047
ENSMUSG Lama1	0.010659	0.033693	0.025608	0.037339	0.069966	0.062124
ENSMUSG Lsm11	1.860034	1.584031	1.472386	1.322393	1.529124	1.538368
ENSMUSG Tmem147	29.36102	25.4226	26.26676	29.15744	26.90577	29.360709
ENSMUSG Zbtb32	3.007902	2.57762	2.63887	3.998449	3.214621	3.934672
ENSMUSG Etv2	0	0	0	0	0	0
ENSMUSG Upk1a	3.253235	2.22277	2.374057	0.429101	0.21599	0.590277
ENSMUSG Nipsnap3t	13.64915	12.44281	13.26476	15.6258	15.33933	15.316891
ENSMUSG Gm15517	0	0	0	0	0	0
ENSMUSG Tmem170l	6.214188	7.250884	7.122075	6.604401	6.214441	6.734437
ENSMUSG Dyrk3	1.223363	1.243545	0.842502	1.287247	1.784818	1.99735
ENSMUSG Olfr178	0	0	0.022252	0	0	0
Mus_musc Mus_musc	0	0	0.218803	0	0.118089	0
ENSMUSG Slc6a11	0	0	0	0	0	0
ENSMUSG Anp32a	87.47913	98.03153	96.04089	76.32673	70.30015	67.745349
ENSMUSG Gm1110	0	0	0	0	0	0
ENSMUSG Plin3	17.43713	16.72736	15.01395	17.69415	18.73823	18.916357
ENSMUSG Cuta	33.41845	31.79743	34.18414	35.83656	35.11734	33.551361
ENSMUSG Calml4	6.888775	7.458977	6.368481	6.397189	4.943197	4.625965
ENSMUSG Rpl39	74.32221	75.26326	84.68942	98.82239	85.61412	93.100189
ENSMUSG Itga11	0.24676	0.324674	0.20732	0.195764	0.087617	0.270664
ENSMUSG Bnip1	6.082466	5.511133	6.854739	7.4689	8.454424	7.283942
ENSMUSG Lnx2	11.01587	12.33396	9.842486	8.132497	9.107428	8.366105
ENSMUSG Pik3cg	2.996681	3.128595	3.749657	7.28102	7.390179	7.931401
ENSMUSG Olfm5	0	0	0	0	0	0
ENSMUSG Krtap21-1	0	0	0	0	0	0
ENSMUSG Gmpr	8.689275	8.138593	7.476869	5.483712	5.576193	6.464121
ENSMUSG Fkbp5	23.52304	17.5853	25.73285	8.116717	11.39718	9.546648
ENSMUSG Armc12	0	0	0	0	0	0
ENSMUSG Clpsl2	0	0	0	0	0	0
ENSMUSG Clps	0	0	0	0	0	0
ENSMUSG Pdzph1	0	0	0	0	0	0
ENSMUSG Nudt12	2.432586	2.772285	2.126165	1.938096	2.346182	1.914705
Mus_musc Mus_musc	0	0.207916	0	0.112268	0	0
Mus_musc Mus_musc	4.77116	10.82933	10.28241	12.73444	9.542922	4.874622
Mus_musc Mus_musc	0	0	0	0	0	0.368372
Mus_musc Mus_musc	0.61379	0.678447	0.592075	0.745895	0.617068	0.464985
Mus_musc Mus_musc	0.121471	0.100341	0	0	0.186692	0

ENSMUSG Coro2b	22.37423	19.69096	22.30258	13.99931	15.45258	14.161634
ENSMUSG Pi4ka	14.35966	14.61826	13.47164	16.2843	16.84168	17.51333
ENSMUSG Khdc1c	0	0.096424	0.038544	0.070465	0.040697	0
ENSMUSG Wdr83	13.32176	13.48279	13.40776	11.92002	10.87546	11.995492
ENSMUSG Lrrc49	4.919329	4.031006	3.843819	3.865937	4.028386	3.803791
ENSMUSG Atg16l2	3.610006	3.316884	4.909187	4.519087	5.065828	3.768713
ENSMUSG Olfr913	0	0	0	0	0	0
ENSMUSG Mtfmt	3.983053	3.382109	4.418841	3.865638	4.137403	3.907601
ENSMUSG Skap2	20.62753	23.86368	22.44276	23.88623	23.59602	24.634489
ENSMUSG Fam19a1	0.824175	0.60192	0.637644	0.219447	0.358265	0.208031
ENSMUSG Supt20	16.23262	15.88678	15.86055	14.27316	15.20313	14.551752
ENSMUSG Postn	97.1022	95.13019	129.8272	81.66864	89.02197	77.572898
ENSMUSG Exosc8	8.049279	7.967774	10.07313	9.298934	7.95008	9.0933
ENSMUSG Dsg3	0	0	0	0	0	0
ENSMUSG Serhl	7.596253	8.17078	7.162053	7.675451	7.00841	7.282682
ENSMUSG Tmod3	73.57607	72.50734	71.06868	54.68027	54.35456	53.083897
ENSMUSG Anks1b	0.077398	0.078177	0.028569	0.051275	0.037023	0.041321
ENSMUSG Anp32b	55.75462	58.81468	66.21984	60.79242	59.36133	57.970093
ENSMUSG Fam180a	2.516062	2.946288	1.751004	1.517278	2.065996	1.937625
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.102145	0.377053
ENSMUSG Shmt2	10.86043	9.482408	11.09208	14.45135	14.96622	14.318896
Mus_musc Mus_musc	0	0.232676	0	0.250898	0.449191	0
Mus_musc Mus_musc	0.068398	0.067694	0	0.073495	0	0.175654
Mus_musc Mus_musc	0	0	0	0	0	0.184893
ENSMUSG Psap	355.777	319.2581	393.405	1193.948	1281.627	1539.2023
ENSMUSG Olfr283	0	0	0	0	0	0
ENSMUSG Snx32	1.430439	1.412304	1.988532	1.196282	0.891489	1.485839
Mus_musc Mus_musc	0.194725	0	0.188831	0.094503	0.383962	0.114971
Mus_musc Mus_musc	0.239349	0.687647	0.218284	0	0	0.393899
Mus_musc Mus_musc	0.295899	0.40825	0.449911	0.139746	0.199861	0.2616
Mus_musc Mus_musc	0	0	0.174068	0.058358	0	0
ENSMUSG Obox3	0	0	0	0	0	0
ENSMUSG Irs3	0.961479	0.98581	0.773477	0.595914	0.374503	0.870891
ENSMUSG Neurl3	9.155285	5.978492	12.42581	15.59342	12.64069	16.475764
ENSMUSG Samd14	2.711608	2.805354	2.699491	2.756881	2.917642	3.035187
ENSMUSG Rab2a	66.31131	66.93311	63.64865	50.07636	54.97236	51.560314
ENSMUSG Actl7b	0.0098	0	0.149683	0	0	0
ENSMUSG Lipo5	0	0	0	0	0	0
ENSMUSG Pmpca	16.05965	17.0777	15.85634	16.14165	15.25421	15.650841
ENSMUSG Olfr738	0	0	0	0	0	0
ENSMUSG 1600014C;	0	0	0	0	0	0
ENSMUSG Gm21953	0.954762	0.741329	0.711517	0.508062	0.750893	0.351396
Mus_musc Mus_musc	0.21017	0.262012	0.268128	0.577691	0.315912	0.37159
Mus_musc Mus_musc	0	0	0	0.211846	0	0
Mus_musc Mus_musc	0	0.181722	0	0	0	0
Mus_musc Mus_musc	0.357632	0.263011	0.077363	0.270223	0.326824	0.39052
Mus_musc Mus_musc	0.707312	0.615694	0.587053	0.257834	0.530206	0.267684
Mus_musc Mus_musc	0	0.229571	0.07167	0.129068	0	0
Mus_musc Mus_musc	0	0	0	0.059868	0	0.347673
Mus_musc Mus_musc	1.485393	2.089254	1.706305	2.296002	2.4251	2.3969
Mus_musc Mus_musc	0.460898	0.225208	0.179762	0.519001	0.541077	0.526493
Mus_musc Mus_musc	0.412289	0.148242	0.20569	0.561504	0.247374	0.11925
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Vmn1r8	0	0.038164	0	0	0	0
ENSMUSG Olfr635	0	0	0	0	0	0
ENSMUSG Ankrd37	4.497136	6.663581	5.279061	2.484363	3.467975	3.726052
ENSMUSG Fgf4	0	0	0	0	0	0
ENSMUSG Cdr2l	7.165522	8.463822	7.069507	6.464512	5.505005	6.55479
ENSMUSG Stk19	7.983657	9.666194	12.25922	9.123531	9.977877	9.430423
ENSMUSG Tmem123	81.82463	78.18651	73.32849	82.08387	90.74998	89.551918
ENSMUSG Taok1	13.74298	14.48212	11.69613	11.2495	10.83997	10.154729
ENSMUSG Gm10772	0	0	0	0	0	0

ENSMUSG Col6a5	0.322522	0.303519	0.254786	5.032597	8.067134	6.012018
ENSMUSG Dnrtip1	10.943	11.28399	10.76655	10.19965	10.80821	10.563137
ENSMUSG Nit1	12.39353	12.18006	12.4016	13.61894	13.43375	14.49928
ENSMUSG Trim36	1.773571	1.302271	1.29069	1.041684	1.27582	1.442272
ENSMUSG Zswim5	1.133545	1.463837	1.011892	0.806703	1.1706	1.127489
ENSMUSG Olfr541	0	0	0	0	0	0
ENSMUSG Lym2	19.30396	18.30307	17.34526	18.62834	16.11556	17.522053
ENSMUSG Tg	0.305846	0.320483	0.320582	0.47564	0.313113	0.462157
ENSMUSG 1810046K	0.256225	0	0.149197	0.099023	0.241085	0.250845
ENSMUSG Gm17190	0	0	0	0.07194	0	0
ENSMUSG Parp2	10.94065	10.89912	10.35387	9.769031	8.921672	9.339352
ENSMUSG Fam122b	2.63613	2.633339	2.453845	3.989535	3.589121	3.366097
ENSMUSG Ggcx	15.24458	13.34539	13.61042	15.19059	14.45045	16.094467
ENSMUSG Hhipl2	0	0.072113	0.079952	0	0.161628	0.02947
ENSMUSG Hs6st3	0.836564	1.055501	0.508589	0.813841	1.217654	0.953822
ENSMUSG Brk1	76.61558	74.70943	76.76752	75.88097	77.11809	77.0028
ENSMUSG Krtap29-1	0	0	0	0	0	0
ENSMUSG Krtap9-5	0	0	0	0	0	0
ENSMUSG Gm11565	0	0	0	0	0	0
ENSMUSG 2300003K	0	0	0	0	0	0
ENSMUSG Zfp991	2.308567	2.272557	1.412146	4.310178	4.001998	4.668514
ENSMUSG Krtap17-1	8.920498	3.152133	3.370413	0.626778	0.516409	0.478255
ENSMUSG Krtap16-1	0	0	0	0	0	0
ENSMUSG Rex2	0	0	0	0	0	0.01276
ENSMUSG Gm11564	0	0	0	0	0	0
ENSMUSG Gm11554	0	0	0	0	0	0
ENSMUSG Mbd5	4.998538	5.305214	4.799718	4.531321	4.628467	4.639771
ENSMUSG Slitrk2	0	0.004926	0	0	0	0
ENSMUSG Gm13289	0	0	0	0	0	0
ENSMUSG Olfr611	0	0	0	0	0	0
ENSMUSG Mrp123	26.11146	27.63552	30.71261	27.03069	26.21882	23.236933
ENSMUSG Pced1a	4.143146	3.673608	4.452579	4.517426	4.974213	4.962075
ENSMUSG Slc32a1	0.040336	0	0	0	0	0.019755
ENSMUSG Skp2	1.178439	1.120278	1.395254	1.458649	1.67686	1.771776
ENSMUSG Zdhhc25	0	0	0	0	0	0
ENSMUSG E130116L1	0.155141	0	0	0	0.404232	0.39071
ENSMUSG Gm3854	0.12391	0.131712	0.140074	0.044241	0.109547	0.093467
ENSMUSG Gm5737	0	0.027538	0	0.091386	0	0.08717
ENSMUSG Olfr410	0	0	0	0	0	0
ENSMUSG Gm4565	0	0	0	0	0	0
ENSMUSG Gm20814	0	0	0	0	0	0
ENSMUSG Adat3	0.90401	0.357284	1.181616	0.252797	0.371814	0.311194
ENSMUSG Gm19426	1.262867	0.544971	1.312783	1.01797	0.622308	0.897083
ENSMUSG Rbm44	0	0	0	0.006597	0	0
ENSMUSG Rab11b	29.8375	26.72559	28.20197	24.1995	23.52571	22.75007
ENSMUSG Ccdc12	35.80544	37.16754	43.12468	36.69399	37.04385	39.872037
ENSMUSG Cplx2	3.893436	3.349087	2.778054	2.581899	2.786482	2.489691
ENSMUSG Xiap	36.4491	34.42233	30.84474	28.19894	26.1139	25.555894
ENSMUSG Stag2	37.21313	36.63783	29.84509	27.92489	27.83034	26.567561
ENSMUSG Nop16	6.863649	5.906313	7.758156	7.686708	7.579424	8.849751
ENSMUSG Higd2a	44.45928	52.33263	51.36832	50.89556	52.0065	53.677219
ENSMUSG Gm14632	0	0	0	0	0	0
ENSMUSG Nup153	15.8249	16.13538	14.28452	15.87599	15.10083	14.41655
ENSMUSG Gm10488	0	0	0	0	0	0
ENSMUSG Tpm1	0.761027	1.02434	0.962805	1.027897	1.219291	1.185512
ENSMUSG Mcur1	7.889303	8.352153	7.668588	8.079399	8.620828	7.779651
ENSMUSG Cap2	1.140417	1.551562	1.272319	1.271447	1.060799	1.036758
ENSMUSG Id4	3.757796	3.492445	2.398332	3.008459	3.110351	2.507498
ENSMUSG Dmrtc1a	0.263712	0.158393	0.303868	0.167457	0.17756	0
Mus_musc Mus_musc	3.301718	2.585597	1.129647	53.09071	90.41155	132.56946
Mus_musc Mus_musc	0.325026	0.438622	0.670133	33.03523	48.90919	27.776138
ENSMUSG Rps4x	451.7539	449.0467	464.5771	442.1733	457.5632	448.99387
ENSMUSG Chic1	1.356095	1.059304	1.713047	0.671879	0.684294	0.783422
Mus_musc Mus_musc	0	0.16676	0.267654	77.96413	1.287355	98.186089

Mus_musc Mus_musc	0.430587	0	0.211056	22.96307	0.713657	0.549029
Mus_musc Mus_musc	0.407721	0.95656	0.129288	7.903541	64.41705	6.264246
ENSMUSG Tsx	0	0.04926	0.174137	0.084606	0	0
ENSMUSG Flna	86.52328	76.3628	83.61831	81.68505	86.54115	92.269589
Mus_musc Mus_musc	1.067193	0.530298	0.469725	11.91459	103.6189	314.33356
Mus_musc Mus_musc	8.033013	5.958405	1.833567	1084.536	1592.725	709.9068
ENSMUSG Cks2	3.113523	5.244174	4.024928	6.968944	6.404465	7.496274
ENSMUSG Olfr170	0	0.122315	0.050279	0	0	0.042392
ENSMUSG Noxa1	0.981258	0.755532	0.62095	1.772373	2.622827	2.052377
ENSMUSG Fam135b	0.003018	0.003938	0	0	0	0.002956
ENSMUSG Add1	73.79347	71.31927	70.47945	59.81482	57.31355	60.815133
ENSMUSG Htt	5.509072	5.650253	4.642222	5.632516	6.156079	6.430286
ENSMUSG Usp1	12.2061	12.51062	12.37236	11.60161	12.94741	11.595716
ENSMUSG Hgfac	1.230256	0.876635	1.500798	1.962637	1.445701	1.919512
ENSMUSG Lrpap1	49.15707	49.30988	50.48663	47.07183	44.73138	48.953072
ENSMUSG Rgs12	35.72506	35.41357	41.99928	20.53082	20.4383	18.077744
ENSMUSG Pcdh7	1.664854	1.61879	0.924557	1.688394	2.061397	1.641809
ENSMUSG Dop1a	7.332174	7.946416	5.78683	6.00763	5.641805	5.049216
ENSMUSG Slc4a3	2.14925	2.842321	2.040864	2.119341	1.463862	1.854835
ENSMUSG Gabra6	0	0	0	0	0	0
ENSMUSG Igfbp1	0	0	0	0	0	0
ENSMUSG Tns3	62.55038	59.08688	59.0294	48.30635	46.48423	46.887505
ENSMUSG Btg2	105.2012	70.5136	73.61157	47.19923	56.82948	52.729912
ENSMUSG Zfp607a	1.843583	2.253375	2.182872	2.487045	1.727169	1.573034
ENSMUSG Igfbp3	20.22506	24.08534	26.82017	10.56743	8.870883	11.208227
ENSMUSG Castor1	8.618923	6.081687	7.263396	5.722964	5.494258	5.298397
ENSMUSG Polr3a	5.032289	4.589729	4.393914	4.003719	4.124689	4.007543
ENSMUSG Sat1	107.7058	100.0409	115.5438	114.8292	122.7078	133.96688
ENSMUSG Acot9	17.92019	16.16893	20.70579	17.2397	15.39969	16.395049
ENSMUSG Prdx4	25.39545	24.86429	23.13649	54.80568	56.37439	58.297462
ENSMUSG 493343610	0	0	0	0	0	0
ENSMUSG Phldb1	25.08461	24.7994	27.54617	16.62598	16.96947	18.821472
Mus_musc Mus_musc	13.27646	10.18123	13.91232	13.35253	10.34573	11.202763
ENSMUSG Nckap1l	11.11469	10.14151	12.94131	27.56411	25.48052	29.753925
ENSMUSG Pde1b	2.829552	2.215224	2.806104	3.706927	3.828216	3.410926
ENSMUSG Jaml	4.152543	3.892201	6.8657	5.477793	4.807594	3.909449
ENSMUSG Col2a1	0	0.03628	0	0.009069	0.043893	0
Mus_musc Mus_musc	0.388744	0	0	0	0.118528	0
Mus_musc Mus_musc	0.213308	0	0	0.213669	0.161596	0.298321
ENSMUSG Gtsf1	0	0	0	0.184252	0	0.23816
ENSMUSG Hoxc10	0	0	0	0	0	0
Mus_musc Mus_musc	2.501631	1.59122	1.944878	1.194919	0.775281	0.877422
ENSMUSG Trpc4ap	36.04456	32.52558	32.83033	33.97683	35.61917	37.275063
ENSMUSG Serpinb9f	0	0	0	0	0	0
ENSMUSG 1700066M	2.398526	2.576883	2.153094	2.048219	2.206483	2.088077
ENSMUSG Tollip	35.37943	35.73375	34.38205	28.51267	29.77596	30.07499
ENSMUSG Sirt7	20.52848	19.92875	24.92117	23.34025	21.19075	25.298295
ENSMUSG Mtap	7.641894	6.903753	7.848585	7.492587	7.155817	8.547736
ENSMUSG Ints4	12.20629	12.8943	10.73123	10.80305	11.7271	12.225646
ENSMUSG Arhgdia	277.2273	252.0068	293.5021	230.6452	225.6368	239.26507
ENSMUSG P4hb	167.0332	166.0209	169.039	182.7261	210.669	212.09189
ENSMUSG Pcyt2	17.34955	16.54685	20.61888	21.18518	18.61097	22.713311
ENSMUSG Anapc11	26.43689	26.54869	27.64714	24.97119	24.90709	27.81759
ENSMUSG Alyref	5.407684	5.921859	6.370086	5.389815	4.838877	5.866979
ENSMUSG Armcx4	16.53768	14.07149	17.37408	12.67379	16.15098	13.56251
ENSMUSG Arhgap23	21.22671	17.19607	18.64401	9.550414	11.31732	11.075983
ENSMUSG Olfr466	0	0	0	0	0	0
ENSMUSG Sertad2	18.30718	17.24476	17.52064	13.06481	12.55397	12.528988
ENSMUSG Krtap9-3	0	0	0	0	0	0
ENSMUSG Zfp24	10.97912	11.14327	10.13467	8.773284	8.66085	8.879052
ENSMUSG Dcun1d5	10.36396	13.48837	14.59493	15.10971	14.58033	15.149534
ENSMUSG Kif6	0.637671	0.830067	0.408946	0.729013	0.628244	0.904831
ENSMUSG Birc3	16.57959	16.19412	15.88396	23.0041	24.29944	22.655053
ENSMUSG Pdgfd	10.51121	11.81789	10.72193	7.424983	6.818519	6.565804

ENSMUSG C130026I2	3.263982	2.071203	4.517967	13.91918	12.3501	13.724392
ENSMUSG Trem1l1	1.681854	1.98945	1.767537	0.827298	0.826888	0.588352
ENSMUSG Efemp2	24.60963	19.84691	24.61274	21.69153	20.12438	24.722925
ENSMUSG Foxp4	13.91505	14.27168	13.33601	14.34563	13.25715	14.587328
ENSMUSG Tfeb	12.3174	12.19988	13.45179	13.05871	12.84832	12.301917
ENSMUSG Tspo2	0.042681	0.048423	0	0	0	0
ENSMUSG Nfya	18.53794	18.42171	19.67273	19.15656	20.1029	20.449608
ENSMUSG Mfap1a	20.31679	21.91659	19.58964	16.07301	16.23839	18.12784
ENSMUSG Pcgf2	8.410947	8.134779	8.616001	6.538168	5.573789	6.367575
ENSMUSG Atat1	6.531195	6.251653	6.53348	10.67646	10.52357	11.721618
ENSMUSG Spry4	12.57933	8.74537	13.14409	5.015778	6.299432	6.148415
ENSMUSG Ttc39c	1.229053	1.361405	1.199192	2.41543	1.864262	2.503629
ENSMUSG Ndfip1	138.3262	94.46672	92.37173	87.36469	116.9505	120.79034
ENSMUSG Pwwp2b	22.01175	19.41159	19.60733	14.65376	13.06564	14.972124
ENSMUSG Impact	9.479764	10.04925	9.417788	9.120943	8.359395	9.414949
ENSMUSG Zfp521	2.200113	2.444559	1.57283	2.269265	2.566237	2.209047
ENSMUSG Lama3	19.18043	17.09445	17.51467	12.48526	13.07865	13.709057
ENSMUSG Armh1	0.828219	0.595763	0.356091	1.285123	1.549262	0.884766
ENSMUSG Gn1	19.33092	19.02033	20.05887	16.4431	15.10918	16.491873
ENSMUSG Sptbn4	0.045294	0.005955	0.031231	0.037322	0.029155	0.024279
Mus_musc Mus_musc	0.193015	0.189366	0.053926	0.633696	0.244482	0.226827
ENSMUSG Sf3a2	17.05431	15.78077	16.08699	14.1509	13.06217	12.689587
Mus_musc Mus_musc	0.066837	0.031074	0	0.087605	0.114921	0.204347
ENSMUSG Nebl	42.19597	44.84196	36.63688	31.63123	33.34987	26.844637
ENSMUSG B430305JC	0	0	0	0	0	0
ENSMUSG Cdkn1c	30.63894	35.20928	35.92213	15.0303	18.1774	15.007512
ENSMUSG Fam110b	1.02896	0.770056	1.078192	0.927164	0.839069	1.030468
ENSMUSG Ubqln1	38.99284	42.71278	38.52658	34.16953	36.69037	34.727544
ENSMUSG Otr	0.023984	0	0.009302	0.016647	0.031711	0.03567
ENSMUSG Agr1a	8.641324	10.04495	10.73569	4.300866	4.840748	3.846391
ENSMUSG Cspg4	4.219327	3.554224	4.852593	2.617463	2.954226	3.116651
ENSMUSG Lrig2	3.935934	3.993538	3.925313	3.404848	3.128576	3.123799
ENSMUSG Adgre4	2.15334	1.267935	3.320992	2.894171	1.688413	2.37337
ENSMUSG Aldoart1	0	0	0	0.038161	0	0
ENSMUSG Hsd17b12	34.92575	33.59342	33.06513	32.10383	35.01064	33.523495
ENSMUSG Ttc17	13.46829	12.92335	11.81529	12.8132	12.72533	10.977309
ENSMUSG Api5	33.06588	35.06379	30.62587	32.08819	31.48005	32.353085
ENSMUSG Gatm	8.034625	6.235024	9.040701	34.05793	39.30741	34.282848
ENSMUSG Ext2	31.91514	30.04041	33.87099	26.59051	28.77182	28.538587
ENSMUSG Apba2	0.285155	0.144273	0.073353	0.065289	0.12879	0.090623
ENSMUSG Fam189a1	0.127639	0.107962	0.069918	0.048678	0.011666	0.062482
ENSMUSG Pcsk6	2.550268	2.422364	2.433297	2.077812	1.521986	1.86328
ENSMUSG Snrpa1	14.36453	11.94977	14.1079	12.61299	13.89239	13.964384
ENSMUSG Cers3	0.113455	0.225007	0.138112	0.283992	0.148722	0.075545
ENSMUSG Tjp1	89.44415	86.13471	72.00214	55.58747	59.8552	51.826724
ENSMUSG Tarsl2	3.384065	2.978119	2.383233	3.242354	3.062263	3.456481
ENSMUSG Dgkd	23.98411	23.92987	21.39347	22.38339	22.86893	22.717256
ENSMUSG Cacna1f	0	0.005026	0.059304	0.048005	0.068148	0.066597
ENSMUSG Fryl	10.32232	9.945921	9.837805	10.03825	9.998397	10.968404
ENSMUSG Stat5a	4.46493	3.829648	4.189589	5.956402	6.279152	6.16847
ENSMUSG Stat3	50.80568	47.53486	56.94101	46.09867	46.57273	47.313364
ENSMUSG Rmdn3	15.41771	14.72123	19.17471	14.87599	13.99905	13.533211
ENSMUSG Tmem35b	5.033745	4.621079	4.582547	7.132492	7.678382	7.051737
ENSMUSG Cavin1	204.6595	189.5411	195.559	124.2074	123.7552	127.90153
Mus_musc Mus_musc	0.775429	1.046418	0.493184	1.80103	2.109231	1.75432
Mus_musc Mus_musc	0	0	0	0	0	0.368372
Mus_musc Mus_musc	1.665786	2.08936	1.542858	1.245238	1.551692	1.075738
Mus_musc Mus_musc	8.497561	6.528076	4.775247	260.9455	197.2022	318.37981
Mus_musc Mus_musc	0.901325	1.064165	1.124305	18.11463	6.394634	6.65029
Mus_musc Mus_musc	0.343606	0.393493	0.379785	0.329195	0.202641	0.34089
Mus_musc Mus_musc	0.125402	0.185737	0.277078	0.371755	0.156028	0.246793
Mus_musc Mus_musc	0	0.320562	0.078453	0	0.192183	0.211558
ENSMUSG Slc4a1	1.133957	1.26449	2.016733	0.515214	0.564185	0.523138
ENSMUSG Rundc3a	0.872826	1.114288	0.858423	0.95587	0.977352	1.590214

ENSMUSG Adam1a	0.89588	1.47544	1.692948	0.51211	1.190889	0.735354
ENSMUSG Vmn1r35	0	0	0	0	0	0
ENSMUSG Defb2	0	0	0	0	0	0
ENSMUSG Lymr9	1.509747	1.654998	1.271103	1.039914	0.963942	0.973005
ENSMUSG Pcdha4	0	0.038026	0.024477	0.030221	0	0
ENSMUSG Pkn2	16.9076	18.58018	16.54518	13.49859	13.44047	13.735109
Mus_musc Mus_musc	0.151367	0	0.171052	0.269274	0.223764	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0.06757	0.065056	0.078091	0.243222	0.102103
Mus_musc Mus_musc	0	0	0	0.074382	0	0
Mus_musc Mus_musc	0.149711	0.149231	0.127664	0.396052	0.189292	0.564216
Mus_musc Mus_musc	0.104556	0.13355	0.056817	0.406558	0.321479	0.680911
ENSMUSG C1qtnf3	0.74475	0.482809	0.57259	0.810604	0.345038	0.6264
ENSMUSG Stk11	40.45812	39.36521	42.75827	39.18045	37.66398	37.397954
ENSMUSG Btd35f25	0	0	0	0	0	0
ENSMUSG Gm20816	0	0	0	0	0	0
ENSMUSG Vmn1r175	0	0	0	0	0	0
ENSMUSG Stard3nl	36.11837	37.10142	37.73956	33.64145	30.09179	30.679493
ENSMUSG A430078G	1.579282	1.04768	1.225805	2.11735	1.089408	1.40583
ENSMUSG Clec4g	0.603953	0.516352	1.182502	0.520995	0.363825	0.265137
ENSMUSG Olfr444	0	0	0	0	0	0
ENSMUSG Olfr446	0	0	0	0	0	0
ENSMUSG Gm10471	0	0	0	0	0	0
ENSMUSG Gm7347	0	0	0	0	0	0
ENSMUSG Speer4a	0	0	0	0	0	0
Mus_musc Mus_musc	0.356031	0.209545	0.220049	0.515869	0.276326	0.478556
Mus_musc Mus_musc	0.624148	0.325953	0.319827	0.276931	0.217945	0.311397
Mus_musc Mus_musc	0	0	0	0	0.127258	0
Mus_musc Mus_musc	0	0.078499	0.168936	0	0	0
Mus_musc Mus_musc	0	0	0.333837	0.124892	0.089327	0.169521
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0.189229	0.184042	0	0.297327	0	0.803298
Mus_musc Mus_musc	0.1533	0	0	0	0	0.143712
ENSMUSG Slfn9	0.521918	0.906634	0.94447	1.535319	2.33791	2.234172
ENSMUSG Wfdc17	4.080953	6.875303	5.453183	52.16436	49.41357	57.155788
Mus_musc Mus_musc	0	1.277506	0.397865	0.31012	0.239568	0.82144
ENSMUSG Ncoa2	13.86042	13.71647	11.8638	12.90707	12.88614	12.616234
ENSMUSG Ergic3	66.73899	66.80249	70.49613	68.84847	65.31414	70.527625
ENSMUSG Spo11	0.100452	0	0.037218	0.13349	0	0
ENSMUSG Uqcc1	7.985748	8.433201	7.183726	6.375507	6.489612	7.917806
Mus_musc Mus_musc	1.958358	1.789422	2.494549	3.116432	3.406974	2.345524
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0	0.220494	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.07453	0.17904	0.178806	0.352114	0.204469	0.365544
Mus_musc Mus_musc	0	0.357582	0	0.097047	0	0
Mus_musc Mus_musc	8.940249	8.118541	8.651538	9.510512	8.152877	8.549097
Mus_musc Mus_musc	8.490049	8.941689	9.478395	7.67552	7.542631	7.213628
Mus_musc Mus_musc	0.637101	0.14238	1.315383	0.294143	0.134255	0.037002
Mus_musc Mus_musc	2.284244	2.279164	2.622422	1.635416	1.033846	2.265995
Mus_musc Mus_musc	0.241685	0.403036	0.354797	0.402981	0.189325	0.289299
Mus_musc Mus_musc	1.87332	1.792284	3.106651	2.250025	1.399988	0.862492
Mus_musc Mus_musc	0	0	0	0.89574	0.25188	0.502684
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.415267	1.9916	1.493401	1.667424	1.274794	1.201765
ENSMUSG Serpinb6e	0	0	0	0	0	0
ENSMUSG Zfp316	1.791779	1.719636	1.710871	1.773145	1.597475	1.701542
ENSMUSG Olfr1440	0	0	0	0	0	0
ENSMUSG Tas2r143	0	0	0	0	0	0
ENSMUSG Mtmr9	18.54332	18.12417	17.27636	14.81949	15.77732	15.889071
Mus_musc Mus_musc	0	0	0	0	0	0.28929
ENSMUSG Elavl2	0.056184	0.076363	0.021404	0.08729	0.026149	0
ENSMUSG Rnf151	0.092049	0.076444	0.113237	0.341188	0.092956	0.226418
ENSMUSG Abhd2	49.20081	46.40987	43.10612	31.51042	32.39057	31.066868

ENSMUSG Clstn3	0.389132	0.283366	0.139749	0.119193	0.090555	0.22979
ENSMUSG Ghitm	64.51428	70.61968	65.00246	62.166	65.0359	62.746762
ENSMUSG Iffo2	4.018308	3.607559	3.863391	3.956228	3.494521	4.329618
ENSMUSG Map7d2	0.115483	0.10562	0.098324	0.068042	0.052554	0.039798
Mus_musc Mus_musc	10.37552	10.68569	12.20311	10.62155	10.75215	11.314864
ENSMUSG Tlcd1	4.213129	4.772769	5.117748	5.416729	4.727854	5.432784
Mus_musc Mus_musc	0	0.034963	0.022239	0.024398	0	0.442417
Mus_musc Mus_musc	3.148318	2.976616	3.901077	2.331675	3.717209	2.867985
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.953837	1.987728	1.35032	1.927025	1.445113	1.913667
Mus_musc Mus_musc	0.779466	0.546597	0.270455	0.818493	0.511552	0.848598
Mus_musc Mus_musc	7.92105	8.538149	10.82385	10.66192	5.840112	6.872449
ENSMUSG Gm12394	0.109348	0.107897	0.1015	0.024585	0.103757	0.056719
ENSMUSG Mapk13	3.442842	3.795995	3.578755	5.955396	5.021864	7.200108
ENSMUSG Srpk1	10.48807	9.782052	10.40927	10.79552	8.840937	9.898709
ENSMUSG Myt1	0.009591	0.008263	0	0.018953	0	0.016015
ENSMUSG Olfr113	0	0	0	0	0	0
Mus_musc Mus_musc	0.776862	0.758452	0.602117	0.643587	0.561812	0.546566
ENSMUSG Preb	12.58849	14.62047	14.6694	15.69484	16.60986	13.96743
ENSMUSG Olfr734	0	0	0	0	0	0
ENSMUSG Gm12253	0	0	0	0	0	0
ENSMUSG Tox4	12.26931	12.37137	12.30932	11.47278	12.13296	12.280382
ENSMUSG Mrps18c	18.27778	17.63689	17.67877	15.83959	15.06753	16.834324
Mus_musc Mus_musc	0	0.244147	0.37555	0.497852	0.17544	0
Mus_musc Mus_musc	0	0	0	0	0	0.206179
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Fndc5	0.204909	1.759729	0.524907	0.915238	1.213399	0.445633
Mus_musc Mus_musc	0.890984	1.057746	0.915226	0.427618	0.636485	0.781811
ENSMUSG Rpusd3	3.234633	2.964572	2.999251	2.79487	3.154928	3.309977
ENSMUSG Gstm1	334.961	295.5745	278.1247	154.4554	154.387	161.95942
ENSMUSG Amot	2.626804	3.029256	2.516983	2.043295	2.729382	2.244986
ENSMUSG Vmn1r82	0	0	0	0	0	0
ENSMUSG lapp	0	0	0	0	0	0
ENSMUSG Fcho2	32.00901	33.39469	31.23817	24.81114	25.45637	21.604368
ENSMUSG Bivm	3.693788	4.83274	3.975353	4.519164	4.945403	4.52678
ENSMUSG Pex2	14.89951	14.26529	16.65919	15.74889	15.78686	15.906777
ENSMUSG Vmn1r31	0	0	0	0	0	0
ENSMUSG Etfrf1	9.776741	10.01444	8.371687	10.28191	9.436997	9.484688
ENSMUSG Gpr63	0.341313	0.206332	0.281988	0.195309	0.229151	0.172762
ENSMUSG Cacng5	0	0	0	0	0	0
ENSMUSG Vmn1r214	0	0	0	0	0	0
ENSMUSG Bub1b	0.935338	0.982607	0.795953	2.651683	2.810132	3.791636
ENSMUSG Ces2c	0.657397	0.409156	0.4586	0.349416	0.587149	0.205754
ENSMUSG Mettl8	3.623179	4.690508	3.950065	4.013923	3.4134	3.106564
ENSMUSG Spidr	5.650149	6.311663	5.016252	4.724866	5.672748	4.483203
ENSMUSG Arhgef11	16.14832	15.9528	15.06044	14.10127	14.97994	13.57409
ENSMUSG Emilin3	0.037638	0.036195	0	0	0	0.062313
ENSMUSG 4930563M	0	0	0	0.033312	0	0
ENSMUSG 4930502E1	0.03953	0.031251	0.035516	0	0	0
ENSMUSG 2310061N	0	0	0	0	0	0
ENSMUSG Kxd1	23.80626	22.19589	26.51921	19.62254	23.52286	25.982064
ENSMUSG Cstb	50.33957	47.19279	48.13294	99.9971	113.7447	111.10217
ENSMUSG Ftl1	1800.057	1512.266	1602.079	2041.334	2169.76	2356.3022
Mus_musc Mus_musc	0	0	0	0	0	0.129596
ENSMUSG Med16	11.17252	9.259505	11.3845	9.752143	9.239213	10.599888
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0.429304	0.098601	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Galns	3.479875	3.143176	4.233985	6.402392	7.407167	8.135204
ENSMUSG Ddx19a	18.37468	16.96735	16.18005	16.06579	15.13743	15.622133
ENSMUSG 4930524N	0	0	0	0	0	0
ENSMUSG Krt4	0	0	0	0.085215	0	0.154222

ENSMUSG Taf1b	5.160705	4.418278	5.669236	4.79259	4.232104	4.396232
ENSMUSG Neto1	0.104054	0.074117	0.07832	0.077521	0.015862	0
ENSMUSG Vtcn1	0.7565	1.101881	0.679675	2.543012	2.248069	2.782041
ENSMUSG Rgs13	0.10649	0.029963	0	0.247425	0	0.182517
ENSMUSG Olfr1204	0	0	0	0	0	0
ENSMUSG Rtl3	0.019135	0.104426	0	0	0.016402	0.018681
Mus_musc Mus_musc	0.734132	0.915464	0.820432	0.680328	0.998491	0.79579
Mus_musc Mus_musc	0.960517	0.490939	0.355896	0.98272	0.691624	0.549333
Mus_musc Mus_musc	0	0.154309	0	0.126793	0	0.091751
Mus_musc Mus_musc	0	0.506974	0	0.098657	0	0
Mus_musc Mus_musc	0.100559	0.648616	0	0.252642	0.205156	0.564848
Mus_musc Mus_musc	0.188031	0.148328	0.06417	0	0	0
Mus_musc Mus_musc	0.279917	0.28159	0.252489	0.314385	1.247075	0.714113
ENSMUSG Gm21767	0	0	0	0	0	0
ENSMUSG Vmn1r124	0	0	0	0	0	0
ENSMUSG Lig1	4.436401	3.650248	4.399024	5.221805	5.750958	7.008643
ENSMUSG Olfr122	0	0	0	0	0	0
ENSMUSG Olfr67	0	0	0	0	0	0
ENSMUSG Mis18bp1	0.214993	0.232904	0.357092	0.519081	0.553244	0.797819
ENSMUSG Rtp2	0	0	0	0	0	0
ENSMUSG Fbxo28	8.451499	7.847505	8.019751	6.417044	6.812479	6.731799
Mus_musc Mus_musc	0	0.118304	0	0	0.170097	0.172248
Mus_musc Mus_musc	3.29733	2.450783	2.557194	1.798011	1.548902	2.398479
Mus_musc Mus_musc	0.145212	0.241395	0.191517	0	0.930689	0.539793
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.089954	0	0.098122
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.222737
Mus_musc Mus_musc	0.029137	0	0	0.434442	0.388499	0.374489
Mus_musc Mus_musc	0.125069	0	0	0	0	0
ENSMUSG Rarres2	241.9256	269.1887	231.8578	141.5656	103.5698	148.78724
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.099606	0	0	0.46467	0.436456	0.336513
ENSMUSG Bloc1s2	14.03907	12.1399	14.13269	15.85529	13.4697	14.494596
Mus_musc Mus_musc	0.314177	0.438638	0.094991	0.291345	0.447244	0.296279
ENSMUSG Fmo6	0.12702	0.213169	0	0.130745	0.096851	0.154677
ENSMUSG Gm6619	0	0	0	0	0	0
Mus_musc Mus_musc	0.127062	0.18868	0.198417	0.190325	0.382061	0.100607
ENSMUSG H2a2b	0	0	0	0	0	0
ENSMUSG 1700010B(	0	0	0	0	0	0.05921
ENSMUSG Gm21760	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.278661	0.252476	0.589934	0.177118	0
ENSMUSG Gm35134	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.288892	0	0
Mus_musc Mus_musc	0.030902	0.014608	0.005814	0.201306	0.124451	0.346037
ENSMUSG Mob4	21.08108	19.8486	19.86034	17.08541	16.9132	14.648245
ENSMUSG Zmat1	2.676749	3.008609	2.33543	1.986658	2.565417	2.844023
ENSMUSG Zfp112	0.817787	1.272183	0.836434	0.670959	0.56288	0.846929
ENSMUSG Gm9887	0.553364	0.495925	0.562889	0.40329	0.748649	1.159836
ENSMUSG Amotl1	21.45487	23.2451	18.64191	14.48751	15.67536	14.716706
ENSMUSG Gm44511	1.796912	1.279458	1.809521	0.655158	0.780587	0.434228
ENSMUSG Prpmp5	0	0	0	0	0	0
ENSMUSG Gm43951	0.154708	0.223585	0.087597	0.172209	0.147208	0.170415
ENSMUSG Ugt2b5	0	0	0	0	0	0
ENSMUSG Maip1	3.558405	3.28484	3.577803	2.998139	2.992771	2.68209
ENSMUSG Ksr1	5.294571	5.841031	6.015822	5.233464	6.397112	5.892837
ENSMUSG Gpx3	542.662	539.6701	645.5708	463.1551	533.7078	389.87008
ENSMUSG Olfr745	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.309342	0.303641	0.256583	0.207931	0.232111	0.314651
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0.142178	0.083094	0.481063	0.406302	0
Mus_musc Mus_musc	3.001879	3.607635	2.913286	4.240481	4.520416	4.591697
ENSMUSG Zfp143	6.287555	5.454216	5.615995	5.601231	6.008336	5.78974

ENSMUSG Ppy	0.164009	0.635575	0.648377	0.160443	0	0.769898
ENSMUSG Mpp2	5.665307	6.279702	6.718177	3.248749	3.756813	3.367626
Mus_musc Mus_musc	0	0	0	0.174016	0	0.368372
ENSMUSG Spint4	0	0	0	0	0	0
ENSMUSG Pyy	0	0.07022	0	0	0	0
ENSMUSG Ebpl	0.843123	0.885466	0.929986	0.858511	0.939474	0.936572
ENSMUSG Kpna3	11.01939	11.61332	10.08364	11.27575	11.8891	10.944484
ENSMUSG Itih4	16.08559	13.53192	10.31041	24.99561	35.55534	25.93296
ENSMUSG OR5BS1P	0	0	0	0	0	0
ENSMUSG Tgif2lx1	0	0	0	0	0	0
ENSMUSG Pcdhb14	0.429499	0.49253	0.464453	0.259513	0.266415	0.292474
ENSMUSG 181003711	38.77938	41.51624	46.41404	37.96837	38.1699	32.921864
ENSMUSG Slc25a40	3.922311	3.483998	3.476863	3.571104	3.616895	2.954178
ENSMUSG Scaf11	29.87725	29.35304	25.24157	23.35981	24.20704	23.624908
ENSMUSG Rac2	17.57835	14.59556	26.75621	32.10447	29.41562	34.853127
ENSMUSG Eipr1	3.849574	2.897198	3.131864	3.309391	2.803397	3.596502
ENSMUSG Ttf2	1.197091	1.172891	1.367429	1.797643	1.743031	2.09196
ENSMUSG Eepd1	3.174472	4.311564	3.740977	5.446105	4.78424	5.316103
ENSMUSG Etl4	13.29617	12.78296	10.29995	9.849756	9.392285	9.577703
ENSMUSG Puf60	66.19876	63.21286	66.33598	52.38506	52.74529	54.026312
ENSMUSG Emc7	14.99443	16.07252	15.9986	12.79781	13.48328	12.100097
ENSMUSG Obox7	0	0	0	0	0	0
ENSMUSG Prr18	10.16185	11.33466	7.417057	7.528871	8.854003	8.993754
ENSMUSG Gdf15	1.175548	0.899388	1.238318	0.605509	0.773958	0.934164
ENSMUSG Mrps9	14.97284	15.02023	16.66237	18.61982	16.82388	17.710319
ENSMUSG Hist1h4c	0.493009	0.630033	0.763715	0.380077	0.552564	0.559522
ENSMUSG Pla2g16	8.467935	11.2052	11.38057	15.24715	13.40239	13.819836
ENSMUSG Parp12	16.07666	15.64756	22.67896	14.49165	14.44476	13.572064
ENSMUSG Skint7	0	0	0	0	0	0
ENSMUSG Atp8b2	12.5192	11.434	11.94047	13.58557	13.25789	13.916631
ENSMUSG Mesd	15.16373	15.13317	15.01592	13.53013	12.83798	12.660107
ENSMUSG Far1	19.61198	21.03747	19.19829	22.58254	22.54015	21.731962
ENSMUSG Tcea2	2.556805	1.6847	2.032265	1.980402	1.592269	1.956719
ENSMUSG Psm1	63.20205	59.04173	64.50491	63.11073	59.58839	63.035156
ENSMUSG Nsmce1	20.16234	19.70091	19.23429	18.68705	15.5819	19.098961
ENSMUSG Thap12	25.36289	25.35923	21.98837	20.14725	20.99504	21.024217
ENSMUSG Kdm8	2.157088	2.076942	2.090169	1.477499	1.505183	1.618125
ENSMUSG Copb1	39.54662	39.96875	36.95042	40.05941	41.10223	38.895473
ENSMUSG Zkscan2	0.170249	0.088239	0.124667	0.10853	0.098491	0.124092
ENSMUSG Smyd4	2.200508	2.322295	2.4068	1.992156	1.60135	2.008269
Mus_musc Mus_musc	0	0.228916	0.215175	0.293857	0.286643	0.123804
ENSMUSG Tcrg-C3	0	0	0	0	0	0
ENSMUSG Klhdc7b	0	0.007811	0	0	0	0
ENSMUSG Abca5	13.33405	11.01683	10.78459	5.724606	5.595921	5.431306
ENSMUSG Gm17359	0.134206	0.017306	0.027583	0	0	0
ENSMUSG Gpr87	0	0	0	0	0	0.03465
ENSMUSG Dzank1	1.376307	1.463763	0.94642	1.167639	1.30187	1.132556
ENSMUSG Itih2	0.976247	1.065033	0.528552	0.562746	0.702927	0.979693
ENSMUSG Aagab	5.470848	5.53938	5.460365	6.534957	6.591996	7.187675
ENSMUSG Pomk	3.684099	3.654136	3.065679	3.326728	3.607921	3.659051
ENSMUSG Mex3c	16.23162	16.91614	15.8776	14.2568	13.73592	15.238677
ENSMUSG Vmn2r16	0	0	0	0	0	0
ENSMUSG Kcnb2	0.055491	0.054218	0.027676	0.028678	0.043061	0.018255
ENSMUSG Gm6793	51.29074	50.93984	55.57642	45.20728	47.44765	46.164486
ENSMUSG Gm3002	0.018337	0	0	0.050914	0	0
ENSMUSG Zfp433	1.250987	1.16343	0.93038	1.022882	0.557987	1.403419
ENSMUSG Olfr905	0	0	0	0	0	0
ENSMUSG Gm6309	0	0	0	0	0	0
ENSMUSG Gtse1	0.399843	0.329068	0.359899	0.970671	1.15782	1.759353
ENSMUSG Khl33	1.758912	1.598051	1.43027	1.744339	1.242604	1.724328
ENSMUSG Trmu	4.217823	4.533413	4.403413	4.176347	3.354404	3.553767
ENSMUSG Rab11fip1	35.48051	35.43622	30.08531	25.66134	25.27183	24.868517
ENSMUSG Adrb3	3.777443	2.85901	5.404051	2.94668	2.431207	2.103165
ENSMUSG Adgra2	18.79253	17.8902	19.37976	12.19005	13.69785	14.614379

ENSMUSG Brf2	5.815575	4.580876	5.472526	4.716626	4.680625	4.620272
ENSMUSG Plpbp	11.25078	10.56284	10.44674	10.36919	10.54093	10.119208
ENSMUSG Tef	99.50714	89.22708	79.34084	40.24271	46.9926	37.95606
ENSMUSG Ttl8	0.315598	0.251168	0.139076	0.057106	0.01887	0.096608
ENSMUSG Thsd1	13.87945	12.40234	13.06378	7.922115	8.194508	7.870511
ENSMUSG Vmn1r60	0	0	0	0	0	0
ENSMUSG Ece1	126.7373	110.5269	116.0851	90.33695	93.90127	85.468541
ENSMUSG St8sia1	0.264637	0.384992	0.27288	0.630492	0.560717	0.659309
ENSMUSG Cmas	11.62691	11.7071	13.30106	15.47524	15.11548	15.717181
ENSMUSG Il17rc	14.21345	12.91549	16.0204	11.50063	11.20497	11.10706
ENSMUSG Itpr2	9.653293	8.041652	8.130598	6.946887	7.21052	8.254148
ENSMUSG Emc3	39.23558	39.7707	41.41936	37.25892	37.83478	39.001617
ENSMUSG Creld1	14.72306	15.13188	19.54605	11.94342	14.20409	13.172326
ENSMUSG Zfp977	0.624528	0.514472	0.438997	0.424355	0.436533	0.169193
ENSMUSG Mcoln2	1.053168	0.88274	0.813228	3.28565	2.191666	3.10738
ENSMUSG Selplg	23.14408	18.79669	31.49159	40.34106	41.03569	41.789245
ENSMUSG 119000710	3.543704	3.183956	2.947307	3.486219	3.652889	3.832392
ENSMUSG Sec24c	31.19212	29.22838	30.30247	30.55406	30.13801	30.998588
ENSMUSG Sectm1b	0	0.080022	0	0.09534	0.198937	0.1593
ENSMUSG Hist1h2ba	0.073695	0	0.030356	0	0.024309	0
ENSMUSG Picalm	55.87912	57.82732	63.29918	55.97152	64.22743	61.285517
ENSMUSG Bloc1s1	37.51373	38.56185	47.0674	42.76232	37.29533	39.809723
ENSMUSG Klf6	68.33899	52.23661	64.49378	41.62236	42.98433	42.257275
ENSMUSG Ccdc120	5.548115	5.258572	4.643021	5.097595	4.293776	4.634536
ENSMUSG Gripap1	11.25436	10.61272	12.82412	12.88268	10.64954	12.254947
ENSMUSG Otud5	18.82243	18.46232	20.05241	17.68152	19.2955	18.335438
ENSMUSG Pim2	3.327169	3.120068	5.7374	5.581382	6.267439	5.54226
ENSMUSG Slc35a2	7.880215	8.320975	9.105856	9.266114	10.43979	9.559367
ENSMUSG Pqbp1	24.80228	24.65659	30.56755	24.35998	23.20341	25.120041
ENSMUSG Timm17b	5.785303	7.142431	5.630519	6.632091	7.01384	7.029092
ENSMUSG Zmynd12	1.04021	0.688489	0.619779	1.515331	1.072461	1.607226
ENSMUSG Cited4	0.86368	0.369403	0.750812	1.156392	1.910869	1.353747
ENSMUSG Pnmal2	0.879717	0.977168	1.089021	1.229904	0.824291	0.873808
ENSMUSG Bicra	6.304698	5.275597	5.932836	5.917455	5.605924	5.380871
ENSMUSG Mad2l1bp	7.456362	10.13892	10.55346	8.869214	7.807762	8.014564
ENSMUSG Pcnx4	4.323586	4.567249	3.992099	3.647985	4.346263	4.318718
ENSMUSG Ido2	0.060121	0	0.050846	0.056562	0.071038	0.073164
ENSMUSG Crebbp	6.619905	7.281422	6.031084	5.908999	6.448975	5.912185
ENSMUSG Tfr2	0.104421	0.041792	0.023037	0.042201	0.069949	0.046118
ENSMUSG Pop7	5.382149	6.915368	7.330708	7.315132	6.786761	6.476624
ENSMUSG Gigyf1	12.50768	10.943	12.47203	10.81514	9.873894	9.958279
ENSMUSG Hrasls	0.028953	0	0	0.046786	0.066008	0
ENSMUSG Actl6b	0	0	0	0	0	0
ENSMUSG Epo	0	0.003557	0.020495	0.008583	0.016307	0.057481
ENSMUSG Zfp251	6.36113	6.727662	6.419334	5.66473	5.835878	5.59639
ENSMUSG Zfp263	10.15646	10.29785	9.712963	10.16363	8.985335	9.575288
ENSMUSG Hes1	32.62717	27.3736	23.41619	17.56609	14.42287	13.527903
ENSMUSG Pcolce	42.54881	44.30176	49.34035	41.34544	34.50137	36.060276
Mus_musc Mus_musc	0	0	0.176106	0	0.189168	0.126048
Mus_musc Mus_musc	0	0	0	0	0.234146	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Tnfsf9	0.653591	0.807193	0.967781	0.796427	1.051121	1.88898
ENSMUSG Zswim4	5.490172	5.368561	5.027174	5.173604	5.229606	5.510674
ENSMUSG Sbno2	17.32996	18.2061	23.85678	22.44562	21.5587	23.116386
ENSMUSG Ostm1	18.77139	17.71915	19.8622	19.74935	21.59056	23.159307
ENSMUSG Ndufa3	18.75246	19.52866	20.65617	20.9886	20.88692	22.739553
ENSMUSG Dzip1	3.255441	3.424697	2.797542	2.421919	2.772804	2.345404
ENSMUSG Sprr2i	0	0	0	0	0	0
ENSMUSG Klh123	3.986657	3.955792	3.783702	2.599086	2.595942	2.467186
ENSMUSG Cks1b	4.726677	4.63731	5.750793	11.12959	12.30377	11.534094
ENSMUSG Thbs3	15.26079	15.46706	17.50781	10.42196	8.563092	9.515963
ENSMUSG Efna4	0.942627	1.278866	1.199352	0.94169	0.910928	1.402764
ENSMUSG Adam15	38.55331	37.84127	49.26983	41.63138	41.68637	44.389621

ENSMUSG Zbtb7b	18.12443	18.13861	19.05833	20.48441	18.6806	19.789258
ENSMUSG Gba	21.15189	21.85631	21.25029	27.05513	32.45256	31.55534
ENSMUSG Scamp3	33.77321	36.12859	39.6712	33.03697	34.7709	34.666943
ENSMUSG 49334141	0	0	0	0	0	0
ENSMUSG Oip5	1.046756	0.460174	0.594137	1.106071	1.114644	0.889153
ENSMUSG Hnf1b	6.074968	5.869504	4.510181	6.255215	5.707992	5.458182
ENSMUSG Tpo	0	0	0	0	0	0
ENSMUSG Sntg2	0.458107	0.585488	0.36604	0.519963	0.695349	0.285392
ENSMUSG Rab10	48.90534	45.34543	42.7736	39.0059	40.62085	40.388878
ENSMUSG Ddx52	8.097738	8.206581	7.452972	8.196166	8.385462	8.247064
ENSMUSG Ccl11	1.575168	2.053226	0.859514	29.72186	44.46919	32.506744
ENSMUSG Pxdn	35.01101	31.41628	31.89113	23.4885	23.0332	23.236629
ENSMUSG Fam196b	0	0.023214	0	0.00797	0	0
ENSMUSG Spdl1	0.451576	0.606519	0.43249	1.184491	1.480534	1.224673
ENSMUSG Hba-a2	3904.508	3852.582	4996.812	1595.688	1660.555	1330.4401
ENSMUSG Hba-a1	4532.65	4471.104	5825.524	1916.555	1955.496	1476.8312
ENSMUSG Kcnab3	0.367173	0.125794	0.096915	0.234764	0.322555	0.178235
ENSMUSG Kdm6b	18.75778	18.79065	17.13749	13.51837	13.56856	12.621228
ENSMUSG Chd3	24.28828	26.87632	21.08513	24.42181	23.88114	23.580526
ENSMUSG 1700125H	0	0.047922	0	0.090791	0	0
ENSMUSG Fer1l4	0.027161	0.050273	0	0.082492	0.045985	0.1428
ENSMUSG Olfr140	0	0	0	0	0	0
ENSMUSG Olfr1264	0	0	0	0	0	0
ENSMUSG Ptpn1	28.21671	29.13248	32.18958	31.76916	33.4924	32.788715
ENSMUSG Olfr1272	0	0	0	0	0	0
ENSMUSG Olfr1271	0	0	0	0	0	0
ENSMUSG Olfr142	0	0	0	0	0	0
ENSMUSG Nfatc2	1.26687	1.101004	1.244617	1.978604	1.615701	1.857416
ENSMUSG Olfr1270	0	0	0	0	0	0
ENSMUSG Olfr32	0	0	0	0	0	0.035455
ENSMUSG Olfr1267- α	0	0	0	0	0	0
ENSMUSG Gm21627	0	0	0	0	0	0
ENSMUSG Slc22a15	1.967385	1.858502	1.620965	1.467173	1.79386	2.061869
ENSMUSG Phldb2	48.61088	46.63263	41.36248	31.76314	35.214	31.833356
ENSMUSG Chst14	8.841401	6.925563	7.381295	6.617443	7.677813	7.11677
ENSMUSG Gm815	0	0	0	0	0	0
ENSMUSG Letm1	10.89577	9.821268	10.59951	9.483989	10.82838	10.453867
ENSMUSG Ephx2	1.515016	2.399338	0.610495	1.564225	1.059422	1.070724
ENSMUSG Inafm2	12.91159	12.21965	13.79953	7.708009	8.172758	8.356493
ENSMUSG Zscan12	2.265831	2.033749	2.730886	2.415742	1.721728	1.880661
ENSMUSG Olfr749	0	0	0	0	0	0
ENSMUSG Rad51b	0.248239	0.567776	0.263717	0.218514	0.460115	0.610501
ENSMUSG Fam205a1	0	0.087613	0.038306	0.00978	0.05689	0.015727
ENSMUSG Ormdl2	13.37682	14.28754	16.38515	17.2605	18.50142	19.150551
ENSMUSG Gdf11	0.96126	0.568721	0.807874	1.616344	1.323665	1.762519
ENSMUSG Pex11b	13.8562	10.46423	11.52503	9.430759	8.998183	7.960072
ENSMUSG Lamb3	21.71019	18.66519	21.19344	13.38663	13.65631	15.454776
ENSMUSG Irf6	9.958008	11.17853	8.624739	7.23174	6.662325	7.426629
ENSMUSG Mmp19	7.788002	6.859628	7.096839	55.80602	67.21744	84.377589
ENSMUSG Batf3	0.722313	0.728586	1.672278	4.888311	5.220277	7.99681
ENSMUSG Tatdn3	3.557817	3.551183	2.762138	3.3049	3.565339	3.427462
ENSMUSG Angel2	16.79676	15.83155	16.0681	13.82959	13.77	13.090794
ENSMUSG Traf5	13.80273	12.08346	16.19429	12.94074	13.5129	12.501249
ENSMUSG Sbk1	5.267123	4.915291	4.6746	5.237763	4.451947	5.490668
ENSMUSG Gm8879	0	0	0	0.168386	0.148342	0.318274
ENSMUSG Esp18	0	0	0	0	0	0
ENSMUSG Gm21762	0	0.030287	0.473643	0.811731	0.506984	0.498223
ENSMUSG Gm3685	0	0	0	0	0	0
ENSMUSG Tyr	0	0	0	0	0	0
ENSMUSG Aqp1	417.3761	416.5682	430.2057	255.2122	267.7373	283.46817
ENSMUSG Ghrhr	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.263507	0.240859
Mus_musc Mus_musc	0	0	0	0	0	0

ENSMUSG Zfp81	2.173881	2.308011	2.265243	1.933397	2.029994	1.896013
Mus_musc Mus_musc	0.402163	0.478128	0.295815	0.55841	0.301048	0.3615
ENSMUSG Tfam	6.122654	5.97669	5.723513	5.428428	5.705114	5.525596
ENSMUSG BC147527	1.120532	0.586612	1.722689	1.487176	1.316845	0.791316
ENSMUSG Mup12	0	0	0	0	0	0
Mus_musc Mus_musc	0.929459	0.128914	0	0.857004	0.334775	0.359648
Mus_musc Mus_musc	0.039549	0.194895	0.084722	0	0.58867	0.370132
Mus_musc Mus_musc	0.060352	0.464373	0.115525	0.244519	0.181883	0.25881
Mus_musc Mus_musc	0	0.371516	0.365875	0	0.152702	0.327331
Mus_musc Mus_musc	0.530156	0.484701	0	0.067258	0	0
Mus_musc Mus_musc	0.323684	0.048063	0	0	0.183632	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.097902	0.571334	0.122021	0
Mus_musc Mus_musc	0	0.17952	0.801376	0	0.305019	0
ENSMUSG Gm2163	0	0	0	0	0	0
ENSMUSG Vmn2r38	0	0	0	0	0	0
ENSMUSG Gm21637	0	0	0	0	0	0
ENSMUSG Olfr970	0	0	0	0	0	0
ENSMUSG Cdk4	35.72297	35.15966	37.75763	37.31461	38.27215	37.549329
ENSMUSG Col25a1	0.056513	0.076222	0.059472	0.026715	0.044326	0.060674
ENSMUSG H2-M3	11.33026	9.51518	26.61775	19.43203	12.66373	15.210226
ENSMUSG Zfp184	0.571121	0.64532	0.440407	0.379514	0.252723	0.315443
ENSMUSG Syt14	0.030413	0.014243	0	0.010958	0.015642	0.013743
Mus_musc Mus_musc	1.310651	0.258778	0.286882	0.16788	0.110857	0.487613
Mus_musc Mus_musc	1.118946	1.054565	2.990508	0.777326	0.885283	0.67535
Mus_musc Mus_musc	0.034444	0.090598	0.222088	0.828876	1.217617	1.109356
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.347569	0.117616	0.105748	0.368495	0.610097	0.551884
Mus_musc Mus_musc	0.280967	0.883426	0	6.359027	120.5582	526.88014
Mus_musc Mus_musc	0.22324	0	0	3.661152	32.99954	62.355652
Mus_musc Mus_musc	1.743939	1.823269	0.486021	762.5313	466.8856	171.29999
Mus_musc Mus_musc	0.854645	0.179123	0.063669	27.21954	31.49839	71.332214
Mus_musc Mus_musc	0.645995	0.6236	0.350499	15.92081	19.11403	5.380075
Mus_musc Mus_musc	0.543588	0.100015	0	60.35146	160.4246	150.90102
Mus_musc Mus_musc	1.590294	4.050328	0.836386	414.8303	727.7586	1364.1233
Mus_musc Mus_musc	0.055452	0	0.133609	0.12608	0.306242	0.111901
Mus_musc Mus_musc	0.203856	0.057293	0.061051	2.097817	13.4798	6.026957
Mus_musc Mus_musc	0.929011	1.802794	0.34571	138.6378	41.90511	65.893867
ENSMUSG Ints14	10.89571	9.007115	9.679309	9.22183	9.838009	10.591883
ENSMUSG Zdhhc14	6.170339	4.720511	5.556452	3.667285	4.392456	4.05111
ENSMUSG Batf	4.185718	5.773994	7.10434	8.738526	9.541445	10.041718
ENSMUSG Olfr78	0.133805	0.009531	0.082651	0.11312	0.150895	0.269934
ENSMUSG Trim39	8.536215	7.164749	7.326064	7.550794	6.626396	8.148925
ENSMUSG Kcnk13	1.349017	0.910893	1.559552	1.923114	1.980687	2.439391
ENSMUSG Gmeb1	3.293485	3.750311	4.553074	3.222843	4.244123	4.96268
ENSMUSG Sf3a3	18.31984	19.01298	19.85668	18.56107	16.91766	17.110651
ENSMUSG Utp11	15.17737	16.21537	16.61408	16.74572	15.18305	17.364868
ENSMUSG Epb41	44.03329	40.87958	46.01493	27.38785	32.56791	26.544424
ENSMUSG Ptpru	10.51178	11.03371	8.674356	7.151924	7.921963	7.155617
ENSMUSG Gpr84	0.075649	0.026836	0.07443	0.184407	0.556938	0.289359
Mus_musc Mus_musc	0	0.039385	0.060199	0.168709	0.059933	0
Mus_musc Mus_musc	0	0	0	0.112249	0	0
Mus_musc Mus_musc	0.167653	0	0	0	0.206819	0
Mus_musc Mus_musc	4.116791	4.638791	4.941707	5.035014	4.548506	5.339237
Mus_musc Mus_musc	0.834613	0.948254	1.067194	0.474653	0.630585	1.080757
Mus_musc Mus_musc	0	0.049178	0	0.305922	0.374978	0.196154
Mus_musc Mus_musc	0	0	0	0	0.411168	0
ENSMUSG Mup6	0	0	0	0	0	0
ENSMUSG Mup2	0	0	0	0	0	0
ENSMUSG Mup1	0	0	0	0	0	0
ENSMUSG Tm2d3	19.40108	19.16514	21.76342	18.02558	16.8763	21.110724
ENSMUSG Mup10	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0

ENSMUSG Mup9	0	0	0	0	0	0
Mus_musc Mus_musc	1.388626	0.836855	1.361342	0.659457	0.571338	0.563821
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Naa20	21.03499	19.15017	21.02614	21.10964	22.60386	24.77693
ENSMUSG Nudcd3	30.0037	28.06945	27.83727	22.83098	23.70363	23.428307
ENSMUSG Kcng2	0.020053	0.508204	0	0.38014	0.134527	0.125519
ENSMUSG H2-T24	41.11901	38.7153	86.05342	46.90413	35.90158	35.17561
ENSMUSG Ntng1	0.034027	0.020714	0.009071	0.028406	0	0.019582
ENSMUSG Hydin	1.487132	1.845026	0.67035	1.845307	1.820383	1.769252
ENSMUSG Gm8279	0	0	0	0	0	0
ENSMUSG Magee1	3.485096	3.540333	2.977559	2.826415	3.214369	3.147925
ENSMUSG Gm8334	0	0	0	0	0	0
ENSMUSG Gm3476	0	0	0	0	0	0
ENSMUSG Ccdc82	22.1791	20.94469	20.91949	15.46931	14.99644	13.881815
ENSMUSG Oprm1	0	0	0	0	0	0
ENSMUSG Surf1	29.96472	29.19952	32.03953	26.21077	23.81141	23.665481
ENSMUSG Sec61g	12.91348	10.50616	11.69517	21.72676	16.46218	21.606131
ENSMUSG Wdr92	5.821743	6.779511	6.275446	6.905798	6.569435	6.25764
ENSMUSG Gm15557	0	0	0	0	0	0
ENSMUSG Gm21764	0	0	0	0	0	0
ENSMUSG Il17ra	6.349663	5.148997	7.081709	6.242729	6.722309	6.558819
ENSMUSG Optc	0.307434	0.232897	0.251302	0.144752	0.134696	0.111098
ENSMUSG Eml1	31.24704	28.76304	28.41765	18.73579	18.76517	20.012204
ENSMUSG Olfr818	0	0	0	0	0	0
ENSMUSG Sdhc	22.05666	22.74419	22.02968	23.455	24.17802	24.068848
ENSMUSG Ctsj	0	0	0	0	0	0
ENSMUSG Tmem245	12.57429	12.43417	10.03282	8.676945	8.430895	8.898577
ENSMUSG Tas2r113	0	0	0	0	0	0
ENSMUSG Olfr394	0	0	0	0	0	0
ENSMUSG Wdfy2	6.285854	5.896955	5.51723	7.616524	9.15771	9.359965
ENSMUSG Clec4f	0	0	0	0	0	0
ENSMUSG Klra17	0.540263	0.410151	0.841084	0.458648	0.342008	0.215297
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0	0	0.127433	0	0.337769
Mus_musc Mus_musc	0.322532	0.099741	0.236995	0.476603	0.618307	0.132904
Mus_musc Mus_musc	0.162148	0.154134	0.123327	0.582533	0.167562	0.782482
Mus_musc Mus_musc	0	0	0	0.514498	0.109364	0.186729
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Oprd1	0.042086	0.03757	0.021931	0.067036	0.041504	0.037424
ENSMUSG Magea2	0	0	0	0	0	0
ENSMUSG Rtl6	1.63047	1.596191	1.467332	1.702746	1.664371	1.699998
ENSMUSG Tssk3	0	0	0	0	0	0.043169
ENSMUSG Gsdmc4	0	0.044406	0.047399	0	0	0
ENSMUSG Pnrc1	40.04887	39.66109	40.67794	42.80449	38.87217	38.301353
ENSMUSG Gpr26	0	0	0	0	0	0
ENSMUSG Gorab	3.171642	3.61404	2.791363	3.48259	2.790185	3.521682
ENSMUSG Sdr9c7	0	0	0.03169	0.105031	0.079856	0.026306
ENSMUSG Rep15	0.318703	0.278629	0.398962	0.197679	0.056951	0.060841
ENSMUSG Zmym5	18.61067	13.09501	13.31092	9.870634	14.39884	9.129992
ENSMUSG Gm4513	0	0	0	0	0	0
ENSMUSG Gm49320	1.967482	1.860718	0.543765	0.465962	0	0.31391
Mus_musc Mus_musc	0	0.201594	0.34785	0.088375	0.067209	0.03184
ENSMUSG Bsnd	0	0	0	0.018942	0	0
ENSMUSG Tprn	3.381128	2.745509	3.057642	3.244899	3.907008	3.728929
ENSMUSG Vma21-ps	0	0	0	0	0	0
ENSMUSG Dctn2	59.50288	59.75514	62.03708	52.15088	54.39206	58.082817
ENSMUSG Olfr845	0	0	0	0	0	0
ENSMUSG Hist1h2ab	0.059629	0.228365	0.256738	0.391444	0.13025	0.326318
ENSMUSG U2af1	38.35821	36.65187	34.90096	33.12005	34.96416	35.044732
ENSMUSG Pip4k2c	32.78212	33.03533	30.67515	29.00475	32.27229	32.790546
ENSMUSG Pard6g	15.18095	15.5571	15.92354	8.868567	10.01688	8.989789
ENSMUSG Lrguk	1.57946	2.051792	1.060921	2.19568	1.897927	1.749725
ENSMUSG Cebpg	20.83337	23.08744	22.20669	18.46796	19.9678	18.168386
ENSMUSG R3hdm1	8.749357	8.877896	8.532842	9.423781	9.478375	9.42093

ENSMUSG Olfr912	0	0	0	0	0	0
ENSMUSG Zfp30	1.940508	2.081141	1.89725	1.397732	1.885577	1.739261
ENSMUSG Olfr1295	0	0	0	0	0	0
ENSMUSG Olfr1436	0	0	0	0	0	0
ENSMUSG Olfr262	0	0	0	0	0	0
ENSMUSG lck	11.70952	12.3128	10.91461	9.102044	9.226299	9.00515
ENSMUSG Olfr193	0	0	0	0	0	0
ENSMUSG Gm4201	0	0	0	0	0	0
ENSMUSG Gm3532	0	0	0	0	0.038961	0
ENSMUSG Gm26602	0.028499	0	0.022443	0.022172	0.025045	0.053024
ENSMUSG Prx	91.15814	85.17601	94.63611	40.00892	42.46559	39.492018
ENSMUSG Arhgap20	0.677344	1.065792	0.869876	0.619931	0.891748	0.734932
ENSMUSG Podnl1	0.832575	0.570132	1.126537	2.305756	1.862993	2.269545
ENSMUSG Mllt11	4.696558	3.318295	3.926125	3.122605	3.621412	3.610931
ENSMUSG Cib4	0.331561	0.317247	0	0.061551	0	0.115925
ENSMUSG Fbxl18	2.118372	2.384385	2.577696	2.228032	2.463956	2.314665
ENSMUSG Wdr35	4.276097	4.721285	3.568871	3.963109	3.780323	4.163408
ENSMUSG Lgals1	55.10018	46.65937	66.74714	128.0049	127.2633	170.5845
ENSMUSG Il2rb	5.064969	3.400672	16.01662	7.708325	5.147931	6.40919
ENSMUSG Arhgap22	6.87166	5.910883	6.382573	6.767826	4.860277	6.347961
ENSMUSG Gm1330	0	0	0	0	0	0
ENSMUSG Hist1h2bc	29.03752	32.82971	31.14068	25.0041	24.38963	28.755058
ENSMUSG Cysltr1	0.839486	1.00241	0.931471	1.69214	1.608675	1.319043
ENSMUSG Actl9	0	0	0.036913	0.047275	0	0
ENSMUSG Fam71e2	0	0.010179	0	0	0	0.020137
ENSMUSG Asf1a	6.042428	6.040515	5.950024	4.536272	4.547509	4.805533
ENSMUSG Fam184a	4.349938	4.438335	4.565617	2.715474	2.453794	2.310379
ENSMUSG Gm20547	0	0	0.032696	0	0	0
ENSMUSG Repts1	14.40176	14.28647	13.67131	12.00987	11.62219	12.638032
ENSMUSG Hebp2	0.674604	0.709161	0.294302	2.853748	2.515011	2.741208
ENSMUSG Arfgef3	1.556454	1.763411	1.208347	1.777426	1.679002	2.285614
ENSMUSG Perp	9.756443	10.97212	9.318058	8.600428	6.485838	9.257152
ENSMUSG Tnfaip3	8.935125	6.275806	9.065199	10.39435	11.98326	12.100343
ENSMUSG Frs1	1.330963	1.251418	1.077988	3.07843	2.5571	3.469108
ENSMUSG Rtp1	0	0	0	0	0	0.049825
ENSMUSG Trappc8	17.05924	18.2011	16.32754	15.8082	15.64054	15.895545
ENSMUSG Arhgap44	18.44704	17.70741	15.15125	15.35185	15.73976	17.238849
ENSMUSG Gpr65	1.828604	2.014896	4.226589	5.681556	7.965329	6.006305
ENSMUSG Hacl1	3.107319	3.325191	2.534326	2.86819	3.004024	2.907595
ENSMUSG Rnase6	3.61189	2.353323	4.107284	6.276912	4.891248	4.354166
ENSMUSG Mchr1	0.629377	0.375798	0.170017	0.210187	0.169038	0.235513
ENSMUSG Egr2	2.976964	1.177152	1.773915	6.809666	6.802809	8.543166
ENSMUSG Gm17364	0	0	0	0	0	0
ENSMUSG Gm4340	0	0	0	0	0	0
ENSMUSG Aim2	1.481507	1.828871	2.813325	4.362822	3.469516	3.603816
ENSMUSG Gm29644	0	0	0	0	0	0
ENSMUSG Gm20869	0	0	0	0	0	0
ENSMUSG Cep135	2.786012	3.18763	2.65858	2.651745	2.718138	2.757783
ENSMUSG Gng12	32.4116	31.13561	26.56295	32.63877	33.12277	31.322735
ENSMUSG Glt6d1	0	0	0	0	0	0
ENSMUSG 2310061I0	7.830551	10.90707	9.366629	9.288977	8.911532	10.122354
ENSMUSG Defb46	0	0	0	0	0	0
ENSMUSG Gm6040	0	0	0	0	0	0
ENSMUSG Gm28360	0	0	0	0	0	0
ENSMUSG Usp17lb	0	0	0	0	0	0
ENSMUSG Pld2	11.54068	10.59323	11.30111	9.242237	9.945424	10.250068
ENSMUSG Slc46a1	1.86615	1.70965	1.812861	2.13922	1.539598	2.197757
ENSMUSG Nos2	1.294355	1.358925	0.878537	3.120409	2.478033	3.878593
ENSMUSG Pdcd10	24.05153	24.26003	23.9513	22.19144	22.84947	21.909025
ENSMUSG Vep1	2.344355	2.930844	2.486338	6.823619	6.654126	7.304012
ENSMUSG Ptx3	0.046364	0.185529	0.188251	0.584394	0.491322	0.29462
ENSMUSG Shox2	0	0.159623	0.061112	0.176411	0.042808	0.053599
ENSMUSG Gimd1	0	0	0	0	0	0
ENSMUSG Siah3	0.037209	0	0.022405	0	0	0.03645

ENSMUSG Gm20792	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.230262	0	0.205175	0	0
ENSMUSG Wnt10a	0.022171	0.037514	0.07509	0.141652	0.120268	0.256652
ENSMUSG Pri7c1	0	0	0	0	0	0
ENSMUSG Ccl20	2.181548	0.532309	0.748948	8.347413	6.521878	6.076
ENSMUSG Ipmk	13.80218	13.55427	12.3006	11.01204	11.97841	11.132763
ENSMUSG Rxfp3	0	0	0	0	0	0
ENSMUSG Gm26566	0.09872	0.111178	0.111823	0.2262	0.16866	0.167138
ENSMUSG AC084822	0	0	0	0	0	0
ENSMUSG Tmcc1	12.94906	8.080923	8.27087	6.913002	8.05057	7.014945
ENSMUSG Cops7a	46.32354	41.71136	45.75242	38.78016	39.69145	44.742867
ENSMUSG Lag3	0.337442	0.365222	0.729862	3.584072	3.060831	2.823821
ENSMUSG Lrrc23	12.27162	13.44241	7.332845	20.5506	15.02782	18.602535
ENSMUSG Ptms	231.5574	256.1281	255.6362	204.167	210.3489	206.6805
ENSMUSG Plxnd1	24.51632	21.01409	20.19426	27.1995	27.69604	32.654602
ENSMUSG Cdiptos	1.100397	1.293314	0.779575	1.959394	0.932877	1.08707
ENSMUSG Prokr1	0.129241	0.140635	0.158992	0.316659	0.329735	0.483204
ENSMUSG Taf1c	3.356103	2.97477	3.501232	3.529512	2.431624	3.367526
ENSMUSG Dnaaf1	1.624442	1.96734	1.219726	2.825788	2.557805	2.885931
ENSMUSG Olfr566	0	0	0	0	0	0
ENSMUSG Pbx3	9.250033	10.19819	9.473563	8.664091	8.238966	8.031552
ENSMUSG Mbtpts1	39.85949	39.96687	37.78544	33.35792	35.09513	35.507935
ENSMUSG Pik3r2	17.70807	17.12218	16.3266	16.84864	18.49016	17.708843
ENSMUSG Ogfr	18.44073	18.20776	23.62141	19.77089	17.83427	20.554258
ENSMUSG Hsbp1	65.6807	64.89478	68.23055	64.03799	59.02407	61.674724
ENSMUSG Rarres1	2.15037	1.086687	1.465282	1.597665	2.634617	2.196195
ENSMUSG Kcnd2	0.042081	0.074908	0.025904	0.098121	0.04613	0.024847
ENSMUSG Mindy1	24.76518	22.09963	24.11309	22.47512	21.94299	22.155688
Mus_musc Mus_musc	0.46738	0.365554	0.564759	0.187694	0.382436	0.344555
ENSMUSG Zfp35	6.000058	6.858235	5.706486	5.776248	5.573442	5.493355
ENSMUSG Zfand5	30.6915	28.70141	27.57119	25.33175	25.33465	23.16058
ENSMUSG Traf1	14.97237	15.89152	13.48557	15.67048	15.82654	14.496658
ENSMUSG Hc	58.91864	63.01371	56.66724	159.9222	164.0909	177.32291
ENSMUSG Phf19	0.690017	0.889805	1.146272	1.074018	1.15762	1.2932
ENSMUSG Zeb2	19.14251	22.11819	22.77279	30.67211	30.13235	31.577496
ENSMUSG Cutal	3.927281	4.077974	3.942267	4.957746	3.786052	5.175077
ENSMUSG Ctxn2	0	0	0.071979	0	0	0
ENSMUSG Gsn	638.1007	649.6084	712.8512	536.9502	578.2195	526.43858
ENSMUSG Rab14	61.53119	59.27067	56.97972	50.66992	53.77851	49.395995
ENSMUSG Al606181	1.310168	1.987091	2.25079	1.529799	1.179781	1.085487
ENSMUSG Tmem212	13.74048	13.82674	12.39935	17.87117	16.55721	12.914388
ENSMUSG Pitx1	0.065285	0.037775	0	0.096699	0.125985	0.069286
ENSMUSG Pyurf	3.336045	3.389924	3.212813	4.223581	3.814731	3.381954
ENSMUSG H2-Q7	39.58104	30.4996	125.4001	81.70013	44.04509	64.47175
ENSMUSG Prpf18	24.05983	24.15016	21.1358	18.51307	19.46008	19.537819
ENSMUSG Rasgef1b	13.74855	14.32837	11.44669	6.481405	8.465803	7.770664
ENSMUSG Fezf1	0	0	0	0	0	0
ENSMUSG Aass	2.899738	3.062829	2.333496	5.105171	5.041702	4.623369
ENSMUSG Ssc4d	0.950325	0.950994	0.468149	0.368508	0.760252	0.841132
ENSMUSG Dhx9	38.02214	39.17989	39.5519	35.58346	36.05035	33.823603
ENSMUSG Stn1	7.22247	7.074685	6.59647	6.194901	6.427398	6.986731
ENSMUSG Cps1	0	0	0	0.008521	0	0
ENSMUSG Slc40a1	4.649064	3.217234	3.903127	3.250746	2.989432	2.968569
ENSMUSG Wdr75	7.063532	7.581132	6.85825	7.339197	6.244047	7.466778
ENSMUSG Ikzf2	0.764815	1.065251	0.964169	1.20125	1.144459	1.269791
ENSMUSG Ttyh2	4.054705	3.850848	4.386937	5.029122	4.659302	5.604463
ENSMUSG Sptb	0.669451	0.678427	0.664913	0.411479	0.445725	0.263176
ENSMUSG Rab15	7.895757	8.06554	5.44316	11.79794	14.50038	14.274715
ENSMUSG Fut8	14.70597	13.45353	12.99137	21.24325	22.22335	19.381829
ENSMUSG B3gntl1	1.925375	2.765361	2.251245	2.698947	1.963439	2.747312
ENSMUSG Atl1	0.962225	0.950687	0.680676	0.53724	0.752503	0.843023
ENSMUSG Pygl	29.47698	31.60646	27.37411	30.89242	30.50447	36.638027
ENSMUSG Nin	12.02774	13.52145	11.62958	14.11403	14.77434	15.918511
ENSMUSG Sirt4	4.931161	5.420579	4.248945	4.358795	3.529568	4.715702

ENSMUSG Resf1	20.04508	25.59714	17.66868	16.65113	15.87147	16.720031
ENSMUSG 1700123K	0.042024	0.014149	0.022267	0.06	0	0
ENSMUSG Mdfi	2.810448	2.878459	2.667517	2.968916	2.931195	3.10618
ENSMUSG Chek2	1.077118	1.694155	1.412023	2.565856	2.421446	2.81836
ENSMUSG Trib3	2.534526	2.406569	2.116872	1.652725	2.26353	2.962162
ENSMUSG Syde1	23.08069	21.49662	24.92617	14.81289	14.94101	12.48394
ENSMUSG Sbspon	0.181736	0.585679	0.437156	0.662883	0.539084	0.533658
ENSMUSG Mansc1	5.66872	4.605833	5.01259	5.780252	4.944323	5.138843
ENSMUSG Pxn	60.40923	56.88757	59.61704	43.62606	42.81177	44.250309
Mus_musc Mus_musc	3.001238	1.810853	2.036671	1.643975	1.731477	2.847354
ENSMUSG Vwc2l	0	0	0	0	0	0
ENSMUSG Prss21	0	0.038507	0	0	0	0
ENSMUSG Phldb3	1.673583	2.115151	2.373935	2.011264	2.619081	2.664069
ENSMUSG Prss41	0.409509	0.096963	0.432905	0.39363	0.36529	0.237425
ENSMUSG Ceacam1	22.35634	23.73276	22.84152	22.78632	23.69553	26.253009
ENSMUSG Tedc2	3.440297	3.010426	3.263057	2.333873	3.232523	2.850583
ENSMUSG Traf4	9.657785	7.895318	7.566234	10.03876	10.27805	10.941355
ENSMUSG Serpinb3a	0	0	0	0	0	0
ENSMUSG Dnd1	0.819981	0.758887	0.858753	0.852461	0.319781	0.804859
ENSMUSG Mycs	0	0	0	0	0	0
ENSMUSG Tex13c3	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.179325	0.097364	0.313382
ENSMUSG Ubash3a	0.813802	0.369065	0.674683	1.250123	0.754694	1.44716
ENSMUSG Ctf1	1.964445	2.249246	2.288778	1.617198	1.82595	1.580836
ENSMUSG Ikbke	2.969986	2.691038	3.105525	3.882089	3.943258	5.139922
ENSMUSG Arl15	21.67096	20.54884	17.22908	14.80743	14.22107	13.662365
ENSMUSG Trappc2	10.74947	10.1162	10.84565	9.619512	8.170094	7.72705
ENSMUSG Taar7b	0	0	0	0	0	0
ENSMUSG Gm5039	0	0	0	0	0	0
ENSMUSG B3galt5	0.014311	0.046246	0.014328	0.075082	0.238261	0.20326
ENSMUSG Lcmt2	3.007476	3.477993	3.072401	3.230926	2.905341	2.824881
ENSMUSG Ifit3	37.12289	35.08725	44.61077	25.43154	24.83428	23.11492
ENSMUSG Eif4e1b	0	0	0	0	0.043979	0
ENSMUSG Paxbp1	7.973245	8.931843	9.305204	9.485173	8.800358	9.747334
ENSMUSG Fam133b	9.523429	9.72981	9.44919	8.191467	8.240112	7.539252
ENSMUSG Ddx39	12.66234	12.31228	14.87614	11.94373	12.23373	13.585368
ENSMUSG Pcgf5	9.647181	7.679528	8.165614	7.379808	6.156438	6.612355
ENSMUSG Mlana	1.640673	2.260891	3.470241	1.370342	1.314038	0.931279
ENSMUSG Syvn1	15.19035	14.48712	17.24885	26.45094	24.45073	24.570024
ENSMUSG Rpp30	6.463072	7.586805	6.718247	6.256973	5.461034	6.050372
ENSMUSG Ankrd1	12.3077	23.50017	14.79369	10.02205	6.849018	7.432359
ENSMUSG Mis18a	9.06691	9.355158	11.31879	9.857108	9.608704	10.293288
ENSMUSG Prss34	0	0	0.105793	0	0	0.045292
ENSMUSG Sez6	0	0.020349	0	0	0.032811	0.013035
ENSMUSG Gm10065	0	0	0	0	0.001276	0
ENSMUSG Ptk2b	12.17311	10.45378	13.51306	17.15956	17.00871	17.441926
ENSMUSG Plac8l1	0	0	0.096978	0	0	0
Mus_musc Mus_musc	0.25464	0.213416	0	0.064855	0.274034	0
ENSMUSG Gm11985	0	0.103894	0	0	0	0
ENSMUSG Trp53bp1	4.991049	4.808651	4.5647	4.560656	4.631614	4.985655
ENSMUSG Hist1h1e	0.419383	0.934752	0.550155	0.921302	1.327026	0.762623
ENSMUSG Ranbp1	33.58623	34.29804	36.00683	38.88796	36.64349	37.332005
ENSMUSG 9130019O	2.378737	2.216744	2.551121	1.858197	1.82123	2.024104
ENSMUSG Prr14	26.03586	23.02618	24.54723	19.46455	20.05828	18.127417
ENSMUSG Fgf21	0	0	0	0.147667	0.117787	0
ENSMUSG Bcat2	14.45007	13.3867	13.31067	18.01314	19.40618	20.205516
ENSMUSG Hsd17b14	0.139715	0.049599	0.338355	0.353004	0.370984	0.240232
ENSMUSG Nucb1	43.26617	40.64985	45.56325	49.47732	51.9258	52.705346
ENSMUSG Usp45	4.741114	4.82706	4.712076	4.31101	4.569424	4.414405
ENSMUSG Hypm	0	0	0	0	0	0
ENSMUSG Sgms1	41.92058	42.42551	35.70807	25.28306	28.98274	25.63671
ENSMUSG Cdh12	0.007078	0	0	0	0	0
ENSMUSG Atp6v1f	67.57292	71.76394	77.95222	83.47664	80.5155	91.043144
ENSMUSG Arglu1	16.29851	14.74534	17.62828	14.27968	12.56324	12.590271

ENSMUSG Gpr1	0	0	0	0	0	0.044622
ENSMUSG Pip5kl1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.076445	0	0.217125	0.095361	0	0
Mus_musc Mus_musc	0.673674	0.539148	0.543188	0.407369	0.760338	0.146754
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.046787	0.181083	0.178479	0.098617	0.254113	0.067878
ENSMUSG Pfkfb2	16.67947	18.4864	13.7924	20.80182	19.45354	19.932074
Mus_musc Mus_musc	2.079122	1.723499	1.886328	1.548909	1.079604	2.060428
ENSMUSG Cacna1s	0.10063	0.174558	0.125093	1.01532	1.028755	1.011032
ENSMUSG Ddx59	3.226137	2.9717	2.860176	3.117026	2.705014	2.942983
ENSMUSG C4bp	0	0.030659	0.016644	0.147728	0.11361	0.278686
ENSMUSG Olfr1459	0	0	0	0	0	0
ENSMUSG Cd55b	0.737562	0.600079	0.413309	1.283823	1.392221	1.492312
ENSMUSG Nbn	10.10605	9.218174	9.299982	7.707492	8.156231	8.436979
ENSMUSG Gm13271	0	0	0	0	0.051009	0.148959
ENSMUSG Olfr491	0	0	0	0	0	0
ENSMUSG A630076J1	0	0	0	0	0	0
ENSMUSG Gm20888	0	0	0	0	0	0
ENSMUSG Dnajb7	0	0.161834	0.030246	0.163758	0	0.074001
ENSMUSG Cldn14	0	0	0	0	0	0
ENSMUSG Kif20a	0.391168	0.620615	0.700736	1.764555	2.318676	3.290498
ENSMUSG Brd8	13.64584	13.07818	12.57396	10.55553	12.58443	11.205711
ENSMUSG Tas2r139	0	0	0	0	0	0
ENSMUSG Pbp2	0	0	0	0	0	0.021601
ENSMUSG Cacna1d	3.331274	3.468274	3.307964	4.668732	3.911831	4.269866
ENSMUSG Il17rb	0.331584	0.287156	0.691955	0.30597	0.410455	0.357141
ENSMUSG Rad51c	0.609858	0.527954	0.589064	0.482732	0.578964	0.594262
ENSMUSG 1700016C	0.113113	0.126984	0	0.205511	0.369495	0.127827
ENSMUSG Adss	23.56146	23.68325	22.42512	24.21633	23.3357	26.413433
Mus_musc Mus_musc	0.285617	0	0	0	0	0
ENSMUSG Adgb	1.309585	1.286512	0.814879	1.460717	1.506465	1.351675
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Cetn1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.140076	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.159193
Mus_musc Mus_musc	0	0	0	0.25844	0	0.116712
Mus_musc Mus_musc	0.075341	0.172858	0	0.075089	0.261215	0.050702
ENSMUSG Mrgprx1	0	0	0	0	0	0
ENSMUSG Mrgprb5	0	0	0	0	0	0
ENSMUSG Pex16	10.55117	9.764052	9.246888	10.02981	8.41725	7.802444
Mus_musc Mus_musc	0.251148	0.212363	0.160201	0.22221	0.211399	0.276199
ENSMUSG Taf7l	0	0	0	0	0	0
Mus_musc Mus_musc	2.512962	1.811451	1.844664	1.064889	1.357169	1.858729
Mus_musc Mus_musc	0.361527	0.545918	0.610214	0.673159	0.795514	0.540201
Mus_musc Mus_musc	0	0	0.447792	0.134169	0	0.115317
Mus_musc Mus_musc	0	0.126771	0.272327	0.261872	0.114561	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.131914	0	0.329366	0	0.263852
ENSMUSG Olfm1	8.101628	8.361124	11.29172	13.98972	14.60838	17.565603
ENSMUSG Slurp2	0.712449	0.710389	0.092992	0.621988	0.218207	0.101387
ENSMUSG Ermn	0	0	0.041827	0.014553	0	0
Mus_musc Mus_musc	0	0	0	0.237606	0.034155	0.19061
ENSMUSG Zc3h3	6.585658	5.393986	5.899047	5.150143	4.280291	3.950746
Mus_musc Mus_musc	0.665031	0.826652	0.674895	0.522844	0.481286	0.922447
Mus_musc Mus_musc	1.242665	1.046192	1.241005	1.56771	1.048792	0.911645
ENSMUSG Chil1	258.3299	257.8858	228.985	741.7953	916.9854	913.46834
ENSMUSG Plcx1	0.994113	1.043967	0.414433	0.692919	0.797812	1.606183
ENSMUSG Ly6a	371.0593	337.7658	750.4702	435.9673	324.5877	331.07189
ENSMUSG Mertk	14.30545	13.29256	14.83277	12.24694	13.32828	12.268209
Mus_musc Mus_musc	0	0	0	0.548455	0	0.076581
Mus_musc Mus_musc	0	0	0	0.05329	0	0

Mus_musc Mus_musc	0	0	0	0	0	0.245218
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.065549	0.140169	0.116775	0.099141	0.390492	0.177582
ENSMUSG Cd8a	1.995945	1.311823	1.311206	2.72183	2.605813	2.934722
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	2.871683	2.403026	2.782924	1.855732	1.884244	1.526988
Mus_musc Mus_musc	0	0.321209	0	0.195149	0	0.136305
ENSMUSG Scgb1b3	0	0	0	0	0	0
Mus_musc Mus_musc	0.116868	0.181072	0.14029	0.132728	0.127832	0.105928
ENSMUSG Gm10697	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Zfp799	1.860914	1.699992	1.465088	1.387943	1.768357	1.271907
ENSMUSG Btnl6	0	0	0	0.022857	0	0
ENSMUSG Gm7903	0	0	0	0	0	0
ENSMUSG Gm45521	0	0	0	0	0	0
ENSMUSG Arrdc2	5.423813	6.196091	6.445004	3.662172	4.279655	3.99735
ENSMUSG Ai597479	10.60192	10.64145	9.978616	8.427706	8.109509	8.062596
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Cyb561d1	5.845098	4.478581	5.662982	5.472291	5.288471	4.777049
ENSMUSG Gyg	33.545	30.14565	42.5326	59.98686	59.5012	62.298072
ENSMUSG Thg1l	1.964965	1.963201	1.980926	2.601933	2.568057	2.912147
ENSMUSG Gm28168	0	0	0	0	0	0
ENSMUSG Rpl37a	190.0982	191.1988	193.8274	207.8981	192.318	220.13833
ENSMUSG AY761185	0	0	0	0	0.246284	0.328082
ENSMUSG Zc3h18	16.56984	17.0274	17.21475	15.15833	15.60437	15.749659
Mus_musc Mus_musc	7.369795	6.894156	5.454128	5.034474	5.491279	5.201349
Mus_musc Mus_musc	0.582734	0.593353	0	0.483008	0.478257	0.183866
Mus_musc Mus_musc	0	0.649254	1.215881	0.706127	0.493401	0.34394
Mus_musc Mus_musc	1.933776	1.49999	1.626982	1.129269	1.021672	1.026769
Mus_musc Mus_musc	0	0	0	0.046982	0.209501	0.249749
Mus_musc Mus_musc	0	0.175787	0	0	0	0
ENSMUSG Casd1	13.07689	12.88264	12.36551	12.48612	12.19392	11.333576
ENSMUSG Otor	0	0	0	0	0	0
ENSMUSG Cep120	13.09251	13.97399	13.20116	10.91652	11.1305	10.230851
Mus_musc Mus_musc	0.030384	0.188098	0.036794	0	0	0.126817
ENSMUSG Slc47a1	0.691302	0.773914	0.347768	0.306031	0.166379	0.091507
ENSMUSG Olfr1090	0	0	0	0	0	0
ENSMUSG Rpusd1	4.578652	5.161705	5.581506	3.832242	4.849343	4.738082
ENSMUSG Pla2g5	0.067847	0.202577	0.05336	0.703098	0.607069	0.795741
ENSMUSG Vps16	13.25788	11.77278	12.37936	10.52803	11.20901	11.796457
ENSMUSG Cxcr3	1.714986	1.416775	2.205149	3.467154	2.274174	4.204575
ENSMUSG Gja4	46.2419	38.47054	38.79867	31.27416	25.69806	27.474905
ENSMUSG Krtap24-1	0	0	0	0	0.017425	0
ENSMUSG Gm36368	0	0	0	0	0	0
ENSMUSG Gm5485	0	0.052829	0	0.131343	0	0
ENSMUSG Olfr1079	0	0	0	0	0	0
ENSMUSG Mmrn2	10.98614	7.802053	11.66576	9.163479	8.462368	8.711559
ENSMUSG Arhgap32	3.731437	3.786162	2.739902	2.859487	3.149828	2.807738
ENSMUSG Gk5	1.479208	1.587672	1.656614	0.680948	1.745675	1.547719
ENSMUSG Etaa1	2.988621	2.707639	3.191703	2.62413	2.710117	2.807399
ENSMUSG Pom121l2	0	0	0	0	0	0
ENSMUSG Adgre1	6.217288	7.694884	8.549663	15.5724	17.83857	20.226451
ENSMUSG C1qa	24.0569	25.42794	28.5377	128.1374	128.2826	129.86762
ENSMUSG Dpep2	0.040297	0.010458	0.039937	0.020649	0.017845	0.058984
ENSMUSG Arhgap33	1.6364	1.461375	1.771067	1.700339	1.794581	1.756814
ENSMUSG Acaa2	66.52168	69.55743	54.7365	54.32354	59.07667	54.804508
ENSMUSG Top3b	14.34174	14.12179	14.41247	13.51262	12.6383	12.700187
ENSMUSG Dlg1	24.39064	23.68516	20.60237	19.01655	19.58838	18.35017
ENSMUSG Ppil2	22.68634	23.14476	23.8069	22.68176	22.56331	22.228399
ENSMUSG Senp5	8.159157	7.500497	7.76145	7.500331	7.226988	7.799366
ENSMUSG Ypel1	0.717255	0.816685	0.768954	0.774137	0.876408	0.502828
ENSMUSG Ncbp2	19.61254	21.67411	20.89977	19.0169	19.30282	19.197903
ENSMUSG Lgals2	3.573918	4.702001	3.740566	1.646099	1.841064	1.884798
ENSMUSG Olfr1291-r	0	0	0	0	0	0

ENSMUSG Camta2	14.18444	14.53273	14.58693	13.06039	13.07663	13.03082
ENSMUSG Creg1	60.56869	58.75634	58.50763	71.72987	71.86874	77.551511
ENSMUSG St8sia4	13.79388	13.65121	12.37372	14.88677	14.04762	13.454976
ENSMUSG Vmn1r163	0	0	0	0	0	0
ENSMUSG Il17rd	8.463681	8.178748	7.477075	4.92205	5.53053	4.803616
ENSMUSG Vmn1r160	0	0	0	0	0	0
ENSMUSG Rsc1a1	0.166637	0.025111	0.691994	0.03358	0.327698	0.044585
ENSMUSG Gm21773	0	0	0	0	0	0
ENSMUSG A030005L1	0.147672	0.063753	0.216515	0	0.056749	0.138711
ENSMUSG Pld4	13.8663	12.79735	19.66251	26.34031	24.33809	23.685852
ENSMUSG Aldh1a2	11.4835	14.87261	9.964883	10.48367	7.771275	16.797192
ENSMUSG Twnk	3.301008	3.972136	3.250665	3.597814	3.332308	3.367165
ENSMUSG Mrpl43	20.99426	19.47019	19.28198	20.59373	21.20736	22.518097
ENSMUSG Ybx1	267.9325	271.6878	283.9096	252.2029	272.3332	260.96959
ENSMUSG Mogat1	0	0.081427	0.061356	0.227644	0.187605	0.250466
ENSMUSG Ccdc30	1.969076	2.075653	1.404947	2.754375	2.493196	2.124866
ENSMUSG Ppcs	5.962325	5.905942	7.709121	6.552081	7.401268	7.023302
ENSMUSG Edn2	0	0	0	0.060108	0.113522	0.037795
ENSMUSG Hivep3	1.866707	1.723467	1.52252	1.931125	1.840419	2.401966
ENSMUSG Ctps	14.45882	15.47862	17.14002	12.52833	13.84181	15.328119
ENSMUSG Ndufb8	39.2014	43.04989	46.79333	45.09339	47.1651	52.045092
ENSMUSG Kcnq4	1.30636	1.422409	1.661988	1.200796	1.122512	0.986353
ENSMUSG Dyrk2	17.70349	16.59964	15.90996	13.59356	14.52136	12.725101
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Mmd2	0	0.013863	0	0.015424	0	0.102394
Mus_musc Mus_musc	0	0.097867	0.306976	0.219272	0.192331	0.336233
ENSMUSG Eme1	0.167384	0.088975	0.032856	0.477279	0.690823	0.543363
ENSMUSG Myo16	0.268926	0.152437	0.170491	0.076219	0.038021	0.037999
ENSMUSG Osbpl2	29.0407	29.21104	28.19197	21.20675	23.37899	23.66139
ENSMUSG Olfr686	0	0	0	0	0	0
ENSMUSG Pop5	12.09635	12.26153	10.45298	12.30959	15.9798	13.899731
ENSMUSG Hrh3	0.060176	0	0.0108	0.058648	0	0.030357
ENSMUSG Ak5	0.190295	0.317952	0.316317	0.124058	0.177149	0.16063
ENSMUSG Pla2g7	9.603893	7.187578	15.94127	38.62751	42.66366	41.821861
ENSMUSG Slc25a27	1.862919	1.478406	1.525499	1.023745	1.296775	0.868251
ENSMUSG Flywch2	2.559996	2.232403	2.878382	3.707354	1.347736	2.279079
ENSMUSG Gpc3	72.7279	85.87817	70.47485	56.44837	46.73304	64.211344
ENSMUSG Tnfrsf21	23.81664	22.90235	18.44096	13.83771	17.45988	14.454482
ENSMUSG Mep1a	0	0	0	0.037126	0	0
ENSMUSG Cenpq	1.657205	1.681888	2.494377	1.989819	2.52667	2.696483
ENSMUSG Adgrf4	0.018434	0	0.0477	0	0	0
ENSMUSG Gbx1	0.031384	0	0.014098	0.041764	0	0
ENSMUSG BC003965	4.198686	4.24707	4.584916	4.590121	4.621714	4.389711
ENSMUSG Tbx3	49.52671	45.24025	47.12283	26.36646	24.14449	19.110779
ENSMUSG Gm17175	0	0	0	0	0	0
ENSMUSG Phf11c	0.48019	0.350232	0.759637	0.78775	0.511852	0.824578
ENSMUSG Gm3182	0	0	0	0	0	0
ENSMUSG Olfr548-ps	0	0	0	0	0	0
ENSMUSG Olfr547	0	0	0	0	0	0
ENSMUSG Olfr555	0	0	0	0	0	0
ENSMUSG Olfr554	0	0	0.011151	0	0	0
ENSMUSG Olfr553	0	0.023232	0	0.003111	0	0.012659
ENSMUSG Olfr552	0.013367	0.03882	0	0	0	0.027416
ENSMUSG Olfr551	0.012893	0.025803	0.00932	0	0.051215	0.014728
ENSMUSG Olfr550	0.381439	0.551649	0.477066	0.256247	0.244581	0.155618
ENSMUSG Gm37240	1.811741	2.638748	2.118721	1.541934	5.207917	1.973932
ENSMUSG Olfr549	0	0.046406	0	0	0	0
ENSMUSG Grk4	1.205046	1.479018	1.172171	2.159497	1.298163	2.106318
ENSMUSG Olfr573-ps	0	0	0	0	0	0
ENSMUSG Rpl12	184.3526	174.3742	190.6506	224.4786	209.007	221.8331
ENSMUSG Pogz	7.948954	8.24033	7.894018	6.333312	6.874987	6.044582
ENSMUSG Ccdc68	16.11324	16.80965	17.44718	12.70323	12.33093	11.581991
ENSMUSG Kat7	21.63167	20.72236	20.33637	16.54896	19.51929	17.480833
ENSMUSG Gm18596	0	0	0	0	0	0

Mus_musc Mus_musc	0.154983	0	0	0	0	0.334326
ENSMUSG Rtl5	2.409427	2.256584	2.391166	2.522258	2.548678	2.125198
ENSMUSG Poc1b	7.574575	7.393896	7.242986	4.950712	7.008045	5.592876
ENSMUSG Uhrf1bp1l	11.52785	11.04972	8.885536	14.73432	13.39907	14.449764
ENSMUSG 1700016K	5.529472	7.88904	4.846138	9.962378	11.06127	8.325779
ENSMUSG RPS10-NU	0	0	0	0	0	0
ENSMUSG Nlrp4f	0	0	0	0	0	0
ENSMUSG Foxj3	13.01752	13.66326	11.46013	11.61426	10.97402	10.758289
ENSMUSG Chpf	13.43441	11.68288	12.97805	14.04342	14.78532	14.944865
ENSMUSG Polrmt	7.282468	6.544145	7.117673	5.508763	6.35664	6.323109
ENSMUSG Nudcd2	9.298561	8.534648	9.057944	10.9309	11.53893	11.969185
ENSMUSG Olfr816	0	0	0	0	0	0
ENSMUSG Prss57	0	0.042973	0.052074	0.072612	0.027986	0.083403
ENSMUSG Fstl3	16.35922	13.33826	15.8573	10.30358	10.89492	10.129541
ENSMUSG Itga6	20.30386	17.58912	23.1661	15.53663	15.20368	13.258072
ENSMUSG Ccng1	34.50315	37.53461	34.47611	43.38418	42.0369	42.390137
ENSMUSG Gng7	1.291897	1.285989	1.174655	1.33108	0.905836	0.837259
ENSMUSG 4930467E2	0.034336	0.06048	0.030575	0.059179	0	0
ENSMUSG Crebrf	19.63547	19.9203	17.53037	15.89765	15.29429	14.002512
ENSMUSG Olfr1392	0.01537	0	0	0	0	0.011292
ENSMUSG Msi1	0.099687	0.37817	0.21148	0.135192	0.29587	0.203939
ENSMUSG Fgfr3	64.86905	63.27583	65.86615	32.26637	32.27433	32.091226
ENSMUSG Pwil2	0.085746	0.036882	0.071272	0.333248	0.202035	0.286133
ENSMUSG Mrpl44	8.716607	9.522312	10.19546	8.715848	11.32806	10.587352
ENSMUSG Serpine2	24.5772	25.63461	26.19122	30.27613	35.52177	32.563883
ENSMUSG Farsb	12.61866	13.984	12.6282	13.78908	14.51859	13.909254
ENSMUSG Alpl2	0	0	0	0	0	0
ENSMUSG Ecel1	0.054928	0	0	0.053817	0	0.018157
ENSMUSG Cops7b	3.609337	4.777181	4.564198	5.167235	4.474966	5.237187
ENSMUSG Nppc	0.156994	0.044427	0.20428	0.049433	0.112338	0.22113
ENSMUSG Ryr1	0.134945	0.100274	0.100846	0.174455	0.109939	0.16387
ENSMUSG Psmc8	48.96464	49.90843	47.9973	61.62519	58.42825	62.45056
ENSMUSG Fam98c	11.6001	9.42078	10.80088	7.622629	9.399431	10.812702
ENSMUSG Nfkbib	16.71551	17.18252	16.49283	17.98957	17.88001	19.696004
ENSMUSG Fbxo17	0.876967	1.017982	1.003537	1.560815	0.597162	1.103531
ENSMUSG Prss29	0	0	0	0	0	0
ENSMUSG Ccdc182	0	0	0	0	0	0
ENSMUSG Rpap1	5.227966	4.676924	4.394705	4.502927	5.341792	5.20501
ENSMUSG Ccdc17	5.570068	5.531969	4.611712	8.98681	5.766725	6.874938
ENSMUSG Fgd5	25.76567	22.58489	23.12655	13.71806	15.5079	14.101871
ENSMUSG Gm14548	2.323284	2.201761	2.957123	2.91735	3.567635	4.07078
ENSMUSG Nop9	5.917424	4.972397	5.010163	5.090246	6.817717	6.724398
ENSMUSG Gm15448	2.370934	2.270258	2.498435	3.73161	3.865102	4.806912
ENSMUSG Irx1	68.43422	64.91674	59.53014	42.04114	56.70702	53.603218
ENSMUSG Dmkn	5.330234	8.37226	3.883066	10.55044	9.344883	11.186925
ENSMUSG Slc4a4	3.507541	3.605998	3.125405	2.46381	2.575984	2.525822
ENSMUSG Etd	0	0	0	0	0	0
ENSMUSG Homer3	25.72721	25.41638	28.07059	18.92056	19.55534	18.387825
ENSMUSG Nagpa	14.37654	10.85115	13.82209	13.80279	15.19725	14.373082
ENSMUSG Crtc1	3.150428	2.974913	2.907512	2.934911	2.771066	3.279102
ENSMUSG Wrb	7.293545	7.328075	7.19349	6.916812	6.954495	6.284644
ENSMUSG 4930444G	0	0.026023	0	0	0	0
ENSMUSG Gm11568	0	0	0	0	0	0
ENSMUSG Gm11563	0	0	0	0	0	0
ENSMUSG Bloc1s6	9.888947	10.23132	11.96031	9.761212	10.48224	10.531764
ENSMUSG Mmp8	2.249166	1.985085	2.749305	1.667326	1.409315	1.018683
ENSMUSG Sqor	23.61982	29.2841	27.48732	22.13451	20.95466	20.40776
ENSMUSG Slc30a4	8.557479	7.93069	6.761513	6.522881	7.352381	6.536754
ENSMUSG 5730507C	0.205118	0.271347	0.187749	0.322839	0.279231	0.375872
ENSMUSG Gm45753	0	0	0	0	0	0
ENSMUSG Cbr4	1.527401	1.332519	1.757886	1.816549	2.104975	1.838742
ENSMUSG Sh3rf1	7.819506	9.910665	8.87853	6.355856	6.151203	7.325899
ENSMUSG Nek1	4.815482	5.260841	4.334037	5.184337	5.033344	4.453306
ENSMUSG F11	0	0.063102	0.006788	0	0.034838	0

ENSMUSG Mfap3l	7.053118	8.412035	6.686769	6.750041	7.08868	6.682544
ENSMUSG Catsperg1	0.945343	0.78257	1.307321	0.759863	0.443295	0.835422
ENSMUSG Olfr714	0	0	0	0	0	0
ENSMUSG Zbtb14	10.83411	13.8297	11.36646	9.427378	9.44811	9.351869
ENSMUSG Morn4	1.108412	0.836805	0.600672	1.605721	1.265211	1.108972
ENSMUSG Nacc2	7.003052	7.544568	7.605933	6.92872	7.389969	7.369263
ENSMUSG Camsap1	6.521819	6.752827	5.536243	4.362892	4.766463	4.354758
ENSMUSG Gpsm1	8.249135	8.044839	8.111939	4.98185	5.629818	5.725887
ENSMUSG 1700019N	0	0	0	0	0	0
ENSMUSG Lcn3	0	0	0	0	0	0
ENSMUSG Lcn5	0	0	0	0	0	0
ENSMUSG Lhx3	0.025375	0	0	0	0	0
ENSMUSG Fcna	1.2376	2.147246	0.644392	5.134996	3.46957	7.108396
ENSMUSG Tmem141	4.373446	6.952263	6.308233	7.440782	5.004177	5.842063
ENSMUSG Nlrp4c	0	0	0	0	0	0
ENSMUSG Ptpn11	37.78272	38.05994	38.5051	28.9116	30.01379	30.98594
ENSMUSG Fip111	18.57657	20.14801	17.73174	15.41119	16.89788	17.700495
ENSMUSG Uchl1	1.168287	1.834274	1.252166	0.63626	0.421287	0.698406
ENSMUSG Cct5	66.51453	75.10264	74.86953	71.78372	72.38667	73.96337
ENSMUSG Slc30a9	13.07029	14.90378	13.06855	10.36328	10.89095	10.361071
ENSMUSG Ropn1l	0.959609	1.04324	0.579538	2.162746	2.073514	2.51394
ENSMUSG Chic2	2.80504	2.940293	2.615541	2.740535	2.360208	2.332817
ENSMUSG Lnx1	1.112482	1.137658	0.911813	1.246933	1.399824	1.482996
ENSMUSG Lzts2	30.73078	29.84467	32.87388	24.94795	24.63592	25.690153
ENSMUSG Eqtn	0	0.043615	0	0	0	0
ENSMUSG Ift74	4.910574	6.179971	5.066031	6.358179	6.080393	5.448786
ENSMUSG Plaa	15.07159	14.53101	13.73353	16.05947	15.99098	15.612034
ENSMUSG Cyp2j13	0	0	0	0	0	0
ENSMUSG Hook1	4.326392	3.981489	3.33785	5.382935	5.536034	5.404684
ENSMUSG Fggy	1.155091	0.839959	1.9394	1.304969	1.507027	1.288924
ENSMUSG Caap1	3.487238	4.224769	3.936565	3.536319	2.90587	3.071898
ENSMUSG Kctd4	0	0	0	0.027247	0.012515	0
ENSMUSG Olfr689	0	0	0	0	0	0
ENSMUSG Gm4871	0	0	0	0	0.040875	0
Mus_musc Mus_musc	1.512113	1.119934	1.49396	1.433716	1.087481	0.949069
Mus_musc Mus_musc	0.056697	0.172651	0.114519	0.524433	0.587368	0.371888
ENSMUSG Fbxw20	0	0	0	0	0	0
ENSMUSG Sra1	25.22742	17.89365	22.55182	23.67291	20.51938	21.501925
ENSMUSG Atp5g1	15.18167	22.18557	17.90615	27.69791	21.82926	23.413622
ENSMUSG Calcoco2	0.292197	0.443889	0.0865	0.114651	0.30958	0.343173
ENSMUSG Olfr692	0	0.039331	0	0	0	0
ENSMUSG Snf8	22.22361	21.97766	24.64698	22.75445	21.79176	24.401555
Mus_musc Mus_musc	0	0	0	0.157538	0.258209	0
ENSMUSG Zfp386	5.40462	4.82755	4.096422	5.501237	5.092311	5.382436
Mus_musc Mus_musc	0	0	0	0	0.087977	0.304813
Mus_musc Mus_musc	0.600705	0.308281	0.364976	0.159108	0.267825	0.272837
ENSMUSG Tmcc2	84.41415	78.77082	128.6648	55.32853	51.09577	49.90117
ENSMUSG Myo3b	0.118557	0.101228	0.111472	0.128954	0.091108	0.208648
Mus_musc Mus_musc	0	0	0	0	0.903984	0
ENSMUSG Ift22	4.802265	6.115016	5.154529	5.517312	4.948081	5.024318
Mus_musc Mus_musc	0	0.21626	0	0	0	0
Mus_musc Mus_musc	0.483885	0.756131	0.369094	0.447992	0.446495	0.3393
ENSMUSG Lmo2	43.00797	34.87165	44.94294	29.00533	26.0651	28.000237
ENSMUSG Oas2	2.478569	1.987706	6.077096	2.399739	1.805622	1.847959
ENSMUSG Nlrp3	1.469296	1.366699	1.66166	0.960867	0.778481	0.645637
ENSMUSG Fbxo48	0.394866	0.121374	0.269723	0.321407	0.192689	0.62205
ENSMUSG Napepld	2.506361	3.173072	2.591261	2.96353	2.935068	3.065717
ENSMUSG Mroh3	0	0	0	0.036499	0.010312	0
ENSMUSG Kif28	0.000348	0.005083	0.000421	0.00041	6.60E-05	0.000101
ENSMUSG Cxcr4	50.17376	35.3587	40.4746	48.15672	61.14034	57.78845
ENSMUSG Olfr433	0.038997	0.016981	0.091651	0.107844	0.09615	0.108309
ENSMUSG Olfr808	0	0	0	0	0	0
ENSMUSG Hhatl	0.245949	0.514419	0.250242	0.472992	0.389159	0.399997
ENSMUSG Nktr	15.29581	15.84622	15.56923	16.30998	15.44713	16.160618

ENSMUSG Ss18l2	6.494553	8.702254	10.36956	9.31189	8.908385	9.209727
ENSMUSG Pccb	24.77428	28.02237	22.12304	23.09553	20.88056	22.510416
ENSMUSG Vipr1	1.351855	1.559997	1.005392	1.457039	1.638719	1.750164
ENSMUSG Serpina3k	0.12185	0	0.609274	0.09219	0.653028	0.117758
ENSMUSG Olfr66	0	0	0	0	0	0
ENSMUSG Ccdc178	0	0	0	0	0.015934	0
ENSMUSG Cdh2	1.29442	1.923146	1.926353	1.243104	1.473262	0.959723
ENSMUSG Tmprss11c	0	0	0	0	0	0
ENSMUSG Cldn34c1	0	0.009948	0	0	0	0
ENSMUSG Olfr728	0	0	0	0	0	0
ENSMUSG Myo1f	12.75225	10.72732	18.54921	24.7822	24.16687	28.856405
ENSMUSG Pfdn6	22.94313	21.29048	25.33747	21.81326	18.32328	18.910268
ENSMUSG Tapbp	90.25161	78.95496	123.0176	97.10888	88.09387	95.220099
ENSMUSG Olfr1288	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.306214	0.182128	0.160682
ENSMUSG Lrrc3c	0	0	0	0	0	0
ENSMUSG Ccdc141	14.22157	13.54752	13.45355	11.0073	10.20035	10.359506
Mus_musc Mus_musc	0	0	0	0.129352	0.269459	0.184186
ENSMUSG Irf2bp1	15.68866	13.76129	13.71157	11.07453	11.60019	12.523789
ENSMUSG Als2cl	23.52551	21.30946	22.75658	15.95124	15.58532	15.381323
Mus_musc Mus_musc	0	0	0	0.390445	0.31234	0.602624
Mus_musc Mus_musc	0.088087	0	0.248078	0.391928	0	0
ENSMUSG Npb	0	0.162281	0.566341	0.411603	0	0.218849
Mus_musc Mus_musc	0.125888	0.289248	0.152303	0.298419	0.164845	0.308675
Mus_musc Mus_musc	0.404602	0.420971	0.121788	0.421557	0.322797	0.291214
ENSMUSG Nfix	25.99561	22.34276	22.49218	19.5969	20.07395	19.450523
ENSMUSG Nacc1	20.04002	21.22475	20.00549	20.96352	20.04514	23.349371
Mus_musc Mus_musc	0	0	0.45733	0.227328	0.658923	0.147667
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Ccdc28a	4.880138	5.641351	4.294315	6.03461	5.265505	4.424254
ENSMUSG Tor4a	19.22635	19.10552	18.26461	21.44042	21.52876	21.662811
ENSMUSG Stard6	0.323084	0.387978	0.440091	0.517386	0.375676	0.578742
ENSMUSG Ap1ar	15.17493	14.3356	16.17116	12.83468	12.69053	12.557957
ENSMUSG Olfr419	0	0.084813	0	0	0	0
ENSMUSG Mbp	13.85846	14.30457	12.51648	12.98144	11.61679	13.807641
ENSMUSG Inava	0.632608	0.934035	0.5811	1.811313	1.444849	2.371573
ENSMUSG Bicdl1	7.37261	6.0676	6.484465	6.097702	4.472299	5.918888
ENSMUSG Entpd3	1.001527	1.062222	0.861462	0.58716	0.67459	0.712501
ENSMUSG Ccdc126	8.723826	9.711159	8.20521	6.914223	8.099854	6.205919
ENSMUSG Frat2	1.768157	1.719395	1.470706	1.400987	1.471077	1.529146
ENSMUSG Ankrd34c	0	0	0	0	0	0
ENSMUSG Zfp235	2.414624	2.400961	2.667051	2.297327	2.383187	1.89427
ENSMUSG Fry	8.988256	11.51177	8.193849	5.26643	6.867964	5.943909
ENSMUSG Acsbg1	0.638724	0.268327	0.337755	1.245938	0.883483	1.419321
ENSMUSG Mcfd2	42.85952	42.82367	50.49627	42.54691	43.72274	47.494907
ENSMUSG Fam83d	0.405686	0.639982	0.434492	0.692762	0.782444	1.123569
ENSMUSG Dhx35	4.260109	4.602361	3.734009	3.771074	3.549855	3.970801
ENSMUSG Wisp2	21.71506	15.35467	27.77029	20.25482	13.75007	16.592728
ENSMUSG Tti1	7.282977	7.067938	7.025856	6.414677	6.507662	6.535048
ENSMUSG Rprd1b	11.90701	11.39104	10.95253	9.900826	10.27387	10.161536
ENSMUSG Ralgapb	14.77225	16.01455	12.74051	13.24137	13.05218	13.11709
ENSMUSG 4930564Dl	0	0	0	0	0	0.02924
ENSMUSG Gtf2a1l	0	0	0	0	0	0
ENSMUSG Otulinl	8.435074	8.546817	11.07373	9.624365	9.585102	9.576579
ENSMUSG 9330159F1	0.925085	0.49192	0.469507	0.268728	0.353637	0.298288
ENSMUSG Sst	0.078238	0	0	0.062752	0	0
ENSMUSG Cul3	25.24337	25.03586	23.1094	22.08346	22.20457	21.194461
ENSMUSG Hnrnpr	16.30061	13.60827	12.05114	15.54532	15.14548	17.477968
ENSMUSG Ubr4	19.36341	19.1047	16.72731	16.71873	17.98982	17.470664
ENSMUSG Gm13023	0	0	0	0	0	0
ENSMUSG Oog2	0	0	0	0	0	0
ENSMUSG Prame	0	0	0	0	0	0
ENSMUSG Gm21775	0	0	0	0	0	0
ENSMUSG Chst3	6.194954	4.522316	5.761461	5.693723	5.535551	5.245713

ENSMUSG Gm20917	0	0	0	0	0	0
ENSMUSG Vmn1r77	0	0	0	0	0	0
ENSMUSG Tmem185l	7.749372	6.091009	7.285312	7.167013	7.36106	7.496719
ENSMUSG Slc26a1	0.065949	0.028858	0.122371	0.066762	0.051986	0.094514
ENSMUSG Spz1	0	0	0	0	0	0
ENSMUSG Mia	0.307922	0.488161	0.253492	0.86389	1.626697	0.972052
ENSMUSG Fcor	0.711354	0.924281	1.366142	1.096479	1.004424	0.58075
ENSMUSG Tnfsf13	7.706487	8.083687	8.879709	11.35562	9.005036	8.369481
ENSMUSG Oog3	0	0	0	0	0	0
ENSMUSG Gm21761	0	0	0.078902	0	0	0
ENSMUSG Ecpas	14.23456	14.1972	13.23593	14.10313	14.62835	13.136394
ENSMUSG Olfr332	0	0	0	0	0	0
ENSMUSG Olfr1441	0	0	0	0	0	0
ENSMUSG Nav1	10.19935	7.09223	7.272551	6.647634	8.668074	7.907846
ENSMUSG Olfr330	0	0	0	0	0	0
ENSMUSG Gm11213	0	0	0	0.088337	0	0
ENSMUSG Ubl5	38.23332	29.81829	29.4205	26.89075	26.99609	37.553727
Mus_musc Mus_musc	0.290046	0.282631	0.91389	1.023004	0.769943	1.134956
Mus_musc Mus_musc	0	0	0	0.063608	0	0
Mus_musc Mus_musc	0	0.245244	0	0	0	0.290635
Mus_musc Mus_musc	0	0	0	0	0	0.930613
Mus_musc Mus_musc	0.369012	0	0.212383	0.258071	0.307098	0.380876
ENSMUSG Olfr373	0	0.003797	0.009782	0.027622	0.029634	0.009998
ENSMUSG Gm21776	0	0	0	0	0	0
ENSMUSG Gm12728	0	0	0	0	0	0
ENSMUSG Aldoc	2.787455	2.731789	2.333605	2.845688	2.786758	2.792019
ENSMUSG Gm20837	0	0	0	0	0	0
ENSMUSG Gm7970	0	0	0	0	0	0
Mus_musc Mus_musc	28.49021	22.27802	21.66395	19.37075	19.87145	20.578205
Mus_musc Mus_musc	0.259225	0.187527	0.426596	0.360253	0.303268	0.221586
Mus_musc Mus_musc	0.160876	0.086103	0	0	0.116019	0.052797
Mus_musc Mus_musc	0.645427	0.417563	0.469336	0.648223	0.351104	0.32625
ENSMUSG Olfr462	0	0	0	0	0	0
ENSMUSG Rfxap	5.745828	5.972045	7.030344	4.737296	5.641113	5.527578
Mus_musc Mus_musc	0.4064	0.562536	0.285055	0.22305	0.391396	0.228279
ENSMUSG lft46	8.496835	7.756331	6.779669	8.110907	8.163781	7.688325
ENSMUSG Cd3g	6.988042	5.753446	6.142968	11.01186	8.68551	10.028519
ENSMUSG Tmem25	0.801979	0.771527	0.635112	0.526818	0.554252	0.758462
ENSMUSG Vmn2r3	0	0	0	0	0	0.009203
Mus_musc Mus_musc	0.418765	0.310091	0.460706	0.141139	0.342032	0
Mus_musc Mus_musc	0	0.07732	0	0.27388	0	0.357329
ENSMUSG Th	0	0	0	0	0	0
ENSMUSG Xkr9	0	0	0	0	0	0
ENSMUSG Gm28576	0	0	0	0	0	0
ENSMUSG Gm2000	17.90841	20.80523	21.55474	25.80406	25.82186	23.625227
Mus_musc Mus_musc	0.341006	0.150199	0	0.088061	0	0
Mus_musc Mus_musc	0	0.09671	0.188399	0	0.186692	0
Mus_musc Mus_musc	0.480223	0.673616	0.293352	0.621663	0.780523	0.530539
ENSMUSG Myl9	54.17706	51.0698	59.34077	61.82973	64.29631	61.202087
Mus_musc Mus_musc	0	0.10566	0	0.087437	0.339817	0
Mus_musc Mus_musc	0.276517	0	0	0	0	0
Mus_musc Mus_musc	0	0.160888	0	0	0	0.097447
Mus_musc Mus_musc	0	0	0	0	0	0.207927
Mus_musc Mus_musc	0.108195	0.392097	0.358643	0.280423	0.406132	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Ost4	48.05556	49.97185	59.78572	66.33534	61.61721	60.07697
Mus_musc Mus_musc	0	0.201554	0	0.516682	0.353646	0
ENSMUSG Mrpl45	5.288893	5.051279	4.839222	4.717592	5.609898	5.719983
ENSMUSG Krt25	0	0	0	0	0	0
ENSMUSG Dohh	21.45303	20.64481	22.505	18.43624	13.03214	18.445663
ENSMUSG Ccdc105	0	0	0	0.035534	0	0
ENSMUSG Dcun1d2	10.5369	10.65863	9.514117	9.283744	8.969446	11.088664
ENSMUSG 9430015G	3.919054	3.247192	3.682864	3.44526	3.187169	3.380167
ENSMUSG Mrgpra2b	0.299933	0.354159	0.888375	0.251326	0.045185	0.038051

ENSMUSG Zfp781	0.599514	0.690519	0.680817	0.706212	0.639065	0.604085
ENSMUSG Prr3	4.742985	4.784442	5.059475	3.943719	3.683655	4.288441
ENSMUSG Olfr699	0	0	0	0	0	0
ENSMUSG Vmn2r98	0	0	0	0	0	0
ENSMUSG Ptov1	36.1624	33.92935	36.36085	30.7127	28.20345	29.886009
ENSMUSG Olfr788	0	0	0	0	0	0
ENSMUSG Myh15	0	0	0	0	0	0
ENSMUSG Cyp2c69	0	0	0	0	0	0
ENSMUSG Psd	1.229735	0.610323	1.469468	2.236674	2.186588	1.447903
ENSMUSG C1ql4	0	0	0	0	0	0
ENSMUSG Trim58	0.043234	0.073846	0.100653	0.030882	0	0
ENSMUSG Tmprss13	0.589764	0.800744	0.383764	0.477378	0.406408	0.465375
ENSMUSG Gm17482	0	0	0	0	0	0
ENSMUSG Prl8a1	0	0	0	0	0	0
ENSMUSG Capsl	7.391379	6.703104	5.670665	8.577493	10.82147	8.4584
ENSMUSG Zmynd8	16.56197	15.58016	15.77967	14.8041	15.5853	14.514558
ENSMUSG Stmn4	0	0	0	0.087328	0	0
ENSMUSG Kcne2	13.71317	16.1654	14.42894	9.270673	8.930573	11.486574
ENSMUSG Gm36176	0	0	0	0	0	0
ENSMUSG Tbc1d13	11.4844	11.22081	13.0981	12.57166	12.06544	12.519302
ENSMUSG Gm3448	0.732758	0.617446	0.89804	1.087293	1.440939	1.039527
ENSMUSG 1810049J1	0	0.15154	0.133363	0.031174	0	0
ENSMUSG Awat1	0	0.066608	0	0.911269	1.487092	1.27539
ENSMUSG Pdzd11	14.24346	12.95545	12.66504	12.79235	14.41451	12.506212
ENSMUSG Arhgef33	0.039279	0.073841	0.120023	0.076279	0.148552	0.170796
ENSMUSG Stfa3	0	0	0	0	0	0
ENSMUSG Aldh6a1	29.7643	31.96798	24.32094	21.77331	19.19489	18.718667
ENSMUSG Vsx2	0	0	0	0	0	0
ENSMUSG Fam161b	2.005588	2.101497	1.594287	1.824127	1.849011	2.099525
ENSMUSG Coq6	6.313468	5.70764	6.782128	5.853028	4.936938	4.226738
ENSMUSG Entpd5	10.95737	10.72812	8.305846	8.268402	9.457526	9.025538
ENSMUSG Pemt	1.401614	1.533251	0.986079	1.272354	1.174112	1.348589
ENSMUSG Cdh1	73.32106	74.51533	62.76169	65.87302	71.00351	70.542023
ENSMUSG Gm9513	0	0	0	0	0	0
ENSMUSG Cdh4	0.982398	0.84558	0.780126	0.921048	0.891029	0.762868
ENSMUSG Dkc1	6.890393	7.027525	7.188513	7.445206	8.152332	7.277284
ENSMUSG Vmn1r167	0	0	0	0	0	0
ENSMUSG Zscan4d	0	0	0	0	0	0
ENSMUSG Ckmt1	7.713115	9.606723	7.832459	17.33054	20.24464	23.06505
ENSMUSG Tceal6	0.08085	0.039478	0.237633	0.041551	0.189206	0.099203
ENSMUSG lah1	10.21913	10.67724	11.85807	14.69239	15.29741	14.270511
ENSMUSG Gjd4	0	0	0	0	0	0
ENSMUSG Zfp131	14.70474	16.17627	15.6505	14.01319	13.33382	13.917306
ENSMUSG Btbd35f18	0	0	0	0	0	0
ENSMUSG Cebpb	3.543717	3.740769	4.443785	2.906671	3.49651	5.221141
ENSMUSG Olfr130	0	0	0	0	0	0
ENSMUSG Vmn1r129	0	0	0	0	0	0
ENSMUSG 1700001K:	0.291203	0.520775	0.380327	0.169461	0.123158	0.241274
ENSMUSG Gm9999	0	0	0	0	0	0
ENSMUSG Dffb	3.052644	2.011299	3.23332	3.270071	2.302508	2.89066
ENSMUSG Trp73	1.540177	1.587552	0.980818	2.454141	2.252273	2.475714
ENSMUSG Mfn2	19.39098	20.5199	17.93014	17.1939	17.36203	15.393182
ENSMUSG Miip	6.068962	6.10437	7.774306	7.672891	5.562946	6.804985
ENSMUSG Wrap73	5.383723	5.282292	5.996017	6.140168	4.78402	6.108921
ENSMUSG Lrrc47	14.40344	14.50056	16.39074	13.74957	12.61607	13.426334
Mus_musc Mus_musc	1.541324	2.372548	2.798298	2.239148	1.82205	1.136635
Mus_musc Mus_musc	0	0	0	0.441654	0.238411	1.013908
Mus_musc Mus_musc	0.234165	0.10553	0.095631	0.724291	0.481655	0.591031
Mus_musc Mus_musc	0	0.148044	0	0.288108	0.070746	0.158151
Mus_musc Mus_musc	1.234546	0.596728	0.205547	0.184601	0.28957	0
ENSMUSG Gm49353	0	0	0	0	0	0
ENSMUSG Elac2	8.22163	7.452656	7.450105	6.982051	7.083524	6.847767
ENSMUSG 1700086D	0	0.02487	0.039604	0	0	0
ENSMUSG Kcna7	0	0	0.084004	0.214641	0.06879	0.050309

ENSMUSG Fbxo8	7.865365	9.486205	8.980735	7.484628	8.723555	10.988958
ENSMUSG Prkab2	3.220386	3.980692	3.835181	3.097321	2.702433	3.065362
ENSMUSG Asb10	0	0.252922	0.181714	0.139243	0.132482	0.022004
ENSMUSG Tom111	8.654986	9.609772	7.954584	6.433421	7.304619	6.893533
ENSMUSG Itln1	0.061634	0.120499	0.395171	29.86253	20.11491	18.471815
ENSMUSG Pgap3	3.980297	4.070116	2.890176	3.498839	3.954304	4.139851
ENSMUSG Lrrc72	0	0	0	0	0	0
ENSMUSG Cox11	4.696105	2.274114	2.557182	3.60959	4.428119	4.207997
ENSMUSG Bzw2	9.093856	9.524192	9.038124	10.66367	10.24618	10.139316
ENSMUSG Stxbp4	2.951259	3.315631	2.60976	2.341218	2.630504	2.529415
ENSMUSG Hcrtr1	0.057512	0	0.040037	0.04131	0	0
ENSMUSG Pef1	38.10394	37.56347	35.64243	27.49553	29.50958	32.063409
ENSMUSG Zcchc17	12.93452	11.75107	11.75894	10.25006	11.73729	12.211655
ENSMUSG Fabp3	8.576375	19.51089	9.589615	7.971996	4.527643	4.652359
ENSMUSG Ptpn12	41.86002	40.4073	43.21472	28.93265	29.0527	27.257559
ENSMUSG Tinagl1	82.93073	79.37935	109.6628	46.50095	55.37687	45.229922
ENSMUSG Gnat3	0	0	0	0	0.196923	0.134249
Mus_musc Mus_musc	0	0.443847	0.112536	0.899785	0.908485	0.334231
ENSMUSG Adam26b	0	0	0	0	0	0
ENSMUSG Kik1	0.420607	0.708952	0.9952	1.999909	2.020935	2.650042
ENSMUSG Dpp3	16.34396	16.83998	15.9124	21.13012	20.51405	21.600624
ENSMUSG Gm10139	0	0	0	0	0	0
ENSMUSG Herc6	4.154363	4.390205	7.586664	5.931003	4.401056	3.858619
ENSMUSG Sspo	0.128593	0.14751	0.089666	0.148539	0.155998	0.138361
ENSMUSG Cep41	2.215759	1.665804	1.519568	2.320575	2.044134	1.694973
ENSMUSG Gm2016	0	0	0	0	0	0
ENSMUSG Vmn1r65	0	0	0	0	0	0
ENSMUSG Nhirc2	27.30756	26.99434	24.2106	16.93179	14.57346	16.074488
ENSMUSG Nanog	0.099841	0.162963	0.065405	0.206442	0.214895	0.109379
ENSMUSG Casp7	12.67716	12.51803	14.05376	14.40824	14.03442	15.437707
ENSMUSG Dclre1a	3.177829	2.813159	2.775195	3.090097	3.046866	2.913785
ENSMUSG Habp2	0.0171	0	0.031447	0	0.054451	0
Mus_musc Mus_musc	0	0	0.324221	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0	0.12313	0.185678	0.244787	0	0.268338
Mus_musc Mus_musc	0.085512	0	0.22921	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.289605	0	0	0
ENSMUSG Dock8	14.43457	13.86474	13.97385	15.58766	16.70947	15.888845
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Rgs14	3.225226	2.695794	3.645679	5.63525	4.564573	4.870538
ENSMUSG Cad	4.441373	3.824881	4.433569	5.445433	5.533845	5.260992
ENSMUSG Atraid	50.63617	48.85577	49.6816	49.41536	45.19306	44.394228
ENSMUSG Uba6	3.433371	3.777455	3.359023	3.939208	4.110199	4.122065
ENSMUSG Rnase1	0.215326	0.255108	0.149182	0.438198	0.494208	0.84332
ENSMUSG Cerk	11.07506	12.21161	11.2188	18.53804	18.87159	20.864174
ENSMUSG Rnf126	15.17102	13.45606	14.37332	14.30802	13.70781	15.409499
ENSMUSG Olfr372	0	0	0.010159	0.076903	0.027563	0.090481
ENSMUSG Prss37	0	0	0	0	0	0
ENSMUSG Immt	31.24855	34.72896	30.13912	29.63672	32.10551	31.469222
ENSMUSG Cx3cr1	2.880844	1.624955	3.608923	4.580014	3.782945	3.275044
ENSMUSG Tspan3	34.73624	31.95695	32.59695	29.52849	33.0953	31.031374
ENSMUSG 1700024B(	0	0	0	0	0	0
ENSMUSG Pstpip1	3.593591	3.107514	6.031283	7.596726	6.03854	8.977275
ENSMUSG Cyp11a1	0.200358	0.190077	0.55362	0.464564	0.362635	0.164833
ENSMUSG Rcn2	35.45094	31.20611	32.98493	26.46194	29.68387	29.786203
ENSMUSG Ccr7	7.453003	5.532559	6.265782	7.564072	6.046407	6.889338
ENSMUSG Fgd3	3.112716	2.290084	3.261334	4.633555	4.235909	5.564832
ENSMUSG Zfp51	3.313342	4.302555	3.790562	3.795026	3.45185	3.818787
ENSMUSG Inpp4b	3.399354	3.814216	3.354516	5.677134	5.484184	5.603451
ENSMUSG Tmem30a	77.69901	81.34357	81.22217	74.31205	71.36101	69.912709
ENSMUSG Crp	0	0	0	0	0	0
ENSMUSG Cep83	9.361165	9.972411	9.400979	11.00833	10.70649	10.736259
ENSMUSG Gm9747	0	0	0	0	0	0

ENSMUSG Mpzl3	1.961686	1.91294	1.930004	2.207169	1.734592	2.102112
ENSMUSG Kcnk16	0	0	0	0	0	0
ENSMUSG Gm34302	0	0	0	0	0	0
ENSMUSG 9230112D	0	0.027569	0	0	0	0
ENSMUSG Bmpr1a	17.43812	19.33105	15.84377	14.02288	13.23835	13.433035
ENSMUSG Sftpd	416.3058	455.6075	419.1102	683.6031	744.9909	810.55365
ENSMUSG Glud1	55.9159	52.79085	54.10536	47.64356	48.10665	50.493699
ENSMUSG Fam213a	12.30357	14.92195	11.52341	12.06035	11.10861	10.798034
ENSMUSG Dydc2	0.885449	0.870961	0.722625	1.018994	1.379195	0.734722
ENSMUSG Dydc1	0.33959	0.493014	0.341777	0.32757	0.482586	0.577551
ENSMUSG Opn4	0	0.088347	0	0.018785	0	0.021528
ENSMUSG Ldb3	1.160839	3.829208	1.203896	2.510701	1.773708	1.490155
ENSMUSG Isoc2a	6.467142	6.556321	7.254467	6.319601	6.877084	5.968816
ENSMUSG Olfr1278	0	0	0	0	0	0
ENSMUSG AU021092	71.0872	71.01553	62.67361	64.91394	69.68421	81.067902
ENSMUSG Jam2	23.73427	26.17294	27.21617	17.26881	19.81881	17.96162
ENSMUSG Clec12a	2.281403	2.05573	4.010984	5.31184	5.209105	5.787152
ENSMUSG Olfr368	0	0	0	0	0	0
ENSMUSG Ms4a4d	11.91067	10.49401	10.33972	6.294547	5.44251	5.316246
ENSMUSG Pin1rt1	0	0	0	0	0	0.054061
ENSMUSG Olfr199	0	0	0	0	0	0
ENSMUSG Ms4a4c	1.740812	2.246601	8.880315	4.732665	3.498804	2.861097
ENSMUSG Qser1	6.13973	6.429242	5.142143	4.774659	4.897996	4.373949
ENSMUSG Ms4a1	4.694611	3.551661	3.029451	11.58702	8.424083	10.0658
ENSMUSG Prss48	0	0	0	0	0	0
ENSMUSG Olfr982	0	0	0	0	0	0
ENSMUSG Cd6	1.844811	1.159476	1.266462	3.13121	3.101994	3.477497
ENSMUSG Fanca	0.464487	0.503886	0.578163	0.84043	0.705704	1.148845
ENSMUSG Igdcc4	0.371991	0.535417	0.410777	0.685892	0.648248	0.612454
ENSMUSG Arap1	22.69101	23.84582	25.48167	31.1474	30.17095	33.192447
ENSMUSG Loxhd1	0.007955	0	0	0.04012	0	0.034522
ENSMUSG Pcdhb1	0	0.050383	0.068802	0.040344	0.103878	0.053377
ENSMUSG Znrd1	18.34663	19.9913	22.09876	17.15809	15.9081	18.189009
ENSMUSG Ehhadh	3.719282	3.256257	2.937256	3.419262	3.589491	2.896408
ENSMUSG Senp2	18.78415	19.63559	19.9273	17.39501	22.1623	19.606443
ENSMUSG Tmprss15	0	0	0	0	0	0
ENSMUSG Tmem41a	10.72584	11.62973	10.87943	9.789524	9.669168	8.282437
ENSMUSG Tra2b	40.27791	36.81328	40.42701	32.77925	33.87228	35.401813
ENSMUSG Klf12	3.033827	3.831353	2.417649	1.997333	2.219673	2.336985
ENSMUSG C2cd6	0	0	0	0	0	0.02325
ENSMUSG Pdcd5	17.19914	14.08272	20.00578	20.05603	21.69016	22.248665
ENSMUSG Pglyrp1	8.306979	8.528588	9.302687	38.14088	35.22218	36.818935
ENSMUSG Dmwd	14.25677	14.86807	15.26729	10.83249	10.58418	10.052929
ENSMUSG Nova2	3.456661	2.734916	3.234739	1.901572	1.571598	1.387491
ENSMUSG Spef1	6.849021	8.564617	6.989777	7.07776	8.138305	6.883871
ENSMUSG Rpusd2	0.957251	1.316875	1.298673	1.050463	1.264209	1.363904
ENSMUSG D5Ertd577	0	0	0	0	0	0
ENSMUSG Knl1	0.139033	0.134803	0.178011	0.685104	0.743057	0.955739
ENSMUSG 1700037H	8.659166	8.028634	9.083833	7.380119	7.796539	7.703907
ENSMUSG Siglec1	2.341911	2.371197	2.220527	2.868445	2.716053	2.912632
ENSMUSG Rad51	0.238472	0.380798	0.481249	1.024888	1.356207	1.388185
ENSMUSG Gsto2	0.310509	0.461329	0.277163	0.157658	0.257859	0.458216
ENSMUSG Brd1	27.80853	29.24368	26.51324	21.10331	22.83685	23.573027
ENSMUSG Catsperd	0.205533	0.150145	0.057347	0.245814	0.129203	0.198665
ENSMUSG Zmynd15	3.193811	2.905555	4.542529	7.79616	8.412496	8.326515
ENSMUSG Ppara	1.696278	1.9624	1.270694	1.30622	1.057321	1.338192
ENSMUSG Hlcs	4.907578	4.938098	4.307505	4.506311	4.695901	5.025675
ENSMUSG 1700123O	11.92161	13.30253	14.54241	13.95888	13.63633	16.50557
ENSMUSG Wnt7b	0.947179	1.33012	0.708424	1.406815	1.132669	1.537657
ENSMUSG Snrpd2	18.77547	18.31781	19.09538	19.89029	19.16449	21.01111
ENSMUSG Pcnt	16.46652	16.15281	13.34202	12.39454	12.72109	12.570757
ENSMUSG Gm11009	0	0	0	0	0	0
ENSMUSG Pirb	6.490139	5.764245	8.325926	10.47338	11.76752	13.051704
ENSMUSG Slc25a15	2.494569	2.811398	2.480948	2.334049	2.739043	2.859451

ENSMUSG Erlin2	14.97191	14.64937	13.67904	15.29806	15.86714	15.68548
ENSMUSG Tpte	0	0.024313	0	0	0	0
ENSMUSG Rhbg	1.955008	1.961647	1.308008	1.196752	0.901175	1.859604
ENSMUSG 2610507B:	32.80537	34.99335	30.63191	32.9886	32.48581	33.329053
ENSMUSG Tox2	25.40792	18.94605	20.21726	12.38478	15.03581	11.837634
ENSMUSG Catip	3.176529	3.51031	2.417996	4.363304	3.761962	4.351973
ENSMUSG Mgst2	4.721366	4.577408	4.055308	6.746266	4.465869	7.682387
ENSMUSG Oit3	0.218689	0.212466	0.197476	0.908317	1.119501	1.506165
ENSMUSG Crygb	0	0	0	0	0	0
Mus_musc Mus_musc	0.07418	0.128219	0.289047	0.536885	0.269921	0.528072
ENSMUSG Keap1	22.66477	23.20012	27.86599	22.99381	22.75434	22.408678
ENSMUSG Ap1m2	14.12671	13.14568	13.58478	11.01347	12.30482	13.399088
Mus_musc Mus_musc	0.098338	0.408943	0.335766	0.316246	0.681678	0.411431
Mus_musc Mus_musc	2.117305	2.439334	2.161654	2.021308	1.944519	2.486067
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.043939	0	0.202599	0
Mus_musc Mus_musc	0	0	0.130929	0.69266	0.544478	0.694357
Mus_musc Mus_musc	0	0	0	0	0.368472	0
Mus_musc Mus_musc	0.681302	0	0.345373	0.941505	0.421199	0.273206
ENSMUSG Pnma3	0	0	0	0	0	0
ENSMUSG Adam20	0	0	0	0	0	0
ENSMUSG She	21.32651	19.27406	19.19039	11.99387	12.71792	12.885968
Mus_musc Mus_musc	0.918126	0.818508	0.587658	0.99742	1.439996	0.796773
Mus_musc Mus_musc	2.606953	2.825375	3.208228	1.34287	1.51652	1.769577
Mus_musc Mus_musc	0.959112	0.264027	0.36898	0.501466	0.371377	1.090016
Mus_musc Mus_musc	0.974045	0.900922	0.778116	0.773173	0.582007	0.511538
Mus_musc Mus_musc	0	0	0	0	0.336405	0
Mus_musc Mus_musc	0.153601	0.419964	0.259619	0.493854	0.852454	0.406103
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Rel1	12.51781	12.8662	12.62502	11.69254	11.61173	10.541847
ENSMUSG Cxcr5	2.278601	1.38696	1.852274	3.812545	2.92114	3.762182
ENSMUSG Kik9	0.191726	0	0	0.099977	0.039337	0.029824
ENSMUSG Serpinb6d	0	0	0	0	0	0
ENSMUSG Tnrc6b	7.26544	7.518085	5.650326	6.554427	7.423228	6.639442
ENSMUSG Angptl7	6.296656	3.01944	4.879647	2.535135	2.08538	2.978489
ENSMUSG Cttnbip1	3.910969	3.72564	4.117518	3.433081	4.080142	4.373872
ENSMUSG Cavin2	239.1797	230.2594	230.6794	131.9661	125.7946	122.29224
ENSMUSG H6pd	51.03561	51.8037	48.12695	43.39984	49.51464	46.026089
ENSMUSG Slc25a33	2.964161	2.889394	2.017699	2.514621	2.362989	1.867143
ENSMUSG Kih7	13.13798	13.93305	12.55371	11.85082	12.81476	11.335987
ENSMUSG Fam220a	18.11523	18.19959	20.23332	12.23713	12.01182	12.09524
ENSMUSG Selenov	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.186933	0.173095	0.473163	0.219847	0.162487
ENSMUSG Ccdc66	3.43253	3.312638	3.741026	3.446602	3.386223	3.115202
Mus_musc Mus_musc	2.233089	2.537302	2.13912	1.763178	1.681035	1.683191
ENSMUSG Mrps7	11.48368	12.18875	13.20019	11.72768	12.77105	13.660082
ENSMUSG Gimap5	10.31232	10.29891	11.01351	11.54934	10.42472	10.19221
Mus_musc Mus_musc	0.396452	0.296999	0.241192	0.273604	0.226617	0
Mus_musc Mus_musc	0	0	0	0	0.167821	0
ENSMUSG Secisbp2	7.494351	6.728095	7.38422	6.895058	6.830779	7.107353
Mus_musc Mus_musc	0	0.583579	0	0	0	0.106309
Mus_musc Mus_musc	0	0	0	0.209795	0	0
Mus_musc Mus_musc	0.033459	0	0	0.296595	0.172141	0.472654
ENSMUSG Arhgap5	22.94758	26.19771	19.23513	17.97435	18.34168	13.898748
Mus_musc Mus_musc	0	0	0	1.103081	1.063175	1.01134
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Reln	0.621473	0.538031	0.448672	1.379047	1.687683	1.398589
ENSMUSG Cyp3a41a	0	0	0	0	0	0
ENSMUSG Mybph	0	0	0.053645	0.193737	0.157383	0.17504
ENSMUSG Trrap	10.13461	9.905283	8.924082	10.21272	10.59195	10.505568
ENSMUSG Bpifa2	0	0	0	0	0	0
ENSMUSG Gm49486	0.039242	0	0.053055	0.126373	0.040222	0
ENSMUSG Zp3	0	0	0	0	0	0
ENSMUSG 1810010H:	13.01233	18.48	12.64689	9.769334	8.809638	7.07285

ENSMUSG Gm4070	8.953481	7.746165	32.80598	23.38736	7.273191	9.294792
ENSMUSG E030025P	0	0.094189	0.070051	0	0	0.12729
ENSMUSG Gm10961	0	0	0	0.145013	0	0
ENSMUSG Dtx2	8.061184	8.768252	7.550621	8.378186	8.709396	8.948615
ENSMUSG Tmem242	25.29694	26.26005	22.56986	28.44333	24.34884	25.989799
ENSMUSG Olfr1152	0	0	0	0	0	0
ENSMUSG Ckb	27.48325	28.15311	27.89444	42.14696	39.32398	45.033978
ENSMUSG Gosr1	14.63162	14.47708	14.51158	12.98354	12.63151	13.082548
Mus_musc Mus_musc	0.10193	0.290595	0	0.282176	0.380174	0.066853
Mus_musc Mus_musc	0	0	0.14254	0.052049	0.307959	0
Mus_musc Mus_musc	0	0.29768	0	0	0	0
Mus_musc Mus_musc	0.288896	0.118189	0.338718	0.190748	1.044894	0.161163
ENSMUSG Ai429214	3.797943	3.151747	2.402482	2.518365	2.410459	1.997228
ENSMUSG Tmem240	0.142749	0.192297	0.26025	0.295425	0.20382	0.178272
ENSMUSG Ugp2	34.77017	33.9238	33.48895	32.47851	29.80799	30.285656
ENSMUSG Sncap	1.784259	1.909635	1.39891	1.273603	1.235225	1.183232
ENSMUSG Snx24	5.766364	7.085463	6.641797	7.246893	6.733784	7.375042
ENSMUSG Psmg2	9.368279	9.366383	11.02943	9.261883	9.475474	8.949382
ENSMUSG Prelid3a	0.110632	0.019226	0.202146	0.08207	0.132847	0.147723
ENSMUSG Foxd2	0.40051	0.230035	0.265723	0.476127	0.215503	0.243308
ENSMUSG 1700034E1	0	0.073061	0	0	0	0
ENSMUSG Spire1	3.833101	4.604251	3.849518	4.094263	4.039537	4.115142
ENSMUSG Ppic	70.58007	67.22131	70.01647	78.62273	77.52639	84.613388
ENSMUSG Ptpn2	10.44705	10.30338	11.99876	13.55052	14.75266	12.103927
Mus_musc Mus_musc	0	0.213331	0.128454	0.182035	0.49039	0
Mus_musc Mus_musc	0.191854	0.284419	0.117094	0.746012	0.418205	0.594014
Mus_musc Mus_musc	33.22446	35.39043	39.35218	44.11363	45.11288	49.883587
ENSMUSG Cyp2c54	0	0	0	0	0	0
ENSMUSG Cnga1	0.169908	0.137239	0.064207	0.109912	0.245106	0.153791
ENSMUSG Fdps	31.87247	34.33707	41.86872	53.03077	47.08024	68.143852
ENSMUSG Kcnh7	0.190447	0.142742	0.155373	0.117669	0.096305	0.129721
ENSMUSG Myl3	0.312449	3.209369	0.468406	1.366686	0.701142	0.402969
ENSMUSG Cyp2c66	0	0	0	0	0	0
ENSMUSG Nfil3	3.234772	3.323209	4.102664	6.50774	7.128864	8.918851
ENSMUSG Sytl3	0.980248	0.397143	2.962047	0.804038	0.483344	1.06176
ENSMUSG Ptpre	8.076305	7.153938	7.856943	14.40257	13.43954	13.86114
ENSMUSG Pcdcd7	6.779781	5.510781	6.838117	4.595203	5.088192	5.277709
ENSMUSG Fam78a	5.16858	3.425217	4.963164	4.966296	4.848864	5.647592
ENSMUSG Cdkn2d	12.99742	10.79442	14.9807	10.80879	12.30933	11.347556
Mus_musc Mus_musc	0.138412	0	0.385268	0.415705	0.15454	0
Mus_musc Mus_musc	2.041892	1.543243	1.58951	0.803145	0.491409	0.758207
Mus_musc Mus_musc	0.407078	0.140325	0	0.245477	0	0
Mus_musc Mus_musc	0.536639	0.187839	0.156575	0.525888	0.193197	0.192315
Mus_musc Mus_musc	0.119511	0	0	0	0	0
Mus_musc Mus_musc	0.167124	0.301066	0.398006	0.107629	0	0
Mus_musc Mus_musc	0.406097	0.483257	0.147372	0.303251	0.345222	0.384339
Mus_musc Mus_musc	0	0	0.13745	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.727273	0
Mus_musc Mus_musc	0.060976	0	0.081793	0.18399	0	0.127236
ENSMUSG Klra7	0.16027	0.156164	1.709882	0.396211	0	0
ENSMUSG Dgat2l6	0	0.025875	0	0	0	0
ENSMUSG Krt77	0	0	0	0.016785	0	0
ENSMUSG Klra3	3.310404	1.991061	8.274422	3.335045	1.745011	1.634475
ENSMUSG Msantd1	0.104754	0.092486	0	0.112527	0.0631	0
ENSMUSG Synpr	0	0.04934	0.016431	0	0.016659	0.033802
ENSMUSG Pcdhb9	3.403092	3.18463	3.542516	2.617192	3.172792	3.284605
ENSMUSG Islr2	0.018965	0.033673	0	0.012132	0.010673	0
ENSMUSG Gsdmc2	0	0	0	0	0	0
ENSMUSG Olfr485	0	0	0	0	0	0
ENSMUSG Dync2li1	11.37437	11.45946	10.40929	13.64645	12.21539	10.714702
ENSMUSG Gm27179	0.018658	0	0	0.036122	0.018564	0
ENSMUSG Fat2	0.296931	0.350884	0.206112	0.422032	0.576616	0.571969
Mus_musc Mus_musc	4.709195	4.282769	3.935679	2.721071	3.768961	3.633512
Mus_musc Mus_musc	0	0	0.005988	0.206786	0	0

Mus_musc Mus_musc	1.885568	1.903479	2.024738	1.174947	1.360453	1.435223
Mus_musc Mus_musc	0.058437	0.16312	0.03009	0.038289	0.017284	0.298885
Mus_musc Mus_musc	6.852756	7.99127	6.21306	6.257643	5.456399	5.934206
Mus_musc Mus_musc	0.157284	0	0	0.243513	0	0
Mus_musc Mus_musc	0.325796	0.480335	0.508198	0.33423	0.486146	0.174122
ENSMUSG 6030445D	0.238195	0.32496	0.414422	0.210773	0.085675	0.074686
ENSMUSG Prss2	0.026552	0	0.116503	0	0	0
ENSMUSG Fcrls	0.796962	1.259796	1.006854	4.113134	4.281357	5.709288
ENSMUSG Adamtsl4	12.59578	14.06596	12.20301	10.67279	10.54407	8.756095
ENSMUSG Cd5l	0.119413	0.740396	0.115998	0.134956	0.076933	0.32703
ENSMUSG Pbx1	17.45412	19.09093	15.59346	15.06147	14.68493	14.209743
ENSMUSG Olfr198	0	0	0	0	0	0
ENSMUSG Nup188	8.292751	7.858092	7.759643	7.07899	7.468953	8.192142
ENSMUSG Magi3	26.11977	29.56694	21.76336	16.64552	17.57097	17.202119
ENSMUSG Gm5934	0	0	0	0	0	0
ENSMUSG Gm20449	0.034417	0.020833	0.001401	0	0.058047	0.077852
ENSMUSG Fgf12	0.091039	1.276108	0.091716	0.521273	0.111691	0.172035
ENSMUSG V1ra8	0	0	0	0	0	0
ENSMUSG Gnb2	138.7015	119.0942	132.4515	112.4995	118.3247	125.97377
Mus_musc Mus_musc	0	0	0.31199	0	0.486637	0.376762
Mus_musc Mus_musc	0.396474	0.816846	0.587556	0.605776	0.208994	0.781967
ENSMUSG Ephb4	54.93933	53.56277	55.19168	34.51084	35.61546	33.34108
Mus_musc Mus_musc	0	0	0	0	0	0.648369
Mus_musc Mus_musc	0.253054	0.406332	0.247588	0.15526	0.141976	0.271316
ENSMUSG 2210017I0	0	0	0	0	0	0
ENSMUSG Gm31571	0	0	0	0	0	0
ENSMUSG Nudt13	6.27121	5.522002	6.054784	4.553816	4.965522	3.788856
ENSMUSG Rtraf	32.63097	32.54812	33.59441	39.34819	36.01379	37.346428
ENSMUSG Nid2	3.472436	4.528381	4.736435	2.130573	2.574379	2.18965
ENSMUSG Rgr	0	0	0	0	0	0
ENSMUSG Cdhr1	0.021442	0.02757	0.008111	0.56491	0.304948	0.291416
ENSMUSG Olfr396-ps	0	0	0	0	0	0
ENSMUSG Gm42742	8.63875	9.774195	10.09687	9.049669	14.90785	8.405291
ENSMUSG D830030K	0	0	0	0	0.011235	0.029818
ENSMUSG Dpyd	1.949084	1.814471	1.58889	0.947797	1.290132	1.163427
ENSMUSG Tm6sf2	1.344113	0.930391	1.388641	1.081885	1.202009	1.394326
ENSMUSG Lpp	7.65206	7.971777	6.274334	7.759705	8.470203	7.753365
ENSMUSG Napsa	216.4638	198.7156	202.1505	182.3551	158.9075	188.84042
ENSMUSG Vrk3	17.80232	16.78363	18.37328	18.81743	17.25537	20.247857
ENSMUSG Mgat5	6.408636	6.405173	5.086403	6.356036	6.072691	6.924526
ENSMUSG Odaph	0.39091	0.079997	0	0.356504	0.363987	0.18152
ENSMUSG Gm21778	0	0	0	0	0	0
ENSMUSG Olfml2b	3.089062	2.388079	2.557895	3.04472	3.309551	3.010478
ENSMUSG Uqcrfs1	39.64042	33.30533	35.12149	37.45662	50.50103	51.258778
ENSMUSG Chmp4b	83.16296	82.31731	94.1541	84.33467	87.04692	94.381714
ENSMUSG Nucb2	29.31757	31.03156	29.72241	32.5848	31.26422	31.151281
ENSMUSG Tmem247	0	0	0	0	0	0
ENSMUSG Asp	0.156739	0.301646	0.135327	0.1744	0.212737	0.237127
ENSMUSG Smg1	15.41066	15.62113	12.59945	14.73834	14.66093	14.849913
ENSMUSG Atp8a1	36.46459	36.0885	38.35188	35.98487	37.64759	30.872906
ENSMUSG Tmc5	0.137148	0.493762	0.059296	2.355861	2.524189	1.841798
ENSMUSG Armc3	1.103898	1.453889	1.188527	1.664327	2.03465	1.848336
ENSMUSG Coq7	11.44189	13.06378	13.34083	12.24979	13.80862	13.741724
ENSMUSG Esyt3	3.25255	2.849334	2.111005	1.885104	1.54118	2.171574
ENSMUSG Prss56	0	0	0	0	0	0
ENSMUSG Chp1	50.39946	51.92308	50.58467	48.89842	52.4909	52.073411
ENSMUSG Rnf168	8.03936	8.869002	7.888925	6.927459	6.420324	6.686496
ENSMUSG Tctex1d2	6.409217	6.619823	5.79009	10.48625	6.997324	9.2747
ENSMUSG Btbd35f16	0	0	0	0	0	0
ENSMUSG Selenoh	22.59413	20.2548	21.04165	21.42343	21.42599	28.52335
ENSMUSG Wfdc3	0.183717	0.500531	0.270597	0.8023	1.896538	1.617708
ENSMUSG Acsf2	10.54794	10.49561	7.34476	9.002135	8.881323	7.968829
ENSMUSG Ywhaq	99.44885	100.0332	99.20513	78.22838	82.72773	85.836506
ENSMUSG Cep295nl	0.382401	0.690828	0.710398	0.330332	0.651102	0.392747

ENSMUSG Myo1h	0.524205	1.342744	0.894727	1.317011	1.100516	1.442626
ENSMUSG Sox4	13.86598	12.37303	10.15266	15.13697	13.31905	13.600551
ENSMUSG Ms4a4a	4.166494	2.435194	7.311036	10.18057	13.02563	10.201273
ENSMUSG Oxt2b	0	0	0	0	0	0
ENSMUSG Mog	0.077274	0	0.116892	0	0.059933	0.076868
ENSMUSG Gm5797	0	0	0	0	0	0
ENSMUSG Zscan2	4.251306	3.671603	3.547751	3.530459	3.096153	2.60959
ENSMUSG Gm6588	0	0	0	0	0	0
ENSMUSG Myo18b	0.084728	0.404204	0.114318	0.256443	0.172307	0.181183
ENSMUSG Egfl8	2.914213	1.822156	3.348041	1.259808	0.994483	1.34145
ENSMUSG Olfr196	0	0	0	0	0	0
ENSMUSG Zfp960	2.030809	1.636149	1.952167	1.453992	1.39527	1.538957
ENSMUSG Esp23	0	0	0	0	0	0
ENSMUSG Vmn2r33	0	0	0	0	0	0
ENSMUSG Nol7	34.37126	31.70569	33.86781	33.96045	29.28864	30.849177
ENSMUSG Defa34	0	0	0	0	0	0
ENSMUSG Apold1	0.876426	0.496238	0.833646	0.397744	0.47712	0.365997
ENSMUSG Ms4a12	0	0	0	0	0	0
ENSMUSG Trim43a	0	0.058655	0.122801	0.028549	0	0.027335
ENSMUSG Gm8020	0	0	0	0	0	0
ENSMUSG Gm3667	0.006869	0	0.049372	0	0.054562	0
ENSMUSG Zfp78	1.020324	0.94211	0.948319	0.911299	0.810207	0.423961
ENSMUSG Olfr387-ps	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.275134	0	0.370294	0	0
ENSMUSG Actr1b	34.53924	36.70982	37.12769	30.71985	30.75525	33.607671
ENSMUSG Letmd1	7.075721	6.317711	7.262025	7.608891	7.477814	6.853924
ENSMUSG Uvssa	2.78807	2.815447	2.294347	2.564185	2.027928	2.511343
ENSMUSG 4930578C	2.624705	3.079023	2.572088	2.502584	2.386826	2.527801
ENSMUSG Gm19684	0	0	0.062035	0.136336	0	0.098311
ENSMUSG Zfp970	26.0643	29.37012	23.23276	14.84087	13.3421	14.008314
ENSMUSG Gm14406	0.039666	0	0.04519	0	0	0
ENSMUSG Gm26620	0.087051	0.163936	0.074243	0	0.137456	0.051687
ENSMUSG 49305351	0	0	0	0.063304	0	0
ENSMUSG Gm18336	0	0.020145	0	0	0	0
ENSMUSG Foxo3	23.82497	27.42461	20.09019	18.05571	20.46205	16.168294
ENSMUSG Lrrc61	5.380703	5.621964	4.44591	5.012728	3.809876	5.108528
ENSMUSG Mcat	5.158039	5.613963	5.00076	4.972947	5.473831	5.40933
ENSMUSG Prss50	0	0.07175	0.090618	0.106609	0.058726	0.086907
ENSMUSG Rpl29	1.531288	1.657921	2.202942	1.885138	2.348029	1.707325
ENSMUSG Efnb1	59.50006	66.13989	74.28285	38.25679	38.16563	34.207901
ENSMUSG Stard8	33.19179	31.35195	31.30529	21.37203	21.57702	20.9785
ENSMUSG Ophn1	2.24577	2.275567	2.295972	2.202869	2.239149	1.806387
ENSMUSG Pgr15l	0	0	0	0	0	0
ENSMUSG Gpr165	0	0	0	0	0	0
ENSMUSG Ocm	0.132308	0	0	0.209592	0.091822	0.193704
ENSMUSG Bbx	6.862462	7.330845	5.880328	5.948856	7.56092	6.303344
ENSMUSG Eif2ak1	13.03073	12.65021	12.54648	12.95872	13.53574	13.323299
ENSMUSG Aimp2	8.709789	7.290597	8.006763	7.766873	6.569586	8.763288
ENSMUSG Erp29	12.49917	13.48018	13.42268	20.43365	19.51011	21.64094
ENSMUSG Ccz1	20.55293	18.47382	20.17896	23.60687	22.77719	26.510578
ENSMUSG Rpl6	289.3756	285.6543	280.9332	301.0266	313.3567	325.22879
Mus_musc Mus_musc	0.485002	0.171761	0.412285	0.2044	0.277446	0
Mus_musc Mus_musc	1.806504	1.103731	1.715616	1.269885	0.802842	0.641314
Mus_musc Mus_musc	0.505416	0.908938	0.488892	0.408403	0.346237	0.318421
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.267306	0.185494	0.350822	0	0	0
Mus_musc Mus_musc	0.204328	0	0	0	0.106207	0
Mus_musc Mus_musc	0.151564	0.127447	0	0.26762	0.176801	0
ENSMUSG Gm5096	0.014978	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Adhfe1	2.450697	3.084019	2.318359	2.354832	2.729478	1.742723
ENSMUSG Mybl1	0.321126	0.330284	0.62473	0.51789	0.417246	0.588979
ENSMUSG Sgk3	5.273018	5.616628	5.913426	5.901042	6.238877	5.745507
ENSMUSG Cops5	22.78296	23.97933	24.4298	24.91607	23.16825	22.807246

ENSMUSG Ppp1r42	0.392753	0.704035	0.223654	0.584572	0.382909	0.836545
ENSMUSG Evi5	14.46729	15.67254	12.41843	11.98496	13.23751	11.551229
ENSMUSG Evi5l	5.898997	5.567284	5.186682	4.606711	4.702804	5.251616
ENSMUSG Snapc2	9.440485	8.398202	7.499512	8.833356	9.044965	6.728134
ENSMUSG Oscp1	0.983817	1.337686	0.922746	1.465703	1.41863	1.629991
ENSMUSG Pbxip1	31.68982	28.86896	30.04529	34.34574	32.40451	34.550804
ENSMUSG Zic4	0	0	0	0	0	0
ENSMUSG Anapc10	3.094919	2.687147	3.102166	2.824327	2.999436	2.758942
ENSMUSG Tmem177	2.152147	2.260601	2.124419	2.039286	1.849042	1.916011
ENSMUSG Bphl	19.22798	23.7948	18.27489	25.93223	24.25948	25.435983
ENSMUSG Lrrc4	0.137006	0.227729	0.204452	0.07158	0.11259	0.300965
ENSMUSG H2afx	16.35751	14.54922	15.87609	19.56136	19.09118	22.731831
ENSMUSG Thyn1	12.78766	13.30767	13.35936	11.71849	8.619782	12.227467
ENSMUSG Sumo2	39.05904	51.29253	37.62791	47.78739	29.61761	37.806121
ENSMUSG Myo1d	33.08366	31.195	29.65284	25.54796	25.43398	24.605627
ENSMUSG Nt5c	35.67662	33.35088	37.77788	36.42001	35.26564	37.167534
ENSMUSG Jpt1	26.40967	24.5553	36.63034	38.85059	43.27398	40.969521
ENSMUSG Grin2c	2.158117	1.414948	2.319931	1.468241	1.127595	1.911342
ENSMUSG Rab37	0.536597	0.404731	1.314606	2.510658	1.534384	2.476722
ENSMUSG Slc9a3r1	35.49415	37.1944	35.03454	43.32941	39.84527	45.833672
ENSMUSG Ccr3	0.855451	0.580688	0.692525	4.671153	5.142713	5.577151
ENSMUSG Ccdc92b	0.149034	0.253712	0.22356	0.19754	0.185386	0.242544
ENSMUSG B3galt2	0.037857	0.122527	0.03745	0.286992	0.102211	0.04914
ENSMUSG Olfr23	0	0	0	0	0	0
ENSMUSG Fhl5	0	0.02596	0.18293	0.599769	0.603761	0.564882
ENSMUSG Clca1	0	0.548885	0	548.1143	479.7286	572.83148
ENSMUSG Odf2l	3.7114	4.488054	3.982309	4.646202	3.688421	4.068805
ENSMUSG Olfr390	0	0	0	0	0	0
ENSMUSG Mrpl15	5.134831	4.839653	4.455862	6.064442	4.652742	4.817901
ENSMUSG Ccnc	9.083032	8.293989	8.276047	7.9244	7.77224	6.844269
ENSMUSG Foxe3	0	0	0	0	0	0
ENSMUSG Dnah3	2.123355	2.842631	1.50976	3.046211	2.825468	2.976806
ENSMUSG Fpr2	16.30648	14.07354	16.65625	8.079051	8.742849	6.565201
ENSMUSG Bhlha15	0.871004	0.918569	0.659547	7.152741	7.136734	5.976195
ENSMUSG Ostn	0	0	0	0	0	0
ENSMUSG Sec23b	22.95407	23.54235	24.43478	23.59722	25.25907	24.466292
ENSMUSG Olfr1141	0	0	0	0	0	0
ENSMUSG Polr3f	6.587985	6.178048	5.726208	5.67924	5.322393	5.671329
ENSMUSG Olfr1154	0	0	0	0	0	0
ENSMUSG Kat14	11.26146	11.73202	11.15735	10.34104	10.59439	10.464008
ENSMUSG Olfr1156	0	0	0	0	0	0
ENSMUSG Snx5	33.50277	32.30931	34.14779	58.60817	61.22673	65.021953
ENSMUSG Rrbp1	44.88898	42.95514	48.37261	55.75559	58.0142	59.803858
ENSMUSG Olfr1160	0	0	0	0	0	0
ENSMUSG Olfr73	0	0	0	0	0	0
ENSMUSG Ppp1r3e	0.964423	0.661647	0.734777	0.904283	0.498787	1.023261
ENSMUSG Zfp111	2.220504	2.357038	1.90256	1.772758	2.224761	1.839402
ENSMUSG Spata31d1	0	0	0	0	0	0
ENSMUSG Cep164	6.759108	7.324099	6.52133	7.110097	7.432508	7.211721
ENSMUSG Krtap19-4	0	0	0	0	0	0
ENSMUSG Pdzd7	0.488112	0.740415	0.75669	0.56341	0.57245	0.425742
ENSMUSG Mup7	0	0	0	0	0	0
ENSMUSG Spdye4c	0	0	0	0	0	0
ENSMUSG Ms4a8a	7.355462	7.80518	9.770011	18.80534	26.84332	21.972641
ENSMUSG Ms4a10	0	0	0	0	0	0
ENSMUSG Tmem132	5.734617	5.802998	6.1562	7.787957	7.293782	8.162418
ENSMUSG Papolb	0.031139	0.055987	0.068148	0.025041	0	0.049751
ENSMUSG Zp1	0	0.076067	0	0.093355	0.032337	0
ENSMUSG Prpf19	38.5763	38.03941	38.1346	34.94327	35.1831	36.22775
ENSMUSG Zfp106	27.60549	30.26873	25.09899	26.2459	26.49134	24.982826
ENSMUSG Mtch2	22.31104	23.12659	22.56916	21.99201	23.42353	24.584915
ENSMUSG Slx4ip	1.267419	1.575126	1.108306	2.228327	1.960126	1.746371
ENSMUSG Snap23	25.97689	27.09105	27.63415	27.57116	26.77797	28.475422
ENSMUSG Lrrc57	14.25615	12.32235	12.86069	9.649253	9.175582	8.519455

ENSMUSG Haus2	9.188654	8.747535	7.644544	7.881084	7.430646	7.365761
ENSMUSG Cdan1	4.10006	4.167206	4.588716	3.214878	3.311196	2.871959
ENSMUSG Rce1	14.96107	13.72636	17.52049	15.01598	14.59662	14.160412
ENSMUSG Aldh3b1	33.28035	37.89848	30.78426	37.406	35.0555	37.604252
ENSMUSG Asah2	5.941986	5.94412	5.414563	6.360695	6.154653	6.277596
ENSMUSG Rin1	1.346487	0.924602	0.941653	1.405767	0.902502	1.317523
ENSMUSG Prkcq	3.871307	2.958599	4.138111	3.836539	3.628751	3.991542
ENSMUSG Mastl	0.177402	0.254348	0.151468	0.306567	0.417979	0.575821
ENSMUSG 4931423N	0	0	0	0	0	0
ENSMUSG Yme1l1	19.46862	21.97611	18.15251	20.54371	21.34823	19.049847
ENSMUSG Il2ra	0.751934	0.507264	0.489444	0.831374	0.981174	1.049887
ENSMUSG Spopl	5.782669	6.001463	5.612345	5.302984	5.079348	5.252185
ENSMUSG Pfkfb3	22.29491	22.9639	27.97633	18.67444	15.57326	14.237438
ENSMUSG Rnf2	10.64198	11.15261	10.10566	9.628732	9.719386	9.168471
ENSMUSG Rgl1	19.39377	19.44787	19.79375	22.12035	22.01182	25.021165
ENSMUSG Fam129a	20.92249	18.79418	18.2771	14.23302	15.12242	14.690685
ENSMUSG Ncf2	13.85869	12.49007	16.43155	29.46119	29.69211	33.612212
ENSMUSG Gcdh	8.661954	9.460179	9.504022	8.965574	9.015465	9.492425
ENSMUSG Farsa	14.67718	14.32925	15.79562	15.31127	14.08601	15.777114
ENSMUSG Coq8a	3.492503	4.787254	2.832522	4.248441	3.588421	3.413172
ENSMUSG Mill2	7.656225	6.797731	8.046804	4.586323	4.676329	3.254001
ENSMUSG Sun3	0	0	0	0	0	0
ENSMUSG Defb4	0	0	0	0	0	0
ENSMUSG Alkbh3	10.57345	9.336079	9.138503	8.01222	8.125191	9.714149
ENSMUSG Rbfa	10.79906	9.962155	11.83228	11.98393	13.00438	14.43334
ENSMUSG Dnajb11	37.48744	38.12213	44.61383	66.27456	72.98329	67.043917
ENSMUSG Tbccd1	5.064668	5.452313	4.904897	5.464413	5.72922	6.302541
Mus_musc Mus_musc	0.279901	0.124957	0	0	0.086041	0.137539
Mus_musc Mus_musc	93.19034	17.73773	41.95955	38.61651	23.70151	140.79578
Mus_musc Mus_musc	0.125015	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0.181303	0	0	0	0
ENSMUSG Cdkal1	3.784057	3.635831	3.765267	3.992339	4.08709	3.786395
Mus_musc Mus_musc	0	0.197048	0	1.029543	0	0.209303
Mus_musc Mus_musc	0	0	0	0.294671	0.338932	0.153402
Mus_musc Mus_musc	0.133405	0.151723	0.20631	0.457316	0.166709	0.282682
ENSMUSG Vmn1r198	0	0	0	0	0	0
Mus_musc Mus_musc	0.277418	0.085651	0	0	0	0.026383
ENSMUSG Cdk12	9.269356	9.670389	8.550795	8.937938	9.045384	8.572738
Mus_musc Mus_musc	0.088408	0.040066	0	0	0.084503	0
Mus_musc Mus_musc	0.135629	0	0.13878	0	0	0.090919
Mus_musc Mus_musc	0.064659	0	0	0	0.062354	0.095369
Mus_musc Mus_musc	0.486096	0.165232	0.153744	0.206918	0.535267	0
Mus_musc Mus_musc	0	0	0	0.27801	0	0
Mus_musc Mus_musc	0.167334	0.537383	0.235439	0.186353	0.177985	0.149823
ENSMUSG 6430628N	0	0	0	0	0	0
ENSMUSG Nsf	14.72329	13.48745	13.62805	12.78287	15.26886	15.455958
ENSMUSG Zmpste24	28.29815	28.15517	25.32857	22.59818	23.62193	23.27501
ENSMUSG Hsd1l	15.21428	13.79416	12.88194	12.70958	13.72124	12.724842
ENSMUSG Gabpa	15.22423	14.20105	13.19745	12.43973	12.88062	10.847796
ENSMUSG Ifit1	6.248541	6.391808	9.955721	5.444036	5.376543	5.685609
ENSMUSG Uroc1	0	0	0	0.015029	0	0.071295
ENSMUSG Eda2r	0.263371	0.389345	0.414875	0.415156	0.4559	0.498063
ENSMUSG Slc24a1	0	0.024539	0.023625	0.031278	0	0.031817
ENSMUSG Polr3b	7.557087	7.407393	6.823392	6.745437	6.623432	7.208494
ENSMUSG Gulo	0	0	0.039715	0	0	0.020429
ENSMUSG Mc1r	0	0	0	0	0	0
ENSMUSG Exoc8	7.771735	8.405476	7.806812	7.327224	7.174865	7.128431
Mus_musc Mus_musc	0	0.273905	0	0	0	0
ENSMUSG Met	14.78475	19.59251	11.91872	18.38745	18.66466	22.068011
Mus_musc Mus_musc	2.258916	2.643693	3.047995	2.353513	1.780056	1.777446
Mus_musc Mus_musc	0.314475	0.061438	0.180498	0.107883	0.261154	0.105823
Mus_musc Mus_musc	8.812527	11.88079	8.708426	12.20598	11.26513	12.439499
Mus_musc Mus_musc	0	0	0.054914	0.143393	0.192171	0

ENSMUSG Slc16a12	3.459992	3.031562	2.627956	3.213929	3.191697	3.445638
Mus_musc Mus_musc	0.161494	0.346504	0.219882	0.240735	0.335502	0.207106
Mus_musc Mus_musc	0.564666	0.548398	0.372119	0.445764	0.138281	0.362657
Mus_musc Mus_musc	0	0.217849	0.173453	0.113529	0	0
Mus_musc Mus_musc	3.297973	3.504658	4.43132	2.679764	3.380104	2.411809
Mus_musc Mus_musc	0.158966	0.100732	0.218753	0.681167	0.227316	0.312963
Mus_musc Mus_musc	0	0.019699	0	0.245373	0	0.08764
Mus_musc Mus_musc	0.435679	0.396292	0.370102	5.937757	4.569294	5.402595
ENSMUSG Sin3a	16.0476	15.92853	14.58813	13.83727	13.22552	14.046638
ENSMUSG Zp3r	0	0	0	0	0	0
Mus_musc Mus_musc	0.188031	0	0	0	0.185418	0
Mus_musc Mus_musc	0	0.196669	0	0.076641	0	0.107234
Mus_musc Mus_musc	0.192412	0	0.163595	0.305759	0.140718	0.110328
ENSMUSG Adprhl2	12.65248	13.15053	12.62949	12.78561	11.09865	12.993007
ENSMUSG Ghdc	6.989819	6.549775	6.716421	6.995861	5.01112	6.622921
ENSMUSG Coa7	1.923778	2.553006	2.397447	2.175108	1.578344	2.074354
ENSMUSG Slc12a5	1.669588	1.47371	1.595438	1.27778	1.261057	1.522926
Mus_musc Mus_musc	0.565808	0.526018	0.124502	0.184439	0.571495	0
Mus_musc Mus_musc	0	0.114344	0.337872	0.328537	0	0.232773
Mus_musc Mus_musc	0	0	0	0	0.373385	0
ENSMUSG Uqcrcq	24.9813	30.24985	29.72345	42.49461	38.17819	40.307104
ENSMUSG Olfr821	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.395261
ENSMUSG Olfr649	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.186633	0	0	0	0
ENSMUSG Ager	1434.419	1460.628	1499.263	962.5648	960.3891	936.8104
ENSMUSG Hbp1	39.7821	40.69842	35.06019	38.15088	39.62148	35.376691
ENSMUSG Prkar2b	9.958402	10.28065	7.7124	5.538639	6.001949	5.494099
ENSMUSG Apoc2	0.524164	0	1.115889	3.316787	1.929605	2.336049
ENSMUSG Elk3	33.30043	29.57069	31.13354	25.40037	24.68092	24.940481
ENSMUSG Elmo1	13.28245	15.21996	13.05678	10.48849	13.72082	10.215596
ENSMUSG Ccdc8	3.129928	3.248067	3.16988	2.01376	1.868903	1.94964
ENSMUSG Iqsec2	8.140855	9.121162	8.981411	6.415393	6.550324	6.571382
ENSMUSG Pde9a	29.06401	25.11413	30.62865	18.41215	18.06392	19.286528
ENSMUSG Gm2a	17.4102	17.62609	18.71642	29.99538	27.32543	30.829929
ENSMUSG Vmn1r227	0	0	0	0	0	0
Mus_musc Mus_musc	0.155459	0	0	0.285164	0.140453	0.037507
ENSMUSG Btbd35f4	0	0	0	0	0	0
ENSMUSG 1700008O	0	0	0	0.225477	0	0.076657
ENSMUSG Hist1h2bn	2.845149	3.16192	1.654555	3.173089	2.988789	2.527121
ENSMUSG Zfp474	2.258286	2.490837	1.436294	3.212839	3.319186	3.258259
Mus_musc Mus_musc	7.480384	8.035352	7.466042	3.387408	3.213568	3.452392
ENSMUSG Tex37	0	0	0	0	0	0
ENSMUSG Klhdc1	3.385456	3.519323	4.047882	3.121754	3.161915	2.835871
ENSMUSG Olfr875	0	0.184126	0	0	0	0
ENSMUSG Adra2b	0.087328	0.154864	0.040662	0.026527	0.142913	0.014039
ENSMUSG Capn11	0	0	0	0	0	0
ENSMUSG Gda	6.724756	7.530977	6.105766	11.03124	11.26096	11.88529
ENSMUSG Dthd1	0	0	0	0	0.046154	0
ENSMUSG Tcf19	3.640782	3.543454	3.302402	5.071591	5.972574	7.389391
ENSMUSG Olfr1452-Ꞥ	0	0	0	0	0	0
ENSMUSG Olfr1506	0	0	0	0	0	0
ENSMUSG Gm5788	0	0	0	0	0	0
ENSMUSG Atp9a	47.67661	43.19668	45.46131	32.39656	32.40717	34.142158
ENSMUSG Sall4	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.081395	0.216117	0.200579	0.54746	0.468382	0.793404
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.241327	0.137601	0.128563	0.123194	0.200962	0.073864
Mus_musc Mus_musc	0	0	0	0.155183	0	0.184186
Mus_musc Mus_musc	0.096334	0.092163	0.14564	0.312911	0.272622	0.254665
Mus_musc Mus_musc	0	0	0.19539	0.079589	0.230399	0
Mus_musc Mus_musc	0	0	0	0	0.083377	0
Mus_musc Mus_musc	0.814595	0.505827	0.696774	0.099644	0.175072	0.531466

Mus_musc	Mus_musc	0	0	0.154799	0.051331	0.248252	0
Mus_musc	Mus_musc	0.517078	0.056758	0.202084	1.693721	1.76193	1.29942
ENSMUSG	lqsec3	0	0	0	0.007015	0	0.018952
ENSMUSG	C1qtnf4	0.775447	0.651807	0.811548	0.913652	0.8899	0.498017
ENSMUSG	lqcc	5.719483	5.824035	4.807787	5.616511	5.953841	5.691159
ENSMUSG	Nusap1	1.07742	1.015106	1.08676	2.197153	3.10383	3.027606
ENSMUSG	Car10	0	0	0	0	0	0
ENSMUSG	Socs6	6.37396	5.626849	5.656282	6.897762	8.053251	6.86721
ENSMUSG	Nanos3	0	0.066897	0	0	0	0.075441
ENSMUSG	Hist2h2bb	5.239711	5.852007	4.342236	5.154257	4.868701	2.900087
ENSMUSG	Endog	6.470072	5.447685	5.226936	5.98299	5.681177	6.063927
ENSMUSG	Zdhhc12	8.557957	7.735536	8.066153	8.448343	7.993169	9.084369
ENSMUSG	Sbk3	0.533431	2.109397	0.397632	0.474171	0.260296	0.267323
ENSMUSG	Igkv4-54	0.206312	0	0	2.054659	10.35074	7.814421
ENSMUSG	Vmn1r61	0	0	0	0	0	0
ENSMUSG	Rfpl4b	0	0	0	0	0	0
ENSMUSG	Gm4301	0	0	0	0	0	0
ENSMUSG	A2ml1	0.350311	0.599719	0.202641	1.553951	1.344881	1.123359
ENSMUSG	Rnase2a	0.14334	0.127026	0	201.8191	266.7636	243.48409
ENSMUSG	Fam185a	1.684394	1.975816	1.74972	1.485518	1.930819	1.93067
ENSMUSG	Ccdc36	0.032922	0.02077	0.035073	0.034201	0	0.032057
ENSMUSG	Gm527	1.683314	2.325253	2.411072	1.790701	2.494181	1.976353
ENSMUSG	Olf1r684	0	0	0	0	0	0
ENSMUSG	Ndfip2	27.96009	26.12382	23.69362	22.56294	24.12757	24.630842
ENSMUSG	Olf1r212	0	0	0	0	0	0
ENSMUSG	Tmem139	2.352606	3.456824	1.796438	3.196769	2.709725	2.795552
ENSMUSG	Gm45618	0	0	0	0	0	0
ENSMUSG	Pfn5	0	0	0	0	0	0
ENSMUSG	Gm45692	0	0	0	0	0	0
ENSMUSG	Slc41a1	10.48643	10.3155	9.433253	9.613655	9.457694	9.804007
ENSMUSG	Noto	0.082044	0	0	0	0	0.042885
ENSMUSG	Tcea3	7.772063	8.295875	5.939301	6.432763	5.992511	5.925941
ENSMUSG	Rbbp8nl	0.358711	0.304959	0.160413	0.5736	0.329268	0.430562
ENSMUSG	Bloc1s5	2.64282	2.833966	2.505377	2.304988	2.820656	2.632628
ENSMUSG	Tspyl5	0.411794	0.425024	0.33248	0.379451	0.458025	0.605702
ENSMUSG	Cfap157	2.086901	3.028746	1.765051	3.593719	3.130245	2.841138
ENSMUSG	Camk1g	0.042724	0.053999	0.003079	0.111429	0.051342	0.034763
ENSMUSG	Hmgn3	6.102219	8.943635	7.098579	10.24415	10.02171	10.685735
ENSMUSG	Tnrc6a	11.06416	11.90154	10.30851	11.0973	10.67725	10.726829
ENSMUSG	Taar7f	0	0	0	0	0	0
ENSMUSG	Zfp141	2.917244	2.791689	2.466642	2.28554	2.415159	2.207599
ENSMUSG	Gpank1	10.19336	10.24978	12.21211	9.304174	10.52944	10.892178
ENSMUSG	Olf1r115	0	0	0	0	0	0
ENSMUSG	Krt39	0	0	0	0	0	0
ENSMUSG	Slc22a8	0	0	0	0	0	0
ENSMUSG	Slc35b3	8.370922	7.166498	7.535386	7.227614	8.83579	8.077079
ENSMUSG	Gm20920	0	0	0	0	0	0
ENSMUSG	Gm4131	0	0	0	0.178146	0.210177	0.255879
ENSMUSG	Ankrd24	2.726209	2.179899	2.742035	2.574285	2.219137	2.911363
ENSMUSG	Ap1s3	4.515108	3.840831	3.924862	5.014074	4.407124	4.704594
ENSMUSG	Tarbp2	10.44008	10.67543	13.04247	10.99574	12.64221	12.565724
ENSMUSG	Casp4	5.219066	4.470441	5.491229	9.593788	6.806229	7.496332
ENSMUSG	Ttc7b	13.99707	12.1799	15.44705	10.85386	11.01475	11.463645
ENSMUSG	Acsm1	1.443317	2.775875	1.06008	1.82789	0.97243	1.614324
ENSMUSG	Retnla	8.272913	22.3013	11.37019	6182.202	7878.735	7904.2568
ENSMUSG	Psm3	44.08356	42.46915	47.76118	43.25333	41.66306	44.007517
ENSMUSG	Sap18b	16.28462	17.41211	15.20607	16.56054	17.46437	12.230526
ENSMUSG	Gm49510	0	0	0	0.981052	0.417872	0.46211
ENSMUSG	Zhx2	9.258615	8.931531	8.850965	6.357395	6.746906	6.448455
ENSMUSG	Vmn1r22	0	0	0	0	0	0
ENSMUSG	Gm17387	0	0	0	0	0	0
ENSMUSG	Adgrg3	2.501549	2.131131	2.562158	1.99321	1.479672	1.655567
ENSMUSG	Wtap	25.31405	24.81407	26.23855	23.80093	23.00327	23.892842
ENSMUSG	Irak2	11.23023	10.302	11.56881	10.93514	9.820814	10.035359

ENSMUSG Phrf1	15.13445	13.62508	13.41575	11.68842	11.79066	12.552281
ENSMUSG Mcl1	111.0625	112.3552	118.2764	86.9306	97.49327	96.22802
ENSMUSG Nfe2l1	72.12966	71.89816	76.48998	61.72419	61.53311	61.01066
ENSMUSG Rassf7	23.02411	26.02287	25.26016	19.40132	19.2887	18.029541
ENSMUSG Ensa	29.10911	29.38297	27.91449	27.19758	26.68249	26.122752
ENSMUSG Gm8653	0	0	0	0	0	0
ENSMUSG Dlgap4	24.5724	22.26088	25.46403	22.00543	20.63766	20.167631
ENSMUSG Urb2	3.607194	3.165375	3.397964	3.077501	3.099801	3.09376
ENSMUSG Abcb10	5.603235	5.788088	5.218504	4.785851	5.308332	5.05616
ENSMUSG Acta1	0.418721	2.118656	0.675245	0.886575	0.659881	2.009031
ENSMUSG Dbndd1	1.217372	1.478011	1.216531	1.5143	1.615471	1.016304
ENSMUSG Ccsap	0.881675	0.649944	1.006015	0.963792	0.976396	1.172335
ENSMUSG Olfr173	0.130499	0.037384	0.059596	0.018792	0.139986	0.080067
ENSMUSG Cog2	10.10363	10.22388	9.403405	9.584322	9.907118	9.296241
ENSMUSG Slc8a2	0.179918	0.130199	0.061139	0.118944	0.216004	0.112101
ENSMUSG Strn4	26.77689	25.62247	27.60048	22.7847	23.23656	23.699542
ENSMUSG Psg28	0	0	0	0	0	0
ENSMUSG Pcbp4	10.88167	10.69276	11.36065	9.065477	8.271326	10.519999
ENSMUSG Sult2a8	0	0	0	0	0	0
ENSMUSG Irak1	23.3462	20.09812	20.97102	24.53195	23.51094	24.125578
ENSMUSG Mecp2	11.70266	11.36945	9.226974	7.879967	8.373046	7.465489
ENSMUSG Avpr2	0.044997	0.011525	0.11626	0.093027	0.014163	0.071917
ENSMUSG L1cam	5.548221	4.758347	5.027842	3.629916	3.720975	3.822867
ENSMUSG Tkrl1	0	0.067514	0	0.045246	0.058214	0
ENSMUSG Opn1mw	0.038953	0	0.082207	0	0	0
ENSMUSG Plxna3	0.907371	0.891896	0.881653	0.81439	0.850034	0.874255
ENSMUSG Fam3a	18.80559	17.31405	18.58678	13.67524	15.89096	15.709561
ENSMUSG Tgfbra1	16.91881	16.96225	17.54104	15.23267	15.39612	15.327745
ENSMUSG Mrps23	15.03547	17.10875	15.07473	16.6426	15.6323	15.120117
ENSMUSG Speer4d	0	0	0	0.229908	0.436124	0.213308
ENSMUSG Rraga	34.38221	34.31617	37.45768	31.20321	30.76004	32.104641
ENSMUSG Ttc26	2.163437	2.173535	1.582603	2.115675	1.994693	1.777729
ENSMUSG Lmod1	3.257402	3.868519	3.493315	4.494977	4.504071	4.971536
ENSMUSG Ubald1	23.7265	19.92274	23.36596	19.5014	19.16909	20.599953
ENSMUSG St5	34.89758	35.42133	36.88256	26.95451	30.92787	26.186177
ENSMUSG Trim66	0.023133	0.013729	0.052452	0.034127	0.021939	0
ENSMUSG Stk33	5.181107	5.856397	3.18577	5.47991	4.399282	3.981151
ENSMUSG Tmem9b	33.31542	33.63364	34.24589	33.28439	30.56348	30.094609
ENSMUSG BC051019	6.194275	7.849593	4.056463	8.293809	7.646699	8.836582
ENSMUSG Akip1	14.00884	14.23607	13.43621	13.13353	13.62565	12.897883
ENSMUSG Tub	0.034803	0.137922	0.09673	0.171915	0.113472	0.187773
ENSMUSG Eif3f	42.12076	36.5709	37.79437	39.17859	41.1315	43.591534
ENSMUSG Aasdhpt	5.168179	5.48438	5.498773	5.105045	5.205012	4.782723
ENSMUSG Wasf2	47.09652	45.09888	44.68329	33.94861	34.64621	34.380101
ENSMUSG Gnl2	15.65144	14.93828	14.94511	12.18198	12.60435	12.899316
ENSMUSG Gria4	0.020078	0.049499	0	0.037771	0.030298	0.010155
ENSMUSG Kbtbd3	1.47162	1.982612	1.079455	1.863491	1.409089	1.52303
ENSMUSG Map3k6	15.16102	11.62228	12.35801	4.3865	6.113081	4.204219
ENSMUSG Meaf6	7.350847	7.812129	6.066517	7.104632	6.999987	8.998865
ENSMUSG Ssh3	13.52676	12.88222	13.41912	14.07805	14.26176	15.397271
ENSMUSG Mrps15	20.31532	18.68884	21.04562	20.88064	21.02386	22.108051
ENSMUSG Tut4	6.684075	6.270926	6.318936	6.443353	6.77322	6.1682
ENSMUSG Alkbh8	2.893555	3.045772	2.490226	3.058433	2.761069	2.669058
ENSMUSG Hgf	8.541135	8.760289	8.717035	8.90461	8.366269	7.556065
ENSMUSG Cd164l2	0.512414	1.115378	0.380363	0.866816	0.853597	1.673274
ENSMUSG Susd3	2.234492	1.55917	2.732028	5.846054	4.24127	3.969281
ENSMUSG lppk	3.870518	4.114786	4.189001	3.575905	3.570593	3.603892
ENSMUSG 5930422O	0.066706	0	0	0	0	0
ENSMUSG Barx1	0	0	0	0	0	0
ENSMUSG Nhlh2	0	0	0	0	0	0
ENSMUSG Aspnl	9.284902	7.834802	11.82249	14.08271	13.78679	11.762551
ENSMUSG U90926	0	0	0	0.135494	0	0
ENSMUSG Abcb9	2.759206	3.251457	2.440514	2.365213	2.411804	2.191368
ENSMUSG Usp4	30.81594	31.30663	31.37571	28.23376	26.03243	26.655229

ENSMUSG 1700102P	0.081442	0.45781	0.744478	0.600569	0.434429	0.404731
ENSMUSG Cdkl2	8.573052	8.847546	8.110676	7.752891	7.058068	7.578898
ENSMUSG Snrnp35	4.018898	5.581053	5.198764	6.530311	5.168898	5.51076
ENSMUSG Rilpl2	11.618	12.98694	12.36161	23.76553	24.89182	29.852604
ENSMUSG Uso1	23.54351	23.269	23.77434	27.82258	27.4966	26.794904
ENSMUSG Pitpnm2	30.49074	27.78991	29.45792	20.89199	21.30137	20.520759
ENSMUSG G3bp2	28.68969	31.0371	29.663	29.703	28.64754	30.033024
ENSMUSG Arl6ip4	28.0169	26.09087	31.05453	27.90503	27.70521	28.83082
ENSMUSG Rnf214	9.096965	8.746929	7.059357	8.050233	7.194194	7.173689
ENSMUSG Lgr6	0.760041	1.03897	0.440651	0.833062	0.774626	0.486086
ENSMUSG Olfr1032	0	0	0	0	0	0
ENSMUSG Aqp11	1.882377	2.00697	1.575216	2.130941	1.856033	1.590547
ENSMUSG D3Erttd751	2.94401	3.092406	2.862962	2.331316	2.70081	2.107212
ENSMUSG Jade1	9.802569	10.2888	10.31083	7.408921	8.88244	8.881445
ENSMUSG Larp1b	8.795137	8.054087	8.732146	8.382346	8.14822	8.141964
ENSMUSG Ptcd2	8.821974	10.01308	10.05666	10.53268	8.493242	8.97953
ENSMUSG Olfr947-ps	0	0	0	0	0	0
ENSMUSG 1700057G	0	0.039897	0	0	0	0
ENSMUSG Elk1	4.071983	4.074539	3.053326	4.021892	3.843926	3.875127
ENSMUSG Rnf216	18.5626	19.06334	18.19022	14.4624	15.55203	15.143088
ENSMUSG E130308A	1.617098	2.045568	1.216881	1.41487	1.197316	1.108431
ENSMUSG Cabs1	0	0	0	0	0	0
ENSMUSG Hmgcll1	2.450673	3.047391	2.0285	2.629194	2.829885	2.392967
ENSMUSG Myo7b	0.007781	0.018016	0.028245	0.044312	0	0
ENSMUSG Csnk2b	54.39263	59.25184	57.45591	55.07506	56.61616	56.433735
ENSMUSG Proc	0.740665	0.396746	0.337246	0.099438	0.491445	0.203014
ENSMUSG lws1	5.619805	5.235685	5.013748	4.975409	5.065832	4.376172
ENSMUSG Map3k2	7.332839	7.744298	6.106898	5.869348	5.902922	5.714705
ENSMUSG Ercc3	15.28498	13.10686	14.72745	12.5744	12.96464	13.029409
ENSMUSG Bin1	19.35378	19.26027	21.68932	21.81448	20.79835	22.166921
ENSMUSG Apol7c	0	0	0.043384	0.237541	0.042325	0
ENSMUSG Ubr3	15.5436	16.05486	13.47925	14.97439	14.1324	13.519987
ENSMUSG Cdkn2a	0.853529	0.530798	0.839259	1.979653	1.799553	2.1628
ENSMUSG Zfp385a	3.98868	3.62805	4.725994	8.054478	8.52491	9.123068
ENSMUSG Fgf22	0.052094	0.021409	0.060168	0	0.170396	0.071228
ENSMUSG Bex6	0.049961	0.030296	0.033168	0.068331	0.12568	0
ENSMUSG Cenpw	0.29624	0.220331	0.405338	0.236404	0.41824	0.51034
ENSMUSG Pjvk	0	0	0.072619	0	0	0
ENSMUSG Syt17	1.572461	1.999346	1.493737	1.591429	1.08137	1.567741
ENSMUSG Cxcl2	1.14947	0.312667	0.256772	0.882747	0.494451	0.508237
ENSMUSG Mark2	21.46829	23.71456	22.64932	21.47633	21.11998	22.791278
ENSMUSG Rcor2	0.548048	0.298292	0.534262	0.392965	0.420529	0.427751
ENSMUSG Dnajc4	10.45577	11.13118	11.04695	10.4509	10.13567	10.888739
ENSMUSG Vegfb	13.51429	12.96288	13.93595	12.6875	12.54189	12.123169
ENSMUSG Plcb3	29.79261	28.85911	28.97077	23.60522	25.72568	25.340471
ENSMUSG Stip1	34.59142	59.99077	52.27766	40.52372	44.94444	45.77359
ENSMUSG Fermt3	12.02207	10.66655	14.81334	24.1389	24.20432	27.321289
ENSMUSG Blvra	15.7569	14.64304	16.09397	15.62337	17.46285	20.950525
ENSMUSG Ap4e1	3.59987	3.393089	3.385677	2.951201	2.763688	3.115279
ENSMUSG Sipa1l2	20.86112	20.28846	17.88137	11.46626	13.27492	10.925545
ENSMUSG Armc6	6.029822	5.751047	6.116396	5.846666	5.581666	6.329386
Mus_musc Mus_musc	0	0	0	0.080691	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.284382	0.329416	0.267832	0.504624	0.689453	0.458766
ENSMUSG Galt	10.07384	9.466522	9.315884	9.517585	10.0176	8.997215
ENSMUSG Olfr1325	0	0	0	0	0	0
ENSMUSG Senp8	1.427088	1.136375	1.55437	1.3005	0.984745	1.138715
Mus_musc Mus_musc	0.542481	0.533592	0.172172	0.248245	0.672619	0.525212
ENSMUSG Tmem198	0.656413	0.560723	0.868262	0.642068	0.850644	0.673945
ENSMUSG Adamtsl5	19.71826	18.67987	18.58361	12.88337	10.41184	11.560791
ENSMUSG Hunk	3.144235	6.149409	2.773977	1.448387	1.641736	1.495398
ENSMUSG Nr1i3	0.312634	0.019003	0.225684	0.325593	0.040435	0.067385
ENSMUSG Tomm40l	5.303321	5.439578	5.975328	4.669873	4.950198	5.240804
ENSMUSG Kit	61.32801	49.02263	53.04649	34.64702	41.50108	35.233349

ENSMUSG Otud6b	13.73807	14.33869	14.33383	12.27317	12.2074	12.004928
ENSMUSG C3ar1	0.823975	0.734734	0.696033	8.098239	9.315276	9.929072
ENSMUSG Aipl1	0	0	0.039864	0.081685	0	0.022995
ENSMUSG Mettl27	2.596899	2.041091	2.90732	3.412282	3.502121	3.29156
ENSMUSG Opn3	0.702839	0.640841	0.309312	0.86236	0.879029	0.886713
ENSMUSG Rgs7	0	0.072235	0	0	0	0
ENSMUSG Fh1	19.19244	20.39209	19.12345	20.42599	20.31561	20.39085
ENSMUSG Pycr2	16.53064	16.18294	15.21789	20.62047	20.24348	21.081165
ENSMUSG Wdr64	0	0	0	0	0	0
ENSMUSG Vmn1r132	0	0	0	0	0	0
ENSMUSG Casq1	0.72469	1.042569	0.76346	0.46599	0.350743	0.412749
ENSMUSG Gm7233	0	0	0	0.037271	0.046859	0
ENSMUSG Slc6a16	0	0	0	0	0	0
ENSMUSG Btdb35f8	0	0	0	0	0	0
ENSMUSG Gm7995	0	0	0	0	0	0
ENSMUSG Sult2a7	0	0	0	0	0	0
Mus_musc Mus_musc	0.306613	0.063466	0.05722	0.160544	0.08371	0.209735
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.081517	0.369718	0	0.104611	0	0
Mus_musc Mus_musc	0.188031	0.149512	0.196946	0	0	0
ENSMUSG Nxf2	0.08219	0	0.037204	0.037959	0.100774	0
ENSMUSG Cfap65	2.965328	2.816851	2.376507	4.292703	3.648249	3.51411
ENSMUSG Mipol1	2.912016	2.244165	1.996	2.24112	1.832867	1.952524
ENSMUSG Ccer1	0	0	0	0	0	0
ENSMUSG Acsm4	0	0	0	0	0	0
ENSMUSG Scgb2b12	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.259297	0	0	0	0
Mus_musc Mus_musc	0.21817	0.066867	0.268186	0.174016	0	0
Mus_musc Mus_musc	0	0.154309	0	0.067382	0	0
Mus_musc Mus_musc	0.196762	0.255413	0.242572	0.603217	0.059791	0.156662
Mus_musc Mus_musc	3.930543	4.015555	3.543109	6.535855	3.570502	3.69872
Mus_musc Mus_musc	1.082491	1.000935	0.921838	1.352476	0.747682	1.186358
ENSMUSG Purb	24.38654	25.01385	20.79856	18.36782	18.68459	17.459724
ENSMUSG Gm21958	0.521137	0.406375	0.664841	0.342696	0	0.241865
ENSMUSG Gm28040	0.311476	0.132713	0	0.121465	0.191844	0
ENSMUSG Gm21244	0	0	0	0	0	0
ENSMUSG Pdik1l	3.411472	4.523935	4.010363	4.751944	4.024091	3.907944
ENSMUSG Tatdn1	6.354469	5.472918	5.182303	5.087682	6.460639	4.341149
ENSMUSG Olfr393	0	0	0	0	0	0
ENSMUSG Rtn4rl2	0.909687	0.914354	0.946609	1.390707	1.479487	1.659055
ENSMUSG Ccdc184	0.976159	0.917821	1.156563	0.483177	0.535369	0.838892
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.394472	0	0.110261	0	0	0
ENSMUSG Olfr1118	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.276572	0.22588	0.297359	0.244052	0.653591
Mus_musc Mus_musc	187.696	186.2696	364.9829	443.561	339.791	409.48432
Mus_musc Mus_musc	0	0	0.221251	0	0.285472	0.140993
Mus_musc Mus_musc	0	0.088509	0.097023	0	0.186738	0
Mus_musc Mus_musc	3.941139	4.445963	3.878985	2.710637	4.606923	2.138228
Mus_musc Mus_musc	0.116006	0	0.186812	0.098596	0	0.112073
Mus_musc Mus_musc	0.352044	0.212977	0.427439	0.154375	0.270515	0.544535
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0.192751	0	0	0	0
Mus_musc Mus_musc	1.194858	0.919472	1.332436	1.113163	0.761283	0.666499
Mus_musc Mus_musc	0.25426	0	0	0	0	0
Mus_musc Mus_musc	0.18679	0.279128	0.167682	0.230281	0.283009	0.098437
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Aipl1	4.677753	4.619992	4.167153	3.281835	4.160538	3.651219
ENSMUSG Gm3099	0	0	0	0	0	0
ENSMUSG Rnaset2a	51.49773	32.72921	48.45365	49.86238	64.35497	66.089697
ENSMUSG Gm10662	0	0	0	0	0	0
ENSMUSG Gm8281	0	0.020533	0	0	0	0
ENSMUSG Gm21783	0	0	0	0	0	0

ENSMUSG Gm16485	0.288633	0.241324	0.208933	0.178429	0.099463	0.209805
ENSMUSG Olfr828	0	0	0	0	0	0
ENSMUSG Vmn1r165	0	0	0	0	0	0
ENSMUSG Olfr483	0	0	0	0	0	0
ENSMUSG mt-Nd5	1062.965	1109.845	892.2613	1219.745	1214.368	1025.2604
ENSMUSG mt-Nd3	255.7184	332.9214	228.4638	310.2368	239.1164	216.72159
ENSMUSG mt-Nd4	1575.124	1894.23	1427.883	1558.529	1544.35	1395.4288
Mus_musc Mus_musc	0	0.154863	0.123873	0.253739	0.055606	0.175594
Mus_musc Mus_musc	0.36569	0.0777	0	0	0.377082	0.26677
ENSMUSG mt-Nd6	914.2303	941.188	811.9387	970.2787	988.6653	842.42053
ENSMUSG Olfr803	0	0	0	0	0	0
ENSMUSG Rp1l1	0	0	0	0	0	0
ENSMUSG Mnx1	0	0	0	0	0	0
ENSMUSG Nom1	4.164114	3.811032	3.643855	3.214807	3.397633	3.406167
ENSMUSG C1ql1	0.050678	0	0.102646	0.063322	0	0
ENSMUSG Kcna5	0.291114	0.176889	0.243384	0.138489	0.225942	0.112816
ENSMUSG Sprr3	0	0	0	0	0	0
ENSMUSG Ddx28	4.417365	5.149155	3.434309	3.924577	4.120163	4.319831
Mus_musc Mus_musc	0.024855	0.009147	0.065034	1.483164	0.99099	1.634525
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.163723	0.149909	0	0.328017	0.294591	0.335457
Mus_musc Mus_musc	0	0.15837	0.222284	0.300705	0	0.346965
Mus_musc Mus_musc	0.225715	0.341431	0	0.197338	0.360527	0.233467
Mus_musc Mus_musc	0.281156	0	0	0	0	0
Mus_musc Mus_musc	0.286546	0.253869	0.265605	0.420024	0.236607	0.199322
Mus_musc Mus_musc	0.359946	0.053233	0.241516	0.387439	0.48382	0.250064
ENSMUSG Cpped1	10.99418	11.81477	11.66072	11.08659	12.29683	12.499764
ENSMUSG Zmat2	23.85142	23.00343	26.13724	24.58543	23.69173	23.622561
ENSMUSG Hars	21.62054	20.78046	21.36127	21.69013	20.18396	22.128296
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Tspyl2	10.8484	10.32401	10.8858	8.077131	8.779699	9.174774
ENSMUSG BC024063	0.963035	1.221359	0.957919	0.999826	0.950023	1.002568
Mus_musc Mus_musc	0	0.350539	0	0	0.177511	0
ENSMUSG Olfr1180	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.258047	0	0
Mus_musc Mus_musc	0.388093	0.468903	0.578162	0.465556	0.365801	0.540334
Mus_musc Mus_musc	0.168636	0.30772	0.097316	0.087853	0.123616	0.178335
Mus_musc Mus_musc	0.043838	0.067194	0	0	0	0.210803
ENSMUSG Agr1b	0.068662	0.073094	0.067905	0.145729	0.101042	0.038862
ENSMUSG Sec14l3	574.8788	597.0476	446.5634	369.981	362.5669	377.75467
ENSMUSG Ak7	7.806277	8.663551	4.264289	8.786076	9.425252	8.628472
ENSMUSG Inhba	0.151161	0.362277	0.241111	2.03106	2.780351	2.884993
ENSMUSG Wap	0	0	0	0.089061	0	0
ENSMUSG Atp1b2	3.269015	2.629648	4.176712	2.084061	2.414454	2.609327
ENSMUSG Tmprss2	20.909	24.29581	21.4056	21.05465	18.65321	22.172451
ENSMUSG Tbrg4	7.745095	6.21055	7.894335	8.257117	7.818547	8.204934
ENSMUSG Mx1	0.396876	0.337695	0.797529	1.297168	1.222032	1.642831
ENSMUSG Plekhg4	0.034612	0.221461	0.04196	0.059205	0.044868	0
ENSMUSG Chrna10	0.154045	0.264918	0.063344	0.263183	0.140674	0.264642
ENSMUSG Vps37b	11.38278	9.262014	12.15985	8.113805	7.822814	7.974521
ENSMUSG Adam2	0	0	0	0	0	0
ENSMUSG Clu	66.9115	84.10119	58.60016	78.42332	70.16867	92.660767
ENSMUSG Ccdc25	9.806725	11.20251	10.67661	10.53504	9.013305	11.900195
ENSMUSG Esco2	0.245932	0.222485	0.366695	0.547079	1.075516	0.973791
ENSMUSG Pbk	0.26871	0.538826	0.649619	1.544798	2.238029	2.829508
ENSMUSG Scara5	2.199606	3.094462	1.275303	2.498275	2.251847	1.665929
ENSMUSG Elp3	16.51958	14.7196	14.08487	13.87201	14.18987	13.552709
ENSMUSG Olfr559	0	0	0	0	0.027401	0.023249
ENSMUSG Dach1	7.81951	5.211482	5.841655	5.414842	6.149795	5.903914
ENSMUSG Zfp580	4.907171	4.362321	5.191382	4.087974	3.075689	3.445663
ENSMUSG Hmcn2	0.218076	0.245705	0.134903	0.104092	0.12465	0.169
ENSMUSG Zfp809	21.90954	24.68791	17.34475	22.08469	19.37956	24.351872
ENSMUSG Vmn1r12	0	0	0	0	0	0
ENSMUSG Gm49394	0.017622	0	0.008329	0	0	0

ENSMUSG Gjb6	3.552501	3.307889	4.022194	1.875637	3.425035	2.348747
ENSMUSG Baz2a	17.52026	16.92416	18.27306	17.32941	16.87157	17.433106
ENSMUSG Zar1l	0	0	0	0	0	0
ENSMUSG Gm8251	0.049985	0.045274	0.03565	0.057802	0.040926	0.064473
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.634171	0.648924	1.177051	0.380102	0.449874	0.479535
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.282953	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.552559
ENSMUSG Gm11938	0	0	0	0	0	0
ENSMUSG Pkn1	33.44283	32.12262	34.33995	31.25872	30.6223	29.509982
ENSMUSG Strip1	11.45726	11.94836	12.44773	11.24372	11.90119	12.233662
ENSMUSG Alx3	0.049667	0	0	0.037886	0.086572	0.021918
ENSMUSG Tnnt3	0.599296	1.065721	0.943318	0.740415	0.41889	1.206855
ENSMUSG Akna	11.60346	10.18146	14.22606	16.08868	14.65921	15.196187
ENSMUSG Ube2h	33.47433	33.78291	28.41109	27.41263	28.83305	27.789819
ENSMUSG Runx2	1.194871	1.244946	1.544488	1.617144	1.698151	1.90416
ENSMUSG Shd	0.112624	0.177166	0.182242	0.173429	0.035503	0.165438
ENSMUSG Cdh26	0.064983	0.244093	0	0.094548	0.07704	0.074105
ENSMUSG Stim2	13.15386	11.44936	12.12654	9.586221	9.083943	9.77583
ENSMUSG Fam102a	12.36275	12.22781	10.80302	10.61776	10.0662	10.618121
ENSMUSG Pcna-ps2	0.63627	0.191342	0.628303	0.865236	0.244753	0.64027
ENSMUSG Nms	0	0	0	0	0	0
ENSMUSG Rgs7bp	0.547276	0.680524	0.57021	0.748955	0.92469	0.790723
ENSMUSG 4933425LC	0	0	0	0	0	0
ENSMUSG Srek1ip1	4.556205	5.108583	4.011609	5.205143	5.359386	4.742875
ENSMUSG Cwc27	6.346402	5.633481	6.876828	4.965258	4.852829	4.676338
ENSMUSG Cenpk	0.316503	0.510135	0.290613	0.510878	0.557311	0.532888
ENSMUSG Ppwd1	5.577228	5.613711	5.995356	4.896174	5.218481	5.881757
ENSMUSG Trim23	6.945892	7.049628	6.473128	6.525879	6.009318	5.713373
ENSMUSG Trappc13	13.95595	12.8554	11.73922	13.5942	14.3154	12.983201
ENSMUSG Nln	7.387709	7.05609	6.576486	6.744807	7.474959	7.873345
ENSMUSG Olfr169	0	0.012286	0	0	0	0
ENSMUSG Doxl2	0	0	0	0	0	0
ENSMUSG Ugt2b35	0	0	0	0	0	0
ENSMUSG Plekhs1	0.079388	0.074364	0.108267	1.37256	0.697647	0.886094
ENSMUSG Chd2	12.46936	11.83491	9.842163	10.66281	10.77622	10.668382
ENSMUSG Ankrd34a	0.137074	0	0.049052	0.187153	0.069025	0.14183
ENSMUSG Gpr137c	1.762902	1.987766	1.992872	1.005641	1.137075	1.323089
ENSMUSG Il23r	0.161807	0.085155	0.097777	0.14513	0.18159	0.089354
ENSMUSG Zadh2	18.13823	18.25554	16.84356	14.41038	14.09294	15.13971
ENSMUSG Sephs2	16.46385	13.10491	15.61973	16.67038	16.41195	17.918098
ENSMUSG Lamb2	44.2548	38.23231	39.12389	28.83454	29.4918	30.623559
ENSMUSG Senp7	5.550811	6.221558	4.893546	5.043483	5.137389	4.525469
ENSMUSG Olfr147	0	0	0	0	0	0
ENSMUSG Cyp2j6	4.466698	4.222367	3.59513	3.791739	3.531411	3.592526
ENSMUSG Gm10134	0.550276	0.878469	1.771834	1.430038	1.348497	1.353476
ENSMUSG Sec24a	5.345491	5.217201	3.984366	6.451666	7.089378	7.03806
ENSMUSG Gadd45a	9.457766	8.279455	9.733444	10.56995	9.638851	11.4703
ENSMUSG Olfr64	0	0	0	0	0	0
ENSMUSG Glb1l2	8.812704	9.020469	7.161133	4.432651	4.497767	4.49251
ENSMUSG Ppp1r11	21.93719	22.70848	25.01739	22.98098	24.12764	22.760214
ENSMUSG Fbxo21	10.35592	9.457382	9.733561	7.548588	8.39597	8.43603
ENSMUSG Styk1	0.098967	0.092768	0.242658	0.188226	0.17189	0.140483
ENSMUSG Pcif1	16.59449	16.61931	15.46177	12.64498	12.05078	13.083855
ENSMUSG 1700031FC	0	0	0	0	0	0
ENSMUSG Rapgef1	24.82788	22.53383	23.23903	18.90146	19.19073	18.343299
ENSMUSG Nfyc	16.36933	18.20715	16.64658	14.92569	14.97881	15.345574
ENSMUSG Mcph1	1.18532	1.156363	1.092758	1.463983	1.435094	1.712214
ENSMUSG Rangrf	1.167877	1.231635	0.873748	0.727383	0.936785	0.973909
ENSMUSG Zfp800	5.399747	5.440049	5.016895	6.999959	5.619602	4.644534
ENSMUSG Prok1	0	0	0	0	0.016457	0.03608
ENSMUSG Itgad	0.020776	0.051548	0.133974	0.116533	0.235914	0.074041

ENSMUSG Timp3	333.529	323.6476	292.5664	146.4242	180.1499	155.73694
ENSMUSG Plpp4	0	0	0.029591	0	0	0.072003
ENSMUSG Amy2a1	0	0	0	0	0	0
ENSMUSG Btbd11	0.424778	0.376469	0.243628	0.466098	0.422864	0.509346
ENSMUSG Ckap2l	0.838289	0.749853	0.544075	2.402222	2.825619	2.97393
ENSMUSG Vmn2r49	0	0	0	0	0	0
ENSMUSG Gm3727	0	0	0	0	0	0
ENSMUSG Sgcd	2.234574	1.319883	0.89159	1.316376	1.373234	1.316019
ENSMUSG Cmtm4	18.05284	19.69075	16.32211	14.42575	15.40391	14.700201
ENSMUSG Mfsd6l	1.868448	1.549235	1.117931	1.683395	1.220569	1.186303
ENSMUSG 9130401M	8.356338	8.521771	8.177189	9.318995	9.15195	10.152899
ENSMUSG Cyp27b1	0.074043	0	0.025241	0	0.064584	0
ENSMUSG Zfp867	3.00707	2.778833	2.694859	2.132386	2.75549	2.156685
ENSMUSG Acsm2	0	0	0	0	0	0
ENSMUSG Lhpp	3.207598	3.450425	3.030461	5.146225	5.509093	5.211732
ENSMUSG Thumpd1	10.50969	9.803946	10.05293	9.359208	8.706639	9.425076
ENSMUSG Zfp408	3.985317	3.367771	3.824757	3.239375	3.355951	3.361492
ENSMUSG Exoc6b	10.14357	10.67111	8.846003	8.206644	8.226854	7.603981
ENSMUSG Nrnx2	1.62783	1.253516	1.986946	1.218466	1.527317	1.113494
ENSMUSG Moap1	1.281206	1.877805	1.135367	0.782928	0.572439	0.845688
ENSMUSG Calm4	0	0	0	0	0	0
ENSMUSG Gm10147	0	0	0	0	0	0
ENSMUSG Tmem131l	4.852578	5.155904	5.054701	6.461545	6.143693	6.149002
ENSMUSG Rbm4b	7.313329	8.21302	8.180633	7.023834	6.08869	6.026623
ENSMUSG Mtss1l	23.94972	23.49193	23.21051	14.8963	15.08244	13.217212
ENSMUSG Recql4	0.275186	0.23115	0.2124	0.421702	0.434945	0.394515
ENSMUSG Olfr1491	0	0	0	0	0	0
ENSMUSG 5-Sep	2.598258	1.9017	3.487272	4.394354	2.743753	4.330285
ENSMUSG Vnn1	2.454682	2.107765	1.703941	4.404315	5.118894	5.151688
ENSMUSG Cys1	17.67345	17.17617	16.81014	7.86467	9.447125	7.196126
ENSMUSG Cep85	2.644177	3.016701	3.010105	2.916317	2.948473	3.191679
ENSMUSG Slc7a9	0	0	0	0	0	0
ENSMUSG Faap24	2.98436	2.819946	2.69192	3.448479	3.415801	3.688966
ENSMUSG Tulp1	0.80095	0.81407	1.080086	0.990198	1.181219	1.404802
ENSMUSG Tdrd12	0	0	0	0.025995	0	0
ENSMUSG Gas2	0.770181	1.076594	1.0344	0.689615	0.491903	0.672934
ENSMUSG Kctd15	5.089377	5.390719	6.531633	5.156476	4.600555	5.139805
ENSMUSG Dram2	34.37498	34.89698	35.41478	32.35926	32.3105	31.535995
ENSMUSG Dennd2d	5.787275	6.941816	5.686274	8.632113	8.180564	9.922781
ENSMUSG Chil6	0.061437	0	0	0.022534	0.086966	0
ENSMUSG Ddx20	6.282903	6.080901	5.864091	5.739508	5.495374	5.141269
ENSMUSG Olfr1283	0	0	0	0	0	0
ENSMUSG Tchhl1	0	0	0	0	0	0
ENSMUSG Akap10	9.232169	8.691709	7.985652	8.751168	8.970749	8.93179
ENSMUSG Clip2	8.294881	8.234937	9.033771	8.013656	8.941681	8.780383
ENSMUSG Atf1	18.01464	18.43256	17.10215	18.09775	18.20648	19.476098
ENSMUSG Dip2b	7.130817	6.853413	6.909038	6.397984	7.273102	6.881297
ENSMUSG Larp4	10.86984	12.09683	11.48803	12.92019	11.85719	12.118633
ENSMUSG Supt5	33.9556	32.97249	32.61728	33.43636	31.75396	30.096022
ENSMUSG 1500015O	0.322697	0.461559	0.1002	0.590343	0.974857	0.613818
ENSMUSG Lima1	33.00921	34.06372	35.43212	27.75061	27.37025	29.997875
ENSMUSG Cers5	29.1596	29.98308	27.25181	27.90067	25.36085	28.938639
ENSMUSG Cox14	37.6414	44.91936	43.60913	43.78011	40.28165	42.245777
ENSMUSG Cited1	0	0	0.040142	0.070245	0	0.069957
ENSMUSG Khdrbs2	0	0	0	0	0	0.008899
ENSMUSG Timm50	12.80829	12.87352	12.02975	12.48282	12.92675	13.275573
ENSMUSG Aebp2	15.9194	14.79005	16.07712	15.7546	15.21536	13.90624
ENSMUSG Plcz1	0	0	0	0	0	0
ENSMUSG Plekha5	10.2605	8.471786	8.567966	7.195539	10.089	6.922671
ENSMUSG Slco1b2	0	0	0	0	0	0
ENSMUSG Slco1a4	0.073629	0.080767	0.035838	0.024079	0	0
ENSMUSG Slco1c1	0.016803	0.033018	0.094781	0.01577	0.065618	0.019531
ENSMUSG Zcchc3	4.919228	4.990371	4.00653	3.730504	3.594663	3.91604
ENSMUSG Defb23	0.0904	0	0	0.066097	0.080182	0.078515

ENSMUSG Defb26	0	0	0	0	0	0
ENSMUSG Pmfbp1	0	0	0	0	0	0
ENSMUSG Ces1f	6.248807	6.957489	4.55759	3.705231	3.872509	3.864723
ENSMUSG Hist1h1a	0.15073	0	0.034198	0.069512	0.046106	0.186423
ENSMUSG Adamts16	0	0	0	0	0	0
ENSMUSG Tecrl	0.623864	0.66852	0.799751	0.529046	0.469432	0.146173
ENSMUSG Tceal1	4.273875	3.725113	2.916635	2.661522	2.759423	2.496765
ENSMUSG Clrn2	0	0	0	0	0	0
ENSMUSG Ist1	35.68425	33.09009	34.62927	27.98447	28.88311	29.06035
ENSMUSG Sall2	2.656629	2.897219	2.074733	2.392476	1.854603	2.02794
ENSMUSG Acd	6.362265	6.37236	7.676951	6.377963	7.328962	6.643386
ENSMUSG Cramp1l	6.379429	6.861231	6.035318	5.915041	5.229794	5.470077
ENSMUSG Hpf1	9.436069	8.70748	9.766715	9.512176	9.253373	8.996827
ENSMUSG Acer2	158.06	141.3054	140.4188	74.88351	74.17109	76.56721
ENSMUSG Dnajc22	0.028493	0.08337	0.062649	0.071125	0.375483	0.146167
ENSMUSG Etv3	14.88772	14.62377	14.23499	13.74815	14.31927	14.157601
ENSMUSG Lrrc6	1.706358	1.884513	0.769616	2.340075	1.981277	1.943412
ENSMUSG Adcy8	7.623515	7.886634	7.52294	4.791568	5.278015	4.414577
ENSMUSG Asap1	13.535	11.50326	12.76744	10.36646	11.20919	10.389369
ENSMUSG Mrpl13	21.27059	19.73741	20.32508	22.5449	22.51134	21.777156
ENSMUSG Col14a1	6.429081	6.177588	5.277378	11.00466	10.32038	12.181384
ENSMUSG Sla	12.02186	14.72369	12.79835	26.7274	29.29755	27.498588
ENSMUSG Fam49b	13.87677	14.35264	17.0292	23.84262	20.34924	19.379699
ENSMUSG Setd5	17.19626	18.3012	17.20706	16.81702	15.94458	17.188218
ENSMUSG Colgalt1	29.53706	29.54326	30.88132	36.43051	38.30851	39.876293
ENSMUSG Sos2	15.28739	17.2515	15.53043	10.67381	12.08577	11.096767
ENSMUSG Zfp661	1.333921	1.268735	1.097782	1.022739	1.085873	1.29535
ENSMUSG Pik3r6	3.686845	3.845449	4.273766	4.657392	4.348474	4.206923
ENSMUSG Pnma2	0.03043	0.05372	0	0.056639	0	0.010014
ENSMUSG Lemd3	7.03512	6.834783	6.945036	5.544581	5.704441	5.124756
ENSMUSG Sprr2g	0	0	0	0	0	0
ENSMUSG Scaf8	14.27377	13.15724	12.03073	12.25548	11.82153	12.430947
ENSMUSG Rhno1	6.403398	5.460634	5.492063	6.190661	6.584348	5.353273
Mus_musc Mus_musc	0.366938	0.366485	0.30421	0.339971	0.449435	0.483218
Mus_musc Mus_musc	0.077385	0	0	0.037693	0.121316	0
Mus_musc Mus_musc	0.944566	1.275042	2.488963	1.421313	1.201878	1.27017
Mus_musc Mus_musc	0	0	0	0.203946	0.159981	0
Mus_musc Mus_musc	0.091605	0.042741	0.07797	0.318881	0.156375	0.236136
Mus_musc Mus_musc	0.674327	0.337149	0.410818	0.61092	0.360546	0.437728
ENSMUSG Bend6	0.665269	0.674465	0.455822	0.568823	0.627513	0.506867
ENSMUSG Nfrkb	6.591462	5.4188	5.442427	5.507798	4.92492	4.97559
ENSMUSG 1700069L1	0	0	0	0.092924	0	0
ENSMUSG Tekt3	0.186956	0.301998	0.212427	0.563362	0.682901	0.353726
ENSMUSG Olfr1417	0.065425	0.106322	0.030294	0.113637	0.025221	0.00797
ENSMUSG 4930470P1	0	0	0	0	0	0
ENSMUSG Pxy1p1	3.411123	4.336542	3.539747	3.730448	3.927051	3.82415
ENSMUSG Atp6v1b1	1.078414	1.292617	0.188263	2.263539	1.99614	1.949357
ENSMUSG Mob1b	11.36728	11.97245	9.598901	10.37914	9.939998	9.730012
ENSMUSG Gm2916	0	0	0	0	0	0
ENSMUSG U2surp	7.814125	14.52911	7.413431	14.6069	8.153861	13.706393
ENSMUSG Pias1	16.9403	16.2616	13.7777	11.81148	12.07351	11.72777
ENSMUSG 2300009A1	3.785594	3.643514	3.596495	3.912	4.945935	3.406672
ENSMUSG Smad3	9.763929	10.16728	9.193286	10.17036	8.686898	9.546094
ENSMUSG Lctl	0.049266	0.400717	0	0.173693	0.026854	0
ENSMUSG Zwilch	0.397758	0.539913	0.775227	1.066805	0.98557	1.055896
ENSMUSG Atr	3.155858	3.044994	2.811978	3.050996	2.828716	2.895126
ENSMUSG Colca2	3.767501	3.202164	3.121797	3.069005	2.659914	3.493557
ENSMUSG Tff2	0.980726	4.386465	0.260347	46.17	42.90311	36.591877
ENSMUSG Tff3	0	0.18376	0	0.241787	0.087098	0
ENSMUSG Mpp4	0.2639	0.231187	0.135557	0.224794	0.064663	0.280455
ENSMUSG BC030870	1.710999	3.836946	1.582193	2.567056	2.2107	1.856651
ENSMUSG Kifc1	0.901829	0.553362	0.647648	1.387183	1.686172	2.003934
ENSMUSG Glo1	25.84449	26.02589	25.14102	25.30298	24.58775	24.475406
ENSMUSG Glp1r	5.105561	5.559157	3.79256	3.484497	5.199319	4.497504

ENSMUSG Peak1	18.32605	16.49995	16.67717	14.82414	15.0657	14.335306
ENSMUSG Spink10	0	0	0	0	0	0
ENSMUSG Wfikkn2	0.410075	0.17893	0.264936	0.147587	0.183029	0.118233
ENSMUSG Ptx4	0	0.023897	0	0	0	0
ENSMUSG Olfr1384	0	0	0	0	0	0
ENSMUSG Hoxd13	0	0	0	0	0	0
ENSMUSG Evx2	0	0	0	0	0	0
ENSMUSG Upk2	1.328373	1.454041	0.480758	0.454969	0.285124	0.791848
ENSMUSG Gna12	32.64479	35.23767	35.1038	34.43604	37.14986	37.768319
ENSMUSG Brat1	6.360279	6.142325	5.939736	5.471624	5.598265	5.723633
ENSMUSG Vstm4	9.913333	9.021386	10.5658	7.003215	8.523644	7.293171
ENSMUSG Trhde	0	0	0	0.018273	0	0
ENSMUSG Axin2	11.34983	9.348087	10.63169	6.978302	7.377937	6.645309
ENSMUSG Rnf123	10.78912	10.82931	11.2442	11.86421	10.97592	12.23354
ENSMUSG Hoga1	1.645823	1.612838	2.364946	1.139331	1.73478	1.57902
ENSMUSG Ccdc160	1.285983	1.577149	2.131719	1.049762	1.617757	1.682019
ENSMUSG Armc1	11.62951	12.01163	11.24647	10.01465	10.19123	9.963133
ENSMUSG Itch	19.92218	22.12212	18.96006	19.2661	19.04206	18.030373
Mus_musc Mus_musc	0.271124	0.304121	0	0.130693	0.027113	0.184186
Mus_musc Mus_musc	0.221835	0.495671	0.413609	0.60652	0.357652	0.187911
Mus_musc Mus_musc	0	0	0.16538	0	0	0
ENSMUSG Ahcy	3.791918	4.718569	4.295881	5.935882	5.934255	5.376819
Mus_musc Mus_musc	0.327072	0.071783	0.314884	0.482766	0.44113	0.334955
Mus_musc Mus_musc	2.82989	3.581033	2.235558	3.269855	2.242349	3.830336
ENSMUSG Dnajc16	6.288532	5.725807	5.065495	5.410491	5.848949	5.162348
ENSMUSG Apobec2	0.168566	0.711779	0.175479	0.440555	0.214302	0.216743
ENSMUSG Slco4c1	8.391612	9.442183	6.675698	15.76232	15.79315	17.982927
ENSMUSG Abcb11	0	0	0	0	0	0
ENSMUSG Col16a1	8.726165	7.003658	8.411667	6.757588	6.400027	7.243578
ENSMUSG Ghsh	0	0	0	0	0	0.010886
ENSMUSG Limd2	31.15004	28.17245	31.91229	31.36463	28.19976	30.309692
ENSMUSG Stc1	2.97638	2.993276	2.204341	1.270314	1.017266	1.149178
ENSMUSG Dcpp3	0	0	0	0	0	0
Mus_musc Mus_musc	0.589077	0.667953	0.535309	0.435272	0.528481	0.570399
Mus_musc Mus_musc	0	0	0	0.007641	0	0.104041
Mus_musc Mus_musc	0.97667	0.911297	0.745284	0.414434	0.431956	0.496976
ENSMUSG Ssbp2	6.804299	7.45299	5.625716	5.309781	4.97316	4.829454
Mus_musc Mus_musc	3.2602	3.26221	2.79653	1.723794	1.640562	1.567426
Mus_musc Mus_musc	2.659782	1.812012	0.654958	1.355146	1.157326	2.242787
Mus_musc Mus_musc	0	0.072011	0.337872	0.237481	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.074552
Mus_musc Mus_musc	0.47938	0.174978	0.190278	0.440043	0.398391	0.673299
ENSMUSG Gm11549	0	0	0	0	0.0326	0
ENSMUSG Srpr	60.70517	59.92133	60.98959	54.16481	59.88758	59.337471
Mus_musc Mus_musc	0.112859	0.04853	0.111483	0	0.232072	0.379043
ENSMUSG Timm8b	24.15776	24.24736	32.70276	33.26287	31.36576	35.320171
ENSMUSG Hes7	0.38732	0.075931	0.148838	0.046663	0.120282	0.224352
Mus_musc Mus_musc	0	0	0.169385	1.131086	1.148712	0.284602
ENSMUSG Ccdc93	4.773676	5.319442	5.309865	4.611502	5.640862	5.503373
Mus_musc Mus_musc	0	0	0	1.432872	1.379474	1.052593
ENSMUSG Cdh7	0	0	0	0	0	0
ENSMUSG Hdac4	6.648313	6.585853	6.01389	4.35772	4.672148	4.926192
ENSMUSG Asb1	6.552661	5.985336	7.100445	4.754701	5.283812	4.989631
ENSMUSG Cln8	3.832042	3.809641	3.816463	5.368199	5.33361	5.580073
ENSMUSG Serpinb8	1.969159	2.263405	1.975716	2.364001	3.136052	2.268173
ENSMUSG Relch	7.830631	8.140588	7.42501	7.34953	7.604326	7.204234
ENSMUSG Srfbp1	5.970223	6.830163	7.161946	6.394886	6.798511	6.209896
ENSMUSG Gm20747	0	0	0	0	0	0
ENSMUSG Btdb35f5	0	0	0	0	0	0
ENSMUSG Rnaset2b	23.67915	26.39499	22.91508	33.62329	33.43901	39.523922
ENSMUSG Olfr1462	0	0	0	0	0	0
ENSMUSG Bin2	10.43718	8.596223	16.87785	20.15964	15.50601	18.062872
Mus_musc Mus_musc	0.422193	0.125719	0.201307	0.931216	1.004332	1.116988
Mus_musc Mus_musc	0.045161	0.507674	0.140111	0.393868	0.174414	0.522349

ENSMUSG Mrgpra2a	0.088153	0.316417	0.360194	0.114794	0.033323	0.040155
Mus_musc Mus_musc	0.850853	0.571962	0.55148	0.462727	0	0.336674
Mus_musc Mus_musc	0.137381	0	0.183274	0	0	0
ENSMUSG Gm2237	0.164055	0.098935	0.150749	0.19046	0.147835	0.113861
ENSMUSG Mup8	0	0	0	0	0	0
ENSMUSG Fbln2	4.60123	3.115842	2.729393	2.288647	2.074737	3.441334
ENSMUSG Olfr1202	0	0	0	0	0	0
ENSMUSG Narfl	7.768521	6.336365	7.757615	7.36745	7.903258	7.852048
ENSMUSG Angptl4	7.554441	12.20371	8.774122	3.619515	10.59919	6.554304
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gtf3a	16.18121	12.33897	14.87201	12.45688	13.68895	17.67076
Mus_musc Mus_musc	0	0	0	0.290027	0	0
Mus_musc Mus_musc	0	0.315718	0.068275	0	0.125751	0.082371
Mus_musc Mus_musc	0	0	0	0.114916	0	0.129017
Mus_musc Mus_musc	0	0	0	0	0.129037	0.30472
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Gm10912	0	0.027499	0.044751	0	0	0.020182
Mus_musc Mus_musc	0	0	0	0.177841	0	0
Mus_musc Mus_musc	0.531753	0	0.132663	0	0.278545	0.506144
ENSMUSG Olfr156	0	0	0	0	0	0
Mus_musc Mus_musc	0.115026	0	0.153682	0	0	0.041577
ENSMUSG Kmt5c	9.189038	9.596126	11.31296	10.12128	10.77462	10.297656
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Sh2d4a	13.61585	12.17906	12.83049	8.730068	8.855805	10.415763
ENSMUSG Elmo2	20.74654	22.31045	25.0161	22.57744	23.20554	24.939019
ENSMUSG Wsb1	20.46492	19.42061	26.03233	22.42524	17.9801	21.101231
ENSMUSG Ttpal	8.895457	7.791886	7.284593	8.395768	11.11336	8.286681
ENSMUSG Ribc2	0.255538	0.126471	0.060349	0.189661	0.390113	0.247012
ENSMUSG Ifnab	0	0	0	0	0	0
Mus_musc Mus_musc	0.109556	0.156987	0.300845	0.01033	0	0
ENSMUSG Def8	7.891337	7.98294	7.368429	8.146355	7.959842	8.746812
ENSMUSG Tex13c1	0	0	0	0	0	0
ENSMUSG Btdb35f14	0	0	0	0	0	0
ENSMUSG Rnf133	0.025673	0.027551	0	0.019582	0.042016	0.030398
ENSMUSG Olfr632	0	0	0	0	0	0
ENSMUSG Olfr371	0	0	0	0	0	0
ENSMUSG Ndufs8	38.92339	33.25501	42.09047	36.82429	37.43103	40.694721
ENSMUSG B3glct	3.081494	3.083045	2.707026	2.778851	3.165763	3.351384
ENSMUSG Xkr4	0.260471	0.126793	0.140951	0.0804	0.167684	0.09554
ENSMUSG Gm2035	0	0	0	0	0	0
ENSMUSG Atg4d	6.374361	7.061456	7.21746	6.663545	6.740502	6.692483
ENSMUSG Qtrt1	4.278943	3.492298	3.535849	5.133813	4.030333	4.483278
ENSMUSG B020011L1	0	0	0	0	0	0
ENSMUSG Gm7358	0	0	0	0	0	0
ENSMUSG Eci2	36.33534	36.44699	30.87543	29.25645	29.66454	26.507727
Mus_musc Mus_musc	0.044134	0.296658	0.041681	0.300729	0.23092	0.082844
ENSMUSG Pxdc1	80.70533	67.56911	64.01025	30.33845	40.17647	33.552293
ENSMUSG Osbp15	35.72378	33.84742	31.75013	24.94217	24.93816	24.461472
ENSMUSG Adgrl3	14.68113	15.27519	15.30051	8.366925	9.653727	7.850955
ENSMUSG Gm5519	0	0.134005	0	0	0	0
ENSMUSG Kdf1	6.034783	6.733152	6.682387	5.116039	5.115971	4.939076
ENSMUSG Nme1	6.162378	6.16093	8.377088	10.43449	10.43456	10.101214
ENSMUSG Bclaf1	24.49114	25.27868	25.01995	24.3766	22.13707	22.432533
ENSMUSG Slx4	5.881546	7.020335	5.452835	6.860179	6.673549	6.74216
ENSMUSG Fnbp1l	44.50246	45.05871	46.63137	30.82134	30.89483	28.747943
ENSMUSG Prkrip1	3.545294	3.604229	3.358674	2.845437	2.734619	3.042969
ENSMUSG Gm14025	0.046631	0.041578	0	0	0.058886	0.032565
ENSMUSG Slc8a3	0.162233	0.164895	0.206721	0.114892	0.045091	0.047028
ENSMUSG Cyp4v3	13.63808	13.34729	13.35423	14.67683	14.52458	16.073008
ENSMUSG Kcnp3	1.583327	1.475263	1.345522	0.512002	0.99398	0.407872
ENSMUSG Adam34	0	0	0	0	0	0
ENSMUSG Ttc9	3.508256	4.859453	3.323911	3.770857	3.728655	3.712058
ENSMUSG Serping1	128.8061	136.0063	142.3327	112.2667	117.0057	115.46022
ENSMUSG Anp32e	33.16931	33.51705	36.4421	27.50179	32.89851	27.88427

ENSMUSG Prpf3	8.066864	9.629515	9.640914	6.904857	7.496494	7.924643
ENSMUSG Vps45	4.421735	4.984291	4.288744	5.033249	4.96933	5.320098
ENSMUSG Plekho1	36.68778	30.50744	44.18308	46.27294	44.34853	47.510784
ENSMUSG Olfr1416	0	0	0	0	0	0
ENSMUSG Nsd3	17.50374	15.39376	14.67764	17.05292	15.59064	16.351579
ENSMUSG Cyp2c50	0	0	0	0	0	0
ENSMUSG Uprt	3.235952	3.640935	2.979113	3.730018	4.027944	4.091189
ENSMUSG Fnd3c2	0	0	0	0	0	0
ENSMUSG Gm5127	0.571727	0.077709	0.062943	0.125246	0.175856	0.254745
ENSMUSG Slc25a2	0.137624	0.033815	0.131916	0	0.1601	0.01601
ENSMUSG Eri1	5.679874	4.841769	5.176634	6.006737	6.542947	5.901846
ENSMUSG Aga	16.65995	16.16289	17.38714	18.10725	18.5782	18.711175
ENSMUSG Vegfc	4.288637	4.410511	4.458977	2.683927	3.152958	2.96864
ENSMUSG Dlc1	60.51019	55.88796	50.60315	34.83468	34.58243	34.408604
ENSMUSG Itih5	2.020053	1.907302	1.132535	0.99361	1.166236	0.723456
ENSMUSG Tnks	10.81039	10.66094	9.238958	8.728204	8.167003	8.704363
ENSMUSG Vmn2r60	0	0	0	0	0	0
ENSMUSG Ttll5	4.097846	4.38371	3.756351	3.715267	4.546358	4.905796
ENSMUSG Gm7697	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Unc13c	0.012826	0.035034	0.026351	0	0.028802	0.032457
ENSMUSG Tex33	0	0	0	0	0	0
ENSMUSG Ifnlr1	4.97393	4.665586	4.658024	3.594586	3.251625	3.477344
ENSMUSG 5730596B	0.338501	0.343998	0.529726	0.316729	0.176896	0.251787
ENSMUSG Ajuba	18.99	16.03454	18.01617	10.77243	11.80877	11.475475
ENSMUSG 4931414P	2.476663	2.868794	2.456851	2.646936	2.887054	2.690188
ENSMUSG Pdha1	48.30833	51.21329	44.08338	42.88942	45.22723	41.462421
ENSMUSG Adgrg2	0.563799	0.763277	0.818837	0.496952	0.878498	0.454056
ENSMUSG Slc7a3	0.090187	0.223777	0.017876	0.211097	0.157636	0.114932
ENSMUSG Phka2	3.81493	3.725322	4.150128	4.308898	5.180086	6.044107
ENSMUSG Rs1	0.002511	0.030545	0.038907	0.008343	0.00796	0.009462
ENSMUSG Cdkl5	11.50754	11.55921	9.461492	6.262198	6.783562	7.556793
ENSMUSG Dad1	55.36528	60.57776	62.76071	64.54863	58.00426	63.796271
ENSMUSG Lrch2	1.10477	0.813723	0.615471	0.725273	0.980637	1.115815
Mus_musc Mus_musc	0	0	0	0	0.380635	0.078681
ENSMUSG Gm17334	0.524333	0.714095	1.158574	1.106209	0.334647	0.388326
Mus_musc Mus_musc	0	0.198655	0	0	0	0
ENSMUSG Mphosph9	2.272033	2.525435	2.106376	2.168825	2.290009	2.313885
ENSMUSG Ccdc50	19.7169	20.2253	17.5657	17.92475	17.54064	18.863534
ENSMUSG Tbc1d32	2.459822	2.577711	1.515817	2.284166	2.029828	2.10359
Mus_musc Mus_musc	0	0.05319	0.07423	0.452014	0.072485	0
ENSMUSG Fam210a	4.94755	5.036749	4.151842	4.477651	4.793804	4.446725
ENSMUSG Zscan4-ps	0	0	0	0	0	0
ENSMUSG Camk4	0.522329	0.623428	0.485668	0.612227	0.906526	0.660976
ENSMUSG Pde2a	1.233275	1.211243	2.427375	0.368712	4.237047	2.026714
ENSMUSG CT030732	0	0	0	0.28649	0.084239	0
ENSMUSG AL607142	8.10E-05	0	0.00014	7.40E-05	0	0
ENSMUSG Camta1	4.646136	5.823017	4.604153	4.676382	3.321584	3.692607
ENSMUSG Csf1	15.5942	13.15657	21.13252	17.19464	15.28323	17.258865
ENSMUSG Cep170b	18.87467	17.90357	15.38551	12.56074	13.14015	12.961577
ENSMUSG Gm6351	0	0	0	0	0	0
ENSMUSG BC061212	0	0	0	0	0	0
ENSMUSG Tjap1	11.41122	9.540324	9.657712	8.446274	8.607808	7.508436
ENSMUSG Sbd5	81.30592	79.7855	91.11436	57.67663	60.36995	55.317715
ENSMUSG Padi4	1.022644	1.182172	1.02558	1.314889	1.406359	1.695094
ENSMUSG Gpr143	0.031536	0.080463	0	0.032916	0	0
ENSMUSG Kdm5c	15.75561	14.56287	14.86505	15.06005	14.95188	14.373996
Mus_musc Mus_musc	0	0.132993	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.233261	0	0.167132
Mus_musc Mus_musc	0.32	0	0.123763	0.341324	0.064618	0.095366
Mus_musc Mus_musc	0	0	0	0.373085	0	0.099618
Mus_musc Mus_musc	0	0	0	0.224395	0.229193	0.28184
Mus_musc Mus_musc	0.188031	0	0.095833	0	0	0
Mus_musc Mus_musc	0.170431	0.188426	0.138098	0.330334	0.488448	0.651684

Mus_musc Mus_musc	0.584619	0.854012	0.760025	0.400278	0.741283	0.112357
ENSMUSG Fnip1	9.969707	11.76094	11.32801	11.46224	9.736749	10.374396
ENSMUSG Gm12166	2.070308	1.526985	2.32058	2.516695	2.31631	1.640949
ENSMUSG Atxn1l	15.1911	15.16527	15.23419	13.07213	12.69035	11.745671
ENSMUSG Olfr1458	0	0	0	0	0	0
ENSMUSG 9930111J2	10.72153	9.836857	10.93629	15.70259	11.48131	12.154524
ENSMUSG 9930111J2	9.585069	8.380186	9.533154	15.37832	10.95248	11.43818
ENSMUSG Bcar3	33.78739	28.85457	25.77208	18.96529	20.65114	20.648634
ENSMUSG Abcd3	45.09571	41.78358	38.94504	41.05451	42.1332	46.153091
ENSMUSG Pip5k1a	12.26308	13.17503	11.59567	9.779204	10.39492	10.406262
ENSMUSG Abca4	2.205073	2.342797	1.718656	1.477752	1.365944	1.741838
ENSMUSG Gclm	7.878471	7.2901	6.576382	6.078175	6.307639	5.619432
ENSMUSG F3	33.16394	28.91816	28.9613	23.63761	29.33089	22.608715
ENSMUSG Spdye4a	0	0	0	0	0	0
ENSMUSG Cybc1	17.5003	18.6449	22.65669	20.87303	19.8726	21.205793
ENSMUSG Cdk5rap2	31.00793	30.25531	33.87757	28.06498	27.61803	28.131295
ENSMUSG Armc2	0.493784	0.982107	0.585367	0.811994	0.962831	0.626556
ENSMUSG Tcp10a	0	0.025927	0	0	0	0
ENSMUSG Pex12	3.773509	3.759633	3.336585	2.822786	3.117398	3.94678
ENSMUSG Ndel1	30.96685	29.69681	30.47841	24.08359	25.64569	27.821622
ENSMUSG Bmp5	15.42069	15.89145	13.65799	11.15522	11.15098	10.962961
ENSMUSG Ilf3	13.31385	14.36194	13.80788	14.18542	14.74093	13.562832
ENSMUSG Pde4a	3.937935	3.196719	3.857711	2.973644	3.296491	3.108508
ENSMUSG Tyk2	10.92274	10.23203	12.02268	12.95207	13.33228	14.305854
ENSMUSG Icam5	0.24067	0.168604	0.125197	0.374663	0.268477	0.153812
ENSMUSG Olfm2	3.681894	2.172128	2.988624	1.317753	0.980474	1.287651
ENSMUSG Pin1	6.675385	7.729035	7.828628	6.964226	6.069688	7.905127
ENSMUSG Mfap2	48.89603	48.20337	49.47856	28.07312	26.49932	24.389488
ENSMUSG Fhit	1.082523	0.985539	0.440055	1.625521	0.933826	1.956259
ENSMUSG AC133488	0	0	0	0	0	0
ENSMUSG Gstm6	2.589001	3.058788	1.67212	2.247663	1.370817	1.998005
ENSMUSG Fbxl21	0.701398	0.404659	0.474055	0.387086	0.383379	0.444044
ENSMUSG Ptptr	0.138772	0.220582	0.156076	0.294283	0.414985	0.345748
ENSMUSG Olfr352	0	0	0	0	0	0
ENSMUSG Uqcrb	61.76057	58.16862	61.10199	65.62247	53.76898	62.236866
ENSMUSG Gm20870	0	0	0	0	0	0
ENSMUSG Pdzm4	0.060441	0.029847	0.028873	0.068658	0.032737	0.109017
ENSMUSG Leap2	0.408641	0.159831	0.063629	0.107439	0.189505	0
ENSMUSG Znrd1as	4.733678	4.925087	5.123913	3.952519	4.192893	3.407107
ENSMUSG Hist1h1t	0	0	0.046124	0.124216	0	0
ENSMUSG Atp5o	67.80258	82.00826	80.64091	79.36204	84.95908	95.682663
ENSMUSG Itsn1	10.06335	11.30021	10.01598	11.83987	13.52199	13.086141
ENSMUSG Rcan1	15.54086	16.14348	17.53979	14.24198	14.4475	15.549776
ENSMUSG Runx1	9.365657	10.05575	7.872896	9.751782	9.778495	10.224471
ENSMUSG Wfdc6b	0.999781	0.956749	1.236547	0.886958	0.698389	0.464397
ENSMUSG Wfdc16	0.346578	0.251513	0.080835	0.193663	0.179499	0
ENSMUSG Wfdc8	0.148231	0.101725	0	0.098144	0.039252	0
ENSMUSG Ccdc190	0.194114	0.150387	0.073586	0.261276	0.157249	0.152793
ENSMUSG Dut	4.558591	4.206285	4.751653	5.607509	6.709109	6.978651
ENSMUSG Slc12a1	0	0.050753	0.051429	0	0	0
ENSMUSG Myef2	8.10845	8.628216	8.382279	7.557629	7.16048	7.379048
ENSMUSG Sema6d	18.34185	15.97755	15.80865	8.519816	9.716294	9.880297
ENSMUSG Galk2	12.13044	11.98112	10.45104	14.32272	15.50996	15.803953
ENSMUSG Cops2	26.87595	28.49838	26.76955	27.41439	27.29624	25.727937
ENSMUSG Fbn1	5.995842	5.497466	5.840149	7.856546	7.668677	9.864822
ENSMUSG Fam227b	0	0	0	0	0	0
ENSMUSG Fgf7	8.04864	8.07759	8.602676	5.80321	6.499768	5.237045
ENSMUSG Atp1a3	2.409029	1.623739	2.56632	15.06127	13.63165	17.87328
ENSMUSG Gm21988	38.08913	38.65089	38.46625	38.23477	33.71056	32.998248
ENSMUSG Kcnk18	0	0	0	0	0	0
ENSMUSG Sike1	10.43762	9.17916	9.25848	7.834547	8.036704	7.298466
ENSMUSG Car7	0.284515	0.286064	0.441121	0.413501	0.312365	0.422406
ENSMUSG Rrad	6.353722	4.48328	7.127719	7.804016	6.044998	7.498172
ENSMUSG Cdh16	5.71744	6.008288	6.253775	3.804936	3.36331	3.981498

ENSMUSG Ces2e	2.368799	2.282971	1.715334	1.118143	0.921703	1.162106
ENSMUSG Tradd	8.53695	8.927052	9.288788	10.33907	8.4247	10.06743
ENSMUSG Cbfb	21.06252	21.37576	22.17786	20.79254	21.23107	21.323526
ENSMUSG Srm	7.149972	6.400318	8.086335	11.03046	10.86004	11.963502
ENSMUSG D230025D	30.28723	36.86948	29.26211	27.28696	27.80803	26.879433
ENSMUSG Epha2	22.87223	20.40333	25.86913	11.71994	11.27282	14.100558
ENSMUSG Polr2g	23.89608	25.48472	29.70367	27.30846	25.39005	27.41309
ENSMUSG Ttc9c	9.706486	9.66051	10.27065	9.962562	10.48513	11.882042
ENSMUSG Zbtb3	1.068152	1.107042	1.304971	1.059204	1.394006	1.135318
ENSMUSG Foxr2	0.017573	0.025478	0.031577	0	0	0
ENSMUSG Snx29	6.389306	6.248899	5.356454	6.547426	7.231111	8.152093
ENSMUSG 5730409E	5.317461	5.51567	5.791989	4.989684	4.446311	5.043992
ENSMUSG Zfp972	0.204126	0.354915	0.312978	0.372735	0	0.207661
ENSMUSG Gm10570	0	0.118323	0.062967	0	0.076424	0.135868
ENSMUSG Teddm1b	0	0	0	0	0	0.019534
ENSMUSG Gm14327	0.371425	0.688677	0.590469	0.438251	0.340961	0.237203
ENSMUSG Sh3d21	13.5835	13.0095	11.25688	6.829985	7.983221	7.138164
ENSMUSG Gm14296	1.597146	1.587388	1.387748	0.749756	1.281592	0.788679
ENSMUSG Ccs	18.79277	17.77732	17.39212	18.34623	16.60414	19.871292
ENSMUSG Golim4	19.67153	19.40744	19.81357	16.12128	15.78791	15.768089
ENSMUSG Tldc1	3.37256	4.438627	3.114512	4.162552	4.182861	3.694693
ENSMUSG Ano7	0.058382	0.020915	0.048108	0.438886	0.104452	0.124594
ENSMUSG Ctnnd1	102.5849	98.53935	88.66766	66.88547	74.57189	66.674081
Mus_musc Mus_musc	0	0	0	0.262822	0.086017	0.275518
ENSMUSG Kctd20	25.39293	24.68903	23.95973	21.21274	21.72899	21.430424
ENSMUSG Gm5965	0	0	0	0	0	0
ENSMUSG Aff1	24.26801	22.84316	20.13877	19.39094	19.89192	20.092562
ENSMUSG Kih18	3.614055	3.826343	3.744211	2.729977	3.288721	3.257495
ENSMUSG Hsd17b11	66.64471	65.66694	63.35637	53.22947	54.17742	53.144052
ENSMUSG Nudt9	27.11746	26.51886	26.3634	26.58565	25.39567	27.216552
ENSMUSG Gpat3	3.446807	2.992775	3.418636	2.164677	2.113106	2.187009
ENSMUSG Mpnd	17.49904	14.6924	16.72065	17.02218	17.69603	20.985837
ENSMUSG Zfp959	5.89361	4.802812	5.747212	4.030486	4.767257	3.869526
ENSMUSG Gm43064	0.045793	0.029994	0.039495	0.201987	0.087242	0
ENSMUSG Bcl2l12	7.92033	5.87705	6.791836	7.098118	6.008994	5.799526
ENSMUSG Olfr27	0	0	0	0	0	0
ENSMUSG Nlrp10	0.229779	0.350245	0.208132	0.507058	0.515062	0.76353
Mus_musc Mus_musc	0	0.187008	0.339572	0	0	0.100772
Mus_musc Mus_musc	0.047684	0.196344	0	0.597797	0.230132	0
Mus_musc Mus_musc	0	0	0.189108	0	0	0
Mus_musc Mus_musc	0.164471	0	0	0.165211	0	0.116281
Mus_musc Mus_musc	0	0	0.149703	0	0	0
Mus_musc Mus_musc	0	0	0.208842	0	0	0
ENSMUSG Prr30	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.156095	0	0.142999	0	0
ENSMUSG Lrrc8a	18.97431	18.48077	18.80009	11.80753	13.4604	12.584168
ENSMUSG Hilpda	98.71766	80.93962	118.6898	46.73652	52.88068	54.732746
ENSMUSG Eif3j2	11.86645	11.25005	12.4744	12.30797	10.38077	11.110906
ENSMUSG Kcnk6	5.382469	5.449868	5.831189	7.628162	7.901315	9.522573
ENSMUSG Ccdc185	0	0	0	0	0	0
ENSMUSG Relt	2.100107	1.901406	3.83296	4.515081	3.756341	4.862122
ENSMUSG Rai14	24.99006	25.63243	23.33549	18.94193	19.14588	19.68053
ENSMUSG Rufy3	4.11378	4.203744	4.701687	7.001169	6.206444	6.150363
Mus_musc Mus_musc	0.114688	0.125492	0.135352	0	0	0.481547
Mus_musc Mus_musc	0.609035	1.066391	0.589949	0.577583	0.981697	0.608591
Mus_musc Mus_musc	0.840115	0.759934	0.567552	1.669517	0.869239	1.305007
Mus_musc Mus_musc	0.759298	0.514108	0.637643	0.441822	0.212699	0.598376
Mus_musc Mus_musc	0.044903	0	0	0	0	0.103089
Mus_musc Mus_musc	0.289733	0.917803	1.037378	0.783775	0.388485	0.952746
Mus_musc Mus_musc	0.252166	0.361849	0.254059	0.414806	0	0.21417
ENSMUSG Dym	13.85276	13.35181	11.61486	12.5517	12.63611	12.098227
ENSMUSG Fbxo45	6.001573	6.419398	6.386344	5.469121	5.323971	5.292655
ENSMUSG Tmem161l	3.357519	3.42027	3.371433	3.036513	3.33851	2.83353
ENSMUSG Cela3a	0	0	0	0	0	0

ENSMUSG Aunip	0	0.231766	0.080296	0.20227	0.322136	0.348292
ENSMUSG Xylb	1.061985	1.007636	0.884452	1.293162	1.5298	1.22556
ENSMUSG Pigw	1.152931	1.721933	1.733717	1.432384	1.261481	1.782698
ENSMUSG Olfr1255	0	0	0	0	0	0
ENSMUSG Oxgr1	0	0	0	0	0	0
ENSMUSG Cd300c2	9.169385	8.26868	12.70859	24.25117	15.2112	22.242168
ENSMUSG Shb	11.78054	12.76215	11.87492	8.658343	9.360908	10.395487
ENSMUSG Olfr543	0.002583	0.163732	0.014394	0	0	0.036022
ENSMUSG D630023F	0	0	0	0	0	0
ENSMUSG Uxt	4.497712	5.276671	4.781183	5.145906	5.710865	5.815655
ENSMUSG Timp1	3.334234	4.546096	2.703088	11.85576	21.82854	22.305617
ENSMUSG Cnnm3	6.80102	6.027327	6.188198	5.307068	5.404476	4.602744
Mus_musc Mus_musc	2.650715	2.442045	1.331244	0.290902	0.304204	0.24826
Mus_musc Mus_musc	1.57578	1.494039	1.465413	1.074784	0.666063	0.165929
Mus_musc Mus_musc	0.341909	0.629256	0.390475	0.688771	0.336493	0.745936
ENSMUSG Lipo2	0.204452	0.035307	0.015178	0.039389	0	0.11938
ENSMUSG Sox12	2.051582	2.161924	2.379598	2.301797	1.949181	2.027041
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.486894	0
ENSMUSG Cox6b2	12.8595	10.1603	10.45008	9.277662	6.634732	8.980273
ENSMUSG Zfp85	2.064849	2.236555	2.50289	2.043937	1.91069	2.098489
ENSMUSG Gm5751	0.141165	0	0.188341	0.124241	0	0.083382
ENSMUSG Ice2	3.181369	2.872563	3.044027	2.622139	2.217661	2.5757
ENSMUSG Gm14862	0.055066	0	0	0	0	0
ENSMUSG Anxa2	306.5208	313.5048	326.5262	255.3408	265.8229	303.84941
ENSMUSG Cgnl1	28.91714	31.91068	23.61066	27.61902	28.20232	29.042651
ENSMUSG Rora	7.406647	8.09552	6.438653	4.959465	5.214894	5.110531
ENSMUSG Rp9	24.78665	19.0432	21.3876	21.38366	23.81321	26.042304
ENSMUSG Gm6592	0.053776	0	0	0	0	0
ENSMUSG Vmn2r93	0	0	0	0	0	0
ENSMUSG Lrp1	38.25249	34.93338	40.73448	40.43489	44.06436	47.240763
ENSMUSG Tmem74b	0.066958	0.089575	0	0	0	0.124374
ENSMUSG Fgfr1op2	35.04079	36.15762	35.04258	35.95795	32.43264	32.278275
Mus_musc Mus_musc	0.170603	0.057944	0.055478	0.089702	0.189757	0.054454
ENSMUSG Tbc1d10c	6.329001	3.861462	8.141805	11.2333	8.593902	9.16379
ENSMUSG Sec23ip	13.38736	13.65289	12.71783	12.82951	12.01173	12.673383
ENSMUSG Ubqln2	17.1261	15.07215	13.67701	13.17761	13.98121	13.815291
ENSMUSG 2700062C	5.34647	4.805712	5.982531	4.598206	4.281868	4.945013
ENSMUSG Gira1	0	0	0	0	0	0
ENSMUSG Elp2	13.06382	12.83607	12.52344	11.94461	12.73227	12.893118
ENSMUSG Slc39a6	13.78556	12.18041	13.04538	10.3922	10.37958	10.412383
ENSMUSG Mid2	19.90292	18.11416	19.05594	13.07409	14.08653	12.045383
ENSMUSG Zfp397	10.88808	11.58183	9.988174	10.11459	9.989849	10.790019
ENSMUSG Slc25a44	11.22146	12.01977	11.38429	10.76016	10.68434	12.026862
ENSMUSG Ppp4r1	20.98828	20.76717	21.10349	17.14184	18.76514	17.248056
ENSMUSG Olfr1377	0	0	0	0	0	0
ENSMUSG Ces1e	6.401725	5.967685	5.299823	4.822467	5.645248	4.432388
ENSMUSG Gm14851	0	0	0	0	0	0
ENSMUSG Retsat	8.30322	8.295621	7.560427	8.516696	9.587605	9.905436
ENSMUSG Prdx2	47.02812	45.871	43.63912	46.34751	50.03823	52.153734
Mus_musc Mus_musc	0	0	0	0.077048	0	0
Mus_musc Mus_musc	0	0	0	0.322244	0.255018	0
ENSMUSG Ier3ip1	15.65254	15.66875	17.29488	16.02259	14.58301	14.874988
Mus_musc Mus_musc	0.160453	0.185583	0	0	0	0.483854
Mus_musc Mus_musc	0	0.251591	0	0	0.148136	0.136138
Mus_musc Mus_musc	0.776727	0.785788	0.759204	0.639193	0.905792	0.644452
Mus_musc Mus_musc	0.24155	0.162324	0.105176	0.072065	0.076409	0
Mus_musc Mus_musc	0	0.177224	0	0.144601	0	0.0806
ENSMUSG Pde1a	1.496668	1.262753	1.525174	0.798071	1.065331	0.815733
ENSMUSG Six1	1.413185	1.357233	0.620978	1.401838	1.485319	1.355291
ENSMUSG 6030498E	0	0	0	0	0	0
ENSMUSG Olfr589	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.170525	0.175653	0	0
ENSMUSG Wbp1l	28.62995	28.32422	27.88838	29.68745	28.31656	30.682426

ENSMUSG Fcgbp	0.53769	0.99911	0.482392	16.86543	17.71764	22.709551
ENSMUSG Tmem262	0	0	0.045666	0	0	0
ENSMUSG Samd9l	16.87118	17.62302	21.48896	17.16994	13.87821	14.510455
ENSMUSG Mef2a	42.26854	41.91095	38.70569	30.17265	31.29912	27.194461
ENSMUSG Lrrc28	3.254299	2.855884	2.117036	2.670862	3.340753	2.732943
ENSMUSG Synm	18.57569	19.17477	17.46968	10.63516	12.50668	10.151535
Mus_musc Mus_musc	0	0	0	0	0	0.623223
Mus_musc Mus_musc	0.030295	0	0.027218	0.451228	0.261787	0.224485
Mus_musc Mus_musc	0.113272	0	0.481366	0.072682	0.174321	0
Mus_musc Mus_musc	0	0.072833	0.12538	0.113813	0.16993	0.133512
ENSMUSG Vmn1r11	0	0	0	0	0	0
ENSMUSG Vmn1r183	0	0	0	0	0	0
ENSMUSG Zfp575	0.048377	0.03599	0.106647	0	0	0.020159
ENSMUSG Cldn9	0	0.094639	0	0.036178	0.069217	0
ENSMUSG Vmn1r234	0	0	0	0	0	0
ENSMUSG Gm49378	0.354704	2.056446	0.55786	0.215446	0	0.016713
ENSMUSG Olfr1028	0	0	0	0	0	0
ENSMUSG Btd35f29	0	0	0	0	0	0
ENSMUSG Vmn2r124	0	0	0	0	0	0
ENSMUSG Gm21477	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.370895	0.105875	0.103235
Mus_musc Mus_musc	0.097471	0.219433	0	0.52494	0.64858	0.390631
Mus_musc Mus_musc	0.285762	0.44389	0.122158	0.157788	0.234102	0.31083
Mus_musc Mus_musc	3.717331	2.174925	3.77943	0.870398	1.060194	2.85259
ENSMUSG Zfp982	1.636622	2.186938	1.572982	1.684603	1.548088	1.5409
ENSMUSG Figl2	2.433874	2.063284	2.256686	1.885273	1.450387	1.190713
ENSMUSG H2a1i	0	0	0	0	0	0
ENSMUSG Olfr859	0	0	0	0	0	0
ENSMUSG Rbm27	8.80307	9.184941	7.706447	7.448805	7.398221	7.063647
Mus_musc Mus_musc	0.674455	0.703227	0.48903	0.488004	0.251173	0.527027
Mus_musc Mus_musc	0	0	0	0	0	0.242111
Mus_musc Mus_musc	0	0.060036	0.281215	0	0	0
Mus_musc Mus_musc	0.545839	0.347998	0.154987	0.448378	0.091919	0.291394
Mus_musc Mus_musc	0.844323	0.520073	0.725751	0.442667	0.613917	0.25918
Mus_musc Mus_musc	0.517341	0.332445	0.585414	0.02604	0.40463	0.371818
Mus_musc Mus_musc	1.267447	1.476199	0.78863	0.494952	0.99169	1.032049
Mus_musc Mus_musc	1.621334	2.054031	1.440951	1.323555	0.913213	1.452008
Mus_musc Mus_musc	0	0	0	0.097035	0	0
Mus_musc Mus_musc	0.452971	0.083988	0.19478	0.075379	0.045696	0.430065
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	2.961612	3.551791	2.419874	2.9752	2.964691	2.398076
Mus_musc Mus_musc	3.283374	3.042747	3.926106	2.802012	3.446238	3.091934
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Prkca	8.690221	9.542163	7.561485	5.952247	6.639744	5.721514
ENSMUSG Lin28a	0.011427	0.039623	0.048777	0.186329	0.163087	0.158752
ENSMUSG Creg2	0.117493	0.138273	0.135543	1.465038	1.237086	1.627891
ENSMUSG AY358078	0	0	0	0	0.021468	0
ENSMUSG Kcns2	0	0	0	0	0	0
ENSMUSG Mettl26	17.70337	17.81719	17.31309	19.71057	17.60082	17.960734
ENSMUSG Pde4b	48.68744	52.16365	52.03398	21.59496	26.31295	32.718148
ENSMUSG Ifi204	3.348411	2.746175	6.324438	5.240079	3.996488	3.585459
ENSMUSG Gm43638	0	0	0	0	0	0
ENSMUSG Zfp760	4.047143	4.687601	3.857516	4.416657	3.644138	3.687247
ENSMUSG Gm10226	1.568403	1.23992	1.89871	2.374809	1.53527	3.192562
ENSMUSG Tctex1d1	0	0	0	0	0	0
ENSMUSG Lypd4	0	0	0	0	0	0.029442
ENSMUSG Rtl8b	94.15041	89.64562	116.2363	61.72284	68.2955	67.916092
ENSMUSG Rtl8a	80.29597	85.71553	130.6445	62.03176	44.80023	47.252007
ENSMUSG Hsf3	0.084548	0.03844	0.035093	0.09396	0.080706	0
ENSMUSG Mdp1	15.29853	14.62711	17.3975	15.97143	14.44006	14.6596
ENSMUSG Wdr24	6.407995	7.198609	5.579418	6.472795	6.375703	6.392137
ENSMUSG Sugp2	4.836688	4.970579	5.287325	4.485229	3.676097	4.26321
ENSMUSG Rec8	0.234707	0.289322	0.121681	0.322535	0.229181	0.335651
ENSMUSG Ptpn23	9.138651	8.390097	9.166507	7.785493	8.150396	7.480338

ENSMUSG Tm9sf1	30.18492	30.59088	35.74195	34.06068	32.97529	33.628573
ENSMUSG Dnajb5	6.695771	7.152436	9.652816	6.547868	7.037274	5.249838
ENSMUSG Fmnl2	17.18118	16.16095	17.23876	10.91142	11.23637	9.670213
ENSMUSG Mapk14	31.85277	33.0982	34.87391	27.19814	28.75432	28.444081
ENSMUSG Sfmtb2	0.515928	0.600016	0.414688	0.285599	0.235843	0.334618
ENSMUSG Tmprss11c	0	0	0	0	0	0
ENSMUSG Vmn2r15	0	0	0	0	0	0
ENSMUSG Foxi3	0	0	0	0	0	0
ENSMUSG Cntn4	0.909299	1.461607	0.869405	0.55082	0.84029	0.699253
ENSMUSG Aox3	39.96238	43.64181	29.44251	44.33763	44.52962	49.022702
ENSMUSG Grid2	0.088686	0	0.009297	0	0.009526	0.016941
ENSMUSG Sart3	9.252948	8.536547	9.026839	8.394217	8.811295	8.625812
ENSMUSG Hoxb1	0	0	0.034824	0	0	0.048763
ENSMUSG Slc6a3	0.048477	0.039649	0.012954	0	0	0
ENSMUSG Lpcat1	74.6642	72.54324	70.04855	70.98777	59.08049	69.985258
ENSMUSG Atp5j2	47.68376	50.79349	52.63509	64.57482	57.45046	58.05405
ENSMUSG Mbd3l1	0	0	0	0	0	0
ENSMUSG Hoxb4	3.585714	3.366841	4.142425	2.513469	2.440533	2.299824
ENSMUSG Josd2	18.90571	18.58223	18.22444	19.48324	19.38963	19.191676
ENSMUSG Mapkap1	22.33005	21.69596	21.25184	19.96384	20.97235	20.520566
ENSMUSG Taf5l	11.34219	10.1235	10.4593	9.399841	9.156188	10.28628
ENSMUSG Marveld3	6.289406	7.957379	6.471314	6.002112	5.613335	6.997797
ENSMUSG Tat	0.690531	0.390154	0.354659	0.092174	0.089141	0
ENSMUSG Ddx18	15.14669	13.91995	14.07101	12.14915	12.8513	13.421044
ENSMUSG Lyzl6	0	0	0	0	0	0
ENSMUSG Gosr2	37.24985	39.25216	37.39641	35.42767	35.1081	34.882849
ENSMUSG Map3k14	4.082931	3.776571	4.349788	4.703006	4.731372	5.15305
ENSMUSG 1700023FC	0.043283	0.110823	0	0.066181	0.040484	0
ENSMUSG Fkbp3	19.80242	18.18012	20.47511	20.39463	16.87973	17.026087
ENSMUSG Kihl28	4.754438	4.671134	4.115514	4.180927	4.091652	4.154955
ENSMUSG Olfr480	0	0	0	0	0	0
ENSMUSG Hoxd4	0	0	0	0	0.085285	0
ENSMUSG Aldoart2	0	0	0	0	0	0.016441
ENSMUSG Eddm3b	0.03995	0	0	0	0	0
ENSMUSG Slc39a2	1.325887	1.234705	0.973228	0.497892	0.754688	0.953917
ENSMUSG Tmem253	0.512721	0.499131	0.870073	0.615789	0.393604	0.406357
ENSMUSG Zscan21	9.044082	7.522898	8.294047	6.746325	7.902587	6.933186
ENSMUSG Frem2	0.289828	0.26328	0.110681	0.157922	0.137585	0.269806
ENSMUSG Arhgap25	9.261332	8.416946	10.49534	19.94353	16.76095	21.254894
ENSMUSG Sstr4	3.940341	4.113036	4.861897	2.784014	3.01107	2.062265
ENSMUSG M1ap	0.828498	0.801932	0.421081	0.155225	0.683707	0.242899
ENSMUSG Hk1	20.6567	19.3161	21.37759	19.35309	19.78122	20.148018
ENSMUSG Tacr1	0.024379	0.277619	0.014804	0.996933	0.994355	0.60752
ENSMUSG Pole4	12.93436	15.09823	15.47709	16.41707	14.54369	16.172332
ENSMUSG Gkn2	0	0	0	0	0	0
ENSMUSG Gkn3	3.165241	2.379806	2.700709	3.031497	1.486778	2.675112
Mus_musc Mus_musc	0	0.154309	0	0	0	0.183494
ENSMUSG Cyb561	46.08927	44.97631	44.3557	30.73549	34.16897	31.048857
Mus_musc Mus_musc	0.226334	0	0	0	0	0
ENSMUSG A26c2	0	0	0	0	0	0
ENSMUSG Olfr312	0	0	0	0	0	0
ENSMUSG Gm6803	0	0	0	0	0	0
ENSMUSG Neurod4	0.017047	0	0	0.025226	0	0.016659
ENSMUSG Krt35	0	0	0	0	0	0
ENSMUSG Zfp473	0.035671	0.089793	0.122745	0.143053	0.169087	0.283757
ENSMUSG Olfr12	0	0	0	0	0	0
ENSMUSG Gm8362	0	0	0	0	0	0
ENSMUSG Itgb1bp2	0.122635	1.126434	0.351243	0.306449	0.253185	0.265626
ENSMUSG Zmym3	5.701766	6.458387	6.074113	5.771368	4.815168	5.530731
ENSMUSG Nono	60.79526	60.34279	62.05141	58.72264	60.51651	61.56466
ENSMUSG Taf1	11.35475	11.47925	10.23413	10.03293	9.701671	9.783021
ENSMUSG Gm17402	0	0	0	0	0	0
ENSMUSG Ttc4	9.584143	9.281765	8.104809	9.150025	9.87182	10.537649
ENSMUSG Nfatc4	4.860763	4.267193	5.5143	3.466303	3.643479	3.868537

ENSMUSG Gpr137b	15.13198	17.15724	14.68066	19.2933	21.90398	23.104106
ENSMUSG Hecw1	0	0	0	0	0	0
ENSMUSG Ggps1	11.21385	12.32299	10.40072	8.743382	8.857395	8.380356
ENSMUSG Gng4	0.46165	0.550883	0.277823	0.256891	0.130902	0.187894
ENSMUSG Yipf7	0	0.461029	0	0.126908	0	0
ENSMUSG Slc30a3	0	0	0	0	0.019482	0.047171
ENSMUSG Ociad2	8.330809	9.464886	7.706439	7.047961	5.931393	7.164513
ENSMUSG Ociad1	66.16726	66.24502	63.24156	61.26736	59.53982	58.755013
ENSMUSG Spata18	9.035086	11.17844	4.361415	15.4804	14.3099	14.853659
ENSMUSG Cwh43	0	0	0	0	0	0
ENSMUSG Sgcb	7.947084	7.430566	7.14815	5.202191	5.895602	5.23734
Mus_musc Mus_musc	1.619041	1.874559	1.129063	30.69066	177.6244	5.585112
Mus_musc Mus_musc	1.040139	0.787417	1.521904	3.779616	61.68997	65.161674
Mus_musc Mus_musc	5.816487	4.659667	2.991796	961.083	3180.287	320.39646
Mus_musc Mus_musc	0.100017	0	0.044931	1.049648	18.78854	6.544562
Mus_musc Mus_musc	3.192201	4.309103	1.650171	101.5099	30.11352	38.371349
Mus_musc Mus_musc	2.660218	1.482722	1.006212	18.48186	4.211524	8.546952
Mus_musc Mus_musc	0	0.061399	0.134432	1.450582	0.472137	0.675829
Mus_musc Mus_musc	0.450572	3.331033	0.313451	478.05	446.361	185.28363
Mus_musc Mus_musc	0	0	0	17.74266	13.21697	0.321044
ENSMUSG Trank1	0.008043	0	0.004818	0	0	0
ENSMUSG Dhdkd1	0.663977	0.716693	0.472867	0.445932	0.423703	0.25013
ENSMUSG Sec61a2	3.428643	4.103986	3.293923	2.425717	2.533241	2.370509
ENSMUSG Nudt5	5.55334	5.551112	5.605387	5.813823	4.89085	5.655012
ENSMUSG Nrp1	103.5481	98.85738	98.19296	80.39542	82.67974	80.009445
ENSMUSG Pard3	16.47288	17.34296	13.78531	11.43074	10.87453	10.379904
ENSMUSG Homer2	1.088497	1.574233	0.920259	0.47722	0.991961	0.84786
ENSMUSG Wbp2nl	0	0	0.058823	0	0	0
ENSMUSG Nell2	0	0.012028	0	0	0	0
ENSMUSG 3-Sep	1.10326	1.046939	1.168294	1.735093	1.488724	1.970648
ENSMUSG Twf1	27.35822	28.62015	25.53997	25.4985	25.54527	24.706638
ENSMUSG Ndufa6	57.0462	75.72596	71.92281	80.9389	67.41063	68.978124
ENSMUSG Naga	32.14825	30.35344	31.40411	33.21039	34.36997	38.645039
ENSMUSG Smdt1	61.86688	64.98882	76.4697	67.61669	65.43887	71.318898
ENSMUSG Serpinb7	0.181455	0	0	0	0.106356	0.029282
ENSMUSG Naa25	5.287616	5.769728	4.977358	5.293865	4.855006	5.74381
ENSMUSG Plch1	0.558745	0.723784	0.310514	1.428927	1.164361	1.212825
ENSMUSG Psenen	54.31765	55.71391	53.88066	57.3024	54.90325	50.296974
ENSMUSG Lpar3	6.259676	7.001157	3.987277	4.310219	4.807934	4.631367
ENSMUSG Pnpla7	6.802984	6.412911	6.872409	8.787808	10.12807	10.512659
ENSMUSG Nr2f1	1.53336	1.432914	1.86418	1.282872	1.013394	0.864381
ENSMUSG Adgrv1	0.180495	0.341381	0.336011	0.154713	0.118872	0.108428
ENSMUSG Toe1	8.580607	9.416358	9.110718	7.499642	8.545805	8.401483
ENSMUSG Ccdc163	3.665933	2.694684	4.010624	3.388322	3.224421	2.860328
ENSMUSG Mutyh	1.18162	0.764363	1.496014	0.790016	1.029178	0.994687
ENSMUSG Urod	22.01039	21.58211	20.377	17.74318	19.45406	20.093455
ENSMUSG Eif2b3	8.625564	6.806004	9.106183	7.078997	5.922128	5.863371
ENSMUSG Plk3	6.777849	6.37628	6.74912	6.272434	6.185218	6.558742
ENSMUSG Ptch2	0.968049	0.822577	0.817883	0.97863	1.286077	1.207193
ENSMUSG Rif	5.298368	6.971349	5.913298	5.767772	5.258283	5.519023
ENSMUSG Nlrc3	0.780445	0.846426	1.46471	1.462121	1.390262	1.718625
ENSMUSG Calhm5	0.6807	0.738296	0.917993	0.770111	0.796643	0.52986
ENSMUSG Scube2	14.69689	13.33206	14.49937	10.19232	9.502377	9.100562
ENSMUSG Aacs	8.354889	8.034658	9.992216	12.54673	9.254903	15.642735
ENSMUSG Dhx37	4.171772	3.803453	3.701668	3.836149	3.413391	4.347616
ENSMUSG Mrpl1	3.080672	3.011947	3.303675	4.166519	4.433676	4.354607
ENSMUSG Anxa3	165.4051	148.4086	185.5057	136.0725	134.5283	139.1009
ENSMUSG Pcdh17	7.631907	6.80187	6.158151	5.779081	6.399768	4.887699
ENSMUSG Aldh1b1	0.445613	1.439481	0.616713	1.839967	1.721664	2.217529
ENSMUSG Wdr20rt	0	0	0	0	0	0
ENSMUSG Ankrd11	32.45845	33.07358	30.86566	26.60921	29.43808	28.168329
ENSMUSG Tcf3	19.93009	18.76113	20.90861	20.66962	23.03122	23.191357
ENSMUSG Cnot2	21.45705	22.28741	22.48915	20.88009	19.8677	20.057119
ENSMUSG Uqcr11	45.05456	57.38918	51.93287	57.25276	56.81322	57.826408

ENSMUSG Meis1	14.96939	12.31869	15.1639	9.319394	11.35302	10.299551
ENSMUSG Best3	1.11505	0.877559	0.893019	0.604864	0.441498	0.413555
ENSMUSG Olfr299	0	0	0	0	0	0
ENSMUSG 3110040N	7.64757	7.683496	7.87921	8.676215	8.617595	10.813832
ENSMUSG Btbd1	22.54016	25.37132	22.1483	22.79158	22.86034	22.910521
ENSMUSG Fmn2	0.141155	0.058662	0.081583	0.081011	0.059758	0.115538
ENSMUSG Hdgfl3	5.052899	5.302063	4.796169	2.717111	3.400529	2.818235
ENSMUSG Kif12	0	0.01524	0	0	0	0
ENSMUSG Zfp618	0.314137	0.28533	0.303246	0.313588	0.247517	0.308252
ENSMUSG Orm3	0.978834	1.234474	1.451146	0.523624	0.719478	0.673602
ENSMUSG Tango2	12.81486	14.56821	14.816	10.64826	14.38863	12.144129
ENSMUSG Gpr61	0.015328	0	0	0	0	0
ENSMUSG Plcx2	0.513821	0.553957	0.762177	0.920482	0.938979	0.830231
ENSMUSG Cenpv	2.598915	4.342697	4.589476	4.459017	3.814429	4.082115
ENSMUSG Trpv2	7.244209	6.519507	8.419969	9.761466	10.4067	11.496983
ENSMUSG Adora2b	6.12636	7.011161	6.52469	9.059215	8.890907	9.624505
ENSMUSG Ncor1	29.81138	32.98771	26.17921	30.55945	31.60814	31.468619
ENSMUSG St3gal4	19.44694	20.93202	21.96157	30.10921	27.64948	32.485357
ENSMUSG Tmco1	53.58998	51.57397	53.86932	45.69035	42.38453	42.607033
ENSMUSG B4galt3	14.35252	15.33952	16.69249	15.18386	15.16641	13.452696
ENSMUSG Barx2	0.940922	1.848104	0.717635	1.108557	0.88584	1.183733
ENSMUSG Cul5	8.504424	8.161191	6.328072	7.383764	6.263698	8.062613
ENSMUSG Kirrel3	0.418495	0.277361	0.357874	0.160627	0.169525	0.225047
ENSMUSG Kcnj5	0.111655	0.793885	0.139764	0.379854	0.145026	0.298787
ENSMUSG Ets1	64.87472	54.36005	59.21147	45.5414	44.98837	43.669338
ENSMUSG Vstm2a	2.218209	2.015299	2.893636	0.169832	0.423158	0.347624
ENSMUSG Slc39a9	19.06422	19.94573	16.47185	18.5654	19.57623	18.926912
ENSMUSG Vps37c	9.996551	8.876866	10.30371	10.097	9.95803	9.115298
ENSMUSG 2310057N	0	0	0	0	0	0
ENSMUSG Mal2	123.9278	118.6365	111.1359	86.46621	84.13905	85.582611
ENSMUSG Nsd1	15.27022	16.43124	13.54694	14.79167	15.541	15.677106
ENSMUSG Hoxd10	0	0.025492	0.079445	0	0	0.060753
ENSMUSG Cdk20	0.932713	0.915224	1.249877	1.565539	1.358441	1.341963
ENSMUSG Aaed1	24.50397	24.22942	20.49413	17.38389	18.21477	16.845435
ENSMUSG Zfp346	7.350258	6.304918	7.229391	5.728244	5.746089	5.346625
ENSMUSG Lck	9.626015	6.276429	13.88867	13.97416	10.41345	12.545261
ENSMUSG Prelid1	48.07979	47.53065	52.08489	48.08751	47.72647	52.474636
ENSMUSG Mxd3	0.497925	0.407207	0.754315	1.28005	1.417484	1.43481
ENSMUSG Lman2	34.54796	36.02478	35.96128	42.19772	44.36559	45.032726
ENSMUSG Olfr456	0.257384	0	0	0	0	0
ENSMUSG Gm8126	0	0	0.027486	0.051919	0.129542	0.082929
ENSMUSG Senp1	6.486984	7.51639	6.713694	6.269341	6.24993	7.199377
ENSMUSG Il5ra	0.162627	0.07027	0.159577	3.169821	3.394466	2.637872
ENSMUSG Slc1a3	5.063344	6.338451	5.544093	5.78715	5.081524	6.268567
ENSMUSG Crbn	19.50775	21.69326	20.18265	22.03152	20.19722	19.934608
ENSMUSG Frmd3	0.033506	0.059881	0	0.044093	0.076419	0.012736
ENSMUSG Catsperg2	0.128038	0.10647	0.139681	0.047166	0.056469	0.111948
ENSMUSG Gm8186	3.190202	13.86225	5.621285	6.920543	8.610829	9.307132
ENSMUSG Fam110c	2.313767	2.200456	1.569553	1.594265	1.692897	2.233239
ENSMUSG Ivl	0	0.076191	0.03762	0.216751	0.412919	0.38706
ENSMUSG Rnf170	5.923918	4.472483	4.483144	5.637585	5.475179	4.060164
ENSMUSG Zfp775	2.082307	1.951683	1.697386	1.117847	1.267225	1.325066
ENSMUSG Vmn1r33	0	0	0	0	0	0
ENSMUSG Dnmt1	13.03083	12.1652	12.32924	11.79413	13.73878	14.197516
ENSMUSG Col5a3	0.333288	0.314999	0.356039	0.306057	0.301655	0.631844
ENSMUSG Olfr427	0	0	0	0	0	0
ENSMUSG Cwc15	50.16877	49.43719	51.39221	45.9424	49.86444	43.86558
ENSMUSG Olfr1014	0	0	0	0	0	0
ENSMUSG Gm6569	0	0.023784	0	0	0	0
ENSMUSG Tcf24	0.478342	0.527162	0.335699	0.484125	0.513472	0.609283
ENSMUSG Surf6	7.08026	6.566354	8.021339	7.412614	6.696794	7.036379
ENSMUSG Mtmr10	11.17679	11.80392	10.02728	9.24228	9.518957	8.615224
ENSMUSG Trpm1	0	0.080302	0	0.096165	0.110917	0.057794
ENSMUSG Mphosph1	9.784201	10.13938	10.87959	10.4299	10.65517	10.616313

ENSMUSG Crtc3	8.197876	9.078287	8.44331	7.052808	7.65811	8.05461
ENSMUSG Chrna7	0.363033	0.250994	0.465266	0.467449	0.483262	0.608577
ENSMUSG Blm	0.517054	0.41937	0.481582	1.134089	0.724992	1.298651
ENSMUSG Csn1s1	0	0	0	0	0	0
Mus_musc Mus_musc	0.32515	0.144908	0.276224	0.464961	0.241885	0.24984
ENSMUSG Eid2b	4.917704	4.9965	4.31546	4.608297	5.04048	3.596734
ENSMUSG Gtsf1l	0.044835	0.143797	0	0.489024	0.153306	0.067221
ENSMUSG Zfp974	1.649369	1.812574	1.55069	1.7169	1.51938	1.161606
Mus_musc Mus_musc	0	0	0	0.278436	0	0
Mus_musc Mus_musc	0.639477	0.342381	0.299173	0.334212	0.642325	0.699962
ENSMUSG Psg19	0.014828	0	0.015489	0	0	0.077962
ENSMUSG Psg17	0	0	0.069505	0.064635	0	0.02219
Mus_musc Mus_musc	0	0.338591	0.064709	0.314011	0.29225	0.402126
Mus_musc Mus_musc	1.140687	1.285388	0.952761	2.675241	3.034337	3.47053
Mus_musc Mus_musc	0.700472	0.638391	1.116293	0.91763	1.11057	1.557332
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0.233348	0.424998	0.403097	0.44902	0.272428	0.447436
ENSMUSG Gm9733	1.54989	0.797514	1.275769	1.029173	0.684237	0.377016
ENSMUSG Gm21258	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.284879	0	0	0	0.244259
Mus_musc Mus_musc	0	0	0	0.349669	0	0
ENSMUSG Olfr106-ps	0	0	0	0	0	0
ENSMUSG Rhox3a2	0	0	0	0	0	0
ENSMUSG Gm12117	0	0	0	0	0	0
ENSMUSG Olfr247	0	0	0	0	0	0
ENSMUSG Gm21188	2.001499	2.379538	2.930664	4.156038	4.182023	4.254718
ENSMUSG Mettl17	6.733046	6.85446	8.568732	7.083102	6.942707	7.810369
ENSMUSG Pet117	0.69129	0.315152	0.320962	0.30752	0.583698	0.027531
ENSMUSG Fam57b	1.588631	1.033136	1.543276	0.769628	0.951144	0.726853
ENSMUSG Synb	0.027822	0.024545	0	0.041941	0.039594	0.038382
ENSMUSG Kcna1	0.015759	0.106061	0.065849	0.059073	0.026716	0.075195
ENSMUSG Trim59	2.049108	1.691387	1.921875	2.756906	2.983904	3.712953
ENSMUSG Kif4	0.667064	0.633922	0.425603	1.100666	1.213296	1.071274
ENSMUSG Tmem132c	2.36413	2.27177	1.951393	1.449587	1.084026	1.457919
ENSMUSG Iqsec1	24.33904	23.89281	21.61789	22.34541	21.44354	22.639628
ENSMUSG Ankef1	0.247246	0.288323	0.106043	0.152033	0.164693	0.141611
Mus_musc Mus_musc	2.20801	2.089693	1.876297	1.750822	1.013381	0.866685
ENSMUSG Tmem215	0.040046	0.010009	0.016419	0.01103	0.022602	0.042963
Mus_musc Mus_musc	0	0	0	0	0.16791	0.277947
ENSMUSG Ticrr	0.081204	0.08932	0.171949	0.219146	0.281478	0.321859
Mus_musc Mus_musc	0	0	0.101143	0.125021	0	0.21697
Mus_musc Mus_musc	0	0.156925	0.036937	0.069311	0.142878	0.234603
Mus_musc Mus_musc	0	0.075612	0	0.202294	0	0
Mus_musc Mus_musc	0.158569	0.046727	0.294151	0.208942	0	0
ENSMUSG Bdh1	0.963767	1.487142	1.156255	1.919222	2.076579	2.115542
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Fam8a1	24.76254	23.5384	22.76551	18.23574	18.44996	15.823831
ENSMUSG Gjb4	0.0749	0.363043	0.195709	0.371395	0.136598	0.156144
ENSMUSG C730034Fc	0.390202	0.408563	1.009827	0.731156	0.590014	0.510971
ENSMUSG Xirp1	0.087688	0.31578	0.066718	0.188917	0.080381	0.070564
ENSMUSG Gm5622	0	0	0	0	0	0
ENSMUSG Gm13691	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.136722	0.244112	0.04967	0.091773	0.060787
Mus_musc Mus_musc	0.333235	0.174311	0.167392	0.171702	0.065548	0.379077
Mus_musc Mus_musc	0	0.222028	0	0	0	0.438602
ENSMUSG Shld1	5.089012	5.068546	6.054539	2.706537	5.025329	6.007887
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Ccl5	36.46909	18.53742	108.92	42.48382	22.03461	40.529804
ENSMUSG Creb3l3	0	0	0	0.107186	0	0.137377
ENSMUSG Kri1	6.870271	7.135144	8.532064	7.237689	7.296688	6.246576
ENSMUSG Zc3h12b	0.429218	0.371474	0.220797	0.165718	0.30803	0.398751
ENSMUSG Anapc13	22.5915	25.24064	28.22294	25.78476	23.98765	22.137575
ENSMUSG Rrp12	2.47201	1.92599	1.891604	2.054813	2.333374	2.427685
ENSMUSG Gtf2f1	22.03549	22.26376	26.09434	21.36279	19.98636	24.706594

ENSMUSG Nrg3	0	0	0	0	0	0
ENSMUSG Cmtm8	20.80327	24.64822	22.04678	21.65896	20.29034	22.458605
ENSMUSG Plppr4	0.051993	0.14881	0.136905	0.563063	0.715468	0.611572
ENSMUSG Prss42	0	0.042961	0	0	0	0
ENSMUSG Mettl16	2.217524	3.042993	2.220202	2.573599	2.07134	2.242718
ENSMUSG Mrps11	7.988118	9.693519	9.206691	8.559975	10.18593	10.076803
ENSMUSG Lce3f	0	0	0	0	0	0
ENSMUSG Ssb	42.75685	42.36032	46.72583	48.41559	42.64881	39.331671
ENSMUSG Efnb2	84.3459	74.85779	75.67507	41.13961	42.61781	40.206089
ENSMUSG Rrp15	6.195358	5.83636	6.212592	6.075943	5.106269	6.371645
ENSMUSG Epn3	13.34592	13.23214	10.51786	11.35886	9.32796	10.713413
ENSMUSG Rnf112	0.010707	0.114084	0.066965	0.067327	0	0.069922
Mus_musc Mus_musc	0.229692	0.043922	0.263095	0.150198	0.175685	0
Mus_musc Mus_musc	0	0	0	0	0	0.368372
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.930767	0.975537	0.958026	0.719365	1.160646	0.763249
ENSMUSG Aldh2	251.6455	235.6554	245.3949	145.6752	151.9429	145.14626
ENSMUSG Pgbd5	0.072073	0.139558	0.227713	0.02547	0.079266	0.105423
ENSMUSG Defb6	0	0	0	0	0	0
ENSMUSG Tbr1	0	0	0	0	0	0
ENSMUSG Gpatch1	7.446859	7.286844	6.286396	5.936683	5.587851	6.392436
ENSMUSG Gpr45	0	0	0	0	0	0
ENSMUSG Cd200r2	0	0	0	0	0	0
ENSMUSG Ugt1a9	0	0	0	0	0	0
ENSMUSG Fbxw10	0.062789	0.113685	0.114941	0.162551	0.331283	0.251622
ENSMUSG Ugt1a2	0	0.007072	0	0	0	0
ENSMUSG Eppk1	2.028029	2.154165	1.437425	1.272693	1.693449	1.713357
Mus_musc Mus_musc	0	0	0	0.105603	0	0
Mus_musc Mus_musc	0.585731	0.337512	0.565147	5.114557	5.020507	4.925407
Mus_musc Mus_musc	0.14464	0	0	0	0	0
Mus_musc Mus_musc	0.4174	0.311893	0.241768	0.440205	0.14325	0.136854
ENSMUSG Lin28b	0	0.00857	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.323465	0	0
Mus_musc Mus_musc	0	0.236577	0.112455	0	0	0
Mus_musc Mus_musc	0.188492	0.031769	0.22028	0	0	0
Mus_musc Mus_musc	1.146505	1.06425	0.987785	1.217579	1.497406	1.326474
Mus_musc Mus_musc	0	0	0	0.249545	0.167059	0
Mus_musc Mus_musc	0	0	0	0	0.359024	0
Mus_musc Mus_musc	0	0	0	0.375283	0	0
ENSMUSG Olfr739	0	0	0	0	0	0
ENSMUSG Igf2bp3	0.059465	0.126285	0.102941	0.220324	0.25092	0.273412
ENSMUSG Calhm3	0	0	0	0	0	0
ENSMUSG Gm21789	0	0	0	0	0	0
ENSMUSG Cdt1	3.266664	2.694273	3.103601	4.53237	6.273255	5.324194
ENSMUSG Actr3b	0.483471	0.307935	0.705743	0.942986	0.494119	0.495139
ENSMUSG Mbd3l2	0	0	0	0	0	0
ENSMUSG Baiap3	3.640191	3.149128	3.052642	1.674263	1.833969	1.729234
ENSMUSG Mroh7	0.049885	0.057733	0.058502	0.023864	0.037201	0
ENSMUSG Cldn4	3.809811	2.016217	1.083108	3.173208	2.501945	3.888298
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Dnajc5b	0	0	0.212276	0.419032	0.382751	0.411565
ENSMUSG Mgat5b	0	0	0	0	0	0
ENSMUSG Pabpc2	0	0.015813	0.058795	0	0	0
ENSMUSG Pi4kb	13.99627	15.05977	14.35594	14.30525	15.18961	16.200181
ENSMUSG Garnl3	5.203699	3.854069	3.573524	3.27304	2.730785	3.11299
ENSMUSG Mtrf1	10.0287	11.44926	11.77613	10.54208	9.872782	10.610873
ENSMUSG Gm32742	0.106314	0.19767	0	0.167702	0.156987	0.177092
ENSMUSG Ifna5	0	0	0	0	0	0
ENSMUSG Zkscan6	4.619857	5.083232	5.209414	5.036172	4.925568	4.428421
ENSMUSG Anxa6	98.78463	94.75104	103.0474	85.82658	88.22121	98.259537
ENSMUSG Il12rb2	0.929385	0.94396	1.768008	0.899812	0.772417	1.019026
ENSMUSG Olfr601	0	0	0	0	0	0
ENSMUSG Olfr1294	0	0	0	0	0	0
ENSMUSG Olfr851	0	0	0	0	0	0

ENSMUSG Hmgb1	24.2262	25.1295	21.84761	20.46603	20.45134	16.933966
ENSMUSG Ano9	0.719303	0.575478	0.693315	0.80659	0.542082	0.675797
ENSMUSG Irs4	0	0	0.008025	0.008294	0	0
ENSMUSG Olfr63	0	0	0	0	0	0
ENSMUSG Sfxn4	2.994518	2.611017	1.180454	1.993483	1.575615	1.065062
ENSMUSG Cycs	16.42176	18.11213	17.34096	19.05589	20.82617	19.417212
ENSMUSG Naa15	7.46826	7.696949	7.19565	7.507855	7.006809	7.604038
Mus_musc Mus_musc	0	0.153048	0.148768	0	0	0
ENSMUSG Fam32a	38.98607	38.37035	41.80073	40.79236	36.51175	38.168255
ENSMUSG Uba2	34.81803	32.8313	33.89678	29.11881	30.97567	29.335276
Mus_musc Mus_musc	0.890648	1.164061	0.671746	0.513096	0.20824	0.283072
ENSMUSG Oscar	0	0.080925	0	0.034537	0.061244	0.030211
ENSMUSG 9130230L2	0.518056	0.340563	0.460101	0.853086	0.748343	0.636798
ENSMUSG Olfr1537	0	0	0	0	0	0
ENSMUSG Vmn1r222	0	0	0	0	0	0
ENSMUSG Vtn	8.853272	8.877958	12.20971	5.713398	6.068625	4.934005
ENSMUSG Clasrp	8.724918	8.845058	10.67746	6.725402	6.932849	7.313422
Mus_musc Mus_musc	0	0	0	0.544338	0	0.084436
ENSMUSG Micu2	17.80732	15.68648	14.32113	15.83271	15.49318	16.736076
ENSMUSG Gm21866	0	0	0	0	0	0
ENSMUSG 1700129C1	0	0	0	0	0	0
ENSMUSG Gm3033	0	0	0	0	0	0
ENSMUSG Olfr239	0	0.020445	0	0	0	0
ENSMUSG Fgf9	0.525808	0.484426	0.315602	0.257687	0.296764	0.654948
ENSMUSG Extl3	19.24101	17.68849	17.89631	15.88731	16.14263	17.379536
ENSMUSG Gm136	0	0	0	0	0.027627	0
ENSMUSG Ndufb6	21.75946	24.45939	21.99605	26.9414	24.77901	22.234385
ENSMUSG Sdr16c6	0	0	0	0	0	0
ENSMUSG Scrn1	5.923424	5.182802	4.797911	3.325	3.683472	3.285075
ENSMUSG Ccl9	3.5761	3.807579	3.672957	65.20924	80.83234	77.028168
ENSMUSG H2a1b	0	0	0	0	0	0
ENSMUSG Gm28269	0	0	0	0	0	0
ENSMUSG Stk36	2.793723	2.891481	2.189232	2.555967	2.247581	1.710074
ENSMUSG Ptpm	61.57838	56.06829	43.24258	32.7574	33.14864	32.146678
ENSMUSG Hcar1	0.440973	0.569934	0.370271	0.746601	0.468635	0.498284
ENSMUSG Cyb561d2	5.821219	6.252854	6.820979	7.746949	7.504525	8.313729
ENSMUSG Pacrg	2.346123	2.93763	1.913731	2.141696	1.875277	1.872082
ENSMUSG Rbm17	25.43613	26.21897	26.29157	24.80289	24.69823	24.909491
ENSMUSG Tex44	0	0	0	0	0.025232	0
ENSMUSG Upf3b	7.879998	8.000429	8.54235	8.430411	8.412523	7.874379
ENSMUSG Fxyd1	32.74138	36.23959	34.72285	22.55277	20.82514	19.404749
ENSMUSG Gm3072	0	0	0	0	0	0
ENSMUSG Vmn2r106	0	0	0	0	0	0
ENSMUSG Vmn2r36	0	0	0	0	0	0
ENSMUSG Apol11a	0	0	0.027074	0	0	0
ENSMUSG Vmn1r57	0	0	0	0	0	0
ENSMUSG Myh11	20.99761	18.78282	18.73654	26.91807	31.20949	26.931676
ENSMUSG Kdm1b	7.264731	6.867441	6.37205	6.425267	6.381855	6.100115
ENSMUSG Cnbd2	1.245212	1.132995	1.122014	0.892467	1.118348	1.104389
ENSMUSG Opa1	13.4064	13.76805	11.04963	13.51182	12.18636	14.044269
ENSMUSG Hspb2	7.455468	7.97563	9.146372	8.628212	5.913785	5.090543
ENSMUSG Zfyve28	0.458973	0.17244	0.506384	0.766982	0.629823	0.810273
ENSMUSG Fgf2	5.414863	6.41558	5.035114	4.095954	3.157666	3.459129
ENSMUSG Mospd3	17.71251	15.27504	20.02161	19.72238	18.25683	18.483659
ENSMUSG Rnpc3	5.554015	8.940734	8.526553	6.304379	5.169804	6.587292
ENSMUSG Cyp2u1	0.350938	0.388274	0.46446	0.54576	0.222001	0.170387
ENSMUSG Hadh	41.52583	40.97507	36.49535	40.34354	40.4971	40.719475
ENSMUSG Lef1	4.008609	2.745604	3.786898	2.05406	1.588467	1.489181
ENSMUSG Olfr1100	0	0	0	0	0	0
ENSMUSG Ldlrad1	4.505529	5.904553	3.240313	6.447354	7.575985	7.455077
ENSMUSG Cryge	0	0	0	0	0	0
ENSMUSG Ccnyl1	8.61055	9.908923	8.755916	6.606383	8.041637	7.724425
ENSMUSG Lilra5	9.198785	9.023628	10.39558	9.462881	8.77277	7.740073
ENSMUSG Cdk3-ps	0.157618	0.072686	0.312578	0.232593	0	0

ENSMUSG Prps11l	0	0	0.01512	0.021181	0.066835	0
ENSMUSG Muc6	0.019948	0.049339	0.116135	0.045446	0.068506	0.042045
ENSMUSG Zer1	9.290192	8.094409	8.018417	7.266535	7.703655	7.559086
ENSMUSG Mrps6	8.763165	12.00221	10.03082	12.35994	10.738	10.109024
ENSMUSG Lap3	17.65872	18.98788	29.483	32.75296	27.12431	29.460909
ENSMUSG Sdk1	0.600567	0.69311	0.598383	0.616209	0.566119	0.626895
ENSMUSG Car15	0.410938	0.537504	0.356696	0.317718	0.706031	0.671495
ENSMUSG Cfb	22.65056	35.03157	27.04439	33.75658	40.62948	43.424825
ENSMUSG Elf4	9.175968	7.365568	10.13955	9.784977	9.769609	10.887177
ENSMUSG Sash3	9.806293	8.019038	12.03075	15.56892	15.66971	17.661823
ENSMUSG Rbmx2	2.908621	2.384418	2.938348	2.504557	2.376453	1.688251
ENSMUSG Msto1	8.474913	7.442352	8.427562	7.980575	7.338217	7.531426
ENSMUSG Dap3	6.256323	6.387483	7.753322	6.994512	7.427669	7.202778
ENSMUSG Rab33a	0.041081	0.060898	0	0.080997	0.037887	0.136947
ENSMUSG Gm20772	0	0	0	0	0	0
ENSMUSG Zswim2	0	0	0	0.087936	0.023178	0.0251
ENSMUSG Hdx	0.544642	0.485716	0.37174	0.314448	0.370976	0.289281
ENSMUSG Zfyve9	7.869534	8.418829	7.468325	5.125461	5.227389	5.177948
ENSMUSG Tex16	0	0	0	0	0	0
ENSMUSG Exosc2	7.312322	6.390301	7.41698	6.038526	6.86068	6.280335
ENSMUSG Dpy19l3	2.049674	1.732784	1.710168	2.112983	2.316563	2.51999
ENSMUSG Smarcal1	7.577555	8.699898	8.438165	8.106239	7.499462	7.851063
ENSMUSG Arrdc5	0	0	0	0	0	0
ENSMUSG 9830107B	0.029876	0.086809	0.070109	0.178855	0.295624	0.252413
ENSMUSG Them4	3.881038	3.419323	3.251001	2.396557	2.834453	2.240123
ENSMUSG Zkscan1	6.865871	7.168789	6.195234	5.972224	5.555533	5.704849
ENSMUSG Mepce	18.70484	17.41	18.85789	13.90938	14.97461	14.21865
ENSMUSG Cyp3a13	0.306982	0.673928	0.416054	0.373169	0.246818	0.096842
ENSMUSG Ppp1r35	12.66518	10.9834	13.20673	11.84663	12.39969	13.473726
ENSMUSG Agfg2	7.734387	6.490824	8.226036	7.449558	7.13435	7.565191
ENSMUSG Tsc22d4	15.79502	15.60714	15.90614	16.65441	15.07032	16.037094
ENSMUSG Gm20605	15.90191	17.25915	16.23472	16.75335	13.96565	13.68815
ENSMUSG H2a1j	0	0	0	0	0	0
ENSMUSG Mkl1	7.258245	8.309294	7.388974	6.214584	6.126217	6.611138
ENSMUSG Podxl	122.218	111.81	136.3043	62.6042	61.33696	63.078945
ENSMUSG Copg2	11.72592	11.59569	10.48327	10.77042	11.86653	12.773701
ENSMUSG Sry	0	0	0	0	0	0
ENSMUSG Mfsd4b5	0.020928	0.051326	0.057995	0.056807	0.077406	0.150588
ENSMUSG Zfp202	0.720135	0.574964	1.089957	0.877325	0.8261	1.314089
ENSMUSG Tbx2r	7.01709	4.271795	5.839022	5.884425	2.828477	4.302555
ENSMUSG Plek2	0.775776	0.61558	0.554192	0.451147	0.510426	0.915812
ENSMUSG Lrr1	0.088625	0.164709	0.10643	1.04366	0.46293	0.90443
ENSMUSG Vrk1	8.168606	7.816622	6.301624	7.672779	8.786988	7.788782
ENSMUSG Atp6v1d	13.21253	13.54522	14.07678	13.39115	13.77405	13.260732
ENSMUSG Eif2s1	11.66206	10.65826	10.5795	12.1968	12.39393	12.503839
ENSMUSG Papola	35.29027	35.82273	35.69805	38.03439	40.23633	35.899439
ENSMUSG Snapc1	4.578767	4.642465	5.288176	4.300473	3.839331	3.736507
ENSMUSG Mpp5	28.9161	30.17402	25.90897	17.06668	18.37477	16.000089
ENSMUSG Kif9	2.401551	3.291269	2.080796	2.849083	2.517892	3.708771
ENSMUSG Ptgs2	8.346898	5.597929	5.737363	4.743552	4.507972	5.700054
ENSMUSG Scap	19.1449	17.96921	18.97611	18.72456	17.60941	20.180317
ENSMUSG Ngp	0.654109	0.624308	1.383424	1.358382	0.12986	0.433034
ENSMUSG Cspg5	0.040406	0.286718	0.040854	0.2764	0.25746	0.222461
ENSMUSG Smarcc1	7.609904	8.280064	7.758328	9.92794	9.061398	9.264445
ENSMUSG Dhx30	17.35018	18.43678	17.33192	13.50871	13.65324	14.023327
ENSMUSG Ccdc2	0.646405	1.116484	0.698948	1.349361	0.475203	0.979146
ENSMUSG Kcnc2	0.063981	0.134618	0.05899	0.138721	0.026047	0.047379
ENSMUSG Melk	0.224047	0.309089	0.340188	1.086084	1.075992	1.963781
ENSMUSG Thrsp	5.997422	17.41036	3.975357	13.28778	5.57504	9.084261
ENSMUSG Dmgdh	0	0	0	0	0	0
ENSMUSG Inpp5f	7.101563	6.380872	6.632656	5.897199	6.130046	5.718676
ENSMUSG Ugg2	2.057686	1.632079	1.858376	1.199326	1.327609	1.317876
ENSMUSG Pnoc	0.146169	0	0	0.024203	0	0.114935
ENSMUSG Adrb2	55.65783	48.3379	54.76291	18.77214	28.90116	21.034792

ENSMUSG Ankrd26	2.352035	2.635605	2.200314	2.224117	2.407456	2.04658
ENSMUSG Tent5c	9.242612	11.27265	7.838997	29.51457	32.58527	28.776213
ENSMUSG Tnfaip8l1	0.895738	0.645777	0.764651	1.083742	1.147699	1.337925
ENSMUSG Gm10229	0	0	0	0	0	0
ENSMUSG Gm10228	0	0	0	0	0	0
ENSMUSG Gm6358	0	0	0	0	0	0
ENSMUSG Shisa2	2.034405	2.121394	2.461409	1.961043	1.802338	1.735272
ENSMUSG 1110025L1	0	0	0	0	0	0
ENSMUSG Rnf144a	38.0181	41.06148	36.44939	27.25395	30.50539	28.286447
ENSMUSG Itsn2	25.40355	24.96854	24.58874	24.57712	24.85615	25.806793
ENSMUSG Rsad2	2.051119	1.853262	3.499954	1.342825	1.699452	1.14636
ENSMUSG Mboat2	2.276197	2.62452	2.595976	1.669863	1.940474	2.01456
ENSMUSG Ncoa1	9.433217	10.35119	8.872042	8.74475	8.56294	9.73206
ENSMUSG Id2	52.35	43.59997	53.63926	46.88781	41.61802	55.941069
ENSMUSG Dus4l	2.010971	2.696104	2.323944	1.93155	2.348343	2.409588
ENSMUSG Rrm2	2.099625	1.972272	1.975723	7.534499	8.567735	9.026116
ENSMUSG Nxpe3	3.30732	3.479247	5.131475	3.958516	3.769468	2.95631
ENSMUSG C1galt1c1	19.78015	20.3504	21.99609	20.0402	20.20774	20.792587
ENSMUSG Rbm38	8.020814	8.744601	10.98747	10.99929	10.2987	13.837502
ENSMUSG Zfp958	4.137394	4.439	3.376536	3.646131	4.24009	3.268376
ENSMUSG Zbp1	4.519167	3.884226	28.24801	14.04443	7.870382	10.991642
ENSMUSG Nrsn1	0	0	0	0	0.021341	0
ENSMUSG 1700021FC	0	0	0	0	0	0
ENSMUSG Kcnt1	0.023979	0.017475	0.044898	0.115765	0.165596	0.093925
ENSMUSG Prr19	0	0	0	0	0.067149	0
ENSMUSG Kcnj14	2.234776	2.168733	2.350424	1.491178	1.035686	1.530237
ENSMUSG Krtap14	0	0	0	0	0	0
ENSMUSG Ptar1	5.776546	6.470709	3.389404	5.136596	4.626198	6.058291
ENSMUSG Fam122a	12.87807	10.50007	12.41157	10.14667	9.545111	12.646164
ENSMUSG Pak6	6.616646	5.541644	4.960247	4.624746	5.486676	4.920351
Mus_musc Mus_musc	0.385001	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	0.702964	1.138827	0.660111	1.07818	1.275891	1.459378
Mus_musc Mus_musc	0	0	0	0	0.219042	0
Mus_musc Mus_musc	0.116703	0.033545	0.144942	0.168468	0.12719	0.470609
ENSMUSG Bex1	2.684044	3.990213	3.263628	5.309558	4.654181	6.702864
ENSMUSG Cntf	0.137603	0.699785	0.191011	0.548402	0.635589	0.653149
ENSMUSG 4930455Hl	0	0	0.019594	0	0	0
ENSMUSG Insr	11.61111	11.86992	9.255244	9.057964	9.393808	9.343995
ENSMUSG Gpr171	1.297206	0.998468	1.485196	1.668131	1.715304	2.194672
ENSMUSG Igf1r	8.968419	9.11011	7.708369	5.920012	6.208498	5.439831
ENSMUSG Gm44502	2.455307	1.859834	2.962966	1.390277	2.301688	1.757392
ENSMUSG Pck2	10.00621	8.56734	8.751155	12.5209	11.03639	12.483185
ENSMUSG Tmem51	6.582103	5.838487	7.86801	8.805403	7.623718	9.074832
ENSMUSG Nlrp9c	0	0	0	0	0	0
ENSMUSG Apobec1	5.018349	3.461554	7.743219	21.698	19.19409	22.339903
ENSMUSG lldr2	1.918103	2.305674	1.23909	1.440826	1.068795	1.754826
ENSMUSG Tlx3	0	0	0	0	0	0
ENSMUSG Nap1l2	0.167741	0.071614	0.082926	0.1306	0.187374	0.028618
ENSMUSG Ceacam5	0	0	0	0	0	0
ENSMUSG Gm21118	0	0	0	0	0	0
ENSMUSG Scgb2b7	0	0	0	0	0	0
ENSMUSG Arid3b	7.638934	6.00426	6.855546	6.734538	6.694834	6.042258
ENSMUSG Polr2e	50.1908	45.45313	49.9252	44.17134	45.45593	50.388817
ENSMUSG Rita1	4.362833	5.297407	4.899431	4.881129	4.413452	4.481837
ENSMUSG Abca13	0.057674	0.041866	0.016882	0.02478	0.017327	0.02555
ENSMUSG Retnlg	18.43628	9.949955	14.11714	78.5845	67.16311	82.305664
ENSMUSG Retnlb	0	0	0	4.426411	4.617685	8.87402
ENSMUSG Lancl3	0.098761	0.183501	0.163137	0.154221	0.105485	0.266242
ENSMUSG Oas1b	0.413833	0.509548	0.765133	0.856345	0.321046	0.7198
ENSMUSG Zfp286	0.685646	0.660758	0.717586	0.381969	0.386779	0.491412
ENSMUSG Mettl21c	0	0	0	0.083162	0	0
ENSMUSG Nr5a2	0.06281	0.146224	0.0721	0.132139	0.150679	0.084602
ENSMUSG Cd55	24.11847	26.35799	20.54608	32.49263	31.96807	32.144374

ENSMUSG Nek7	30.13927	30.80108	28.58512	28.49251	30.09152	26.617669
ENSMUSG Marco	0.825482	1.061888	0.815896	0	0.255744	0.190501
ENSMUSG Atp6v1g3	0.020826	0	0	0.120437	0.106653	0.087164
ENSMUSG Ptprc	29.39155	25.67222	44.60106	50.4386	42.00888	46.348106
Mus_musc Mus_musc	0	0.039834	0.047632	0.300058	0.124578	0.09695
ENSMUSG Olfr453	0	0	0	0	0	0
ENSMUSG Tcaim	4.030432	4.001679	3.644638	3.587632	3.349697	2.657628
ENSMUSG Olfr965	0	0	0	0	0	0
ENSMUSG Serpini1	0.337547	0.402992	0.531668	0.622599	0.565827	0.418662
ENSMUSG Mink1	32.01851	29.50521	34.84865	32.34877	31.803	32.825634
ENSMUSG Hrk	0	0.042175	0	0.043455	0.014743	0.020534
Mus_musc Mus_musc	0.189518	0	0.089286	0	0	0
Mus_musc Mus_musc	0	0	0.195402	0.123224	0	0
Mus_musc Mus_musc	0.367403	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.201758	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.279303	0.268795	0
Mus_musc Mus_musc	2.553956	1.901812	2.484926	3.420619	3.493944	3.327469
Mus_musc Mus_musc	1.193573	1.486246	1.538665	1.120182	0.84275	0.497146
Mus_musc Mus_musc	0.814512	0.643684	0.734273	1.386575	1.071217	0.845806
Mus_musc Mus_musc	0.150397	0.417794	0.337041	0.445772	0.645753	0.497546
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.380693	0.214471	0.610111	0.411116	0.551649	0.154202
Mus_musc Mus_musc	5.312269	5.19918	4.968093	6.940423	5.841326	6.162523
ENSMUSG Kif1c	60.1913	70.42368	61.46961	50.4904	53.61972	50.593819
ENSMUSG Lonrf3	5.02837	5.852085	3.800653	5.618537	4.77465	5.680198
ENSMUSG Cdca4	8.346039	9.634075	9.151124	9.12047	9.032605	10.178013
ENSMUSG Gm16434	0	0	0	0	0	0
ENSMUSG Gm20838	0	0	0	0	0	0
ENSMUSG Layn	7.847152	6.910228	5.651774	4.177044	4.670424	5.604057
Mus_musc Mus_musc	0.225638	0.684024	0.315172	0.427753	0.756532	0.41958
Mus_musc Mus_musc	0	0.556671	0	215.7457	24.40797	80.36689
Mus_musc Mus_musc	0.282774	0.33527	0.067395	427.6223	154.3087	69.494999
Mus_musc Mus_musc	0	0	0	78.94512	0.618664	29.747486
Mus_musc Mus_musc	0	0	0	0	67.18118	27.181675
Mus_musc Mus_musc	0.34396	1.245765	0.077257	1.970914	2.03094	40.87191
Mus_musc Mus_musc	0	0.10398	0.282353	0.629128	0.861076	0.950676
ENSMUSG Olfr190	0	0	0	0	0	0
Mus_musc Mus_musc	0.526582	1.024752	0.729248	454.0309	946.0303	53.781986
ENSMUSG Olfr975	0	0	0	0	0	0
ENSMUSG Rhbdl2	0	0.195771	0.062188	0.318577	0.375993	0.65063
ENSMUSG Tfpap2b	0	0	0	0	0	0
ENSMUSG Filip1l	23.71872	24.40824	21.34615	20.25432	21.66313	22.880127
Mus_musc Mus_musc	0	0	0	0.237804	0	0
Mus_musc Mus_musc	0.106396	0.307423	0.291876	0.176645	0.454873	0.131256
Mus_musc Mus_musc	0	0	0	0.097289	0	0.393851
Mus_musc Mus_musc	0	0	0	0	0.342682	0
ENSMUSG Olfr320	0.000372	0	0	0	0	0
ENSMUSG Ube2c	2.151667	1.409448	2.807799	7.94068	11.03705	10.55467
ENSMUSG Olfr1368	0	0	0	0	0	0
ENSMUSG Lce3c	0	0	0	0	0	0
ENSMUSG Hcrt	0	0	0	0	0	0
ENSMUSG Olfr459	0	0	0	0	0	0
Mus_musc Mus_musc	0.15808	0.30327	0.181576	0.101218	0.095374	0
ENSMUSG Coa3	40.82737	40.3956	39.98275	36.77574	38.75573	40.344063
Mus_musc Mus_musc	0	0	0	0.246549	0.08817	0.082373
Mus_musc Mus_musc	0.263145	0	0	0	0	0.031672
Mus_musc Mus_musc	0.128455	0.237869	0.06526	0.367404	0.290252	0.291789
Mus_musc Mus_musc	0	0	0	0.241131	0	0
Mus_musc Mus_musc	0.558843	0.339621	0.647873	0.693061	0.500299	0.534159
Mus_musc Mus_musc	0.235081	0.306747	0.411831	0.566326	0.277654	0.388333
Mus_musc Mus_musc	2.885723	3.620324	3.357735	2.394697	2.181564	2.739886
ENSMUSG Aoc3	0.967803	1.532	0.685388	2.570864	2.069283	1.957057
ENSMUSG Noxo1	1.060174	0.556449	0.899026	1.929388	1.894936	1.755966

ENSMUSG Olfr826	0	0	0	0	0	0
ENSMUSG Tnip2	12.66714	12.67999	14.84516	11.8133	12.31813	13.034832
ENSMUSG Olfr960	0	0	0	0	0	0
ENSMUSG Olfr1393	0	0	0.054146	0.017127	0	0
ENSMUSG Grwd1	3.45812	3.834058	4.657862	4.246719	3.647736	4.261014
ENSMUSG Tinf2	9.824594	8.950183	8.995898	9.17525	9.503618	8.140104
Mus_musc Mus_musc	1.387397	1.194716	0.534733	0.969067	1.136053	0.706546
Mus_musc Mus_musc	0.670373	0.405595	0.549543	0.301262	0.614683	0
Mus_musc Mus_musc	0	0.424174	0	0	0	0
Mus_musc Mus_musc	0.508821	0.703286	0.795509	0.54938	0.380473	0.408448
ENSMUSG Gm14393	0.348385	0.529763	0.238132	0.161675	0	0.313471
ENSMUSG Gm14444	0.030895	0	0.027114	0.101343	0	0
ENSMUSG Fam186b	0	0.197236	0.280983	0.188025	0.017574	0.120408
ENSMUSG Gm14440	0.757534	0.763847	0.789568	0.704908	0.637073	0.830406
ENSMUSG Gm14443	0.106798	0.262156	0.097636	0.112594	0.108022	0.118644
ENSMUSG Gm14391	1.125346	0.999822	0.971744	0.821657	1.590176	1.364208
ENSMUSG Cops6	28.69903	30.61379	31.33826	29.9004	28.04445	31.652539
ENSMUSG Mon1b	6.541299	6.691706	6.130964	6.422994	6.687402	6.252687
ENSMUSG Tubgcp3	12.51207	12.84903	11.31819	11.92362	10.83255	11.404158
ENSMUSG Serpinf1	12.61872	16.23629	8.901418	11.91395	10.87978	10.57063
ENSMUSG Rpa1	12.69112	12.20693	12.20619	10.40812	11.01991	12.202675
Mus_musc Mus_musc	1.609	1.984166	1.537303	0.992435	1.477485	1.794837
Mus_musc Mus_musc	0	0	0	0	0	0.368372
Mus_musc Mus_musc	1.102295	6.463222	8.132671	13.26287	0.334561	0
Mus_musc Mus_musc	0	0.213385	0.081959	0.203306	0	0
ENSMUSG Gm26965	0	0	0	0	0	0
ENSMUSG Mlf2	114.127	113.0966	116.6331	109.7187	103.1113	103.41281
ENSMUSG Saraf	88.18443	82.30093	92.30676	72.43193	72.17511	69.043945
ENSMUSG Map6d1	0	0	0.028688	0	0	0.024259
ENSMUSG Trir	61.62532	65.81316	79.13769	69.46341	68.23315	72.355286
ENSMUSG Pla2g2d	1.330711	1.500826	1.104916	7.18042	5.319404	7.612832
ENSMUSG Kif7	1.633467	1.463869	1.982484	1.144114	1.286792	1.311275
ENSMUSG Rhox11	0	0	0	0	0	0
ENSMUSG Cd79b	15.4344	9.337501	11.01832	35.46612	32.97103	35.546851
ENSMUSG Hamp2	0	0	0	0.288829	0.417301	0.469327
ENSMUSG Ces1d	400.9688	442.8637	362.11	250.4471	245.2041	218.58315
ENSMUSG Magel2	0	0	0	0.037877	0	0
ENSMUSG Myh8	0	0.00655	0	0	0	0
ENSMUSG Galnt4	8.510852	9.344065	8.596457	8.008402	8.322612	7.743134
Mus_musc Mus_musc	0.288601	0.071189	0.063592	0.214598	0.322038	0.32124
Mus_musc Mus_musc	0	0	0.142388	0	0.273685	0.12903
Mus_musc Mus_musc	0.285133	0.078674	0	0.106999	0	0
Mus_musc Mus_musc	4.150386	4.809578	5.338231	5.62942	3.509653	3.619668
ENSMUSG Fzd8	4.039277	4.438006	3.591632	2.956381	2.989984	2.998715
ENSMUSG Wfdc5	0.04308	0.01781	0	0.103578	0	0.127855
ENSMUSG Hs2st1	40.0353	35.07705	32.09666	21.93888	22.53025	23.343624
ENSMUSG Thbs1	24.05338	9.296487	15.19641	14.86383	18.64497	20.719725
ENSMUSG Vmn2r62	0	0	0	0	0	0
ENSMUSG Vmn1r185	0	0	0	0	0	0
ENSMUSG Tax1bp3	48.77858	55.02502	57.56846	39.5776	39.76144	47.018589
ENSMUSG Gm17409	0	0	0	0	0	0
Mus_musc Mus_musc	0.360402	0.178264	0.250091	0.433378	0.265116	0.243953
Mus_musc Mus_musc	0.463176	0.82222	0.417208	1.065535	0.23467	0.964
Mus_musc Mus_musc	0.16962	0	0.332923	0.432827	0.430673	0.626546
Mus_musc Mus_musc	0	0	0.105405	0	0	0
Mus_musc Mus_musc	0.178048	0.35794	0	0.237462	0.3855	0.137461
ENSMUSG Olfr1511	0	0	0	0	0	0
ENSMUSG Olfr1315-γ	0	0	0	0	0	0
Mus_musc Mus_musc	0.56265	0.547082	0.477365	0.321	0.286865	0.641414
Mus_musc Mus_musc	0.283649	0.297315	0.560626	0.342251	0.352712	0.147945
Mus_musc Mus_musc	0.500953	0.517964	0.577888	0.502312	0.531084	0.427992
Mus_musc Mus_musc	0	0.450584	0.457729	0.253004	0	0.115289
Mus_musc Mus_musc	0.807075	1.0315	0.419485	0.737554	0.783237	0.409883
Mus_musc Mus_musc	0.894906	0.810971	0.73906	0.517534	0.964892	0.42314

ENSMUSG Cc2d2b	0.043592	0.054958	0.01717	0.028978	0.029286	0.037054
ENSMUSG Vmn1r15	0	0	0	0	0	0
ENSMUSG Mast3	10.41483	10.20436	11.80975	11.71223	11.41084	12.926982
ENSMUSG Ptgis	40.45813	38.57247	41.61454	27.73636	25.25631	25.821829
ENSMUSG Necab2	0.158247	0.105111	0.249643	0.207305	0.20795	0.170111
ENSMUSG Arid4b	14.96052	14.26832	12.86164	11.69928	12.41468	11.498839
ENSMUSG Srrm2	60.04016	53.13432	59.13554	55.10407	47.16974	52.156671
ENSMUSG Il18	13.48939	14.94469	13.65731	4.846953	3.787448	4.038789
ENSMUSG Svs1	0	0	0	0	0	0
ENSMUSG Gpatch2	4.982725	5.013475	4.02236	6.122937	5.29748	5.030142
ENSMUSG Atp5l	76.38992	79.84748	86.01298	96.30817	87.14578	99.558174
ENSMUSG Olfr1185- ρ	0	0	0	0	0	0
ENSMUSG Olfr1424	0	0	0	0	0	0
ENSMUSG Olfr1423	0	0	0	0	0	0
ENSMUSG Sptan1	152.5164	136.5268	131.1208	85.6791	91.76393	88.99773
ENSMUSG Olfr1428	0	0	0	0	0	0
ENSMUSG Olfr1427	0	0	0	0	0	0
ENSMUSG Olfr76	0	0	0	0	0	0
ENSMUSG Tex22	0	0	0	0	0	0
ENSMUSG Alox5ap	26.57331	24.35001	36.04879	31.80405	36.0177	41.589802
ENSMUSG Gm19402	0	0	0	0	0	0
ENSMUSG Bbs9	5.817736	6.436737	4.522517	4.995438	6.183699	5.613042
ENSMUSG Vmn1r116	0	0	0	0	0	0
ENSMUSG Cphx1	0	0	0	0	0	0
ENSMUSG Gm5891	0	0	0	0	0	0
ENSMUSG Dcdc2a	0.551901	1.042889	0.626336	1.24916	1.065984	1.033287
ENSMUSG Gm21209	0	0	0	0	0	0
ENSMUSG Cd276	2.336557	2.315528	1.877719	3.286873	2.431709	3.277496
ENSMUSG Ptprq	0.200062	0.168774	0.158608	0.129906	0.063182	0.138495
ENSMUSG Gm21292	0	0	0	0	0	0
ENSMUSG Vmn2r115	0	0	0	0	0	0
ENSMUSG Zc3h11a	11.72425	6.325592	15.7872	11.19327	10.42183	10.371191
ENSMUSG Olfr813	0	0	0	0	0	0
ENSMUSG Best2	0	0.033973	0	0.023601	0	0.069111
ENSMUSG Atad2b	5.234738	6.124327	5.430766	6.421558	6.522232	6.083982
ENSMUSG Shroom4	9.349155	9.494374	7.644022	5.915504	6.772235	6.381411
ENSMUSG AC192777	0	0	0	0	0	0
ENSMUSG Lrrn3	3.714509	3.602213	3.349831	2.351222	2.829222	2.06951
ENSMUSG Gramd1c	3.311269	3.118902	2.44215	2.351434	1.631784	1.817038
ENSMUSG Ap5m1	8.186101	7.423492	7.097792	7.927549	6.411772	6.761085
ENSMUSG Slc2a13	1.260236	0.976096	0.908135	0.659323	1.095961	0.902868
ENSMUSG BC031181	47.4642	49.43763	50.94934	50.45511	46.37794	49.674107
ENSMUSG Rsbn1l	11.64056	11.88396	10.55848	9.870048	9.597492	8.941372
ENSMUSG Zfp292	6.293423	6.268624	5.514245	5.998146	6.126504	5.870766
ENSMUSG Rhou	3.228602	5.248249	3.908314	5.663486	5.265157	5.658261
ENSMUSG Ccdc40	3.844953	4.896854	2.622277	5.025337	5.068829	4.95378
ENSMUSG Olfr906	0	0	0	0	0	0
ENSMUSG Snupn	5.936846	7.531979	5.284629	4.560637	5.631908	4.62816
ENSMUSG Crybg1	3.720984	3.487798	4.172652	4.850241	3.691187	4.683404
ENSMUSG Gje1	0	0	0	0	0	0
ENSMUSG Rtn4ip1	1.902202	2.50011	2.306962	2.973481	2.859443	3.10639
ENSMUSG Nmbr	0	0	0	0.023398	0	0
ENSMUSG Qrs1	3.025968	2.984494	2.705451	3.583099	3.584757	2.407159
ENSMUSG Gopc	12.69056	12.35701	11.55714	9.549134	9.537116	10.055794
ENSMUSG Vta1	11.60551	11.20084	12.50485	12.01027	10.13853	11.260555
ENSMUSG D10Wsu1C	0.20237	0.212915	0.186896	0.229175	0.227124	0.232303
ENSMUSG Wdr82	25.28155	25.73192	26.13761	20.50335	21.33168	22.125419
ENSMUSG Aldh1l2	0.161062	0.334117	0.178369	0.375808	0.30244	0.406345
ENSMUSG Glt8d2	3.758555	3.626006	3.466807	2.153149	2.241854	1.906348
ENSMUSG Txnrd1	30.47993	26.93152	26.75493	26.54861	27.7468	33.860636
ENSMUSG Ppm1m	25.11332	23.39264	25.9511	23.05868	19.21419	22.359755
ENSMUSG Glyctk	0.577764	0.447017	0.434281	0.540364	0.642352	0.414933
ENSMUSG Helz	5.406196	5.580714	4.762892	5.099449	5.748146	5.355044
ENSMUSG Vmn2r70	0	0	0	0	0	0

ENSMUSG Tnni3	2.31227	22.3746	4.411068	6.281792	5.820048	3.298987
ENSMUSG Slc30a7	8.466365	8.37079	7.187803	9.511285	9.066874	9.208955
ENSMUSG Cacng4	0.109004	0.079403	0.025534	0.014916	0.024483	0.047362
ENSMUSG Cyp3a44	0	0	0	0	0	0
ENSMUSG Cacng1	0.105081	0	0.074932	0	0	0
ENSMUSG Faiml	0	0	0	0	0	0
ENSMUSG Agl	3.655176	3.933312	3.011929	4.045493	3.27961	3.97742
ENSMUSG Tbcc	11.23843	11.07394	9.497555	9.703942	10.6134	10.08309
ENSMUSG Nudt15	1.251536	0.992943	0.783271	1.207076	1.156981	1.148655
ENSMUSG Exoc1	8.879372	9.712743	8.125729	8.976949	8.742998	9.395063
ENSMUSG Gm29289	0	0	0	0	0	0
ENSMUSG Calm2	229.9979	228.3996	239.9268	199.3013	204.8521	213.03919
ENSMUSG Olfr335-ps	0	0.02465	0	0	0	0.029423
ENSMUSG Atg14	7.53201	7.725482	6.303204	5.856392	6.211552	5.585693
ENSMUSG Wfikkn1	0.10384	0.191318	0.025584	0.14339	0.142695	0.187905
ENSMUSG Cks1brt	0	0	0	0	0	0
ENSMUSG Mavs	12.8134	13.82594	12.76759	12.376	11.55788	12.629082
ENSMUSG Gm10318	0	0	0	0	0	0
ENSMUSG Atp5g2	67.29067	61.15663	67.56193	80.52594	67.27285	73.896394
ENSMUSG Prss40	0	0	0	0	0	0
ENSMUSG Gm28042	1.007324	1.091911	1.141995	1.234799	1.25988	1.172049
ENSMUSG Dlx4	0.066577	0.040504	0.026651	0	0.023643	0
ENSMUSG Cdc34b	0.30082	0.092438	0.02024	0	0.066804	0.066201
ENSMUSG Slc35b1	23.12156	21.78368	25.43587	28.29411	29.79719	30.231262
ENSMUSG Tac4	0	0.037005	0.14814	0.069551	0	0
ENSMUSG Hoxb9	0	0	0	0.019403	0	0
ENSMUSG Scrn2	4.531391	4.832105	5.358513	4.679596	5.228886	5.345721
ENSMUSG Snx11	10.99913	11.08173	10.99837	11.66444	10.93937	11.215492
ENSMUSG Lrrc46	1.869336	1.737019	1.478823	2.442869	2.818272	2.988617
ENSMUSG Olfr1015	0	0	0	0	0	0
ENSMUSG Ccnf	0.743072	0.455573	0.596325	1.170199	1.413586	1.656584
ENSMUSG Ogfrl1	7.035439	5.968064	6.873441	6.191763	6.10847	5.244023
ENSMUSG Agfg1	20.42924	21.15195	22.77704	14.75009	15.87407	15.873441
ENSMUSG Mff	40.23769	39.14642	36.92112	33.74327	34.52758	33.840724
ENSMUSG Fam135a	6.175369	7.470047	5.242408	4.813463	5.407105	5.19236
ENSMUSG Sdhaf4	7.876672	10.89609	8.377057	9.547703	8.595775	8.902695
ENSMUSG Smap1	23.16132	22.82149	22.91802	19.75318	22.09977	19.927904
ENSMUSG B3gat2	0.967181	0.868362	1.495729	0.718961	0.712715	0.964844
ENSMUSG Wnt5b	1.250944	1.315371	1.365953	0.807403	0.584487	0.64974
ENSMUSG Klra5	0.111731	0.051155	0.073967	0	0.149179	0
ENSMUSG Erc1	6.486725	5.823367	6.050161	5.131498	5.442457	5.345152
ENSMUSG Ccdc77	3.555783	3.020848	4.060747	3.077896	2.400028	3.167218
ENSMUSG Cyp4a10	0	0	0	0	0	0
ENSMUSG Slc27a1	9.770642	9.389334	6.986207	12.50961	10.82125	11.29251
ENSMUSG 1700018B(C	0	0	0	0.107533	0	0.055314
ENSMUSG B3gnt3	3.047225	3.247617	3.301085	3.568338	2.736892	2.93866
ENSMUSG Pgls	35.06558	24.9524	32.89033	38.11556	43.98214	48.261725
ENSMUSG Jak3	9.224142	7.069943	12.1477	13.34199	11.25549	12.710123
ENSMUSG Ptpn3	6.42521	6.678969	5.892436	6.657382	6.793779	6.478744
ENSMUSG Lmx1b	0	0.019088	0.016082	0.079197	0	0.010151
ENSMUSG Gabpb2	10.96128	12.33999	9.884164	10.46175	10.67632	11.05778
ENSMUSG Trhr	0	0	0	0	0	0
ENSMUSG Abcf1	29.08091	26.95491	30.64907	29.30422	29.39106	29.017717
ENSMUSG Alpk3	0.304706	0.458567	0.215434	0.152049	0.186253	0.106972
ENSMUSG 9130409I2	0	0	0	0	0	0
ENSMUSG Gpx2	12.57433	14.50102	8.965808	14.10827	11.4185	16.000729
ENSMUSG Tubgcp4	5.475702	6.343042	5.074556	5.642953	6.644503	6.771692
ENSMUSG Spata46	0.073164	0.219756	0.063543	0.199746	0.463704	0.040612
ENSMUSG Olfr769	0	0	0	0	0	0
Mus_musc Mus_musc	1.132314	1.108882	2.183406	1.802661	1.3733	1.267638
ENSMUSG Gpr153	6.090012	6.300607	7.402171	4.488824	4.657297	5.338611
ENSMUSG Hecw2	8.829248	8.480142	8.168584	4.391108	5.237397	4.183053
ENSMUSG Raver2	16.15998	16.94401	16.62939	11.47625	11.28115	9.808728
ENSMUSG Tpbg	0.625619	0.652013	0.494008	0.574741	0.443751	0.402367

ENSMUSG Arx	0	0	0	0	0	0
ENSMUSG Impg2	0.168245	0.121409	0.111621	0.137212	0.129872	0.127941
ENSMUSG Hpse	2.949957	2.460416	3.491816	6.036646	6.219168	8.086365
ENSMUSG Tor1a	18.97581	15.93251	20.98975	17.94211	16.22425	18.803232
ENSMUSG Abl1	25.12117	24.7337	22.97491	20.43641	19.71502	19.481359
ENSMUSG Fubp3	14.37018	12.77223	13.85351	11.30364	11.15449	11.360334
ENSMUSG Lamc3	2.550864	2.627527	2.74419	2.022352	2.949399	2.524065
ENSMUSG Fibcd1	0	0.014746	0.010596	0.019229	0.020375	0
ENSMUSG Tmem92	0	0	0	0	0	0
ENSMUSG Ermp1	7.540306	7.452812	6.97959	6.548177	5.911215	6.079373
ENSMUSG Insc	0.030137	0.476475	0.197495	0.127737	0.235839	0.78661
ENSMUSG Hs3st2	0	0	0	0	0	0
Mus_musc Mus_musc	0.08626	0.283935	0.065773	0.143555	0.30765	0.195848
ENSMUSG Dcun1d3	4.02235	4.950947	3.883938	3.5176	4.099289	3.303104
ENSMUSG Exoc3l2	0.794995	0.825151	0.699742	0.77425	0.536508	0.619519
ENSMUSG Slc25a23	16.26655	16.84585	14.48403	15.24813	16.10798	14.580386
ENSMUSG Vmn1r125	0	0	0	0	0	0
ENSMUSG Rilpl1	20.03765	20.52072	20.27298	13.87153	14.91259	13.665149
ENSMUSG Tmed2	87.9077	87.44375	65.93701	94.20994	96.91932	80.576075
ENSMUSG Rchy1	16.95115	15.70429	17.89682	17.77592	16.51995	16.481859
ENSMUSG Cdk2ap1	28.44409	31.49081	33.58961	25.54424	26.34848	27.965571
ENSMUSG Olfr1489	0	0	0	0	0	0
ENSMUSG Pqlc3	30.00191	27.99925	27.80803	35.74428	34.63131	34.063943
ENSMUSG Col27a1	2.227242	2.325937	2.711944	2.00777	1.413019	1.526633
ENSMUSG Spred2	11.77319	10.53411	9.959933	7.690616	7.403454	7.641052
ENSMUSG Nupl2	1.453372	1.829153	1.936273	2.154122	1.896138	2.280806
ENSMUSG Olfr1352	0	0	0	0	0	0
ENSMUSG C1qtnf2	10.17218	9.837758	12.48637	6.590238	5.031506	7.195112
ENSMUSG Rnf222	0	0	0.014489	0	0	0.028827
ENSMUSG Lor	0.965101	0.622008	0.482593	0.48165	0.222058	0.672451
ENSMUSG Ggt1	0.77714	0.771522	0.521492	0.30461	0.235282	0.362348
ENSMUSG Ggt5	1.521104	1.433101	1.446428	1.518636	1.699586	1.743036
ENSMUSG Susd2	2.955737	3.430063	2.828837	3.42463	2.956683	3.422968
ENSMUSG Fthl17a	0	0	0	0	0	0
ENSMUSG Tgfb1	24.00184	20.52007	26.45411	26.42644	32.69606	29.687602
ENSMUSG Tstd2	7.212714	8.843081	7.707141	7.929007	8.445468	10.015469
ENSMUSG Esm1	11.60792	6.382752	5.750194	2.92533	2.99696	2.173082
ENSMUSG Fam83g	1.299288	1.241437	1.133866	1.391984	1.511767	1.49288
ENSMUSG Wdr27	0.156663	0.173334	0.238239	0.191206	0.238423	0.242075
ENSMUSG Dmrt3	0	0.015366	0	0.062107	0	0.015875
ENSMUSG Slc5a10	0.0184	0.052033	0	0	0	0
ENSMUSG 1110017D	6.690837	9.164543	5.859369	8.652006	8.230509	9.016601
ENSMUSG Nudt2	6.065182	6.489115	6.738221	8.191012	6.660313	8.602915
ENSMUSG Cntfr	3.023866	3.491429	2.701708	1.497324	1.348302	1.191348
ENSMUSG Enh1	10.68668	8.984739	10.19863	4.452427	5.314479	4.634411
ENSMUSG Dctn3	29.72299	30.17165	30.83186	28.95646	27.70072	29.723432
ENSMUSG Bmp8a	0.029426	0.235368	0.021073	0.358653	0.24084	0.159756
ENSMUSG Mier3	6.596511	6.378634	5.496357	4.033267	4.316758	4.774788
ENSMUSG Abtb2	1.32773	1.352119	1.632061	1.83366	1.935366	1.818263
ENSMUSG Folr2	1.880467	2.701905	1.768777	7.501262	8.684247	9.630862
ENSMUSG Olfr492	0	0	0	0	0	0
ENSMUSG Frg2f1	0.47653	0.856905	1.079103	0.83845	0.675476	0.585942
Mus_musc Mus_musc	0	0.402333	0.28884	0.318747	0.109283	0.209343
Mus_musc Mus_musc	1.15585	1.358515	0.84715	1.928951	1.357131	1.617722
ENSMUSG Gm10645	0.035067	0.050163	0	0.368024	0.148219	1.019202
ENSMUSG Cypt15	0	0	0	0	0	0
ENSMUSG Zfp568	6.565823	7.445924	6.581985	6.239586	5.778408	6.386787
ENSMUSG Zfp382	1.998777	1.250859	2.014293	1.948613	2.816528	2.114702
ENSMUSG Rhoq	16.42235	17.18166	17.04073	18.44771	18.96311	18.515032
ENSMUSG Seh1l	21.53824	20.88872	19.74187	16.40764	16.13264	15.201548
ENSMUSG Pigf	6.484541	6.506393	6.764683	6.678046	4.984708	4.56109
ENSMUSG Spint2	159.7664	136.1	118.1727	126.9191	141.1848	140.48066
ENSMUSG Cript	24.93124	26.96672	25.39228	25.88916	24.95954	23.20529
ENSMUSG Nhirc1	3.387681	4.257497	3.277833	2.69194	2.020493	2.494222

ENSMUSG Cfhr2	0.134932	0.211324	0.081528	0.277878	0.438097	0.60559
ENSMUSG Acta2	71.77648	59.57143	67.19281	95.71811	106.9885	102.3986
ENSMUSG Cstf1	7.363844	7.081872	7.331032	6.550812	6.954595	8.077815
ENSMUSG Pkia	7.968713	8.966507	7.884071	7.055873	5.967243	7.350998
ENSMUSG Aurka	0.990945	0.97964	1.028859	2.863854	3.133761	3.352051
ENSMUSG Fam210b	10.77487	11.66347	10.40305	11.0207	12.08726	11.238009
ENSMUSG E2f1	2.430925	2.6402	2.967794	3.441033	4.471419	3.864317
ENSMUSG Tram2	5.868394	5.867852	5.821271	8.379554	9.487764	7.87111
ENSMUSG Cir1	10.10164	11.35317	11.66913	10.67725	11.0588	9.174112
ENSMUSG Mapk1ip1	9.556351	8.928108	10.68125	8.106253	7.504836	8.341107
ENSMUSG Ydjc	1.052129	0.738271	0.87009	0.904869	1.189411	1.012851
ENSMUSG Enc1	5.638918	5.134782	5.764942	5.642245	5.347039	5.288599
ENSMUSG Cmtm2b	0	0.052605	0.01747	0	0	0
ENSMUSG Slc24a4	8.54838	9.03729	8.664137	5.878479	6.299178	6.301455
ENSMUSG Spag11b	0	0	0	0	0	0
ENSMUSG Olfr286	0	0	0	0	0	0
ENSMUSG Ii2	0	0	0.124192	0.085791	0	0.062469
ENSMUSG Spata5	3.129602	3.170748	3.090679	2.977392	3.070459	3.357578
ENSMUSG Trim32	7.039169	6.893503	7.086391	5.180043	6.168	5.975074
ENSMUSG Dcun1d4	6.997112	7.26117	5.86314	4.942124	5.173271	5.359565
ENSMUSG Pcdhb6	0.142095	0.401498	0.151359	0.178449	0.229598	0.142499
ENSMUSG Agrp	1.237149	0.355428	1.04241	0.801399	0.872295	0.975817
ENSMUSG Slc7a7	7.624416	10.20891	8.110069	10.36756	11.3815	11.383332
ENSMUSG Oxa1l	18.7599	19.06363	18.84085	19.18981	18.55775	19.008006
ENSMUSG Fbxl19	6.312569	5.926734	7.22916	6.4236	5.920851	6.828132
ENSMUSG Rnf40	14.94205	14.46103	14.50953	14.31515	13.47328	13.483008
ENSMUSG Mterf1a	1.634934	2.219801	1.41108	1.780675	1.87779	1.870086
ENSMUSG Bcl7c	13.1706	8.579291	9.889574	10.17964	12.02449	12.60288
ENSMUSG Phkg2	12.7658	11.85464	15.09264	12.87173	11.14797	11.987177
ENSMUSG Hipk4	0.273279	0.404184	0.471784	0.347695	0.19282	0.227763
ENSMUSG Cdh18	0	0	0	0	0	0
ENSMUSG Rc3h1	8.643649	9.627672	7.937874	7.778669	8.225919	8.151514
ENSMUSG Fbl	21.12126	23.22303	26.11225	24.3571	22.2684	26.815792
ENSMUSG Pramef8	4.692401	4.308941	4.385762	3.8031	3.794687	3.703571
ENSMUSG Hectd3	16.54197	15.17027	15.27481	12.28308	13.4944	13.725935
ENSMUSG Chit1	0	0	0	0	0	0
ENSMUSG Elobl	0	0	0	0	0	0
ENSMUSG Syt2	0.051115	0.086316	0.021808	0	0.012674	0.046241
ENSMUSG Kih12	5.704201	6.105438	5.888037	4.400717	5.24392	5.113677
ENSMUSG Adipor1	56.31511	56.32564	58.93362	49.66077	53.36531	51.598491
ENSMUSG Cyb5r1	18.04504	15.9934	17.64846	13.1972	18.75963	14.791463
ENSMUSG Myog	0	0	0	0	0	0.034004
ENSMUSG Ppfia4	0.819452	0.673803	1.130369	1.640095	1.194345	1.746233
ENSMUSG Vpreb2	0	0	0	0	0	0
ENSMUSG Cdyl	6.296923	5.282413	6.178403	4.196704	5.079755	3.894053
ENSMUSG Sav1	40.22069	42.55995	44.42837	32.31723	35.0027	30.9035
Mus_musc Mus_musc	0.376063	0	0	0	0	0.237852
Mus_musc Mus_musc	0	0	0.081119	0	0.186692	0
ENSMUSG Olfr564	0	0	0	0	0	0
ENSMUSG Cbx6	24.6544	23.98539	23.74504	19.79502	21.103	19.888545
ENSMUSG Olfr275	0	0	0	0	0	0
ENSMUSG Olfr101	0	0.008242	0	0.030817	0.038458	0
Mus_musc Mus_musc	0.203605	0	0	0	0	0
ENSMUSG Musk	0	0.013483	0.056279	0.090568	0.031752	0.031649
ENSMUSG St6galnac2	12.36477	12.80442	13.60166	13.37868	13.25458	14.138433
ENSMUSG Wnt11	4.090536	4.232127	3.024952	2.912773	3.812609	3.596461
ENSMUSG Ncf1	13.81959	13.02927	15.62763	42.35433	37.34201	46.317568
ENSMUSG 4921511M	0	0	0	0	0	0
ENSMUSG Gm20738	0	0	0	0	0	0
ENSMUSG Gm20931	0	0	0	0	0	0
ENSMUSG Mmgt1	12.44507	12.8558	11.54224	10.9087	11.24647	11.593445
ENSMUSG Gm3187	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.358559	0	0	0	0.099126
Mus_musc Mus_musc	0	0	0.204577	0	0	0

Mus_musc Mus_musc	2.233607	1.627174	1.584279	0.792667	1.114596	0.781964
Mus_musc Mus_musc	0.213814	0.190674	0.656045	0.054202	0.187596	0.071818
Mus_musc Mus_musc	0.194858	0.337401	0.213404	0.206617	0.23436	0.320618
Mus_musc Mus_musc	0.076334	0.22934	0.089505	0.195024	0	0
Mus_musc Mus_musc	0.146219	0.059792	0	0.138151	0.167799	0.132437
Mus_musc Mus_musc	0	0	0.124026	0	0.264352	0.221226
ENSMUSG Vmn1r201	0	0	0	0	0	0
ENSMUSG Pla2g1b	19.36879	21.30704	17.90445	18.83747	12.6213	18.370806
ENSMUSG Ugt2a1	0	0	0	0.083149	0.021793	0
Mus_musc Mus_musc	0	0	0.081672	0	0	0
Mus_musc Mus_musc	1.167468	1.306425	1.911017	1.401259	1.510985	1.467424
Mus_musc Mus_musc	0	0	0.082969	0.141581	0.395478	0.088279
Mus_musc Mus_musc	0.421586	0	0.200056	0.245912	0.114472	0
Mus_musc Mus_musc	4.966755	3.603178	4.009892	4.143665	4.092828	3.819496
Mus_musc Mus_musc	0	0	0	0.059675	0	0
Mus_musc Mus_musc	0.545019	0.578473	0.482053	0.286944	0.402847	0.200203
ENSMUSG Gm10668	0	0	0	0	0	0
ENSMUSG Gm5725	0	0	0	0	0	0
ENSMUSG Olfr936	0	0	0	0	0	0
ENSMUSG Gm3005	0	0.004467	0	0	0.014324	0
Mus_musc Mus_musc	0.096164	0.649814	0.454943	0.330465	0.115591	0.358154
ENSMUSG Olfr1461	0	0	0	0	0	0
ENSMUSG Zfp967	1.109027	1.771549	1.02095	0.309872	1.254022	1.134207
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gm9803	0.484774	0.379195	0.576273	0.478158	0.764178	0.196291
ENSMUSG Ano6	40.4345	37.2426	38.07163	33.2536	33.10841	35.75422
ENSMUSG Defa24	0	0	0	0	0	0
ENSMUSG Ifi27	75.78118	62.80055	76.99933	61.9544	48.14306	63.024565
ENSMUSG Gm10762	1.481406	1.52559	1.46785	1.788219	1.584187	1.554874
Mus_musc Mus_musc	0	0	0.052558	0.102987	0.248923	0.380654
ENSMUSG Gm9936	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0.052899	0	0.213096	0.089391	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.070543	0.024079	0.033653	0.262642	0.066198	0.259891
ENSMUSG F930015N	0	0.006754	0.001532	0.068896	0.062163	0.045269
ENSMUSG Fthl17d	0	0	0	0	0	0
ENSMUSG Gm10377	0	0	0	0	0	0
ENSMUSG Nrarp	23.30658	16.5277	23.30383	13.78327	15.93067	17.327703
ENSMUSG Tmem203	10.57429	8.228082	9.861005	9.065549	9.445107	8.432451
Mus_musc Mus_musc	0.637649	0.71037	0	0.830294	0	0
ENSMUSG Grid2ip	0	0	0.01084	0	0	0
Mus_musc Mus_musc	0.049115	0	0	0.264655	0.25883	0
ENSMUSG Fthl17b	0	0	0	0	0	0
ENSMUSG Wnt2	5.022232	5.566903	5.822566	5.327827	3.875501	3.593878
ENSMUSG Asz1	0.121527	0	0.042234	0	0.096787	0
ENSMUSG Gm10097	0	0	0	0.045004	0	0
ENSMUSG Cd36	396.9198	397.177	385.7209	351.4958	414.1009	355.52333
ENSMUSG Olfr944	0	0	0	0	0	0
ENSMUSG Olfr1282	0	0	0	0	0	0
ENSMUSG Timm44	13.2653	12.1719	13.01356	11.88681	11.82649	13.744769
ENSMUSG Map2k7	19.8742	20.2881	19.97258	17.50037	17.97611	16.776391
ENSMUSG Ckap2	0.270336	0.365689	0.471106	1.213415	1.608017	1.918932
ENSMUSG Ceacam10	0.25951	0.088345	0.159587	0.172854	0.170649	0.052725
ENSMUSG Avp	0	0	0	0	0	0
ENSMUSG Tmem33	14.06841	19.33584	16.88646	14.62866	15.08181	16.117096
ENSMUSG Gnpnat1	1.717127	1.819379	2.454696	2.18801	2.924625	2.577442
ENSMUSG Nkx2-4	0	0	0	0	0	0
ENSMUSG Fam83e	0.723546	0.80174	0.354022	2.500136	1.652946	2.693946
ENSMUSG Spock3	0.117365	0.059005	0.11331	0	0.032369	0
ENSMUSG Ap4m1	5.751782	5.969776	5.36219	5.749674	5.938161	6.090463
ENSMUSG Gm21797	0	0	0	0	0	0
ENSMUSG Gm20906	0	0	0	0	0	0
ENSMUSG Gm20594	0	0	0.016555	0	0	0

ENSMUSG Shisa8	0.136446	0.144238	0.105161	0.540741	0.488372	0.419508
ENSMUSG Smok3b	0	0	0	0	0	0
ENSMUSG Fam155a	0	0	0	0	0	0
ENSMUSG Rab11fip3	10.42553	11.03559	10.91596	9.071228	8.289518	9.352444
ENSMUSG Lrg1	26.75121	22.36619	30.54163	34.97923	38.70392	43.579536
ENSMUSG Nolc1	12.53809	12.69879	12.29519	11.51257	11.76184	11.630147
ENSMUSG Pls1	7.280728	7.247478	6.031683	4.769378	4.997531	5.939731
ENSMUSG Olfr690	0	0	0	0	0	0
ENSMUSG Gpa33	0	0.049155	0	0.262373	0.142005	0
ENSMUSG Gm20683	1.073108	0.713929	1.577171	0.491665	0	0.584486
ENSMUSG Tnfaip8	7.338389	10.41202	9.333009	19.84171	18.89589	20.978521
ENSMUSG Cacna1h	0.030592	0.090911	0.06078	1.190843	1.385218	1.195727
ENSMUSG Ccnb1	0.399633	0.634224	0.519365	2.52617	3.589083	3.533134
ENSMUSG Gm2888	0	0	0	0	0	0
ENSMUSG BC035947	0	0	0	0	0	0
ENSMUSG Gm17416	0	0	0	0	0	0
ENSMUSG Utp4	8.405357	8.606331	7.634203	6.852093	8.039356	7.63566
ENSMUSG Mfsd6	15.27677	15.65377	14.5667	12.93183	12.56547	12.318158
ENSMUSG H2a1d	0	0	0	0	0	0
ENSMUSG Vmn1r155	0	0	0	0	0	0
ENSMUSG AL732309	3.800152	2.408828	3.877074	4.678118	0.363375	2.162974
ENSMUSG Ankrd28	4.057773	4.527278	4.076888	4.696732	5.181406	4.780876
ENSMUSG Cpb1	0.068696	0.158056	0.136367	0.158779	0.097674	0.059701
ENSMUSG Ankrd52	9.323533	8.897562	8.799511	9.185955	9.881207	9.995332
ENSMUSG Crybg3	12.32671	12.52903	12.10332	8.508755	9.384227	8.392074
ENSMUSG Arl6	5.861162	5.965984	5.010224	5.200478	4.850615	4.967932
ENSMUSG Trmt2a	14.03791	13.94427	15.09509	13.90748	12.5024	13.13668
ENSMUSG Riox2	3.735708	3.591876	3.276752	4.88002	4.365324	4.427784
ENSMUSG Ttk	0.145128	0.071564	0.314071	0.802774	1.001385	1.104829
ENSMUSG Trp53inp2	60.66219	64.08431	50.502	58.54243	61.17825	56.961697
ENSMUSG Rbm8a	16.31382	18.61959	19.53325	16.43397	13.31961	13.710001
ENSMUSG Gmds	4.154364	4.283726	4.098945	5.103864	5.034371	5.417151
ENSMUSG Sbf2	15.36808	15.33766	14.4036	11.28654	12.21982	10.97691
ENSMUSG Pcp4l1	18.55621	24.09157	14.19819	17.16575	16.43076	17.375875
ENSMUSG Pgam2	2.608712	8.997333	2.954371	4.412345	3.634055	4.239354
ENSMUSG Polm	3.493179	2.653233	3.593129	3.728523	3.242758	3.273176
ENSMUSG Mrps24	22.64941	19.22197	21.56398	22.16248	23.41976	26.856779
ENSMUSG Dbnl	48.50825	47.98007	55.67713	59.8044	51.73094	56.347648
ENSMUSG Pold2	9.203659	9.04106	10.1706	9.560264	10.34339	10.728531
ENSMUSG Aebp1	17.32421	18.74858	12.88348	12.12248	11.89418	13.351098
ENSMUSG Zkscan17	10.87166	9.707491	9.115278	8.188192	9.121891	8.868399
Mus_musc Mus_musc	0	0	0.199178	0	0.295596	0.13416
Mus_musc Mus_musc	0.059906	0.140263	0.107205	0.136226	0	0.129816
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.124529	0.121311	0.021482	1.526201	0.624713	1.521834
ENSMUSG Gm45140	0.240896	0.117288	0.445252	0.232789	0.960994	0.078804
ENSMUSG Ccdc177	0.00981	0.027736	0.017201	0.017808	0.019397	0.03065
ENSMUSG Kdr	112.9431	101.8578	100.5586	61.33325	58.1779	60.353626
ENSMUSG Ufc1	31.08107	29.75313	31.92403	37.71574	37.24737	41.541383
ENSMUSG Cpt2	8.505257	10.06237	7.873586	8.339973	8.60188	8.388473
ENSMUSG Tnfrsf8	0.138573	0.086149	0.239752	0.711105	0.574322	0.692778
ENSMUSG Scp2	68.50777	74.79075	66.78171	74.09483	69.57015	74.551105
ENSMUSG Podn	13.10731	18.28486	10.69662	12.77104	10.48123	14.681827
ENSMUSG Echdc2	14.52354	13.45936	15.55723	11.03063	9.470264	11.973072
ENSMUSG 0610037L1	11.0449	9.830004	13.13894	11.21696	8.559833	10.303466
ENSMUSG Magoh	29.16512	25.20883	31.98154	32.62929	25.40448	28.534628
ENSMUSG Babam2	15.17895	14.84033	13.54801	14.35292	13.61381	13.966059
ENSMUSG Akr1b7	1.102893	0.428437	0.830306	0.358221	0.235807	0.312009
ENSMUSG Otx1	0.146029	0.328758	0	0.278338	0.186558	0.286945
ENSMUSG Sema5b	0.021938	0.034452	0	0.050527	0.023829	0.035603
ENSMUSG Foxo6	1.096478	1.483198	0.936029	0.96025	0.809452	0.69871
ENSMUSG Rbm12b2	5.223679	6.708498	5.777459	4.849595	5.052037	4.816916
ENSMUSG Nudt6	2.221228	1.645733	2.266467	1.425417	2.292297	3.066463
ENSMUSG Tbc1d5	6.361455	5.958586	5.862985	6.725804	6.048233	6.597634

ENSMUSG Mut	16.16692	17.85012	15.41928	14.02026	15.09781	14.287743
ENSMUSG Rhag	0	0	0	0.022245	0	0
ENSMUSG Satb1	3.69321	3.130775	5.177171	3.071511	2.808684	2.911538
ENSMUSG Ahctf1	13.04695	14.34678	12.61504	11.00989	10.61512	11.019291
ENSMUSG Edc3	10.63643	10.00508	10.95948	7.177477	7.809511	7.958781
ENSMUSG Supt3	3.396411	4.007078	3.500463	3.147292	2.87353	3.036508
ENSMUSG Hps1	4.432549	3.377488	3.32624	4.775497	5.121553	4.820645
ENSMUSG Cnm1	0.031693	0	0	0	0	0
ENSMUSG Sp2	10.97996	10.63279	11.44932	9.380125	8.48167	9.063284
ENSMUSG Slc25a39	44.31592	40.26543	42.12724	43.37102	48.18823	46.094708
ENSMUSG R3hcc1l	6.753812	6.537939	6.795162	5.644522	6.072609	5.958738
ENSMUSG Loxl4	0.48081	0.427591	0.393101	0.408459	0.653273	0.944711
Mus_musc Mus_musc	0.181067	0.214318	0	0.082174	0.292139	0.249419
ENSMUSG Cxcl17	12.41144	19.05451	7.925169	42.2749	38.1632	37.145702
ENSMUSG Lrrc10	0.039503	0.449853	0.030049	0.093101	0.072167	0
ENSMUSG Slc35e3	6.745284	7.733199	6.492058	6.395605	6.59126	6.232903
ENSMUSG Ttc16	0.965935	1.796873	0.976074	1.678244	1.436921	1.723188
ENSMUSG Cxcl11	0.022302	0.010168	0.060738	0.287829	0.062481	0.065538
ENSMUSG Serpinb9b	0.441091	0.364095	1.549118	0.616358	0.591814	0.581982
ENSMUSG Olfr659	0	0	0	0	0	0
ENSMUSG Wrnip1	22.31568	18.98986	18.66882	16.21238	16.75704	17.365726
ENSMUSG Olfr652	0	0	0	0	0	0
ENSMUSG Olfr653	0	0	0	0	0	0
ENSMUSG Olfr654	0	0	0	0	0	0
ENSMUSG Serpinb9c	0	0	0	0	0	0
ENSMUSG 9130008F2	1.077309	0.864253	0.819399	1.168037	1.068159	1.090606
ENSMUSG Ripk1	13.11014	10.86052	10.69004	10.55484	12.85166	12.976023
ENSMUSG Enpp3	0.142936	0.293888	0.121032	0.302697	0.31149	0.407006
ENSMUSG Nedd1	5.820195	5.810111	5.912526	6.046988	5.657084	5.570123
ENSMUSG Rnase12	0	0	0	0	0.07639	0
ENSMUSG Med23	6.872144	6.454513	6.291955	5.212006	6.350494	6.092393
ENSMUSG Arg1	0.929209	0.893991	0.578752	58.86229	106.1735	96.521088
ENSMUSG Ahi1	1.993863	2.300302	1.624853	1.613174	1.975233	1.805737
ENSMUSG Myb	3.197219	2.676773	2.219224	4.992409	4.794093	4.067333
ENSMUSG Gm37388	0	0	0	0	0	0
ENSMUSG Gm37389	0	0	0	0	0	0
ENSMUSG Atox1	43.40554	44.67339	50.88398	62.37868	60.1422	67.496941
ENSMUSG G3bp1	16.73224	16.78915	15.67163	16.05231	15.7003	17.03896
ENSMUSG Dnah11	0.983472	1.088729	0.641073	0.875759	0.999506	1.122612
ENSMUSG Glra2	0	0	0	0	0	0
ENSMUSG Rdh8	0	0	0	0	0	0
ENSMUSG Ubxn7	6.548797	7.060111	6.252602	5.50423	5.515473	5.180512
ENSMUSG Cldn5	301.9247	302.1946	403.0978	224.7331	235.755	232.58978
ENSMUSG Ifit57	7.30604	8.559225	7.470214	8.785489	7.930979	7.573589
ENSMUSG Fkbp1a	182.0604	176.231	201.3723	134.4209	135.9623	134.04527
ENSMUSG Inha	0.540256	0.494836	0.855332	0.275594	0.447049	0.585525
ENSMUSG Olfr508	0	0	0	0	0	0
ENSMUSG Chadl	0.939306	0.483676	0.6119	0.507095	0.485591	0.397915
ENSMUSG S100a7a	0.280284	0.462928	0.232947	0.247429	0.511508	0.165192
ENSMUSG Rnf217	2.515691	2.550201	2.143263	1.647584	1.707931	1.685782
ENSMUSG Fshb	0	0	0	0	0	0
ENSMUSG Ffar4	8.127692	7.292359	5.609214	7.854588	5.609951	8.870954
ENSMUSG Ifi205	2.43831	3.053673	4.442617	4.004509	3.138448	3.064598
ENSMUSG Alkal2	0	0.067812	0	0	0.027255	0
ENSMUSG Gzmm	1.135055	1.10894	0.652905	0.746228	0.650036	0.64916
ENSMUSG Amigo2	9.765626	10.19525	7.879032	7.067851	5.98801	6.721
ENSMUSG Rbm47	5.476777	5.809187	5.051626	7.549017	7.916259	8.871253
ENSMUSG Nags	0.137268	0	0.024824	0.837646	0.592941	0.543023
ENSMUSG Fancl	2.609358	2.636924	2.807239	2.827736	2.830288	2.798196
ENSMUSG Pank1	3.863819	4.058934	2.979055	3.518869	4.22874	3.864809
ENSMUSG Cplx1	0.043293	0.230371	0.078101	0.04579	0.030277	0.075391
ENSMUSG Map3k13	1.284314	1.386889	1.032611	1.3682	1.319178	1.374828
ENSMUSG Itih1	0.327115	0.387556	0.289338	0.906445	0.60989	0.480758
ENSMUSG Sfmbt1	3.840597	3.549392	3.20281	3.81877	3.984373	3.829814

ENSMUSG Tmem110	11.27611	12.32263	11.78147	10.23653	10.89149	11.997399
ENSMUSG Itih3	0.123805	0.150138	0.453511	0.275332	0.338442	0.258735
ENSMUSG Spp2	0.135518	0.061506	0	0	0	0
ENSMUSG Gm14525	0	0	0	0	0	0
ENSMUSG 4930590J0	0	0	0	0.078884	0	0.023274
ENSMUSG Gm5615	0	0	0	0	0	0
ENSMUSG Farp2	4.907558	4.684187	3.161851	4.253096	4.373488	3.412952
ENSMUSG Poglut1	12.35141	11.77358	11.75292	10.72414	11.42871	11.539556
ENSMUSG Gm15292	0	0	0	0	0	0
ENSMUSG Gm10521	0.257064	0.239797	0.292193	0.591344	0.622308	0.842434
ENSMUSG Defa22	0	0	0	0	0	0
ENSMUSG Ifi207	1.232205	1.514616	2.20829	2.655958	2.392084	2.793496
ENSMUSG AA792892	0	0	0	0	0	0
ENSMUSG Defa30	0	0	0	0	0	0
ENSMUSG Defa21	0	0	0	0	0	0
ENSMUSG Defa23	0	0	0	0	0	0
ENSMUSG Nr3c2	3.907311	3.791823	2.991541	2.382675	2.372079	2.364236
ENSMUSG Hpgd	318.5732	323.8311	344.2965	169.0056	194.8035	155.64212
ENSMUSG Scrg1	0.395403	0.412006	0.262092	0	0.090679	0.220497
ENSMUSG Tmem184c	8.582907	7.972228	7.997472	10.82581	10.70676	10.300888
ENSMUSG Ednra	15.10385	15.73635	16.10351	13.16465	12.86385	11.867615
ENSMUSG Trmt61a	2.326193	1.975016	2.578451	3.953417	2.879774	3.801978
ENSMUSG Ercc1	8.12802	9.130758	10.21292	6.68836	7.521369	6.483234
ENSMUSG Slirp	4.971667	6.350931	9.727627	7.40736	7.026907	6.278869
ENSMUSG Prmt5	10.57507	11.19697	10.05974	10.24036	9.165902	8.746836
ENSMUSG Klc4	15.79131	15.2831	14.7129	16.69599	15.40178	19.458449
ENSMUSG Fosb	15.11767	0.931401	1.199469	0.372222	0.137082	0.353725
ENSMUSG Lif	0.815016	0.385718	0.669178	0.687222	0.500694	0.78398
ENSMUSG Fbxo15	0.10024	0.111708	0.14078	0.125405	0.237716	0.093766
ENSMUSG Cmip	26.99632	24.72521	22.89169	26.08291	27.06668	28.443287
ENSMUSG Apc	14.81095	17.07541	12.64216	14.08755	14.48362	13.145292
ENSMUSG Reep5	48.71531	48.919	48.04736	39.55278	41.52118	43.009331
ENSMUSG Slc10a4	0	0	0	0	0	0
ENSMUSG Tec	3.62512	4.113183	3.960681	8.351172	8.644354	8.694453
ENSMUSG Gabrb1	0.012497	0.019669	0.025764	0.023017	0.02256	0.060363
ENSMUSG Commd8	9.409582	10.55002	9.950839	9.077678	9.961803	9.421099
ENSMUSG Gabra4	0.225885	0.266548	0.398735	0.204516	0.199281	0.219248
ENSMUSG Prss33	0	0	0	0	0.030186	0
ENSMUSG Tifab	7.521375	6.234319	11.26313	18.47422	17.38268	17.045914
ENSMUSG Ppp5c	36.20621	36.22749	36.15941	30.55807	33.1047	31.322689
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.446859
ENSMUSG Arid1b	7.656113	8.18389	7.418876	7.49328	8.158656	8.33017
Mus_musc Mus_musc	0	0	0.242064	0.466078	0.194335	0
ENSMUSG Krtap3-3	0	0	0	0	0	0
ENSMUSG 4930572O	0.111307	0	0	0.37572	0.666176	0.365221
ENSMUSG Krtap3-2	0	0	0	0	0	0
Mus_musc Mus_musc	1.438449	1.168338	0.865975	1.071576	0.652383	1.112821
Mus_musc Mus_musc	0	0	0	0.131219	0.207917	0.227348
ENSMUSG Cct4	47.82803	52.65122	51.28879	49.64124	50.59173	51.04292
ENSMUSG Ferd3l	0	0	0	0	0	0
ENSMUSG Golph3l	16.11876	16.01837	15.01612	15.89766	17.6222	15.525983
ENSMUSG B430306N	0.482501	0.618782	0.672109	1.881474	1.352538	1.839074
ENSMUSG Cox17	30.29649	29.0064	32.43832	30.92088	30.20811	23.072483
ENSMUSG Smim6	0.972457	0.642955	0.499381	1.767385	1.586694	1.758809
ENSMUSG Gm13547	0	0	0.129992	0	0.115713	0
ENSMUSG Olfr288	0	0	0	0	0	0
ENSMUSG Nutf2	25.77928	23.14241	29.52218	18.90235	24.86233	21.87911
ENSMUSG Dhx8	10.32871	10.32454	10.43027	9.140797	10.23011	9.730655
ENSMUSG Rtkn	9.806408	10.02887	9.799833	8.930767	8.356919	9.725539
ENSMUSG Mrpl54	17.59775	18.3209	21.277	23.81947	19.41137	23.873161
ENSMUSG Arl4d	53.7891	58.74834	74.40086	23.01055	34.08918	27.46641
Mus_musc Mus_musc	0	0.244064	0	0.569668	0.09132	0.43224
Mus_musc Mus_musc	0.678305	0.589296	0.507638	0.552362	0.65868	0.655146

Mus_musc Mus_musc	0	0.194359	0	0	0	0	0
Mus_musc Mus_musc	0.188031	0	0	0	0	0	0
Mus_musc Mus_musc	0.117651	0	0.234057	0.113013	0	0	0
ENSMUSG Sprr2a2	0	0.019861	0	3.800605	3.739047	4.103964	
ENSMUSG Lce1a2	0	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.070761	0.135802	0	0	0	0
ENSMUSG Grap	63.24407	55.92634	59.87156	43.09324	46.74577	38.099236	
Mus_musc Mus_musc	0.08127	0.247461	0.168532	0.241923	0.195178	0.210037	
Mus_musc Mus_musc	0.335363	0.146293	0.248285	0	0.087285	0	0
Mus_musc Mus_musc	0	0	0	0	0	0	0
ENSMUSG 1700029I1	0.71772	0.875367	0.705678	0.319311	0.5702	0.607099	
ENSMUSG Syt16	0	0	0	0	0	0	0
ENSMUSG Zfp59	2.443944	2.080369	2.268607	2.105343	2.334415	2.249457	
ENSMUSG 9530053A	0.27355	0.315261	0.212974	0.433195	0.368825	0.369512	
ENSMUSG Rad54b	0.093023	0.353683	0.06316	0.473202	0.348053	0.791285	
ENSMUSG Gm12353	0.209078	0.256961	0.127012	0.217024	0	0.159578	
ENSMUSG Evi2a	3.572151	2.680339	4.166657	16.99836	15.90982	15.186622	
Mus_musc Mus_musc	0	0	0	0	0	0.272275	
Mus_musc Mus_musc	1.603674	4.508884	3.171199	3.16223	2.445629	4.266455	
Mus_musc Mus_musc	0.099419	0	0.1301	0.522048	0.133045	0	0
Mus_musc Mus_musc	0.079605	0	0.352053	0	0.311722	0	0
Mus_musc Mus_musc	0	0	0	0	0	0	0
Mus_musc Mus_musc	1.642086	1.778688	1.510132	1.76945	2.064467	3.112757	
ENSMUSG Lamtor5	36.65312	35.1825	42.11638	34.9648	37.58353	38.654396	
Mus_musc Mus_musc	0.744747	0.700913	0.435474	0.577674	0.732756	0.983111	
ENSMUSG Olfr412	0	0	0	0	0	0	0
ENSMUSG Olfr25	0	0	0	0	0	0	0
ENSMUSG Hemk1	4.399395	4.144105	4.836452	5.251882	4.489218	4.874759	
ENSMUSG Cish	12.29509	9.303928	12.79281	13.524	15.24141	16.000942	
ENSMUSG Aldoa	0.908322	0.528145	0.518138	0.501021	0.135094	0.767317	
ENSMUSG Col6a4	0.225696	0.126158	0.078016	0.11365	0.079977	0.121616	
ENSMUSG Pik3r4	9.840564	8.622402	9.195784	7.464507	9.225373	8.362943	
ENSMUSG Atp2c1	25.26193	26.49085	24.30159	22.43378	24.41192	22.434786	
ENSMUSG Mapkapk3	10.3879	12.02686	10.44028	17.47316	18.42889	21.333881	
ENSMUSG Manf	28.57672	32.7845	40.03172	56.12835	57.9511	58.51699	
ENSMUSG Ii7	0.988774	0.77943	0.635624	0.856182	0.797645	0.667025	
ENSMUSG Olfr56	0.220683	0.53809	2.754659	1.69301	0.446086	0.283656	
ENSMUSG Cul9	4.28644	4.160041	3.400387	3.333395	3.430115	3.762137	
ENSMUSG Dcaf1	10.38085	10.32381	9.748928	7.876852	8.728646	7.985772	
ENSMUSG Slc25a24	13.70955	12.72681	13.2851	11.4364	12.48529	12.324213	
ENSMUSG Zfp770	3.609066	3.666568	3.431918	2.577665	2.586818	2.303228	
ENSMUSG Grem2	15.35099	15.85749	13.31636	9.884892	10.41494	10.042872	
ENSMUSG Tceal7	0	0	0.052021	0.10484	0	0.110208	
ENSMUSG Mroh2a	0.655524	0.671599	0.555002	0.643462	0.584586	0.712198	
ENSMUSG Psm8	36.9321	31.73053	95.50084	71.31509	49.95035	59.577998	
ENSMUSG Tap2	26.29299	23.3172	58.03711	35.00366	24.64697	28.00792	
ENSMUSG Gm3259	0	0	0	0	0	0	0
ENSMUSG Arpc4	42.70564	39.66808	44.41599	44.93692	47.83345	47.195395	
ENSMUSG Mthfsl	12.34261	11.86443	12.35657	17.72296	16.92687	15.617711	
ENSMUSG 4930402FC	0.063865	0	0	0	0	0.017452	
ENSMUSG Col11a2	0.308859	0.372072	0.480915	0.419106	0.573551	0.426184	
ENSMUSG Dsc2	0.156585	0.384582	0.073036	0.994203	0.474035	0.704406	
Mus_musc Mus_musc	0	0	0	0	0	0.212523	
ENSMUSG Cilp2	0.084688	0.100083	0.061638	0.065589	0.067251	0.130775	
ENSMUSG Calcr1	310.4722	332.5265	328.2621	201.6528	216.2252	181.22635	
ENSMUSG Gls2	0.157485	0.178375	0.192851	0.035997	0.159701	0.183014	
ENSMUSG Uba1	56.47807	51.93563	55.71074	52.06542	52.81168	55.637032	
ENSMUSG Nsmce2	9.034046	11.02825	8.493095	9.161188	9.011224	8.413147	
Mus_musc Mus_musc	0	0.154309	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186	
ENSMUSG Patj	11.85934	11.54693	10.02645	7.964479	7.669427	8.117397	
ENSMUSG Zfp980	0	0	0	0	0	0	0
ENSMUSG Gcn111	16.059	14.41207	15.72536	13.84158	13.75964	13.340704	
ENSMUSG Mmel1	0.05689	0.251799	0.181558	0.074824	0	0.157578	

ENSMUSG Mrps27	7.014772	5.197276	5.349721	5.107454	5.052456	5.975942
ENSMUSG Kctd12b	5.537988	5.49951	4.291334	5.299686	5.5099	4.943923
ENSMUSG Olfr746	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.374928	0
Mus_musc Mus_musc	0.122807	0.203664	0	0.498578	0.345032	0.094755
ENSMUSG Scml2	0.097354	0.114162	0.092478	0.113846	0.083967	0.135242
Mus_musc Mus_musc	0.258064	0.238457	0	0.521718	0.407727	0.347216
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.153615	0	0.41963	0	0	0
ENSMUSG Krtap8-1	0	0	0	0	0	0
ENSMUSG Cyp2b13	0	0.023455	0	0	0.040425	0
ENSMUSG Ofd1	2.656984	2.544492	2.325486	2.587296	2.779417	2.78555
ENSMUSG Clec4a4	0.254666	0.13164	0.126267	0.185901	0.146274	0.102537
ENSMUSG Abcb1a	12.66385	14.64683	11.1886	6.53071	8.133989	7.183465
ENSMUSG Olfr1199	0	0	0	0	0	0
ENSMUSG Rptn	0.148756	0.388974	0.045881	0.119536	0.072948	0.132298
ENSMUSG Elmod1	1.730755	2.259994	1.003954	1.769955	2.569976	2.328171
ENSMUSG Gpr82	0.198348	0.292675	0.121915	0.072547	0.210692	0.180055
ENSMUSG Pdha2	0	0	0	0	0	0
ENSMUSG Rps8	346.2486	385.2239	319.4843	404.2915	424.5222	430.16376
ENSMUSG Tctex1d4	7.030035	6.954791	4.404542	11.85731	11.91361	10.262179
ENSMUSG Nccrp1	0.075912	0.07694	0.121639	1.853823	1.275508	1.850645
ENSMUSG Tyw3	1.017393	1.22354	1.31783	0.820712	0.957989	0.865009
ENSMUSG A730046J1	0	0.026128	0.009009	0	0	0.046017
ENSMUSG R3hdm4	30.15608	27.90234	29.11419	29.10826	30.52585	32.251889
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Fam160a1	5.75576	5.003524	4.773617	3.739685	3.68207	4.352906
ENSMUSG S100a8	22.13664	20.87017	25.2855	15.66038	9.491731	9.267675
ENSMUSG Sag	0.111572	0.205297	0.203038	0.097182	0.08254	0.096433
ENSMUSG Utp20	3.384399	3.288463	2.902123	3.278394	3.224789	3.971048
ENSMUSG Mia3	47.83075	47.01728	47.11241	54.403	53.29793	47.523017
ENSMUSG Gatd1	8.770845	8.059107	8.317583	10.72666	9.344421	9.620625
Mus_musc Mus_musc	0.131498	0.173733	0	0	0.102703	0
ENSMUSG Spic	0.230693	0.355095	0.274629	0.395213	0.315672	0.273511
ENSMUSG Dnajb1	28.17223	44.52529	45.18499	22.3423	26.90232	36.049608
ENSMUSG Sprr2a3	0	0.110053	0	19.00369	5.325907	21.359219
ENSMUSG Aadacl3	0	0	0	0	0	0
ENSMUSG Zfp600	0.024703	0.017853	0	0.006222	0	0
ENSMUSG Zfp979	1.269393	1.344882	1.360609	1.601922	1.440211	1.638434
ENSMUSG Zfp987	0.017541	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.196065	0	0
Mus_musc Mus_musc	6.715284	6.681111	8.162787	7.712316	7.595615	7.000001
Mus_musc Mus_musc	0.141437	0.240193	0.219655	1.415759	1.446582	1.346032
Mus_musc Mus_musc	0.02854	0.070476	0.117156	0.575523	0.442603	0.211021
Mus_musc Mus_musc	0.828419	1.351403	0.969299	1.299526	0.993394	1.640756
Mus_musc Mus_musc	3.532564	3.93342	3.768728	4.042312	3.76444	4.120087
Mus_musc Mus_musc	0	0	0.110826	0	0.310055	0.29879
Mus_musc Mus_musc	0	0	0	0.183331	0.165343	0
ENSMUSG Gm21798	0	0	0	0	0	0
ENSMUSG Gm20909	0	0	0	0	0	0
ENSMUSG Olfr819	0	0	0	0	0	0
ENSMUSG Gm3893	0	0	0	0	0	0
ENSMUSG Tapt1	19.32559	21.51186	19.08247	16.34079	17.87968	17.715408
ENSMUSG Gm6164	0	0	0	0	0	0
ENSMUSG Tshz1	9.582821	9.895518	8.352603	7.482572	8.028992	7.945442
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.264619	0	0	0	0	0
Mus_musc Mus_musc	6.315934	20.5646	17.95048	16.29101	16.23183	16.692516
Mus_musc Mus_musc	0.141921	0.317794	0	0.475929	0	0.262362
Mus_musc Mus_musc	0.082831	0.406766	0.525513	0.219519	0.124462	0.373145
Mus_musc Mus_musc	0	0.121506	0	0.028311	0	0.107076
ENSMUSG Epn2	40.58349	39.18431	38.19228	23.72056	25.54606	23.869196
ENSMUSG Olfr888	0	0	0	0	0	0

ENSMUSG Ebf1	2.433323	1.968456	2.383698	2.042253	2.064206	1.92118
ENSMUSG Olfr834	0	0	0	0	0	0
ENSMUSG Gm8298	0	0	0	0	0	0
ENSMUSG Gm20877	0	0	0	0	0	0
ENSMUSG Zfp607b	0.319678	0.513797	0.412947	0.243781	0.359156	0.391992
ENSMUSG Fxyd3	1.066381	1.486579	0.743393	2.762545	0.989168	1.534349
ENSMUSG Gm10375	0	0	0	0	0	0
Mus_musc Mus_musc	1457.368	2244.198	2274.619	2496.669	2404.56	1935.6777
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	7.121025	10.34966	5.072638	3.425495	4.680537	5.278585
Mus_musc Mus_musc	0	0	0.739948	0	0	0
ENSMUSG Ppme1	16.79282	16.43642	16.27035	13.72319	12.87092	13.390043
Mus_musc Mus_musc	0	0	0	0.329669	0	0
Mus_musc Mus_musc	3.324868	1.510607	1.732241	1.58919	1.8067	1.792767
Mus_musc Mus_musc	1.185122	1.397113	0.949837	1.494855	1.033344	0.965141
Mus_musc Mus_musc	0.821836	0.836359	0.611833	0.87483	0.681944	0.6686
Mus_musc Mus_musc	0.157911	0.711363	0.182859	1.045006	0.767031	0.510868
Mus_musc Mus_musc	3.142327	3.091815	3.55593	2.289991	1.680507	1.893288
ENSMUSG Smbd1	0	0.133856	0	0.217328	0	0.278585
ENSMUSG Cdh20	0	0	0	0	0	0
ENSMUSG Zfp623	6.514465	7.201482	6.796521	5.628855	5.47333	5.194593
ENSMUSG 1700020N	0	0	0.095444	0.35344	0.065395	0.131289
Mus_musc Mus_musc	0	0	0	0.534498	0.292145	0.234005
Mus_musc Mus_musc	0.859215	0.442155	0.102961	0.230391	0.207405	0.177919
Mus_musc Mus_musc	0.440524	0.673799	1.584273	0.423997	0.344152	0.60042
Mus_musc Mus_musc	0	0	0.180639	0.529467	0.537196	0.707956
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Ppp2r3d	41.00892	31.09213	38.27837	31.97258	32.26502	34.745883
ENSMUSG Asmt	0	0	0	0	0	0
ENSMUSG Olfr1303	0	0	0	0	0	0
Mus_musc Mus_musc	0.29614	0.029468	0.474548	0.095762	0.108872	0.512469
ENSMUSG 4933402N	0	0	0	0	0	0
ENSMUSG Gm28778	0.230417	0	0	0	0	0
ENSMUSG Nup50	9.923451	10.17797	9.542412	10.75963	11.70008	11.827355
ENSMUSG Romo1	16.95529	22.16627	24.05128	27.04492	19.39922	20.671991
Mus_musc Mus_musc	0.092273	0	0.451461	0.202708	0	0
ENSMUSG Fto	19.09674	19.03858	16.98636	14.73846	15.23044	14.591296
ENSMUSG Gm9268	0	0	0	0	0	0
ENSMUSG Krt28	0	0.028958	0.079118	0	0	0
ENSMUSG Tbc1d9b	29.70051	29.14115	27.50712	26.41536	29.34099	27.718008
ENSMUSG Olfr6	0	0	0	0	0	0
ENSMUSG Man1b1	24.55528	24.40919	25.19358	28.88748	31.26786	30.178997
ENSMUSG Ccdc148	0.13499	0.176492	0.076483	0.110024	0.257532	0.263899
ENSMUSG Alg11	4.618271	4.735179	4.158469	4.087485	4.178969	4.026846
ENSMUSG Ankrd45	0.874999	0.718739	0.502851	0.775061	0.931099	0.991551
ENSMUSG Gm44790	0	0	0	0	0	0
ENSMUSG Reep2	0.693451	0.567844	0.235774	0.371524	0.570546	0.47175
ENSMUSG Fndc4	2.075263	2.240898	2.654083	2.083197	1.270369	1.848481
ENSMUSG Ciart	4.481068	4.054286	4.510694	2.46366	2.33264	2.199695
ENSMUSG AU041133	1.661064	1.348148	1.109172	1.410165	1.003143	1.055945
ENSMUSG Smim24	2.13764	2.642316	2.599484	2.897841	2.415836	4.029098
ENSMUSG Sval2	0	0	0	0	0	0
ENSMUSG Scgb1b15	0	0	0	0	0	0
ENSMUSG Vmn2r28	0	0	0	0	0	0
ENSMUSG Mcf2l	52.77558	49.57677	42.42364	28.41954	27.54367	18.59851
ENSMUSG Vmn2r37	0	0	0	0	0	0
ENSMUSG Zfp810	4.850719	5.138845	4.218807	5.290682	4.202258	4.498974
ENSMUSG Pgm2l1	4.274086	4.21333	3.414256	3.107953	3.741264	2.751712
ENSMUSG Icam2	105.1766	94.97462	141.9005	74.59706	65.80405	66.071085
ENSMUSG Fam91a1	20.4316	21.70005	17.35965	18.71938	19.11867	19.749855
ENSMUSG Gm9903	0.036918	0.064921	0.138766	0.128694	0.113276	0.031629
ENSMUSG S100a5	0	0	0	0	0	0
ENSMUSG S100a3	0.335831	0.305735	0.432068	0.489109	0.219993	0.151333

ENSMUSG S100a4	13.80264	9.077026	16.18812	26.41253	18.92267	30.577537
ENSMUSG Scn4a	0.258451	0.195822	0.106641	0.352938	0.23819	0.325048
ENSMUSG Lipt2	1.396724	1.074597	0.802833	0.741478	1.186277	1.427194
ENSMUSG Pold3	8.205118	7.561639	7.706136	7.3218	8.753863	7.174038
ENSMUSG Rabep2	12.42425	12.49677	12.45146	12.43796	10.88061	12.01983
ENSMUSG Hoxc6	0	0	0.032056	0.058776	0.031411	0
ENSMUSG Arid4a	17.3213	16.93291	17.00295	14.52899	13.80813	12.882738
ENSMUSG Olfr303	0	0	0	0	0	0
ENSMUSG Ifna13	0	0	0	0	0	0
ENSMUSG Rbms3	9.609297	9.833909	7.695848	6.20954	6.024061	5.610361
ENSMUSG Rcan2	19.35804	16.5185	15.59422	9.54849	10.68705	8.728037
ENSMUSG Coprs	4.4811	5.289714	5.668997	4.864991	5.277767	5.920438
ENSMUSG Rab39	0.683141	0.395927	0.529837	0.617754	0.838953	0.928123
ENSMUSG Gas6	182.9804	181.7448	179.3694	161.2639	167.5161	180.33525
ENSMUSG Smyd3	1.921656	2.000225	1.793619	1.821069	1.863595	1.696439
ENSMUSG Rasa3	18.21082	15.78698	18.86538	22.05274	21.73283	22.571948
ENSMUSG 1700029H	0	0	0	0.0241	0	0
ENSMUSG 4921501E	0	0	0	0	0	0
ENSMUSG Agap3	34.36977	32.74481	35.58061	27.71859	28.80719	29.436616
ENSMUSG Acap1	4.447879	3.26887	6.132958	7.746316	6.331063	7.06338
ENSMUSG Degs2	0.394959	0.912036	0.343901	1.092593	0.421868	0.579715
ENSMUSG Evi	18.84103	21.37047	25.58288	32.09299	30.65389	36.280784
ENSMUSG Hhip1	0.577868	0.354428	0.335685	0.302964	0.249007	0.470896
ENSMUSG Wars	66.87069	70.17664	259.4934	135.2291	56.18932	60.838354
ENSMUSG Slc25a29	5.567482	7.832211	6.259044	4.190962	4.266997	4.466703
ENSMUSG Yy1	19.65486	18.61688	16.63477	15.50524	15.37572	15.552648
ENSMUSG Gabrd	0	0	0	0	0	0
ENSMUSG Plch2	1.24952	1.65311	1.02819	2.490914	1.887934	1.949395
ENSMUSG Pank4	8.17713	8.873568	9.432362	8.555924	9.303541	9.07721
ENSMUSG Poc1a	2.849795	2.083505	2.645022	2.420966	2.095872	2.70287
ENSMUSG Ski	56.37053	52.67862	52.47971	40.44177	41.791	41.077568
ENSMUSG Gm21800	0	0	0	0	0	0
ENSMUSG Prkcz	19.02428	19.76017	15.89002	14.81255	14.19759	15.494444
Mus_musc Mus_musc	0.208011	0.408182	0.205069	0.441319	0.236061	0.319417
Mus_musc Mus_musc	0.234262	0.095646	0	0	0	0
Mus_musc Mus_musc	0.627562	1.342052	1.414641	0.966421	0.538581	0.730354
Mus_musc Mus_musc	0	0.251591	0	0	0	0
ENSMUSG Tnnc1	1.909784	13.71025	3.475288	4.525023	3.107224	2.312419
ENSMUSG Gm17019	0.011489	0	0	0.203219	0	0
ENSMUSG Ube2d2a	42.52115	39.23043	38.88626	38.18815	40.82574	39.951229
ENSMUSG Chga	0.049529	0.130216	0.092498	0.167455	0.145448	0.144375
ENSMUSG Pfkp	12.88416	13.13164	15.05665	19.19152	17.33792	20.662663
ENSMUSG Lgmn	45.30232	45.69297	55.2427	146.7728	159.5937	171.76867
ENSMUSG Pitrm1	8.748824	9.28012	8.080857	8.429733	7.950682	8.741948
ENSMUSG Golga5	14.40578	14.99838	14.42632	14.66557	15.59374	14.680082
ENSMUSG Amd2	2.639392	5.718792	5.771485	1.822898	4.810908	5.190405
ENSMUSG Brpf3	10.71719	10.21297	9.446309	7.030581	6.677858	6.418535
ENSMUSG Unc79	0.403886	0.651519	0.213033	0.309948	0.246093	0.208252
ENSMUSG Hist2h2aa	6.772204	16.47789	5.417923	4.776637	5.04117	27.087551
Mus_musc Mus_musc	0	0	0	0.222678	0.19964	0
Mus_musc Mus_musc	0	0	0	0.192613	0	0
ENSMUSG Ctag2	0	0	0	0	0	0
Mus_musc Mus_musc	0.217669	0.386838	0.126501	0.082359	0.135775	0.361736
Mus_musc Mus_musc	0.220977	0	0	0	0	0
Mus_musc Mus_musc	0.780615	1.220279	0.789646	1.043335	1.422377	1.254025
ENSMUSG Aff2	0.806897	0.928756	0.674661	0.665401	0.905683	0.355056
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Irgc1	0	0	0	0.046468	0	0
ENSMUSG Zfp94	1.11392	1.136172	1.450081	1.576454	1.003297	1.103812
ENSMUSG Ddt	20.38179	27.17534	23.39959	24.92307	22.21453	23.399021
ENSMUSG Adck5	4.053276	3.904916	3.919502	4.258089	3.447676	3.795942
ENSMUSG Cyc1	42.85109	44.11125	41.39238	47.31543	47.97224	47.128733
ENSMUSG Sharpin	16.24371	14.9238	19.39515	18.21241	15.6045	16.625094
ENSMUSG Maf1	58.14917	59.54869	59.44532	52.0736	48.46255	47.862314

ENSMUSG Hgh1	3.261775	2.594029	2.97465	3.666345	2.950779	3.76385
ENSMUSG Dgat1	7.489737	7.647789	7.705699	6.474544	5.549697	5.808371
ENSMUSG Hsf1	16.61261	17.6243	19.51823	14.97389	15.62363	15.507529
ENSMUSG Bop1	12.59654	11.94449	12.86025	12.81463	11.70203	14.399956
ENSMUSG Mroh1	12.618	12.46541	11.94557	14.91692	13.6544	15.146514
ENSMUSG Fbxl6	13.24956	10.64865	12.2334	12.62146	13.3782	12.609919
ENSMUSG Hrc	0.323498	3.452934	0.530526	1.130419	0.765973	0.433613
ENSMUSG Tecpr2	2.90051	3.248468	2.689286	3.318237	3.115275	3.748089
ENSMUSG Trmt10b	6.319453	6.106919	5.471395	5.470432	6.51843	4.634692
ENSMUSG Hoxa7	7.549422	5.394128	5.435265	2.849088	3.391449	4.60017
ENSMUSG Ky	0.238961	0.33754	0.183089	0.287244	0.280087	0.152852
ENSMUSG F11r	77.16444	70.72099	80.18343	53.45407	54.43745	51.669216
ENSMUSG Ntn3	0.272599	0.216142	0.405725	0.243064	0.196168	0.328385
ENSMUSG Hsp90aa1	130.9024	207.8334	186.9496	146.6901	162.5692	171.8457
ENSMUSG Egf	0.137353	0.150679	0.158875	0.09218	0.102738	0.118925
ENSMUSG Slit1	0.012529	0.016756	0	0	0	0.009708
ENSMUSG Ctso	20.54851	18.56292	19.72257	17.72112	18.02486	17.440166
ENSMUSG Ppa2	16.99744	18.33614	15.27421	16.78044	15.82326	15.653067
ENSMUSG Rrh	0	0	0	0	0	0.060784
ENSMUSG Xpnpep1	16.88551	17.08857	18.13584	15.97545	16.1085	17.967808
ENSMUSG Gar1	6.038714	5.592582	6.661524	4.494558	5.55651	4.625998
ENSMUSG Zfp616	0	0	0	0	0	0
ENSMUSG Pdgfc	1.273595	1.6055	1.006084	3.027451	3.088276	3.155632
ENSMUSG Gstcd	3.501126	3.242866	2.73775	2.868087	2.829191	3.387492
Mus_musc Mus_musc	0.915227	0.934529	0.78513	1.10728	0.956736	0.313392
ENSMUSG Ccnl2	39.43522	34.83142	44.57877	36.56278	29.7053	31.036228
Mus_musc Mus_musc	0.136305	0	0.384974	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Tmsb15l	1.448198	1.223794	1.85197	2.007348	1.262839	1.104744
ENSMUSG Mmp23	6.865638	8.033731	8.119656	8.147718	8.401937	8.208618
ENSMUSG Akap1	8.24041	7.021612	7.829416	6.773771	6.570522	6.938179
ENSMUSG Dhx40	13.54154	13.00127	11.51146	13.9055	13.94919	12.385232
ENSMUSG Ypel2	3.923018	5.046187	4.87829	6.410907	6.402889	6.867673
ENSMUSG Nadk	56.833	55.63259	61.51713	58.7041	58.53659	57.591403
ENSMUSG Cdk11b	30.84789	31.20935	31.63989	25.47933	25.86967	25.186501
ENSMUSG Nubp2	20.51601	18.3076	17.60185	19.47814	17.9676	21.395253
ENSMUSG AW209491	6.223309	7.271549	5.1123	5.086281	6.123081	5.542532
ENSMUSG Car12	0.146843	0.091066	0.090651	0.098388	0.169209	0.097744
ENSMUSG Plscr2	20.29869	19.53678	17.99085	10.44709	9.200645	9.77582
ENSMUSG Fanci	0.158603	0.272264	0.145563	0.381681	0.479494	0.478194
ENSMUSG Plod2	16.61582	16.50332	17.62068	11.85809	11.22887	10.730857
ENSMUSG Plscr4	16.9761	16.92893	16.14129	10.01486	8.802888	8.10638
ENSMUSG Doc2a	0.121341	0.078969	0.048019	0.109317	0.108949	0
ENSMUSG Iglon5	0.107498	0.098643	0.047743	0.171892	0.300545	0.159951
ENSMUSG Smarce1	24.20771	25.41156	26.23908	22.33765	21.61602	20.871161
ENSMUSG Scarb1	46.68249	41.70303	50.24646	37.66382	41.9376	36.416699
ENSMUSG Bicd2	33.73303	29.17009	32.76824	24.89239	23.95824	23.560993
ENSMUSG Chchd5	6.63829	5.315109	6.538147	6.718468	6.26455	7.992849
ENSMUSG Hnrnpc	73.17592	88.02827	78.46206	81.05885	89.31844	77.413524
ENSMUSG Caln1	0.006048	0.006618	0.005434	0	0	0.010901
ENSMUSG Bckdha	27.44288	26.73652	24.62979	21.31959	24.43939	22.690794
ENSMUSG Rpl36a-ps	1.176348	0.360857	1.257427	0.34687	1.053627	0.442211
ENSMUSG 311001810	0	0	0	0	0	0
ENSMUSG Gjd2	0	0	0	0	0	0.035507
ENSMUSG Actc1	26.97402	54.87761	28.85544	48.16295	43.07359	39.972087
ENSMUSG Efcab1	2.800796	3.346302	1.622106	4.270927	3.792562	4.160095
ENSMUSG Olfr398	0	0	0	0	0	0
ENSMUSG Cbln2	0	0	0	0	0	0
ENSMUSG Cndp2	46.20025	42.44309	47.9435	54.79015	59.16688	66.362345
ENSMUSG Timm21	9.86114	10.51885	9.916677	10.59079	10.55074	9.534756
ENSMUSG Tle4	9.806809	9.943236	10.23339	8.171193	8.32307	7.042212
ENSMUSG Rapgef4	23.77992	18.88551	22.21799	8.950219	10.7283	8.278746
ENSMUSG Armcx3	17.75502	15.44668	16.91574	13.67084	17.19465	15.791582
ENSMUSG Dclre1c	2.626297	2.327297	2.208701	2.393366	1.977198	2.116848

ENSMUSG Cfpap126	14.28527	15.49468	13.65569	18.06127	19.65845	14.314639
ENSMUSG Plxna2	12.40958	9.660536	12.03679	5.852499	6.49544	7.200839
ENSMUSG Usf1	31.03536	29.61994	34.4196	31.76282	28.05307	29.74241
ENSMUSG Nmt2	9.084766	11.18023	8.545685	8.936635	9.139066	9.198871
ENSMUSG Acbd7	0.214235	0.151998	0	0.106886	0.289665	0
ENSMUSG Olah	0	0	0	0	0	0
ENSMUSG Suv39h2	0.370175	0.252998	0.516996	0.438357	0.300573	0.440746
ENSMUSG Olfr482	0.123459	0.213977	0.246807	0.135376	0.212137	0.173256
ENSMUSG Olfr128	0	0	0	0	0	0
ENSMUSG Anks1	24.32303	23.11862	22.57675	17.82422	17.7058	17.209427
ENSMUSG Srp72	22.58156	24.158	21.63613	26.38145	26.44934	26.122818
ENSMUSG Qsox2	10.32003	8.919891	9.528525	7.325834	8.461929	7.799833
ENSMUSG Spdef	0.474728	0.927006	0.449031	2.704082	2.210547	2.771615
ENSMUSG Phf21a	10.62217	12.17765	11.02874	10.54529	10.08749	10.565907
ENSMUSG Grm3	0	0	0.011081	0	0	0
ENSMUSG Rpl8	562.5047	562.5836	599.1264	594.3743	581.5942	632.47839
ENSMUSG Zfp583	0.730343	0.714149	1.108623	0.877402	1.107928	0.773424
ENSMUSG Cyfip1	24.88003	25.83089	24.62488	20.90878	20.69254	22.007552
ENSMUSG Zfp273	1.137908	1.540359	1.477769	1.302546	1.009026	1.107958
ENSMUSG Pole	0.424469	0.507657	0.48637	0.719227	0.876582	1.017863
ENSMUSG Wdr25	1.341199	0.975558	1.034952	0.908535	0.914285	1.649938
ENSMUSG Osbpl10	7.308163	7.048157	5.543185	6.208321	6.152157	6.189533
ENSMUSG Tc2n	3.927707	4.779872	3.43917	5.961372	4.863618	5.82336
Mus_musc Mus_musc	0	0.129672	0	0.208624	0.213886	0
Mus_musc Mus_musc	0	0	0.613142	0.417734	0	0
Mus_musc Mus_musc	0	0.164325	0.121829	0.311221	0	0
Mus_musc Mus_musc	0	0	0	0.256695	0.265642	0
Mus_musc Mus_musc	0.523708	0.112225	0.132636	0.157477	0.126905	0
Mus_musc Mus_musc	0	0	0	0.215379	0.470473	0.659159
ENSMUSG Gm21319	0	0	0	0	0	0
ENSMUSG Gm7137	0	0	0	0	0	0
ENSMUSG Cacnb3	8.529282	8.106719	7.895792	9.323368	7.728755	11.06259
ENSMUSG Fkbp11	6.555739	7.272402	6.635347	12.93232	14.91663	13.215864
ENSMUSG Ccdc65	1.493959	2.503627	0.998324	3.094585	2.750666	2.573179
ENSMUSG H2-M10.2	0	0	0	0.040667	0	0
Mus_musc Mus_musc	0.588177	1.130086	0.496218	1.237925	1.078583	1.202509
Mus_musc Mus_musc	1.730897	1.276085	3.147386	1.66211	1.184594	1.665398
Mus_musc Mus_musc	0.479975	0.259169	0.889137	0.383559	0.31435	0.298325
Mus_musc Mus_musc	0.210694	0.104984	0.71322	0.131158	0.33947	0.300167
ENSMUSG Atxn3	10.06954	9.287387	8.606483	9.233439	9.1472	8.159139
Mus_musc Mus_musc	0	0.183255	0.098489	0.342396	0.177622	0
Mus_musc Mus_musc	0.734237	0.735334	0.186437	0.162611	0.309444	0.191974
ENSMUSG Fxyd5	59.7742	64.70729	78.00632	74.82269	78.15984	84.238949
ENSMUSG Bcr	18.73034	20.51494	19.23858	14.33486	14.97882	14.382422
ENSMUSG Tgfb1i1	40.85591	37.63099	41.23069	25.58217	28.35126	27.430446
ENSMUSG Ccdc85b	79.82908	58.91865	75.42306	53.16864	53.69444	51.217079
ENSMUSG Olfr385	0	0	0	0	0	0
ENSMUSG Vmn2r111	0	0	0	0	0	0
Mus_musc Mus_musc	0.400002	0.250395	0.446586	0.362534	0.203114	0
Mus_musc Mus_musc	0	0	0	0.061186	0.214997	0
Mus_musc Mus_musc	0.188031	0.16323	0	0	0	0
Mus_musc Mus_musc	0.23336	0.20299	0.18314	0.286531	0.176969	0.360424
Mus_musc Mus_musc	0.101054	0	0.140027	0.493201	0	0
Mus_musc Mus_musc	1.46947	0.1456	0.19664	0.168868	0.309869	0.043439
Mus_musc Mus_musc	0.283569	0.581032	0.272266	0.345217	0.855522	0.824069
Mus_musc Mus_musc	0.515181	0.105306	0	0.152852	0.314728	0.172986
ENSMUSG Efcab14	20.96054	22.81266	21.56102	19.59572	21.45892	19.170529
ENSMUSG Mrps17	13.11688	13.04628	14.32812	14.23901	11.37239	13.076043
ENSMUSG Ankmy1	0.469434	0.430728	0.405452	0.877519	0.467779	0.726513
ENSMUSG Vps18	6.805471	6.858007	7.354181	7.962441	8.309513	9.02106
ENSMUSG Rdh16f2	0	0.059082	0	0	0	0.04969
ENSMUSG Atm	3.473328	3.373778	2.649239	3.38505	3.398326	3.386153
ENSMUSG 14-Sep	0	0	0	0	0	0
ENSMUSG Tmem267	7.555902	9.015138	10.09624	13.33003	16.61797	10.938033

ENSMUSG 3110070M	1.057085	0.613129	1.104606	0.739078	0.705011	0.8512
Mus_musc Mus_musc	0.168239	0	0	0	0	0
ENSMUSG Tas2r104	0	0	0	0	0	0
Mus_musc Mus_musc	6.356814	6.005686	5.875281	6.731945	5.464316	6.26187
Mus_musc Mus_musc	0.09642	0.179036	0.265116	0.303093	0.56227	0.597222
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0.199365	0.168936	0.228324	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.153258	0.385617	0.166043	0.218673	0.194365	0.259248
ENSMUSG Teddm2	0.036971	0.247638	0.050721	0	0.064069	0.050341
ENSMUSG Ing1	27.25309	28.39441	26.85	19.82882	21.43673	19.210552
ENSMUSG Wnk1	57.93821	59.64851	49.27807	58.01882	52.25264	51.089518
ENSMUSG Gpr158	0	0.031503	0	0	0.015048	0
ENSMUSG Abcb1b	2.515476	2.247067	1.860029	3.175631	3.856205	3.072197
ENSMUSG Cort	0.445498	0	0.038928	0	0	0.13059
ENSMUSG Car6	0	0	0	0	0.096265	0
ENSMUSG Abcb8	4.225281	3.965955	4.059983	5.197593	6.403745	6.593614
ENSMUSG Dffa	10.42499	10.95815	10.92752	9.528433	9.49807	10.318787
ENSMUSG Pex14	16.85719	13.89035	15.08959	11.91022	12.40713	13.941871
ENSMUSG Slc2a5	0	0.058147	0	0.016557	0	0.03167
ENSMUSG Casz1	21.31382	18.55061	18.35676	12.89534	13.28296	12.516669
ENSMUSG Nos3	6.702944	6.825109	6.289236	4.108535	4.849487	5.589589
ENSMUSG Masp2	0.162393	0.201781	0.229129	0.626735	0.252072	0.477078
ENSMUSG Mapk10	0.124086	0.478193	0.062926	0.126263	0.139793	0.089549
ENSMUSG 4932414N	0	0	0	0	0	0
ENSMUSG Csnk2a2	6.528632	6.983775	6.529801	6.238348	5.615935	5.886407
Mus_musc Mus_musc	0.07945	0	0	0.338449	0.253613	0.090623
Mus_musc Mus_musc	0	0	0	0.326609	0.328973	0
Mus_musc Mus_musc	0	0	0.169501	0.088463	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.051778	0	0.059066	0.367332
Mus_musc Mus_musc	0.105768	0.025038	0	0	0.148097	0
Mus_musc Mus_musc	0	0.382687	0	0	0	0
Mus_musc Mus_musc	0.177784	0	0.046952	0.066382	0.076305	0
Mus_musc Mus_musc	0.201029	0.165845	0.323566	0.243364	0.628084	0.479187
ENSMUSG Ints6	3.419779	3.971481	3.665107	3.072133	3.432092	3.007255
ENSMUSG Bpi	0	0	0	0	0	0
ENSMUSG Usp9y	0	0	0	0	0	0
ENSMUSG Kcne3	0.625254	1.058858	0.348736	2.030858	2.095236	1.701451
ENSMUSG Zc3h12c	4.624589	4.759405	4.23257	3.101624	3.874777	3.331554
ENSMUSG Tanc1	17.81012	13.86865	14.41587	10.1099	11.0774	10.069168
ENSMUSG Cyp2j8	0	0.023065	0	0.030844	0	0
ENSMUSG Dctpp1	5.519948	4.985439	7.127806	9.080503	9.242929	10.238685
ENSMUSG C1galt1	14.23394	14.25869	13.21052	15.00718	14.09395	13.83356
ENSMUSG Abca14	0.03468	0	0.02529	0.029897	0	0
ENSMUSG Gemin7	33.2748	36.1509	45.8424	34.96145	35.46002	36.498662
ENSMUSG Kcnj10	0.122028	0.302797	0.150065	0.47181	0.303638	0.349467
ENSMUSG Olfr670	0	0	0	0	0	0
ENSMUSG Ccnjl	0.504068	1.061858	0.647072	1.125113	1.229431	1.290682
ENSMUSG Il27	0.078929	0.10166	0.719049	0.147805	0.035198	0.145254
ENSMUSG Tmem201	5.413806	5.287356	5.551907	4.445186	4.308505	4.378465
ENSMUSG Phf11a	0.244135	0.295399	1.084922	0.895271	0.437914	0.659751
ENSMUSG Palb2	0.658004	0.562707	0.688172	0.571608	0.97853	1.067768
ENSMUSG Gm12695	1.086316	1.150188	0.25926	1.463509	1.060146	1.389039
ENSMUSG Lrrc37a	0	0	0	0.008117	0	0
ENSMUSG Tomt	0.242627	0.291466	0.27607	0.116868	0.160508	0.232581
ENSMUSG Kansl3	20.14369	20.20323	19.27596	18.94769	15.72759	16.460903
ENSMUSG Scrn3	10.71427	11.15382	9.336754	7.215254	7.774801	7.557312
ENSMUSG Sox15	0	0.036023	0.146176	0	0	0
ENSMUSG Tmem182	0.101631	0.783534	0.084344	0.172543	0.109912	0.145939
ENSMUSG Gm7073	0	0	0	0	0	0
ENSMUSG Tmem217	0	0	0	0.034127	0.023693	0.030868
ENSMUSG Gm364	0	0	0	0	0	0

ENSMUSG Dpp9	18.55664	21.53497	20.90395	19.33147	21.88414	22.912657
ENSMUSG Uhrf1	0.961487	1.140408	1.179665	2.773987	4.11376	4.488395
ENSMUSG Gm11027	0	0	0	0	0	0
ENSMUSG Slc26a3	0	0	0.049438	0.052181	0.035567	0.035976
ENSMUSG Sema6b	4.221515	4.095984	4.332202	3.1685	3.448342	3.528522
ENSMUSG Zscan5b	0	0	0	0	0	0
ENSMUSG Adtrp	0.396892	0.145835	0.134595	0.816551	0.544864	0.798597
ENSMUSG Gm14226	0	0	0	0	0	0
Mus_musc Mus_musc	3.839029	4.08585	2.086717	1.669965	2.092546	1.593484
Mus_musc Mus_musc	3.330646	4.217185	4.468029	3.942325	3.526434	5.483326
Mus_musc Mus_musc	0	0.256238	0.094862	0.088977	0.064563	0.078155
ENSMUSG Bcam	299.6078	278.2426	305.9307	201.3784	202.7378	221.31709
Mus_musc Mus_musc	0.61185	0.535421	0.833563	0.453455	0.484037	0.733914
ENSMUSG Vmn1r76	0	0	0	0	0	0
ENSMUSG Rad18	1.459223	1.984271	1.607483	1.867792	1.669633	1.888193
Mus_musc Mus_musc	0	0	0	0.228468	0	0
Mus_musc Mus_musc	0	0	0	0	0.2731	0.138633
Mus_musc Mus_musc	0.067627	0.005902	0	0.048461	0	0.093879
Mus_musc Mus_musc	3.346374	3.745116	3.053291	3.315564	2.925732	2.97387
ENSMUSG Slx1b	4.775898	4.185691	5.658104	4.044911	4.186026	3.678835
ENSMUSG Bhlhe41	2.771274	1.896319	2.274741	3.428088	3.864027	3.815683
ENSMUSG Olfr722	0	0	0	0	0	0
ENSMUSG Tor1aip2	27.86584	28.42163	29.33608	23.9487	25.11169	25.925172
ENSMUSG Maml1	10.3114	8.820611	9.037014	8.22487	8.333355	8.375603
Mus_musc Mus_musc	0.047886	0.107938	0	0.044317	0.112047	0
Mus_musc Mus_musc	0.110851	0.207446	0.189879	0.444868	0.111604	0.158816
Mus_musc Mus_musc	1.387061	0.23904	0.358524	0.146815	0	0.225527
Mus_musc Mus_musc	0	0.288415	0	0	0	0
Mus_musc Mus_musc	0.599116	0.772231	0.459986	0.511245	0.372143	0.294453
ENSMUSG Cog6	11.57402	12.3494	11.75703	11.93532	11.9906	11.935261
ENSMUSG Nipsnap3a	0	0	0	0	0	0
ENSMUSG Abca1	18.07443	16.71889	14.42224	16.43738	17.27145	17.945639
ENSMUSG Gpr183	1.911032	1.36232	1.544412	4.815968	4.575369	3.901179
ENSMUSG C1d	8.421325	7.997347	7.389908	8.807156	7.875134	7.402996
ENSMUSG 3100002H	0	0	0	0	0	0
ENSMUSG Dlk2	0.108776	0.082292	0	0.087643	0	0
ENSMUSG Tbc1d2	2.735287	2.739588	2.714209	2.346536	2.571119	3.223921
ENSMUSG Ai837181	23.15642	24.0424	25.00366	22.0633	20.17953	21.472956
ENSMUSG Rock2	30.5353	32.85718	31.00128	23.7564	23.92331	22.896541
ENSMUSG Xkr5	0.053283	0	0	0.083392	0.111451	0.128339
ENSMUSG C130032N	0	0	0	0	0	0
ENSMUSG AF366264	0	0	0	0	0	0
ENSMUSG Cntrl	7.908916	8.286532	7.487588	9.20029	8.540371	9.760872
ENSMUSG Npm1	97.41743	99.42449	104.503	119.5625	119.1973	121.24523
ENSMUSG Gm45716	0.61027	0.666336	0.517131	0.606324	0.596362	0.642671
ENSMUSG Prpsap1	26.6088	19.879	23.8212	18.24127	21.48482	19.139096
ENSMUSG Arl13a	0	0	0	0	0	0
ENSMUSG St6galnac3	2.057915	1.88149	1.565841	1.494418	1.145141	1.312385
ENSMUSG Snap47	16.39614	15.18308	14.36259	12.90253	11.82212	14.128417
ENSMUSG Zfp932	3.379836	2.580409	2.907173	3.014015	2.934476	2.60751
ENSMUSG Atp6v0d1	57.96684	55.42542	55.07697	55.81845	60.33005	65.38942
ENSMUSG Npy2r	0.078812	0.050595	0.071311	0.02902	0	0.061651
ENSMUSG Maoa	14.23827	15.43045	13.08475	10.56249	12.28505	11.320167
ENSMUSG Arl3	30.95516	36.34295	33.80753	30.58461	27.10125	30.291313
ENSMUSG Aox1	14.41781	15.24109	11.55484	8.454294	9.056984	9.054116
ENSMUSG Nup98	12.46408	11.57835	10.72433	10.26299	10.64782	10.108337
ENSMUSG Olfr308	0	0	0	0	0	0
ENSMUSG Dedd2	15.32409	18.56159	17.18319	12.08757	12.27914	15.447139
ENSMUSG Gm6904	0.08899	0.180428	0.216908	0.371867	0.049896	0.284894
ENSMUSG Npas2	0.389262	1.059693	0.726033	2.729004	2.221988	2.521912
ENSMUSG Sh2d4b	0.441655	0.401648	0.341911	0.580395	0.768683	0.630566
ENSMUSG Gm17428	0	0	0	0	0	0
ENSMUSG Tas2r130	0	0	0	0	0	0
ENSMUSG Olfr1168	0	0	0	0	0	0

ENSMUSG Bmp4	41.8622	31.16717	38.08352	29.47202	24.83654	24.984209
ENSMUSG Psmc6	28.13977	29.89572	29.56648	30.48402	28.14495	29.937597
ENSMUSG Txndc16	11.00833	10.29312	9.381803	9.302054	9.556321	9.032065
ENSMUSG Ero1l	13.51366	14.19096	15.12109	13.61644	13.73511	13.403969
ENSMUSG Samd4	8.403492	9.122852	7.944793	6.059072	6.607324	6.194243
ENSMUSG Olfr195	0	0	0	0	0	0
ENSMUSG Kcnj15	24.81408	31.45457	19.54046	39.06803	50.95252	46.070316
ENSMUSG Srpk2	8.480943	9.000659	7.739773	8.901689	8.507816	8.962661
ENSMUSG Spx	0.255714	0.443417	0.27768	0.322642	0.129168	0.253321
ENSMUSG Mboat4	0	0	0	0	0.055723	0.053771
ENSMUSG Ppard	10.07046	9.471287	10.18615	9.478591	9.832016	9.666996
ENSMUSG Dnm2	52.4813	53.07318	52.41009	47.97763	43.37638	46.764526
ENSMUSG Olfr1225	0	0	0	0	0	0
ENSMUSG Gm10424	0	0	0	0	0	0
ENSMUSG Def6	7.27068	6.086	7.124347	9.418273	9.575468	9.042998
ENSMUSG Gm28102	0	0	0	0	0	0
ENSMUSG Olfr61	0	0	0	0	0	0
ENSMUSG Olfr486	0	0	0	0	0	0
ENSMUSG Olfr325	0	0	0	0	0	0
ENSMUSG Abhd17c	28.78612	28.26838	28.26873	21.29793	23.56111	22.478952
ENSMUSG Srcin1	1.522129	1.583689	1.541648	1.732903	1.65269	1.684159
ENSMUSG Spsb2	14.33435	11.45949	12.22899	9.872591	10.26218	10.01938
ENSMUSG Dennd2a	7.93644	8.005595	8.628407	5.692211	6.734959	5.474842
ENSMUSG Tmem255l	0.802528	1.141982	0.659526	0.820831	0.80512	0.539111
ENSMUSG Kctd13	6.503801	5.335806	5.830278	4.582356	4.915267	6.666971
ENSMUSG Sez6l2	0.111624	0.222306	0.245966	0.183805	0.152025	0.239113
ENSMUSG Cdipt	66.70239	54.76153	65.17754	48.67262	48.23356	49.607673
ENSMUSG Mvp	33.42654	30.78548	36.53425	31.86109	31.7986	34.801415
ENSMUSG Pagr1a	9.929174	9.582512	10.87438	8.072689	2.678364	11.191258
ENSMUSG Ino80e	21.6937	23.43656	24.31629	18.50433	17.38185	17.796684
ENSMUSG Stard10	40.13247	46.14545	37.86323	38.45022	42.0508	40.797804
ENSMUSG Cryz12	3.885822	2.842085	2.314571	4.273927	4.265076	5.274807
ENSMUSG Gm28729	2.327368	2.614458	1.351919	3.775681	2.683798	2.622028
ENSMUSG Fam240a	0	0	0	0	0	0
ENSMUSG Vmn2r35	0	0	0	0	0	0
ENSMUSG Catsper2	0.784931	0.613836	0.959733	0.42281	0.562814	0.540954
ENSMUSG Fndc3a	17.67431	19.26517	16.88657	21.84176	22.14485	22.267552
ENSMUSG Gm3636	0.140431	0.270945	0.069406	0.304877	0.192947	0.339046
ENSMUSG Gm3095	0	0	0	0	0	0
ENSMUSG Vmn2r27	0	0	0	0	0	0
ENSMUSG Aff4	24.42819	25.43983	20.09138	18.58566	20.50464	19.785166
ENSMUSG Acrbp	1.778326	1.624603	3.578822	2.077374	2.031495	1.815817
ENSMUSG Grcc10	54.91325	53.80867	57.56769	58.04027	49.89104	54.522102
ENSMUSG Zfp951	0.507466	0.356707	0.425191	0.371104	0.271618	0.36989
ENSMUSG 9030025P2	6.033005	5.910291	6.993643	5.723317	5.259547	5.805452
ENSMUSG Ttc13	11.57147	10.17536	11.21486	11.78033	13.83432	13.400585
ENSMUSG Banf2	0	0	0	0	0	0
ENSMUSG Man1c1	10.16706	10.47273	10.08866	12.28805	12.15933	13.520013
ENSMUSG Hsd3b6	0	0	0	0	0	0
ENSMUSG Tbx15	0	0.055692	0.036099	0.04226	0.057694	0.07541
ENSMUSG Spag17	0.824883	1.01768	0.636541	1.284996	1.250839	1.146861
ENSMUSG Gdap2	9.048415	9.551606	8.90071	8.337031	9.18695	9.017315
ENSMUSG Ptgfrn	81.26574	81.55317	82.38438	55.70715	60.16622	58.321941
ENSMUSG Cd2	18.36609	13.80031	17.01537	19.11544	20.78875	22.771923
ENSMUSG Casq2	0.3178	2.491346	0.354264	1.080316	0.547076	0.726008
ENSMUSG Vangl1	4.530959	4.241017	4.371409	3.380401	3.623354	3.559707
ENSMUSG Gm32802	0.366058	0.686035	0.509737	0.398911	0.481911	0.378323
Mus_musc Mus_musc	0.158944	0.177008	0.318505	0.344547	0.072459	0.24219
ENSMUSG Gm2381	0	0	0	0.019226	0	0
ENSMUSG Gm42421	0.103174	0.038115	0.022557	0.023356	0.075014	0.076765
ENSMUSG Gm26657	0.010782	0	0.164674	0	0	0
ENSMUSG Brf1	18.20194	16.95885	17.92194	15.79182	15.7861	16.439522
ENSMUSG Grm4	0.033631	0.035839	0.049614	0.089337	0.036494	0.104587
ENSMUSG Serpina11	0.073359	0.026088	0	0.617215	1.365499	1.033006

ENSMUSG Olfr535	0	0	0	0	0	0
ENSMUSG 1110038F1	21.43914	20.23803	23.91352	18.13252	17.73892	16.332223
ENSMUSG Cfap161	5.682697	6.509075	2.994374	5.555284	5.722948	4.397683
ENSMUSG Atrx	21.1745	20.93654	17.42587	22.57023	22.32494	21.666897
ENSMUSG Pbdcl	5.230021	4.794065	5.100143	6.910496	5.999309	6.343583
ENSMUSG Vmn2r109	0	0	0	0	0	0
ENSMUSG Magee2	0	0.019988	0.021883	0	0.061344	0.080244
ENSMUSG Awat2	0.264988	0.352002	0.299257	0.312685	0.366139	0.354354
ENSMUSG Igbp1	26.52823	27.4946	29.12658	29.6556	29.82103	26.609148
ENSMUSG Fbxw14	0	0	0	0	0	0
ENSMUSG Evi2	4.96779	3.733656	7.086483	4.928428	7.57863	11.11182
ENSMUSG Vmn1r28	0	0	0	0	0	0
ENSMUSG Vmn1r6	0	0	0	0	0	0
ENSMUSG Shtn1	13.80633	14.57998	12.0055	15.38378	16.66714	17.042755
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Cntnap2	0.251882	0.262563	0.209541	0.191795	0.150159	0.228701
ENSMUSG Ccdc6	9.534458	10.42956	9.679016	9.988134	10.78851	10.782756
ENSMUSG Heatr5b	9.996352	10.23813	9.016531	8.162319	8.625081	8.769765
ENSMUSG Speer4b	0	0	0	0.074748	0	0
ENSMUSG Prdm16	4.090668	4.655369	3.243133	2.916994	3.323871	2.82953
ENSMUSG Mob1a	52.69691	52.53786	50.79142	51.16585	52.2834	51.967888
ENSMUSG Lurap1l	24.03417	28.3695	27.54513	17.94614	18.63148	17.286354
ENSMUSG Npas3	0.030896	0.044273	0	0.035638	0	0
ENSMUSG Zc3h14	23.09448	22.47579	21.4043	20.23388	19.80265	17.490029
ENSMUSG Ttc8	3.83201	4.329727	3.668712	3.684784	2.704327	3.771591
ENSMUSG Polr2h	6.152234	5.190675	7.054064	6.639389	6.995725	6.596536
ENSMUSG Nphp1	5.84775	6.691537	5.489429	6.779508	5.236551	6.751279
ENSMUSG Zic1	0	0	0	0	0	0
ENSMUSG Mall	5.516557	5.231284	4.599004	6.905821	6.935676	5.78837
ENSMUSG Plscr1	32.91147	29.2974	31.28844	24.92763	22.52741	21.81668
ENSMUSG Rps6kc1	6.361721	6.802674	6.355809	7.115138	6.94899	6.007189
ENSMUSG Mup13	0	0	0	0	0	0
ENSMUSG Tmem102	3.113073	3.418114	2.232964	2.479978	2.787347	2.870561
ENSMUSG Gm4950	1.988935	0.827477	2.007825	2.364705	1.274221	1.353382
ENSMUSG Prdm6	5.534114	5.060007	5.123748	3.923628	4.656485	3.589374
ENSMUSG Cacna1b	0.12265	0.204346	0.047596	0.245787	0.082063	0.175503
ENSMUSG Ces3b	0	0	0	0	0	0
ENSMUSG Ctxn3	0.260174	0.242603	0.219347	0.101077	0	0.163352
ENSMUSG Olfr395	0	0	0	0	0	0
ENSMUSG Hs6st2	1.219892	1.011575	0.784436	1.432706	1.207128	1.369777
ENSMUSG Asb16	0.014921	0.122328	0.050627	0.036725	0	0.075281
ENSMUSG Pskh1	12.09952	11.72167	11.91828	9.741161	9.855062	10.805762
ENSMUSG Adamts7	0.61167	0.585241	0.970669	0.91618	0.90941	0.805636
ENSMUSG Map4k5	11.74905	12.96336	10.09715	8.467594	8.919463	8.306439
ENSMUSG Glis1	0.051828	0	0.01744	0.025809	0.037133	0
ENSMUSG Dusp5	6.664053	4.945821	5.357046	3.992168	4.125124	4.087847
ENSMUSG Tpm1	157.8964	204.5435	159.1865	163.6284	142.4668	154.68516
ENSMUSG Ube3b	24.08323	21.55737	23.14241	21.49586	22.55402	21.95581
ENSMUSG Radil	5.771073	5.646926	5.149197	4.590055	4.501026	4.706326
ENSMUSG Mmab	4.940992	4.745298	5.138384	5.470295	4.91714	5.958707
ENSMUSG Tmem106l	25.05298	24.36842	21.13442	20.9408	21.05388	18.969421
ENSMUSG Lfng	33.51387	24.36332	29.60135	21.36186	24.73005	22.909773
ENSMUSG Wipi2	13.99489	11.73832	11.81321	11.16466	11.88675	11.545074
ENSMUSG Ccar2	13.95439	12.76487	13.20985	11.50947	12.01581	12.634237
ENSMUSG Wdr55	4.972336	7.129958	6.038129	7.568532	8.289877	8.657234
ENSMUSG Dusp15	0	0	0.033866	0	0	0.015323
ENSMUSG Rab8b	17.60319	16.79231	18.13463	22.4315	23.68482	23.570707
ENSMUSG Kdm1a	13.02353	14.9287	14.37947	13.34181	13.91717	12.344389
ENSMUSG Elac1	4.523062	5.05182	4.19676	3.478293	2.902426	2.937495
ENSMUSG Tmem71	4.339826	3.881436	4.5978	4.450836	3.95909	4.702975
ENSMUSG BC037034	7.8191	6.339496	9.50944	8.626403	9.08041	8.818883
ENSMUSG Slc39a12	0.089953	0.201434	0.146517	0.472595	0.564186	0.374761
ENSMUSG Blk	1.980676	1.327573	1.446997	4.358259	3.415977	5.259285
ENSMUSG Col24a1	0.126776	0.058306	0.061728	0.795448	0.59889	0.835887

ENSMUSG Ddah1	7.971945	5.798568	8.047469	5.80238	6.084415	7.207608
ENSMUSG Cyr61	173.8033	51.08936	106.6258	23.60173	25.59784	34.480515
ENSMUSG Cryz	4.845941	5.309553	5.260258	4.146444	4.317304	4.701542
ENSMUSG Tmem98	20.07504	21.66297	19.53132	19.37419	19.94916	22.240629
ENSMUSG Cfp97d2	1.581948	2.176607	1.159322	1.693795	2.376205	2.006413
ENSMUSG Fam149a	6.808757	6.046373	5.410564	6.069953	6.45752	6.244748
ENSMUSG Fat1	10.94478	10.26923	8.598097	8.112971	9.174692	9.00614
ENSMUSG Galk1	17.92805	12.34727	13.93068	14.85326	15.41035	19.607124
ENSMUSG Tcea1	36.75761	39.42708	38.19178	36.91706	36.22162	34.914959
ENSMUSG Mmp16	0.148481	0.235243	0.081201	0.115606	0.459728	0.190244
ENSMUSG Pip4p2	12.50322	13.002	12.04947	12.47502	12.61861	11.863398
ENSMUSG Calb1	0	0.054787	0.014485	0	0.036392	0
ENSMUSG Decr1	11.77548	11.34483	9.067611	10.20582	8.70334	8.974302
ENSMUSG Ppp1r16a	17.62145	17.58975	17.67021	20.81389	19.44613	19.693865
ENSMUSG Cpne3	18.23455	18.40047	16.30025	16.41892	17.30205	15.854285
ENSMUSG Rmdn1	7.12205	7.406719	6.578773	8.250461	6.855502	6.869863
ENSMUSG Ehd1	71.00858	61.57009	75.05512	49.42162	50.47083	49.250542
ENSMUSG Gm8947	0	0	0.030185	0	0	0
ENSMUSG Gm49361	0	0	0	0	0	0.023011
ENSMUSG Zfp442	1.05674	0.799852	0.938764	1.037774	0.88964	1.060694
ENSMUSG Prop1	0	0	0	0	0	0
ENSMUSG Zfp120	4.375797	4.5978	3.773361	4.410348	4.789753	4.347164
ENSMUSG Dact1	4.563826	3.627427	4.409081	3.304939	4.562561	3.09624
ENSMUSG Olfr1085	0	0	0	0	0	0
ENSMUSG Olfr1087	0	0	0	0	0	0
ENSMUSG Olfr1086	0	0	0	0	0	0
ENSMUSG Lpin3	2.449043	2.995656	2.631847	2.363851	2.49396	2.698835
ENSMUSG Olfr1097	0	0	0	0	0	0
ENSMUSG Olfr1095	0	0	0	0	0	0
ENSMUSG Pcsk2	0	0	0.008656	0	0	0
ENSMUSG Wfdc15b	0	0	0	0	0	0
ENSMUSG Pmp22	292.2548	261.5041	275.8613	169.3352	159.669	147.97245
ENSMUSG Ezh1	18.6298	18.11499	19.26208	14.60651	14.17053	14.437005
ENSMUSG Dppa4	0	0.0313	0	0	0	0
ENSMUSG Rpl5	191.2774	199.0338	192.1482	219.3066	199.5667	206.09373
ENSMUSG Olfr22-ps1	0	0	0	0	0	0
ENSMUSG Gm17783	0	0	0	0	0	0
ENSMUSG Plekha3	20.33683	19.02666	20.32301	15.94322	16.85563	15.670804
ENSMUSG Cabp2	0.085801	0.031076	0.426998	0.144619	0.410753	0
ENSMUSG Cdk2ap2	51.62992	52.76753	61.78902	64.67988	60.83584	65.756794
ENSMUSG Pacs1	16.6706	13.75371	14.98243	10.63869	10.69773	10.982688
ENSMUSG Pold4	15.74846	16.95393	18.50027	22.83207	20.09169	23.846348
ENSMUSG Sf3b2	71.89864	66.90138	67.3848	54.50295	58.88422	57.885925
ENSMUSG Pitpnm1	11.74552	11.25291	14.07229	13.71018	13.3217	15.85047
ENSMUSG Grk2	43.65682	40.58703	50.29396	50.71712	47.60126	49.870285
ENSMUSG Cckbr	0	0.010255	0	0	0	0
ENSMUSG Ilk	72.99885	63.6861	64.53287	58.55258	59.59014	57.564522
ENSMUSG Cnga4	0	0	0.183035	0	0	0.044489
ENSMUSG Tpp1	37.99747	35.95844	33.65665	45.31612	44.97184	50.223572
ENSMUSG Hpx	0.543426	0.805517	0.690167	0.399343	0.196905	0.478958
ENSMUSG Hnrnpm	66.60507	78.4772	78.59976	59.28077	63.24099	60.632206
ENSMUSG Il1rapl2	0	0	0	0	0	0
ENSMUSG Lep	0.100045	0.639775	0.015551	0.084151	0.022284	0.096247
ENSMUSG Vmn1r71	0	0	0	0	0.005381	0
ENSMUSG Olfr1130	0	0	0	0	0	0
ENSMUSG Dlst	37.98285	38.92403	38.99388	32.94933	36.05356	35.14386
ENSMUSG Eif2b2	17.11192	17.6035	20.30399	17.87437	19.02289	21.387861
Mus_musc Mus_musc	0.941392	1.213518	0.985341	2.237088	1.354655	1.688683
Mus_musc Mus_musc	0	0.215817	0.183113	0	0	0.294955
Mus_musc Mus_musc	0.05466	0.089715	0	0.259844	0.270993	0.19543
Mus_musc Mus_musc	0.15365	0.451357	0.292471	0.314106	0.290286	0.208494
Mus_musc Mus_musc	0.06039	0.158143	0.123817	0.123433	0.47126	0.164916
Mus_musc Mus_musc	0	0	0	0.357246	0.084243	0.655229
Mus_musc Mus_musc	0	0.275987	0	0	0	0

Mus_musc Mus_musc	0.021257	0	0	0.325319	0	0
ENSMUSG Gm21650	0	0	0	0	0	0
ENSMUSG Gm5269	0	0	0	0	0	0
ENSMUSG Efna1	70.87532	61.99916	59.90607	43.17941	39.53425	37.999437
ENSMUSG Gm7102	0	0	0.024238	0	0	0.015538
ENSMUSG Gm13287	0	0	0.099546	0	0	0.037743
ENSMUSG Cyp4x1	0	0	0	0	0	0
ENSMUSG 1700001C:	0.124525	0	0.009467	0.063396	0.08649	0
ENSMUSG Khnyn	12.71389	12.45302	13.62603	12.85759	10.93208	11.668982
ENSMUSG Gm16181	0.237098	0	0	0.258072	0.073491	0.123664
ENSMUSG Gm9603	0	0	0	0	0	0
ENSMUSG Scgb2b17	0	0	0	0	0	0
Mus_musc Mus_musc	0.075062	0.039763	0.217204	0.150183	0.257232	0.510347
Mus_musc Mus_musc	0.217009	0	0.089675	0	0	0.191756
Mus_musc Mus_musc	0.774543	1.680445	1.172956	0.548802	0.265643	0.560739
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.839204	0.986439	0.835122	0.452534	0.286171	0.541331
ENSMUSG Ptbp1	71.17163	63.405	73.43977	65.17779	65.33036	66.36848
ENSMUSG Prl8a9	0	0	0	0	0	0
ENSMUSG 1700028K(	0	0	0	0	0.046451	0
ENSMUSG Pdk1	5.660145	5.737051	4.490378	4.069847	3.40655	3.550496
ENSMUSG Krtap19-1	0	0	0	0	0	0
Mus_musc Mus_musc	14.04822	13.45469	13.86855	12.76342	7.960555	10.938518
Mus_musc Mus_musc	1.127091	0.383366	0.323366	0.408023	0.241801	0.55646
Mus_musc Mus_musc	0.30124	0.333936	0.231784	0.257924	0.393885	0.18285
ENSMUSG Gm3633	0	0	0	0	0	0
Mus_musc Mus_musc	3.031006	3.158802	2.407254	1.383658	2.844692	1.782833
ENSMUSG Itpripl2	42.70009	46.16533	40.86397	27.61902	32.94977	30.068371
Mus_musc Mus_musc	0	0	0.406515	0.140234	0.218299	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Olfr1123	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Trim56	20.73271	21.63015	20.22054	18.01621	17.3456	16.115585
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.139658	0.107782	0.144636	0	0.224392	0
Mus_musc Mus_musc	0	0.125564	0	0.245852	0	0.266437
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0.300916	0.352855	0.21752	0.066523	0
Mus_musc Mus_musc	0.260065	0.41991	0.134602	0	0.214898	0.087124
ENSMUSG Upk3bl	0	0	0	0.046653	0	0
Mus_musc Mus_musc	2.898063	2.99479	2.396363	1.570905	1.521778	1.522599
ENSMUSG Racgap1	2.157827	2.085983	2.757594	4.826549	5.074179	5.256143
ENSMUSG Tas2r122	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.186749	0.201252	0.098873	0	0.177907
Mus_musc Mus_musc	0	0	0	0	0.079331	0.265583
Mus_musc Mus_musc	0.214675	0.130051	0.063608	0	0.050641	0
Mus_musc Mus_musc	0	0.30875	0	0.038915	0	0
Mus_musc Mus_musc	0.088502	0.255836	0.321614	0.388752	0.652441	0.331156
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Faim2	5.385371	5.142561	5.684919	2.382166	2.241799	1.490009
Mus_musc Mus_musc	0	0	0	0.148438	0.466354	0.194838
Mus_musc Mus_musc	0	0	0	0.281944	0	0
ENSMUSG Spata6	13.90277	12.40257	11.86945	12.25677	13.38446	13.229482
ENSMUSG Pja1	23.34212	25.81326	24.88951	19.76128	22.09558	22.175678
ENSMUSG Kcnh5	0	0.022816	0	0.012865	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.253964	0.605667	0.514263	0.628227	0.595072	1.342472
ENSMUSG Taok2	47.72257	44.34284	43.57926	31.60828	31.04458	31.651842
ENSMUSG Tsc2	20.00807	18.46948	17.68606	13.77368	14.0953	14.002881
ENSMUSG Ncaph2	27.63904	25.4747	26.29409	24.05821	25.25808	26.139124
ENSMUSG Olfr92	0	0	0	0	0	0
ENSMUSG Dbndd2	18.10454	17.26383	15.11062	12.8293	10.14523	12.691185
ENSMUSG Mmp9	4.043949	3.051654	3.759135	2.985734	1.87786	2.541654
ENSMUSG Cyhr1	29.86066	34.29415	32.28151	31.00084	28.41885	29.429937

ENSMUSG Eppin	0	0	0	0	0	0
Mus_musc Mus_musc	0.079425	0.10295	0.619568	0	0.238985	0.155353
Mus_musc Mus_musc	0	0.283527	0.437432	0.832029	0	0.192045
Mus_musc Mus_musc	0.226492	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.306584	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gm14409	0.165834	0.17519	0	0.085419	0	0.210499
ENSMUSG Gm14412	0.446026	0.462052	0.205926	0.393748	0.319658	0.438342
ENSMUSG Atf6b	23.92567	24.22063	28.38016	26.15842	26.76018	28.92753
ENSMUSG Gm14326	5.398394	3.295001	2.705138	2.848216	3.174801	5.56638
ENSMUSG Zfp931	5.600679	5.811973	6.479851	6.45128	4.763439	5.256232
ENSMUSG Gm14418	2.267046	2.051894	2.422373	1.374578	0.696164	0.966063
Mus_musc Mus_musc	0	0	0	0.32458	0	0.201562
ENSMUSG Notch4	39.20036	30.82887	35.31544	27.24685	27.96817	26.028924
ENSMUSG Gm14322	1.57802	1.73517	1.361169	1.400384	1.537634	1.920343
ENSMUSG Gm21149	0	0.266604	0	0.775176	0.1431	0.858776
ENSMUSG 4930519P:	0	0	0.064636	0	0	0
ENSMUSG Nbl1	67.2186	65.27684	63.01093	41.9031	46.29481	48.114628
ENSMUSG H2afv	31.99469	31.9355	34.07251	24.48882	29.98038	27.755214
ENSMUSG Msantd4	15.34135	15.20386	14.21793	13.37804	13.1208	13.688368
ENSMUSG Olfr151	0	0	0	0	0	0
ENSMUSG Prox1	0.394479	0.397698	0.274914	0.524204	0.591881	0.399819
Mus_musc Mus_musc	0.135432	0.227847	0.070666	0.342573	0.202569	0.02528
Mus_musc Mus_musc	0.913698	0.643575	0.820578	0.343951	0.368276	0.40533
Mus_musc Mus_musc	0	0.080904	0	0.264305	0	0
ENSMUSG Gm8229	0	0.034645	0	0	0	0
ENSMUSG Maf	4.647791	5.1802	4.987141	6.355027	7.145501	7.072461
ENSMUSG AY761184	0	0	0	0	0	0
ENSMUSG Srsf11	36.16689	31.46769	36.28919	32.62816	32.46816	34.979458
ENSMUSG Nap115	0.788937	0.630543	0.815456	0.321137	0.406234	0.277578
ENSMUSG Pah	0	0	0	0	0	0
ENSMUSG Btbd16	0	0.010066	0	0.028038	0.054258	0.114733
ENSMUSG Suco	8.309168	9.143248	8.073128	7.72365	8.049998	7.517688
ENSMUSG Ddx58	17.11637	13.94352	17.88829	14.98558	14.64639	14.706697
ENSMUSG Hps5	9.400369	9.720139	9.025487	8.154058	8.050369	8.457189
ENSMUSG Myom1	1.323322	2.270248	1.243097	1.588273	1.443276	0.918652
ENSMUSG Gm35339	0.347662	0.418963	0.541258	0.34322	0.278351	0.395268
ENSMUSG Siah1b	1.966112	3.023335	2.287014	1.907776	2.263384	2.155899
ENSMUSG Cd53	25.91876	21.95853	30.72761	57.98429	54.22813	56.280952
ENSMUSG Rnf167	51.15924	46.06643	44.61373	29.76829	33.37271	29.798089
ENSMUSG Slc25a34	0.728886	0.979141	0.726742	0.704407	0.492567	0.369476
ENSMUSG Olfr1454	0	0	0	0	0	0
ENSMUSG Topaz1	0.034018	0.070835	0	0	0.136475	0.024168
ENSMUSG Cryaa	0.182813	0.07797	0	0.12058	0	0
ENSMUSG Cndp1	0	0	0	0	0	0
ENSMUSG Cnot10	15.09991	14.89537	15.36691	11.97007	11.42223	12.408325
ENSMUSG Olfr785	0	0	0	0	0	0
ENSMUSG Ehd2	98.37933	88.71359	99.51709	59.65875	60.13977	64.315727
ENSMUSG Crxos	0	0	0	0	0	0
ENSMUSG Gm43518	0	0.042128	0	0	0	0
ENSMUSG Flnb	18.39164	17.38904	17.23596	15.40798	16.5128	17.949177
ENSMUSG Dnase1l3	0.477486	0.505837	0.758825	1.096701	0.885874	1.279351
ENSMUSG Alas2	72.85052	71.7875	89.53293	26.85951	28.10542	22.129682
ENSMUSG Pfkfb1	0.995117	1.234735	1.290339	1.183128	0.987224	0.711825
ENSMUSG Tro	0.411763	0.399803	0.286169	0.184046	0.355045	0.167119
ENSMUSG Abhd6	4.730364	4.958808	4.146296	3.543089	4.090049	3.866813
ENSMUSG Gm7945	0	0	0	0	0	0
ENSMUSG Gm20831	0	0	0	0	0	0
ENSMUSG Gm9125	0	0	0	0	0	0
ENSMUSG Olfr504	0	0	0	0	0	0
ENSMUSG Ythdf3	19.7148	21.85467	19.59338	20.67552	19.68332	20.459246

ENSMUSG Cdh19	0.146188	0.38053	0.100589	0.075938	0.139709	0.081599
ENSMUSG Rpl9	267.4874	284.9671	262.4239	270.4201	257.2886	260.67402
ENSMUSG Defb41	0	0	0	0	0	0
ENSMUSG Lrch1	19.70441	19.02934	17.88705	13.15041	14.28268	13.115475
ENSMUSG Gm14685	0.507465	0.301041	0.425785	0.073489	0.090381	0.069906
ENSMUSG Sycp3	0.102493	0.287767	0.137729	0.19902	0.061542	0.1888
ENSMUSG Dspp	0.012561	0	0	0.010761	0.01264	0
ENSMUSG Olfr643	0	0	0	0	0	0
ENSMUSG Dok1	11.37297	11.40698	11.92719	12.40898	12.86609	14.054706
ENSMUSG Zfp648	0	0	0	0	0	0
ENSMUSG Zbtb6	6.349748	6.147703	5.704438	4.88726	5.016484	4.93882
ENSMUSG Gm45337	0	0	0	0	0	0
ENSMUSG Lrmda	3.484457	4.023402	2.355575	3.472879	3.657908	3.883925
ENSMUSG Syne2	18.76181	19.17959	15.40395	12.84343	13.06119	13.29975
ENSMUSG Rps15	672.94	708.605	745.297	749.7103	664.5001	751.62684
ENSMUSG D630045J1	2.224305	1.856495	1.84696	1.4448	1.638	1.394878
ENSMUSG Iglc2	7.031631	6.115587	5.595245	825.5218	111.9134	228.07881
ENSMUSG Daxx	13.26724	11.62071	15.21221	11.29392	11.05095	11.794047
ENSMUSG Gm29133	0	0	0	0	0	0
ENSMUSG Gm28372	0	0.023278	0.034132	0	0	0.058038
ENSMUSG Gm29666	0.007018	0.058111	0.031042	0.053632	0.036303	0.029949
ENSMUSG Gprc6a	2.26438	1.297734	1.979817	0.656572	1.128381	0.565747
ENSMUSG Ppp1r12a	35.06214	36.59604	31.39005	30.48679	29.74072	29.464059
ENSMUSG Lin7a	0.037161	0.016652	0	0.055232	0	0.021123
ENSMUSG Rfx6	0	0	0	0	0	0
ENSMUSG Fam162b	12.24547	10.57464	14.55361	6.020663	5.903498	4.257097
ENSMUSG Hnrnpab	91.23426	89.18505	90.82186	85.32311	90.43859	92.118432
ENSMUSG Phykpl	2.500633	2.38286	2.568001	1.995366	1.695055	2.192597
ENSMUSG Prtg	0.008366	0.026921	0.027165	0.005707	0.006122	0
ENSMUSG Izumo1	0.233622	0.196582	0.20209	0.233809	0.096285	0.291885
ENSMUSG Prol1	0	0	0	0	0	0
ENSMUSG Erich6	0	0	0.007312	0.121692	0	0.038432
ENSMUSG Cldn3	105.2201	108.0689	85.15282	83.09777	81.08869	94.44278
ENSMUSG Pcdha6	0	0	0	0.015099	0	0
ENSMUSG Fam217b	2.86838	2.756465	2.927532	1.969188	2.492164	2.098206
ENSMUSG Flt4	17.94866	14.11951	12.52157	9.730566	10.70941	8.658182
ENSMUSG Usp21	10.80016	12.44044	12.28789	11.52817	11.61826	10.708035
ENSMUSG H1f0	66.69609	53.27101	49.26738	61.70841	60.86301	61.758499
ENSMUSG Stpg3	0	0	0	0	0	0
ENSMUSG Decr2	6.276742	5.747447	5.707756	5.612251	5.761088	6.07962
ENSMUSG Smim22	3.697818	5.271574	6.278191	8.374179	4.915992	8.070028
ENSMUSG Anln	1.232212	1.667621	1.204239	1.552201	2.43736	2.785
ENSMUSG Krtap4-13	0	0	0	0	0	0
ENSMUSG Tent4b	13.29659	15.84961	15.28629	11.37377	11.78164	11.70329
ENSMUSG Olfr148	0	0	0	0	0	0
ENSMUSG Prr14l	5.276136	5.33312	4.921778	5.876408	5.541746	5.626851
ENSMUSG Arhgap39	4.497038	5.117772	4.906704	5.785936	5.446682	6.208939
ENSMUSG Fancm	1.369016	1.377662	1.274639	1.513904	1.619104	1.497586
ENSMUSG Abhd16b	0.01589	0.102931	0.067289	0.130194	0.093819	0
ENSMUSG Olfr171	0	0.008012	0.041327	0.008911	0.059267	0.01834
ENSMUSG Sms	7.425016	8.978188	8.346001	7.205543	6.97929	8.561111
ENSMUSG Trip12	30.71258	27.63617	27.83087	31.23132	37.04427	31.601555
ENSMUSG Samd5	1.705052	1.791078	1.812855	1.572552	1.614733	1.272825
ENSMUSG Stk11ip	5.521388	4.767936	5.406628	6.414948	5.849578	6.894168
ENSMUSG Hsd3b3	0	0	0	0.246937	0	0
ENSMUSG Obsl1	2.618174	2.896213	2.555953	3.127788	2.879597	2.761106
ENSMUSG Grm2	0	0	0	0	0	0
ENSMUSG P3h3	7.351187	7.391277	8.73704	6.637984	7.082104	7.791071
ENSMUSG Gm26661	0	0.067817	0	0.055419	0.047961	0.082903
ENSMUSG Mre11a	3.632282	3.409601	3.96428	4.357398	3.425417	4.099735
ENSMUSG Terf2	10.57997	10.17239	10.83246	7.967277	8.619058	8.243341
ENSMUSG Cep57	8.975621	9.437144	8.63212	9.909898	8.714958	8.172067
ENSMUSG Maml2	5.782131	6.041622	5.124327	6.035146	5.867781	5.208551
ENSMUSG Cyb5b	44.07185	48.19143	42.72775	48.52938	48.43161	51.358322

ENSMUSG 1700012Bc	2.741761	2.023515	1.139828	1.104547	0.787201	1.084504
ENSMUSG Creb3l2	17.75706	16.62345	16.25108	16.57288	17.96098	16.305893
ENSMUSG Ctss	125.9906	123.3505	156.3988	561.0735	490.6992	604.32745
ENSMUSG Akr1d1	0	0	0	0	0	0
ENSMUSG Ramac	27.68238	29.638	29.84015	28.50162	25.67438	23.790505
ENSMUSG Pold1	6.478075	6.413057	7.690556	6.520115	6.658541	6.914237
ENSMUSG Rad51ap1	3.729486	3.321038	2.881627	3.327152	3.002468	3.483681
ENSMUSG D6Wsu16c	6.163644	6.210503	5.388804	6.579359	5.9639	7.043264
ENSMUSG Akap3	0	0	0	0	0.049715	0.031778
ENSMUSG Dyrk4	0	0.322199	0	0.391023	0.212764	0.248553
ENSMUSG Cd9	310.3044	304.4887	308.9958	239.5251	263.7409	259.94327
ENSMUSG Scnn1a	209.4609	192.0043	173.0134	115.5114	121.8274	107.69784
ENSMUSG Tnfrsf1a	65.22896	63.88139	79.06608	59.20845	61.07843	57.993487
ENSMUSG Ly6g6d	1.828963	2.22959	2.579999	2.745721	2.296002	1.946459
ENSMUSG Lst1	3.085755	3.324169	7.250754	4.441531	2.873089	2.160449
ENSMUSG H2-D1	582.0484	517.5391	1112.88	885.3315	668.2918	824.89987
ENSMUSG Mpig6b	0.9553	0.498522	0.91348	0.525259	0.238733	0.197021
ENSMUSG C4b	39.23544	45.39443	39.05504	45.34529	44.03903	51.806937
ENSMUSG Tnpo2	13.55512	13.70801	14.64835	14.34294	14.60717	14.323037
ENSMUSG Orc6	6.31519	6.443124	8.13705	5.98481	5.420904	5.663844
ENSMUSG Vps35	42.78085	43.18386	39.49628	38.22437	39.75346	39.476017
ENSMUSG Mylk3	1.191154	2.548362	1.407935	1.23967	0.770707	0.72132
ENSMUSG Fam166a	0	0	0	0	0	0.034192
ENSMUSG Anapc2	30.73926	30.02154	31.26527	26.40501	25.73026	26.990122
ENSMUSG Ssna1	25.28914	24.50796	26.3952	24.24255	24.59899	26.782005
ENSMUSG Lrrc26	6.387699	9.766609	6.275339	10.69936	8.600243	10.39151
ENSMUSG Arl6ip6	8.229794	7.618213	8.122505	7.921731	7.72795	8.30779
ENSMUSG Tmem210	0.096589	0	0	0	0	0
ENSMUSG Uchl4	0.218291	0.346732	0.224909	0.244851	0.376277	0.458881
Mus_musc Mus_musc	0.188031	0	0	0.061264	0	0
ENSMUSG Dmrtc2	0	0	0	0	0	0
ENSMUSG Synpo	12.85491	12.3569	10.54633	8.683373	8.874948	10.69476
ENSMUSG Usp17le	0	0	0	0	0	0
ENSMUSG Ctnnd2	2.007232	2.098804	2.229116	1.60476	1.781149	1.83116
ENSMUSG Tars	11.0208	9.768097	10.49474	10.57694	11.20998	10.943196
ENSMUSG Slc45a2	0	0	0	0	0	0
ENSMUSG Amacr	4.088607	4.026052	4.1155	3.20056	4.483079	3.465661
ENSMUSG Skor1	0.012391	0	0	0	0	0
ENSMUSG Zfp326	11.44703	12.18945	11.8901	9.776918	8.455857	10.098452
ENSMUSG Brix1	9.276756	9.303609	8.673007	7.893044	7.730146	8.151088
ENSMUSG Rad1	5.920601	7.097038	7.679993	7.030172	6.111747	6.345861
ENSMUSG Ttc23l	0	0	0	0	0	0
ENSMUSG Gbp9	18.75587	16.02661	49.27314	35.75069	14.01772	17.538683
ENSMUSG Abcg3	0.833135	0.478123	1.039979	1.24605	0.794727	0.734488
ENSMUSG Olfr1140	0	0	0	0	0	0
ENSMUSG Olfr152	0	0	0	0	0	0
ENSMUSG Olfr1143	0	0	0	0	0	0
ENSMUSG Olfr1145	0	0	0	0	0	0
ENSMUSG Olfr1131	0	0	0	0	0	0
ENSMUSG Olfr1132	0	0	0	0	0	0
ENSMUSG Gm3327	0	0	0	0	0	0
ENSMUSG Pcdhga12	1.23564	1.262063	1.229754	0.934652	0.641633	0.574178
ENSMUSG Mlec	35.10268	38.84552	38.62889	51.74925	56.1801	58.080029
ENSMUSG Tmem252	24.18839	24.82787	35.98645	10.8752	16.62169	13.581041
ENSMUSG Cypt3	0	0	0	0	0	0
ENSMUSG lqschfp	0	0	0	0	0	0
ENSMUSG Nipsnap2	29.41962	30.97433	24.79234	28.68997	28.95849	28.58202
ENSMUSG Diablo	10.71969	14.06785	11.71175	10.91871	10.54335	11.406713
ENSMUSG Ran	39.79347	42.05964	43.71227	43.37862	42.81566	49.339245
ENSMUSG B3gnt4	0.088951	0.109744	0.086954	0.050476	0.047175	0.025085
ENSMUSG Mmp17	0.536337	0.526795	0.642757	1.048947	0.783631	0.873264
ENSMUSG Il31	0	0	0	0	0	0
ENSMUSG Vps33a	13.63028	14.34262	13.42532	12.60723	13.65497	13.245343
ENSMUSG Bcl7a	7.815838	7.588841	6.900502	5.104377	5.498835	4.800509

ENSMUSG Sfswap	14.17739	14.13891	13.88458	11.87639	12.09338	11.431142
ENSMUSG Chrna5	0	0	0	0	0	0
ENSMUSG 1600002K	3.370144	4.423532	5.168749	6.703343	4.849871	7.121325
ENSMUSG Mboat7	16.88381	17.06684	15.67759	17.27974	18.30232	19.433022
ENSMUSG Prpf39	9.255119	9.830883	10.96215	8.640506	7.242775	7.251646
ENSMUSG Krt33a	0	0	0	0	0	0
ENSMUSG Igsf3	2.018219	2.306005	1.846997	2.414755	2.571637	2.625412
ENSMUSG Lce3b	0	0	0	0	0	0
ENSMUSG Arhgef26	30.96391	31.67769	27.92905	16.15149	16.71594	14.437682
ENSMUSG Mat2b	38.13693	44.20118	42.27033	40.10176	37.00626	35.219298
ENSMUSG Ak4	1.458588	1.305344	1.242382	0.900204	0.757217	0.653685
ENSMUSG Rab40c	9.929743	10.45847	10.89438	9.04831	8.211466	8.72166
ENSMUSG Rhot2	12.19601	11.1871	12.61896	11.6179	12.26638	11.698478
ENSMUSG Sgjp1	6.063465	3.883368	4.632699	2.949118	2.798344	2.477596
ENSMUSG Rhbd1	0.847264	1.477177	1.440245	1.292412	1.21705	0.843758
ENSMUSG Mier1	23.88011	27.58655	23.70044	20.5401	19.85246	19.364218
ENSMUSG Slc35d1	3.705956	3.635738	3.400527	3.222141	3.636393	3.132946
ENSMUSG 4921539E1	0	0	0	0	0	0
ENSMUSG Gng13	0	0	0	0	0	0.050859
ENSMUSG Fbxl16	1.371797	1.221843	1.488076	1.04384	1.283769	1.388864
ENSMUSG Dnajc6	1.002248	0.780183	0.752112	0.425068	0.500075	0.688151
ENSMUSG Colgalt2	5.518409	5.57434	4.730312	3.519923	3.087159	2.97542
ENSMUSG Pygm	6.716689	8.849003	7.447826	5.697334	4.559574	4.918651
ENSMUSG Irx4	0	0	0	0	0	0
ENSMUSG Mrpl36	19.97564	19.10934	20.42981	25.14593	21.61146	24.848432
ENSMUSG Ndufs6	23.21147	26.95454	26.82664	30.19379	26.08186	26.283409
ENSMUSG Gpr19	1.395967	1.214714	1.114224	1.638686	0.829392	1.302203
ENSMUSG Chsy1	13.27364	13.71453	15.79729	13.26209	13.37213	15.393225
ENSMUSG Fhl3	2.254087	1.646305	2.023173	2.800991	3.110972	3.717651
ENSMUSG 1700024P	0	0	0	0	0	0
ENSMUSG Prss22	0.214163	0.056759	0	0.026812	0.105896	0.078599
ENSMUSG Abhd8	16.92122	17.62082	18.42711	20.22881	17.90728	18.381937
ENSMUSG Olfr1312	0	0	0	0	0	0
ENSMUSG Gm47996	0	0	0	0	0	0
ENSMUSG Il4i1	0.085457	0.089828	0.026065	1.257309	1.838877	1.704217
ENSMUSG Kcnk1	7.774706	10.59062	8.856638	9.237793	9.933748	10.991684
ENSMUSG Ttc37	5.613985	5.036852	5.097846	5.438575	5.531474	6.045093
ENSMUSG Cd44	45.43508	44.4591	42.23131	60.83589	66.78862	69.527614
ENSMUSG Slc1a2	0.367606	0.514657	0.452376	0.635673	0.551909	0.546991
ENSMUSG Hoxc8	0	0	0	0	0	0
ENSMUSG Efcab8	0	0	0	0	0	0
ENSMUSG S100a1	85.50056	83.41662	77.66231	117.759	98.48042	115.72649
ENSMUSG Lmod3	0	0.507305	0.075507	0.056879	0.025286	0.024946
ENSMUSG Spem2	0	0	0	0	0	0
ENSMUSG Rps6ka4	22.42555	20.60279	22.07073	17.34678	19.14941	18.513597
ENSMUSG Prdx5	56.25512	66.94559	72.78378	79.56921	69.52989	77.213152
ENSMUSG Kcnk4	0.034414	0	0.057262	0.047623	0	0
ENSMUSG Esrra	12.29003	12.65275	12.07614	15.39136	14.43408	15.766828
ENSMUSG Gpr137	10.20955	10.86886	11.90718	12.91187	12.05522	11.304406
ENSMUSG Bad	18.83569	22.50847	23.90184	25.81548	20.09501	23.629777
ENSMUSG Olfr314	0	0	0	0	0	0
ENSMUSG Olfr248	0	0	0	0	0	0
ENSMUSG Fam229b	1.263201	1.352351	0.818202	1.70364	1.137756	1.613967
ENSMUSG Olfr479	0	0	0	0	0	0
ENSMUSG Acss2	13.06208	15.60348	13.0979	13.2232	11.90476	15.940405
ENSMUSG Rin1	6.357058	5.756944	8.072344	8.917563	8.188897	8.941204
ENSMUSG Clrn1	0	0	0	0	0	0.087284
ENSMUSG Map1lc3a	40.59729	36.59197	34.90339	31.53746	31.08344	30.514128
ENSMUSG Mettl5	3.999151	5.07361	4.887918	5.080979	4.629006	5.672896
Mus_musc Mus_musc	0.516652	0.582653	0.464788	0.483632	0.425414	0.125094
Mus_musc Mus_musc	1.265854	0.270435	0.425788	0.374667	0.392435	0.574642
Mus_musc Mus_musc	0	0.333372	0	0	0	0
ENSMUSG Zfp592	10.63615	10.59113	9.310947	7.857794	8.015745	8.139545
Mus_musc Mus_musc	0	0	0	0	0	0

ENSMUSG Psm�4	60.14197	56.73078	65.12309	55.05692	54.22314	54.836332
Mus_musc Mus_musc	0.450666	0.121982	0.249157	0	0.387833	0.127593
ENSMUSG Tmod4	1.518094	2.610623	3.365944	1.891597	1.774119	1.377237
ENSMUSG Fjx1	2.077286	1.449394	1.788815	1.960375	1.887714	1.814652
ENSMUSG Snx16	2.683016	2.983629	2.906005	2.621547	2.287123	2.651275
ENSMUSG 9-Mar	2.557648	2.458638	2.758938	2.970479	2.863957	2.660425
ENSMUSG Ambra1	9.178536	8.246212	8.27237	7.910268	7.658894	8.843568
ENSMUSG Abcg5	0.021834	0.016606	0	0	0.141803	0.060168
ENSMUSG Gm4847	0	0	0	0	0	0
Mus_musc Mus_musc	0.148025	0	0.370799	0.595793	0	0.267101
ENSMUSG Tefm	3.963259	4.11142	3.324331	3.430629	4.42224	3.005439
ENSMUSG Ltb4r1	2.357275	1.615296	2.339173	2.99173	2.27687	3.982863
ENSMUSG Dcaf8	40.06914	39.33917	34.66708	34.65112	33.14301	35.36879
ENSMUSG Vangl2	3.082858	2.862879	2.829714	1.735292	2.292686	2.276695
ENSMUSG Copa	52.51586	48.66632	49.43806	46.79637	53.94008	54.409057
ENSMUSG Uck2	5.976129	5.310803	5.866226	5.162994	5.702305	5.857131
ENSMUSG Rbm4	7.62886	8.253481	9.363962	7.679338	9.200852	8.306576
ENSMUSG Taz	22.44073	20.54846	23.34257	20.87916	18.02459	19.843525
ENSMUSG Sh3pxd2b	3.912185	4.45766	3.522135	8.06918	10.08613	10.235717
ENSMUSG Gm45015	0	0	0	0	0	0
ENSMUSG Gm2007	0.658845	0.939133	0.989679	0.663928	0.610471	1.383994
ENSMUSG Gm4141	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.133617	0.27213	0.550004	0.297193	0.274536
ENSMUSG Klc3	4.828499	6.183413	3.929231	4.316067	4.354771	2.813807
Mus_musc Mus_musc	0	0.10991	0	0.289127	0	0.079234
ENSMUSG Birc2	14.45519	14.33687	14.37974	17.50373	17.86777	13.806566
ENSMUSG Ciao1	15.24825	14.78206	14.83141	12.14401	12.29683	11.002029
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Snrnp200	25.09653	23.03118	22.90476	19.52572	21.59258	21.833952
ENSMUSG Uxs1	4.813806	5.227561	5.387769	6.112526	5.426503	5.864484
ENSMUSG Has1	7.114544	5.394232	2.209636	0.637007	0.355562	1.120239
ENSMUSG Sec22c	3.756793	3.624448	3.349639	3.284195	3.610669	3.371423
ENSMUSG C1qtnf7	7.914645	6.783221	6.431625	5.559064	5.029057	4.309538
ENSMUSG Cep128	2.284199	2.450603	2.257303	3.088452	3.471108	3.490604
ENSMUSG Tmem236	0	0.02387	0.027702	0.042803	0.0399	0.015101
Mus_musc Mus_musc	0.04793	0.058295	0.106849	0.255224	0.426385	0.307607
Mus_musc Mus_musc	0.374166	0.272758	0.467571	0	0.173123	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0.114639
ENSMUSG Rnls	3.634531	3.254389	2.848617	2.820085	2.332414	3.097889
ENSMUSG Olfr588-ps	0	0	0	0	0	0
ENSMUSG Trappc6a	17.41728	18.15914	18.6731	19.9611	15.71909	18.102404
ENSMUSG Zfp830	12.10753	11.26283	12.70695	11.05183	11.65589	9.790582
ENSMUSG Olfr1364	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.054305	0
Mus_musc Mus_musc	0.310025	0.079195	0.039181	0.141933	0.522801	0.780678
ENSMUSG Eef1a2	0.560305	4.547533	0.942768	2.65408	2.547132	3.099084
ENSMUSG Tbc1d22b	6.952634	7.570584	8.34097	8.042716	7.241466	7.882142
Mus_musc Mus_musc	0.146073	0.165109	0.239549	0.280657	0.163531	0.166396
ENSMUSG Kcnq2	0	0	0	0	0	0
ENSMUSG Cdrt4	0	0.203825	0	0.269569	0	0
ENSMUSG Ppdpf	33.88485	34.74055	31.03163	33.76389	32.79014	30.099986
Mus_musc Mus_musc	0	0.287423	0.154779	0.135346	0.186165	0.450406
ENSMUSG Zpld1	0.250569	0.181544	0.271851	0.172274	0.063961	0.175855
ENSMUSG Ctsf	13.0812	14.30778	12.83359	11.49673	13.07068	12.788013
Mus_musc Mus_musc	0	0	0.146195	0	0	0
Mus_musc Mus_musc	0	0.209945	0.387289	0	0	0
Mus_musc Mus_musc	0.325877	0.209635	0.232062	0.300193	0.392154	0.35641
Mus_musc Mus_musc	0.131968	0.0986	0.176744	0.263798	0.570391	0.213525
Mus_musc Mus_musc	1.049351	1.060969	1.760374	0.646038	1.089154	0.757952
Mus_musc Mus_musc	36.09096	37.13228	29.98489	28.91544	29.11249	26.67324
ENSMUSG Olfr772	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.429985	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.404833	0.211375	0.582314
Mus_musc Mus_musc	0	0	0	0.235865	0	0

Mus_musc Mus_musc	0	0.073226	0.255297	0	0	0
ENSMUSG Actl10	0	0.061683	0.033314	0.03478	0	0.055219
Mus_musc Mus_musc	0.086313	0	0.091389	0	0.150413	0
ENSMUSG Ssty2	0	0	0	0	0	0
ENSMUSG Olfr476	0	0	0	0	0	0
ENSMUSG Gm906	0.006294	0.0047	0.016079	0.016563	0.013504	0
ENSMUSG Fam170b	0.024309	0.040991	0.029918	0.061635	0.105469	0.074914
Mus_musc Mus_musc	1.189866	1.358554	0.949737	0.314141	0.766332	0.596612
ENSMUSG Plac9a	4.468578	3.739639	3.189083	2.973795	2.607392	0.85734
ENSMUSG Olfr1186	0	0	0	0	0	0
ENSMUSG Xndc1	4.232826	4.430805	4.398519	3.882593	3.237314	3.506254
ENSMUSG Pvrig	0.070686	0.362198	1.003137	1.243732	0.578055	0.965105
ENSMUSG Olfr1228	0	0	0	0	0	0
ENSMUSG Crlf3	26.77435	23.30352	27.27091	22.24024	19.95022	22.687273
ENSMUSG Trim61	0	0	0	0.019981	0	0
ENSMUSG Kik13	0.84573	1.614158	1.275738	1.600532	2.57083	2.123251
ENSMUSG Gm6205	0	0	0	0	0	0
ENSMUSG Dynlt1a	2.179938	1.828868	1.005429	3.706498	2.892578	1.339146
ENSMUSG Ppp1r12c	35.35092	32.42197	38.84704	26.57628	27.69987	27.055922
ENSMUSG Ahr	24.04157	19.07631	19.14296	18.19846	23.06214	18.205701
ENSMUSG Gm47283	32.0608	16.08359	26.21061	20.57974	25.62388	15.747188
ENSMUSG Gm21117	0	0	0	0	0	0
ENSMUSG Gm4177	0	0	0	0	0	0
ENSMUSG Gm5726	0	0	0	0	0	0
ENSMUSG Gm21985	0.467873	0.093433	0.361192	0.348001	0.433092	0.507472
ENSMUSG Klrb1	0	0	0	0	0	0
ENSMUSG Klrb1b	1.264409	0.935498	1.445508	0.83941	0.527509	0.698934
ENSMUSG Clec7a	26.93546	20.99274	22.89734	107.1072	108.6545	121.07592
Mus_musc Mus_musc	0.147044	0.062859	0.07342	0.206022	0.175247	0.70352
Mus_musc Mus_musc	0	0.199456	0.103649	0.14856	0.216041	0.361938
Mus_musc Mus_musc	0.403228	0.550159	0.384305	0.580732	0.629222	1.202058
Mus_musc Mus_musc	0.788599	0.415577	0.308598	0.185115	0.220391	0.544136
Mus_musc Mus_musc	0	0	0.371402	0.167374	0.32683	0.271827
Mus_musc Mus_musc	0.622327	0.543864	0.459422	0.2593	0.36249	0.266965
ENSMUSG Gm28079	0	0	0	0	0	0
ENSMUSG Xpo5	9.035093	8.982554	9.240339	8.253368	8.433232	9.028371
ENSMUSG Col4a4	19.18348	17.89398	16.43608	15.01918	13.64568	12.88081
ENSMUSG Rwdd1	21.92023	20.914	22.51098	23.00406	23.3981	23.752962
ENSMUSG Trdn	0.09539	0.413715	0.124278	0.143399	0.065066	0.145121
ENSMUSG Clvs2	0	0	0	0	0	0
ENSMUSG Hey2	1.55867	2.013948	1.603304	1.12742	0.935292	1.23022
ENSMUSG Gm11172	0	0	0	0	0	0
ENSMUSG Cwf19l1	2.879343	2.509684	2.5205	2.204878	2.981305	2.322994
ENSMUSG Foxj1	20.78217	29.02303	15.96811	35.40652	35.03204	34.475979
Mus_musc Mus_musc	0.651551	0.11962	0.615067	0	0	0.659168
Mus_musc Mus_musc	0	0	0.267525	0.477354	1.070218	0.281038
ENSMUSG Scd3	3.899456	3.767004	4.781135	3.444513	3.169958	3.857045
ENSMUSG Nt5c1a	0	0.328223	0	0	0.089827	0
ENSMUSG B430218F2	0.156149	0.205071	0.357898	0.030359	0	0.084946
Mus_musc Mus_musc	0.573699	0.587007	0.68126	0.630173	1.174167	0.304015
Mus_musc Mus_musc	1.330867	1.061648	0.842191	0.64331	0.536495	0.7635
Mus_musc Mus_musc	0	0.14848	0	0.092809	0	0
Mus_musc Mus_musc	1.963919	1.565668	0.996144	1.785356	1.40902	1.541228
Mus_musc Mus_musc	2.277756	1.409297	1.432866	1.949674	1.533962	2.185453
Mus_musc Mus_musc	1.31131	0.44027	1.361354	1.553364	1.65943	1.222157
Mus_musc Mus_musc	0.529082	0	0.193403	1.166508	0.19313	1.074632
ENSMUSG Sema4g	0.822194	0.674286	0.995921	1.297127	1.043073	1.226355
ENSMUSG Kcne4	1.640198	1.954913	1.865991	1.747104	1.988692	2.144103
ENSMUSG B4galnt3	0	0.094751	0	0	0	0
ENSMUSG Ninj2	0.349048	0.156372	0.060252	0	0.127599	0.274825
ENSMUSG Ccdc9	25.88926	27.1239	29.14455	22.54178	22.82798	22.513225
ENSMUSG Trappc10	14.75238	15.78973	15.85037	14.97812	16.16183	16.121704
ENSMUSG Ccm2	21.89072	20.13563	28.07263	25.3578	24.12442	27.009433
ENSMUSG Gm3194	0.02178	0.005107	0.029362	0	0	0.030748

ENSMUSG Gm21518	0	0	0	0	0	0
ENSMUSG Olfr243	0	0	0	0	0	0
ENSMUSG Erich6b	0	0	0	0	0	0
ENSMUSG Slc25a30	5.653048	6.796682	5.822267	5.866995	5.894259	6.076362
ENSMUSG Zc3h13	10.88713	10.68654	9.946353	9.055515	8.562991	8.951778
ENSMUSG Gpalpp1	10.68506	10.84031	9.112352	8.982288	9.158421	9.002185
ENSMUSG Nufip1	2.394156	2.617064	2.644346	2.063234	2.663749	2.538625
ENSMUSG Tcp10b	0.080574	0.116687	0.168697	0.172336	0.033472	0.04199
ENSMUSG Hba-x	0	0	0.094064	0	0	0
ENSMUSG Srebf1	29.3211	28.40297	31.13383	29.42923	26.55509	30.207651
ENSMUSG Gm13306	0.094189	0.197113	0.215329	0.029003	0.077962	0
ENSMUSG Ggnbp2	26.68158	29.18988	30.24389	27.12674	25.86561	26.65202
ENSMUSG Acaca	8.087881	10.47889	8.08438	11.00224	9.821767	11.901975
ENSMUSG Shmt1	3.161876	3.276976	2.558228	3.707253	3.801152	4.672369
ENSMUSG Llgl1	13.18287	12.62116	13.95707	11.24356	10.40919	10.160678
ENSMUSG Drg2	16.81988	17.28807	15.17396	13.84295	16.12075	15.424687
ENSMUSG Ces2h	0	0	0	0	0	0
ENSMUSG Inafm1	6.323128	6.943629	8.180089	5.802924	5.391279	5.689003
ENSMUSG Ptprn2	0.185965	0.341015	0.269018	1.402053	1.269957	1.200909
ENSMUSG Gm8050	0	0	0	0	0	0
ENSMUSG Pinlyp	0	0	0.057114	0	0	0
ENSMUSG Lmcd1	13.80819	10.81605	13.82591	9.525674	9.880557	10.439633
ENSMUSG Colq	4.473486	2.60784	4.534864	3.498492	2.909678	3.144263
ENSMUSG Lce1a1	0	0	0.161268	0	0.094803	0
ENSMUSG Ebna1bp2	12.6919	13.25015	14.53219	11.71079	11.80461	11.605352
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	9.707959	7.918736	6.446867	4.863316	7.965942	6.599116
Mus_musc Mus_musc	0.058034	0	0	0.02766	0	0.086977
Mus_musc Mus_musc	0	0.260343	0	0.107326	0.117439	0.173691
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG 1700029F1	0	0	0	0	0	0
ENSMUSG Nexn	9.608774	10.79055	11.72749	8.830052	8.228619	8.280496
ENSMUSG Trpm3	0.100934	0.076926	0.040179	0.116286	0.130669	0.147983
ENSMUSG Nrros	16.66064	12.66506	17.01601	23.81121	21.74955	23.449071
ENSMUSG 6-Mar	26.84734	26.8048	23.95539	19.98164	22.39974	19.609995
ENSMUSG Rnase9	0	0	0	0	0	0
ENSMUSG Htr5a	0	0	0	0	0	0
ENSMUSG Atp6v1g1	103.511	101.0652	100.5518	103.6054	100.2394	92.227898
ENSMUSG F13a1	2.565752	3.763459	5.709076	5.505037	4.508488	6.034523
ENSMUSG Lsm14b	12.27204	13.33172	12.80658	10.95985	11.05979	10.59683
ENSMUSG Lnpep	16.37175	17.20972	14.83937	15.65673	14.82152	14.645672
ENSMUSG Zfp983	2.009576	2.573697	2.362493	2.209678	1.956716	2.227218
ENSMUSG Syt1	0.09897	0.097804	0.027513	0.060545	0.043962	0.049906
ENSMUSG Cdhr3	7.50865	8.778436	4.302179	10.29456	10.44206	9.653374
ENSMUSG Tmprss11k	0	0	0	0	0	0
ENSMUSG Palm	10.54593	10.18816	10.63641	8.800289	6.392733	9.101277
ENSMUSG Polr3c	9.233843	9.305642	9.207267	11.55265	9.230113	10.94012
ENSMUSG Rnf115	19.07594	20.04195	22.61656	19.63263	20.12219	21.034506
ENSMUSG Gpr89	4.838388	5.079902	5.03014	4.699514	4.975688	5.271287
ENSMUSG Acp6	7.912971	8.167922	7.467672	6.396433	6.604854	7.11625
ENSMUSG Galr3	0.282037	0.036687	0	0.053393	0.268391	0.303279
ENSMUSG Parp8	4.523142	4.768116	4.867987	6.327425	5.010421	4.738157
ENSMUSG Rnf180	1.487848	1.713768	1.605837	1.605879	2.581133	2.721689
ENSMUSG Htr1a	0	0	0	0	0	0
ENSMUSG Emb	71.26093	75.95984	66.83505	70.06892	67.88974	72.280754
ENSMUSG Tmem190	0.669124	0.796697	0.473538	0.566956	0.291291	0.488766
ENSMUSG Zfp58	3.04166	2.780855	2.736668	2.506755	2.912406	2.693286
ENSMUSG Tas2r107	0	0	0	0	0	0
ENSMUSG Trim50	0	0	0	0	0	0
ENSMUSG Gm10486	0	0	0	0	0	0
ENSMUSG Nedd9	35.43523	32.70398	36.56472	28.40649	26.57626	30.101544
ENSMUSG Mak	2.96165	2.700818	2.123498	2.661094	2.511182	2.124974
ENSMUSG Clec3a	0	0	0	0	0	0
ENSMUSG Flnc	1.001489	1.334611	0.917635	1.086215	1.05204	1.183271

ENSMUSG Prkg1	5.40339	4.446695	4.318052	3.202038	3.51341	3.181037
ENSMUSG Arhgef15	43.11988	40.61718	40.86291	23.85947	24.58452	21.618315
ENSMUSG Rnaseh2a	8.037323	8.259093	8.563861	6.541443	7.420021	8.546845
ENSMUSG Ctif	4.007296	4.139678	4.79592	3.512939	3.468673	3.67455
ENSMUSG Myoz1	0	0.071588	0.187022	0.150931	0	0
ENSMUSG Gpr88	0.380422	0.604923	0.294299	0.806123	0.730409	1.042855
ENSMUSG Gm17124	0	0	0	0	0	0
ENSMUSG Spink2	0.073984	0.057958	0	0.61278	1.204476	0.417119
ENSMUSG Ndufb4	18.74795	19.8579	18.45893	18.96462	15.10728	19.450809
ENSMUSG Hgd	0.065181	0.049774	0.042681	0	0	0
ENSMUSG Abcc5	17.06698	17.46761	18.13755	18.93111	17.59747	20.007686
ENSMUSG Muc13	0.028499	0.089136	0.051153	0.224682	0.155344	0.090278
ENSMUSG Rabl3	2.36764	1.989907	2.505678	3.297151	2.271807	3.166361
ENSMUSG Gtf2e1	5.559061	5.80406	5.430662	6.038597	5.608337	5.503072
ENSMUSG Stxbp5l	0	0	0	0	0	0.02448
ENSMUSG Zc3h10	5.910336	5.700845	7.279382	5.427709	4.63407	5.630748
ENSMUSG Alpk2	0	0.058922	0	0.14737	0.103815	0.106513
ENSMUSG Abcc10	2.010436	1.99701	2.021391	2.124479	1.913032	1.737688
ENSMUSG Prr5l	9.128542	7.89224	9.466173	5.937232	5.379646	5.436227
ENSMUSG 2410131K:	4.132864	3.499397	4.165357	3.287069	3.270074	3.996
ENSMUSG Abcc4	3.052377	2.549775	2.979335	3.069328	2.746335	3.098726
ENSMUSG Sgpl1	21.62261	21.19487	19.84491	29.53098	30.2076	34.541968
ENSMUSG Tbeta	1.236537	1.063923	0.328632	1.022499	0.726245	1.20623
Mus_musc Mus_musc	1.102918	0.704612	0.579925	0.863242	1.058014	0.934158
ENSMUSG Pald1	28.02892	25.68593	28.14815	19.02793	18.75787	18.404774
ENSMUSG Eif4ebp2	46.31761	46.77926	44.16505	38.15481	40.10758	37.601807
ENSMUSG Npffr1	0.032428	0.039919	0.029135	0.023118	0	0
ENSMUSG Jakmip1	1.689446	0.908561	1.198254	2.586638	2.80157	3.65235
ENSMUSG Unc5b	5.834749	5.609061	6.104752	4.900098	4.806999	6.630756
ENSMUSG Pcbd1	6.764366	5.487367	4.333244	5.991601	5.587402	7.241197
ENSMUSG 20101110	20.51089	18.62713	17.65079	23.1903	20.15379	22.845539
ENSMUSG Fthl17f	0	0	0	0	0	0
ENSMUSG Trim6	0.513219	0.616234	0.670561	0.267686	0.389505	0.351988
ENSMUSG Art1	0.024066	1.384127	0.119726	0.719363	0.865891	0.150982
ENSMUSG D7Ertd443	0	0.043565	0.030441	0.017473	0	0.056941
ENSMUSG Pgap2	18.78678	20.30186	19.82986	27.34027	28.37495	29.220262
ENSMUSG Usp17la	0	0	0	0	0	0
ENSMUSG Bub1	0.265695	0.485458	0.601474	1.08769	1.921741	1.449773
ENSMUSG Sema4d	6.977269	5.504736	9.109905	13.94001	12.41564	13.610662
ENSMUSG Cacna1e	0.136969	0.154495	0.087689	0.750514	0.580219	0.961651
ENSMUSG Prom2	0.39202	0.227249	0.217863	0.119264	0.098407	0.227045
ENSMUSG Mal	7.041905	8.24813	7.408015	9.185428	9.075916	10.456714
ENSMUSG Mrps5	4.63008	4.591088	5.244467	4.784764	4.378646	4.123803
ENSMUSG Gm4884	0	0	0	0	0	0
ENSMUSG Fahd2a	4.239247	4.793972	4.70845	3.885762	4.17013	4.116586
ENSMUSG Akr1c14	62.83264	72.54987	50.27348	28.48905	35.31484	25.45985
ENSMUSG Adra2a	0.110365	0.216179	0.072712	2.824455	2.792969	2.675764
ENSMUSG 4930474N	0	0	0	0	0	0
ENSMUSG lghv6-5	0	0	0	0.17543	0	0
ENSMUSG Foxn3	11.78242	13.18529	10.16905	11.19005	11.03151	11.390245
ENSMUSG Olfr890	0	0	0	0	0	0
ENSMUSG Bst2	55.11911	50.50394	109.063	64.61626	53.14251	57.648666
ENSMUSG Gm21860	0.28722	0.222725	0.360288	0.585215	0.751754	0.299824
ENSMUSG Fbp2	12.26426	10.37069	13.93524	9.207562	10.15881	13.242366
ENSMUSG Glipr1l1	0	0	0	0	0	0
ENSMUSG Syk	11.02918	10.61406	11.48839	23.1916	23.85246	25.558023
ENSMUSG Endod1	19.15716	19.5664	18.38445	17.41365	17.58646	18.668861
ENSMUSG Best1	0.086603	0.08261	0.032975	0.028278	0	0
ENSMUSG Serpine1	17.2834	12.23097	14.66908	6.051324	6.657371	7.350108
ENSMUSG Tbc1d2b	20.06943	20.0194	18.42073	16.42243	16.3631	16.403813
ENSMUSG Dmxl1	8.142188	9.114076	6.418815	7.772066	8.114599	7.290668
ENSMUSG Ranbp10	9.716062	9.695989	9.527213	8.500122	9.013937	9.075608
ENSMUSG Sass6	1.548087	1.967078	1.866902	2.375172	2.259557	2.449058
ENSMUSG 1700066B:	0.137719	0.014562	0.069895	0.218771	0.261399	0.420377

ENSMUSG Ecsr	73.81246	64.88313	76.19167	54.77994	53.35515	50.24155
ENSMUSG Slc50a1	36.11311	33.23768	36.72235	30.16621	28.26475	29.213399
ENSMUSG Pmvk	17.04396	19.59212	20.07337	16.64085	18.56391	21.054995
ENSMUSG Adar	12.72182	11.32458	15.06312	13.17317	14.01076	13.919547
ENSMUSG Chrn2	0.210473	0.375231	0.345249	0.392853	0.343078	0.413808
ENSMUSG Slc35a3	10.22336	10.22267	9.330978	9.155351	9.987871	9.587766
ENSMUSG Tmem144	2.298584	1.968496	1.934809	1.644252	1.757955	1.498563
ENSMUSG Fam198b	9.439474	8.622712	7.289753	7.199509	7.269507	8.909944
ENSMUSG Pcdhb22	0.364711	0.599487	0.513911	0.612772	0.382063	0.440284
ENSMUSG Gab1	18.95412	18.57331	18.24308	12.68524	13.75425	12.834207
ENSMUSG Smarca5	13.52613	13.38777	12.55802	12.87951	12.59296	12.689582
ENSMUSG Il15	2.903699	2.559186	3.504752	2.180421	2.765897	2.81815
ENSMUSG Ucp1	0.028963	0	0	0	0	0
ENSMUSG Zfp330	14.92201	12.98744	16.28605	14.34272	13.70762	14.092392
ENSMUSG Phyhip	0.308656	0.606471	0.107088	0.544552	0.411933	0.479416
ENSMUSG Trak2	33.35691	34.71685	30.80438	24.70663	26.92489	22.835927
ENSMUSG Casp8	15.47966	14.38511	21.54912	17.33741	17.86817	16.656536
ENSMUSG Smarcd1	9.318278	7.482054	8.528163	7.555373	6.853245	6.897649
ENSMUSG Gpd1	10.01042	11.96471	7.643195	14.41591	12.26642	17.035652
ENSMUSG Als2	5.183429	5.583431	5.262172	6.03486	6.140309	6.615528
ENSMUSG Asic1	1.336742	1.241376	1.400437	1.176237	1.001032	1.120407
ENSMUSG Stradb	5.863526	5.642354	5.60847	5.254048	6.264624	5.950487
ENSMUSG Nop58	3.36841	3.190288	3.887086	3.766234	3.404998	4.216142
ENSMUSG Aqp2	0.228049	0.228908	0.077265	0.088541	0.017893	0.028082
ENSMUSG Tmbim6	376.9787	334.1739	359.1952	300.5389	292.6345	290.25175
ENSMUSG Cdk15	0	0	0	0	0	0
ENSMUSG Mrgpra1	0	0	0	0	0	0
ENSMUSG Nek9	34.89312	33.97985	32.12677	25.77413	29.56081	28.193508
ENSMUSG Traf3ip1	9.138842	10.02104	8.724461	10.72525	10.15036	9.891079
ENSMUSG Sdhd	43.781	48.20742	46.12918	59.84975	63.70683	66.11763
ENSMUSG Fhod3	0.303974	0.48938	0.306687	0.379125	0.259726	0.325076
ENSMUSG Med13	13.49084	13.22016	11.0831	11.15508	12.12562	11.143517
ENSMUSG Gm7298	0	0	0	0	0	0
ENSMUSG Gpr35	1.253242	0.97808	2.049009	4.610837	4.443329	4.46404
ENSMUSG Krt82	0	0	0	0	0	0
ENSMUSG Agps	13.31602	14.60088	11.97887	13.77402	13.77573	13.88194
ENSMUSG Sprr2h	0	0	0	0	0	0
ENSMUSG Adam29	0	0	0	0	0	0
ENSMUSG Copz1	38.14403	42.46355	42.07293	44.15996	47.85263	46.378638
ENSMUSG Kbtbd6	0.520741	0.443741	0.40531	0.609952	0.511072	0.695935
ENSMUSG Nudt19	7.069916	6.31043	6.770973	8.42373	7.854971	8.662444
ENSMUSG Fam151a	0.007306	0.079519	0.057734	0	0.003183	0.066637
ENSMUSG Gipc3	5.327094	4.350022	4.680602	2.847074	2.457966	2.517927
ENSMUSG Mdga1	0.043788	0.10925	0.153617	0.263451	0.530619	0.358757
ENSMUSG Fbxl7	2.475788	2.393859	2.266341	1.910609	2.052165	2.192918
ENSMUSG Vmn2r5	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.329891	0	0	0
Mus_musc Mus_musc	0	0	0	0.301762	0	0
Mus_musc Mus_musc	0.192618	0.554916	0.22645	0.238723	0.123553	0.062085
Mus_musc Mus_musc	0.49058	0.781626	0.560362	0.65628	0.326039	0.380404
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.140069	0	0.097624	0.555045	0	0.183771
ENSMUSG Olfr624	0	0	0	0	0	0
ENSMUSG Ttc6	0.69214	1.038045	0.604395	0.514482	0.73045	0.472507
ENSMUSG Epm2aip1	10.81491	11.52026	8.017696	8.653226	7.966427	9.609082
ENSMUSG Pakap	1.600428	1.51512	0.836223	1.606271	0.568556	1.810561
ENSMUSG Pira2	5.041058	4.217594	5.706275	7.502357	7.547584	8.764253
ENSMUSG Ugt1a5	0	0	0	0	0.039232	0
ENSMUSG Epor	2.564132	2.169212	2.14367	1.324806	1.455158	1.240267
ENSMUSG Slc35e2	4.885281	4.648497	3.973639	4.512342	4.27968	4.073465
ENSMUSG Zfp688	3.644751	4.265171	5.012097	6.136575	3.767536	5.426068
ENSMUSG Zfp574	8.446216	8.745495	9.131908	7.177144	6.860752	7.803014
ENSMUSG Kdm5b	6.241395	5.868082	5.060026	5.518614	4.97272	4.778524

ENSMUSG Morn2	5.628597	6.695812	5.115484	5.101818	4.976928	5.990079
ENSMUSG Klhdc9	0.269284	0.356421	0.223549	0.876334	0.518416	1.431694
ENSMUSG 0610010FC	6.047535	5.299514	5.254204	4.796935	5.100914	5.257535
ENSMUSG Cmtm7	8.715772	7.093176	11.19196	20.9655	20.62576	21.218041
ENSMUSG Stt3b	37.25203	35.721	37.83	34.41076	37.42648	38.543705
ENSMUSG Cmtm6	43.99547	40.2078	42.73795	45.76977	46.11679	45.106659
ENSMUSG Dync1li1	18.93634	19.01418	19.87489	17.13491	18.16034	17.624592
ENSMUSG Crtap	20.28156	18.57173	20.35363	18.03874	19.00665	22.699415
ENSMUSG Spata32	0	0	0	0	0	0
ENSMUSG Zfp36	63.68902	37.50207	51.64491	22.44951	26.95955	25.445256
ENSMUSG Hjurp	12.31766	13.54482	12.58513	10.6894	11.99325	11.692434
ENSMUSG Fads6	0.884215	0.864861	0.712391	0.884597	0.766644	1.488259
ENSMUSG Slc22a5	12.62768	12.57829	11.98536	7.20865	8.883539	7.954428
ENSMUSG Cfap77	2.862799	2.430194	1.655945	3.581161	2.630421	3.026415
ENSMUSG H2-Q1	35.11194	33.58885	74.85326	60.66048	42.68994	58.395828
ENSMUSG Zfx	8.288802	8.680926	8.050434	7.186028	6.662863	6.734156
ENSMUSG Apoo	6.19657	4.862292	7.656088	9.572016	8.524061	5.425471
ENSMUSG Alox12e	0.037897	0	0.020786	1.297936	0.849211	0.971541
ENSMUSG 5430402E1	0	0	0	0	0	0
ENSMUSG Olfr683	0	0	0	0	0	0
ENSMUSG Proca1	1.90913	2.427656	1.596695	1.932212	2.655841	1.48449
ENSMUSG Crx	0	0	0	0	0	0
ENSMUSG Selenow	137.2288	139.7803	151.6915	131.3982	115.7474	122.13075
ENSMUSG Camsap2	16.4393	18.59107	14.80252	12.01592	13.56788	12.795216
ENSMUSG Prelp	95.16447	91.26129	102.4394	66.66538	65.68307	61.586658
ENSMUSG Atp9b	14.84519	13.83914	13.97301	12.55535	12.3644	12.265057
ENSMUSG Sall3	0	0	0	0	0	0
ENSMUSG Smad2	13.08039	13.2324	14.18457	15.4278	13.03818	14.875791
ENSMUSG Mbd1	27.64208	29.98871	26.73607	22.86362	23.7356	22.957884
ENSMUSG Cxxc1	24.333	24.98788	23.68407	22.12436	20.81577	22.417393
Mus_musc Mus_musc	0.83865	0.865172	0.962455	0.639942	0.612519	0.57948
Mus_musc Mus_musc	0.54184	0.669072	0.372159	0.350491	0.19353	0.60078
Mus_musc Mus_musc	0.308276	0	0.189811	0	0	0.139841
Mus_musc Mus_musc	0.887966	2.310779	3.387562	4.558029	1.947953	2.713507
Mus_musc Mus_musc	28.70606	28.12541	33.07517	28.95818	26.39052	25.9179
ENSMUSG Olfr1247	0	0	0	0	0	0
ENSMUSG Olfr1241	0	0	0	0	0	0
ENSMUSG Olfr1243	0	0	0	0	0	0
ENSMUSG Olfr1242	0	0	0	0	0	0
ENSMUSG Olfr1239	0	0	0	0	0	0
ENSMUSG Khdc1b	0.017323	0	0.067922	0	0.025116	0
ENSMUSG Cers6	5.908937	5.798792	7.078154	7.300741	6.772385	6.770864
ENSMUSG Stk39	3.364053	3.147826	2.758112	3.138647	3.435232	3.411144
ENSMUSG Gm13199	0.566999	0.691845	0.486554	0.878764	0.522143	0.237633
ENSMUSG Tppp3	231.4027	245.6017	214.9683	146.9426	130.4477	141.84256
ENSMUSG Tubb1	6.213529	5.499545	8.546836	2.808702	2.901433	2.602318
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Dnajc5	29.52889	27.07737	25.91153	26.51852	24.18421	25.375801
ENSMUSG Tpd52l2	31.18144	30.50906	31.59167	23.55598	30.69477	28.797673
ENSMUSG Zfp512b	6.661858	5.887898	6.076627	5.641429	4.860754	5.238844
ENSMUSG Kndc1	1.477464	1.757202	0.981137	1.842414	1.692379	2.098777
Mus_musc Mus_musc	0.200175	0.063069	0.213126	0.238027	0	0
Mus_musc Mus_musc	0.061024	0	0	0.375211	0.493428	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Olfr138	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.392194	0	0.14746
Mus_musc Mus_musc	0.112885	0	0.486466	0.208	0	0
ENSMUSG Cts8	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.88762	0.408138	0.099584	0	0.241778
Mus_musc Mus_musc	0	0.074615	0.063965	0.372627	0.333305	0.250508
Mus_musc Mus_musc	0.667642	0.571631	0.706858	0.828581	0.508664	0.669586
Mus_musc Mus_musc	0	0.246227	0.271254	0.44503	0	0
Mus_musc Mus_musc	0.26677	0.312356	0.559469	0.642772	0.312418	0.46579

Mus_musc Mus_musc	0.237809	0.385395	0.291966	0.21692	0.151845	0.289822
Mus_musc Mus_musc	0	0	0	0.175408	0.318124	0
Mus_musc Mus_musc	0.074552	0	0	0.59172	0.529274	0.701156
Mus_musc Mus_musc	0.627458	0.24667	0	1.028643	0.440158	1.113408
Mus_musc Mus_musc	0	0.214517	0	0.090026	0	0
ENSMUSG Olfr379-ps	0	0	0	0	0	0
ENSMUSG Ceacam13	0	0	0	0	0	0
ENSMUSG AB124611	4.172275	3.16976	7.391874	10.21307	8.581443	10.321185
ENSMUSG Slc44a2	101.8272	97.11317	97.55922	71.09288	71.38408	75.366816
ENSMUSG Jmjd7	1.134364	0.464346	1.240108	2.061422	1.248745	1.642451
ENSMUSG 1700064H	0	0	0	0	0	0
ENSMUSG Gm28044	0.02966	0.098421	0.022035	0.095721	0.051345	0.052345
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.894055	0.880776	1.020261	0.594392	0.516625	0.836968
Mus_musc Mus_musc	0	0	0	0.238283	0.403793	0
Mus_musc Mus_musc	0.160213	0.193803	0.226769	0.342138	0.066733	0.336547
Mus_musc Mus_musc	0	0	0	0.198111	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.052435	0.233754	0.091983	0.150039	0.100736
Mus_musc Mus_musc	2.418154	2.034015	2.63782	3.132667	2.820982	3.235256
ENSMUSG Gm21812	0	0	0	0	0	0
ENSMUSG Snrpa	24.94981	24.19163	28.31079	27.11111	26.35542	29.873075
ENSMUSG Hist1h2ap	0	0.024011	0	0.216257	0.116199	0.114639
ENSMUSG Olfr143	0	0	0	0	0	0
ENSMUSG Rps7	190.2887	179.5156	188.0319	238.5566	203.7945	217.67832
ENSMUSG Mrps36	13.89956	15.28346	13.9684	20.83878	19.37055	18.8256
Mus_musc Mus_musc	0	0	0	0.160062	0	0
Mus_musc Mus_musc	0.035706	0.120798	0.166035	0.114964	0.268158	0.136372
Mus_musc Mus_musc	0.521482	0.570622	0.416763	0.636581	0.578693	0.683181
ENSMUSG Olfr463	0	0	0	0	0	0
ENSMUSG Gm5935	0	0	0	0	0	0
ENSMUSG Rpl36-ps4	0	0	0	0	0	0
Mus_musc Mus_musc	0.128885	0.036802	0	0.204408	0.463635	0.193046
Mus_musc Mus_musc	0.376063	0	0	0	0	0
ENSMUSG Gm20918	0	0	0	0	0	0
ENSMUSG Gm17027	0	0	0	0	0	0
ENSMUSG H3f3b	225.0953	201.8614	185.3869	176.754	170.3435	159.05696
Mus_musc Mus_musc	0	0	0	0.348032	0	0
Mus_musc Mus_musc	1.783775	1.883436	1.609122	2.33121	0.9189	0.683783
ENSMUSG Foxred2	0.511567	0.560892	0.442337	0.848667	0.590589	0.857733
Mus_musc Mus_musc	0.93203	0.911975	0.96191	0.400888	0.387888	0.222487
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.316024	0	0
Mus_musc Mus_musc	0.136047	0.253746	0.129524	0.380761	0.173837	0.22091
ENSMUSG Olfr1120	0	0	0	0	0	0
ENSMUSG Rtl1	0	0	0	0.001779	0	0
ENSMUSG Vmn2r91	0	0	0	0	0	0
ENSMUSG Gm3047	0	0	0	0	0	0
ENSMUSG Gm7271	0	0	0	0	0	0
ENSMUSG Vmn2r71	0	0	0	0	0	0
ENSMUSG Prr23a3	0	0	0	0	0	0
ENSMUSG Asb11	0.236829	0.782994	0.33495	0.562993	0.959172	0.935592
ENSMUSG Vmn1r7	0	0	0	0	0	0
Mus_musc Mus_musc	0.114843	0.276031	0	0	0	0
ENSMUSG Olfr45	0	0	0	0	0	0
ENSMUSG Rfxank	5.4084	6.080993	5.796429	5.93112	5.736661	5.691901
ENSMUSG Slc9a3	0	0.02403	0	0.028731	0	0.007845
ENSMUSG Mdh1	42.93419	54.97554	44.39512	53.91872	52.83192	52.880554
ENSMUSG Kif18a	0.959234	1.318659	0.886606	0.939233	1.119877	1.058997
ENSMUSG Lexm	0	0	0	0.021295	0	0
ENSMUSG Bsx	0	0	0	0	0	0
ENSMUSG Rhob	158.8428	134.5981	155.65	81.65869	108.7141	98.859871

ENSMUSG Abca16	0	0	0	0	0	0
ENSMUSG Hs3st3b1	2.352327	2.507864	2.048562	2.945607	2.947827	2.843879
ENSMUSG Cd209f	0.776079	0.766147	0.363939	1.279664	0.995095	1.743112
ENSMUSG Olfr860	0	0	0	0	0	0
ENSMUSG Suds3	26.91089	29.60247	27.35651	25.6822	26.47411	26.770985
ENSMUSG Mpp7	6.70827	6.822728	5.522591	4.945097	4.702076	4.617984
ENSMUSG Aen	9.029487	7.027131	11.03529	11.03608	8.375339	7.419738
ENSMUSG Acan	0	0	0	0	0	0
ENSMUSG Eef1e1	3.310068	3.220253	3.920867	3.430838	4.36482	4.183417
ENSMUSG Mfge8	125.7721	109.607	150.7277	146.5757	135.2551	157.83223
ENSMUSG Phc3	10.74563	13.10766	8.988085	10.6097	9.964979	10.777145
ENSMUSG Psmc4	38.25663	35.25805	39.28798	34.17647	38.03545	36.015472
ENSMUSG Pak4	28.60572	29.3229	32.3371	20.6799	23.09388	22.097573
ENSMUSG Gramd3	6.425406	7.148932	6.486144	7.767834	8.695527	7.986047
ENSMUSG Olfr1205	0	0	0	0	0	0
ENSMUSG Olfr915	0	0	0	0	0	0
ENSMUSG Gm20914	0	0	0	0	0	0
ENSMUSG Dnajc28	2.330008	3.140861	2.734665	2.663379	2.459176	2.31308
ENSMUSG Il22ra2	0.218893	0.189149	0.222904	0.137862	0.204853	0.080812
ENSMUSG Slit2	5.741317	5.061406	5.043071	3.878111	3.721143	3.91265
ENSMUSG Phxr2	0.041532	0	0	0	0	0
ENSMUSG Cc2d2a	5.391383	5.356957	4.148886	4.387371	4.96966	4.674641
ENSMUSG Zfp712	0.989819	1.105327	1.498414	1.143604	0.964938	0.875349
ENSMUSG Adam9	39.76664	40.45691	42.50445	43.5772	46.62385	45.831212
ENSMUSG Tm2d2	37.64692	42.33971	40.07319	37.86259	36.08323	40.016598
ENSMUSG Plekha2	24.42748	24.35256	29.18638	24.41449	23.63902	22.86446
ENSMUSG Ido1	0.313181	0.222332	2.561811	1.085272	0.269268	0.470217
ENSMUSG Adam18	0.089118	0.056992	0.079066	0.039284	0.070217	0
ENSMUSG Adam3	0.786933	0.809391	0.974865	0.392138	0.420415	0.304716
ENSMUSG Slc26a6	2.163674	2.091532	2.561481	3.058994	2.227844	3.367074
ENSMUSG Cyp1	0	0	0	0	0	0
ENSMUSG Gm49384	0.008743	0	0.035542	0.013687	0.027276	0.012216
ENSMUSG Med22	17.258	18.61529	19.09594	16.46875	15.93894	16.487243
ENSMUSG Rims2	0.523764	0.797375	0.29499	0.454556	0.490597	0.90989
ENSMUSG Fkbp8	85.209	87.81343	87.35581	82.06607	81.04401	88.666394
ENSMUSG Ffar3	0	0	0	0	0	0.044778
ENSMUSG Dmrtc1b	0	0	0	0	0	0
ENSMUSG Dse	7.435189	7.504725	8.05093	10.41421	12.46075	11.903493
ENSMUSG Cdnf	0.711561	0.751163	0.467953	0.516735	0.425526	0.507628
ENSMUSG Ccdc27	0.102612	0.075493	0.099308	0.043233	0	0.044878
ENSMUSG Igkv4-71	0	0	0	2.625125	2.729619	2.735765
Mus_musc Mus_musc	1.310752	0.70374	0.820664	0.739077	0.582697	0.739721
Mus_musc Mus_musc	0	0	0	0	0	0.085009
Mus_musc Mus_musc	0.508333	0.218693	0.312969	0.492496	0.243666	0.188156
Mus_musc Mus_musc	0.391798	0.161596	0.102089	0.233824	0.153996	0.357804
ENSMUSG Cylc2	0	0	0	0	0	0
Mus_musc Mus_musc	0.853593	1.350712	1.453468	0.645522	0.671768	0.626553
ENSMUSG Ppp1r3f	1.808995	1.38415	1.241904	0.781499	1.191007	0.935186
ENSMUSG Olfr924	0	0	0	0	0	0
ENSMUSG Nrp2	13.59355	13.99614	13.5358	21.20187	22.13358	22.537491
ENSMUSG Zfp119b	2.81873	2.889643	2.282919	3.08402	2.239419	2.100152
ENSMUSG Olfr183	0	0	0	0	0	0
ENSMUSG BC049352	0.086995	0.024848	0.08299	0.098582	0.027448	0.108749
ENSMUSG 4933402D	0.036045	0.081456	0	0.047513	0.02931	0.0527
ENSMUSG Fastkd2	1.81522	1.849544	1.843686	1.992361	1.782462	2.043334
ENSMUSG Mdh1b	1.430745	1.506647	0.753481	2.42833	2.027333	1.670963
ENSMUSG Adam23	1.992751	2.513533	1.812586	2.154948	2.013948	2.274338
ENSMUSG Eef1b2	72.11091	70.90423	75.02557	92.17481	87.81372	98.277371
ENSMUSG 4930447C	0	0	0	0	0	0
ENSMUSG Six6	0	0	0	0	0	0
ENSMUSG Pri2c3	0	0.032293	0	0.085486	0.083652	0
ENSMUSG Lrrc9	0.220924	0.329522	0.165066	0.28293	0.327559	0.201832
ENSMUSG Serpina3n	10.67684	9.948462	14.64375	47.00633	76.72535	51.703777
ENSMUSG Mok	2.07738	2.096795	1.985564	3.064189	2.866644	2.395683

ENSMUSG Zbtb25	2.446808	3.016061	3.000596	3.296799	2.515331	2.935809
ENSMUSG Dhrr7	36.98811	32.69911	36.46109	30.9265	32.34444	30.353647
ENSMUSG Gsc	0	0	0	0	0	0
ENSMUSG Ppm1a	13.07741	13.37659	12.7418	11.27651	10.6019	11.014834
ENSMUSG Clmn	2.161721	2.340664	1.853789	3.255479	3.038693	3.054444
Mus_musc Mus_musc	0.402993	0	0	0.352246	0	0
ENSMUSG Gbp5	5.329598	4.700527	43.86957	20.19321	5.428252	6.441497
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.265134	0	0	0	0	0
Mus_musc Mus_musc	0	0.609115	0	0	0	0
Mus_musc Mus_musc	0.532359	0.094083	0.070925	0	0	0.218269
ENSMUSG Tigd5	1.287336	0.924506	1.011611	0.586457	0.626611	0.854408
ENSMUSG Chkb	9.716232	10.228	9.675807	11.82832	8.017824	9.526782
ENSMUSG Pdx1	0	0	0	0	0	0
ENSMUSG Pan3	11.93086	12.47522	12.02349	10.28879	10.39006	9.899252
ENSMUSG Lmf2	26.47519	22.96442	25.23041	20.56793	21.6415	21.251905
ENSMUSG Miox	0	0	0	0	0	0
ENSMUSG Usp12	21.0677	20.63964	21.03808	18.5853	18.34504	19.082899
ENSMUSG Polr1d	14.38693	15.66731	18.56208	22.9092	27.26207	18.272264
ENSMUSG Pomp	27.35516	27.36211	33.00223	30.55888	29.26524	28.37396
ENSMUSG Flt1	64.51057	61.037	61.39096	34.14052	38.63872	33.177896
ENSMUSG Mapk8ip2	0.050374	0.033039	0.02924	0.043113	0.040308	0.02745
ENSMUSG Slamf7	1.359006	1.394188	2.186408	8.693168	7.046458	7.509273
ENSMUSG Slc43a2	13.30655	14.42404	11.35925	14.83603	16.37843	22.515513
ENSMUSG Pde4dip	9.903606	13.45565	9.033883	11.95963	12.53512	11.854149
ENSMUSG Enpp6	0.610851	0.575787	0.335153	0.141279	0.232858	0.477726
ENSMUSG Ttc39b	5.115963	4.401591	4.486905	5.076111	5.378988	4.830507
ENSMUSG Mylip	18.39171	17.71382	23.14243	16.57443	14.58314	13.887988
ENSMUSG Fam126b	5.218603	6.186244	4.427859	5.280525	5.42371	5.319975
ENSMUSG Mettl7b	0.062095	0.113382	0	0	0	0.041917
ENSMUSG Rabgef1	14.90891	15.40722	14.87596	13.51011	12.1494	12.067875
ENSMUSG Ctsk	13.56426	14.49507	14.10645	158.1059	199.1356	213.60963
ENSMUSG Myoz2	0.731109	8.786628	1.032218	3.497562	2.433798	1.915896
ENSMUSG Mettl14	6.89342	5.818893	5.601529	4.379193	4.681699	4.266711
ENSMUSG Bnpl	2.896351	3.464007	2.71084	3.544368	3.599766	4.233322
Mus_musc Mus_musc	0	0	0	0	0.150672	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.747666	1.194654	1.192098	1.664643	1.301151	1.549567
ENSMUSG Grik4	0.055544	0.033184	0.13648	0.097838	0.015032	0.082441
ENSMUSG Sco1	2.66296	3.522403	3.200507	3.24675	3.017253	3.400649
ENSMUSG Ssxa1	0	0	0	0	0	0
ENSMUSG Vmn1r51	0	0	0	0	0	0
ENSMUSG Gpr17	0.76745	0.489951	0.614752	0.277412	0.267398	0.213046
ENSMUSG Pgrmc2	23.14863	22.63928	20.07104	18.18941	18.88865	18.629271
ENSMUSG Ppp1r36	2.224878	2.208914	1.949178	3.898651	4.427443	2.931965
ENSMUSG BC030500	0	0	0	0.041308	0.069792	0
ENSMUSG 1500009L1	2.492517	1.825193	2.378515	1.91961	2.431972	1.869283
ENSMUSG Bves	0.126904	0.412622	0.105237	0.204812	0.158911	0.150495
ENSMUSG Gpr31b	0	0.071203	0.059121	0.02618	0.105351	0.039335
ENSMUSG Bcl3	4.939484	7.162387	11.31857	11.2602	9.440788	10.361855
ENSMUSG Pfn1	305.4138	295.9369	359.9316	377.5605	368.1755	402.09506
ENSMUSG Mterf1b	0.318678	0.716726	0.649811	1.083594	0.32098	0.756941
ENSMUSG Naa40	6.661116	6.926702	6.957952	7.912446	8.476317	8.400256
ENSMUSG Otub1	23.59591	21.44176	22.87271	21.04955	20.8265	21.302992
ENSMUSG Lipo3	10.89291	10.84974	10.43122	10.22372	9.574727	10.638735
ENSMUSG Ifna12	0	0	0	0	0	0
ENSMUSG Olfr726	0	0	0	0	0	0
ENSMUSG Spata31d1	0	0	0	0	0	0
ENSMUSG Lipf	0.927764	0.471239	0.922863	0.136278	0.21461	0.129361
ENSMUSG Vim	386.9381	345.0542	397.7988	410.9545	439.3568	495.40205
ENSMUSG Rsu1	52.67553	50.88238	50.61255	39.66397	41.08474	40.496359
ENSMUSG Cubn	0.153955	0.081895	0.032701	0.159955	0.142133	0.149989
ENSMUSG Tnn	12.10307	12.77127	11.37445	5.968916	6.228102	6.48395

ENSMUSG Trdmt1	3.343068	3.678155	2.732941	2.644273	2.560256	2.386259
ENSMUSG Rabgap1l	41.73713	45.13367	33.05594	38.475	36.88388	35.945351
ENSMUSG Bicdl2	3.104616	3.557358	2.533259	3.330468	3.618307	3.529715
ENSMUSG Ube2r2	19.08797	18.96953	19.60132	17.58245	17.59139	17.020498
ENSMUSG Armh4	0.551532	0.555057	0.73292	0.53464	0.562361	0.695011
ENSMUSG Tbc1d21	0.027237	0.05749	0.014352	0.03852	0.03274	0.03187
ENSMUSG Gmip	5.892637	4.902067	6.174136	7.652205	6.688283	7.269811
ENSMUSG Rbm43	8.902098	9.672699	9.685181	9.864907	8.586748	9.407815
ENSMUSG Asf1b	1.723744	1.594529	2.279174	3.185673	4.04213	4.798835
ENSMUSG Myl10	0	0	0	0	0	0
ENSMUSG Top1	37.56104	34.51572	30.08325	32.50397	34.30499	32.484844
ENSMUSG Frmd5	0.71425	2.100034	0.644502	0.555213	0.777658	1.010922
ENSMUSG Mrgprb1	0.013479	0	0	0.024949	0	0.013203
ENSMUSG Patl2	0	0	0	0	0.075713	0
ENSMUSG Creb3l1	5.281206	5.932637	4.082537	8.303171	7.518724	9.483753
ENSMUSG Eif3j1	8.752752	8.625223	7.201851	5.712507	7.649074	7.551686
ENSMUSG Ap3b2	0	0	0.01017	0	0	0.026727
ENSMUSG Klhdc8b	10.62594	8.980676	9.946995	10.56262	7.367749	8.414057
ENSMUSG Pecr	2.780034	2.783728	2.53431	3.787599	3.425722	3.005609
ENSMUSG Tmem169	0	0	0	0	0	0.018872
ENSMUSG Tnp1	0	0	0	0	0	0
ENSMUSG Ppm1f	44.79061	41.84123	40.4159	27.30049	26.52084	26.7321
ENSMUSG Cxcr2	5.675619	5.310995	6.198694	3.010595	3.047792	1.998475
ENSMUSG Xrcc5	6.491795	7.018535	5.961694	6.048747	6.719098	6.906155
ENSMUSG Igfbp5	95.95351	104.687	69.19161	87.06822	58.97937	103.39323
ENSMUSG Ulk4	1.917616	2.374056	1.178699	2.540631	2.148452	2.293148
ENSMUSG Padi6	0	0	0	0	0	0
ENSMUSG Tmem179	0.041794	0.33773	0	0.042115	0.072324	0.070656
ENSMUSG Ly9	3.074877	2.366342	4.703569	9.078108	8.200387	9.610356
ENSMUSG Pfdn2	14.49879	14.63545	15.81904	12.24277	12.4919	12.689378
ENSMUSG Nectin4	4.43299	3.659033	3.517065	4.631468	4.472027	4.788274
ENSMUSG Rnf114	45.73356	45.57481	60.56438	46.26945	45.83564	44.33395
Mus_musc Mus_musc	0	0	0	3.091579	1.238572	2.841738
ENSMUSG Diaph1	37.8777	39.10973	39.05535	36.22381	38.95928	36.165922
ENSMUSG Tdpoz4	0	0	0	0	0	0
ENSMUSG Mlycd	9.787045	10.12966	10.14633	10.03202	8.634082	10.443828
ENSMUSG Osgin1	10.78766	14.10507	10.54952	7.327773	7.336451	8.900368
ENSMUSG Fbxw16	0	0	0	0	0	0
ENSMUSG Fbxw19	0	0	0	0	0	0
ENSMUSG Fbxw15	0	0	0	0	0	0
ENSMUSG Tmem184l	63.62602	55.90681	62.31409	46.0344	48.06884	47.542898
ENSMUSG Pdcl	18.99543	15.75938	16.3046	16.06617	14.08489	15.431124
ENSMUSG Plac8	23.45579	18.17373	85.49343	45.06097	22.2876	31.486339
ENSMUSG 1700016H	0.463573	0.12381	0.262086	0.161687	0.200306	0.198892
ENSMUSG Slc10a6	10.56557	13.05682	12.28434	7.004314	7.390565	7.192673
ENSMUSG Enoph1	10.02999	9.466014	11.19891	9.322013	8.628505	9.214533
ENSMUSG Hnrnpdl	40.45701	35.90422	41.09728	30.20314	29.06326	27.816337
ENSMUSG Sri	53.71114	54.21764	49.34991	48.81002	42.74841	41.738877
ENSMUSG Dgcr2	29.18078	30.83252	27.94763	24.63216	25.84123	25.748158
ENSMUSG Olfr9	0	0	0	0	0	0
Mus_musc Mus_musc	0.473097	0.140549	0.598364	1.328795	0.846357	0.918775
ENSMUSG Edil3	5.936083	5.743834	5.551189	2.815939	3.384547	3.04552
Mus_musc Mus_musc	0	0	0	0.564728	0.299728	0.555392
ENSMUSG Diaph2	5.700471	6.445556	4.672528	4.688419	5.053709	5.355067
Mus_musc Mus_musc	0.041631	0.170822	0	0	0	0
ENSMUSG Ly6g5c	0	0	0	0	0	0
ENSMUSG Uaca	13.26544	13.41762	14.62035	10.96671	11.06762	11.509063
ENSMUSG Snx2	42.48319	43.15945	46.23929	45.09341	45.56681	45.498119
ENSMUSG Kdelc2	12.46465	12.55555	12.52445	10.27457	11.06601	9.786474
ENSMUSG Gbx2	0	0	0	0.024289	0.090504	0.153819
Mus_musc Mus_musc	0	0.04394	0.139391	0.419824	0.471345	0
ENSMUSG Olfr360	0	0	0	0	0	0
ENSMUSG Smn1	10.19655	10.57511	10.92284	9.3026	10.9803	10.358156
Mus_musc Mus_musc	0	0	0.095444	0.156223	0	0.259456

Mus_musc Mus_musc	0.128625	0.55147	0.087147	0.318443	0.106281	0
Mus_musc Mus_musc	0.441086	0.310774	0.308993	0.322007	0.188548	0.416522
ENSMUSG Vps13c	8.513472	8.88812	6.752642	9.97321	9.821813	10.521336
ENSMUSG Nat14	1.687442	2.865844	3.105895	2.526326	2.017581	2.133222
ENSMUSG Dmtf1	9.981328	9.005292	9.21516	8.145153	7.560135	7.823
ENSMUSG Adrb1	21.77942	18.30878	18.85025	11.54598	11.34559	10.85989
ENSMUSG Sdhaf3	0.852079	0.788858	0.814942	0.858286	0.726602	0.669981
ENSMUSG Elmsan1	15.52821	14.79171	14.40817	11.76693	12.62223	11.714711
ENSMUSG Usp22	18.7891	15.78644	14.29454	12.88659	12.82023	14.517163
ENSMUSG Cpa6	0	0	0	0	0	0
ENSMUSG Ago4	5.469825	5.118254	4.4643	3.836941	4.03292	3.863487
ENSMUSG Cd2bp2	19.08046	18.24611	19.52677	21.19787	18.49272	19.149911
ENSMUSG Mug1	0	0	0	0.021694	0.00894	0.044613
ENSMUSG Adamts14	1.212219	1.109522	3.844317	1.556678	1.148655	1.128212
ENSMUSG Scn8a	0.231812	0.107633	0.123329	0.144052	0.15734	0.046884
ENSMUSG Braf	8.063493	8.335989	7.200347	6.69492	6.808652	6.794994
ENSMUSG Gm12169	0	0	0	0	0	0
ENSMUSG Reg2	0	0	0	0	0	0
ENSMUSG Bbs10	0.888147	0.83976	0.807372	1.052658	0.874134	0.800982
ENSMUSG 1110065P	7.396893	6.974704	6.851725	7.122301	10.67956	8.525877
ENSMUSG Wdr18	7.871743	8.392179	8.131396	7.283606	7.085813	7.615991
ENSMUSG Ndufaf8	10.71611	11.78273	13.54088	17.51355	14.05001	11.699954
ENSMUSG Gm12887	0	0	0	0	0	0
ENSMUSG Tmco2	0	0	0	0	0	0
ENSMUSG Gm12886	0	0	0	0	0	0
ENSMUSG Rprm	4.818112	4.077887	5.427826	5.034669	5.992185	4.41063
Mus_musc Mus_musc	0.325721	0.32606	1.046054	0.782944	0.531929	0.243867
Mus_musc Mus_musc	0	0.173691	0	0	0	0
Mus_musc Mus_musc	0.335027	0.193335	0	0.128934	0.106889	0.051057
Mus_musc Mus_musc	0.811119	0.519731	0.692844	0.641318	0.343009	0.532901
Mus_musc Mus_musc	0.35153	0	0	0	0	0.095504
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.084628	0	0.144097	0	0.131364
Mus_musc Mus_musc	0	0	0	0	0	0.284652
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Lman2l	8.68161	10.68401	9.168079	9.61078	8.871841	9.190223
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Rhox2a	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.050475	0.327699	0.130767
Mus_musc Mus_musc	0	0	0.443872	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.061315	1.145434	1.743088	0.142024	0.053341	1.722743
Mus_musc Mus_musc	0	0	0	0	0.147922	0.353073
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Lgr4	1.028264	1.243623	0.929216	1.002777	0.940509	0.731667
ENSMUSG Olfr768	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Scd4	2.521506	2.735376	2.370892	2.428774	2.316717	2.878096
ENSMUSG Rhox13	0	0	0	0	0	0
ENSMUSG Gm5346	0	0	0	0	0	0
ENSMUSG Eif5a2	3.893788	3.682734	3.799904	3.411402	3.230628	2.724872
ENSMUSG Dcaf5	10.40913	10.31537	10.0968	8.93291	9.346167	9.12077
ENSMUSG Hhex	12.53933	8.826214	12.503	9.783367	9.676622	9.587349
ENSMUSG Pcdh10	0.012162	0.006754	0.050077	0.017879	0	0.017871
ENSMUSG Eif3d	39.94272	39.86793	43.22457	37.38875	41.75991	42.843945
ENSMUSG Slfn14	0.152059	0.12179	0.224595	0.171997	0.083422	0.118583
ENSMUSG Kyat3	2.343318	3.19268	2.812943	2.896992	2.16147	2.191388
ENSMUSG Emp3	34.652	31.47483	41.66588	55.2724	55.77612	63.892257
ENSMUSG Ttc12	4.0834	3.936864	2.911867	3.822827	3.995978	4.155841
ENSMUSG Zdhhc6	15.53883	15.2288	14.054	15.38923	16.78877	17.651726
ENSMUSG Olfr846	0	0	0	0	0	0
ENSMUSG Ccser2	27.71505	27.51529	24.18778	20.25099	19.91916	18.980476
ENSMUSG Map4k3	30.15941	31.98762	30.29455	22.70388	22.38846	21.820989

ENSMUSG Epc1	14.56905	14.50852	14.36525	10.33133	11.47318	11.276432
ENSMUSG Sos1	5.873843	5.406613	4.360239	4.405776	4.825763	4.723026
ENSMUSG Thumpd2	2.704654	1.659844	1.851474	1.960889	1.916932	2.317254
ENSMUSG Pkdcc	5.059779	5.327051	4.252757	6.666541	6.80515	7.31425
ENSMUSG Tmem178	8.406203	7.637899	9.473574	5.171645	5.552336	3.505295
ENSMUSG Cox7a2l	115.9224	128.3244	115.4361	125.8596	122.9035	123.93545
ENSMUSG 9930022D	0	0	0	0.02836	0.024216	0
ENSMUSG Dsg1b	0	0.007297	0	0	0.00667	0
ENSMUSG Odf1	0	0	0	0	0	0
ENSMUSG D17Wsu92	56.42465	58.71784	60.49933	49.26982	50.39424	50.097318
ENSMUSG Olfr1350	0	0	0	0	0	0
ENSMUSG Elmod3	7.129302	6.906636	6.168996	8.051024	6.635591	6.521567
ENSMUSG 4930550C	0.430245	0.413279	0.517682	0.13478	0.119314	0.155196
ENSMUSG Cyp8b1	1.663548	1.802728	1.651242	0.778521	1.499379	0.681773
ENSMUSG Hamp	0.672329	4.914942	0.329737	1.188403	0.73176	0.903888
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.19443	0	0	0	0.064465
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.230522
Mus_musc Mus_musc	0.236273	0	0.482755	0.280588	0	0
ENSMUSG Sgpp2	17.87819	19.2927	16.80908	23.16686	24.70046	25.681732
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Mov10l1	0	0.036029	0.011895	0.02021	0	0
ENSMUSG Ifnl2	0	0	0	0	0	0
ENSMUSG H2afb1	0	0	0	0	0	0
ENSMUSG Trabd	25.38535	26.87004	29.91256	32.89158	31.91798	34.968374
ENSMUSG Ffar2	0.321242	0.339533	0.249307	0.624797	0.509961	0.569358
ENSMUSG Taf7	4.044043	4.631661	4.356271	3.604643	3.262311	3.197154
ENSMUSG Olfr1262	0	0	0	0	0	0
ENSMUSG Mtlm	13.02165	11.02	14.03142	12.25726	9.648494	13.406917
ENSMUSG Frmpd2	1.100049	1.552031	1.02008	2.42132	1.691998	1.786353
Mus_musc Mus_musc	0	0.231464	0.185933	0	0	0
Mus_musc Mus_musc	0	0	0.194489	0	0	0
Mus_musc Mus_musc	4.078424	3.340038	3.200013	3.122234	4.783206	3.439576
Mus_musc Mus_musc	0	0.094435	0	1.818097	1.135466	1.309095
Mus_musc Mus_musc	0.139776	0	0	0	0	0
Mus_musc Mus_musc	0.2882	0.175582	0.350165	0.465106	0.713091	0.69499
Mus_musc Mus_musc	0.318093	0.359852	0.299812	0	0	0.149242
ENSMUSG Kcnv2	0	0	0.034297	0.02044	0.010416	0
ENSMUSG Gpr15	0.224306	0.047009	0.192451	0.636891	0.662655	0.659607
ENSMUSG Smgc	0	0	0	0	0	0
ENSMUSG Stk32c	2.36825	2.753154	3.073665	2.520236	2.632142	1.792727
ENSMUSG Lrrc27	1.747981	1.399649	1.536509	1.659676	0.865659	1.114389
ENSMUSG 1700028P	2.342378	1.445494	1.21019	2.260807	2.651332	2.16334
ENSMUSG Det1	2.841077	3.6188	3.052211	4.178416	3.853493	3.411351
Mus_musc Mus_musc	0	0	0.098601	0.234956	0	0
Mus_musc Mus_musc	0	0.116186	0	0	0	0
Mus_musc Mus_musc	0.647557	0	0	0	0	0
Mus_musc Mus_musc	0.08797	0.25798	0.362969	0.301152	0	0.128199
ENSMUSG Cat	144.1223	138.9188	113.595	102.9082	98.69059	100.78103
ENSMUSG Sycn	0	0	0	0.82157	1.11176	0.544609
ENSMUSG H2a1e	0	0	0	0	0	0
ENSMUSG Pcdhac1	0.694647	0.7076	0.503307	0.25654	0.162443	0.133434
ENSMUSG Repin1	6.352429	7.04332	7.33491	5.860309	4.817978	5.355226
ENSMUSG Traf7	36.53883	35.2394	37.27059	32.38451	32.46782	33.650986
ENSMUSG Gpr25	0.078565	0.071495	0.115134	0.259812	0.104007	0.156994
ENSMUSG Diexf	2.635283	2.345837	2.428479	2.271716	1.971492	2.275598
ENSMUSG Krtap5-2	0	0	0	0	0	0
ENSMUSG Akr1c20	0	0	0	0	0	0
ENSMUSG AU018091	0.082213	0.046664	0.069161	0.089102	0.031179	0.057461
ENSMUSG Fsd1l	2.246813	2.690368	1.86193	2.277373	2.230745	1.949747
ENSMUSG A030003K	0	0	0.038265	0	0	0.066573
ENSMUSG Mcemp1	9.108701	8.153086	9.442955	6.459505	6.526942	5.69726
ENSMUSG Dedd	15.58311	16.17915	16.57556	14.55778	13.81331	14.169535

ENSMUSG Ei24	36.36496	37.33131	35.58256	33.42539	33.85227	31.036341
ENSMUSG Zfp512	8.713381	7.974905	7.230647	6.3617	6.926044	7.145007
ENSMUSG Shisa1	0.405045	0.278054	0.589168	0.641804	0.871525	0.982721
ENSMUSG Slain2	28.71459	28.92991	27.3378	20.82208	22.26793	21.56598
ENSMUSG Zranb3	0.93386	0.89967	0.774094	2.785164	2.391273	3.367997
ENSMUSG Slc17a3	0	0	0	0	0	0
ENSMUSG Sema5a	4.075887	6.799808	5.154504	4.867904	6.043541	3.935032
ENSMUSG Chst8	11.74922	9.659721	10.29197	7.39198	6.917259	5.738232
ENSMUSG Olfr1369-r	0	0	0	0	0	0
ENSMUSG Cyp2a12	0	0.06646	0	0.024224	0.03243	0
ENSMUSG Olfr1411	0	0	0	0	0	0
ENSMUSG Trpc2	0	0	0	0	0	0
ENSMUSG Ppp3r1	42.23466	38.66232	37.43179	34.18288	38.69867	35.803806
ENSMUSG Cmb1	7.475721	6.44681	7.522214	11.39046	10.39243	9.470655
ENSMUSG Ankrd33b	28.98564	29.90937	30.03467	20.06026	19.67966	17.74174
ENSMUSG Adgrb3	0	0	0	0	0.00891	0
ENSMUSG Rbfox2	20.44765	18.34245	16.60887	14.01708	15.40781	13.532019
ENSMUSG Defa2	0	0	0	0	0	0
ENSMUSG Ak9	0.75612	0.854282	0.323786	0.823605	0.937132	1.268646
ENSMUSG Dnaaf3	1.747078	2.578136	1.614885	2.968576	2.419575	3.308681
ENSMUSG Gm5916	0	0	0	0	0	0
ENSMUSG Fmn1	16.31377	13.39674	21.45487	19.06388	17.85889	18.341608
ENSMUSG Gm3164	0	0.022135	0	0	0	0
ENSMUSG Retreg2	31.70298	32.40633	32.93753	28.83659	33.00709	30.056739
ENSMUSG Tenm2	0	0.004672	0.004723	0.010538	0	0.005577
ENSMUSG Olfr902	0	0	0	0	0	0
ENSMUSG Gm12800	0	0	0	0	0	0
ENSMUSG Zfp146	18.59658	19.28189	20.12884	17.8144	16.13035	17.398201
ENSMUSG Ino80b	10.14267	9.128428	10.48839	12.06653	12.34296	9.501432
ENSMUSG Wbp1	28.45103	30.41701	34.04737	34.93863	32.21429	35.008407
ENSMUSG Mogs	9.948148	9.858641	10.71353	11.1463	10.35108	11.931028
ENSMUSG Mrp153	17.52689	19.55209	25.99092	26.81354	24.31493	29.951805
ENSMUSG Mmaa	6.796697	8.089449	6.278557	5.759283	4.923296	5.31056
ENSMUSG Kbtbd8	1.187854	1.263568	1.135837	1.273188	1.093084	1.101259
ENSMUSG Wdr62	1.87746	1.939156	1.695541	1.352635	2.206559	1.716493
ENSMUSG Lmbr1	3.886881	4.37076	4.016603	3.645372	3.62341	3.717129
ENSMUSG Dcakd	12.40139	12.35931	13.44119	12.26188	13.31014	14.594288
ENSMUSG Nmt1	21.84298	22.20952	20.99037	21.26459	23.14655	22.358812
ENSMUSG Plcd3	2.544477	3.08403	3.834164	2.920879	2.258022	3.135182
ENSMUSG Ccdc103	0.939238	1.178969	0.62124	1.679459	1.980937	1.084538
ENSMUSG Gfap	0.287832	0.163518	0.0793	0.067885	0.079598	0.111424
ENSMUSG Gm6482	0	0	0	0	0	0
ENSMUSG Gm8005	0	0	0	0	0	0
ENSMUSG Pstk	6.926415	8.191273	7.152467	6.090691	6.990538	5.737999
ENSMUSG Samd4b	21.41422	21.46931	20.47661	17.21051	17.50208	18.283132
ENSMUSG Gm10665	0	0	0	0	0	0
ENSMUSG Scgb2a2	0	0	0	0	0	0
ENSMUSG Olfr811	0	0	0	0	0	0
ENSMUSG Hspb11	6.723778	9.190175	9.611007	9.525317	7.25087	7.979561
ENSMUSG Gm21083	0	0.029888	0	0.655649	0.934607	0.575078
ENSMUSG Gm4858	0	0	0	0	0	0
ENSMUSG Kik1b27	0	0	0	0	0.410975	0.192681
ENSMUSG Olfr955	0	0	0	0	0	0
ENSMUSG Uhrf1bp1	2.266888	2.561108	2.293953	2.68611	2.618212	2.978494
ENSMUSG Ptpa	39.00322	37.41694	39.78465	38.20499	39.51918	42.806125
ENSMUSG Gm17455	0.024326	0.179128	0	0.174932	0.07942	0.128802
ENSMUSG Vmn2r75	0	0	0	0	0	0
ENSMUSG Cyp7b1	0.975402	1.243807	1.042631	1.882363	2.850549	1.906574
ENSMUSG Ide	12.25287	12.44784	11.01178	12.03607	13.44531	12.589684
ENSMUSG Vmn1r25	0	0	0	0	0	0
ENSMUSG Olfr996	0	0	0	0	0	0
ENSMUSG Olfr702	0	0	0	0	0	0
ENSMUSG Cyb5r2	0.040682	0.170502	0.0572	0.126054	0.102977	0.116257
ENSMUSG Olfr1349	0	0	0	0	0	0

ENSMUSG Fpr-rs4	0	0	0	0	0	0
ENSMUSG Olfr1240	0	0	0	0	0	0
Mus_musc Mus_musc	0.166926	0.700705	0.036132	0.37734	0.280471	0.766433
ENSMUSG Yars2	4.327438	3.183459	3.899945	4.553172	4.683553	3.768399
ENSMUSG B4galt4	32.72137	30.07752	29.62219	17.0759	17.33359	15.624772
ENSMUSG lgsf11	0.25668	0.428299	0.1025	0.234119	0.303165	0.327395
ENSMUSG Tnk2	11.7814	11.86334	12.14078	10.78357	10.05199	11.230392
ENSMUSG Fgf15	0	0	0	0	0	0
ENSMUSG LTO1	9.968844	10.59571	11.90371	9.757122	10.339	9.949074
ENSMUSG Mrgprf	2.106008	2.334602	2.077502	1.462878	1.213366	1.746059
ENSMUSG 4930435E1	0	0	0	0	0	0
ENSMUSG Arhgap31	66.50456	61.28038	57.3075	37.73372	41.78985	36.160816
ENSMUSG Zfp300	0.362105	0.345414	0.275022	0.276083	0.303284	0.321471
ENSMUSG Cttt	41.46636	40.94079	41.36055	34.17747	34.72585	36.222784
ENSMUSG Il1rl2	4.265943	4.025491	2.907785	6.115433	5.968619	6.038313
ENSMUSG Olfr356	0	0	0	0	0	0
ENSMUSG Trim63	0.132998	0.375587	0	0	0.115421	0
ENSMUSG Psmb2	48.28862	48.2353	57.14838	56.60054	51.43591	57.926216
ENSMUSG Slc30a2	0.438747	0.31826	0.416234	0.322645	0.238324	0.592626
ENSMUSG AU040320	13.56234	13.23992	13.85837	14.85428	14.5313	16.307457
ENSMUSG Ncdn	8.783905	6.805354	8.080727	7.326516	7.342011	7.130242
ENSMUSG Stmn1	70.70761	82.85518	74.8988	53.7294	53.10214	54.15361
ENSMUSG Ankrd12	8.384333	8.279273	6.912684	6.557159	6.073525	5.799642
ENSMUSG Zyg11a	0	0	0	0	0	0
ENSMUSG Extl1	0.555572	0.568543	0.476346	0.339302	0.377231	0.431583
ENSMUSG Cd300ld	1.211221	0.920547	2.7474	3.532692	2.17036	2.809241
ENSMUSG Tiparp	10.71349	12.50888	9.788588	9.128395	9.900441	9.067272
ENSMUSG Lbx2	0.609894	1.326644	1.099016	1.089892	0.963854	0.637776
ENSMUSG Aggf1	21.742	21.12745	20.45194	18.15544	16.49917	16.936008
ENSMUSG Crhbp	0	0	0	0	0	0
ENSMUSG Otp	0	0	0	0	0	0
ENSMUSG Pde8b	18.23095	17.2846	17.17452	12.94892	12.5879	9.889966
ENSMUSG Scamp1	20.26451	19.41819	17.26703	15.91826	16.96429	17.140453
ENSMUSG Ap3b1	16.05263	18.52276	16.33654	18.36271	19.51417	18.957378
ENSMUSG Enpp2	26.12484	24.72011	23.79718	17.94754	19.45387	18.61294
ENSMUSG Josd1	9.047537	10.04282	9.591767	9.457778	9.446959	9.25477
ENSMUSG Tomm22	19.90604	20.7603	22.40431	20.49898	19.99114	20.872836
ENSMUSG Dnal4	17.83417	18.90122	16.96305	16.87001	16.12678	16.283147
ENSMUSG Nptxr	0.780636	1.255091	1.071009	0.923573	1.043296	0.932569
ENSMUSG Dscc1	0.132276	0.184468	0.490657	0.493564	0.718523	0.493334
ENSMUSG Cby1	14.57731	16.78022	14.91705	16.15149	16.63946	14.285435
ENSMUSG Dmc1	0.111235	0.19798	0.13323	0	0.123592	0.054534
ENSMUSG Sgtb	4.325021	5.348402	5.37896	3.393372	3.408522	3.191746
ENSMUSG Mrpl55	11.94957	9.155479	10.41845	12.29772	11.10723	11.054623
ENSMUSG Syde2	7.309352	8.05083	6.080053	4.533496	4.981629	4.952511
ENSMUSG Dchs1	4.177547	3.402727	3.325046	3.206839	2.874227	3.643136
ENSMUSG Krtcap2	28.74501	28.8228	32.82653	37.17878	31.73308	35.82968
ENSMUSG Proser3	1.764483	2.001023	1.806807	1.99467	2.123635	1.664625
ENSMUSG Id1	200.9536	143.4913	200.1669	77.73053	79.20081	79.486011
ENSMUSG Hectd4	5.831962	6.069451	5.222882	4.855672	5.230893	5.658587
ENSMUSG Tdrd7	16.17498	14.53235	16.78684	13.19741	11.45953	13.231513
ENSMUSG Ntng2	10.08028	8.562388	10.84482	10.89406	11.42965	10.798864
ENSMUSG Xbp1	95.89538	85.93035	94.25616	179.9651	200.9986	169.02435
ENSMUSG Supt4a	34.63887	38.92085	42.84426	38.91249	40.81536	37.683612
ENSMUSG 4-Sep	104.7014	94.92376	123.9508	73.11782	69.58481	70.781494
ENSMUSG Ankrd36	0	0	0	0	0	0
ENSMUSG Ccdc117	15.80792	21.38659	18.82057	15.03821	15.73923	18.110643
ENSMUSG Dynll2	75.29593	69.24696	71.75019	52.05496	54.605	57.79595
ENSMUSG Chmp2a	89.08507	83.57492	92.15393	76.10279	74.02812	78.48123
ENSMUSG Gde1	76.80074	80.34886	70.86084	72.42157	74.72432	77.664802
ENSMUSG Rnf20	21.18207	21.25202	20.68819	18.23162	18.50806	19.566896
ENSMUSG Gucy1a1	54.81903	52.38296	52.19374	32.86393	31.96128	24.744171
ENSMUSG C9orf72	4.614901	5.658169	5.251343	5.803338	5.766375	6.324871
ENSMUSG Aldob	0.237091	0	0.022039	0	0.050933	0

ENSMUSG Parl	16.26296	13.76703	16.79592	17.08567	16.63409	15.597405
ENSMUSG Gabrp	21.26145	25.64566	14.33235	23.65849	24.96388	24.059881
ENSMUSG Mum1	16.6779	17.06086	18.94016	12.27198	11.13392	12.013455
ENSMUSG Ptprb	143.5706	138.6451	114.749	86.88595	102.0045	92.265947
ENSMUSG Kcnmb1	0.97098	0.885281	1.039899	0.951753	1.17521	0.833035
ENSMUSG Actr2	70.61171	66.85862	71.76167	76.77424	74.63257	75.071213
ENSMUSG Ndufs7	53.09167	57.12402	62.20647	57.70098	53.15896	58.580468
ENSMUSG Gamt	7.276183	6.50209	6.790105	4.898041	6.4384	7.812629
ENSMUSG Ptpr	0.830503	0.939969	0.750807	0.27355	0.279548	0.329591
ENSMUSG Amd1	22.81955	26.89647	23.33256	17.77436	18.19749	20.851181
ENSMUSG Ybx2	0	0.232063	0.068362	0.404304	0.734802	0.418905
ENSMUSG Ctdnep1	29.33599	30.78573	33.28165	32.36141	34.25747	34.087994
ENSMUSG 2310057M	2.037194	1.910374	2.144059	1.350313	1.225626	1.253759
ENSMUSG Slc15a5	0	0	0	0.104084	0	0
ENSMUSG Olfr720	0	0	0	0	0	0
ENSMUSG Gm28047	0	0.160626	0	0.278594	0.170639	0
ENSMUSG Tchh	1.243145	1.279868	1.275144	1.333496	1.137788	0.787418
ENSMUSG 2610001J0	16.82412	13.15882	20.06017	11.56173	13.62088	12.34035
ENSMUSG Pcare	0	0.016616	0	0.020819	0.011168	0
ENSMUSG Gm13097	0	0	0	0	0	0
ENSMUSG Skint6	0	0	0	0	0	0
Mus_musc Mus_musc	0.264942	0.422831	0.360083	0.478063	0.295865	0.199107
ENSMUSG Gm5475	0.113986	0.063784	0.052886	0	0.212422	0.088455
ENSMUSG Ifnb1	0	0	0.010136	0	0	0
ENSMUSG Slc35e4	9.030303	10.29102	9.980071	8.216418	9.521832	8.772537
ENSMUSG Mecom	13.54762	16.44205	12.52059	12.99108	13.02029	12.763776
ENSMUSG Fxr1	25.20576	31.37631	29.23312	28.28447	25.69105	30.037688
ENSMUSG Dhcr7	5.727212	5.754595	6.496908	16.28333	15.28798	17.07148
ENSMUSG Ap3s1	12.29174	11.17588	12.06202	16.45349	18.54358	18.668596
ENSMUSG Lvrn	0.391645	0.728878	0.420286	0.823628	0.366821	0.679185
ENSMUSG Cnbd1	0	0	0	0	0	0
ENSMUSG Slc4a9	0.012027	0	0	0	0	0.013841
ENSMUSG Hbegf	17.3088	13.46379	17.80846	9.783917	9.806265	9.572949
ENSMUSG Yipf5	18.35656	19.22545	18.21674	19.70335	20.13965	20.189629
ENSMUSG Olfr520	0	0	0	0	0	0
ENSMUSG Olfr862	0	0	0	0	0	0
ENSMUSG Mycbp2	14.30655	13.05262	14.26094	12.45511	12.11495	11.901931
ENSMUSG Sox10	0.047269	0.218475	0.123542	0.028168	0.078642	0.057906
ENSMUSG Asic4	0	0	0	0	0.035498	0.061603
ENSMUSG Ogfod1	7.057686	7.273299	7.187549	5.816236	6.315809	5.924554
Mus_musc Mus_musc	0	0.026472	0	0	0.069528	0.178387
ENSMUSG Tmem249	0	0	0	0	0	0
ENSMUSG Hapln3	0.62972	0.620821	0.42883	0.493236	0.555796	0.443023
ENSMUSG Gcat	0.034942	0	0.079527	0	0	0
ENSMUSG Kctd8	0.927753	1.300159	0.708184	0.742384	0.705435	0.999814
ENSMUSG Zfp87	5.046795	4.888631	4.756046	4.900858	5.655207	4.814729
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Tonsl	1.018285	1.036336	1.572379	1.526499	1.422601	2.020321
ENSMUSG Fzd3	1.257362	1.532926	0.95547	1.048566	1.135592	1.140497
ENSMUSG Hopx	498.7941	523.1649	548.914	307.1281	307.4188	263.94993
ENSMUSG Eda	0.881188	1.061597	0.748297	0.61361	0.788144	0.56436
ENSMUSG Csf2ra	18.86238	16.56809	22.57449	44.56671	20.65444	48.300724
ENSMUSG Lrfn1	1.152588	0.967296	1.255559	0.946762	1.301006	0.761964
ENSMUSG Nbdy	21.34549	17.43469	16.34102	13.34264	14.31479	14.036023
Mus_musc Mus_musc	0	0	0	0.117823	0	0.183707
ENSMUSG Gm3233	0	0	0	0	0	0
ENSMUSG Cphx2	0.026734	0	0	0.011215	0	0
ENSMUSG Gm13698	0	0	0	0	0	0
ENSMUSG G530012D	0	0	0	0	0	0
ENSMUSG Olfr914	0	0	0	0	0	0
ENSMUSG Teddm1a	0.021416	0.01488	0.026809	0	0.039692	0
ENSMUSG AU015836	0.089843	0.053496	0.072433	0.048251	0.105088	0.213317
Mus_musc Mus_musc	0.672739	0.716183	0.376604	0.493152	0.595125	0.380959
ENSMUSG Tmem213	0.763872	0.741121	1.214616	3.197521	4.065546	4.131118

ENSMUSG 4921507P	0.446753	0.552801	0.45332	0.343517	0.199426	0.256461
Mus_musc Mus_musc	0.14198	0.054743	0.073678	0.620356	0.573903	0.809167
Mus_musc Mus_musc	0	0.40608	0.09833	0.219301	0	0
ENSMUSG Zc3hav1	26.60586	24.22164	26.52775	22.23869	24.29244	23.44061
ENSMUSG Gsdme	0.735645	0.64352	0.609216	0.566444	0.754287	0.61572
ENSMUSG Luc7l2	45.7608	49.44173	50.93269	44.28705	37.59217	38.087185
ENSMUSG Osbp13	5.752319	6.584916	6.42167	6.928159	5.941369	6.041172
ENSMUSG Gtf2h1	13.89216	14.31809	14.66875	14.8987	14.82804	15.643351
ENSMUSG Nat8f7	1.677837	2.210577	2.710167	1.413187	1.245212	1.299951
ENSMUSG Gm4778	0	0	0	0	0	0
ENSMUSG Spin2g	0	0	0	0	0	0
ENSMUSG Vmn2r-ps	0	0	0	0	0	0
ENSMUSG Gm20854	0	0	0	0	0	0
ENSMUSG Gm21818	0	0	0	0	0	0
ENSMUSG H2a1f	0	0	0	0	0	0
ENSMUSG Plscr5	0	0	0	0	0	0
Mus_musc Mus_musc	0.52876	0.803169	0.650933	1.414246	1.290563	1.70709
Mus_musc Mus_musc	0.821207	0.466688	0.557777	0.134235	0	0
Mus_musc Mus_musc	0.225007	0.201943	0.266409	0.157835	0.143861	0.377217
Mus_musc Mus_musc	0.122073	0.200521	0	0.236152	0.199204	0.320542
Mus_musc Mus_musc	0	0	0	0	0.560077	0
Mus_musc Mus_musc	0	0.133511	0	0.223898	0.196746	0
Mus_musc Mus_musc	0	0	0.101089	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.315568	1.390885	1.621519	1.914608	1.838081	1.730183
Mus_musc Mus_musc	0.803998	1.09514	1.167023	0.849519	1.175397	0.730593
Mus_musc Mus_musc	0	0	0.445229	0	0	0
ENSMUSG Gm9046	0.007617	0.014169	0.023499	0.003848	0.025588	0.00538
Mus_musc Mus_musc	0.761867	0.824384	0.979764	0.24105	0.740958	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.363298	0.336051	0.363151	0.757722	0.617471	1.194413
ENSMUSG Gm15155	0	0	0	0	0	0
Mus_musc Mus_musc	0.408166	0.186927	0.110793	0.079227	0	0.177198
Mus_musc Mus_musc	0	0	0	0	0.299148	0.359421
Mus_musc Mus_musc	1.016042	1.038072	0.923126	1.253384	0.892392	1.071246
Mus_musc Mus_musc	0.021346	0.846757	0.31448	0.527186	0.015795	0.267371
Mus_musc Mus_musc	0.159133	0.232081	0.305286	0.424445	0.321775	0.114605
Mus_musc Mus_musc	2.671262	2.440749	2.038414	2.273822	2.219714	1.5108
Mus_musc Mus_musc	0.416425	0.283935	0.350948	0.348212	0.248538	0.190649
Mus_musc Mus_musc	1.913538	1.963655	1.676675	1.464651	1.395974	1.2679
ENSMUSG Marcksl1	10.87841	8.37183	9.04698	11.25511	12.09144	13.132315
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.327237	0	0	0	0.238952	0
ENSMUSG Stpg2	0	0	0	0	0	0
Mus_musc Mus_musc	1.780608	2.237948	1.152255	1.585291	1.089688	1.43428
ENSMUSG Vmn1r152	0	0	0	0	0	0
ENSMUSG Adam5	0.328027	0.320174	0.255371	0.498598	0.374589	0.328084
ENSMUSG Gm17662	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.170115	0	0.051817	0.406018	0.523588	0.36804
Mus_musc Mus_musc	0.063761	0.063806	0	0.509002	0.351205	0.495731
Mus_musc Mus_musc	0.141109	0.020005	0.077733	0.499913	0.301458	0.47375
ENSMUSG Gm10681	0	0.019137	0.057559	0.01297	0	0
ENSMUSG Gm3453	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Dnajc11	10.72074	9.586672	10.34386	9.219014	9.380423	9.593266
ENSMUSG Cpne2	4.301796	3.751154	3.583262	6.238934	6.475025	5.742072
ENSMUSG Csta1	0	0	0	0	0	0
ENSMUSG Hpcal4	1.59118	2.429092	1.766001	0.984987	0.908644	1.264295
ENSMUSG Thbd	306.4703	308.9363	334.0801	162.1586	199.2475	164.6049
ENSMUSG Pdzd8	12.97806	13.32785	11.25045	10.16631	11.00422	10.966383
ENSMUSG Mosmo	11.43507	12.1941	10.35955	7.818653	7.766323	6.664113
ENSMUSG Krt32	0	0	0	0	0	0
ENSMUSG Atxn7l3b	41.2227	40.38809	37.29277	31.81573	33.16721	29.919161

ENSMUSG Kiz	14.82071	16.72275	14.01489	18.15962	17.45172	17.224839
ENSMUSG Spaca6	3.119983	1.865736	3.358202	1.814081	1.387606	2.239731
Mus_musc Mus_musc	0	0.093203	0	0	0.186692	0
Mus_musc Mus_musc	0.159596	0.287175	0.077563	0.052869	0.249771	0.191714
Mus_musc Mus_musc	0.68714	0.623555	0.744298	0.849001	0.421904	0.604592
Mus_musc Mus_musc	0	0.204383	0.111878	0.084127	0	0
ENSMUSG Zfp664	37.38087	38.49309	35.16613	28.40748	29.54755	27.96917
ENSMUSG Ltn1	8.614367	8.812308	8.568515	7.505481	7.780788	7.697488
ENSMUSG Hivep2	8.574427	9.679745	7.642988	6.811905	6.717443	6.515485
Mus_musc Mus_musc	0.23924	0	0	0	0	0
Mus_musc Mus_musc	0	0.400836	0.145546	0.540341	0.34122	0.180047
ENSMUSG Cln3	8.3866	7.024577	9.162969	8.667767	9.658198	9.747576
ENSMUSG Olfr600	0	0	0	0	0	0
ENSMUSG Krt14	0.421133	0.288169	0.148315	0.30376	0.360521	0.583474
ENSMUSG Akap8l	18.39822	18.52377	19.21338	16.86042	15.76165	15.549625
ENSMUSG Vmn1r166	0	0	0	0	0	0
ENSMUSG Zfp819	0	0.019608	0.216187	0.207022	0.180162	0.023394
ENSMUSG Csrnp2	1.89987	2.231541	2.342285	1.734277	1.534206	2.131917
ENSMUSG Mafk	40.59131	38.58078	43.16695	27.54013	26.26013	25.472539
ENSMUSG Fhl2	0.915678	2.622496	1.080246	2.722517	2.195769	2.704934
ENSMUSG Fam117b	17.19883	16.3724	12.62366	10.53802	12.8673	11.30568
ENSMUSG Lrit1	0	0	0	0	0	0
ENSMUSG Ramp3	5.220884	6.93499	7.143638	9.381112	7.673464	6.112429
ENSMUSG Sez6l	0.073567	0.099517	0	0.008564	0.046126	0.013719
ENSMUSG Chsy3	0.298246	0.561852	0.348305	0.445638	0.718234	0.957882
ENSMUSG T2	0.505099	0.694285	0.65919	1.414923	0.614995	0.734368
ENSMUSG Prss27	0.090039	0	0	0	0	0
ENSMUSG Olfr1395	0	0	0.016928	0	0.01733	0
ENSMUSG Gp1bb	0.107166	0.094442	0.33482	0.081264	0.002655	0.084462
ENSMUSG Ear14	0	0	0	0	0	0
ENSMUSG Scmh1	12.82748	13.32886	12.23495	10.34441	10.31481	10.833894
ENSMUSG Cox5a	44.70941	44.85047	49.2734	62.09679	63.55495	63.433453
ENSMUSG Otx2	0	0	0	0	0	0
ENSMUSG Abhd13	9.530846	10.29647	8.592498	9.153499	8.350573	8.446383
ENSMUSG Gm49356	0	0.16993	0	0	0	0.171249
ENSMUSG Vmn1r37	0	0	0	0	0	0
ENSMUSG Vmn1r3	0	0.070821	0	0	0	0
Mus_musc Mus_musc	0.188031	0.154824	0.149227	0	0	0
Mus_musc Mus_musc	0.051147	0	0	0	0	0.347521
Mus_musc Mus_musc	0	0	0	0.322934	0	0
Mus_musc Mus_musc	0.094525	0.048718	0.145587	0.285311	0.075638	0.149745
ENSMUSG Gm35060	0.069059	0.042833	0.078223	0.147017	0.017877	0
ENSMUSG Ugt1a6b	1.47145	2.872913	0.604679	2.03517	0.443841	1.3442
ENSMUSG Gm614	0.254647	0.314395	0.615395	0.277176	0.37014	0.293024
ENSMUSG Cope	56.99241	51.79288	62.23398	64.00494	67.10005	66.657014
Mus_musc Mus_musc	0	0.252575	0.198122	0.096928	0.067805	0.054596
Mus_musc Mus_musc	0.090468	0	0.194755	0.139541	0	0
Mus_musc Mus_musc	0	0	0.253965	0.276854	0	0
Mus_musc Mus_musc	30.24892	24.23734	23.09379	41.96074	48.43611	37.652427
Mus_musc Mus_musc	0	0	0	0	0.098512	0.100745
Mus_musc Mus_musc	0.321137	0	0	0	0	0
Mus_musc Mus_musc	17.17345	19.99142	17.2498	21.98311	17.79207	19.209557
ENSMUSG Lats1	11.8352	12.07181	10.38945	9.32343	9.149886	9.73072
ENSMUSG Rab11fip2	6.00309	6.117292	4.673107	4.961559	4.062813	3.721593
ENSMUSG Ythdf2	10.49971	10.26185	9.257993	9.243955	9.642151	9.695557
ENSMUSG Saa3	2.078402	2.829958	3.171129	31.82689	75.67511	47.212551
ENSMUSG Elavl1	8.860412	10.63801	9.437852	7.557516	7.613684	8.937994
ENSMUSG lpo8	11.07391	12.21606	10.70346	9.836296	10.21659	10.109733
ENSMUSG Ssbp3	17.81696	18.43348	14.01848	16.286	19.55021	17.244655
ENSMUSG Plcg2	6.986125	6.270833	9.449871	16.51651	15.9558	15.948352
ENSMUSG Gsta2	5.432053	5.450721	3.870674	3.05412	2.334045	2.551085
Mus_musc Mus_musc	0	0	0.083174	0.371034	0	0
ENSMUSG C8g	1.041877	0.88739	0.884507	1.46074	1.060644	1.103562
ENSMUSG Mospd2	33.55154	29.35615	27.78194	30.09792	25.42665	23.832292

ENSMUSG Sumf2	3.297734	3.345798	3.714604	2.633608	2.349776	3.299271
ENSMUSG Phkg1	0.118648	0.412228	0.150873	0.275391	0.238676	0.280835
ENSMUSG Jph2	4.233331	4.739206	5.059016	4.345762	4.831084	4.845875
ENSMUSG Gusb	18.00727	19.24285	21.58595	40.94084	42.84014	48.794302
ENSMUSG Asl	9.428389	9.648647	10.24052	9.722995	10.45997	11.576718
ENSMUSG Crpc	10.91882	12.09484	13.30283	11.06356	12.12632	11.810527
ENSMUSG Chm	6.860116	6.729166	6.041487	6.041512	5.689859	5.701261
ENSMUSG Hist1h2ao	0.317499	0.085835	0	0.358183	0.30569	0.454326
Mus_musc Mus_musc	0.556432	0.468706	0.202612	0.419325	0.257216	0.25924
ENSMUSG Tmem41b	11.03981	8.910419	9.575829	9.728499	9.61071	10.60321
ENSMUSG Lxn	24.62781	22.48683	32.51375	20.90212	20.96137	19.619728
ENSMUSG Slc22a26	0	0	0	0	0	0
ENSMUSG Gm20824	0	0	0	0	0	0
ENSMUSG Gm28710	0	0.015498	0	0.054355	0.102882	0.086019
ENSMUSG Chmp1b	26.43209	25.83416	27.44134	25.53425	25.22401	23.709909
Mus_musc Mus_musc	0	0	0	0	0.364871	0
ENSMUSG Itpkb	53.84069	50.42751	48.00561	31.02676	32.37878	33.157345
Mus_musc Mus_musc	0.081082	0.103281	0.231058	0	0.157059	0
ENSMUSG Baiap211	116.5162	126.2859	110.5161	85.35922	81.07756	90.568924
ENSMUSG Ndufs1	23.34097	25.67441	21.74664	24.78265	27.23576	24.562549
ENSMUSG Gm45799	1.3857	1.441453	1.373173	1.234398	0.005901	1.106985
Mus_musc Mus_musc	0.447421	0.548704	0.173715	0.484144	0.872126	0.572296
ENSMUSG Kif3a	8.173471	8.330505	7.322419	10.18238	9.262347	9.286744
ENSMUSG 8-Sep	26.37708	25.62568	27.36498	20.16395	22.14152	23.815958
ENSMUSG Myadm	90.86117	77.43698	84.26553	59.60249	62.59194	65.778754
ENSMUSG Izumo2	0	0	0	0	0	0
ENSMUSG Fhl4	0.048973	0.059556	0.029798	0.100006	0.068597	0.1451
ENSMUSG Dtna	10.02037	9.659417	9.595118	6.726235	7.209198	5.54172
ENSMUSG Kifc5b	0.333869	0.499717	0.713429	0.616208	1.155801	1.444919
ENSMUSG Ntn4	42.66672	42.17442	40.05629	22.3544	22.58389	22.013803
ENSMUSG Snrpf	9.838838	14.04428	12.52219	13.13492	11.52224	13.320351
ENSMUSG Hal	0.456716	0.376011	0.263441	3.845547	5.286001	6.463521
ENSMUSG Fbxo47	0.252042	0.303765	0.145807	0.388442	0.233495	0.370332
ENSMUSG Cdk17	11.73099	11.90667	12.53302	10.51958	10.44655	10.046469
ENSMUSG Krtap31-1	0	0	0	0	0	0
ENSMUSG Trim80	0	0	0	0	0	0
ENSMUSG Qrich2	0.004947	0	0	0.003691	0	0
ENSMUSG Vnn3	1.092576	0.903276	0.563991	3.049654	2.912906	2.41705
ENSMUSG Gm35549	0.111144	0.474092	0.749246	0.248866	0.171335	0.315983
ENSMUSG Pm20d2	0.601639	1.188995	0.554742	1.269154	0.8354	1.175733
ENSMUSG Hsf4	6.226976	5.867421	6.336877	3.969426	4.086869	4.113956
ENSMUSG Olfr843	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.186566	0.106509	0
ENSMUSG Gm5065	0	0	0	0	0	0
ENSMUSG Tprg	0.107546	0	0.100208	0.112693	0	0.0593
ENSMUSG Fgl2	13.67551	12.26486	24.20314	22.0283	16.42927	18.872526
ENSMUSG Prkcd	35.32984	32.86327	41.72046	61.96733	66.52978	68.71281
ENSMUSG Txlnb	0.383334	1.669398	0.304941	0.537868	0.451701	0.386991
ENSMUSG Gdf10	1.451776	1.067014	1.123247	2.57604	2.303518	2.8738
ENSMUSG Ptpn20	0.134598	0.075564	0.087817	0.072962	0	0
ENSMUSG Cryl1	11.88471	11.04004	8.82382	10.25663	8.852983	10.829955
ENSMUSG Gata4	0.443533	0.514328	0.287738	0.41421	0.253243	0.634725
ENSMUSG Zmym2	11.85751	12.67975	10.71202	10.58921	9.780988	9.412069
ENSMUSG Tmem159	20.91219	22.7366	17.95188	16.82586	17.51148	16.336166
ENSMUSG Zp2	0	0	0	0	0	0
ENSMUSG Olfr290	0	0	0	0	0	0
ENSMUSG Nsl1	0.34423	0.237109	0.410223	0.40007	0.430136	0.810699
ENSMUSG Zmat4	0.216949	0.203496	0.179055	0.149074	0.21749	0.159319
ENSMUSG Slc2a12	3.531798	4.365237	2.960818	4.089361	4.304616	3.657535
ENSMUSG Fabp4	10.72891	32.32932	3.21516	22.96129	14.13069	18.472483
ENSMUSG Zfp534	0	0	0	0	0	0
ENSMUSG Zfp398	4.204925	4.029756	3.363367	3.916745	3.573145	3.870884
ENSMUSG Nenf	31.50122	29.30415	26.42473	22.48221	25.94004	27.619869
ENSMUSG Gm10409	0	0	0	0	0	0

ENSMUSG Fam208b	5.843676	5.445889	4.457986	4.914112	5.193061	4.822729
ENSMUSG Gm3250	0	0	0	0	0	0
ENSMUSG Adamts2	3.581964	3.648828	3.748007	4.986801	4.882522	5.933948
ENSMUSG Olfr1466	0	0	0	0	0	0
ENSMUSG Gm13696	0	0	0	0	0	0
ENSMUSG Atp7a	11.19244	12.18582	9.608128	10.32773	10.22404	10.020135
ENSMUSG Gm5426	0	0	0	0	0	0
ENSMUSG Gm17067	0	0	0	0	0	0
ENSMUSG Trem12	2.842195	2.147072	3.409268	3.922752	3.572037	5.03139
ENSMUSG Zfp827	1.942381	2.182774	1.86756	2.118809	1.827845	1.698587
ENSMUSG Olfr806	0	0	0	0	0	0
ENSMUSG Gm44579	0	0	0	0	0	0
ENSMUSG Msrb2	6.741697	9.250105	9.009199	7.636195	7.035773	7.563109
ENSMUSG Fhl1	223.0559	206.2213	219.5576	156.9148	148.5146	142.39266
ENSMUSG Gm7257	0	0	0	0	0	0
ENSMUSG Trp53	18.95424	16.62669	17.85483	18.45925	18.98613	19.775703
ENSMUSG Vmn2r9	0.008179	0.025923	0.009842	0.007249	0.01055	0.035643
ENSMUSG Lsm5	3.656716	4.088215	4.5949	1.718674	0.797411	2.837041
ENSMUSG Vmn2r23	0	0	0	0	0	0
ENSMUSG Cyp2c70	0	0	0	0.041958	0	0
ENSMUSG Slc1a5	40.96055	41.28368	38.06635	36.24699	34.02058	37.486507
ENSMUSG Ang4	0	0	0	0	0	0
ENSMUSG Cntlh	3.885761	3.93656	3.303783	2.867182	2.832947	3.274405
ENSMUSG Npy6r	0	0	0	0	0	0
ENSMUSG Galnt11	11.8886	9.838504	10.12522	9.90952	9.907647	10.745674
ENSMUSG Fkbp14	11.49847	10.56508	11.13828	6.509751	7.571705	5.922747
ENSMUSG Bcat1	0.014403	0.02295	0.019281	0.826082	1.066095	1.154202
ENSMUSG Kcna6	0.167857	0.119164	0.086933	0.074107	0.033784	0.136834
ENSMUSG Kras	30.48073	30.59139	30.66424	20.59825	20.3892	19.635241
ENSMUSG Tmem237	9.893325	11.56076	9.759273	8.555812	8.597061	7.893992
ENSMUSG Lrmp	5.641829	4.333291	7.948236	12.68355	9.82453	12.146024
ENSMUSG Thap11	18.49107	19.72732	20.0291	16.37225	17.97481	16.227224
ENSMUSG Dok6	0	0	0	0	0	0
ENSMUSG Cfap20	26.84258	26.85101	23.20103	23.79092	25.69466	23.054889
ENSMUSG Usb1	15.33875	13.59169	14.06648	14.22743	12.93169	13.44731
ENSMUSG Mmp15	35.99104	35.45409	27.08617	33.50346	31.6773	36.089592
ENSMUSG Tmem38a	5.58827	7.786541	7.666676	6.399734	5.716991	5.670045
ENSMUSG Tpm4	217.2994	212.1687	231.9451	167.2088	179.1115	178.73262
ENSMUSG Pop1	1.373166	1.196655	1.504719	0.947457	1.082719	0.936566
ENSMUSG Matn2	1.375879	1.980693	1.535052	1.152922	0.919142	1.317295
ENSMUSG Rida	7.504589	8.08579	9.028998	7.324711	6.43633	7.239216
ENSMUSG Shcbp1	0.288675	0.535573	0.1535	0.931342	1.269049	1.636233
ENSMUSG Cdh10	0	0	0	0	0	0.015407
ENSMUSG Stk3	9.593926	10.37603	9.289575	9.493942	9.380938	8.356012
ENSMUSG Cd40lg	0.90571	0.73266	0.609522	1.088228	1.234858	0.946865
ENSMUSG Arhgef6	18.94414	19.12919	17.76013	16.65244	16.77221	16.478681
ENSMUSG Brs3	0	0	0	0	0	0
ENSMUSG Vgll1	0	0	0	0	0	0
ENSMUSG Fgf13	0.554172	0.274908	0.708529	0.399069	0.247428	0.407601
ENSMUSG Rbmx	14.58406	15.5631	16.2592	12.46088	12.79535	12.797845
ENSMUSG F9	0.066987	0.030817	0.09763	0.265543	0.40343	0.26422
ENSMUSG Mcf2	0	0	0	0	0	0
ENSMUSG Hoxb2	8.033031	4.749465	6.240987	4.721203	4.683363	4.805926
ENSMUSG Htr1f	0	0	0	0	0	0
ENSMUSG Ccpg1	68.11233	69.27569	67.45506	63.78028	59.5027	60.89011
ENSMUSG Washc4	9.307907	10.68828	8.83236	9.990833	10.39566	9.906774
ENSMUSG A730049H	0.197314	0.164967	0.203344	0.151539	0.120165	0.069472
ENSMUSG Atp5h	119.273	119.2813	125.4252	127.6738	125.0427	130.37961
ENSMUSG Ubxn10	5.547614	7.682553	3.994962	9.390521	9.428517	8.442546
ENSMUSG Tnfsf10	33.49748	30.90924	54.8448	42.58663	27.29622	28.302203
ENSMUSG Hexdc	6.090367	6.943234	6.911526	6.779965	5.47775	6.443401
ENSMUSG Ndst2	8.712617	8.266021	7.864665	8.200962	8.07171	8.103064
ENSMUSG 1700019D	0.200839	0.430888	0.221157	0.601338	0.485394	0.601314
ENSMUSG Irf5	7.535306	7.352422	11.91858	20.02288	17.70186	19.653824

ENSMUSG Ahcyl2	20.8681	29.50353	21.06083	50.11626	52.15934	52.027177
ENSMUSG Klhdc10	12.57767	11.96272	10.84033	10.43267	10.81143	10.539737
ENSMUSG Gars	24.28161	20.20155	21.45134	19.22243	20.24071	22.604025
ENSMUSG Hibadh	33.52127	35.59057	34.76314	36.77441	37.14021	38.13306
ENSMUSG Adcyap1r1	1.073479	1.190446	0.645814	0.891296	1.492518	0.843025
ENSMUSG Tymp	2.815603	2.99946	3.524808	3.489286	2.930165	3.095778
ENSMUSG Cdx2	0	0	0	0.056954	0	0
ENSMUSG Rasl11a	16.99856	20.2165	20.37009	21.86988	21.49093	19.881727
ENSMUSG Mapk12	22.09167	18.84801	21.74455	13.2683	12.92385	12.266123
ENSMUSG Hnrnph1	82.71004	83.50374	96.86978	69.21199	61.94077	64.957102
ENSMUSG Olfr447	0	0	0	0	0	0
ENSMUSG Crim1	48.97285	43.08938	51.70862	29.27459	27.72468	28.470888
ENSMUSG Strn	7.492287	7.995891	7.118801	6.929176	6.971528	7.025206
ENSMUSG Vit	0.304614	0.514668	0.070744	0.195415	0.139054	0.197313
ENSMUSG Prkd3	24.31998	25.69411	21.65419	19.61263	20.0471	19.736644
ENSMUSG Birc6	14.5849	15.27383	12.54854	12.89342	13.67729	15.038989
ENSMUSG Yipf4	25.48073	22.71674	22.79563	18.86807	19.85758	18.360188
ENSMUSG Psg23	0	0	0	0	0	0
ENSMUSG Ccdc61	6.593056	6.50968	7.746908	6.49126	6.367777	7.347536
ENSMUSG Bpifb3	0	0	0	0	0	0
ENSMUSG Bpifb6	0	0	0	0	0	0
ENSMUSG Hsd3b7	24.19354	20.74282	22.3952	24.62918	23.81665	25.296255
ENSMUSG Gucy2f	0.013566	0.016282	0	0.006428	0	0
ENSMUSG Stab1	17.66305	13.84094	16.87407	16.98602	17.57029	16.284273
ENSMUSG Itga1	29.77583	29.42778	35.57338	24.68657	21.76255	20.663715
ENSMUSG Tubgcp6	5.399655	5.632755	4.88886	4.42751	4.258719	4.326174
ENSMUSG Nfe2	3.170013	3.437505	4.975312	3.864167	2.991461	4.063373
ENSMUSG Cds2	46.31242	44.80906	46.01389	32.98537	33.85633	32.45628
ENSMUSG Zfp626	2.330598	2.755936	2.761257	2.620169	2.261749	2.440114
ENSMUSG Nap111	49.39731	59.51234	57.93788	48.7803	48.68922	44.826319
ENSMUSG Fam111a	6.169142	5.409492	6.420562	8.11444	8.045631	8.824093
ENSMUSG Zfp91	32.49228	34.00013	29.82608	29.16621	28.42566	26.417717
ENSMUSG Keg1	0	0	0	0	0	0
ENSMUSG Gna14	5.087687	5.454146	4.154741	5.696444	5.735837	5.896355
ENSMUSG Lpxn	2.726849	2.306072	2.454062	8.973156	8.867608	11.833994
ENSMUSG Zdhhc4	18.78748	20.53004	19.43728	14.93529	14.12357	14.405088
ENSMUSG Rac1	106.7518	106.9946	105.63	76.5373	87.59464	73.620356
ENSMUSG Sod2	22.75839	23.34619	20.5033	20.11874	20.24837	18.686402
ENSMUSG Fabp9	0	0	0	0	0	0
ENSMUSG Stx16	14.94982	15.75748	17.06187	17.72191	13.48906	14.696552
ENSMUSG Gnas	363.6171	287.7596	377.5538	315.9944	326.9383	315.40346
ENSMUSG Nrpf2	10.14956	10.73558	9.481014	10.97648	13.52386	11.448354
Mus_musc Mus_musc	0.302799	0.38769	0.222171	0.121774	0.31058	0.450204
Mus_musc Mus_musc	0	0	0	0.32592	0	0.258455
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Edn3	9.401029	7.461153	6.716374	4.19978	4.3259	4.162048
Mus_musc Mus_musc	0	0.033081	0	0.144672	0.394128	0.407617
Mus_musc Mus_musc	0.146353	0.123573	0.243655	0.183615	0.143023	0.160481
ENSMUSG Rhox3g	0	0	0	0	0	0
ENSMUSG Cyp2a5	14.55523	37.6236	4.658627	15.26566	9.692699	7.706955
ENSMUSG Fcer2a	3.38725	1.913363	2.420024	7.460415	7.874211	9.777047
ENSMUSG Psmc9	8.708744	7.769473	7.781569	7.209642	7.636738	7.599832
ENSMUSG Gm10647	0.157924	0.061845	0.104465	0.369229	0.097564	0.128098
ENSMUSG Aicda	0.04691	0.146307	0.082115	0.499917	0.741491	0.751128
ENSMUSG Plekhg1	5.407594	5.531363	5.089819	5.128632	4.662204	5.108478
ENSMUSG Dhx33	4.934878	4.583999	5.072565	4.014379	4.56884	4.677421
ENSMUSG Gemin8	3.271529	3.472145	3.75082	3.700928	4.051369	3.916361
ENSMUSG Eml5	0.820468	0.975482	0.721614	1.175897	0.620758	0.931655
ENSMUSG Mael	0	0	0	0	0	0
ENSMUSG Tmem8b	1.466033	1.694831	1.434749	1.110754	1.092969	0.93871
ENSMUSG Pigc	7.073218	7.229471	7.473248	6.739082	6.860185	7.001658
ENSMUSG Itga7	2.720163	2.829331	2.859985	4.82887	4.749313	6.252007
ENSMUSG Fmo3	20.21016	21.01996	10.90807	5.617762	5.222692	3.826771
ENSMUSG Myoc	0.14116	0.022923	0	0.120653	0	0

ENSMUSG Vamp4	20.82419	23.10199	20.20272	25.34964	22.04803	21.516036
ENSMUSG Mettl13	1.872695	1.936826	2.021988	2.11615	2.057724	1.911174
ENSMUSG Vmn1r114	0	0	0	0	0	0
ENSMUSG Tdpoz1	0	0	0	0	0	0
ENSMUSG Gm1604a	0	0	0	0	0.074455	0.164334
ENSMUSG Gm20826	0	0	0	0	0	0
ENSMUSG Olfr8	0	0	0	0	0	0
Mus_musc Mus_musc	0.205874	0.306741	0.369933	0.273303	0	0
Mus_musc Mus_musc	0.288371	0.313936	0.500163	0.917989	0.715517	0.571923
ENSMUSG Odf3b	8.40852	7.13219	7.28665	11.15911	9.008375	8.806615
Mus_musc Mus_musc	0	0	0	0.6465	0	0
ENSMUSG Acmsd	0.051973	0.039472	0.127402	0.030935	0.034494	0
ENSMUSG Defb9	0	0	0	0	0	0
ENSMUSG Lypd1	0.105386	0.054289	0	0.085534	0.047154	0.102658
ENSMUSG Tmem163	5.201762	4.936477	4.609088	4.073635	4.27113	4.536825
Mus_musc Mus_musc	0.039941	0.175508	0.135454	0	0.329864	0.292932
ENSMUSG Gpr39	3.154131	3.936478	2.052795	2.798137	3.02727	3.679589
ENSMUSG Slc35f5	19.84573	22.73148	21.64199	19.89451	19.05139	17.445717
ENSMUSG Neu1	13.0419	14.06179	17.34751	19.08667	18.63898	19.686436
ENSMUSG Ddah2	57.53078	55.2092	60.24255	37.99302	36.34813	39.714809
ENSMUSG Abhd16a	40.82438	38.51689	43.47345	35.25557	30.66646	34.083134
ENSMUSG Mamstr	1.895452	0.989623	1.41638	0.833926	0.895268	1.077767
ENSMUSG Msh5	1.5619	0.956739	1.375197	1.876241	1.032644	1.623011
ENSMUSG Hspa1l	0.920962	1.572634	1.386804	1.031989	1.032339	1.227922
ENSMUSG Vwa7	0.498613	0.595747	0.693276	0.444823	0.492889	0.477129
Mus_musc Mus_musc	0.169715	0.285982	0.319827	0.341081	0.18657	0.262421
ENSMUSG Mapk3	166.947	160.9344	164.3392	133.8024	131.4995	137.28991
Mus_musc Mus_musc	0.316892	0.199631	0.232336	0	0.175378	0
Mus_musc Mus_musc	0.120896	0.082432	0.079384	0.54871	0.246327	0.699202
Mus_musc Mus_musc	0	0.053726	0	0	0.053515	0.175507
Mus_musc Mus_musc	0	0.042166	0.234252	0	0	0
Mus_musc Mus_musc	0.279304	0.385978	0.211506	0.101548	0	0
Mus_musc Mus_musc	0.709787	0.311725	0.313923	0.339974	0.363327	0.263599
Mus_musc Mus_musc	0.298977	0.077587	0.058663	0.546195	0.413298	0.460849
ENSMUSG Sox7	40.29555	33.201	28.90401	15.96602	15.6134	15.846942
ENSMUSG Sf3a1	11.95922	11.22068	11.27977	10.56892	11.16832	11.740526
ENSMUSG Serinc4	0.003422	0.15789	0.016822	0.029912	0.024344	0.010499
ENSMUSG Cep295	2.933062	3.407403	2.438458	2.973224	2.663106	2.624407
Mus_musc Mus_musc	0	0.06751	0.338036	0	0.067093	0
Mus_musc Mus_musc	0.180169	0.120033	0.315797	0.12748	0.131888	0.048132
Mus_musc Mus_musc	0	0.388603	0.070631	0	0	0.220663
Mus_musc Mus_musc	0.049299	0.393744	0.312515	0.044098	0.031115	0.053856
ENSMUSG Sertad4	1.483428	1.198868	0.787545	0.852575	0.595075	1.201444
Mus_musc Mus_musc	0.119656	0	0	0	0	0.116791
Mus_musc Mus_musc	1.787205	2.004715	1.613462	2.186086	2.018793	2.091671
ENSMUSG Gm21820	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.202833
ENSMUSG Bmp10	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.180963	0	0	0	0.192307	0
Mus_musc Mus_musc	0.431815	0.316592	0.371579	0.394959	0.44214	0.224911
Mus_musc Mus_musc	0.878401	0.921667	1.168872	0.66117	0.449718	0.479161
ENSMUSG Gm5089	0	0	0	0	0	0
ENSMUSG Scgb3a1	11.81489	169.1757	2.707929	451.7381	393.5004	329.9962
ENSMUSG Sstr2	1.158496	1.120632	0.722886	0.564598	0.571141	0.24031
ENSMUSG Sirpb1b	0.715231	0.378001	1.086289	1.072418	0.860292	0.862444
ENSMUSG Gm36079	0	0.060593	0.044224	0.651017	0.357426	0.367408
ENSMUSG Gm3336	0.09398	0.231665	0.180845	0.292904	0.165628	0.603517
ENSMUSG Gm5458	0	0	0	0	0	0
ENSMUSG Olfr766-ps	0	0	0	0	0	0
ENSMUSG Gm20765	0	0	0	0	0	0
ENSMUSG Smim11	24.91708	24.80162	26.61814	21.66621	22.42321	19.348352
ENSMUSG Casr	0.012441	0.031277	0.022356	0.031856	0.019723	0.042655
ENSMUSG Igfn1	0	0	0	0.015429	0	0.019589

ENSMUSG Sec31b	0.631975	0.580961	0.439729	0.60952	0.466128	0.519882
ENSMUSG Tmem143	4.133231	4.511449	2.949445	4.140565	4.363383	4.098179
ENSMUSG Adgrg4	0	0	0	0	0	0
ENSMUSG Dnajc5g	0	0	0	0	0	0
ENSMUSG Tcf25	62.99153	60.97188	63.85333	58.03289	54.81672	61.612763
ENSMUSG Tubb6	14.1869	14.38638	15.68082	23.04544	23.36098	28.237942
ENSMUSG Fbxo7	4.434022	4.168612	4.392553	4.231552	4.109851	4.321994
ENSMUSG Pwp1	9.457499	8.263704	8.80641	8.751348	8.718576	10.379312
ENSMUSG Rtcbl	52.43625	53.35237	57.24896	49.93589	50.36263	54.012463
ENSMUSG Lnp1	0	0	0	0	0	0
ENSMUSG Vmn1r189	0	0	0	0	0	0
ENSMUSG Spin2e	0	0	0	0	0	0
ENSMUSG Magea1	0	0	0	0	0	0
ENSMUSG Tpra1	24.8035	23.10889	25.77572	23.98796	23.51742	23.635492
ENSMUSG Mcm2	4.735006	5.86572	4.944477	6.508338	6.67277	8.078487
ENSMUSG Gm904	0	0	0	0	0	0
ENSMUSG Gm4312	0	0	0	0	0	0
ENSMUSG Tns4	0.356765	0.307156	0.385843	0.839193	0.749596	0.789735
ENSMUSG Gm3411	0.07593	0.051307	0	0.013512	0	0.029525
ENSMUSG mt-Co2	2140.729	2315.438	2104.032	2350.753	2287.49	2101.5015
ENSMUSG Gm15114	0	0	0	0	0	0
ENSMUSG Gm2974	0	0	0	0	0	0.015198
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.080505	0	0	0	0.164866
ENSMUSG mt-Atp8	2886.283	2952.022	2648.303	3444.167	3003.378	2641.9556
Mus_musc Mus_musc	0	0	0	0.15051	0	0
Mus_musc Mus_musc	0.552759	0.296176	0.277911	0.23919	0.373478	0.068289
ENSMUSG mt-Atp6	2309.337	2474.085	2274.941	2853.233	2487.564	2182.7026
ENSMUSG Gm49366	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.261897	0	0.077315
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Nedd8	53.66402	57.01792	54.5549	57.27127	49.24092	56.260256
ENSMUSG Ddx3x	91.6015	93.4668	82.83965	78.81266	76.29958	74.574646
ENSMUSG Tcf7	19.63199	15.86759	19.1713	13.88362	16.378	13.772641
ENSMUSG Slc45a4	7.147994	4.810502	7.29144	9.267767	5.431214	5.480948
ENSMUSG Col22a1	0.005059	0.016326	0.02238	0.008889	0.018269	0.008951
ENSMUSG Gm21961	0	0	0	0	0	0
ENSMUSG Gsdmc	0	0	0	0	0	0
ENSMUSG Gm5662	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.012158	0.199913
Mus_musc Mus_musc	0	0	0	0	0.041647	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.662615	0.623985	0.141567	0.382623	0.468809	0.812282
ENSMUSG Smim10l2a	0.661449	0.485304	0.429647	0.935382	0.676009	0.713347
ENSMUSG Rnd1	5.66699	4.527884	5.886634	4.318786	3.173386	4.669889
ENSMUSG Cep170	12.27796	11.56645	11.23259	9.979423	11.38128	10.620484
ENSMUSG Rbbp8	5.168748	5.446821	4.399948	4.906499	4.995199	4.969601
ENSMUSG Vps41	17.18745	17.61464	16.6666	18.60257	19.47669	19.906546
ENSMUSG Pklr	0.051641	0.137007	0.047677	0.282438	0.335833	0.230264
ENSMUSG Chd7	4.862986	4.698859	4.864953	5.309536	5.947305	5.904312
ENSMUSG Ublcp1	9.336598	8.742344	8.790222	7.481694	7.695963	7.637379
ENSMUSG Carmil2	1.093644	0.632433	0.967201	1.561911	1.414926	1.697484
ENSMUSG Fam72a	0.586493	0.675341	0.514065	0.493615	0.584021	0.610564
ENSMUSG Myf5	0	0	0	0	0	0
ENSMUSG Gpr18	1.535381	1.227057	3.064759	2.511734	2.511374	2.521433
ENSMUSG Mkrn2	8.503383	8.970151	8.711169	6.879345	5.700533	6.540721
ENSMUSG Mcrip2	3.762818	4.705676	4.567073	6.302758	4.653811	5.170871
ENSMUSG Fam71d	0.08154	0.022816	0	0.029472	0	0.031183
ENSMUSG Cln5	21.42187	20.3597	22.16864	25.04271	28.55518	29.807469
ENSMUSG Fbxl3	32.12057	30.39159	29.61124	24.72057	23.27535	23.15139
ENSMUSG Actl11	0	0	0	0	0	0
ENSMUSG Rnf219	2.902756	2.819186	2.744489	2.688224	2.718826	2.680078
ENSMUSG Scel	42.98257	36.17036	29.13923	19.39834	18.37252	18.869066
ENSMUSG Ednrb	41.36238	38.18075	32.63898	18.67115	19.3707	17.380022

ENSMUSG Serpina3f	3.778984	3.012645	27.72285	25.58067	12.59905	8.724446
ENSMUSG Serpina3c	0.915602	0.601688	1.015525	3.640342	5.55859	4.185763
ENSMUSG Dct	0	0.124036	0	0	0	0.041739
ENSMUSG Serpina1a	2.563525	1.843165	3.216286	1.711749	2.732285	1.924863
ENSMUSG Serpina3b	0	0	0	0	0	0
ENSMUSG Ubl7	29.13954	30.08686	28.29778	26.79165	26.58833	26.615949
ENSMUSG Rras2	20.63669	22.18517	22.16551	18.35028	20.14331	20.325794
ENSMUSG Paqr3	1.299279	0.886893	1.28659	0.962768	0.871654	0.652099
ENSMUSG Kctd16	0.041119	0.104551	0.036442	0.059209	0.088433	0
ENSMUSG Ppp1r37	23.87992	22.43352	21.79889	19.04148	19.07065	20.826565
ENSMUSG Gpx1	267.2084	257.3359	280.9122	372.0802	367.4136	439.19887
ENSMUSG Rnf183	0.048567	0.040395	0.114267	0.175535	0.314086	0
ENSMUSG Sidt1	1.459855	1.183458	1.582242	1.256065	1.250536	1.657091
ENSMUSG Jmjd8	22.03928	20.79336	23.88937	19.09631	17.83761	17.294955
ENSMUSG Trnt1	14.41782	13.88591	13.12767	13.30669	13.74385	13.239437
ENSMUSG Gm29797	0.046572	0.053753	0.153721	0	0.059346	0.078066
ENSMUSG Gm6169	4.553282	3.889343	4.011168	3.500935	4.455241	4.721426
ENSMUSG Olfr1022	0	0	0	0	0	0
ENSMUSG Ankrd29	3.752982	3.572409	4.105499	2.651591	2.760303	2.439491
ENSMUSG Dpysl4	0	0.052827	0	0.012188	0	0
ENSMUSG Cyp2e1	6.195087	11.61214	1.968341	6.010536	3.279083	3.655489
ENSMUSG Adam8	3.355132	3.339315	2.663405	30.66797	36.74805	39.445059
ENSMUSG Zfp511	7.203939	6.535106	8.556656	7.773617	7.566956	7.716814
ENSMUSG Inpp5a	39.11477	41.42724	42.36684	26.05468	28.56182	26.383544
ENSMUSG Tubgcp2	8.406781	7.123466	6.775663	6.99248	6.812682	7.460916
ENSMUSG Adgra1	0.023717	0.026983	0	0.019896	0.011771	0.100842
ENSMUSG Gm4064	0	0	0	0	0	0
ENSMUSG D1Pas1	0	0	0	0	0	0
ENSMUSG Ppp1r10	14.64842	12.7716	15.01976	11.15202	10.85673	13.786714
ENSMUSG Rpl22l1	24.90762	23.91706	24.34224	26.81019	17.75561	23.643951
ENSMUSG Olfr487	0	0	0	0	0	0
ENSMUSG Olfr204	0	0	0	0	0	0
ENSMUSG Gm21822	0	0	0	0	0	0
ENSMUSG Gdi1	53.71111	50.57071	57.66681	40.31722	39.47915	39.146847
ENSMUSG Ubl4a	24.1234	22.08573	23.10205	18.81164	17.93028	17.749248
ENSMUSG Cbln4	0	0	0	0	0.019171	0
ENSMUSG Dhps	13.878	12.8813	14.2197	11.19892	10.93247	11.010717
ENSMUSG Olfr317	0	0	0	0	0	0
ENSMUSG H2afj	38.37595	42.97878	47.34741	52.55636	48.48015	52.798576
ENSMUSG Ctf2	0.11209	0.075309	0.053075	0	0	0.056824
ENSMUSG Rpl3	174.5193	175.8356	173.7756	185.3694	177.6448	196.21477
ENSMUSG Ect2l	0.647347	0.884064	0.58979	1.050939	0.926216	1.129342
ENSMUSG Gm11808	291.6461	288.0072	334.273	341.693	297.6884	354.68808
ENSMUSG Apol9b	0.458087	0.825095	2.444988	1.703977	0.834045	1.219149
ENSMUSG 2410004Pc	3.031875	3.839502	2.109072	4.715361	3.995133	4.551641
ENSMUSG Phf11d	7.76322	7.126168	12.0631	7.2874	5.663172	5.724061
ENSMUSG lbtk	8.003194	8.366564	7.151867	9.434694	9.43743	9.392983
ENSMUSG Gsx2	0	0	0	0	0	0
ENSMUSG Ttc38	4.455126	4.108068	3.479661	3.756483	3.363325	4.010239
ENSMUSG Fbxw2	46.25622	44.00192	42.35284	30.86544	37.92925	32.910501
ENSMUSG Olfr1450	0	0	0	0	0	0
ENSMUSG Vmn2r69	0	0	0	0	0	0
ENSMUSG D630036H	0.415619	0.158974	0.20469	0.112904	0.253206	0.15571
ENSMUSG Tcerg1l	0.042591	0.118093	0.019759	0	0.021253	0.043084
ENSMUSG Slc25a35	4.462289	6.302695	5.293114	9.354209	9.010905	11.452387
ENSMUSG Lrrc14b	0.002154	0.001352	0	0.001791	0.002878	0
ENSMUSG Ccdc127	5.209256	4.457886	4.779474	4.587952	4.440233	4.154162
ENSMUSG Olfr17	0	0	0	0	0	0
ENSMUSG Olfr716	0	0	0	0	0	0
ENSMUSG Ahrr	0	0.053947	0.049572	0.061641	0.016415	0.03452
ENSMUSG Rbmxl2	0	0	0	0	0	0
ENSMUSG Olfr472	0	0	0	0	0	0
ENSMUSG Cep72	0.729901	0.844693	0.588146	0.592073	0.450068	0.932567
ENSMUSG Rap1a	42.58719	43.44784	49.9594	53.38859	48.21197	47.221651

ENSMUSG Col28a1	0.17474	0.177693	0.13381	0.156039	0.249938	0.099844
ENSMUSG Vmn1r229	0	0	0	0	0	0
ENSMUSG AC170998	0.307605	0.589272	0.256138	0.286648	0.362509	0.174053
ENSMUSG Pcdha5	0	0.074193	0	0	0	0.030448
ENSMUSG Parp9	13.46292	13.32489	19.57638	17.25287	12.39485	13.012707
ENSMUSG Kpna1	13.54268	15.35787	13.99515	12.45205	11.97558	12.41179
ENSMUSG Stfa2	0	0	0.211619	0	0.08086	0
ENSMUSG Cd86	1.793001	1.956488	2.23536	3.550916	2.412662	3.22141
ENSMUSG Ildr1	5.385392	6.218736	5.7257	5.653948	5.580361	6.153137
ENSMUSG Coq10a	8.841567	7.902248	7.432476	7.879417	7.496617	8.973629
ENSMUSG Rhbdd2	7.162504	6.204416	5.795491	5.174647	5.208025	4.925328
ENSMUSG Cited2	26.88021	24.65401	24.20441	25.4871	27.61878	23.985957
ENSMUSG Spsb1	7.765292	10.32021	7.119123	6.567508	7.33752	7.36339
ENSMUSG Pak7	0	0	0	0	0.021103	0
ENSMUSG Slc16a10	4.016246	3.874341	3.685038	3.541927	3.803471	3.637156
ENSMUSG Wasf1	0.473917	0.287208	0.261575	0.334592	0.386362	0.21826
ENSMUSG Rab32	6.015813	6.270345	8.002457	9.155184	10.07026	11.030949
ENSMUSG Slc22a16	0	0	0	0	0	0
ENSMUSG Gtf3c6	9.212599	8.143577	8.53439	9.998788	9.15839	9.143036
ENSMUSG Kif1b	27.72679	29.07157	25.27312	21.51021	22.51767	22.123946
ENSMUSG Ifna11	0	0	0	0	0	0
ENSMUSG Cpa1	0.100964	0.113563	0.176833	0.050457	0.194122	0
ENSMUSG Helb	2.883851	3.047269	3.164938	3.36051	3.366682	3.891788
ENSMUSG Slc5a4a	0	0	0	0	0	0
ENSMUSG Llph	20.28963	18.39778	21.8854	18.30389	18.27305	17.904368
ENSMUSG Tmbim4	38.32516	36.03496	49.75849	43.34125	40.20476	42.895418
ENSMUSG Slc5a4b	0	0.014217	0	0	0	0
ENSMUSG Irak3	3.531378	3.355938	3.271303	4.09347	3.837489	3.314817
ENSMUSG Vps13d	7.513286	9.331103	6.845109	7.795494	8.309692	8.188306
ENSMUSG Olfr1463	0	0	0	0	0	0
ENSMUSG Fan1	3.430514	3.260006	2.627836	2.646655	3.02188	2.979851
ENSMUSG Adamts15	5.456245	7.564693	6.122796	7.98048	8.756667	9.446095
ENSMUSG Tagap	4.527746	3.499374	5.099609	5.115487	5.754415	5.802435
ENSMUSG Zbtb1	3.326139	3.241647	3.276017	3.378554	3.138453	3.322379
ENSMUSG Scgb1b11	0	0	0	0	0	0
ENSMUSG Ppfia1	19.31873	18.82692	16.73066	15.92014	16.1498	15.681063
ENSMUSG Pank2	10.79228	10.49303	9.503494	9.453881	10.86386	8.560292
ENSMUSG Gm6525	0.02741	0.162707	0.098505	0.076946	0.305348	0
ENSMUSG Atp6v1e1	69.20345	66.18821	70.06871	63.41658	62.00393	64.473525
ENSMUSG Tssk5	0	0	0	0	0	0
ENSMUSG 1700010I1	0.635871	0.635695	0.511002	1.055872	0.785501	1.1742
ENSMUSG Gmfg	40.69015	33.90362	43.70334	40.43082	36.16431	36.656938
ENSMUSG Cebp	28.11656	19.33118	22.5782	8.317286	15.14242	12.100444
ENSMUSG Rimbp3	0.08727	0.015603	0	0.083191	0.018792	0.051148
ENSMUSG Intu	2.350684	2.796986	1.805086	2.39792	2.492154	2.364058
ENSMUSG Gm4952	0	0.073388	0	0	0	0
ENSMUSG 2510002D	9.98571	10.56906	10.55727	8.498963	8.80998	9.71124
ENSMUSG Glis	20.8428	18.94668	20.19596	17.90813	15.80832	16.229547
ENSMUSG Inpp1	3.823605	3.881918	4.00483	3.77574	2.985103	3.235989
ENSMUSG Mstn	0	0	0	0.013188	0	0
ENSMUSG Nabp1	7.549128	6.149422	8.552522	10.51869	8.768829	8.898369
ENSMUSG Stat1	25.24439	20.96514	79.30282	55.02383	23.89923	28.073885
ENSMUSG Rpp25	0.938175	0.973027	0.466444	0.637978	0.372335	0.733897
ENSMUSG Bcs1l	5.625855	4.848806	5.17794	4.541119	5.873637	4.919076
ENSMUSG Tmeff2	1.605579	1.087438	1.405098	0.789205	0.745801	0.663632
ENSMUSG 2310007B	25.12013	21.31308	21.45335	14.42582	13.7407	14.630785
ENSMUSG Lrrc58	20.38585	20.32638	19.05851	13.86414	14.41782	13.749717
ENSMUSG Cipc	13.66074	13.14901	13.2544	10.64244	10.0552	10.611369
ENSMUSG Tspoap1	0.410331	0.46156	0.343162	0.428151	0.490836	0.390537
ENSMUSG Ino80	6.557766	6.510618	6.137557	5.540938	5.1492	5.713035
ENSMUSG Exoc3	10.67936	11.06293	10.00623	9.725796	10.0739	9.927653
ENSMUSG Zbbx	0.697693	0.700837	0.637199	1.59268	1.706582	1.766666
ENSMUSG Kcng1	0.477007	0.401243	0.693287	0.608072	0.576011	0.612338
ENSMUSG Cenps	1.349411	0.537172	1.373907	1.564265	2.978891	1.711989

ENSMUSG Mocs3	2.228453	2.578365	2.357914	1.925644	2.354992	2.644515
ENSMUSG Rpl31	188.1	195.0227	198.9792	205.7117	195.8666	199.98589
ENSMUSG Khl21	14.00516	14.86334	13.67951	10.56607	11.39395	11.295063
ENSMUSG Lekr1	1.03933	1.194126	1.142327	1.359956	1.128271	1.033494
ENSMUSG Oasl2	10.6646	8.153831	22.06318	9.952068	6.630711	7.014204
ENSMUSG Zbtb40	2.465418	2.961972	2.706618	2.752036	2.925932	2.880402
ENSMUSG Tcl1b2	0	0	0	0	0	0
ENSMUSG Ube2s	35.07916	29.9507	36.00868	27.18634	38.1407	44.321346
ENSMUSG Pnkd	23.00898	22.67798	25.7065	21.02513	20.33886	22.795527
ENSMUSG Zc3h6	1.946451	1.597761	1.150271	1.564804	1.293474	1.095578
ENSMUSG Trp53rkb	0.758993	0.252574	0.852912	0.354162	0.591818	0.778783
ENSMUSG Ctns	7.369911	8.056274	8.226944	7.546844	8.517177	9.039042
ENSMUSG Defb14	0	0	0	0	0	0
ENSMUSG Simc1	1.73913	1.807502	2.016918	1.827846	1.742316	1.616432
ENSMUSG Gjb2	0.717349	0.934578	0.817929	1.611421	1.515886	1.349934
ENSMUSG Itgae	2.181262	2.283697	2.029145	3.619174	3.281561	3.748226
ENSMUSG Olfr1318	0	0	0	0	0	0
ENSMUSG Zfp672	8.584363	7.363208	6.568398	6.275207	6.134158	6.336337
ENSMUSG Rpl36al	96.94464	98.45061	106.7246	142.221	137.7754	135.06808
ENSMUSG Gm10775	0	0	0	0.044119	0	0
ENSMUSG St6galnac6	10.93825	11.69201	9.568082	13.03218	12.81426	13.462211
ENSMUSG Dpm2	19.11906	19.67993	21.49617	20.74837	17.1001	21.7021
ENSMUSG Tsc1	5.57931	6.130244	5.277897	5.346656	5.492803	5.814318
ENSMUSG Thsd7b	0.018068	0.057621	0.02197	0.019858	0.052044	0.020426
ENSMUSG Eng	234.4649	194.1996	230.0793	136.4607	138.6731	133.22553
ENSMUSG Ak1	7.302819	9.47233	5.872477	10.20563	9.156646	11.582411
ENSMUSG Gtf3c5	9.822497	9.727907	9.630181	7.403814	8.302074	8.520285
ENSMUSG Slc25a25	17.36849	12.41126	15.55465	9.086359	9.988463	10.260008
ENSMUSG Cel	0	0.016156	0.023256	0.022522	0	0
ENSMUSG Cux2	0.386959	0.977324	0.41107	0.429632	0.518292	0.630715
ENSMUSG Cdc42bpg	70.77055	76.05225	69.31257	44.82994	42.68583	41.087868
ENSMUSG Slfn8	2.089674	1.982518	3.985616	2.904285	2.801707	3.131551
ENSMUSG Sppl2b	8.183246	8.250163	8.539431	9.052788	8.853303	8.572262
ENSMUSG Chrn4	0.136819	0.192814	0.063345	0.180653	0.239345	0.366938
ENSMUSG B020004JC	0.02693	0.052556	0	0.048083	0	0
ENSMUSG Lars2	11.81935	19.79491	30.90031	24.41588	19.34452	16.113375
ENSMUSG Epn1	46.09028	42.78455	47.03108	44.10891	40.76754	42.701583
ENSMUSG Chmp5	65.95026	67.58305	67.74425	57.26439	56.38767	56.475338
ENSMUSG B4galt1	28.28234	26.06567	23.64602	27.29227	30.17115	32.856964
ENSMUSG Slc44a1	23.18944	24.0975	21.34161	21.35045	21.6397	21.935161
ENSMUSG Aptx	5.380934	4.086337	5.310283	3.260471	2.878559	3.804879
ENSMUSG Dnaja1	56.20079	98.94037	96.31723	54.92969	55.38875	64.531003
ENSMUSG Tal2	0	0.041966	0.064197	0.029989	0.111287	0.071108
ENSMUSG Ubc	141.6066	127.2909	144.6533	96.95178	102.7258	132.18937
ENSMUSG Spink4	0.162929	0.834514	0.348511	1.306655	0	0.899126
ENSMUSG Fktn	7.239773	8.408613	6.707791	5.380693	5.752996	5.319088
ENSMUSG Gli2	0.723951	0.658947	0.74816	0.83264	0.67985	0.778095
ENSMUSG Prss54	0	0	0	0	0.030224	0
ENSMUSG Magea10	0	0	0	0	0	0
ENSMUSG Zfp536	0.048422	0.13319	0.075671	0.068419	0.055836	0.028021
ENSMUSG Pcdhb12	0.443429	0.677252	0.931933	0.446397	0.475776	0.53125
Mus_musc Mus_musc	0	0	0	0	0.158326	0.184186
Mus_musc Mus_musc	5.04763	2.820676	3.311258	2.519476	2.066733	2.137937
Mus_musc Mus_musc	0	0.29963	0	0	0	0
ENSMUSG Pgrmc1	159.7216	165.4276	144.1143	91.37619	95.66369	92.719276
ENSMUSG Gcat	2.918284	2.811944	2.262944	2.947187	2.993703	4.328182
ENSMUSG Prox2	0.881659	1.142444	0.927417	0.899341	0.875274	0.771138
ENSMUSG Pbrm1	14.42916	14.70078	11.98653	14.01537	13.96589	13.776012
ENSMUSG Prrt2	1.968266	1.791427	2.438125	1.484692	1.296701	1.206568
ENSMUSG Taar6	0	0	0	0	0	0
ENSMUSG Hps4	4.059262	3.900079	3.469178	4.872005	4.120969	4.621499
ENSMUSG Sec14l1	63.26678	64.52323	60.76337	50.89374	56.64155	51.576325
ENSMUSG Gm1123	0	0	0.022532	0.033626	0.044092	0.03595
ENSMUSG Defb36	0	0	0	0	0	0

ENSMUSG Ankrd50	26.23347	27.49137	24.76725	20.04852	21.3063	18.299607
ENSMUSG Rhox7b	0	0	0	0	0	0
ENSMUSG Rhox2h	0	0	0	0	0	0
ENSMUSG Tent5a	4.856916	6.00987	4.75256	6.866985	7.227176	8.00549
ENSMUSG Tm4sf19	0	0	0.045829	16.84759	15.73674	19.999666
ENSMUSG Bckdhh	8.636747	9.847935	8.409118	6.511053	7.740246	7.383135
ENSMUSG Elovl4	0.135463	0.12536	0.051621	0.06622	0.014308	0.046952
ENSMUSG Muc4	0.637826	0.87296	0.438072	2.591826	3.087632	2.621616
ENSMUSG Htr3a	0	0	0	0	0	0
ENSMUSG Rhox2g	0	0	0	0	0	0
ENSMUSG Il20rb	0.350682	0.387458	0.654212	1.016496	1.136664	0.987569
ENSMUSG Dnajb3	0.38322	0.357657	0.611932	0.268889	0.079935	0.513654
ENSMUSG Bhlha9	0	0.02787	0	0	0	0
ENSMUSG Vmn1r45	0	0	0	0	0	0
ENSMUSG Defb29	0	0	0	0	0	0
ENSMUSG Psm2	53.27398	51.57915	56.50057	51.90665	53.88103	56.289988
ENSMUSG Tas2r117	0	0	0	0	0	0
Mus_musc Mus_musc	1.922962	4.076924	2.339766	2.558262	3.192379	1.866954
ENSMUSG Prdx6b	0	0	0	0.015984	0	0
Mus_musc Mus_musc	0	0	0	0.108675	0.391152	0.501429
Mus_musc Mus_musc	0.89853	1.01916	0.82625	1.115839	0.894844	1.38811
Mus_musc Mus_musc	0.293313	0.535269	0.36476	0.2056	0.13485	0.176245
Mus_musc Mus_musc	0.174921	0.313253	0.039235	0.540213	0.679269	0.245344
Mus_musc Mus_musc	0.434134	0.400571	0.07039	0.516994	0.224822	0.509364
Mus_musc Mus_musc	0.814803	0.247002	0.149579	0.393962	0.151039	0
Mus_musc Mus_musc	0.508509	0.235051	0.57122	0.12714	0.426351	0.619057
Mus_musc Mus_musc	6.386481	5.837504	7.640193	4.614419	4.664276	4.265182
Mus_musc Mus_musc	1.185804	0.905421	0.929948	0.496929	0.390299	0.323753
Mus_musc Mus_musc	0.883964	0.369314	1.210643	0.327388	0.650054	0.371547
ENSMUSG Bcas3	11.61686	9.972447	9.550019	7.758886	8.759203	7.896631
ENSMUSG Pacsin2	61.4113	64.77078	65.53521	47.91417	49.56943	48.146978
ENSMUSG Actg2	12.48886	8.33078	12.2321	18.47958	25.20993	19.52929
ENSMUSG Gckr	0	0	0.027735	0.018152	0	0
ENSMUSG Max	44.15789	44.06933	50.32715	40.65793	37.53401	37.449887
ENSMUSG Cenpm	0.383052	0.442106	0.186504	1.306914	1.354868	2.194988
ENSMUSG Utp15	4.487539	4.302794	4.448782	3.895386	4.230892	4.536056
ENSMUSG Rnf10	72.17132	67.73486	67.68796	57.93448	61.83989	63.873234
ENSMUSG Pde3a	10.51767	9.007065	8.418457	6.373232	7.114182	6.014777
ENSMUSG Zc3hav1l	1.891333	1.700778	1.473022	1.43952	1.547553	1.180838
ENSMUSG Fbxo40	0.192314	0.387681	0.106946	0.298575	0.081371	0.116277
ENSMUSG Rnf150	2.980945	2.824113	2.789017	2.198621	2.690225	2.469127
ENSMUSG Kctd19	0.242319	0.140336	0.145436	0.099968	0	0.032879
ENSMUSG Ift80	5.309279	6.563679	5.312121	7.168955	5.958012	6.674997
ENSMUSG Ppp1r14b	9.29515	11.18168	12.07343	14.77225	15.0585	16.07065
ENSMUSG Dhx36	8.208602	8.571585	7.695364	7.747279	7.578978	6.946689
ENSMUSG Schip1	15.09541	15.46482	15.25843	12.34175	13.0217	10.320006
ENSMUSG Il12a	0.797799	0.439716	1.117468	0.947807	0.583861	0.479204
ENSMUSG Mfsd1	28.02949	28.05869	26.02186	29.93474	34.3101	32.494316
ENSMUSG Gfm1	9.84085	8.680048	8.576865	7.852149	7.489737	8.342852
ENSMUSG Vpreb3	18.22735	20.98486	14.09891	21.99738	17.0835	18.786933
ENSMUSG Smarcb1	29.16924	27.9105	31.85602	25.99413	26.30371	29.778794
ENSMUSG Mmp11	14.52837	12.37396	12.27283	10.72197	10.39578	9.554955
ENSMUSG Eif1a	21.52323	20.32854	21.48318	22.28894	21.46216	22.578777
ENSMUSG Olfr1508	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.322734	0	0	0.27592	0
ENSMUSG Emg1	25.60247	27.22538	30.81609	31.10191	31.50155	28.357267
ENSMUSG Ptpn6	24.52139	20.92565	29.69586	34.95017	32.25736	35.363765
ENSMUSG Eno2	0.643815	1.178792	1.213079	1.329856	1.570675	1.879972
ENSMUSG Phb2	48.55219	48.88886	49.85445	54.20727	53.74637	59.366875
ENSMUSG Tacstd2	21.78585	18.75494	24.23684	16.23696	14.82133	17.736233
ENSMUSG Zbtb22	13.18264	13.22027	11.28593	11.80629	10.98945	11.019043
ENSMUSG Atn1	23.84293	23.29688	23.77323	21.63682	19.2618	20.648308
ENSMUSG Olfr1402	0.178423	0.13873	0.236119	0.055199	0.182406	0.19478
ENSMUSG Rfesd	4.878131	4.400775	4.51924	5.082944	4.326257	4.137996

Mus_musc Mus_musc	0.107242	0	0.096351	1.946949	2.038866	1.754975
Mus_musc Mus_musc	0	0	0	0.979836	1.892394	1.835018
Mus_musc Mus_musc	0.640002	0.765328	0.969408	0.806935	0.613948	0.825175
Mus_musc Mus_musc	0.091771	0.06491	0.060504	2.352834	1.820175	1.707164
ENSMUSG Mfhas1	10.88949	11.43348	11.53223	8.243634	8.911523	9.006213
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.29868
ENSMUSG Tex13b	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.171227	0.132371	0.293626
ENSMUSG Aspa	0.994605	2.831856	1.999913	2.105441	2.157618	1.837759
Mus_musc Mus_musc	0.392564	0	0.219207	0.463437	0.71966	0.851977
Mus_musc Mus_musc	0	0	0	0.152422	0.170984	0.184484
Mus_musc Mus_musc	0.159611	0	0	0.187286	0	0
Mus_musc Mus_musc	0	0.182136	0	0.094893	0	0
Mus_musc Mus_musc	0	0	0	0.055807	0	0
ENSMUSG Tsen2	2.865983	2.064564	2.718733	2.145151	2.537063	2.347759
ENSMUSG Krt1	0.132273	0.075426	0	0.118062	0.132092	0.137671
ENSMUSG Brox	24.58461	24.0002	23.12128	21.76874	22.06048	21.425625
ENSMUSG Ier5l	4.064717	3.125237	2.820472	2.675036	2.330627	2.73403
ENSMUSG Tmsb15b1	0.571687	0.275811	0.401112	0.565358	0.434622	0.582954
ENSMUSG Pld6	0.257254	0.535362	0.278531	0.472676	0.553972	0.660395
Mus_musc Mus_musc	1.645424	1.924043	2.092093	2.299312	3.34048	2.722847
Mus_musc Mus_musc	2.00457	1.183131	1.831672	0.907612	0.66611	0.58192
ENSMUSG Vmn1r231	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.358342	0.25976	0.549252
Mus_musc Mus_musc	0.506324	0.722781	0.797239	0.434466	1.035942	0.524014
ENSMUSG Map10	0.912924	0.952605	1.151265	1.080748	1.291667	0.821086
ENSMUSG Cbx5	18.50778	19.78817	16.15738	14.14209	14.52227	13.578554
ENSMUSG Mrgprb3	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.27231	0.029315	0	0.238307	0
Mus_musc Mus_musc	0	0.200981	0	0	0.239294	0.153644
ENSMUSG Mdk	4.036101	3.316807	3.944179	5.642773	4.569888	5.76737
Mus_musc Mus_musc	0.237591	1.083615	0.686574	0.639354	1.16787	1.587823
Mus_musc Mus_musc	0.317147	1.952871	1.425034	0.353595	0.385179	1.624913
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.190352	0.102503	1.863688	0	0	0.060105
Mus_musc Mus_musc	0	0.280391	0	0.297631	0	0
Mus_musc Mus_musc	0	0	0.492867	0	0	0
ENSMUSG A630023A	0	0	0	0	0.056684	0.104534
ENSMUSG G6pdx	18.04302	16.71958	19.98769	19.1165	21.36752	22.382767
ENSMUSG Gm7951	0	0	0	0	0	0
ENSMUSG Ifna1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.165592	0.113358	0.336528
ENSMUSG Gm21680	0	0	0	0	0.0417	0
Mus_musc Mus_musc	0	0	0	0	0	0.296953
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.254302	0	0.088234	0	0	0
ENSMUSG Vmn1r149	0	0	0	0	0	0
ENSMUSG Gm8212	0	0	0	0	0	0
ENSMUSG Leprot	64.3599	56.48403	61.96891	57.11248	54.74129	55.494392
ENSMUSG Xrra1	0.260434	0.24828	0.279586	0.301263	0.383454	0.178896
ENSMUSG Lsm7	5.463931	13.27062	16.15625	17.16681	10.0925	15.199667
ENSMUSG Sliitrk6	0.815054	0.559226	0.732004	0.919249	0.706525	0.46759
ENSMUSG Adra1a	2.189881	2.472751	2.200758	2.544551	2.534143	2.426239
ENSMUSG Mettl25	3.160235	2.802892	2.57536	2.581634	2.116405	2.432386
ENSMUSG Mrpl18	20.41428	21.83204	20.53156	26.29715	23.8868	25.124199
ENSMUSG Ripor2	6.291301	4.185791	5.768019	6.092374	4.220658	5.553651
ENSMUSG Fam214b	8.523858	8.300653	12.4322	9.343616	9.26831	7.702558
ENSMUSG Gm28230	0.039534	0	0	0	0.01857	0
ENSMUSG Gm44	0	0	0	0	0	0
ENSMUSG Gm3269	0	0	0	0	0	0
ENSMUSG Vmn2r97	0	0	0	0	0	0
ENSMUSG Triml2	0	0	0	0	0	0
ENSMUSG Olfr364-ps	0	0	0	0	0	0

ENSMUSG Gm28434	0	0	0	0	0	0
ENSMUSG Scube1	6.375189	6.781459	6.05829	4.784481	4.906963	4.488005
ENSMUSG Olfr1321	0	0	0	0	0	0
Mus_musc Mus_musc	0.511745	0.750504	0.659427	0.832905	0.595718	0.58521
ENSMUSG Klhdc7a	2.705081	3.851525	2.541793	4.252953	4.002084	4.495706
ENSMUSG Fam43b	0	0	0	0	0	0
Mus_musc Mus_musc	1.344	1.171386	1.589924	0.895312	0.862248	1.18079
Mus_musc Mus_musc	0.12027	0.306572	0.352236	0.46531	0.222516	0.557013
Mus_musc Mus_musc	47.63315	49.17099	45.35762	39.77163	38.7195	38.613163
Mus_musc Mus_musc	0.860214	0.885464	0.957588	0.296952	0.217298	0.176705
Mus_musc Mus_musc	0.174546	0.168064	0.078929	0.077202	0.195707	0.232912
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.326145	0.235635	0.420916	0.088185	0	0.136633
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	2.108678	2.331167	1.84412	0.9665	1.157001	0.81734
ENSMUSG Amy2a2	0	0	0	0	0	0
ENSMUSG Gm29564	0	0	0	0	0	0
ENSMUSG Gm17374	0	0	0	0	0	0
ENSMUSG Olfr1306	0	0	0	0	0	0
ENSMUSG Cacnb4	0.270514	0.343945	0.269764	0.259617	0.186306	0.329363
ENSMUSG Plxdc1	3.53687	3.517394	5.020383	2.789354	3.351517	3.722439
ENSMUSG Arl5b	10.6254	10.18464	9.081499	7.136314	7.543799	7.050573
ENSMUSG Ptger2	1.409623	1.406836	1.397346	1.746467	2.263467	2.303178
ENSMUSG Ppp1r16b	34.79033	38.72061	40.91481	24.32914	25.82643	25.982707
ENSMUSG Mpv17	32.206	29.06112	22.9354	27.03647	22.92145	25.021292
ENSMUSG Gm9495	0	0	0	0	0	0
ENSMUSG Fam222b	8.704925	8.452107	8.933599	6.233174	8.653478	7.428174
ENSMUSG Xkr8	2.204198	2.331869	2.132257	1.87425	2.460645	1.76962
ENSMUSG Csn3	0	0	0	0.113939	0.873532	0.345009
ENSMUSG Adm2	0.063015	0	0	0.067166	0.043149	0.186619
ENSMUSG Umodl1	0	0	0	0	0	0
ENSMUSG Gm29049	0	0	0	0	0	0
ENSMUSG Cdx4	0	0	0	0	0	0
ENSMUSG Fam149b	11.05001	9.523579	9.555183	9.01098	9.721127	9.118642
ENSMUSG Olfr1223	0	0	0	0	0	0
ENSMUSG Olfr809	0	0	0	0	0	0
ENSMUSG Tbc1d20	33.57452	31.33217	32.34619	30.42857	33.79961	33.32854
ENSMUSG Dynlt1c	15.15792	15.68691	17.15514	17.99583	17.33287	16.66721
ENSMUSG Esx1	0	0	0	0	0	0
ENSMUSG Ube2i	125.7513	125.4169	127.3618	112.4734	117.0223	121.69579
ENSMUSG Unkl	8.612584	9.348021	8.796336	7.451432	6.70832	7.242747
ENSMUSG Tsr3	10.11737	10.54057	11.87343	7.322333	9.406574	9.579754
ENSMUSG Gm10112	0	0	0	0	0	0
ENSMUSG Cd244a	1.008751	0.677196	1.818762	0.85349	0.758395	0.641453
ENSMUSG Tfap2a	0.058076	0.116783	0	0.143026	0.117894	0.095711
ENSMUSG Exoc2	12.62052	13.11473	12.40217	12.90021	12.27997	12.330959
ENSMUSG Irf4	1.429895	1.108212	0.760027	12.67682	12.34848	11.327933
ENSMUSG Gabrq	0.673055	0.575905	0.241665	0.140842	0.090117	0.152055
ENSMUSG Cetn2	22.38534	23.07933	18.33931	21.19875	20.23323	20.463783
ENSMUSG Gabre	0.857189	0.675434	0.662876	0.330251	0.218993	0.376799
ENSMUSG Gabra3	1.856233	2.447921	1.567042	1.201386	0.985794	1.501153
ENSMUSG Gpm6b	15.47127	14.94211	15.83913	13.29141	15.89718	12.595817
ENSMUSG Nsdhl	9.660289	10.34046	9.644867	13.07397	13.07927	14.689108
Mus_musc Mus_musc	5.090383	2.229235	1.108179	187.8028	30.75199	91.564507
Mus_musc Mus_musc	0.230359	0.124048	0.355912	0.304468	0.191295	0.172189
Mus_musc Mus_musc	0.314408	0.521912	0.30482	0.529772	0.490406	0.411583
Mus_musc Mus_musc	0.097794	0.099407	0.222053	0.257116	0.157342	0.079683
Mus_musc Mus_musc	0	0	0	0	0.336841	0
ENSMUSG Gm31371	0.071953	0.083446	0.036328	0.036021	0	0
ENSMUSG Olfr837	0	0	0	0	0	0
ENSMUSG Iqcn	0.078023	0.070355	0.081041	0.108001	0.02912	0.02238
ENSMUSG Gm37797	0	0	0	0	0	0
ENSMUSG Vmn2r66	0	0	0	0	0	0
ENSMUSG Slc16a11	18.67145	18.50038	9.850702	10.85048	8.91331	8.509801

ENSMUSG 3110021N	0.037396	0.062834	0.065839	0	0	0.045299
ENSMUSG Rab28	29.663	28.75423	32.17549	25.84407	23.9962	24.445009
ENSMUSG Dgcr8	9.386969	8.790684	9.40478	8.066644	8.00193	8.340816
ENSMUSG Psme2b	23.01484	21.68852	42.76889	40.61864	37.85305	30.82015
ENSMUSG Ppp2r2c	1.394045	0.893846	0.925058	0.386215	0.332648	0.522462
ENSMUSG Crmp1	0.260631	0.307529	0.197131	0.844691	0.702827	0.798225
ENSMUSG Usp7	33.00461	32.59297	33.49749	26.13532	28.15645	26.890518
ENSMUSG Stk32b	0.089394	0.225127	0.037227	0.271592	0.259631	0.193348
ENSMUSG Stx18	8.526353	8.682114	8.093393	10.65742	7.165523	7.729049
ENSMUSG Nsg1	19.9728	19.63448	24.98193	13.65501	13.59934	12.444351
ENSMUSG Zbtb49	3.609537	3.352726	3.065465	4.047736	3.211379	3.890564
ENSMUSG Zfp384	14.54552	14.13229	14.07184	13.27112	13.59841	14.235132
ENSMUSG Tcte2	1.205856	0.71309	1.063051	0.776853	0.545692	0.913577
ENSMUSG Txlng	8.580603	7.990176	8.097121	8.069155	7.188285	6.235951
ENSMUSG Mlxip	13.54087	12.68224	13.13973	11.27042	11.69115	10.646241
ENSMUSG Slu7	19.73636	19.31812	20.16419	18.48776	17.14361	17.471303
ENSMUSG Fabp6	0	0	0	0	0	0
ENSMUSG Upp1	10.51647	12.38168	16.65837	14.1006	11.37485	13.596927
ENSMUSG Tnip1	14.02537	13.41928	15.00566	20.2956	19.03986	20.759884
ENSMUSG Fam71b	0.105848	0.086583	0.06742	0.176485	0.19498	0.364832
ENSMUSG Vdac1	54.1575	58.44385	55.96985	52.07518	52.80825	53.953166
ENSMUSG Plcl1	3.69679	3.850444	3.420135	2.321304	2.731709	2.372322
ENSMUSG Ppie	13.11401	14.37014	14.9918	12.16634	12.6521	13.322805
ENSMUSG Trit1	3.861595	3.208725	3.968534	4.635634	3.553501	4.050588
ENSMUSG Mfsd2a	2.008072	1.096815	1.282297	2.604762	2.747068	2.937732
ENSMUSG Mycl	5.32994	5.742542	3.258934	5.057487	4.402214	5.111159
ENSMUSG Ppt1	45.38832	43.48096	46.49318	47.42616	55.048	49.774319
ENSMUSG Cap1	137.8524	133.9854	143.8616	137.006	142.7887	147.18711
Mus_musc Mus_musc	0.451191	0.561156	0.214507	0.437005	0	0.059455
Mus_musc Mus_musc	13.04725	13.30825	19.1177	11.98773	14.57698	11.753837
Mus_musc Mus_musc	0	0.100201	0.047536	0	0.063578	0
Mus_musc Mus_musc	0	0	0	0.238436	0	0.356587
Mus_musc Mus_musc	0	0.115559	0	0.061647	0.245295	0
Mus_musc Mus_musc	0	0	0	0.106655	0	0.368372
Mus_musc Mus_musc	1.227819	0.838583	0.817742	1.060314	1.089142	1.221776
ENSMUSG Olfr777	0	0	0	0	0	0
ENSMUSG Mms19	5.346313	6.402932	6.911775	6.69196	6.200598	5.943241
ENSMUSG Rfng	9.775493	9.119729	9.8502	8.172361	9.315608	8.171202
ENSMUSG Gm21411	0	0	0	0	0	0
ENSMUSG Dus1l	15.57724	14.53612	16.17809	16.44699	14.86423	13.665494
ENSMUSG Arhgap19	1.273713	1.596624	2.048711	1.86611	2.386962	2.538512
ENSMUSG Zdhhc16	8.057549	9.554412	9.906618	8.275766	9.686235	9.528006
ENSMUSG Gps1	30.30539	27.41066	29.23417	23.93034	24.29098	26.367418
ENSMUSG Maged1	44.81612	48.33767	44.20657	45.6005	44.53883	47.374054
ENSMUSG Cbr2	3135.786	2960.67	2378.024	1520.555	1366.747	1469.6283
ENSMUSG Fasn	46.20443	54.51825	42.78526	68.25337	63.35988	78.638356
ENSMUSG Tln1	74.98323	63.56699	72.46468	56.85241	56.64124	57.728508
ENSMUSG Zbtb12	3.898253	4.394887	4.607564	4.862804	4.134753	5.127243
ENSMUSG Ubqln5	0	0	0	0	0	0
ENSMUSG Slco4a1	0.166792	0.300458	0.376007	1.402044	1.112525	1.177415
ENSMUSG Pdk2	18.95819	20.74253	18.7723	17.47355	18.35782	17.733913
ENSMUSG Ube2l3	34.74793	37.20878	36.14095	42.2246	41.48627	38.775134
ENSMUSG Kik1b16	0	0	0	0	0	0
ENSMUSG Atg4a-ps	0.150603	0.445491	0.26247	0.149662	0.551603	0.12671
ENSMUSG Hsd12	13.06351	15.19633	12.45294	12.26876	11.67323	11.198957
ENSMUSG Ptbp3	30.61069	30.19302	28.5049	29.61979	30.28119	27.832232
ENSMUSG Ugcg	12.12194	11.1904	15.26838	11.21032	13.6503	11.08439
ENSMUSG Slc46a2	0	0	0	0	0	0
ENSMUSG Snx30	4.583144	4.198651	4.483137	5.844697	6.128685	6.186721
ENSMUSG Zfp37	3.549793	4.182177	3.043885	2.923606	2.762844	2.363162
ENSMUSG Tex12	0	0	0	0	0	0
ENSMUSG Dixdc1	3.913648	4.532076	2.736132	3.286824	3.126675	3.083492
ENSMUSG Pts	21.75888	22.69932	21.48558	19.65424	19.58177	20.111909
ENSMUSG Bco2	0.149324	0.205454	0.132565	0.171223	0.201501	0.106007

ENSMUSG Cryab	197.6868	184.0107	204.6714	114.8068	106.9966	107.19537
ENSMUSG 2310030G	13.59376	14.28705	13.01669	9.840704	9.063563	9.265946
ENSMUSG Pkdrej	0.173447	0.154375	0.101864	0.109636	0.159792	0.16685
ENSMUSG Plet1	45.71292	45.55808	42.82888	33.63526	42.40061	32.879323
ENSMUSG Duox2	0.109958	0.107673	0.082086	0.127937	0.167939	0.14016
ENSMUSG Uty	5.184294	4.882476	4.546296	5.091933	5.209645	4.520592
ENSMUSG Psors1c2	0	0	0.06012	0	0	0
ENSMUSG Ctsq	0	0	0	0	0	0
ENSMUSG Defa17	0	0	0	0	0	0
ENSMUSG Zfp462	2.044093	1.689317	1.611263	1.454283	1.277741	1.704948
ENSMUSG Olfr678	0	0	0	0	0	0
ENSMUSG Gm5868	0	0.030929	0.033738	0	0	0
ENSMUSG Snrnp48	6.421224	7.824195	7.88077	8.052119	6.631864	6.572721
ENSMUSG Riok3	28.16991	27.92098	29.2753	24.42708	25.38409	24.943076
ENSMUSG Olfr665	0	0	0	0	0	0
ENSMUSG Olfr677	0	0	0	0	0	0
ENSMUSG Spink7	0	0	0	0	0	0
ENSMUSG Spinkl	0	0	0	0	0	0
ENSMUSG Vmn2r43	0	0	0	0	0	0
ENSMUSG Fcer1a	0.169567	0.090606	0.124925	0.395808	0.300429	0.238446
ENSMUSG Cadm3	0.210973	0.291292	0.502984	0.135056	0.195555	0.256457
ENSMUSG Frmpd4	0.019225	0	0.013347	0.009725	0.049173	0.037834
ENSMUSG Myoz3	0	0	0	0	0	0
Mus_musc Mus_musc	2.194243	1.853069	1.356193	0.295481	0.353275	0.738226
ENSMUSG Nup93	7.630517	8.805922	8.587893	8.54365	9.927184	9.22419
ENSMUSG Hspa13	10.37031	11.14401	11.14446	13.19012	13.48107	13.794104
ENSMUSG Fshr	0	0	0	0	0	0
ENSMUSG Camkv	0.043034	0	0	0.047633	0	0.050641
ENSMUSG Cdkl3	1.285043	1.423369	0.909547	1.344947	0.929202	1.208852
ENSMUSG Pdlim4	2.063751	1.895941	1.988216	5.91067	5.73155	5.992599
ENSMUSG Triobp	31.3986	31.32146	36.16585	27.46917	27.10775	26.640074
ENSMUSG Prrg4	0.31164	0.305895	0.285933	0.869329	1.027761	0.622045
ENSMUSG Eif3m	48.74876	42.37462	45.64513	50.04559	49.60418	52.849617
ENSMUSG Mrnip	0.980696	0.654748	0.792187	0.948935	1.176416	0.923555
ENSMUSG Rad50	6.673748	6.252933	6.645095	6.164981	5.978448	5.553181
ENSMUSG Jade2	20.87367	22.05345	20.2667	13.5958	14.49771	12.800261
ENSMUSG Sar1b	35.63095	35.52612	32.74011	32.25654	34.42215	33.229313
ENSMUSG Clk4	22.71068	21.65609	23.55864	18.43166	18.23902	17.035175
ENSMUSG Tbc1d4	4.922659	5.52093	4.441268	5.54689	5.816556	6.010242
Mus_musc Mus_musc	0	0.052067	0	0	0.506245	0.254245
Mus_musc Mus_musc	0.123405	0.068544	0.112561	0.481371	0.099307	0.124461
ENSMUSG Tyrobp	52.72965	46.57479	70.69532	91.29925	87.29482	109.97263
ENSMUSG Cd22	7.817139	6.532942	6.678556	15.5178	13.63222	16.240421
ENSMUSG Drc3	6.897479	8.342597	5.252221	10.45122	9.835293	9.067822
ENSMUSG Dnaja3	17.08453	17.2649	17.04139	15.73052	15.90404	15.626017
ENSMUSG Mfap1b	18.83473	19.54464	19.14429	16.87254	15.76109	14.593464
Mus_musc Mus_musc	0.50732	0	0	0	0	0.140818
ENSMUSG Olfr1212	0	0	0	0	0	0
Mus_musc Mus_musc	1.268326	1.294661	1.640445	0.640107	0.502771	0.492021
Mus_musc Mus_musc	0	0	0	0.111488	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.078455	0	0	0.056876	0.140214	0.058407
ENSMUSG Mvd	7.467103	7.341865	9.720065	13.91768	14.56984	17.530392
ENSMUSG Ugt3a1	0	0	0	0	0	0
ENSMUSG Spef2	1.51865	2.166171	0.654987	2.218506	2.5375	2.147656
ENSMUSG Mansc4	0	0.109473	0.130644	0.255533	0.507954	0.219242
ENSMUSG Cyba	86.08845	86.97437	106.8551	181.1019	182.6808	206.37846
ENSMUSG Tex48	0	0	0	0	0	0
ENSMUSG Gm2174	0.158096	0.057578	0.247521	0.058835	0.057587	0.241
ENSMUSG Sin3b	19.67759	19.55626	23.20454	20.28194	20.71614	24.542282
ENSMUSG Iqcm	0	0	0	0	0	0
ENSMUSG Isx	0	0.064719	0	0.056194	0	0.053314
ENSMUSG Sorbs2	0.797882	2.769736	1.106298	1.750894	1.848142	2.480139
ENSMUSG Irf2	28.23815	27.42725	34.85486	27.19641	29.05588	24.550971

ENSMUSG Casp3	5.725685	6.674778	7.143304	11.00106	11.09464	11.908638
ENSMUSG Cenpu	0.396957	0.774252	0.437136	0.741317	0.785965	0.866
ENSMUSG Sult1c2	0.247517	0.153139	0.107713	0.083614	0.06068	0.019955
ENSMUSG Gm853	0	0	0	0	0	0
Mus_musc Mus_musc	1.22892	1.709085	2.467433	1.050564	0.738235	0.332061
ENSMUSG Ypel4	0.66428	0.337529	0.312823	0.204334	0.383744	0.149898
ENSMUSG Myrfl	0	0	0.021197	0	0.021537	0.050121
ENSMUSG Phka1	4.916215	4.167477	4.211517	4.717416	4.60182	4.957125
ENSMUSG Gm1141	0	0.055634	0.113463	0	0	0.058349
ENSMUSG Vma21	9.810972	9.997474	8.038152	8.601311	8.274581	8.341641
ENSMUSG Tmem185	12.42045	14.20815	12.15158	12.46459	11.49976	14.204382
ENSMUSG Nuak2	5.89872	5.044931	7.163236	7.10635	5.495527	6.473408
ENSMUSG Epha5	0	0.013784	0	0	0.006573	0
ENSMUSG Paics	46.44649	47.59533	42.59155	41.00041	42.17304	42.120973
ENSMUSG Ppat	4.583406	5.258221	4.955604	4.940716	4.919941	5.27821
ENSMUSG Rest	5.845163	5.722399	5.324474	6.695609	6.211679	6.689894
ENSMUSG Thegl	0.10654	0.180342	0.169329	0.229639	0.293754	0.275904
Mus_musc Mus_musc	1.229108	1.403229	1.550683	0.978638	0.613348	0.780394
Mus_musc Mus_musc	0.681499	1.103876	0.416572	0.681634	0.703056	0.822549
Mus_musc Mus_musc	0.382915	0.330503	0.468155	1.371468	1.286028	1.126899
Mus_musc Mus_musc	1.394233	1.419118	0.530939	1.473083	0.899531	0.946176
Mus_musc Mus_musc	4.147286	3.858519	6.500279	24.65356	31.02925	29.82321
Mus_musc Mus_musc	0	0	0.045692	0	0.181133	0.260055
Mus_musc Mus_musc	0	0	0	0.223453	0.121887	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.211389	0.127473	0.092568	0.089869	0.104343	0
Mus_musc Mus_musc	7.069224	7.469932	9.581371	8.065866	6.591745	6.005143
ENSMUSG Pycr1	0.337791	0.249913	0.237819	3.154405	3.579151	3.349227
Mus_musc Mus_musc	0.295619	0.260253	0.115285	0.238082	0	0.082471
Mus_musc Mus_musc	0.105919	0.090038	0.179785	0.072161	0.205533	0
Mus_musc Mus_musc	0.233851	0.68641	0.452244	0.783273	0.470164	0.253838
Mus_musc Mus_musc	0.188138	0.243462	0.386961	1.307837	0.852565	1.157436
Mus_musc Mus_musc	0.257556	0.347722	0.248421	0.122905	0.130423	0.061578
Mus_musc Mus_musc	0.060558	0.318309	0.170024	0	0.059525	0.525571
Mus_musc Mus_musc	0	0.023716	0	0	0	0
Mus_musc Mus_musc	1.049732	1.085312	0.937764	1.119329	1.026149	1.156215
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Hist1h3b	0.040639	0.533413	0.061035	0.262146	0.03779	0.08734
ENSMUSG Hist1h4b	0.235474	0.453599	0.154681	0.394056	0.233013	0.411055
ENSMUSG Hist1h3a	0	0	0.031636	0	0	0.0645
ENSMUSG Hist1h2bf	0.302237	0.491375	0.254687	0.286504	0.101357	0.29326
ENSMUSG Lce1l	0	0	0	0	0	0
ENSMUSG Tmem251	2.305298	2.50937	2.441622	2.262572	2.041695	2.781666
ENSMUSG Mtrf1l	48.31824	46.47184	43.93148	38.41902	35.63802	37.009762
ENSMUSG Cyp4a29	0	0	0	0	0	0
ENSMUSG C87436	6.948351	7.939232	7.310611	6.414713	6.645856	6.328568
ENSMUSG Olfr981	0	0	0	0	0	0
ENSMUSG 6030468B	0	0.05014	0.042431	0.187015	0.229248	0.291002
ENSMUSG Zbtb7a	31.5356	23.45813	21.84046	22.04334	26.54298	26.23897
ENSMUSG Slitrk1	0	0	0	0	0	0
ENSMUSG Hirip3	4.942092	4.922951	4.60855	5.102855	5.858684	5.242766
ENSMUSG Alg10b	11.50618	11.71243	10.31074	9.804266	10.25449	10.399103
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.644387	0.384773	0.878943	0.411427	0.142633	0.196451
ENSMUSG Aqp12	0	0	0	0	0	0
Mus_musc Mus_musc	0.152733	0	0.267126	0	0	0.363053
Mus_musc Mus_musc	0.430391	0.132781	0.219723	0.198151	0.054781	0.171421
Mus_musc Mus_musc	0	0	0.242661	0.235204	0.149447	0.153412
ENSMUSG Kmt5b	24.5165	25.73157	20.53897	20.50382	19.88867	18.586808
Mus_musc Mus_musc	0	0.267588	0	0.284662	0	0
ENSMUSG Fam205a4	0	0.002074	0	0.002286	0.008221	0.001567
ENSMUSG Gm20878	0.183366	0.021788	0.01669	0	0	0
ENSMUSG Gm10985	0	0	0	0	0	0
ENSMUSG Fndc7	0.59031	0.710019	0.537428	1.126004	1.19304	1.282311

Mus_musc Mus_musc	0.093739	0.179295	0.320299	0.253596	0.322269	0.402896
ENSMUSG Tlr9	1.275673	0.956291	1.363244	2.520782	1.710237	3.044104
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Fcnb	0	0	0	0	0	0
ENSMUSG Cenpe	0.266834	0.27524	0.290075	0.742748	1.083642	1.322765
ENSMUSG Abhd5	18.74218	20.34313	20.19707	19.10648	18.99003	19.886411
ENSMUSG Ryk	43.62294	43.45125	43.09277	28.57404	31.61521	29.052469
ENSMUSG 5-Mar	24.88094	24.25049	26.2347	24.85213	23.1123	24.415583
ENSMUSG Slco2a1	149.4494	124.6504	124.2796	75.69937	85.19029	74.852791
ENSMUSG Rab6b	3.876632	3.8475	3.563567	2.010483	1.586009	1.615814
ENSMUSG Ctsg	0	0	0.085163	0	0	0
ENSMUSG Cchcr1	2.045361	2.917294	3.079458	2.743009	2.439044	3.034798
ENSMUSG Alx4	0.007595	0.006561	0.012665	0.014649	0.015796	0
ENSMUSG Etf1	34.55373	36.25904	33.17928	33.3477	32.54624	34.631253
ENSMUSG Sprr2b	0	0	0	0	0	0
ENSMUSG Cyp21a1	0	0	0	0	0	0
ENSMUSG Gfra3	0.056636	0.085134	0	0.051716	0	0.071751
ENSMUSG Nelfe	12.42717	13.41356	13.5418	13.19779	11.8837	12.529077
Mus_musc Mus_musc	1.363356	1.644436	2.221498	1.362555	0.915897	0.993097
Mus_musc Mus_musc	0	0	0	0	0.315536	0
Mus_musc Mus_musc	1.138584	0.713309	1.058491	0.974239	0.545492	0.68937
Mus_musc Mus_musc	0.173211	0.371869	0.374495	0.275876	0	0.167951
Mus_musc Mus_musc	0	0.240076	0	0	0.218587	0.277748
Mus_musc Mus_musc	9.272463	9.450873	8.356938	5.061514	5.559143	5.683605
Mus_musc Mus_musc	0	0	0	0.124754	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Armc4	1.196533	1.177293	0.788433	1.848351	2.077192	1.392528
ENSMUSG Tbp12	0	0	0	0	0	0
ENSMUSG Ttr	0	0	0	0	0	0
ENSMUSG Pbsn	0	0	0	0	0	0
ENSMUSG Gnai3	38.81942	41.17315	41.09861	42.43778	42.19121	44.282227
ENSMUSG Jkamp	11.40433	11.51858	12.98787	12.50543	11.8784	11.086418
ENSMUSG Neil1	3.74974	2.903331	2.843251	5.620052	5.573531	5.771875
Mus_musc Mus_musc	0	0	0	0	0	0.158919
Mus_musc Mus_musc	0.588662	0.310206	0	0	0.169406	0.202756
Mus_musc Mus_musc	0	0.295947	0	0.059004	0.072946	0.050499
Mus_musc Mus_musc	0.220026	0.481867	0.322322	0.207509	0.29436	0.202682
Mus_musc Mus_musc	0.703107	0.217309	0.337218	0	0.340822	0
Mus_musc Mus_musc	14.3481	18.63344	24.37268	21.4269	18.12236	21.65188
Mus_musc Mus_musc	0	0	0.235774	0	0	0
ENSMUSG Rnase2b	0	0	0	0	0	0
ENSMUSG Oc90	0	0	0	0	0	0.015051
ENSMUSG Efr3a	16.57858	18.27767	16.22199	17.19033	17.94995	17.13316
ENSMUSG Syn3	0.388415	0.475286	0.284584	0.356438	0.493255	0.620615
ENSMUSG Gm11541	0	0.018267	0	0	0	0
ENSMUSG Eya2	19.64109	19.64107	19.29506	16.41422	15.9785	18.737453
ENSMUSG Ireb2	15.07966	14.73379	13.38289	13.4751	13.71898	13.450764
ENSMUSG Olfr523	0	0.011115	0.012168	0	0	0
ENSMUSG Spink14	0	0	0	0	0	0
ENSMUSG Gja10	0.010747	0	0	0	0	0
ENSMUSG 1700014D	0.081325	0.017469	0	0	0	0.046104
ENSMUSG Pkp2	16.80123	15.75025	12.63805	13.89467	15.15506	14.885
ENSMUSG Tnfrsf18	1.83727	1.478171	3.139399	3.804034	4.143066	3.473453
ENSMUSG S100a10	104.8939	104.6109	120.1153	102.3996	105.4888	106.98259
ENSMUSG Rhox2b	0	0	0	0	0	0
Mus_musc Mus_musc	0.202585	0	0.301951	0.414901	0.222217	0.313135
Mus_musc Mus_musc	0	0	0	0	0.070706	0
Mus_musc Mus_musc	0	0	0	0	0.23728	0
Mus_musc Mus_musc	0	0	0	0.174016	0.109723	0
Mus_musc Mus_musc	0.053021	0	0	0.154149	0.344623	0.241697
ENSMUSG Oosp3	0	0	0	0	0	0
Mus_musc Mus_musc	0.162815	0.25778	0.345468	0.893553	0.469336	0.472459
ENSMUSG Grp1	8.311111	7.861969	11.25534	9.184959	6.66009	7.862168
Mus_musc Mus_musc	0	0.051355	0.236136	0	0.132549	0.137191

ENSMUSG Gm8127	0	0	0	0.023641	0.019668	0.029407
Mus_musc Mus_musc	0.156512	0.143977	0.078637	0.597219	0.551094	0.778892
Mus_musc Mus_musc	0	0	0.038912	0.672866	0.562544	0.838536
Mus_musc Mus_musc	1.095513	1.233706	1.450301	0.634181	1.050065	0.723268
ENSMUSG Agmo	11.51064	12.56021	9.137309	9.043354	9.09629	8.797588
ENSMUSG Mpp1	22.84975	19.66776	22.0501	22.01632	23.47659	25.675235
ENSMUSG Gm3371	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.368372
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.687255	0.146079	0	0.246233	0.33959	0.888695
Mus_musc Mus_musc	2.432423	2.32586	2.505241	1.686328	1.336657	1.105435
Mus_musc Mus_musc	0.936926	1.177686	1.195922	0.713581	0.68315	0.756909
Mus_musc Mus_musc	0	0	0	0	0	0.465883
Mus_musc Mus_musc	0.293777	0.169805	0.149157	0.111763	0.106425	0
Mus_musc Mus_musc	0.18467	0.121551	0	0.137463	0.190239	0.136648
Mus_musc Mus_musc	0	0.124538	0.044038	0.169232	0.305746	0.214025
ENSMUSG Cldn19	0.075598	0.055873	0.037298	0.035154	0.056393	0.012904
ENSMUSG Scgb1b27	0	0	0	0	0	0
ENSMUSG Scgb2b26	0	0	0	0	0	0
ENSMUSG Gm8068	0	0	0	0	0	0
ENSMUSG Scgb2b27	0	0	0	0	0	0
ENSMUSG D13Ertd60	0	0.022138	0	0.028797	0	0.123619
ENSMUSG Rhox3f	0	0	0	0	0	0
ENSMUSG Slc35f3	0.85286	0.631138	0.511784	0.398451	0.321153	0.503734
ENSMUSG Olfr297	0	0	0	0	0	0
ENSMUSG Fam47e	1.023388	1.457487	0.986317	1.354365	1.21704	0.806442
ENSMUSG Ero1lb	5.395964	8.135858	5.643334	14.49735	15.60013	13.611722
ENSMUSG Gm37596	0	0	0	0	0	0
ENSMUSG Rnf103	12.95969	12.90651	13.68817	10.12394	12.78424	11.700178
ENSMUSG Olfr887	0	0	0	0	0	0
ENSMUSG Gm45021	0	0	0	0	0	0
ENSMUSG Olfr656	0	0	0	0	0	0
ENSMUSG Dot1l	7.603877	7.387279	8.719738	8.642888	7.93729	8.89608
ENSMUSG Lyg2	0	0	0	0	0	0
ENSMUSG Mrgprb8	0	0	0	0	0	0
ENSMUSG Spata31d1	0.010593	0	0	0	0	0
ENSMUSG Minar2	0.60994	0.185291	0.302147	0.626514	0.229894	0.270938
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.56365	0	0
Mus_musc Mus_musc	0	0.168589	0	0.169601	0.5102	0
Mus_musc Mus_musc	0.723547	0.489002	0.221308	2.595969	0.442747	0.311065
Mus_musc Mus_musc	0.690178	0.587942	0.982662	0.697748	0.504036	0.150444
ENSMUSG Lgals7	0.777064	0.616214	0.308679	0.504508	0.402235	0.49613
ENSMUSG Triqk	1.106813	1.256955	1.070543	1.224198	0.959005	0.882754
ENSMUSG Skint4	0	0	0	0	0	0
ENSMUSG Vmn1r178	0	0	0	0	0	0
ENSMUSG Armc9	1.961924	2.081949	1.647143	2.381646	1.916157	1.963206
ENSMUSG Tubb4a	4.116352	3.418144	4.645782	2.816906	2.873621	2.004348
ENSMUSG Gm49339	3.569015	3.75608	7.330254	11.22888	10.15654	10.821915
ENSMUSG Btbd17	0.032635	0	0.074678	0.348843	0.264979	0.318276
ENSMUSG Nudt1	2.698007	2.380856	2.897049	4.509564	3.89791	6.329086
ENSMUSG Mag	1.066078	1.067323	1.305832	1.796642	1.826885	2.416731
ENSMUSG Clcn7	13.15865	12.11963	13.23697	12.56423	13.13814	13.45171
ENSMUSG Golga2	24.13773	24.97271	23.64354	22.37329	24.33738	22.62454
ENSMUSG Gm16442	0	0	0	0	0	0
ENSMUSG Alg5	14.28428	11.85931	13.58079	13.84901	12.8276	14.985055
ENSMUSG Skor2	0	0	0	0	0	0
ENSMUSG Mindy4b-t	0	0	0	0	0	0
ENSMUSG Vmn2r87	0.053143	0.029862	0.043843	0.019579	0.016804	0
ENSMUSG Pdp1	5.577265	5.790941	5.800066	6.649392	5.892102	5.770947
ENSMUSG Cttnal1	6.117077	6.993865	6.011999	4.865732	4.036407	4.158367
ENSMUSG Cyp24a1	0	0	0	0	0	0
ENSMUSG Ift172	9.592311	10.05755	8.453218	8.857038	9.08741	8.791744

ENSMUSG Ef11	5.249055	5.398548	5.723974	5.025522	4.517949	5.223324
ENSMUSG Sp6	1.978458	1.810057	2.741184	1.490817	1.278396	1.190152
ENSMUSG Rad9b	0.758885	0.699845	0.406433	0.976757	0.544544	0.801992
ENSMUSG Scn1b	10.91211	11.21612	11.97881	12.18126	11.49454	13.474532
ENSMUSG Pnpla5	0.306114	0.061809	0.098546	0.016878	0	0
ENSMUSG Sult4a1	0	0.102053	0.018928	0.146984	0.06808	0.167568
ENSMUSG Trpv4	1.086904	0.628453	0.972848	1.458057	1.746365	2.247935
ENSMUSG Fdxr	3.51362	2.534617	3.216898	3.063328	2.868673	3.613662
ENSMUSG Otop3	0	0	0	0	0	0
ENSMUSG Gm10184	3.111977	3.128217	4.246645	6.999949	3.709477	4.159711
ENSMUSG Gm28919	0	0	0	0	0	0
ENSMUSG Olfr844	0	0	0	0	0	0
ENSMUSG Nck2	13.83177	13.28415	14.54176	11.55852	11.00944	12.688586
ENSMUSG Tmem40	1.120324	1.001024	2.715736	0.901625	1.056087	0.582782
ENSMUSG Dkk3	17.7622	19.96844	20.26673	13.67819	13.18446	14.604342
ENSMUSG Parva	51.3317	52.69945	46.18943	36.87083	37.33757	36.985825
ENSMUSG Ilf2	17.8245	18.74541	19.735	15.89157	16.03085	15.092524
ENSMUSG Chtop	51.91989	55.20807	54.85251	49.83461	44.16837	47.185202
ENSMUSG Trat1	0.504118	0.260325	0.393496	0.323226	0.238678	0.201006
ENSMUSG Pak1	5.367256	6.030282	6.32209	5.65809	5.705106	6.073151
ENSMUSG Snapin	24.19229	23.53797	21.14388	19.04819	19.21823	18.74122
ENSMUSG Nat8l	0.989636	0.807542	1.00187	0.473594	0.434348	0.567341
ENSMUSG Nwd1	0.145409	0.225303	0.097596	0.780209	0.78256	0.600085
ENSMUSG Sprr2e	0	0	0	0	0	0
ENSMUSG Olfr420	0	0	0	0	0	0
ENSMUSG Gemin5	3.880528	3.203898	3.086133	3.394346	3.682503	3.830261
ENSMUSG 4932438A	9.765559	8.586278	7.787763	7.986024	8.080051	8.305829
ENSMUSG Gm20532	0	0	0	0	0	0
ENSMUSG Ovol2	2.764175	2.349131	2.183683	2.462798	2.533266	2.27598
ENSMUSG Tmem97	14.57374	12.37314	12.98106	12.64104	13.18442	14.57074
ENSMUSG Calr3	1.121267	1.287755	0.865975	1.096722	1.024929	1.324479
ENSMUSG Slc35e1	14.03638	15.21569	14.50716	15.2611	15.53834	17.09008
ENSMUSG Syne4	1.430992	2.160091	1.339593	1.536608	2.477704	2.192292
ENSMUSG Tmc4	24.11657	23.38654	20.45043	28.88025	26.09628	28.586021
ENSMUSG Polr2i	17.21928	14.69851	18.36042	19.07153	13.80967	15.924153
ENSMUSG Pcdhgb2	1.451302	1.373837	1.065493	0.996346	0.80742	1.61646
ENSMUSG Ccnk	9.431306	9.096861	9.288804	8.291224	7.590426	9.019024
ENSMUSG Cyp46a1	0.582848	0.324664	0.357034	0.085858	0.220716	0.189565
ENSMUSG Erg28	17.51458	18.80476	16.9067	19.69724	20.99534	20.125814
ENSMUSG Tgfb3	9.447899	8.705748	8.296498	11.78063	11.01559	11.342373
ENSMUSG Pcdhga11	0.374648	0.527296	0.226719	0.401722	0.297309	0.369806
ENSMUSG Wdr45	41.614	41.41578	41.40883	39.38715	38.2705	34.167975
ENSMUSG Cdh6	0.253878	0.270811	0.162007	0.219528	0.239863	0.247717
ENSMUSG Dusp10	2.023964	2.212282	3.070318	3.052949	1.888856	2.237018
ENSMUSG Gpatch2l	8.359303	8.573352	8.372949	8.414434	7.43379	7.885358
ENSMUSG Esrrb	0	0.032297	0	0.03448	0.015326	0.012853
ENSMUSG Mettl23	10.25545	9.347235	10.9398	10.28346	8.982145	10.391499
ENSMUSG Eif4ebp3	0.432166	0.755723	0.611368	0.028891	0.155829	0.184219
ENSMUSG Bst1	21.3813	23.53659	20.95766	15.86759	14.65159	15.534751
ENSMUSG 5730480H	4.213139	3.885359	3.290915	3.97163	3.517569	4.00012
ENSMUSG Gm5286	0	0	0	0	0	0
ENSMUSG Zscan4f	0	0	0	0	0	0
ENSMUSG Zscan18	0.590204	0.519455	0.376824	0.343631	0.341758	0.308236
ENSMUSG Olfr1340	0	0	0	0	0	0
ENSMUSG Olfr1339	0	0	0	0	0	0
ENSMUSG Hoxa13	0	0	0	0	0	0
ENSMUSG Bcl6	10.06208	12.64045	10.68696	9.995735	10.52551	8.915241
ENSMUSG Nubp1	9.298693	8.632354	9.474553	12.07008	11.07684	11.436955
ENSMUSG Prm1	0	0	0	0	0	0
ENSMUSG Litaf	20.49365	18.7904	25.43251	36.27309	38.38639	45.435041
ENSMUSG 1810013L2	25.3893	26.18399	23.99701	20.99132	22.22715	20.629453
ENSMUSG Emp2	513.0759	459.4615	478.6587	282.6187	263.5213	269.80618
ENSMUSG Ciita	5.466393	5.253377	27.47117	21.35424	9.977088	11.917181
Mus_musc Mus_musc	0.070438	0.101583	0	0.213292	0.197519	0.224603

Mus_musc Mus_musc	0.506474	0.763954	0.482402	1.088348	0.955854	0.646955
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.245974	0
ENSMUSG Myocd	0.206415	0.445276	0.281285	0.601707	0.893273	0.660146
ENSMUSG Ube2d3	81.558	79.38936	81.86165	76.48851	74.82422	74.707986
ENSMUSG Clybl	2.246754	2.509939	1.939404	2.866814	2.418356	3.766916
ENSMUSG Armc5	8.00949	6.322826	7.696771	7.14054	6.881796	7.061945
ENSMUSG Pnliprp1	0.673615	0.877342	0.299108	0.469704	0.616004	0.71621
ENSMUSG 4930480E1	0	0	0	0	0	0
ENSMUSG Selenoo	8.329171	6.87337	7.462802	5.854127	5.928784	6.463856
ENSMUSG Alpk1	4.672101	4.849352	4.880392	5.312734	4.162523	4.677447
ENSMUSG Aimp1	27.6826	25.72642	28.08518	29.05823	25.04883	26.273203
ENSMUSG Enpep	42.27401	48.65308	44.44658	51.19063	52.90687	56.466682
ENSMUSG Pitx2	0	0.11135	0	0.064825	0.024662	0
ENSMUSG Glrb	0.016513	0.057261	0	0	0	0.017999
ENSMUSG Fam20a	1.878406	2.227447	1.598584	1.192605	1.349012	1.354397
ENSMUSG 1700012B0	0	0	0	0	0	0
ENSMUSG AC161166	0.035765	0.029619	0	0	0	0.134671
ENSMUSG Gna13	31.27346	33.38323	34.03951	30.09312	30.04199	31.774952
ENSMUSG Amz2	13.4122	13.53828	12.07839	12.02319	11.51109	12.076565
ENSMUSG Prkar1a	122.6691	124.3683	119.0107	97.78879	98.03151	97.964549
ENSMUSG Slc13a3	0.09615	0.126154	0.132646	0.320231	0.404853	0.207131
ENSMUSG Dapk2	32.09644	34.23824	28.55993	21.93306	20.07849	19.740065
ENSMUSG Ciao2a	18.74016	19.14306	20.59829	26.74635	28.58184	30.161268
ENSMUSG Snx1	41.66429	42.38001	45.3308	42.99164	44.30379	46.520897
ENSMUSG Ppib	141.8229	151.2174	145.4578	181.8892	188.613	194.52535
ENSMUSG Csnk1g1	4.439819	6.686237	4.554979	4.479201	4.263157	4.656398
ENSMUSG Trip4	6.206938	5.936395	6.031329	5.928678	5.846948	5.94635
ENSMUSG Rbpms2	1.054191	2.097001	2.196454	1.914912	2.022113	1.859815
ENSMUSG Spg21	20.27776	20.17419	20.91959	24.11026	23.93655	27.190125
ENSMUSG Cyp2d11	0	0	0	0	0	0
ENSMUSG Cyp2d9	0	0	0	0	0	0.029263
ENSMUSG Camsap3	3.883676	3.910603	3.800542	4.157808	4.391089	5.43726
ENSMUSG 4931406B0	0	0	0	0	0	0
ENSMUSG Grxcr1	0	0.031986	0	0	0	0
ENSMUSG Kik12	0.035245	0	0	0.071791	0	0
ENSMUSG Btnl1	0	0	0	0.042724	0.022116	0
ENSMUSG Ascl1	0.446546	0.555165	0.13203	0.171772	0.151551	0.175203
ENSMUSG Ccdc125	3.352578	2.6327	3.266801	4.18087	3.858943	3.497194
ENSMUSG Zfp689	2.073852	1.854735	1.965697	1.616462	1.422028	1.505485
ENSMUSG Fkrp	15.82437	14.02091	16.29497	12.98661	14.52667	14.982959
ENSMUSG Cdca2	0.284519	0.408652	0.317157	0.997706	1.327485	1.485695
ENSMUSG Gm4763	0	0	0	0	0	0
ENSMUSG Olfr43	0	0	0	0	0	0
ENSMUSG Fcer1g	21.49322	22.369	37.71005	48.69217	45.54982	46.333257
ENSMUSG Egfem1	0.346251	0.581082	0.60012	0.472333	0.571595	0.36993
ENSMUSG Gm3417	0.84971	0.408738	0.733559	0.939682	0.914183	0.656589
ENSMUSG Zfp692	2.857958	2.736274	4.321587	3.467666	3.056952	3.234056
ENSMUSG Cecr2	3.052646	3.666282	2.944671	2.536832	3.106918	2.638946
ENSMUSG Commd4	15.72364	17.79773	21.18483	19.30195	17.40313	20.534176
ENSMUSG Olfr402	0	0	0	0	0	0
ENSMUSG Atp1a1	163.6483	154.7039	153.6011	136.8143	139.6759	146.15591
ENSMUSG Dis3	3.432319	3.345114	2.826057	2.651398	2.696527	2.520029
ENSMUSG Cdx1	0	0	0	0	0	0
ENSMUSG Cd74	833.7026	789.6932	1748.144	1986.001	1564.865	1859.2669
ENSMUSG Tcof1	6.445139	6.310969	6.833101	7.152137	7.147087	7.812304
ENSMUSG Chd9	6.080669	6.211061	5.974627	6.217149	6.543822	6.17171
ENSMUSG Tmx3	21.16461	21.64195	21.22107	20.37893	18.66705	18.58473
ENSMUSG Camk2a	0.84308	0.668115	0.924789	1.248684	0.955583	1.294573
ENSMUSG Spata17	1.297277	1.350576	0.818121	1.616213	1.754263	1.92675
ENSMUSG Esrrg	0.338268	0.41534	0.166105	0.326948	0.2845	0.228476
ENSMUSG Bpnt1	16.06342	18.39933	17.33204	13.18488	14.27318	12.931113
ENSMUSG Cr2	0.989394	0.741836	0.757428	1.492502	1.093491	1.18935
ENSMUSG Eprs	17.51339	17.29924	16.73897	17.54183	17.96564	18.410986

ENSMUSG Slc30a10	0	0	0	0.008945	0	0
ENSMUSG Iars2	13.3088	11.01457	11.40211	10.97978	11.02138	10.737379
ENSMUSG Eno1b	16.30881	14.94797	15.26593	21.41454	28.00693	25.805157
ENSMUSG Kik1b9	0	0	0	0.046404	0	0
ENSMUSG Olfr15	0	0	0.005171	0	0	0
ENSMUSG Cdadc1	17.45292	18.163	17.66713	15.55682	15.72945	15.822909
ENSMUSG Atp8a2	0.221801	0.12533	0.078031	0.252674	0.229292	0.225852
ENSMUSG Cab39l	15.99088	20.19925	16.52206	17.16347	16.65713	16.397106
ENSMUSG Gm4846	0	0	0	0	0	0
ENSMUSG Borcs5	2.184959	2.93345	2.906679	3.579465	3.247431	3.350018
ENSMUSG Ifnk	0	0	0	0	0	0
ENSMUSG Nhlrc3	8.084958	6.928299	7.242141	8.967329	8.121839	9.043503
ENSMUSG Mmd	30.06751	30.41758	28.09132	21.52464	25.15983	23.410824
ENSMUSG Hlf	8.952164	8.581032	7.40128	3.92453	3.795937	2.997603
ENSMUSG Sft2d2	37.2807	38.52978	35.35783	37.42296	38.46223	35.759686
ENSMUSG Szrd1	38.92175	41.21377	40.355	38.47329	37.2599	36.853335
ENSMUSG Tiprl	9.112941	8.738741	8.58256	7.74669	7.709579	7.723636
ENSMUSG Wwox	4.007572	3.486119	2.449013	3.581611	3.255542	3.083913
ENSMUSG Gm5128	0	0	0	0	0.00292	0.009027
ENSMUSG Sgce	41.90832	38.79431	42.74809	24.85974	25.51233	23.911291
ENSMUSG Pcp2	0	0.064333	0	0	0	0
ENSMUSG Vmn1r122	0	0	0	0	0	0
ENSMUSG BC061237	0	0	0	0	0	0
ENSMUSG Olfr129	0	0	0	0	0	0
Mus_musc Mus_musc	0.211743	0.183774	0.099765	0.198337	0.519284	0.36801
Mus_musc Mus_musc	0.280542	0.12243	0.187447	0.392831	0.683195	0.289153
Mus_musc Mus_musc	0.082145	0	0.293094	0.144664	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.139912	0.148517	0.275219	0.249099	0.419234
Mus_musc Mus_musc	0	0	0	0.143879	0	0.140969
Mus_musc Mus_musc	0.381905	0.41756	0.376104	0.125547	0	0.789115
Mus_musc Mus_musc	0.300073	0	0	0.527602	0.148957	0.146957
Mus_musc Mus_musc	0.069493	0	0	0.115725	0.072654	0
ENSMUSG Upf2	9.729485	10.56414	9.735875	10.5379	11.09676	9.745387
ENSMUSG Pknox1	7.018158	7.213689	6.218367	6.306982	7.148366	6.30918
ENSMUSG Vmn1r128	0	0	0	0	0	0
ENSMUSG Gm21828	0	0	0	0	0	0
ENSMUSG Spin2f	0	0	0	0	0	0
ENSMUSG Pld3	44.37487	36.3824	42.03684	73.42689	75.42941	85.602584
ENSMUSG Ddx23	30.92917	30.56291	33.04617	26.69285	26.43012	26.359111
Mus_musc Mus_musc	0.142382	0.118333	0	0.412576	0.335255	0.239246
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0.074637	0.045071	0.246161	0	0.059039
Mus_musc Mus_musc	0	0.186493	0.076131	0	0	0.085062
ENSMUSG Olfr770	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.218385	0
ENSMUSG Gimap6	62.03561	55.64886	55.75109	50.60753	45.71423	44.132728
Mus_musc Mus_musc	0.604969	0.878608	0.558725	1.438826	1.846252	2.210822
ENSMUSG Foxi1	0	0	0	0	0	0
Mus_musc Mus_musc	0.342825	0.445408	0.280879	0.42706	0.340648	0.617787
Mus_musc Mus_musc	0	0.273861	0.056899	0	0	0.056719
Mus_musc Mus_musc	0	0	0.043793	0	0	0.174599
Mus_musc Mus_musc	0	0	0	0.120833	0.53727	0
Mus_musc Mus_musc	0	0	0	0	0.107371	0
Mus_musc Mus_musc	0	0	0.176664	0	0	0
Mus_musc Mus_musc	0.312214	0.611348	0.772516	1.560319	0.397961	0.769666
Mus_musc Mus_musc	0.180006	0.354535	0.133236	2.703424	1.305489	1.871874
ENSMUSG Slc25a37	9.290604	10.22516	10.40832	7.846767	7.994637	7.891791
ENSMUSG Golgb1	14.64542	14.94135	12.62643	13.71892	14.42188	14.822472
ENSMUSG Plekhh1	14.11097	13.5416	14.15132	13.66441	14.43084	15.012639
ENSMUSG Hdac11	7.268479	7.656583	6.254363	5.275149	4.507819	4.743669
ENSMUSG Ttc39d	0	0	0.015314	0	0.054198	0.125911
ENSMUSG Hoxd9	0.051585	0.083584	0.055363	0.097762	0	0.154523

Mus_musc Mus_musc	0.26827	0	0.272855	0.514483	0	0.080971
ENSMUSG Iqub	1.319671	1.391742	0.794662	1.837775	1.504277	1.305674
ENSMUSG Pcdhb20	1.275116	0.9644	1.313705	1.080524	1.147117	0.876838
Mus_musc Mus_musc	0.464432	0.314489	0.825657	0.759296	0.224255	0.265125
Mus_musc Mus_musc	0.988938	0.770061	0.960806	0.597761	0.584143	0.805146
Mus_musc Mus_musc	0.474426	0.514803	0.352832	0.539399	0.482743	0.420928
Mus_musc Mus_musc	3.229269	1.157007	2.301499	2.286163	2.181353	2.739677
Mus_musc Mus_musc	0.068375	0	0.162401	0.110738	0.145165	0.064127
Mus_musc Mus_musc	0	0.399686	0.228479	0.487816	0	0
ENSMUSG Rpgrip1l	1.848069	2.112544	1.593266	2.228261	1.942309	2.34557
Mus_musc Mus_musc	0	0.096164	0	0	0	0.078301
ENSMUSG Hdac5	35.03714	36.4504	34.94958	28.17338	29.39137	30.804091
Mus_musc Mus_musc	0.354642	0.349637	0.18861	8.789428	3.171887	23.660595
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Zfp936	0	0	0	0	0	0
Mus_musc Mus_musc	0.294566	0	0	0.450374	4.640845	0
Mus_musc Mus_musc	1.381522	0.979446	0.688228	104.4905	85.28921	76.061996
Mus_musc Mus_musc	0	0	0	0.383003	2.841476	0.324601
ENSMUSG Rala	25.9698	29.34712	27.41243	23.27427	22.84364	20.832575
ENSMUSG Cdk14	17.68545	19.93209	15.06612	12.96149	14.57863	13.564982
Mus_musc Mus_musc	2.17146	1.649156	0.74617	211.5994	137.2617	126.62434
Mus_musc Mus_musc	0.067637	0.111014	0	4.140949	2.956355	2.224989
ENSMUSG Cyth1	19.65249	19.33014	20.0138	19.48236	19.16278	18.231194
ENSMUSG Rab9	22.13974	17.93124	20.53988	21.02242	20.40853	19.89671
ENSMUSG Gprc5a	272.6619	218.3376	232.6875	129.8334	135.7037	135.95992
ENSMUSG Kctd11	9.692346	9.814137	9.558103	8.137384	7.640202	8.586557
ENSMUSG Lpcat3	21.54308	24.34848	24.99117	24.37658	27.84083	28.708995
Mus_musc Mus_musc	1.369266	0.931451	1.12138	0.610851	0.608858	0.771835
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0.258705	0	0.083242	0.387433	0
Mus_musc Mus_musc	0	0	0	0	0	0.088541
ENSMUSG Hnrnp2	39.80113	43.6645	43.33759	36.84799	37.91822	36.403418
ENSMUSG Pih1h3b	0.217688	0.685239	0.44669	1.215807	1.500962	1.103531
ENSMUSG Zfp874b	2.809719	3.406523	2.938077	2.376199	2.912816	2.778858
ENSMUSG Olfr1390	0	0	0	0	0	0
ENSMUSG Mfap4	295.3995	277.4749	324.3402	345.7192	356.8473	319.74471
ENSMUSG Zfp532	6.953982	6.13814	6.149834	4.937101	5.054692	4.733259
ENSMUSG Sc11	2.33687	2.757157	1.845491	2.141007	2.265712	2.184465
ENSMUSG Kprp	0	0	0	0	0	0
ENSMUSG Hnf4g	0	0	0	0.034848	0	0.018634
Mus_musc Mus_musc	0.425197	0	0	0.093858	0	0
ENSMUSG Rhot1	21.67536	19.70968	19.0717	16.00513	17.12396	16.641091
ENSMUSG Btn1a1	0	0	0	0	0	0
ENSMUSG Tcl1b5	0	0	0	0	0	0
ENSMUSG Kat2b	18.07167	18.73507	19.1085	17.27522	15.42924	14.533137
ENSMUSG Scml4	0.918344	0.60277	0.773147	0.807754	0.743368	0.664693
ENSMUSG Sntn	4.547404	5.926471	3.468504	8.196651	8.13813	5.579506
ENSMUSG Gm8906	0	0	0	0	0.095866	0.047764
ENSMUSG Tmem81	2.862753	2.763075	3.882339	2.204507	2.375339	2.029359
ENSMUSG Rpl27	242.7218	238.009	267.2435	290.2034	260.0497	294.21047
ENSMUSG Ebp	19.29723	20.39901	18.65814	21.21614	20.90954	20.168024
ENSMUSG Arhgap8	11.93688	11.31819	10.01875	9.478016	7.729511	10.076589
ENSMUSG Gm11020	0	0	0	0.256396	0	0
ENSMUSG Synpo2l	0.220383	0.690657	0.268759	0.394238	0.169442	0.154634
ENSMUSG Ttc5	15.30413	13.40548	15.67868	15.99197	12.95618	15.241446
ENSMUSG Osgep	9.294034	8.490959	9.160348	9.718673	8.915189	9.100393
ENSMUSG Atp6ap1l	0	0	0	0	0	0
ENSMUSG Palld	16.66481	14.80016	18.76898	13.86652	15.19168	14.450475
ENSMUSG Mettl7a3	0.798223	1.038933	0.861997	0.459929	0.643882	0.700459
ENSMUSG Defb35	0	0	0	0	0	0
ENSMUSG Ccdc54	0	0	0	0	0	0
ENSMUSG Usp13	1.096833	1.169941	0.891963	0.497438	0.662881	0.665841
ENSMUSG Cyp2ab1	0.19305	0.221709	0.452763	0.396324	0.287992	0.470254
Mus_musc Mus_musc	0.270728	0	0.173917	0	0	0

Mus_musc Mus_musc	0.270597	0.214654	0.344479	0.120159	0	0
Mus_musc Mus_musc	0	0.231011	0.368949	0.082411	0.300315	0.282948
Mus_musc Mus_musc	0.371455	0.171035	0.095534	0.073805	0	0
ENSMUSG Tcf20	10.06203	9.629498	8.394428	9.328689	9.417476	9.301264
ENSMUSG 1110002E2	0.010655	0.076909	0.042997	0.040427	0.032122	0.063097
ENSMUSG Nwd2	0.130348	0.157112	0.042006	0.190207	0.178729	0.199165
ENSMUSG Oosp1	0	0	0	1.350017	2.222746	0.92599
ENSMUSG Fam171a1	21.28044	21.30671	20.21204	14.7747	17.20959	15.729649
ENSMUSG Htr5b	0.020309	0	0	0	0.027304	0.028556
ENSMUSG Stra6	0.266772	0.170319	0.016361	0.115087	0.107089	0.141507
ENSMUSG Plpp6	9.554359	9.040406	10.14675	8.777118	8.326417	8.041188
ENSMUSG Khl42	2.89569	2.785274	2.760018	2.775262	2.720742	2.897723
ENSMUSG Ano10	18.33432	17.88494	17.26512	15.86137	14.71677	15.826123
ENSMUSG Pcdhb11	1.446851	1.508383	1.04615	0.868978	1.101565	0.951817
ENSMUSG Krtap31-2	0	0	0	0	0	0
ENSMUSG Cbr1	23.45482	26.66176	22.80715	27.89731	27.05032	29.565469
ENSMUSG 1700029P:	0	0	0	0.003409	0	0
ENSMUSG Ankrd44	36.14159	35.54893	31.2805	23.97023	25.29222	25.84442
ENSMUSG Olfr1457	0	0	0	0	0	0
ENSMUSG Scamp4	17.59841	15.98711	16.99371	13.29461	16.04414	15.253701
Mus_musc Mus_musc	0.049014	0	0	0	0.024005	0.041237
Mus_musc Mus_musc	0.760077	1.272552	1.093457	1.30882	0.994465	0.840545
Mus_musc Mus_musc	2.215303	2.24258	2.60647	2.422231	2.265324	2.089757
Mus_musc Mus_musc	0.244558	0.346618	0.103454	0.350294	0.505496	0.583331
Mus_musc Mus_musc	0.047872	0	0	0	0.223443	0.216092
Mus_musc Mus_musc	0.478692	0.708035	0.471149	0.561203	0.568343	0.213583
Mus_musc Mus_musc	0	0.576529	0.260261	0	0	0.152922
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.033801	0.362813	0.326102	0.578318	0.63755	1.097039
ENSMUSG Akp3	0	0	0	0	0	0
ENSMUSG Gm16223	0	0	0	0	0	0
ENSMUSG Hmg20a	13.47281	13.81935	13.42268	11.99691	11.39353	11.457817
ENSMUSG Rps28	104.1484	107.2563	116.0521	135.0522	105.6712	116.98215
ENSMUSG Prr9	0	0	0	0	0	0.012923
ENSMUSG Lman1l	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.231145	0.080623	0.375155	0.442268	0
Mus_musc Mus_musc	1.513435	1.53961	1.012801	1.142972	1.383384	1.282364
Mus_musc Mus_musc	0	0.143636	0.209932	0.422698	0.368789	0.189584
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.164223	0.075432	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gphn	7.926598	7.989339	7.586268	7.673473	7.063077	8.157186
ENSMUSG 4933416Cf	0	0	0	0	0	0
ENSMUSG Dynlrb1	87.05028	85.52945	92.0097	77.73083	72.96201	76.854487
ENSMUSG Atp10d	12.81994	13.49596	11.46949	14.31966	13.8406	14.074492
ENSMUSG Mtmr1	6.799184	6.464746	6.006354	6.948219	6.355308	7.494346
ENSMUSG Hmgb3	9.062117	8.971545	6.863742	10.55534	10.93674	11.28499
ENSMUSG B230104I2	0	0.08242	0	0	0	0.059578
ENSMUSG Gm8764	0	0	0	0	0	0
ENSMUSG Prr23a1	0	0	0	0	0	0
ENSMUSG Zfp457	0.292169	0.50762	0.284234	0.518718	0.481409	0.432446
ENSMUSG Exoc3l4	3.509383	3.417499	4.421079	4.292933	4.272663	3.691767
ENSMUSG Clk2	15.50851	15.99984	18.40487	13.47368	12.48531	14.275043
ENSMUSG A1cf	0	0	0	0	0	0
ENSMUSG Adam17	17.15385	17.33903	18.24618	20.88975	22.5342	23.054386
ENSMUSG Scgb1b2	0	0	0	0	0	0
ENSMUSG Tecpr1	16.93412	17.05451	17.22674	15.96781	14.67723	15.027646
ENSMUSG Cyp2b10	257.1828	263.6269	225.3362	115.8637	141.0194	117.98803
ENSMUSG Col23a1	13.62031	16.0877	12.3446	7.925721	8.824793	7.952416
ENSMUSG Zfp641	4.526949	4.390196	4.861386	2.716256	3.450739	2.682298
ENSMUSG Krt75	0	0	0	0	0	0
ENSMUSG Baiap2l2	0.411759	0.377801	0.193955	0.187812	0.260257	0.224396
ENSMUSG Scaf4	10.32307	10.00185	10.80958	8.984163	9.149205	9.423551

ENSMUSG Sod1	390.9149	427.4938	401.9901	300.7664	285.4449	279.16101
ENSMUSG Jazf1	1.979152	2.552513	1.245435	1.665745	2.031582	1.996703
ENSMUSG Shisa6	0.192725	0.194546	0.132013	0.117458	0.045335	0.027836
ENSMUSG Atp13a3	47.74511	49.65985	43.0342	45.08288	43.31239	47.33131
ENSMUSG Atxn7l3	19.84651	20.33117	22.97397	19.15466	19.24227	17.552666
ENSMUSG Vmn1r62	0	0	0	0	0	0
ENSMUSG Tmem44	8.718248	8.029638	9.711228	6.13047	5.353573	6.319418
ENSMUSG Pax4	0	0	0	0	0	0
ENSMUSG Pcdhga4	2.610774	2.891799	1.592902	1.990742	1.981346	2.032081
ENSMUSG Trim69	0.092304	0.173357	0.138954	0.236278	0.170429	0.411942
ENSMUSG Olfr908	0	0	0	0	0	0
ENSMUSG Atf7	18.6128	17.4351	17.04364	14.08886	13.81034	13.640925
ENSMUSG Prrg3	31.78886	34.62493	29.17561	33.19191	35.85255	35.66082
ENSMUSG Vmn1r40	0	0	0	0	0	0
ENSMUSG lpo13	23.73382	22.91187	22.86382	17.59127	18.96587	19.929815
ENSMUSG Usp37	3.562288	4.019831	3.017989	3.363021	3.088323	3.376276
ENSMUSG Syne1	8.537371	8.336826	7.076304	8.093554	7.821432	8.533756
ENSMUSG Ppif	5.413764	5.288404	5.64102	7.272111	8.144675	9.403983
ENSMUSG Timeless	5.274009	5.363684	8.125806	5.847561	4.835526	4.190253
ENSMUSG Ifi203	17.52528	13.73525	22.0633	16.32515	12.3695	15.505631
ENSMUSG Edrf1	5.219512	5.68601	5.713992	4.672048	6.019514	5.778659
ENSMUSG Tmem254l	4.408521	4.24349	2.728959	4.124349	4.001142	4.876296
ENSMUSG Anxa11	44.84423	31.46978	31.99491	23.4164	23.90242	24.503846
ENSMUSG Ifi206	0.224626	0.083358	0.170322	0.099829	0.097911	0.137157
ENSMUSG Fdxacb1	2.346828	2.117594	1.938219	1.748484	1.881895	2.236556
ENSMUSG Rtkn2	81.61563	82.58863	66.76136	46.39306	52.45859	42.723688
ENSMUSG Nmrk1	1.330556	1.674125	1.916804	1.416798	1.36657	1.477186
ENSMUSG Vstm2l	0	0	0	0	0	0
ENSMUSG Clba1	5.446676	5.470736	4.576791	4.664432	5.105702	5.521031
ENSMUSG Tas2r140	0	0	0	0	0	0
ENSMUSG BC030499	0	0	0	0	0.031537	0.054737
ENSMUSG Tas2r115	0	0	0	0	0	0
ENSMUSG 1-Mar	4.650677	3.537669	4.766503	7.602188	7.623236	7.734663
ENSMUSG Megf11	0.13484	0.206884	0.233345	0.173505	0.159809	0.14189
ENSMUSG Elf1	24.54527	23.80808	24.11162	23.79758	22.16728	23.215284
ENSMUSG 4930544G	0	0	0	0	0	0
ENSMUSG Ly6l	0	0	0	0	0	0
ENSMUSG Tubb3	0.08509	0.136054	0.101465	0.151587	0.166208	0.306225
ENSMUSG Ftl1-ps1	24.57744	20.81848	17.79862	25.63478	26.32323	33.106949
ENSMUSG Gm7876	0	0	0	0	0	0
ENSMUSG H2-Q2	15.37127	8.093585	30.58932	25.81306	10.8678	26.675203
ENSMUSG Polr2l	10.26891	9.728264	10.01438	8.933462	9.517689	8.94587
ENSMUSG Socs7	7.675207	8.770222	7.821942	6.831616	7.080484	7.404972
ENSMUSG 1700019A	0	0	0	0	0	0
ENSMUSG Plekhh1	4.645495	5.420909	3.852488	3.603414	3.814489	3.615421
ENSMUSG Sv2a	0.245436	0.47571	0.300747	0.348514	0.301404	0.285374
ENSMUSG Cdk19	15.43052	21.79284	15.42918	12.67923	13.9712	14.663899
ENSMUSG Tfdp1	12.79181	14.02252	16.29375	15.42902	19.59429	15.895825
ENSMUSG Vmn2r24	0	0	0	0	0	0
ENSMUSG Chchd10	72.91028	39.27173	38.19669	41.22956	84.89967	68.053846
ENSMUSG Zfp260	16.9049	16.74749	15.04907	15.05761	14.84456	13.949971
ENSMUSG Tmem200c	1.953302	1.977047	2.245542	1.673554	1.643509	2.257927
ENSMUSG Wdr26	26.41474	26.83648	27.89827	32.2894	29.34714	30.579035
ENSMUSG Mboat1	4.018144	3.937888	3.297599	3.170059	3.587642	3.560945
ENSMUSG Shank1	0.145262	0.087932	0.088577	0.253281	0.121892	0.194646
ENSMUSG Sumf1	19.69876	16.64311	18.00135	17.38435	19.24773	19.97787
ENSMUSG Itpr1	16.82878	17.78425	14.08105	17.17811	16.63888	18.140911
ENSMUSG Larp1	17.41294	18.33447	18.19283	19.13817	17.1187	18.73823
ENSMUSG Edem1	14.97082	13.94701	15.54931	41.98609	42.4812	43.385769
ENSMUSG Arl8b	22.95598	24.15939	21.85672	24.15109	26.23558	26.276367
ENSMUSG H2-M1	0	0	0	0	0	0
ENSMUSG Hand1	0	0	0	0	0	0
ENSMUSG Slc6a13	0.023062	0	0.127496	0	0.069362	0.036936
ENSMUSG Slc6a12	0	0	0	0.339689	0.376563	0.374302

ENSMUSG Fam53a	10.16966	10.65724	10.24209	8.504826	8.135933	8.612777
ENSMUSG Tshb	3.421967	3.425155	3.269822	1.949247	1.637067	1.299657
ENSMUSG Ube2o	7.660917	7.212662	7.938912	6.058219	5.576328	6.118225
ENSMUSG Txndc17	38.81603	36.48518	41.90392	40.92049	37.69463	39.569721
ENSMUSG Aanat	0.041693	0.008355	0.032214	0.07623	0.039894	0.067001
ENSMUSG Slc13a5	0	0	0	0.026032	0	0.070377
ENSMUSG Rhbdf2	15.33246	12.91321	15.59434	14.61201	15.06168	15.998166
ENSMUSG 4933427D	2.770369	3.320515	2.820425	2.889859	2.75058	2.394179
ENSMUSG Pimreg	0.252822	0.245424	0.527226	0.683616	1.589667	1.948858
ENSMUSG mt-Nd4l	1403.99	1742.522	1164.803	1438.269	1370.384	1266.3959
ENSMUSG Tspan2	51.00246	50.91373	44.4419	30.17396	31.41467	32.122816
ENSMUSG Ngf	0.233495	0.190059	0.084397	0.040169	0	0
ENSMUSG Ntpcr	5.012915	5.384456	4.951038	7.140534	5.781043	8.947769
ENSMUSG Map3k21	0.596925	0.558311	0.483692	0.555611	0.512199	0.628876
ENSMUSG Mau2	22.81819	21.28838	21.86398	20.22158	20.64312	20.446103
ENSMUSG C1qtnf12	3.296055	3.52627	3.299587	3.451343	2.830199	3.291964
ENSMUSG Ccndbp1	30.88703	29.26469	31.02052	27.12175	29.61557	24.60138
ENSMUSG Iqcf3	0	0	0	0	0	0
ENSMUSG Gm10577	0	0	0	0	0	0
ENSMUSG Gm7579	0.057797	0.063241	0	0	0	0.067937
ENSMUSG Krtap5-5	0.095853	0	0	0	0	0
Mus_musc Mus_musc	0.240894	0.113124	0.666125	0.206218	0	0.199917
Mus_musc Mus_musc	0.127259	0.16113	0.210004	0	0	0
ENSMUSG Serpina7	0.104072	0.033378	0.181262	0.072893	0.045111	0.08071
ENSMUSG Pabpc4	9.748238	10.3634	10.87512	12.05916	14.8762	13.364333
ENSMUSG Col4a6	0.379796	0.277051	0.30039	0.2499	0.177481	0.192387
ENSMUSG Cdr1	0	0.014895	0	0	0	0
ENSMUSG Gm8265	0	0	0	0	0	0
ENSMUSG Acsl4	32.91937	37.27156	29.34248	42.62237	42.96924	45.540713
ENSMUSG Lhx6	1.142014	0.822545	0.942725	0.989642	0.905334	0.634602
ENSMUSG Gca	5.481108	5.353052	5.071965	4.395184	4.48204	4.565227
ENSMUSG Ndufa8	40.33023	48.38501	45.16386	41.67798	42.03418	47.606693
ENSMUSG Morn5	1.009681	1.300607	0.551802	2.29889	1.71736	2.391583
ENSMUSG Ifih1	9.315081	7.826075	9.464579	7.553367	7.077445	7.119242
ENSMUSG Ptp4a1	0.121263	0.159254	0.104385	1.262265	2.396976	1.381491
Mus_musc Mus_musc	0.492795	0.077019	0.06674	0	0	0
ENSMUSG Qrfp	0.084476	0.065108	0.241832	0.09435	0.058001	0.073058
ENSMUSG Tcta	26.72814	27.84504	27.94319	22.58764	21.78012	22.455912
ENSMUSG Col10a1	0	0.020467	0.052084	0	0	0
ENSMUSG Slc9a8	6.338232	5.93085	5.690603	5.80408	5.899889	6.248133
ENSMUSG Ptpro	0.8241	1.100052	2.473815	2.909071	1.757312	2.606019
ENSMUSG Rbm12	3.330027	4.906752	3.241411	4.565413	2.941548	2.857786
ENSMUSG Dera	6.230406	6.153629	5.757959	10.01255	8.90762	9.633015
ENSMUSG Gm10267	0	0	0	0	0	0
ENSMUSG Pabpc5	0.010275	0.019019	0.062327	0.049974	0.137757	0
ENSMUSG Dgkh	8.866003	8.419711	7.549015	4.316467	4.814462	4.167694
ENSMUSG Mthfd1	32.3483	28.83741	29.29992	28.36309	24.62808	28.671057
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Bdnf	8.362122	6.624133	7.216578	3.65158	3.883492	2.80971
ENSMUSG Zdhhc22	0.010645	0.045196	0.020788	0	0.032356	0
ENSMUSG Cxcr1	1.387554	0.71626	0.867776	0.321703	0.362411	0.334892
ENSMUSG Nostrin	33.93227	35.12993	31.36499	22.82578	20.57342	18.445673
ENSMUSG Fitm2	8.871605	10.90835	9.144909	7.654035	7.917553	8.042397
ENSMUSG Adck1	6.148395	5.235452	5.683829	5.185714	5.478055	6.335283
ENSMUSG Gtf3c1	17.82264	17.24987	16.75984	16.37731	16.2554	16.877691
ENSMUSG Mctp2	0.94215	1.117706	1.18133	1.31163	0.921444	0.932391
ENSMUSG Ms4a6d	6.1817	7.307242	17.81603	26.0061	25.99723	25.999749
ENSMUSG Chrm1	0.431062	0.373778	0.26304	0.507899	0.144719	0.173087
ENSMUSG Uncx	0	0	0	0	0	0
ENSMUSG Ints1	7.448779	6.797014	7.883171	7.178613	7.293044	7.322468
ENSMUSG Cabp1	0.576928	0.756082	0.881681	0.950041	0.903896	0.877942
ENSMUSG Acads	11.32291	12.64387	9.94135	13.2202	16.32704	14.296548
ENSMUSG Cyp2w1	0	0	0	0	0	0
ENSMUSG Ms4a6b	6.794131	5.057962	11.81748	9.854208	7.858303	8.452287

ENSMUSG Olfr201	0	0	0	0	0	0
ENSMUSG Pigz	0.337837	0.460091	0.611183	0.55796	0.413254	0.636916
ENSMUSG Esf1	7.681115	8.024627	6.873726	6.145548	6.498828	5.394336
ENSMUSG Olfr1467	0	0	0	0	0	0
ENSMUSG Odf3l1	0	0.036158	0	0	0.05191	0
ENSMUSG Sh3tc2	9.151671	9.144837	8.638462	5.263434	5.408604	5.703927
ENSMUSG Ms4a7	1.478739	0.793515	1.835629	16.01058	14.50961	16.277588
ENSMUSG Saxo1	0.029715	0	0	0.027592	0	0
ENSMUSG Hacd4	4.984406	4.19096	4.600574	6.77112	5.790814	6.765507
ENSMUSG Milt3	5.21848	5.24144	5.312612	4.827874	5.174391	5.008291
ENSMUSG Rps6	476.9984	468.6798	483.3495	496.4725	487.7479	529.26825
ENSMUSG Plin2	75.46684	73.15391	78.0033	99.99793	121.4177	127.24781
ENSMUSG Olfr729	0	0	0	0	0	0
ENSMUSG Gramd2	52.44175	50.39914	43.44251	24.61275	27.3947	24.170929
ENSMUSG Ppp1r3d	1.645318	2.063786	2.159973	1.760828	2.156991	1.688628
ENSMUSG Abca3	90.65899	88.9796	78.30851	102.9339	98.31517	111.06582
ENSMUSG Gtf3c4	6.783225	7.007332	5.651055	6.296477	6.703918	6.580844
ENSMUSG Eci1	34.11512	37.91807	33.90754	30.41751	28.03664	30.71319
ENSMUSG Cyp2a4	0.03105	0	0.087481	0	0	0.130986
ENSMUSG Srbd1	3.768763	3.892528	3.405268	3.761395	4.16115	4.220918
ENSMUSG Dnase1l2	0.512413	1.073128	1.35598	0.617255	1.143355	0.507687
ENSMUSG E4f1	8.999159	8.449076	9.715601	7.760073	7.499064	7.354084
ENSMUSG Acp1	5.469201	5.579333	5.437922	6.665988	6.021184	5.737786
ENSMUSG Csnka2ip	0	0	0	0	0	0
ENSMUSG Cirbp	29.28516	21.57939	21.11856	18.29099	12.93022	14.328497
Mus_musc Mus_musc	0	0.308619	0.395558	0	0	0
ENSMUSG Bcl2l10	0.038531	0	0	0.016831	0	0
ENSMUSG Ldlr	21.97993	19.06787	23.03437	23.65597	19.77065	26.618462
ENSMUSG Gnb5	4.862167	3.980843	4.087709	3.037001	3.045702	3.491166
ENSMUSG Kank2	48.853	47.03016	45.70357	32.02903	32.50324	31.760844
ENSMUSG Polr2m	64.11535	65.10471	61.9364	52.70254	52.60152	54.188307
ENSMUSG Dock6	29.78546	24.57516	28.713	17.70179	17.16996	16.416565
ENSMUSG Twist2	0.95892	0.983258	0.743261	0.579442	0.332815	0.246073
ENSMUSG Rpl9-ps1	0	0	0	0	0	0.018866
ENSMUSG Gm20821	0	0	0	0	0	0
ENSMUSG AC117239	7.748721	6.757847	8.652484	8.502801	8.906857	9.072334
ENSMUSG Dnah8	0.484389	0.462967	0.435106	1.073374	1.076589	1.387175
ENSMUSG Tpsb2	0.393345	0.849571	0.078767	0.363194	0.729773	0.776397
ENSMUSG Kif20b	0.53151	0.702298	0.657321	1.509989	1.578669	1.58018
ENSMUSG Vps51	1.244836	1.742539	1.927699	2.728511	1.877809	2.495735
ENSMUSG Sac3d1	6.692155	4.750716	5.469892	5.303112	7.358586	7.284606
ENSMUSG Cdca5	0.485129	0.178764	0.826569	1.475909	1.283879	1.302499
ENSMUSG Zfp1l1	16.56138	15.73884	16.34115	13.97967	15.06904	15.967833
ENSMUSG Tnfrsf25	1.574809	1.958686	2.497833	1.942058	1.660246	2.400202
ENSMUSG Spag11a	0	0	0	0	0	0
ENSMUSG Htr7	0.034567	0.024504	0.180692	0.456959	0.315336	0.50168
ENSMUSG Tm7sf2	16.08589	14.91889	15.2984	16.29383	16.37249	19.084586
ENSMUSG Xlr4a	0.505921	0.404802	0.793756	0.635163	0.57775	0.810253
ENSMUSG Olfr1177-ꜛ	0	0	0	0	0	0
ENSMUSG Pet100	3.309565	3.828832	3.416725	4.889548	4.405234	5.579302
ENSMUSG Olfr1195	0	0	0	0	0	0
ENSMUSG Olfr1196	0	0	0	0	0	0
ENSMUSG Cst12	0	0	0	0	0	0
ENSMUSG Cd80	0.484965	0.288874	0.737008	1.915436	1.794026	1.957749
ENSMUSG Cst9	0	0.089396	0	0	0	0
ENSMUSG 8030411Fꜛ	0	0	0	0	0	0
ENSMUSG Olfr1179	0	0	0	0	0	0
ENSMUSG 9230104LC	15.81498	12.07523	17.84155	11.14243	12.93981	10.292835
ENSMUSG Ccdc84	4.660663	4.250113	4.739814	4.125814	3.801847	3.876548
ENSMUSG Ncmap	0.787209	0.625749	1.089905	1.028935	1.39881	0.790542
ENSMUSG Olfr544	0	0	0	0	0	0
ENSMUSG Kih15	1.019225	1.737732	1.521637	1.42624	1.324054	1.531667
ENSMUSG Mup5	0	0.092419	0	0.389232	0.51184	0
ENSMUSG Dkk1	0.045788	0	0	0.016276	0	0

ENSMUSG Gm49405	0.793453	1.104707	1.151294	1.193457	0.681803	0.684983
ENSMUSG Acy3	3.6996	3.380757	3.413746	2.464381	3.095123	3.587715
ENSMUSG Pip5k1b	9.621137	10.08594	9.427038	10.2368	9.785785	10.058123
ENSMUSG Klc2	11.83711	12.96323	12.86441	10.82169	10.45639	12.385579
ENSMUSG Mbl2	0	0	0	0	0	0
ENSMUSG Fgfr2	54.28781	54.51997	44.96073	49.72733	47.4937	57.760126
ENSMUSG Coq4	2.287013	3.172299	2.270407	2.805463	3.559682	3.275737
ENSMUSG Med27	11.88902	10.42529	10.45651	10.65235	8.989573	10.946113
ENSMUSG Fam129b	108.5432	110.3529	107.4597	97.09888	93.86942	109.28108
ENSMUSG Stxbp1	22.05644	20.68174	24.4449	12.06813	13.33663	12.780379
ENSMUSG Bag3	22.8823	26.74189	26.1044	17.18699	16.71647	21.240728
ENSMUSG Tial1	13.5339	14.08602	16.53356	15.06251	13.75249	12.124023
ENSMUSG Lrsam1	4.133488	4.649054	5.287844	5.192633	4.254349	4.44238
ENSMUSG Odf2	13.84865	14.87506	13.4179	13.26776	12.38992	13.266122
ENSMUSG Lamtor1	40.15664	40.08432	38.38575	43.89304	43.51675	48.649461
ENSMUSG Dgkz	54.4374	48.22938	51.11478	41.39637	43.40533	43.682434
ENSMUSG Prdm13	0	0	0	0	0	0
ENSMUSG Cfap69	3.016895	3.540675	3.089791	3.734541	3.505821	3.065344
ENSMUSG Rabgga	9.432849	8.249885	9.937012	9.109543	8.639602	7.704561
ENSMUSG Ggt6	0.751815	0.40521	0.464296	0.32774	0.663795	0.500788
ENSMUSG H2afb2	0	0	0	0	0	0
ENSMUSG Wfdc18	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.120154	0.205362	0
Mus_musc Mus_musc	0.295892	0.115353	0.153783	0.257622	0.145322	0.230315
Mus_musc Mus_musc	0	0	0	0.303517	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	0.616775	0.392424	0	0	0	0.289776
Mus_musc Mus_musc	0.761309	0.680588	0.78692	0.428465	1.16495	0.385753
ENSMUSG Il24	0	0	0	0	0	0
ENSMUSG Csrp1	218.1678	222.6345	231.2356	194.3976	198.7691	208.28284
ENSMUSG Gpr37l1	0	0.055426	0.03812	0.040724	0.098735	0.07184
ENSMUSG Srgap2	15.86084	13.78748	14.65401	13.83218	12.87867	11.759488
ENSMUSG Arl8a	34.14813	31.88161	35.26235	28.7805	27.98278	30.083365
ENSMUSG Eif2d	16.01535	16.58087	18.09922	16.1779	15.89906	16.705008
ENSMUSG Ube2t	0.814803	0.455046	0.87874	1.496446	1.658484	1.448404
ENSMUSG Gm21972	0	0	0.053881	0	0	0
ENSMUSG Gm3468	0.137441	0.195432	0.107722	0.070497	0	0.022046
ENSMUSG Vmn1r204	0	0	0	0	0	0
ENSMUSG Gm1113	0	0	0	0	0	0.021491
ENSMUSG Gm10310	0	0	0	0	0	0
ENSMUSG 1700113H	0	0.148289	0.142269	0.112305	0	0
ENSMUSG Cltc	69.581	67.23102	61.35652	60.65174	68.24904	67.578802
ENSMUSG Ticam1	3.638207	4.005027	4.916991	6.486813	5.855663	6.289726
ENSMUSG Fzd10	0.10524	0.145668	0.133642	0.284637	0.204155	0.235362
ENSMUSG Itpkc	2.883664	2.522525	3.020703	2.18402	2.713704	3.019348
ENSMUSG Olfr945	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.185676	0	0	0	0
Mus_musc Mus_musc	0	0.230808	0.037975	0	0	0.044088
Mus_musc Mus_musc	0.420176	0	0	0	0	0.15151
Mus_musc Mus_musc	0.122272	0.152655	0.358182	0.41113	0.250983	0.442013
Mus_musc Mus_musc	0.195728	0.610347	0.395546	0.511204	0.414544	0.430568
Mus_musc Mus_musc	0	0	0.228165	0.147671	0.19413	0.096863
Mus_musc Mus_musc	0.25901	0	0	0.097096	0.073255	0.189981
Mus_musc Mus_musc	0	0	0	0	0	0.498924
Mus_musc Mus_musc	0	0.400117	0.054443	0.139598	0.273712	0
Mus_musc Mus_musc	0.307866	0.536371	0.42622	0.807291	0.747236	0.597354
Mus_musc Mus_musc	0.736555	0.975804	1.209797	1.101519	0.958783	0.994859
Mus_musc Mus_musc	1.089031	0.657444	1.432388	0.446507	0.851385	0.327329
Mus_musc Mus_musc	1.699287	2.1018	1.018807	0.84922	1.093626	0.798754
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Crkl	15.95843	16.50423	15.61768	12.83178	13.20162	13.877625
ENSMUSG Wt1	2.146864	3.246923	1.698009	1.930069	1.266159	2.040841
ENSMUSG Gfy	0	0	0	0	0	0

ENSMUSG Vmn1r107	0	0	0	0	0	0
Mus_musc Mus_musc	0.700268	0.637719	0.700956	1.345108	1.391115	1.282333
Mus_musc Mus_musc	0	0.268102	0	0	0	0
Mus_musc Mus_musc	0.154807	0.473486	0	0.252079	0.62653	0.484895
Mus_musc Mus_musc	0.106207	0.449438	0.559814	0.41081	0.080285	0.067742
ENSMUSG Ifna9	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.238227	0.176512
ENSMUSG Ube2z	23.93046	23.85785	23.66038	22.71921	22.1467	20.755684
Mus_musc Mus_musc	0.682838	0.424697	0.495871	0.512568	0.430888	0.605158
Mus_musc Mus_musc	0.166625	0	0.15958	0.261292	0	0
ENSMUSG Gimap8	25.91606	23.34525	25.95478	20.47748	19.34834	19.249048
Mus_musc Mus_musc	0.118619	0.238459	0.308152	0.239649	0.227378	0.258355
ENSMUSG Zfp428	1.800423	1.685851	1.687118	1.618357	2.003976	1.970911
ENSMUSG Hvcn1	12.48065	11.38255	11.442	34.80952	32.84796	37.490899
ENSMUSG Btd35f21	0	0	0	0	0	0
Mus_musc Mus_musc	0.136774	0.250924	0.464777	0.162157	0.070367	0.289865
Mus_musc Mus_musc	0.556007	0	0	0.452604	0	0
Mus_musc Mus_musc	0.342676	0.295003	0.375046	0.132882	0.321119	0.22612
ENSMUSG Gzmb	3.934	1.940299	14.83874	2.974755	1.886817	3.109555
ENSMUSG Igtp	18.99545	16.743	202.7301	98.00735	15.45917	20.503318
ENSMUSG Hist3h2a	12.89873	16.17596	15.72389	12.463	12.80386	11.523037
ENSMUSG Ppp1r17	0	0	0	0	0	0
ENSMUSG Ifna7	0	0	0	0	0	0
ENSMUSG Rarb	1.74531	2.768927	1.801376	1.785762	1.70145	1.994644
ENSMUSG Gm5157	0	0	0	0	0	0
ENSMUSG Igfbp4	77.26423	58.31475	59.64761	47.02745	56.60276	54.068571
Mus_musc Mus_musc	0.188031	0.327693	0.081928	0	0	0
ENSMUSG C7	50.3933	52.8839	51.18763	59.01743	72.34049	63.309105
Mus_musc Mus_musc	0.092977	0	0.16987	0	0.232076	0
ENSMUSG Tgm7	0	0.041331	0	0	0	0
Mus_musc Mus_musc	0.644345	0.748634	0.934399	0.336495	0.269208	0.083825
Mus_musc Mus_musc	0.05628	0.063852	0.195966	0.492526	0.313643	0.24465
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Pms2	1.956838	2.081975	2.048965	2.168884	1.812369	1.950756
ENSMUSG Srp54c	15.68986	16.67016	16.92144	15.12587	15.35282	12.732216
ENSMUSG Tnfrsf13b	2.992041	2.317646	3.325132	12.82178	14.18703	12.190979
Mus_musc Mus_musc	0.024028	0.546617	0.157192	7.366957	3.467027	2.894422
Mus_musc Mus_musc	5.074288	5.116823	1.720585	958.5353	465.0675	22.384029
Mus_musc Mus_musc	1.483745	1.155378	0.346376	37.02008	20.70697	15.416228
Mus_musc Mus_musc	2.207222	2.958375	0.885132	166.2847	6.527984	351.31903
Mus_musc Mus_musc	0.198302	0.657328	0.225131	38.56261	1.077248	77.653343
Mus_musc Mus_musc	0.286135	1.496353	0.192931	22.65161	160.4047	53.673191
Mus_musc Mus_musc	2.685854	2.779048	0.87127	106.2591	851.3358	114.79813
Mus_musc Mus_musc	2.130241	2.901476	0.998029	55.7289	320.3965	103.99566
Mus_musc Mus_musc	1.031181	0.768574	0.635562	282.0544	484.8448	35.590168
Mus_musc Mus_musc	0.017739	0.191288	0	1.106209	1.351504	0.829314
ENSMUSG Gm773	0	0	0	0	0	0
ENSMUSG Olfr839-ps	0	0	0	0	0	0
ENSMUSG Tpcn2	3.243191	4.519312	4.396179	7.165163	6.951084	7.811561
ENSMUSG Cacna2d4	1.577918	1.473716	1.206803	1.013765	0.914674	0.843391
ENSMUSG Gpr12	0	0	0	0	0	0
ENSMUSG Vmn2r58	0	0	0	0	0	0
ENSMUSG Yae1d1	5.123784	6.527857	4.839179	5.760731	4.773207	5.324269
Mus_musc Mus_musc	0.210434	0.182441	0	0	0.25992	0
ENSMUSG Ndufa4l2	21.6111	22.67207	28.05446	15.89031	14.84364	14.67829
ENSMUSG Oog1	0	0	0	0	0	0
ENSMUSG Ppp1r13l	4.079631	3.446788	3.422614	2.80948	2.489367	2.203001
ENSMUSG Wdr33	13.9985	13.63214	13.50798	12.73167	12.31827	12.277646
ENSMUSG Eif4h	140.5417	136.0882	152.9798	128.4332	126.434	136.1087
ENSMUSG Erg	55.34203	48.82137	50.96213	32.76621	34.24104	29.312928
ENSMUSG Ints8	14.28616	14.63213	12.57463	11.8429	12.13865	11.933521
ENSMUSG Gm44973	0.637808	0.858622	0.481472	0.340026	0	0.646842
ENSMUSG Pcdha3	0	0.021007	0	0	0.016613	0
ENSMUSG Tnf	0.811884	0.242725	0.322618	0.798195	0.386142	0.481536

ENSMUSG Rasal3	4.653114	2.850792	5.761677	10.06142	8.76766	9.91204
ENSMUSG Ppp4r2	18.27236	21.44722	17.1337	16.93686	15.80469	15.521755
ENSMUSG Rps10	158.9884	153.63	234.8503	293.7923	270.2419	293.43872
ENSMUSG Lta	0.360185	0.258893	0.153913	0.623426	0.608173	0.523979
ENSMUSG Cd83	4.784009	4.512046	4.454336	15.33458	15.22342	17.100161
ENSMUSG Ldb1	56.77083	55.78611	66.39049	50.6799	49.46812	47.905024
ENSMUSG Kcnip2	0.16359	0.624971	0.407564	0.275795	0.313129	0.36866
ENSMUSG Mgea5	22.80797	23.29307	21.27562	22.60832	21.7843	21.207005
ENSMUSG Mfsd13a	3.59163	2.754372	3.209881	3.017523	2.997975	4.313128
ENSMUSG Fbxl15	3.188056	3.726213	3.226749	4.038357	3.44997	3.195169
ENSMUSG Nfkb2	12.03991	10.56235	12.79684	18.51643	18.20623	21.641281
ENSMUSG Gbf1	13.37575	13.07527	12.49523	12.20756	13.81667	13.541413
ENSMUSG Pitx3	0	0	0	0	0	0
ENSMUSG Actr1a	55.36028	53.46037	56.05889	45.18375	47.63051	48.562935
ENSMUSG Trhr2	0	0	0	0	0.09878	0
ENSMUSG Kif27	1.454452	2.353067	1.046432	1.861495	1.748037	1.553333
ENSMUSG Kik1b22	0	0	0	0	0	0
ENSMUSG Olfr1371	0	0	0	0	0	0
ENSMUSG Cpa4	0	0	0	0.052097	0	0.016543
ENSMUSG Ubr2	17.27993	16.08155	14.33097	13.22488	14.31471	13.237457
ENSMUSG Rrp36	12.83236	14.55311	16.13707	12.94477	14.57678	14.309753
ENSMUSG Cnpy3	22.62584	21.87623	24.69739	22.88226	22.94584	23.971643
ENSMUSG Ptk7	18.24715	17.42163	19.28369	14.6424	15.00757	16.117819
ENSMUSG Guca1b	0	0	0	0	0	0
ENSMUSG Prph2	0	0.015518	0	0	0	0
ENSMUSG Ica1	16.46069	15.2935	16.76208	13.27815	13.05921	12.25664
ENSMUSG Rpl35	144.3371	147.592	144.0297	180.3853	163.4602	165.29326
ENSMUSG Nrg1	2.074255	2.004938	1.531883	1.511655	1.704655	1.021112
ENSMUSG Mmp7	0	0	0	0	0	0.059671
ENSMUSG Mmp20	0	0	0	0	0	0
ENSMUSG Sp7	0	0	0	0	0	0
ENSMUSG Ppih	1.661574	1.578573	1.274519	1.515767	1.605028	1.307365
ENSMUSG Vmn1r236	0	0	0	0	0	0
ENSMUSG Gm6217	0	0	0	0.054157	0	0
ENSMUSG Epb41l2	99.49652	94.0159	87.97726	61.58885	62.01818	52.624202
ENSMUSG Apaf1	5.161086	5.066715	4.94646	5.974672	6.089266	5.309324
ENSMUSG Ikbip	9.142909	8.995377	9.62774	8.332714	8.851782	8.599189
ENSMUSG Hbs1l	16.75236	17.37581	15.66597	14.99583	15.36801	16.559226
ENSMUSG Sgk1	103.4096	82.33142	95.64537	69.27753	77.36359	77.608952
ENSMUSG Cep290	2.698747	2.297419	1.887417	2.188189	2.109305	1.876657
ENSMUSG Zkscan7	3.178231	3.723971	2.929555	3.32699	2.747415	3.403067
ENSMUSG Snu13	29.37121	28.33329	30.51567	26.05574	27.49141	26.059298
ENSMUSG Olfr558	0.037099	0	0	0	0	0.01817
ENSMUSG Olfr658	0	0	0	0	0	0
ENSMUSG Cpeb4	18.85329	18.64469	17.19979	18.3651	19.69126	19.951902
ENSMUSG Cdc34	27.64627	27.73512	28.65085	35.20226	30.86537	33.383723
ENSMUSG Rnf121	10.75422	11.88886	11.89446	9.810802	11.21134	9.971834
ENSMUSG Asb3	2.933755	3.152121	3.571336	3.065172	2.934936	3.734624
ENSMUSG Hsd3b2	0.254738	0.210729	0.159746	0.09094	0.145666	0.043417
ENSMUSG Hcst	3.564472	2.361614	4.286478	5.881402	5.346178	4.980516
ENSMUSG Chac2	2.809877	3.61941	4.915478	4.807181	5.200349	3.936023
ENSMUSG Tpgs1	18.65854	18.40128	20.95643	22.08399	22.3129	22.508993
ENSMUSG Gm42517	0.143107	0.320713	0.1304	0.214087	0.088906	0.339401
ENSMUSG Gm21830	0	0	0	0	0	0
ENSMUSG Cyb5a	118.8539	127.6956	120.8795	89.92676	90.57129	88.990407
ENSMUSG Zscan4c	0	0	0	0	0	0
ENSMUSG Arfgap3	18.37314	15.99051	18.91635	18.52359	20.93404	19.461561
ENSMUSG Dnah1	0.661039	0.787423	0.399386	1.008055	0.882887	1.04258
ENSMUSG Zfp7	5.764971	6.14322	5.210799	5.243224	5.957587	4.915887
ENSMUSG Spata3	0	0	0	0	0	0.033187
ENSMUSG 2810459M	0.107189	0.138466	0.172943	0.120416	0.078298	0.125555
ENSMUSG 4933407L2	0.045941	0	0	0.040999	0	0
ENSMUSG Sp100	39.53507	35.41116	55.87574	39.94188	31.74776	35.925844
ENSMUSG Itm2c	77.02998	74.91013	78.27519	87.24296	86.10222	88.426201

ENSMUSG Slc16a14	0.085895	0.250157	0.134011	0.071788	0.089009	0.062263
ENSMUSG Htr2b	0.195253	0.112306	0.024255	2.341928	2.251201	3.118687
ENSMUSG Psm1	33.5302	35.65474	33.64568	29.41321	33.35902	33.273411
ENSMUSG Defa5	0	0	0	0	0	0
ENSMUSG H2-Ke6	25.10336	18.70244	20.94396	19.03776	18.36769	20.151106
ENSMUSG Zfp414	10.64475	9.887838	10.63678	10.33324	10.42086	9.392424
ENSMUSG H2-Ab1	174.6838	171.6749	463.6875	466.9508	355.3213	450.95538
ENSMUSG Defa28	0	0	0	0	0	0
ENSMUSG Smcp	0	0	0	0	0	0
ENSMUSG Cyp4f15	3.4562	3.406491	2.225361	2.178125	2.827088	1.84404
ENSMUSG Defa29	0	0	0	0	0	0
ENSMUSG Cox7b2	0	0	0	0	0	0
ENSMUSG Krt8	96.29322	94.83572	80.78248	73.63311	69.58732	85.119492
ENSMUSG Mybpc2	0.851323	0.537328	0.533241	0.51058	0.422501	0.639067
ENSMUSG Arfrp1	14.22326	13.79559	15.22631	12.09514	11.98323	11.671074
ENSMUSG Ucn	0	0	0	0	0	0
ENSMUSG Scube3	0.342111	0.437002	0.64384	0.854028	0.914289	0.933334
ENSMUSG Ranbp6	6.460884	6.999131	6.867892	6.212852	5.372945	5.78232
ENSMUSG Trps1	2.487094	2.820629	2.084329	2.762312	2.840852	2.81313
ENSMUSG Dusp3	52.2828	52.32015	47.88556	34.20011	34.72149	35.312753
ENSMUSG Slc6a1	0	0	0	0	0	0.027401
ENSMUSG Dennd5b	4.497755	4.62593	4.130371	4.783554	5.384158	4.912528
ENSMUSG Vgll4	29.14196	30.15032	29.71647	24.24771	25.26293	28.354783
ENSMUSG Atg7	14.21698	10.57183	13.19935	14.74393	13.68895	12.986996
ENSMUSG Timp4	0.367667	0.490068	0.406349	0.719958	0.638802	0.354755
ENSMUSG Tamm41	4.97476	4.297864	5.856448	4.411518	4.400447	4.163319
ENSMUSG Cand2	0.790762	0.870325	0.584085	0.678407	0.86124	0.793775
ENSMUSG Insig1	25.99972	22.2131	25.17189	36.39754	32.13441	41.915279
ENSMUSG Tnfsf14	1.711931	1.674427	2.442028	2.292171	2.021169	2.16895
ENSMUSG Gpr108	21.09548	21.32531	20.89691	22.66006	24.29833	22.149298
ENSMUSG BC051665	0	0	0	0	0	0
ENSMUSG Spatc1	0.151419	0.060833	0.188835	0.23419	0.256926	0.264768
ENSMUSG Gm43191	0	0	0	0	0	0
ENSMUSG Zbtb5	3.525559	3.903098	3.55751	3.914411	4.011516	4.171943
ENSMUSG Bdp1	6.998635	7.412503	6.257558	6.584382	6.685731	6.336923
ENSMUSG Ang6	0	0	0	0	0	0
ENSMUSG Psm14	21.28928	21.597	23.78277	26.56818	25.06572	26.728209
ENSMUSG Strbp	3.92506	5.872389	4.322675	7.604002	7.917763	7.805941
ENSMUSG Ccin	0	0.07155	0.027938	0.026896	0	0.085973
ENSMUSG Wdr5	13.16832	14.9013	13.39396	12.12221	12.30893	11.87422
ENSMUSG Rmi1	6.010266	6.682259	5.608568	5.737526	6.404219	5.861309
ENSMUSG Parpbp	0.224445	0.175992	0.093104	0.365786	0.456983	0.582437
ENSMUSG 4930524J0	0.168075	0.227753	0.450216	0	0.60497	0.123402
ENSMUSG Foxe1	0	0	0	0	0	0
ENSMUSG Brd3	14.78945	15.23347	13.43149	12.7929	12.21587	13.668745
ENSMUSG Lcn4	0	0	0	0	0	0
ENSMUSG Cideb	0.105247	0.322083	0.377047	1.216776	0.805198	0.671157
ENSMUSG Tgm1	1.85485	1.356864	1.300139	1.759862	2.228254	2.629875
ENSMUSG Cpne6	0	0	0	0	0	0
ENSMUSG Carmil3	0.240988	0.279696	0.194423	0.370947	0.407984	0.489742
ENSMUSG Dhrr4	14.02244	13.49643	13.81262	14.82516	15.45752	16.506819
ENSMUSG Emc9	6.556642	8.578562	6.488784	9.381687	5.602532	8.574521
ENSMUSG Psme1	87.3499	80.42182	126.1894	95.9249	80.29746	92.503544
ENSMUSG Fitm1	0.0581	0.463098	0.194511	0.210038	0.101133	0
ENSMUSG Dcaf11	35.13839	37.52335	33.39084	34.08688	33.68902	36.84734
ENSMUSG Fam167a	6.377026	6.994215	4.778525	6.719795	8.155292	7.792023
ENSMUSG Secisbp2l	33.28322	35.49165	29.59155	28.02699	28.76499	27.291198
ENSMUSG Herpud2	22.01787	21.28755	21.47731	17.04874	16.96161	17.853714
ENSMUSG Prkaa2	4.729737	4.64595	3.543886	3.127585	3.556818	2.760945
ENSMUSG Dab1	0.10905	0.036165	0.024288	0.050411	0.139899	0.036432
ENSMUSG Plpp3	80.30814	76.02831	78.56355	57.04128	62.59125	55.01519
ENSMUSG Usp24	9.395828	9.808565	8.80543	9.582382	9.637421	10.186184
ENSMUSG Cxcr6	1.673549	2.043683	2.23908	4.902813	3.502996	4.884008
ENSMUSG Rpl7	406.4848	409.0364	406.056	398.561	391.5504	405.16136

ENSMUSG Olfr1326- ρ	0	0	0	0	0	0
ENSMUSG Fam43a	24.1485	23.04081	23.98514	16.94606	17.29573	17.676908
ENSMUSG Zfp526	5.40735	5.294771	4.679383	4.791159	4.105437	4.684052
ENSMUSG Nkx1-2	0	0	0	0	0	0
ENSMUSG Col6a6	0.297154	0.146138	0.188906	0.626327	0.440266	0.619354
Mus_musc Mus_musc	6.57656	5.64355	7.202966	5.993998	5.401642	5.796392
Mus_musc Mus_musc	0.151779	0.457473	0.400518	0.296252	0.085667	0.602275
Mus_musc Mus_musc	0.299445	0.238349	0.335813	0.614122	0.494969	0.808729
Mus_musc Mus_musc	0	0	0.212967	0	0	0.574602
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Csde1	79.71068	79.85267	75.80824	67.07074	61.50525	62.366408
Mus_musc Mus_musc	0.441203	0.628099	0.446562	0.45383	0.263598	0.225742
Mus_musc Mus_musc	0.168256	0.500841	0.596245	0.235744	1.062943	0.233436
ENSMUSG Olfr1083- ρ	0	0	0	0	0	0
ENSMUSG Sln	0.420289	7.764402	1.028614	2.08727	1.786042	0.703346
ENSMUSG Dstyk	9.982193	10.48986	8.540782	7.67961	8.002228	7.810148
ENSMUSG Crabp2	0	0	0	0	0.060159	0.339488
ENSMUSG 2010003K:	0	0	0	0.074984	0	0
ENSMUSG Lbr	24.13631	21.11865	26.91693	19.5454	19.53752	20.649313
ENSMUSG Tbca	43.52457	44.97922	45.3168	56.42408	42.64918	45.806502
ENSMUSG Olfr711	0	0	0	0	0	0
ENSMUSG Gm4779	0	0	0	0	0	0
ENSMUSG Synrg	17.73095	18.38109	15.28368	16.53047	16.2089	16.065052
ENSMUSG Tmem106:	10.6503	9.957848	10.89956	20.86264	19.92046	23.294022
ENSMUSG Zfr2	1.401193	1.272005	1.080336	1.218041	1.315889	0.981239
ENSMUSG Ubtd2	6.165276	7.029153	7.907614	6.183764	5.772705	7.474649
ENSMUSG Cfap43	16.5503	15.88642	16.05567	14.53523	12.87357	13.373988
ENSMUSG Clca4b	0	0	0	0	0	0
ENSMUSG Zfp791	3.467233	3.59204	1.757076	1.183082	1.716557	1.417659
ENSMUSG Krtdap	0	0	0	0	0	0
ENSMUSG Wdr77	7.601248	6.463733	6.787488	5.954381	6.746188	6.677217
ENSMUSG Hic2	0.8499	0.850328	0.931675	0.82659	0.701497	0.838027
ENSMUSG Gm9112	0	0	0	0	0	0
ENSMUSG Sssca1	12.6258	10.62088	12.8877	14.85319	14.06039	14.336165
ENSMUSG Rab7	173.5342	170.1931	181.4381	157.3557	166.5663	160.44175
ENSMUSG 1700011M	0	0.051069	0	0	0	0
ENSMUSG Apol10b	0.292704	0.288774	1.509645	0.982013	0.518194	0.736903
ENSMUSG Olfr350	0	0	0	0	0	0
ENSMUSG Mymx	0	0	0	0	0.069661	0
ENSMUSG Utp14b	0.517962	0.621282	0.541697	0.75513	0.62648	0.799178
Mus_musc Mus_musc	0	0	0	0.066758	0.071621	0.545022
Mus_musc Mus_musc	0.604485	0.475107	0.867293	0.563039	0.416754	0.302506
Mus_musc Mus_musc	0	0.142285	0	0.141247	0	0.235017
Mus_musc Mus_musc	0.230161	0.172232	0.21863	0.134309	0.030153	0.328877
Mus_musc Mus_musc	2.423486	1.840125	0.914468	1.469331	2.396647	1.31047
ENSMUSG Otos	0	0	0	0	0	0
ENSMUSG Efcab9	0.137584	0.171873	0.31315	0.092316	0.410101	0.318358
Mus_musc Mus_musc	0.074535	0	0	0	0.201493	0
ENSMUSG Cd101	1.77272	1.349493	1.683777	2.507172	3.190214	2.988239
ENSMUSG Bbox1	0.753179	0.987471	0.126933	1.086726	1.115936	1.108004
ENSMUSG Prima1	0.076191	0.166929	0.047101	0	0.104971	0.144644
ENSMUSG Olfr791	0	0	0	0	0	0
ENSMUSG Wfdc15a	0	0	0	0	0	0
ENSMUSG Xrcc1	10.63244	10.0484	10.95873	8.945083	10.36353	9.914818
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Celsr3	0.053776	0.038398	0.100608	0.147307	0.095468	0.137292
Mus_musc Mus_musc	0	0	0.065048	0	0	0.306127
Mus_musc Mus_musc	0.037606	0	0	0.050349	0.06472	0.187704
ENSMUSG Samhd1	87.14858	70.45374	122.7294	94.01949	75.75289	78.085671
ENSMUSG Sla2	0.834023	0.44738	1.346548	1.480832	0.674056	0.872822
ENSMUSG Rab5if	35.89711	31.37965	30.68709	34.52663	34.56602	36.151894
ENSMUSG Ndr3	20.60628	19.46996	21.24289	16.15336	17.43152	15.884368
ENSMUSG Dsn1	1.811877	2.149775	1.84256	2.205365	2.161635	2.925251
ENSMUSG Tbl1xr1	7.934677	7.751886	7.846977	10.18571	7.497781	7.266983

ENSMUSG KI	0.070723	0.162299	0.131802	0.060589	0.050485	0.056645
ENSMUSG Wdr91	11.58581	11.52345	12.06652	18.42028	16.59946	19.352592
ENSMUSG Olfr108	0	0	0	0	0	0
ENSMUSG Abhd11	13.47808	13.15982	12.58176	13.06335	11.21121	12.118839
ENSMUSG Matn1	0	0	0	0	0	0
ENSMUSG Necab1	0.04229	0.034737	0.061197	0.067423	0	0.016839
ENSMUSG Adam22	2.114274	2.227187	1.744088	1.49033	1.315076	1.691394
ENSMUSG Zfp637	18.60979	19.37559	17.55597	13.67622	12.34219	14.657489
ENSMUSG Yes1	15.30923	16.30318	13.90751	10.79276	12.08084	11.072179
Mus_musc Mus_musc	0.086645	0	0	0.216605	0.107089	0.149145
Mus_musc Mus_musc	0	0	0	0	0.182574	0
Mus_musc Mus_musc	0.350118	0.241184	0.235435	0.833864	0.734019	0.942265
Mus_musc Mus_musc	3.440548	4.329283	1.395877	4.037701	2.099142	3.135377
Mus_musc Mus_musc	0.345986	0.615804	0.415802	0.406756	0.255763	0.701675
ENSMUSG H2-DMb1	16.92533	17.44433	35.16056	42.57482	32.88672	40.859283
ENSMUSG Abcg1	36.55292	33.62653	35.10514	31.62006	39.56559	38.576328
ENSMUSG Gm5741	0.319883	0	0.392468	0.222295	0.135466	0.407681
ENSMUSG Lrrc4b	0.529948	0.291256	0.239161	0.582484	0.440244	0.364524
ENSMUSG Ngrn	25.62032	22.2708	21.91642	19.68946	22.05394	20.652914
ENSMUSG BC053393	0	0	0.021828	0.046691	0	0
ENSMUSG Olfr1020	0	0	0	0	0	0
ENSMUSG Pla2g4f	1.594707	1.362611	1.382663	2.257658	1.970245	2.653795
ENSMUSG Gm21833	0	0	0	0	0	0
ENSMUSG 4933405O	0	0	0	0	0	0
ENSMUSG Tmem19	9.546989	9.530649	9.398925	9.799531	11.56425	9.139449
ENSMUSG Calb2	0	0	0	0.043656	0.078278	0
ENSMUSG Xlr5c	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.159655	0	0.196551	0	0
Mus_musc Mus_musc	0	0	0	0.09715	0	0.337863
Mus_musc Mus_musc	0.599617	0.768633	0.395195	0.167368	0.501552	0.161629
Mus_musc Mus_musc	0.699536	0.789513	0.896286	0.535508	0.553368	1.103247
Mus_musc Mus_musc	2.140383	1.979967	2.190333	2.467877	2.263866	2.260516
Mus_musc Mus_musc	0.059899	0.223129	0.105293	0.12774	0.188761	0.517099
Mus_musc Mus_musc	0	0.68817	0	0	0.373385	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.465474	0.442159	0.425956	0.335349	0.288498	0.532173
Mus_musc Mus_musc	0.555958	0.516245	0.4762	0.88452	0.208372	0.577358
ENSMUSG Fam177a	7.289481	7.786248	6.503475	6.01777	6.602576	6.213859
ENSMUSG Gm7138	0	0	0	0	0	0
Mus_musc Mus_musc	0.043134	0.125906	0.069617	0.073861	0.165664	0.260593
Mus_musc Mus_musc	0	0	0.063749	0.408446	0.38043	0.218475
ENSMUSG Olfr339	0	0	0	0	0	0
Mus_musc Mus_musc	1.361591	1.921128	0.654934	0.912582	0.631922	0.831712
ENSMUSG Olfr883	0	0	0	0	0	0
ENSMUSG Gm21560	0	0	0	0	0	0
ENSMUSG Gm21028	0.183445	0.154309	0.214261	0.369254	0.373385	0
ENSMUSG Pnck	1.388344	1.525057	1.261167	1.448855	0.790274	1.027424
ENSMUSG Idh3g	42.66046	45.39462	46.78567	46.78414	45.84623	46.366295
ENSMUSG Fam98a	10.6102	12.34649	11.76392	10.87831	10.63918	10.615936
ENSMUSG Bcap31	86.02172	88.19613	89.98589	80.93192	84.80566	84.965843
ENSMUSG Ssr4	47.69618	48.44329	51.34956	132.3908	137.7121	119.11569
ENSMUSG Pofut1	8.06242	7.110333	7.976594	6.844036	6.524028	6.86036
ENSMUSG Stard5	8.611835	8.32019	10.84847	12.01641	12.65009	13.170726
ENSMUSG Vmn1r151	0	0	0	0	0	0
ENSMUSG Lrp3	2.308774	2.294444	2.457072	1.67181	1.704654	1.797011
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG H2a1a	0	0	0	0	0	0
ENSMUSG Gm28374	0	0	0	0.047404	0	0
Mus_musc Mus_musc	0.419772	0.245812	0.566825	0.375661	0.191278	0.598121
Mus_musc Mus_musc	0.13402	0.12229	0.059415	0.527797	0.275114	0.652399
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.0355	0	0	0.37879	0.514177	0.308463
Mus_musc Mus_musc	0.579009	0.471233	0.413487	0.27951	0.504898	0.588039
ENSMUSG Gm9821	0.997946	1.236139	1.52978	1.453673	1.763761	1.671548

ENSMUSG Gm21834	0	0	0	0	0	0
Mus_musc Mus_musc	0.202229	0	0.186359	0	0	0
Mus_musc Mus_musc	0.303985	0.470533	0.304388	0.221737	0.110674	0
Mus_musc Mus_musc	0	0.307329	0.342108	0.494419	0.213214	0.140064
Mus_musc Mus_musc	0.34396	0	0	0	0	0
Mus_musc Mus_musc	0.676262	0.318358	0.605076	0.807517	0.527152	0.937686
Mus_musc Mus_musc	0.177585	0	0.15282	0	0	0
ENSMUSG Zscan4b	0	0	0	0	0	0
Mus_musc Mus_musc	0.173049	0.114349	0	0.174016	0	0
Mus_musc Mus_musc	2.262242	2.515341	3.072821	2.266675	1.798734	2.463911
ENSMUSG Kif2b	0	0	0	0	0	0
ENSMUSG 1700018G	0	0	0.066524	0	0	0
ENSMUSG Vmn1r206	0	0	0	0	0	0
ENSMUSG Tgif2lx2	0	0	0	0	0	0
ENSMUSG Krtap28-1	0	0	0.052958	0	0	0.057739
ENSMUSG Skida1	1.770658	1.967634	1.461615	1.382705	1.342658	1.335481
ENSMUSG ligp1	10.88286	7.771845	114.964	70.70373	10.6138	16.094444
ENSMUSG Utp18	9.202998	7.134191	8.124	8.255911	6.948056	8.460407
ENSMUSG Gbp11	0.406842	0.442044	1.69672	2.481145	0.876387	1.482246
ENSMUSG Gm28539	0	0	0	0.025126	0	0
ENSMUSG Scgb2b21	0	0	0	0	0	0
ENSMUSG Gm8897	0	0	0	0.129744	0	0
ENSMUSG Vmn1r117	0	0	0	0	0	0
ENSMUSG Gm17535	0	0	0	0	0	0
ENSMUSG Vmn1r79	0	0	0	0	0	0
ENSMUSG Gm21836	0	0	0	0	0	0
ENSMUSG 2210407C	0	0	0.040498	0.117401	0.244683	0
ENSMUSG Kctd10	144.0768	142.0193	140.3546	98.07191	97.22769	101.52651
ENSMUSG Tas2r108	0	0	0	0	0	0
ENSMUSG Cfap61	2.606185	3.079607	1.478321	3.867884	3.865397	4.095071
ENSMUSG Ddx1	13.2547	13.69813	12.9568	12.05065	11.76739	12.082553
ENSMUSG Arhgap10	7.460751	7.072191	9.369697	7.098642	6.900017	9.284903
ENSMUSG Slc13a2	0.195125	0.235622	0.196462	0.454592	0.632912	0.446949
Mus_musc Mus_musc	1.361577	1.815212	1.204906	1.076598	0.988952	0.709893
ENSMUSG Rxb	17.76638	18.40759	19.2676	17.58481	17.92003	17.731611
ENSMUSG Brinp3	0	0	0	0	0	0
ENSMUSG Baat	0	0	0.013316	0	0	0
ENSMUSG Cpeb3	3.117332	3.887848	3.108984	3.878612	4.373947	4.826608
ENSMUSG 3110001I2	1.339738	1.909396	1.423951	1.368964	1.2184	2.13271
ENSMUSG Zfp985	0.035537	0	0	0.015766	0.040557	0.020006
ENSMUSG Aurkaip1	35.66371	36.7857	41.57254	39.22253	36.12849	37.373706
ENSMUSG Ache	0.376269	0.344752	0.555117	0.538323	0.566027	0.582405
ENSMUSG Gm14403	6.381125	9.204397	3.338063	4.722973	3.755824	5.500126
ENSMUSG Srf	18.91047	15.99764	18.64721	14.52124	15.33078	17.977782
ENSMUSG Klf15	104.6511	100.1393	100.6905	65.76853	73.06056	61.596797
ENSMUSG Cyp3a41b	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.118134	0.102723	0.174016	0	0
ENSMUSG Zcchc18	0.400235	0.639218	0.482359	1.213019	1.334669	0.965337
ENSMUSG Ankrd42	3.48433	3.307102	2.762216	4.234499	3.367458	4.5958
ENSMUSG Ccdc188	0.006157	0.032553	0.038298	0.025695	0	0
ENSMUSG Atg2b	7.1077	7.390725	6.873731	6.344735	6.992672	7.284547
ENSMUSG Wrap53	4.534743	3.661239	4.690878	4.375834	4.213052	4.134929
ENSMUSG Bdkrb1	0.547618	0.48839	0.610484	0.562236	1.033207	0.705762
ENSMUSG Morf4I2	64.20415	67.0807	69.02656	68.56331	73.56701	70.058249
ENSMUSG Alox12	2.126324	2.536806	3.216414	1.204075	1.241332	1.183497
ENSMUSG Kir3dl1	0	0	0	0	0	0
ENSMUSG Comt	49.19614	48.58058	47.25633	54.06468	58.80498	57.813977
ENSMUSG Arvcf	8.015278	8.564026	10.37754	6.929095	6.865141	6.566019
Mus_musc Mus_musc	0.937996	0.582355	0.672293	0.670951	0.641382	1.168159
Mus_musc Mus_musc	0.296159	0.249361	0.246983	0.48677	0.632498	0.387401
Mus_musc Mus_musc	16.01203	10.77613	14.3906	15.74079	16.66075	14.861424
Mus_musc Mus_musc	0.182848	0.310939	0.692892	0.432642	0.671437	1.452256
Mus_musc Mus_musc	0.02096	0.011389	0.020508	0.023369	0.023519	0.019179
Mus_musc Mus_musc	0	0	0.06852	0.129761	0	0

Mus_musc Mus_musc	0.876329	0.470354	1.198367	0.826361	0.851602	0
Mus_musc Mus_musc	0.139098	0.245408	1.470762	1.300299	1.7819	2.20846
Mus_musc Mus_musc	15.67269	11.3699	18.2784	19.68002	15.7327	20.46176
ENSMUSG Plb1	1.419423	1.358312	1.583223	1.050837	0.665769	0.938034
ENSMUSG Qk	86.90403	85.70908	79.69014	51.45238	53.43072	50.911246
ENSMUSG Trim54	0.28939	1.410521	0.192733	0.506273	0.281341	0.159397
ENSMUSG Lmnb2	5.462835	4.072142	5.694068	4.521222	5.047106	5.302059
ENSMUSG Wisp3	0.160204	0.055569	0	0	0.325363	0.103234
ENSMUSG Pcgk1	48.19251	52.69454	48.44406	62.6944	68.31219	71.700577
ENSMUSG Gm21962	0	0	0	0	0	0
ENSMUSG Dnajb6	51.29464	55.94025	49.42805	45.05316	43.43566	42.498425
ENSMUSG Mpz	0.937215	1.860275	1.531926	2.44578	1.198162	1.243109
ENSMUSG Olfr324	0	0	0	0	0	0
ENSMUSG Mrpl40	13.27492	10.72091	11.15107	14.77669	11.51229	12.793825
ENSMUSG Olfr1297	0	0	0	0	0	0
ENSMUSG Speer4f2	0	0	0	0	0	0.033724
ENSMUSG Foxa2	25.73553	19.05168	18.41794	17.99459	16.48951	17.841313
ENSMUSG Mthfr	7.763602	7.597636	7.98655	7.117795	7.784338	7.754748
ENSMUSG Agtrap	17.66184	16.59575	17.17182	19.54587	16.91083	18.702225
ENSMUSG 1700003E1	2.893233	3.381736	2.488279	3.824232	3.642374	4.349741
ENSMUSG Draxin	0.238294	0.279686	0.247459	0.220736	0.346242	0.125353
ENSMUSG Kmt2e	25.29962	26.61219	21.15545	22.18567	22.22002	21.492006
ENSMUSG Mad2l2	6.633727	6.730542	8.914384	6.339481	7.492139	6.110774
ENSMUSG Nefm	0.067001	0.026289	0	0.014928	0.020186	0
ENSMUSG Fbxo44	3.5413	3.994989	3.757314	5.332678	4.016432	5.629436
ENSMUSG Adam7	0.368366	0.344827	0.335535	0.389216	0.204129	0.222415
ENSMUSG Wdr54	1.152654	1.540708	1.112353	1.479252	1.098303	1.219708
ENSMUSG Sema7a	65.68681	59.97461	76.5447	35.72632	48.05394	37.109549
ENSMUSG Slc22a23	20.18149	20.79004	20.053	16.33108	16.4847	16.270093
ENSMUSG Trpm4	9.997733	10.18506	10.0319	9.414611	9.589586	8.951815
ENSMUSG Ovca2	5.596071	5.545772	4.871165	4.518761	4.473127	4.494926
ENSMUSG Efcab10	1.213404	2.226364	0.532663	1.979854	2.373184	2.529893
ENSMUSG Twistnb	4.780824	4.269193	4.334179	4.476118	4.327291	4.013897
ENSMUSG Kif17	0.094849	0.015462	0.085911	0.090208	0.084831	0.061662
ENSMUSG Hp1bp3	57.02257	55.41796	55.90753	46.18254	46.00262	45.757857
ENSMUSG Nat1	0.041738	0.212216	0.104347	0.183398	0.234393	0.042252
ENSMUSG Atxn7l1	19.40576	19.61015	22.21878	16.33165	17.38755	17.31102
ENSMUSG Cpeb1	4.736409	3.995269	4.196022	3.028994	3.197502	3.333213
ENSMUSG Cda	0.100906	0.189147	0.336475	0	0	0
ENSMUSG Pink1	60.71661	58.73323	55.673	43.46157	41.5972	38.058328
ENSMUSG Ddost	60.21506	51.35707	54.58072	59.40494	73.30977	70.230347
ENSMUSG Pla2g2c	0.088779	0.039461	0.037118	0.089803	0.093933	0.242627
ENSMUSG Rptor	8.66164	7.962209	8.285437	7.312248	7.321539	7.45738
ENSMUSG Eif4a3	51.30346	48.0497	53.8121	46.68967	44.0029	46.62402
ENSMUSG Vwa5b1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.247605	0	0
Mus_musc Mus_musc	0	0	0	0	0.227069	0
ENSMUSG Ly6f	0	0	0	0	0	0
ENSMUSG Ly6g	0.388561	0.128728	0.529647	0.322046	0.363572	0.278328
ENSMUSG Rhpn1	0.469224	0.165699	0.595053	0.591577	0.25209	0.464221
ENSMUSG Ly6e	280.3755	224.7911	426.2461	182.9008	219.8541	258.76976
ENSMUSG Ly6i	0.988466	4.899633	9.765248	2.359947	2.545813	9.119293
ENSMUSG Ly6c2	60.8115	66.02661	97.82263	176.2653	135.9539	149.12725
ENSMUSG Cyp11b2	0	0	0	0	0	0
ENSMUSG Gm10439	0	0	0	0	0	0
ENSMUSG Mrc2	11.91693	10.72748	12.71201	13.80951	13.41311	13.065703
ENSMUSG Tlk2	13.97071	14.14335	12.59181	11.94892	14.02158	12.829998
ENSMUSG Lig3	5.980684	5.2185	4.722761	5.391174	5.434414	5.447939
ENSMUSG Rffl	6.915544	6.64704	6.989908	5.651444	6.241941	6.928069
ENSMUSG Mettl2	6.325994	5.274493	5.938689	5.3067	5.089491	5.389693
ENSMUSG Efcab3	0	0	0	0	0	0
ENSMUSG Nle1	3.462604	2.85447	3.355558	3.164243	2.886769	2.564647
ENSMUSG Cct6b	0.135079	0.118598	0.079005	0	0.119081	0.095686

Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0.308619	0	0	0	0
ENSMUSG Vmn2r6	0	0	0	0	0	0
Mus_musc Mus_musc	0.228397	0.176952	0	0.138787	0.062907	0
ENSMUSG Gm20883	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.244817	0
ENSMUSG Ninj1	19.41903	20.05745	20.36271	29.46254	26.86348	30.592927
ENSMUSG Zc3h7a	17.80654	16.77587	21.50825	18.93987	17.02727	17.111453
ENSMUSG Rflna	3.23573	2.69832	3.835639	2.016422	2.366991	1.625463
ENSMUSG Card19	30.79958	26.12974	28.55831	28.01424	25.5414	26.792341
ENSMUSG Mrps34	24.81456	23.53449	27.03573	28.77609	22.75535	21.468628
ENSMUSG Prl3a1	0	0	0	0	0	0
ENSMUSG A230050P:	7.525715	7.167299	10.25686	7.31167	6.687486	6.041883
ENSMUSG Man2a2	18.75344	18.29059	18.97457	26.04089	26.23185	26.549239
ENSMUSG Ctu1	4.604757	4.218348	4.306063	3.524548	4.314743	5.100285
ENSMUSG Pcgf6	1.969087	2.223694	2.148662	2.231106	2.299528	2.561532
ENSMUSG Samt4	0	0	0	0	0	0
ENSMUSG Nr0b1	0	0	0	0	0	0
ENSMUSG 5430427O	0.479696	0.370893	0.724796	1.054341	0.927146	1.097856
ENSMUSG Gk	2.869517	2.790456	3.195016	3.487689	3.585144	3.117704
ENSMUSG Ulk3	4.376429	4.153663	5.303167	4.63014	4.20831	4.667963
ENSMUSG Fbxo22	14.68589	16.61414	17.18127	16.10207	15.62781	16.640639
ENSMUSG 1700017B	6.129955	5.585813	5.710376	10.18565	11.30353	11.510896
ENSMUSG Psm4	49.52226	46.19189	56.04806	54.02732	51.60881	57.447313
ENSMUSG Zc3hc1	7.50805	7.745275	8.01496	6.066978	6.29939	5.965758
ENSMUSG Gipc2	26.1994	26.05013	24.81006	20.32135	16.48759	19.776478
ENSMUSG Fam219b	9.548689	7.90903	8.807556	6.57516	6.462972	7.041299
ENSMUSG Mpi	7.041634	7.571471	7.292537	6.947683	7.837359	8.008248
ENSMUSG Ube2q2	11.69187	13.00383	11.62898	12.67166	12.46369	12.865574
ENSMUSG Thrb	4.083833	4.470522	3.755541	3.506332	3.942123	3.629612
ENSMUSG Vdac2	71.37691	70.76791	68.9045	72.15482	72.4205	76.437325
ENSMUSG Samd8	10.71933	9.557276	8.643896	10.61864	11.07819	11.084102
ENSMUSG Comtd1	2.251563	2.109813	1.885329	2.246762	3.03912	3.293499
ENSMUSG Nkiras1	2.512216	3.281796	3.852379	3.458063	3.015631	2.919146
ENSMUSG Nr1d2	41.46208	31.49256	27.6564	13.53464	15.99203	13.562338
ENSMUSG Ube2e1	22.94231	25.25799	25.29219	26.94549	22.28156	20.511833
ENSMUSG Tmem121	0.076335	0.029411	0.06912	0.235596	0.059779	0.136137
ENSMUSG Clec4a1	2.751318	2.240852	5.278713	7.332803	7.423118	7.328732
ENSMUSG Mterf2	1.741637	2.411446	2.194321	2.778995	2.570865	1.916525
ENSMUSG Clec16a	8.165577	8.661122	8.956552	8.805293	8.48847	10.188308
ENSMUSG Creb5	0.896957	1.083212	0.82222	1.268832	1.54457	1.746452
ENSMUSG Hrh1	0.085514	0.135786	0.147406	0.28495	0.259405	0.366051
ENSMUSG Cemip	0.081813	0.060543	0.052764	0.082322	0.041429	0.088454
ENSMUSG Ccdc85a	31.95245	31.63907	30.81959	17.55192	18.85244	14.272944
ENSMUSG Arhgef17	18.03797	18.50629	17.7961	12.81434	13.32491	12.912783
ENSMUSG Cyb5r4	12.45808	13.49891	12.9777	13.0704	13.22857	13.818322
ENSMUSG Smap2	19.03517	15.50247	15.55528	26.74995	29.17071	27.569365
ENSMUSG Cenpj	3.506102	2.8254	4.255315	3.571784	3.382508	2.695024
ENSMUSG Fbxo39	0.188913	0.157471	0.087435	0.063168	0.031808	0.074731
ENSMUSG C530008M	1.788519	1.340945	1.52581	1.058194	1.368674	1.235813
ENSMUSG Ampd1	0.038409	0.068744	0	0.014815	0.021762	0
ENSMUSG Serbp1	79.77359	78.26859	59.92752	69.18329	89.21996	97.950791
ENSMUSG Olfr389	0	0	0	0	0	0
ENSMUSG Olfr401	0	0	0	0	0	0
ENSMUSG Tmem258	25.05303	25.01299	27.34191	32.77506	33.46122	36.815031
ENSMUSG Nkx6-3	0.037808	0	0	0	0	0
ENSMUSG Adipoq	1.140559	4.198717	0	2.05331	0.736221	2.093764
ENSMUSG Fetub	1.432165	0.98602	1.046674	1.740628	2.722395	2.249732
ENSMUSG Hrg	0	0	0	0	0	0
ENSMUSG Samsn1	4.657708	3.731182	6.40134	9.529088	9.55361	8.776231
ENSMUSG Kng1	0	0	0	0.111509	0.0793	0.099186
ENSMUSG Canx	78.12971	82.59368	89.97667	84.66801	90.30155	86.485774
ENSMUSG Gpcpd1	16.92511	15.15475	15.32262	14.03592	12.78798	13.366469
ENSMUSG Rasgrp1	2.528931	1.726558	2.839232	3.986538	3.124403	3.9654

ENSMUSG Fsip1	1.127633	1.175197	0.759689	1.499156	1.567872	1.074898
ENSMUSG Pcna	48.09108	48.07516	54.96835	48.28045	53.98441	56.886856
ENSMUSG Pcdhb18	0.590801	0.701264	0.614584	0.435368	0.51708	0.431546
ENSMUSG Tmem230	13.16343	14.65346	12.88221	12.94595	13.36655	12.939561
ENSMUSG Pou4f1	0.039764	0.018573	0.055831	0.046274	0.072787	0.039365
ENSMUSG Fam98b	11.91984	11.98057	10.58207	12.36389	11.9293	11.96112
ENSMUSG Tmem238	3.9436	1.7442	1.684213	1.643598	1.882538	2.078826
ENSMUSG Rpl28	184.7544	184.0756	201.9317	225.5166	216.3815	230.77227
ENSMUSG Sbk2	0.198964	0.546398	0.649859	1.583297	1.771279	2.164383
ENSMUSG Depdc5	7.070224	6.550462	5.664993	6.019907	5.695438	6.228744
ENSMUSG U2af2	54.63058	56.47446	60.11712	55.10162	52.82999	51.88303
ENSMUSG Taar9	0	0	0	0	0	0
ENSMUSG Vgf	0	0	0	0	0	0.07357
ENSMUSG Vcam1	12.69425	10.84575	16.21069	18.45268	18.83522	17.034396
ENSMUSG Extl2	4.310135	3.772738	4.058669	3.985733	3.813029	4.125827
ENSMUSG Lrrc39	0.290419	0.492966	0.180276	0.304804	0.284549	0.269328
ENSMUSG Col11a1	0	0	0	0	0	0
ENSMUSG Neurog2	0	0	0	0	0	0
ENSMUSG Olfm3	0	0	0	0	0	0
ENSMUSG Larp7	6.860798	6.569566	6.696634	6.885296	6.439653	5.917363
ENSMUSG Smtnl1	0	0	0	0	0	0
ENSMUSG Mmp2	19.14186	17.82094	19.60447	32.40448	31.83602	33.995683
ENSMUSG St3gal2	19.46146	17.66497	17.32151	12.38651	12.77563	12.258531
ENSMUSG Gnao1	17.18699	16.83653	17.88224	9.330676	9.96289	9.211768
ENSMUSG Ttc25	2.318074	2.990921	1.683274	3.764763	5.323152	4.256644
ENSMUSG Cnp	17.9584	16.82003	17.84965	25.85613	23.91884	25.911575
ENSMUSG Krt6b	0	0	0	0	0	0.024723
ENSMUSG Krt18	61.65102	57.80675	43.21462	47.84621	48.50383	55.154942
ENSMUSG Olfr263	0	0	0	0	0	0
ENSMUSG Soat2	0.169467	0.140612	0.34055	0.362171	0.137398	0.350688
ENSMUSG Csad	17.95508	20.48187	15.64075	15.41346	16.41547	15.632411
ENSMUSG Amhr2	2.06118	1.461798	2.564486	1.467285	1.510108	1.795664
ENSMUSG Igfbp6	235.3447	243.5192	183.9851	126.0462	120.1262	130.65985
ENSMUSG Prr13	57.81418	58.83471	66.10385	74.95303	77.27956	84.319852
ENSMUSG Pgap1	1.840631	1.716483	1.647459	1.881234	1.650286	1.959496
ENSMUSG Hspe1	28.35925	40.89206	38.1223	39.38599	37.94868	44.236221
ENSMUSG G0s2	30.36546	40.87336	44.66063	20.08878	19.77653	21.147375
ENSMUSG Ppp2cb	57.13596	57.48283	60.40644	44.73957	42.01061	43.088169
ENSMUSG Cdsn	0.223738	0.037172	0.19777	0.126879	0.13353	0.18383
Mus_musc Mus_musc	0	0	0	0	0	0.04547
Mus_musc Mus_musc	0.119282	0	0	0.352383	0.641755	0
Mus_musc Mus_musc	6.082824	5.639679	5.461276	3.412126	3.97268	3.480659
Mus_musc Mus_musc	1.106355	0.852327	1.559593	1.084163	0.829687	1.141312
Mus_musc Mus_musc	0	0	0	0.218357	0	0.387854
Mus_musc Mus_musc	0	0.197385	0	0	0	0
Mus_musc Mus_musc	0.34897	0.159197	0.382457	0.421227	0	0.108613
ENSMUSG Olfr399	0	0	0	0	0	0
ENSMUSG Olfr62	0	0	0	0	0	0
ENSMUSG Ccl8	1.201081	1.972199	1.226853	277.9625	293.1616	299.46274
ENSMUSG 4930558C;	0	0	0	0	0	0.061983
Mus_musc Mus_musc	3.288666	2.71341	3.747498	3.195182	0.970829	2.620787
ENSMUSG Mtmr11	2.069395	1.872902	2.188634	2.07886	2.647429	2.272824
Mus_musc Mus_musc	0	0	0	0	1.477528	1.047774
Mus_musc Mus_musc	0	0	0.288438	0	0.10546	0
ENSMUSG Clec14a	138.9094	124.9312	123.8836	82.42641	95.23193	76.164742
ENSMUSG Ifit2	9.789542	9.825246	11.64117	6.249495	5.79486	5.315277
Mus_musc Mus_musc	2.3349	1.943407	1.053136	2.438793	5.793402	1.328851
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Olfr266	0	0	0	0	0	0
Mus_musc Mus_musc	0.515246	0	0.245772	0.517194	0.350168	0.20274
Mus_musc Mus_musc	0	0	0.341607	0	0.226479	0
Mus_musc Mus_musc	8.778347	7.738002	7.163434	5.637495	6.186362	6.188154
Mus_musc Mus_musc	4.50526	3.64857	3.038914	4.755656	5.032723	4.390351
ENSMUSG Tas2r126	0	0	0.100998	0	0	0

ENSMUSG Wnk4	2.442583	2.299234	1.310527	1.688003	2.128658	2.194745
ENSMUSG Olfr775	0	0	0	0	0	0
ENSMUSG Sprr2a1	0	0.258364	0	4.026698	3.614404	4.435444
ENSMUSG Thop1	6.312672	6.079414	6.615384	5.553739	5.892015	6.262755
ENSMUSG Mrpl52	39.56912	36.20979	38.08362	47.92404	38.7358	42.322092
ENSMUSG Gm11595	0	0	0	0	0	0
ENSMUSG Olfr123	0	0	0	0	0	0
ENSMUSG Lrrc3b	0.458544	0.538917	0.145663	0.269594	0.101525	0.170609
ENSMUSG Dpy19l4	8.895294	9.194468	7.22087	7.472455	8.543386	7.207281
ENSMUSG Olfr835	0	0	0	0	0	0
ENSMUSG Faim	8.17966	7.947003	9.347787	6.843954	8.53719	8.922327
ENSMUSG Pik3cb	10.65526	10.72552	9.821913	8.880561	8.234192	9.158504
ENSMUSG Dbr1	6.969748	6.69734	7.47472	6.154521	5.195175	4.997774
ENSMUSG Armc8	8.480204	7.256922	7.701063	6.502618	5.917528	6.645833
ENSMUSG Rhox6	0	0	0	0	0	0
ENSMUSG 5430419D	0.0802	0.072612	0.04955	0.122721	0.114459	0.050203
ENSMUSG Htra1	14.92304	15.28304	14.12562	10.84037	10.2829	11.912004
Mus_musc Mus_musc	1.663444	1.324029	1.722264	0.453977	1.66549	0.944118
Mus_musc Mus_musc	0.189733	0.321805	0.261063	0	0.307215	0.141854
Mus_musc Mus_musc	0.157948	0.024927	0.02729	0	0	0
Mus_musc Mus_musc	0.14062	0	0	0.095235	0	0.184018
ENSMUSG Qpct	1.649727	1.166067	1.262878	1.624587	2.759844	1.789979
ENSMUSG Man2a1	30.1868	26.65696	28.3819	29.70839	30.82987	27.665901
ENSMUSG Cyp1b1	1.292061	1.532529	0.79503	2.131103	2.139171	1.779333
ENSMUSG Cebpz	11.59608	10.61122	10.46669	9.523267	9.464864	8.978156
ENSMUSG Ndufaf7	7.410504	6.205937	5.597937	7.47134	5.8237	5.420686
ENSMUSG Pja2	33.67512	34.2584	32.63622	23.90718	25.55283	24.055248
ENSMUSG Gm6890	0	0	0	0	0	0
ENSMUSG Gm5936	0.121603	0.148935	0.051635	0.025582	0.014779	0
ENSMUSG Gm6880	0	0	0	0	0	0
ENSMUSG Gm5640	0.097411	0.136753	0.022423	0.043367	0.040469	0.019217
ENSMUSG Ccdc114	3.756233	3.22642	2.191148	3.726127	3.311167	3.199431
ENSMUSG Scamp2	24.19876	21.4435	22.07905	29.17761	28.90912	29.924111
ENSMUSG Arntl2	0.165306	0.193216	0.114435	0.177231	0.088652	0.409205
Mus_musc Mus_musc	0.303383	0.24709	0	0	0.277801	0
Mus_musc Mus_musc	0	0	0	0.499654	0	0
ENSMUSG Ankrd6	0.336915	0.545985	0.329034	0.576449	0.962659	0.605852
ENSMUSG Fmo1	181.903	176.5456	151.6554	101.9892	118.9015	98.88695
Mus_musc Mus_musc	1.045632	0.790789	0.722622	0.909933	1.126121	0.94393
ENSMUSG Minos1	17.24177	17.59874	17.69452	17.58357	17.5593	17.697271
ENSMUSG Obox6	0	0	0	0	0	0
ENSMUSG Kcmf1	21.70136	20.86843	22.89492	18.14843	20.5592	20.339389
ENSMUSG Me2	11.23459	10.95178	11.61181	13.1737	13.45906	13.850244
ENSMUSG Ngfr	0.212859	0.195909	0.211101	0.401257	0.305447	0.422206
ENSMUSG Olfr1008	0	0	0	0	0	0
ENSMUSG Slc14a2	0	0	0.054376	0.011589	0	0.093379
ENSMUSG Galr1	0	0	0	0	0	0
ENSMUSG Fer	8.072709	8.073419	7.801346	5.819598	6.268035	7.501446
ENSMUSG Wnt9a	4.112555	3.878148	3.774129	2.550559	2.269173	2.282011
ENSMUSG Olfr1385	0	0	0	0.004759	0	0
ENSMUSG Lrrc66	0	0	0.047437	0.110515	0.214501	0.090653
ENSMUSG H2-M9	0	0	0	0	0	0
ENSMUSG Ddx27	12.81677	12.00962	12.30429	10.27037	9.960535	12.699087
ENSMUSG Cd7	2.871202	2.729168	5.707961	2.918581	2.258179	3.556933
ENSMUSG Csp1	5.63005	6.278889	5.507504	6.353818	6.235626	5.847334
ENSMUSG Fadd	4.263009	3.491746	3.828917	3.687421	3.311433	3.73219
ENSMUSG Ano1	26.76235	27.66261	20.94645	20.90188	19.57416	24.228379
Mus_musc Mus_musc	0	0	0.132674	0	0.277653	0.094133
Mus_musc Mus_musc	0.238369	0.29454	0	0.419268	0.218742	0.232168
ENSMUSG Fgf3	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.947422	1.801592	1.475724	1.422358	1.210986	1.283074
ENSMUSG Frem1	1.546652	1.408863	1.08735	1.251221	1.204508	1.395288
ENSMUSG Alg9	7.279711	5.837622	6.691725	6.493954	6.62069	6.941171

ENSMUSG Surf2	10.65093	9.866275	11.52181	7.955911	8.836833	8.368419
Mus_musc Mus_musc	0	0	0	0.408611	0	0
ENSMUSG Fam136a	8.967227	9.259575	9.291299	9.796796	10.67094	10.498025
ENSMUSG Cldn34b2	0	0	0	0	0	0.072854
ENSMUSG Nat8f3	4.194871	5.631917	5.186131	3.902026	3.417615	2.928478
ENSMUSG Rps21	158.5174	164.6693	197.6497	194.2391	163.5742	174.87442
ENSMUSG Scly	9.81033	10.01194	11.58792	13.1824	11.51445	12.788713
Mus_musc Mus_musc	0	0	0	0.252423	0.200855	0.253627
ENSMUSG Bmp6	65.75834	59.28885	57.4484	34.68032	33.57379	32.631149
ENSMUSG Mup3	0	0	0	0	0	0
Mus_musc Mus_musc	0.125354	0	0.095464	0.145013	0.405144	0.263304
ENSMUSG 4833427G	4.248969	5.212893	3.072624	4.665708	5.362752	6.087611
ENSMUSG Slc31a1	31.18083	32.19113	27.496	27.56121	27.935	26.045955
ENSMUSG Fkbp15	18.82972	19.20091	17.86211	18.22629	18.40199	18.076908
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Mup21	0	0	0	0	0	0
ENSMUSG Dph6	5.970221	5.154087	5.131178	4.516276	4.048727	4.371437
ENSMUSG Trim12c	15.12712	15.83056	19.99733	16.99243	14.55742	14.070474
ENSMUSG Sqstm1	188.8186	187.7284	186.8629	146.0297	153.8173	154.50601
ENSMUSG Olfr1301	0	0	0	0	0	0
ENSMUSG Prn	0.029729	0.575736	0.224668	0	0	0
ENSMUSG A630089N	1.12418	0.649356	0.612206	1.239903	0.841869	1.537562
ENSMUSG Robo2	6.220386	5.593111	6.244105	4.58459	3.621652	4.284183
ENSMUSG Nav2	10.80443	10.48032	8.288612	8.230219	7.578456	8.440721
ENSMUSG Pld5	0	0.019305	0	0	0	0.032087
ENSMUSG Lrrn1	0.072672	0.066395	0	0.042328	0.014986	0.063619
ENSMUSG Cisd3	3.761865	3.487348	4.375817	5.301472	2.614392	4.953539
Mus_musc Mus_musc	0	0	0	0.148861	0.311306	0
Mus_musc Mus_musc	0.440722	0.448994	0.47002	0.566245	0.284675	0.08323
Mus_musc Mus_musc	3.170001	2.543219	3.260429	2.261812	2.993201	1.807161
Mus_musc Mus_musc	0.250659	0.184902	0.176284	0.702251	0.298165	0.514395
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	4.850452	5.689526	5.543359	6.05298	6.068071	1.035504
Mus_musc Mus_musc	4.078306	4.915271	3.91889	2.511627	3.832905	3.132106
Mus_musc Mus_musc	0.087483	0	0.807423	0.665572	0.169207	0
Mus_musc Mus_musc	0.552621	1.347962	1.247362	1.446556	1.484744	1.368009
Mus_musc Mus_musc	0.167755	0.569793	0.444349	1.129786	0.501657	0.554036
ENSMUSG Gm5862	0	0	0	0	0	0
ENSMUSG Tmem265	0.06684	0.041185	0.03616	0.020126	0.033429	0.054079
ENSMUSG Aldh7a1	16.60226	16.71679	14.69961	11.40325	12.01696	12.537171
ENSMUSG Mrgpra3	0	0	0	0	0	0
ENSMUSG Plxnb1	14.46035	14.84928	13.44439	10.73296	10.69195	11.578781
ENSMUSG Gper1	0.995447	1.344382	0.975395	0.659231	0.565522	0.63859
ENSMUSG Dennd4a	6.125569	6.100038	6.289466	6.369671	6.035996	6.534387
ENSMUSG Clgn	0	0.027208	0.022903	0.138517	0.087796	0.101938
ENSMUSG Naca	184.7442	185.3485	181.3861	192.9099	194.2001	201.21403
ENSMUSG Ddhd2	7.826401	8.237686	6.650374	7.581237	6.5112	6.775003
ENSMUSG Rag1	0	0	0	0	0	0
ENSMUSG Gm49321	0	0	0	0	0	0
ENSMUSG Stk16	17.81376	17.71388	20.6227	21.04329	17.71734	17.496757
ENSMUSG Olfr1215	0	0	0	0	0	0
ENSMUSG H2a2a	0	0	0	0	0	0
Mus_musc Mus_musc	0.59756	0.618056	0.688447	0.594325	1.17552	0.76612
ENSMUSG Mpst	24.51672	24.01271	22.09271	23.29927	22.99336	24.875481
ENSMUSG Rdh16f1	0.142095	0.087698	0.083674	0.106145	0.258959	0.07053
Mus_musc Mus_musc	0.090728	0	0	0.492843	0	0
ENSMUSG Olfr1080	0	0	0	0	0	0
ENSMUSG Apol7e	0.02488	0.074149	0.1105	0.246365	0.134712	0.27532
ENSMUSG Vmn2r110	0	0	0	0	0	0
ENSMUSG Cd200r3	0	0.14137	0.252285	0.418289	0.303413	0.264607
ENSMUSG Rmnd5a	25.07934	27.33507	22.71191	23.33705	25.59425	22.036265
ENSMUSG Krtap6-5	0	0	0	0	0	0
ENSMUSG Mov10	5.574834	5.22599	6.998087	6.573064	4.374967	5.42731
ENSMUSG Ppm1j	1.064983	0.775761	1.305746	1.643042	1.078335	0.8656

ENSMUSG Ncf4	8.199592	8.417726	14.48738	25.56279	24.57501	28.788341
ENSMUSG Speer4e	0	0	0	0.073276	0.082224	0
ENSMUSG Sco2	1.394686	1.389799	0.83201	1.391464	1.113238	1.896417
ENSMUSG Scaf1	25.43882	23.06078	25.80212	20.84252	21.32675	21.661141
ENSMUSG Pmepa1	6.996557	7.561223	9.415483	11.9863	9.610665	12.337342
ENSMUSG Hfe2	0.055633	0.885604	0.151716	0.294746	0.270557	0.440939
ENSMUSG Foxf2	13.52792	11.4595	15.43739	8.564901	9.659572	7.181159
ENSMUSG H2a1n	0	0	0	0	0	0
ENSMUSG Sf3b5	10.08825	10.44068	11.24299	10.79235	10.11619	11.20611
ENSMUSG AW011738	5.806793	3.978557	5.517667	4.376299	3.235597	3.723791
ENSMUSG Gm10190	0	0	0	0	0	0
ENSMUSG Gm10188	0	0	0	0	0	0
ENSMUSG Olfr381	0	0	0	0	0	0
ENSMUSG Olfr380	0	0	0	0	0	0
ENSMUSG Fars2	6.894827	7.69741	7.05874	8.267798	7.806537	8.518997
ENSMUSG Smim1011	39.80375	38.12518	40.85197	31.04461	29.73325	29.2739
ENSMUSG Olfr31	0	0	0.017688	0	0	0
ENSMUSG Naglu	8.160013	6.775486	7.707881	14.02045	15.17481	17.06584
ENSMUSG Tcirg1	19.69293	18.46001	25.29675	39.23467	33.81405	38.819001
ENSMUSG Arrb2	17.91929	18.04661	24.61538	25.50413	24.07247	24.983796
ENSMUSG Coasy	10.58041	10.20638	9.421861	11.52305	10.2215	10.790668
ENSMUSG Fah	9.776626	10.2971	11.11094	9.939451	9.763362	9.831653
ENSMUSG Sh3gl3	0.213034	0.054716	0.207811	0.201434	0.080067	0.158912
ENSMUSG Dvl2	7.411991	6.761932	7.304353	5.433953	6.091746	6.338795
ENSMUSG Nr1d1	30.60236	17.24144	19.50301	7.564427	7.273116	6.758525
ENSMUSG Aqp4	2.250773	2.707466	1.221493	2.141283	2.126568	2.11226
ENSMUSG Cacnb1	2.484694	2.714218	2.865434	2.461923	3.049002	2.334954
ENSMUSG Fbxl20	9.692344	10.21953	9.581014	8.818112	8.769975	8.630029
ENSMUSG Asgr1	1.174849	0.714901	0.600963	0.183196	0.115041	0.103499
ENSMUSG Dlg4	6.448117	7.291684	8.284749	6.814977	5.705191	5.134987
ENSMUSG Thap3	13.064	16.6387	14.92928	11.25485	13.71599	11.615696
ENSMUSG Syt10	0.335093	0.426546	0.123337	0.433484	0.494608	0.634819
ENSMUSG Fbxl5	39.10254	38.10841	36.8198	31.21993	31.6586	31.786289
ENSMUSG Dnttip2	17.99946	19.00212	18.30648	15.39094	17.20229	16.480764
ENSMUSG Parp10	10.40556	8.675205	16.35203	12.3066	8.489745	9.222191
ENSMUSG Alkbh4	4.624987	4.772144	5.10883	4.85289	4.367463	4.342387
ENSMUSG Rbpms	53.98601	50.03274	50.18507	33.87218	35.83145	31.925586
ENSMUSG Gtf2e2	9.262017	10.33863	9.20863	9.041196	9.156166	9.384175
ENSMUSG Cstl1	0	0.161008	0	0.317752	0	0.080237
ENSMUSG Wrn	4.820525	4.941463	4.77698	5.319541	4.644165	4.777306
ENSMUSG C1ra	22.99946	30.72322	26.15631	29.56437	30.13699	36.160408
ENSMUSG Magohb	6.388305	5.077259	9.208473	6.014314	3.546473	5.691154
ENSMUSG Ybx3	42.02528	44.66432	43.84649	36.11117	35.87369	37.028688
ENSMUSG Zfp605	2.791251	2.507535	2.735457	3.441252	2.962521	2.849818
ENSMUSG Bmt2	6.043945	6.566793	6.027757	6.234014	6.049011	6.292123
ENSMUSG Kdm5a	8.289511	7.891569	7.481096	7.423401	7.55369	7.324794
ENSMUSG AC164314	0	0	0	0	0	0
ENSMUSG Sva	0	0	0	0	0	0
ENSMUSG Klra2	2.675293	2.06795	4.550665	3.372373	2.206892	1.854251
ENSMUSG Cdc37	18.09369	20.78509	21.34163	22.1825	31.46897	20.817433
ENSMUSG Xab2	21.34476	20.46553	22.0505	17.14541	17.27438	17.216083
ENSMUSG Rab4a	8.216404	8.798678	8.659937	6.584031	6.610303	6.881358
ENSMUSG Srp54a	4.750936	6.17888	4.620827	4.093485	5.116276	10.881537
ENSMUSG P2ry6	4.589861	4.875385	5.782982	17.36442	19.66246	19.760836
ENSMUSG Smad6	105.3932	79.73607	103.7523	50.47822	54.13639	55.907291
ENSMUSG Olfr964-ps	0	0	0	0	0	0
ENSMUSG Snurf	0.040856	0.03471	0.044462	0.040658	0	0.051174
ENSMUSG Tmem53	3.848657	3.648321	3.117673	3.629778	3.107411	3.388953
ENSMUSG Serpinb13	0	0	0	0	0	0
ENSMUSG Pthlh	0.279173	0.500855	0.551493	0.537681	0.583354	0.604954
ENSMUSG Tmem14a	5.063912	5.489465	5.170455	3.104	3.315438	3.237857
ENSMUSG Eya1	1.650616	1.936228	1.1385	1.82301	2.314389	1.801039
ENSMUSG Paqr8	7.257025	7.001164	6.579381	7.363854	6.789472	7.692937
ENSMUSG Msc	0.314908	0.364296	0.236569	0.810672	0.869623	0.844397

ENSMUSG Lactb2	10.39805	10.6751	9.243328	8.159379	7.540289	7.720187
ENSMUSG Tram1	43.01441	41.72632	40.0638	47.4452	51.2039	49.286233
ENSMUSG Gsta3	132.6908	151.3108	138.5815	67.63846	71.07398	65.60324
ENSMUSG Ube2w	13.69642	14.18158	13.23377	11.84335	11.54949	12.198208
ENSMUSG Slco5a1	0.214151	0.288332	0.299782	0.259748	0.21614	0.20975
ENSMUSG Olfr376	0	0	0	0	0	0
ENSMUSG Uqcrh	82.80848	85.81614	92.01585	109.5504	101.1989	107.4759
ENSMUSG Glcci1	7.984992	8.768881	9.122651	8.518098	8.63932	8.559378
ENSMUSG Ptcd3	8.349604	8.240237	7.486474	7.490931	7.362563	7.289288
ENSMUSG Nlgn1	0.028363	0.018611	0.009715	0.038875	0.00351	0.05521
ENSMUSG Kif21a	4.09955	5.754968	3.165245	5.010129	4.438089	4.632198
ENSMUSG Crem	9.706761	9.2377	8.01096	11.0251	8.675992	9.75835
ENSMUSG Cdk8	8.733091	8.685767	8.766717	8.918058	9.027051	10.560112
ENSMUSG Wasf3	3.965035	3.914202	3.832682	2.774077	3.121384	3.117182
ENSMUSG Acr	0.146275	0.129378	0.069192	0.053686	0.091112	0
ENSMUSG Shank3	28.4059	24.03489	25.54438	15.32241	16.8607	14.757273
ENSMUSG Ndufa4	101.2702	109.3118	110.8743	110.2978	108.726	97.78799
ENSMUSG Rabl2	7.946972	8.565138	7.169127	7.063498	8.952788	8.29677
Mus_musc Mus_musc	0.358155	0	0	0	0.137948	0
Mus_musc Mus_musc	0.27193	0.249082	0.145658	0.056635	0.129607	0.335258
Mus_musc Mus_musc	0	0	0.130746	0.149024	0.633562	0.257175
Mus_musc Mus_musc	0.083294	0.145976	0.157532	1.213969	1.150643	1.441945
Mus_musc Mus_musc	0	0	0	0.187496	0.186692	0
Mus_musc Mus_musc	0	0	0	0.247352	0.078868	0.495987
Mus_musc Mus_musc	0.519203	0.233043	0	0.084753	0.159949	0.075389
ENSMUSG Hist1h2bp	0.081387	0.05692	0	0.07866	0.091953	0.169263
ENSMUSG Hist1h2an	0.140186	0.044173	0.051584	0.042508	0	0.012185
ENSMUSG Hist1h2bj	4.576431	4.557749	4.954282	5.869322	3.455421	4.343893
ENSMUSG Hist1h2ag	0	0	0	0.040903	0.11548	0
ENSMUSG Hist1h2ah	0	0.014288	0.088764	0.256513	0.451288	0.102326
ENSMUSG Hist1h2br	9.088956	6.069345	12.86554	11.77756	10.77897	7.1485
ENSMUSG Hist1h4n	2.559633	1.207021	1.093174	2.380379	2.271351	1.982358
ENSMUSG Hist1h4m	1.007746	0.952533	0.574257	1.27352	0.546842	0.654503
ENSMUSG Hist1h2bq	5.049053	3.236155	2.935629	2.23426	1.543545	3.743615
Mus_musc Mus_musc	0	0.154507	0	0	0	0
Mus_musc Mus_musc	0.110041	0.157719	0.097266	0.224331	0.037126	0.183256
ENSMUSG Spag4	0.190585	0.190243	0.002179	0.065942	0.104056	0.061145
ENSMUSG Chpf2	10.11854	7.776862	10.84885	11.22806	10.48212	10.156683
ENSMUSG Gm45785	0	0	0	0	0	0.011123
ENSMUSG Ttc7	15.53172	15.24181	15.78246	17.9379	18.72055	20.03827
ENSMUSG Btbd10	7.374837	8.610708	8.388864	7.737982	7.487017	7.454965
ENSMUSG Scarf1	16.23625	14.79209	15.34332	10.73983	10.8121	9.907725
ENSMUSG Zfp280c	2.289705	2.773413	2.285066	2.48353	2.204463	2.257047
ENSMUSG Gm45783	0	0	0	0	0	0
ENSMUSG Trim67	0.162039	0.106153	0.221845	0.042685	0.041976	0.050022
ENSMUSG Piwil4	0.980913	0.894392	1.02905	0.931024	0.965557	0.940052
ENSMUSG Sp140	8.228153	6.534927	11.41573	15.16109	13.11612	13.9986
ENSMUSG Tcam1	0	0.077089	0	0.014869	0.018877	0.073968
ENSMUSG Gh	0.047989	0	0	0	0	0
ENSMUSG Sp110	11.86311	8.903248	15.93134	16.54898	12.00999	13.222343
ENSMUSG Ern1	10.84303	11.38789	9.758774	11.26612	12.51981	11.689236
ENSMUSG Nf1	6.126538	5.758322	5.315734	4.549448	4.47268	4.579442
ENSMUSG Pecam1	294.3071	291.7121	306.9068	212.4281	236.6995	218.34882
ENSMUSG Polg2	2.754913	1.828283	1.94832	2.327937	2.699695	2.556738
ENSMUSG Ddx5	355.7984	330.6525	342.7302	301.9864	262.4312	273.21666
ENSMUSG Rcbtb1	9.812846	10.48586	9.497443	10.80069	10.24987	10.488399
ENSMUSG Nfxl1	5.204469	4.867333	5.031093	5.492371	5.582865	5.376819
ENSMUSG Samt2	0	0	0	0	0	0
ENSMUSG Irgm2	16.3599	12.24617	97.64782	49.91361	9.587407	13.016965
ENSMUSG 4930438A	0.080675	0	0.071352	0	0	0.019624
ENSMUSG Ube2j1	18.49714	19.25629	19.37507	29.12087	31.01953	29.187188
ENSMUSG Rngtt	4.652545	5.040051	4.344413	4.269717	4.943294	4.247183
ENSMUSG Pdlim5	21.06237	23.43891	22.93463	16.63553	17.8257	18.205649
ENSMUSG Gtf2b	26.68069	25.28964	29.74588	27.50553	25.27274	25.583849

ENSMUSG Gbp2	22.76839	20.55006	82.16307	48.83515	18.57003	21.027319
ENSMUSG Acs1	20.47079	25.47742	14.89468	19.23357	18.36655	18.050628
ENSMUSG Rragd	1.650269	2.610008	1.798118	3.435724	3.146333	3.839334
ENSMUSG Zfp651	6.153217	6.513102	5.522397	4.527623	4.726067	4.230543
ENSMUSG B4galnt2	0	0.048479	0	0.10732	0	0
ENSMUSG Zfp622	12.98786	11.86017	10.84618	11.11138	12.92002	12.923091
ENSMUSG Igf2bp1	0.308216	0.208717	0.243849	0.176052	0.256262	0.183291
ENSMUSG Hinfp	4.284996	3.551749	4.139436	3.85296	3.322823	4.224218
ENSMUSG Fez1	0.077875	0.495729	0.082867	0.211167	0.435025	0.387451
ENSMUSG Acrv1	0	0	0	0	0	0
ENSMUSG Chek1	0.335555	0.20328	0.235358	0.306327	0.603761	0.866776
ENSMUSG Trappc4	23.13957	23.64266	25.57706	24.23602	23.3437	22.455723
ENSMUSG Hyou1	27.39433	28.12456	31.44178	41.77669	46.92805	45.898139
ENSMUSG Slc37a4	6.220886	6.638276	6.387722	6.674205	6.008413	7.321016
ENSMUSG Stt3a	23.40419	22.50526	23.99408	25.36896	28.11562	28.026173
ENSMUSG Egr4	0	0	0	0.024346	0	0
ENSMUSG Trappc3l	0	0	0	0	0	0
ENSMUSG Lsmem1	0	0.08682	0	0.031297	0	0
ENSMUSG C1qtnf9	0.284369	0.864392	0.331481	0.454563	0.485322	0.415895
ENSMUSG Gm10770	0	0	0	0	0	0
ENSMUSG Rfk	49.38007	44.85837	39.07006	53.9218	61.89152	59.225376
ENSMUSG Pcsk5	3.978566	3.684393	3.770923	4.531703	4.481429	5.996902
ENSMUSG 0610040J0	5.70814	7.780601	5.0231	7.366724	7.081367	8.361225
ENSMUSG Zfp266	11.43954	14.22288	11.54163	9.245858	9.328296	9.9207
ENSMUSG Tor3a	27.1856	27.1722	29.04981	30.11206	28.8952	30.124938
ENSMUSG Serpinc1	0.011522	0.054759	0	0.020615	0	0
ENSMUSG Mrc1	22.47399	21.35801	23.36936	37.11693	43.61342	43.177391
ENSMUSG Stam	8.541825	9.867762	8.589961	7.816025	8.271064	8.65668
ENSMUSG Gys1	7.999476	8.004488	6.286062	7.755524	8.618577	8.137948
ENSMUSG Ppfia3	0.098689	0.079159	0.150357	0.203486	0.373345	0.302498
ENSMUSG Ruvbl2	21.59389	24.04754	20.97704	22.62027	21.46233	22.788659
ENSMUSG Arhgef38	5.300415	6.015742	3.919372	4.833703	4.51683	4.842156
ENSMUSG Sfta2	20.40006	26.49079	29.57249	26.913	19.8708	25.849875
ENSMUSG Gzmd	0	0	0	0	0	0
ENSMUSG Olfr345	0	0	0	0	0	0
ENSMUSG Asgr2	0.729666	0.325027	0.629358	0.143978	0.138557	0.114697
ENSMUSG Dennd2c	1.934404	2.284045	1.926745	1.361729	1.445544	1.266827
ENSMUSG Arhgef10l	5.107513	5.443515	6.74359	6.60275	5.421202	6.154899
ENSMUSG Slc22a2	0	0.10053	0.017779	0	0.060133	0
ENSMUSG 6720489N	1.088643	1.577052	1.206795	0.921385	1.243608	0.775933
ENSMUSG Gm15294	0	0	0	0	0	0
ENSMUSG 7-Mar	16.11512	15.39432	13.55164	15.54712	13.18097	12.188414
ENSMUSG C330007Pi	18.80704	19.37678	17.40278	15.2998	16.03536	15.027657
ENSMUSG Hck	20.43294	16.82219	24.17607	17.98338	13.90986	17.164267
ENSMUSG Plag1	0.270152	0.390298	0.301141	0.339518	0.336663	0.285233
ENSMUSG Pcdhga3	0.535536	0.397236	0.373898	0.354477	0.363864	0.227981
Mus_musc Mus_musc	0.11303	0.313061	0.184833	0.315038	0.538445	0.618654
Mus_musc Mus_musc	0	0	0	0.124197	0	0
Mus_musc Mus_musc	0.480045	0.892837	0.436415	0.421051	0.821427	0.308333
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.23284	0	0	0	0	0.16457
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.218508	0	0.272587	0.065502	0	0
Mus_musc Mus_musc	0.287669	0	0	0	0	0
Mus_musc Mus_musc	0.950897	2.097625	0.957677	1.041569	0.999984	1.02237
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gm28891	0	0	0	0	0	0
Mus_musc Mus_musc	0.432079	0.508551	0	0	0	0.2564
Mus_musc Mus_musc	0.339999	0	0	0	0	0
ENSMUSG Pafah1b2	16.52062	15.86902	14.87854	13.2668	12.69922	13.657499
ENSMUSG Gm20873	0	0	0	0	0	0
ENSMUSG Cnot11	8.294248	7.051265	6.063826	6.172928	6.672259	7.249613
ENSMUSG Tbc1d8	10.71424	10.56713	9.947802	9.668364	10.30998	10.216451

ENSMUSG Olfr1009	0	0	0	0	0	0
ENSMUSG Arfgef2	14.25819	13.62372	13.16657	12.82373	13.94464	14.205002
Mus_musc Mus_musc	3.382957	4.579618	3.979963	3.019313	3.198552	4.01217
Mus_musc Mus_musc	0.97878	0.799587	0.523819	0.550037	0.494846	0.250199
Mus_musc Mus_musc	0.317732	0.14023	0.406233	1.09459	0.683403	0.702139
Mus_musc Mus_musc	0	0	0.758787	0.210048	0	0.525911
Mus_musc Mus_musc	0.868409	1.070344	0.807297	0.999911	1.042767	1.235442
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.044088	0	0	0	0.151609
Mus_musc Mus_musc	0.559596	0.201931	0	0.491658	0.483256	0.393048
Mus_musc Mus_musc	0.366902	0.234431	0.446381	0.393767	0.54428	0.3875
Mus_musc Mus_musc	0.5191	0.533962	0.610417	0.984833	0.743272	0.529778
ENSMUSG Caskin2	55.07876	49.56528	54.90682	31.29279	30.40891	31.600726
ENSMUSG Rasd2	0.945377	0.976377	0.846364	0.723313	0.766435	0.819924
ENSMUSG Sec22a	4.33582	4.344615	4.300612	3.826488	3.600084	3.718237
ENSMUSG Fbxw18	0	0	0	0	0	0
ENSMUSG Tyrp1	0	0	0	0	0	0
ENSMUSG Sox18	140.4813	97.24894	109.0818	92.56005	84.82977	84.930214
Mus_musc Mus_musc	0	0.013127	0.070729	0	0	0.194172
ENSMUSG Krtap4-16	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.203888	0
Mus_musc Mus_musc	0	0	0.201633	0.119987	0	0
ENSMUSG Syn2	2.304933	1.600689	2.03357	1.857775	1.290188	2.087274
Mus_musc Mus_musc	0.113317	0.122085	0.085574	0.10277	0.103052	0.110636
Mus_musc Mus_musc	1.260202	1.468424	1.465672	1.699226	1.648106	1.587352
ENSMUSG Il17re	8.0142	8.113028	7.370596	6.274202	5.533587	6.643386
ENSMUSG Mier2	6.488595	5.385961	5.944477	6.413745	7.13765	6.117974
ENSMUSG Ube2q1	29.56864	29.55733	29.86759	28.07323	27.52477	27.259943
ENSMUSG Spata25	0.155975	0	0.078665	0.266559	0.140851	0.10545
ENSMUSG Slc12a4	24.65907	19.76391	24.49408	17.42753	17.90813	19.051144
ENSMUSG Zswim1	4.01991	3.393207	4.063046	3.696155	3.224222	3.534674
ENSMUSG Hlhf	8.833337	9.781608	8.99584	9.748476	9.380506	9.257568
ENSMUSG Ctsa	51.59221	45.00062	47.76523	69.54905	76.44493	83.115005
ENSMUSG Gzmc	0	0.079129	0	0.231243	0	0
ENSMUSG Mphosph8	10.83366	11.4438	11.52968	10.21529	8.931345	10.050716
ENSMUSG C030005K	0	0	0	0	0	0
ENSMUSG Mptx2	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.253072	0.076858
Mus_musc Mus_musc	0	0.197454	0	0.072983	0.067113	0
Mus_musc Mus_musc	1.264657	1.161864	0.847577	1.063072	0.864566	1.17711
Mus_musc Mus_musc	0	0	0	0.211251	0	0
Mus_musc Mus_musc	24.19841	19.11349	23.13113	11.1109	10.19064	10.67107
Mus_musc Mus_musc	0.124611	0.044724	0.152329	0	0.33573	0
ENSMUSG Ankhd1	19.40309	17.99029	18.07071	17.53172	17.2316	18.139268
Mus_musc Mus_musc	0.118592	0.226342	0	0	0.063909	0.766933
ENSMUSG E430018J2	2.01299	1.652942	2.006581	1.811082	2.008556	2.166111
ENSMUSG AU022252	2.97599	3.365338	3.056537	2.698147	2.861809	2.724017
ENSMUSG Alg8	2.024173	2.181293	2.482881	2.351949	2.536232	2.452414
ENSMUSG Ccdc24	1.369761	1.241361	1.063882	1.694578	1.928628	1.767026
ENSMUSG Fbxo10	4.61531	4.250496	4.276982	3.759725	4.449521	3.762148
ENSMUSG Vmn1r64	0	0	0	0	0	0
ENSMUSG Prss43	0	0	0	0	0	0
ENSMUSG Rrp1b	4.287114	4.772675	3.838723	3.404055	3.551767	3.395581
ENSMUSG Gpr182	25.05508	18.22687	25.42497	12.60306	15.25962	10.77198
ENSMUSG Fut9	0.015806	0.05724	0.040264	0.195141	0.133057	0.123044
ENSMUSG Stam2	10.31286	9.703887	8.608742	8.133963	8.72463	8.41968
ENSMUSG Krt71	0	0	0	0	0	0
Mus_musc Mus_musc	1.414301	0.823433	1.146511	0.58601	1.674571	1.389414
Mus_musc Mus_musc	0	0	0	0.144282	0	0
ENSMUSG Vmn2r72	0	0	0	0	0	0
ENSMUSG Piezo1	26.18254	24.08744	24.08043	21.72203	21.11244	23.804541
ENSMUSG Speer4f1	0.079045	0.106886	0.1341	0.124139	0	0.037101
ENSMUSG Capza3	0	0	0	0	0	0
ENSMUSG Myrip	10.41959	6.627482	9.203629	3.114059	3.266013	2.943714

ENSMUSG Olfr807	0	0	0	0	0	0
ENSMUSG Gck	0.258155	0.323218	0.283088	0.923875	0.479978	0.755802
ENSMUSG Gm7714	0	0	0	0	0	0
ENSMUSG Vmn2r99	0	0	0	0	0	0
ENSMUSG Slc35d3	0.240223	0.273122	0.195529	0.162834	0.128058	0.219343
ENSMUSG Fam118b	11.9549	12.26747	13.11821	11.04427	12.0851	13.088486
ENSMUSG Gpr34	1.49817	1.155856	1.362937	3.601696	3.14739	2.830441
ENSMUSG Gas8	9.532464	8.801775	7.965069	7.575393	7.008322	7.381591
ENSMUSG Prrc2c	24.73231	22.1279	20.63032	20.37292	21.33814	21.864561
Mus_musc Mus_musc	0	0.199199	0.14398	0.212379	0.2427	0.472186
Mus_musc Mus_musc	0.314321	0.203443	0.082157	0.828092	0.090095	0.095988
Mus_musc Mus_musc	0	0	0.297861	0	0.288525	0
Mus_musc Mus_musc	0	0	0	0.202822	0.693005	0
Mus_musc Mus_musc	0	0.06085	0	0.194868	0.095583	0
Mus_musc Mus_musc	0.401648	0.659231	0.642176	0.051115	0.176612	0.216807
Mus_musc Mus_musc	0	0.202086	0	0.201457	0	0.212523
Mus_musc Mus_musc	0.316619	0.509121	0.331566	0.549594	0.50151	0.289307
Mus_musc Mus_musc	0.792894	0.240419	0.148134	0	0	0.026312
ENSMUSG 5031410I0	0	0	0	0	0	0
ENSMUSG Tmem136	1.012923	1.145492	0.988576	1.030411	0.833347	0.672125
ENSMUSG Olfr1263	0	0	0	0	0	0
ENSMUSG Gm10061	0	0	0	0	0	0
ENSMUSG Lrrc74a	0	0	0	0	0	0
ENSMUSG Nap114	44.84611	46.38817	49.1656	41.5193	38.8811	40.473888
ENSMUSG Pgm3	6.52117	6.485684	5.470984	6.878335	6.846053	7.186556
ENSMUSG Ticam2	2.144603	2.094451	2.106576	4.626301	4.963384	5.269852
ENSMUSG Unc93a2	0	0	0	0	0	0
ENSMUSG Oog4	0	0	0	0	0	0
ENSMUSG Cd300lf	7.751837	4.740363	9.112581	10.59122	10.24095	11.184157
ENSMUSG Sned1	4.563027	4.84285	4.142533	3.746599	3.173851	3.476308
ENSMUSG Gjb1	0.563013	0.830292	0.430168	3.248694	3.391888	3.872148
ENSMUSG Olfr685	0	0	0	0	0	0
ENSMUSG Zfp595	2.079635	2.520548	2.577243	2.31086	2.296316	1.871317
ENSMUSG Rpl32	285.9427	308.0961	316.6362	400.3083	347.885	379.46922
ENSMUSG Slamf6	1.841776	1.082277	1.465088	4.679694	3.826318	4.569903
ENSMUSG Slamf1	0.830676	1.207428	1.755386	1.359917	1.258111	1.44025
ENSMUSG Zfp763	3.958539	4.043589	3.309254	2.748505	3.233992	2.508598
ENSMUSG Gadd45b	40.04912	44.43615	43.18335	36.64529	36.16214	35.82045
ENSMUSG Vmn1r202	0	0	0	0	0	0
ENSMUSG Gm15097	0	0	0	0	0	0
ENSMUSG Gm3373	0.065213	0.035519	0.073242	0.023837	0.10958	0.03256
ENSMUSG Gm28048	0.675682	0	0	0	0	0
ENSMUSG C2cd3	6.017469	6.409683	4.541113	6.300125	6.167976	5.894815
ENSMUSG Hist1h2be	1.946923	2.178652	1.258795	1.330965	1.303184	1.473218
ENSMUSG Gm8720	0	0	0	0	0	0
ENSMUSG Taf9b	10.49755	10.40667	10.18057	9.38795	7.937899	8.993052
ENSMUSG Chaf1a	1.84966	1.91851	1.830141	2.766713	2.904776	3.236204
ENSMUSG Bbof1	2.411287	2.521635	1.227737	3.178145	2.289259	1.800589
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0.236267	0.500892	0.277613	0.115502	0
Mus_musc Mus_musc	0	0	0	0	0.150324	0
Mus_musc Mus_musc	0	0.234566	0.110214	0.102469	0.016224	0
ENSMUSG Tmed5	15.41898	14.9899	16.37431	18.40767	16.7991	17.822479
ENSMUSG Lrrc43	1.557279	1.404783	0.973736	1.631916	1.694174	2.12052
ENSMUSG Olfr521	0	0	0	0	0	0
ENSMUSG Kcnt2	0.078817	0.140104	0.017098	0.091065	0.115691	0.147429
ENSMUSG Gm10604	0.066131	0.05816	0.143982	0.128523	0	0.120919
ENSMUSG 1700020D	0.280113	0.213101	0.4393	0.496994	0.409269	0.209262
ENSMUSG Tenm1	0.004117	0	0.015741	0	0	0.00429
ENSMUSG Gm28998	0	0	0	0	0	0
ENSMUSG Set	35.51726	34.80717	35.1824	35.83787	37.05434	36.605733
ENSMUSG Mtnr1a	0	0	0	0.033125	0	0
ENSMUSG Defb42	0	0	0	0	0	0
ENSMUSG Rab3ip	15.71476	16.75144	15.36393	12.34621	12.61725	13.430257

ENSMUSG Cyp3a59	0	0	0	0	0	0
ENSMUSG Cyth3	89.25938	90.29754	95.18189	52.37775	57.06856	49.029428
ENSMUSG Vmn1r210	0	0	0	0	0	0
ENSMUSG Olfr1261	0	0	0	0	0	0
ENSMUSG Agbl4	0.090235	0.048029	0.026605	0.116434	0.072809	0.048863
ENSMUSG Cyth4	14.66896	14.17392	17.68764	35.32451	30.62826	35.663509
ENSMUSG Clip3	3.113735	2.744553	2.510581	2.052672	2.68266	2.577434
ENSMUSG Jak1	52.95453	50.36635	51.72571	47.42505	48.99587	49.127552
ENSMUSG AI413582	7.570367	8.192631	9.310984	10.57765	12.57036	12.983028
ENSMUSG Prss1	0	0	0	0	0	0
ENSMUSG Olfr1206	0	0	0	0	0	0
ENSMUSG Obox8	0	0	0	0	0	0
ENSMUSG Gsdma	0	0	0	0	0	0
ENSMUSG Cyp4f39	1.819166	2.415538	2.870277	2.988148	2.179245	2.374839
ENSMUSG 2610528J1	6.68722	7.31165	7.707418	6.980579	6.42662	6.808889
ENSMUSG Rnf14	31.28821	32.66099	31.26694	27.23593	27.87012	26.099004
ENSMUSG Rhox4e	0	0	0	0	0	0
ENSMUSG Rhox4b	0	0	0	0	0	0
ENSMUSG Kng2	0	0	0	0.022757	0.146326	0.070977
ENSMUSG H2al1m	0.104032	0.358805	0	0.015287	0.036757	0.16112
ENSMUSG Fam20b	23.70248	24.35452	23.02805	21.18984	22.46115	20.924422
ENSMUSG Dph5	3.813568	5.055459	2.325135	3.912274	2.411975	4.885248
ENSMUSG Cab39	54.62351	55.19729	50.47424	46.50966	45.17703	44.923872
ENSMUSG Gm17509	0.016957	0.107164	0.050087	0.039778	0.046428	0
ENSMUSG Olfr451-ps	0	0	0	0	0	0
ENSMUSG Tdrd5	0.585634	1.147774	1.063237	0.653101	0.765664	0.664899
ENSMUSG Fut4	2.099315	2.485273	2.500371	3.353292	3.387362	3.454374
ENSMUSG Ccdc71	14.47453	14.35038	13.61286	14.13669	11.34033	13.080504
ENSMUSG Hist1h4h	1.735353	3.018059	3.746968	2.832015	2.346893	2.614661
ENSMUSG Syt12	0.238	0.285651	0.195213	0.421118	0.367129	0.404942
ENSMUSG Prmt6	5.403332	5.992717	5.367562	6.035123	5.135385	5.504892
ENSMUSG Galnt13	0.470511	0.577486	1.394716	0.218994	0.257954	0.166824
ENSMUSG Scd1	90.97181	131.6655	92.52505	271.9065	224.1163	296.607
ENSMUSG Rbmxl1	21.18079	22.28257	21.53812	22.42944	22.72781	22.384679
ENSMUSG Gm26727	0	0	0	0	0	0
ENSMUSG Selenof	212.349	207.1108	214.0828	187.3629	185.7973	183.29194
ENSMUSG Rnf139	9.858123	10.45882	10.2834	8.729525	8.943659	8.516026
ENSMUSG Ldhd	2.472783	2.327232	1.629829	2.289005	2.307987	2.761092
ENSMUSG Wdr59	5.507239	5.622003	5.238442	3.95155	4.495695	3.977733
ENSMUSG Ii3	0	0	0	0	0	0
ENSMUSG Csf2	0.971713	2.017787	2.563606	1.930332	1.374989	2.589662
ENSMUSG Tm4sf5	0.141964	0.318494	0	0.600356	0.771039	0.460097
ENSMUSG Tmem231	3.781738	3.966919	3.582194	4.558138	4.281536	3.344197
ENSMUSG Chst5	0.71938	0.644818	1.0802	0.629473	0.406069	0.389307
ENSMUSG Tmem170	4.479008	4.560718	4.27716	3.741684	3.975613	3.820749
ENSMUSG Cfdp1	33.96888	35.4582	39.60972	34.42625	35.04956	31.173992
ENSMUSG Bcar1	19.29894	14.49426	18.33961	10.9444	10.89928	11.465481
ENSMUSG Ctrb1	0	0	0	0.059459	0	0
ENSMUSG Hhla1	0	0	0	0	0	0
ENSMUSG Ckm	0.875457	6.948419	0.518884	2.919435	2.088203	1.56572
ENSMUSG Zik1	0.996043	0.692389	1.006717	0.845174	0.605294	0.647086
ENSMUSG Mark4	15.57171	13.699	13.63367	9.873035	9.759935	9.148931
ENSMUSG Olfr107	0	0	0	0	0	0
ENSMUSG Iltifb	0	0	0	0	0	0
ENSMUSG Rrm2b	14.32502	13.70343	11.63547	10.83377	10.1674	9.537469
ENSMUSG Fzd6	13.40448	13.87685	12.02588	10.23695	10.99275	11.011446
ENSMUSG Baalc	0.047352	0.10151	0.012788	0.039519	0.034908	0.052286
ENSMUSG Atp6v1c1	21.59476	24.85056	24.75051	27.89939	28.62456	30.795948
ENSMUSG Slc25a32	5.607476	6.123417	5.085493	4.958989	5.038555	4.63552
ENSMUSG Nup35	9.202384	10.26666	10.41413	7.43174	7.956699	8.514273
ENSMUSG Galnt3	3.320606	3.810188	2.968363	3.402878	3.39016	3.808341
ENSMUSG Pkp4	39.59669	41.54589	37.37657	26.49871	27.40669	23.688238
ENSMUSG Olfr1502	0	0	0	0	0	0
ENSMUSG Jakmip3	0.016348	0.027854	0.015247	0	0	0

ENSMUSG Pou3f4	0	0	0	0	0	0
ENSMUSG Olfr765	0	0	0	0	0	0
ENSMUSG Pcbp2	164.5936	140.8616	141.7265	132.0161	133.4487	137.02722
ENSMUSG Wdr63	2.590376	3.324087	1.700798	3.45679	3.921627	3.844758
ENSMUSG Cfap70	1.748323	2.031497	1.143203	2.246734	2.016694	2.607946
ENSMUSG Ncam1	0.239731	0.246793	0.211251	0.16188	0.12614	0.369677
ENSMUSG 4921524L2	0	0	0	0	0	0
ENSMUSG Trpv3	0.038638	0.028535	0.068327	0.042199	0.028156	0.010354
ENSMUSG Ajap1	0.164743	0.12287	0.229239	0.044075	0	0.017706
ENSMUSG Gpn2	8.64347	8.600524	9.141966	9.224695	8.475177	9.105693
ENSMUSG Map7d1	71.75802	63.14866	71.14804	47.76583	54.39308	56.086994
ENSMUSG Tekt2	4.767468	4.953066	4.281906	4.352666	4.193938	4.250524
ENSMUSG Trappc3	31.25684	30.90072	37.13529	26.61894	28.4172	30.527351
ENSMUSG Zfp593	3.137572	2.90624	3.084197	3.49158	3.3978	3.061715
ENSMUSG Cnksr1	5.484339	4.834826	3.681343	3.336308	3.201418	3.841119
ENSMUSG Ago3	3.239307	3.665804	3.049502	2.780997	2.800289	2.794952
ENSMUSG Sh3bgrl3	70.84064	69.12382	74.66278	117.1757	115.3187	125.42955
ENSMUSG Gpr142	0	0	0	0	0	0
ENSMUSG Tdg	2.83318	2.132494	2.120354	1.68668	2.243236	2.667318
ENSMUSG Dbn1	4.787733	3.401658	4.296488	3.94456	3.574349	3.299283
ENSMUSG Pbx2	22.25545	22.48694	23.85377	21.30951	21.36603	21.109307
ENSMUSG Hmgcr	14.77846	12.4657	15.35543	17.30845	14.79733	20.13052
ENSMUSG Poc5	5.580956	4.765739	4.718047	4.334405	4.258031	3.681433
ENSMUSG Gm47955	0	0	0	0	0	0
ENSMUSG Ift81	6.313724	6.630521	5.730335	6.942913	6.324631	5.856014
ENSMUSG P2rx7	6.231748	5.272242	5.528377	6.813271	6.598383	7.093249
ENSMUSG Iqgap2	3.929535	4.550893	3.14603	4.555704	5.503235	4.816705
ENSMUSG Arpc3	114.457	103.324	110.5861	115.4541	114.6191	116.39563
ENSMUSG Gpn3	16.96178	19.23661	17.3935	15.60153	15.91517	14.991144
ENSMUSG Atp2a2	49.96812	83.72231	55.65259	68.22572	67.0474	71.035224
ENSMUSG Flcn	18.00062	16.38182	18.20406	16.58433	17.14259	16.867757
ENSMUSG Fam168a	16.79937	17.36664	14.77353	14.05399	15.10649	14.429194
ENSMUSG Fam216a	8.511999	9.829165	6.695893	12.07227	11.07567	11.33235
ENSMUSG Atxn2l	29.49155	27.29776	32.25655	29.92704	31.88906	30.676799
ENSMUSG 1700008Pc	0	0	0	0	0	0
ENSMUSG Smg7	12.34956	13.11836	12.20337	10.64593	11.01982	11.845151
ENSMUSG Hebp1	23.88968	25.07533	26.32929	19.6783	25.48439	23.267529
ENSMUSG Zfp715	10.0099	9.453963	8.295879	7.122327	7.510094	6.80446
ENSMUSG Zbtb10	3.78178	3.302528	3.587512	2.286421	2.329298	2.013416
ENSMUSG Olfr1353	0	0	0	0	0	0
ENSMUSG Gpx7	5.935301	7.815882	6.36463	6.936831	6.155798	6.543961
ENSMUSG Prps2	16.82418	18.76413	16.461	18.16566	17.81118	19.317522
ENSMUSG Sdc3	52.90565	45.242	54.03325	39.77359	41.85582	41.243683
ENSMUSG Vmn2r10	0.006955	0	0.006248	0.012873	0	0.020437
ENSMUSG Il6	0.255142	0	0.05865	0.217224	0.107401	0.201943
ENSMUSG Tyms	1.292088	1.496619	1.778576	1.736227	2.45354	2.776621
ENSMUSG Tnfrsf1b	17.7083	14.62968	22.52089	27.45754	25.13555	26.920657
ENSMUSG Olfr116	0	0	0	0	0	0
ENSMUSG Stkld1	0	0.064954	0.058415	0.137359	0.199689	0.222696
ENSMUSG Saa1	0.086451	0	0.139809	0.64406	0.53402	0.406783
ENSMUSG Rasd1	1.751575	1.6179	1.188321	1.672867	1.963688	1.632647
ENSMUSG Mrgpra9	0	0	0.080748	0.047894	0	0.064381
ENSMUSG Gpr162	0.408174	0.3224	0.434903	0.683222	0.408896	0.755053
ENSMUSG Txnip	316.8402	312.6838	288.8935	246.3404	304.3064	276.96402
ENSMUSG Upf3a	16.55796	17.46357	17.87619	15.30562	13.56088	14.97514
ENSMUSG Hemgn	0	0	0.085505	0.087855	0.059966	0.046768
Mus_musc Mus_musc	2.693859	3.517057	1.027696	899.7305	1130.389	494.23505
ENSMUSG Ncbp1	13.40331	13.56504	15.29952	11.9815	13.44632	14.377018
ENSMUSG Trmo	2.274016	2.33467	2.462464	1.990986	1.563461	2.226639
ENSMUSG Coro2a	2.221998	2.261909	2.319985	5.190204	5.108296	5.885116
ENSMUSG Nans	13.91925	14.29694	15.00524	22.00186	21.86293	21.900841
ENSMUSG Col15a1	1.505469	1.28255	0.854058	2.91864	3.06876	3.512402
ENSMUSG Cd3d	3.184557	2.495382	2.615637	3.970302	3.147677	3.852112
ENSMUSG Arcn1	52.95422	54.48115	51.23237	52.63817	54.21437	53.525314

ENSMUSG Ddx6	60.53813	63.35929	52.48397	51.5085	52.22445	51.503992
ENSMUSG Tmprss4	6.641898	7.685365	6.521054	11.37871	11.87732	13.627645
ENSMUSG Mpzl2	4.487421	6.168643	3.083751	3.743428	3.510441	4.668741
ENSMUSG Cd3e	3.93104	2.947814	3.796846	6.578156	4.391676	6.058367
ENSMUSG Treh	0	0	0	0	0	0
ENSMUSG Pate4	0	0	0	0	0	0
ENSMUSG Vsir	22.64734	21.59607	26.70107	32.07258	29.36419	33.053812
ENSMUSG Slc29a3	4.710555	4.271773	4.436947	10.16324	10.07524	11.438785
ENSMUSG Slc16a7	5.610163	5.482955	3.874045	4.875251	4.993745	4.235763
ENSMUSG Lrig3	2.66278	3.21452	2.745465	2.225011	2.400549	2.271921
ENSMUSG Anapc16	22.81566	24.9829	26.52861	20.80681	23.11952	21.885633
ENSMUSG Dnajb12	15.99224	15.66423	15.24736	14.92279	14.7766	14.719301
ENSMUSG Ddit4	25.82084	35.83509	36.20528	18.99652	33.48846	25.883993
ENSMUSG Mga	7.930348	8.208413	6.400952	6.889553	6.930496	6.734016
ENSMUSG Dsc1	0	0	0	0	0	0
ENSMUSG 1700001O	0.225818	0	0.196115	0.3319	0.354291	0.448238
ENSMUSG Trp53i13	8.727268	8.745	8.964718	6.476545	7.109136	8.038792
ENSMUSG AC154187	400.8321	468.5595	522.902	308.1151	319.2118	360.88849
ENSMUSG Fsip2	0	0	0	0	0	0
ENSMUSG AC153137	0.155398	0.006164	0.139617	0	0.03883	0.030444
ENSMUSG Ly6g5b	0.272154	0.200896	0.246961	0.303303	0.28547	0.470222
ENSMUSG Spata4	0	0	0	0	0	0
ENSMUSG Gm12185	0.649109	0.615997	6.84558	3.304229	0.550182	0.831591
ENSMUSG Slc25a47	1.957669	1.673132	1.024416	1.070444	0.964911	0.880525
ENSMUSG Zfp420	2.813122	2.238306	3.027228	1.418331	1.942525	1.748571
ENSMUSG Qrfpr	0	0	0	0	0.079286	0.113777
ENSMUSG Txndc9	14.54922	14.58161	14.09614	15.99591	12.89263	15.206057
ENSMUSG Ppp6r3	32.71848	33.26987	30.93762	29.18757	29.45724	28.401806
ENSMUSG Tesmin	0.275921	0.274629	0.347911	0.153247	0.248617	0.286256
ENSMUSG Gal	0.15502	0.574759	0.661746	0.260535	0	0
ENSMUSG Mus81	8.468691	7.967942	8.041311	9.436878	8.513903	8.076931
ENSMUSG Peli3	1.97632	2.290626	2.109308	2.585831	2.329409	1.955374
ENSMUSG Cpt1a	50.32602	41.88651	31.71324	30.05366	34.36203	28.346811
ENSMUSG Lao1	0	0	0	0	0	0
ENSMUSG Mrpl11	3.99661	4.093639	3.640979	4.711206	4.346589	4.655272
ENSMUSG Arhgef7	30.03196	28.00899	29.71261	24.50916	25.88054	25.287384
ENSMUSG Tex29	0	0.06286	0	0	0	0
ENSMUSG Rictor	6.730796	7.086047	6.258348	5.674848	5.714195	5.65536
ENSMUSG Large1	6.288474	6.085457	6.28868	5.460961	5.626596	5.623695
ENSMUSG Synpo2	4.392413	4.621838	3.967361	6.000234	6.018809	6.137308
ENSMUSG Prickle1	39.19907	35.57897	31.82016	21.77188	20.04052	16.121343
Mus_musc Mus_musc	2.389869	2.187987	2.172008	1.813119	0.790986	1.246673
Mus_musc Mus_musc	0	0	0	0.200059	0	0.073299
Mus_musc Mus_musc	0.054357	0.178434	0.328238	0.261794	0.118037	0.060128
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	1.183348	0.642796	0.833468	1.045888	1.192407	1.107536
ENSMUSG Snx6	29.14192	30.49184	29.05893	26.61578	29.69138	27.861112
ENSMUSG Mif	49.53384	38.13453	38.80035	53.01687	50.51091	56.261112
ENSMUSG Sdccag8	4.777763	6.163653	5.197159	5.50348	5.954921	4.492607
ENSMUSG Desi2	3.809765	3.536278	3.341449	3.809493	3.736335	3.93648
ENSMUSG Cox20	15.60451	18.3171	22.41476	16.46411	17.19848	20.189381
ENSMUSG Capn2	103.9928	97.29792	102.4369	68.24398	73.20201	71.57029
ENSMUSG Gm21170	0	0	0	0	0	0
ENSMUSG Ighv6-4	0	0	0	0.168692	0.418157	0.128885
ENSMUSG Steap4	6.689092	9.203142	7.737436	20.3381	24.63978	21.179785
ENSMUSG Zfp41	2.033506	1.424197	1.488301	1.722526	2.109876	1.735641
ENSMUSG Msgn1	0	0	0	0	0	0
ENSMUSG Tmem167	4.047221	4.518174	4.166222	5.381754	4.586766	4.930446
ENSMUSG Rps25	257.7182	256.8419	204.2011	256.0736	228.0878	228.30381
ENSMUSG Tcaf2	1.81471	1.394651	1.45228	2.473723	2.862035	2.772132
ENSMUSG Epha1	8.952258	9.0607	10.24579	4.985004	5.352655	5.869181
Mus_musc Mus_musc	0	0	0	0	0.173026	0
Mus_musc Mus_musc	0	0	0	0.337601	0	0.310657
Mus_musc Mus_musc	0	0	0.08066	0.231962	0.070392	0

ENSMUSG Olfr1406	0	0	0	0	0	0
ENSMUSG Pola1	1.973134	2.151858	1.831264	1.832898	2.43842	2.608116
ENSMUSG Qrich1	24.94353	24.59525	24.81009	22.68735	26.27555	26.165722
ENSMUSG Slc25a5	136.1924	150.2891	145.9769	180.6153	190.4814	193.38345
ENSMUSG Usp19	32.36889	29.94405	31.08356	26.92279	27.36132	26.372898
ENSMUSG P4htm	6.138652	5.333082	4.985463	3.116273	3.576938	2.730308
ENSMUSG Npm2	0.201607	0.188505	0.12522	0	0.002487	0.187142
ENSMUSG Pcdhb16	1.206208	1.084861	1.033243	0.910513	1.2828	0.877749
ENSMUSG Lenep	0.315518	0.062232	0.367196	0.248302	0.130426	0.239632
ENSMUSG Rnf148	0.005767	0.245226	0	0.042135	0.039177	0
Mus_musc Mus_musc	0	0	0.267028	0	0	0.207358
Mus_musc Mus_musc	18.11534	12.34707	42.13132	39.40646	36.34589	30.401588
Mus_musc Mus_musc	0.143095	0.204394	0.291206	0.220491	0.504227	0.158906
ENSMUSG Cacybp	23.94721	38.82658	35.79192	26.0228	27.05936	30.01494
ENSMUSG mt-Nd2	1429.524	1491.914	1277.36	1297.088	1301.66	1122.0155
ENSMUSG mt-Nd1	1624.122	1681.142	1484.863	1579.466	1599.937	1391.0569
ENSMUSG Ell2	7.207693	7.747755	6.472294	20.31649	20.93902	19.26974
ENSMUSG Arl6ip1	114.1533	112.9575	110.3382	116.8989	120.8644	121.39538
ENSMUSG Zfp560	2.460734	2.08377	2.642745	2.332836	1.822088	2.286717
ENSMUSG Onecut3	0	0	0	0	0	0
ENSMUSG Pou3f3	0.015227	0.020973	0.025583	0.019964	0.03946	0.007458
ENSMUSG Olfr460	0	0	0	0	0	0
ENSMUSG Ccdc70	0	0	0	0	0	0
ENSMUSG Art2b	0.421869	0.056929	0.102132	0.36257	0.193911	0.293171
ENSMUSG Mymk	0.093472	0.116123	0.036672	0.570148	0.280714	0.681933
ENSMUSG Fam163b	0.01703	0.019921	0.047444	0.039461	0.028392	0.017944
ENSMUSG Prr29	2.887032	4.482722	1.928891	4.379139	5.601199	4.602864
ENSMUSG Gm45837	2.883507	2.395274	1.409004	7.056373	2.487047	5.588636
ENSMUSG Nkx2-5	0	0.132288	0	0.171206	0.066253	0.068964
ENSMUSG Atp6v0e	95.7473	93.32838	106.0608	122.9887	117.1033	131.65829
ENSMUSG Gm5155	0	0	0	0	0	0
ENSMUSG Ceacam15	0	0	0	0	0.080529	0
ENSMUSG Dact3	2.987649	2.600929	3.705009	2.24882	2.821465	2.56006
ENSMUSG Zfp541	0	0	0.029985	0	0	0
ENSMUSG Sult2a5	0	0	0	0	0	0
ENSMUSG Sult2a1	0	0	0	0.049646	0	0
Mus_musc Mus_musc	0	0.036061	0	0.052016	0.197515	0.384722
Mus_musc Mus_musc	0.862339	1.417409	1.719539	0.545057	0.79423	0.492051
Mus_musc Mus_musc	0	0.305958	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.13012	0.216967	0
Mus_musc Mus_musc	0	0	0	0	0.232479	0
ENSMUSG Olfr404-ps	0	0	0	0	0	0
ENSMUSG Ccr5	0.894606	0.755828	2.389999	7.451678	7.201183	8.409477
Mus_musc Mus_musc	0.270221	0.216764	0.409751	0.608049	0.397955	0.564832
Mus_musc Mus_musc	0	0	0	0	0.307514	0.143179
ENSMUSG Slc38a3	0.047762	0	0	0	0.061915	0
ENSMUSG Rassf1	41.67254	41.31253	50.20629	28.76931	28.80542	31.966616
ENSMUSG Cacna2d2	0.060648	0.106631	0.017804	0.133105	0.076078	0.110949
ENSMUSG Myo18a	26.21687	26.07341	26.87123	23.74116	23.35356	25.747775
ENSMUSG Lilrb4a	11.00469	7.946033	11.47887	39.1437	42.24155	46.421306
ENSMUSG Olfr650-ps	0	0	0	0	0	0
ENSMUSG Olfr800	0	0	0	0	0	0
ENSMUSG Vmn1r23	0	0	0	0	0	0
ENSMUSG Olfr206	0	0	0	0	0	0
ENSMUSG Oxct2a	0	0	0	0	0	0.036
ENSMUSG Trim12a	0.068694	0.024218	0	0	0.089768	0.059102
ENSMUSG Olfr949-ps	0	0	0	0	0	0
ENSMUSG Hus1b	0	0	0.032449	0.040169	0.047184	0.132825
ENSMUSG Psmb1	50.14761	50.89257	52.79	58.3997	56.00447	59.043706
ENSMUSG Fam120b	11.04536	11.19269	9.993606	8.732658	8.60865	8.516878
ENSMUSG Tbp	4.940842	3.690477	3.996638	4.354865	3.281607	3.892629
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0	0.311608	0.14791	0	0.072914	0
ENSMUSG Cmc4	5.768785	4.665212	6.741979	5.214209	5.038721	3.246276

ENSMUSG Nhlrc4	1.575677	1.338438	0.96232	2.238366	1.880695	1.919571
ENSMUSG Shprh	6.324736	6.275017	5.516031	4.893481	4.549557	4.580382
ENSMUSG Usp49	2.000488	2.106289	2.039697	2.027641	1.896959	2.184075
Mus_musc Mus_musc	1.096794	0.991386	1.384848	1.740664	1.42882	1.191155
Mus_musc Mus_musc	0	0	0	0.074299	0	0.060016
ENSMUSG Khl25	9.005665	11.0796	10.98246	8.232064	8.373182	7.996509
ENSMUSG Scgb3a2	423.6522	547.9649	284.772	248.4637	150.18	183.76152
ENSMUSG Lefty1	2.060975	1.489894	1.520738	1.498634	1.464901	1.879894
ENSMUSG Slc6a7	0	0	0	0	0	0
ENSMUSG Pidd1	0.35848	0.644304	0.755572	1.07915	0.952331	1.160409
ENSMUSG Eps8l2	28.4024	25.50764	25.0046	17.46915	18.58593	17.249842
ENSMUSG Tmem80	9.786551	8.915001	8.698927	8.68861	7.953688	7.259646
ENSMUSG Taldo1	101.1482	97.44544	101.658	103.9075	100.2071	101.69484
ENSMUSG Tmem91	0.122635	0.213159	0	0.101625	0	0.217579
ENSMUSG Sgk2	0.045613	0.18925	0.103901	0	0.01846	0
ENSMUSG Rplp2	170.769	172.4063	186.5539	200.4529	185.395	202.48634
ENSMUSG Pnpla2	74.09387	77.34362	74.20808	52.4135	63.73409	60.242351
ENSMUSG Zfp981	0	0.019555	0	0	0	0
ENSMUSG Sertm1	0	0	0	0	0	0
ENSMUSG Usp39	24.58779	19.35525	20.16288	14.79907	15.81201	19.5567
ENSMUSG Igf2r	9.743624	9.288412	9.318263	12.13686	12.71189	13.562683
ENSMUSG Acat2	15.6184	16.81817	14.963	22.0306	20.62872	24.058422
ENSMUSG Olfr328	0	0	0	0	0	0
ENSMUSG Krtap19-2	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.272493	0.137506	0.310531	0.070625	0
ENSMUSG Rab7b	2.737013	2.334917	2.31661	5.333055	4.637169	6.32508
Mus_musc Mus_musc	1.089479	1.210041	1.374915	0.772075	1.061209	1.119951
ENSMUSG Rap1b	103.7182	94.56197	103.6269	84.91415	85.89248	88.766644
ENSMUSG Jun	171.6337	124.5402	154.9479	73.75698	85.71227	84.601547
ENSMUSG Scgb1c1	14.37387	13.76812	7.293215	8.455273	8.903378	5.337353
ENSMUSG Ugt2b1	0	0	0	0	0	0
ENSMUSG Plppr3	1.496188	1.918413	2.579015	1.773555	1.452559	1.591305
ENSMUSG Polr3g	3.040939	3.116457	2.901856	2.597633	2.261794	2.914033
ENSMUSG Six3	0	0	0	0	0	0
ENSMUSG Rap1gap2	2.394131	2.485718	3.81213	2.95927	2.209031	2.927337
ENSMUSG Sde2	10.93707	9.391061	10.63719	9.018077	8.554932	8.247251
ENSMUSG Atp6v1e2	0	0	0	0	0	0
ENSMUSG Spata22	0	0	0	0	0	0
ENSMUSG 2700081O	11.10798	10.38202	11.07038	7.541475	7.360589	8.714903
Mus_musc Mus_musc	1.517663	2.206153	1.136253	1.346876	1.439695	1.271198
ENSMUSG Cyp2f2	1322.24	1450.558	853.8739	572.7224	550.1058	566.66437
ENSMUSG Vmn2r57	0.024063	0.095544	0.066346	0.105476	0.079166	0.065451
ENSMUSG Zfp467	12.4835	14.81296	12.23127	10.53336	10.82134	12.743554
ENSMUSG Junb	79.8961	45.79915	56.41179	46.58862	42.30455	48.864231
ENSMUSG Flt3l	11.29272	11.17333	17.23532	11.99839	11.38678	12.702201
ENSMUSG Olfr501-ps	0	0	0	0	0	0
ENSMUSG Ccdc153	24.26102	29.06905	17.26945	41.04636	36.4037	36.102884
ENSMUSG Socs2	37.4011	33.8794	28.38613	32.19289	33.4035	32.91726
ENSMUSG Scn2b	0.115218	0.214495	0.331341	0.241552	0.290624	0.253454
ENSMUSG Pcdhga7	1.347079	1.669014	1.319504	1.140612	0.728606	0.994993
ENSMUSG Ndufa12	22.88445	27.30303	35.17364	30.23521	24.95338	40.15269
ENSMUSG Tmcc3	31.58285	29.98346	29.61251	21.69485	21.34388	19.822526
ENSMUSG Usp44	0.082	0	0	0.076243	0	0.213668
ENSMUSG Fgd6	5.617143	6.102586	5.393881	5.749618	6.200627	6.073743
ENSMUSG Nudt4	35.5165	40.27843	34.58788	35.25797	35.41007	33.740303
ENSMUSG Cpb2	0	0	0	0	0	0
ENSMUSG Lcp1	74.19152	71.12559	76.69634	112.8585	100.795	108.09741
ENSMUSG Wnt5a	2.533562	2.528338	2.132572	3.128151	2.784296	2.717658
ENSMUSG Lrrc63	0	0.056831	0	0.105779	0.161029	0.079543
ENSMUSG Esd	28.59395	30.59415	38.22656	40.67492	37.93581	46.365998
ENSMUSG Cacna2d3	0.092627	0.132552	0.065883	0.066781	0.02976	0.090373
ENSMUSG Spata13	6.745607	5.623538	7.640361	6.726296	7.251878	7.104543
ENSMUSG Mipep	4.269642	4.988898	3.938783	4.278231	4.650667	4.635392
ENSMUSG Olfr1389	0	0	0	0	0	0

ENSMUSG Ptprf	70.22579	71.28691	56.39614	58.32412	55.91909	64.41441
ENSMUSG Noc4l	5.208833	5.617106	6.222835	6.961066	5.545078	6.689023
ENSMUSG Scgb1b30	0	0	0	0.101362	0	0
Mus_musc Mus_musc	0.351077	0.491269	0.634503	0.301211	0.403112	0.670672
ENSMUSG Srrm3	0.013533	0	0	0.035892	0	0
ENSMUSG Slc44a3	17.29498	18.29728	13.98801	14.48877	16.18715	14.899261
ENSMUSG Vmn2r77	0	0	0	0	0	0
ENSMUSG Ccdc71l	6.414976	6.469344	5.4358	6.642656	7.744298	6.327015
ENSMUSG F830016B	0.749845	0.574366	2.427362	2.590292	0.876893	1.296231
ENSMUSG Tmprss11e	0	0	0	0	0	0
ENSMUSG Rexo5	1.386989	1.488601	0.936259	1.211601	0.88597	0.945713
ENSMUSG Lyrm1	1.527285	2.344855	1.859917	2.074249	1.728103	1.973969
ENSMUSG Trim30a	10.28316	9.333646	14.37352	11.28737	9.410176	8.957879
ENSMUSG Eri2	1.23296	1.89724	1.127213	1.046071	1.254505	1.425126
ENSMUSG Hars2	6.794065	7.414474	7.432827	6.521388	6.524632	5.825119
ENSMUSG Cacng2	0	0	0	0	0	0
ENSMUSG Dpep1	35.66898	34.75644	43.00003	43.03674	41.07275	37.346617
ENSMUSG Cdh8	0	0	0	0	0	0
ENSMUSG Commd2	11.34203	12.33218	12.2962	8.875	11.43558	10.983475
ENSMUSG St18	0.034211	0.046408	0	0.152249	0.132637	0.0749
ENSMUSG Alkal1	1.539689	2.139591	2.242623	2.425205	3.352483	2.788022
ENSMUSG Tuba1a	225.8582	195.9788	231.3273	180.7459	182.1187	202.8033
ENSMUSG Syt9	0.24616	0.131509	0.140478	0.331086	0.18816	0.286538
ENSMUSG 2310079G	0	0	0	0	0	0
ENSMUSG Tlr12	1.222411	0.764018	0.856379	1.391253	0.887097	1.553959
ENSMUSG Gm4788	0	0	0	0.206422	0	0
Mus_musc Mus_musc	0	0	0	0.327657	0	0
ENSMUSG Fbxw11	27.28762	27.54757	25.61602	24.12109	23.86064	24.450758
ENSMUSG Cep76	3.159391	2.68901	2.782798	2.717608	3.61744	3.103693
ENSMUSG St8sia6	0.704414	0.847425	0.385506	4.09332	3.7598	3.333679
ENSMUSG Pdcl3	11.94097	11.15129	13.23823	9.337452	9.952433	9.000421
ENSMUSG Elavl3	0.020326	0	0	0.010238	0	0.010029
ENSMUSG Rab3b	0.151126	0.10588	0.030466	0.152297	0.084733	0.195206
ENSMUSG Map4k4	39.48232	41.38078	38.04632	36.40063	35.44135	37.040306
ENSMUSG Il1r2	1.397394	0.97006	1.548515	0.802556	1.04693	0.714939
ENSMUSG Il1r1	9.984153	9.467402	8.995237	8.065669	7.566255	9.317198
ENSMUSG Il18r1	23.67111	29.55853	27.7493	31.05889	25.21448	27.550331
ENSMUSG Plbd1	12.41531	14.09262	15.08239	24.41269	21.97931	25.43099
ENSMUSG Wbp11	21.60038	22.86528	23.27779	21.12932	20.33692	21.254847
ENSMUSG Art4	5.723193	6.243057	5.560194	5.462738	5.537575	4.737472
ENSMUSG Gm26741	0	0	0	0	0	0
ENSMUSG Atf7ip	14.89277	14.13182	13.00524	12.62361	12.99048	12.494454
ENSMUSG Strada	6.807185	6.907935	7.445229	7.730859	7.082057	7.679874
ENSMUSG Pex11g	1.65599	1.362492	1.471157	2.063554	1.870761	2.16544
ENSMUSG Mgp	242.7142	247.4969	238.1653	268.5829	256.2404	320.32376
ENSMUSG Erp27	0	0	0.107042	0	0	0
ENSMUSG Rps23	244.9455	248.5089	280.3572	289.2635	261.7373	274.93137
ENSMUSG Spty2d1	8.498891	8.683833	8.044991	9.369385	8.441297	9.336864
ENSMUSG Espnl	0.030147	0.017004	0.007384	0.08076	0.030858	0.039983
ENSMUSG Tigar	3.597153	4.229201	4.117598	3.254587	3.197733	4.132453
ENSMUSG Htr1b	0.850983	0.764858	0.681897	0.79086	0.659287	0.624859
ENSMUSG Atp6v0a2	16.25051	17.14134	16.2644	17.95017	18.8043	19.168152
ENSMUSG Mindy4	4.84608	5.066527	3.95092	3.213683	3.755796	3.287877
ENSMUSG Rapgef1	0.594419	0.586414	0.519799	0.636427	0.660518	0.768954
ENSMUSG Kcnj9	0.020378	0.035287	0	0	0.01152	0
ENSMUSG Phf2	25.94512	26.70542	25.27807	19.28612	20.26704	19.941677
ENSMUSG Dennd4c	11.59364	13.08083	9.547638	11.6115	13.16746	12.803298
Mus_musc Mus_musc	0.35296	0	0	0.380103	0.140179	0.152755
ENSMUSG Gm12794	0	0	0	0	0	0
ENSMUSG Gm12689	0.115116	0.112297	0.06924	0.186949	0.181335	0.157758
ENSMUSG Ptger4	2.324103	1.886907	2.599154	4.034329	4.597075	4.455776
ENSMUSG Olfr293	0	0	0	0	0	0
ENSMUSG Rad21	46.03853	45.13431	44.44048	38.41375	41.80352	39.034729
ENSMUSG Slc30a8	0	0	0	0	0	0

ENSMUSG Eif3h	133.7073	148.1582	144.9504	142.2063	140.678	150.88864
ENSMUSG Utp23	4.732236	4.209459	5.088442	4.323162	3.902764	4.059346
ENSMUSG Csm3	0	0	0	0	0	0
ENSMUSG Tubg1	10.94688	9.083414	11.35914	11.39748	10.46057	10.708202
ENSMUSG Arl6ip5	60.21883	59.07391	71.09435	67.43114	66.58405	68.159767
ENSMUSG Rfp14	0	0	0	0	0	0
ENSMUSG 1700001FC	0	0	0	0	0	0
ENSMUSG Pde7a	8.802954	9.652219	8.584541	8.383105	8.571054	7.240468
ENSMUSG Smim9	0	0	0	0	0	0
ENSMUSG Ctxn1	6.499496	7.054684	5.540325	8.050545	8.349092	7.89691
ENSMUSG Scand1	25.10793	6.326972	7.106887	6.724644	21.42216	19.091654
ENSMUSG Exd1	0.60177	0.731416	0.59305	0.535932	0.509916	0.559235
ENSMUSG Slc20a2	5.815199	6.15507	5.258446	6.280839	5.947758	5.532468
ENSMUSG Mmp3	4.276593	3.635778	3.886423	3.616898	4.359903	2.695092
ENSMUSG Plaur	34.78706	33.37401	48.00136	37.65379	42.746	40.284241
ENSMUSG Vps37d	0.722411	0.667008	0.833302	0.75502	0.888693	0.592283
ENSMUSG Tcl1b3	0	0	0	0	0	0
ENSMUSG Olfr366	0	0	0	0	0	0
ENSMUSG Uckl1	11.53214	13.70627	14.27826	14.39827	12.14247	13.358723
ENSMUSG Mfsd14a	27.27345	27.71091	26.12165	25.25292	25.58947	24.917875
ENSMUSG Mms22l	1.205864	1.227619	0.760089	1.653477	1.640531	1.901455
ENSMUSG Tssc4	14.81149	17.47076	18.75599	15.14735	19.98356	20.370978
ENSMUSG Zfp764	5.681354	5.664333	5.328883	4.128427	3.972053	3.931289
ENSMUSG Nup54	7.43562	8.253347	8.460347	7.353041	6.95543	9.018113
ENSMUSG Nrip3	0.090257	0.148375	0.18081	0.176232	0.134873	0.182357
ENSMUSG Cpsf7	16.57444	15.04239	16.36826	14.10568	13.84216	13.122432
ENSMUSG Nxn1	0	0.229655	0.044678	0.155924	0.039481	0.072797
ENSMUSG Gypc	6.657236	7.057295	7.883254	5.969167	5.951804	6.056719
ENSMUSG Ccdc112	1.859437	1.826425	1.578688	1.574035	1.429419	1.519915
ENSMUSG Mcc	9.064368	10.42167	10.13613	5.708345	5.584919	5.164178
ENSMUSG Gm94	0	0	0	0	0	0
ENSMUSG Gm5538	0	0	0	0	0	0
ENSMUSG Isl1	0.020253	0.058265	0	0	0	0
ENSMUSG Cilp	0.053788	0.117079	0.128136	1.998835	1.526377	1.281588
ENSMUSG Ptchd4	0	0.015519	0	0.024706	0.086145	0.063807
ENSMUSG Pm20d1	0.54228	0.830609	0.551943	0.916535	0.730346	0.765942
ENSMUSG Pglyrp4	0	0.062305	0.038426	0.018815	0.070606	0
ENSMUSG Arid1a	23.39495	23.09392	23.23311	20.26435	21.53002	21.449499
ENSMUSG Crlf1	6.177816	5.110978	5.800141	4.644453	3.497415	5.110888
ENSMUSG Olfr1112	0	0	0	0	0	0
ENSMUSG Kik1b11	0	0	0	0	0.096483	0
ENSMUSG Tmem86b	1.409053	1.774971	2.820554	2.186861	1.395413	1.675183
ENSMUSG Gpr20	0.07744	0.115948	0.078023	0	0	0.111594
ENSMUSG Rtn4rl1	4.734712	4.103445	5.115962	3.339926	3.862334	4.345541
Mus_musc Mus_musc	4.155163	10.11833	1.020851	974.4338	155.6228	394.75861
ENSMUSG Dcaf12l1	0.25855	0.326058	0.261276	0.195092	0.162006	0.192952
ENSMUSG Ush1g	0	0	0	0	0.013683	0
ENSMUSG Gm6268	0	0	0	0	0	0
ENSMUSG Cpne5	0.764504	0.896182	0.830168	0.253464	0.114312	0.396832
ENSMUSG Stk38	23.73348	23.72673	24.61045	27.28955	26.6844	28.595891
ENSMUSG Ppil1	10.37285	10.65935	10.8595	10.07742	12.18965	11.791638
ENSMUSG Brd4	18.77183	18.78367	18.33625	17.42462	15.00658	16.172426
ENSMUSG Bclaf3	3.186563	3.938416	3.732455	4.168995	3.237332	3.719758
ENSMUSG Lsm8	17.94943	17.1835	19.54271	17.84357	16.01456	17.737068
ENSMUSG Hepacam2	1.407853	1.543116	1.332175	3.279487	3.341182	2.872658
Mus_musc Mus_musc	0.131897	0.113719	0.199918	0	0.486803	0
ENSMUSG 7-Sep	82.37314	84.58717	88.0946	71.92531	70.78976	65.543938
ENSMUSG Gm3402	0	0	0	0	0	0
ENSMUSG Rrp9	10.09638	8.512647	9.711002	7.847185	6.195278	7.455943
Mus_musc Mus_musc	7.149322	1.744448	0.617647	50.65123	4.081591	49.390305
ENSMUSG Slc23a1	2.585229	2.602103	1.830591	1.553104	2.00429	1.958594
ENSMUSG Sil1	20.7241	18.32671	17.38956	18.38736	17.92082	17.997915
Mus_musc Mus_musc	0	0	0.166939	0	0	0
Mus_musc Mus_musc	1.799231	1.249804	1.596072	1.234657	1.258075	1.452349

Mus_musc Mus_musc	0	0.272339	0	0	0	0
Mus_musc Mus_musc	0.327549	0.09329	0.474263	0	0.196027	0
Mus_musc Mus_musc	0.607819	0.04942	0.141658	0.122069	0	0
Mus_musc Mus_musc	0.108535	0.042182	0.207175	0.168951	0	0
Mus_musc Mus_musc	0.42511	0.462117	0.223991	0.054825	0.110848	0.21572
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.252085	0.807696	1.140285	0.885356	0.54719	0.826719
ENSMUSG Mthfd1l	4.174549	3.651307	2.864939	2.993946	3.611909	3.389518
ENSMUSG Ssrp1	37.50112	38.14129	38.11759	38.05928	35.12322	36.976663
ENSMUSG Commd3	29.72327	29.17578	30.53803	38.0431	31.05972	34.052887
ENSMUSG Tas2r105	0	0	0	0	0	0
ENSMUSG Dhrr9	0.658922	0.831922	0.748986	2.068317	2.084273	2.490408
ENSMUSG Pxmp4	14.62429	14.78386	13.97745	13.25641	14.00422	13.467747
ENSMUSG Pam	69.25691	71.91798	64.04899	46.70717	47.88853	43.700449
ENSMUSG Slco6d1	0	0	0	0	0	0
Mus_musc Mus_musc	0.307674	0.219506	0.6355	1.247363	0.855389	1.390683
ENSMUSG Fam173a	29.87534	30.22807	33.30175	25.84764	25.19637	32.186546
ENSMUSG Slco6c1	0	0	0	0	0	0
ENSMUSG Gin1	2.997775	3.181674	2.461222	3.103405	2.246571	2.265321
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.247212	1.51512	0.603902	1.037452	0.787363	0.694614
Mus_musc Mus_musc	0.607662	0.340272	2.421103	0.69696	0.227773	0.314877
Mus_musc Mus_musc	0.247481	0.252287	0.419477	0.286548	0.378861	0.325011
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.224722	0.111062	0.143364	0	0.261913
ENSMUSG Vmn1r158	0	0	0	0	0	0
ENSMUSG Olfr916	0	0	0	0	0	0
ENSMUSG Gm10338	0	0	0	0	0	0
ENSMUSG Spa17	4.790831	5.561956	3.382799	8.551143	5.651729	5.653656
Mus_musc Mus_musc	0.216906	0.255918	0.457622	0.237081	0	0.263331
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.018546	0.03208	0.203031	0.320834	0.217572	0.128847
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.204429	0.226253	0	0.351405	0.184252	0.118778
Mus_musc Mus_musc	0.210672	0.170685	0.278342	0.262445	0.231905	0.486653
Mus_musc Mus_musc	0	0.097555	0.077583	0.052239	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	2.414341	1.971111	2.307684	0.966858	1.21926	1.244133
Mus_musc Mus_musc	0	0	0	0.232161	0	0
Mus_musc Mus_musc	0	0	0.168957	0	0.194185	0
ENSMUSG Tmem238l	0	0	0	0.093931	0	0
ENSMUSG 4930469K	0	0.034436	0.240654	0	0	0
ENSMUSG Spi1	19.78507	16.599	23.04869	36.25918	33.8538	40.025904
ENSMUSG Krt79	4.378568	8.075592	7.421952	6.739876	7.516303	6.059745
ENSMUSG Rassf10	1.00244	1.270712	0.529762	1.204176	1.147032	1.293782
ENSMUSG Acvr2b	3.453308	3.16758	2.753103	2.410691	2.212081	1.909219
ENSMUSG Mageb5	0	0	0	0	0	0
ENSMUSG Rnf113a2	7.32602	6.638088	7.751031	7.833873	7.644262	7.593854
Mus_musc Mus_musc	0.126387	0.069227	0.390474	0.413408	0.028114	0.351615
Mus_musc Mus_musc	0.638325	0.260664	0.698343	0.480177	0.575762	0.436278
Mus_musc Mus_musc	0	0	0	0.095846	0	0.099369
Mus_musc Mus_musc	0	0	0.209581	0	0.126218	0.077982
Mus_musc Mus_musc	0.61499	1.103779	0.869412	0.540751	0.513013	0.769167
Mus_musc Mus_musc	0.1114	0.361998	0.285497	0.296484	0.101332	0.232309
ENSMUSG Gm20823	0	0	0	0	0	0
Mus_musc Mus_musc	0.259354	0.794826	0.481322	0.262524	0.16416	0.072245
Mus_musc Mus_musc	0.328118	0.466896	0.603242	0.342646	0.234492	0.462592
ENSMUSG Gm16867	0.25965	0.217575	0.399616	0.317735	0.341602	0.392416
ENSMUSG Esp3	0	0	0	0	0	0
ENSMUSG Pfn2	6.059331	6.404999	4.632682	4.945767	4.872499	4.584303
ENSMUSG Ces4a	0	0	0	0	0	0.020288
ENSMUSG Mtx1	15.23045	12.01752	15.38552	15.61161	16.0444	15.230661
ENSMUSG BC048507	0.141024	0.086928	0	0.078017	0.074055	0.146121
ENSMUSG Dzip3	3.090919	3.345525	2.899002	3.269134	3.46884	3.217568

ENSMUSG Ipcef1	1.256897	1.091869	1.593386	1.954329	1.660193	1.62793
ENSMUSG AF067061	0	0.027208	0	0.038835	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.216321	0	0	0	0
ENSMUSG Olfr782	0	0	0	0	0	0
ENSMUSG Gm3139	0	0	0	0	0	0
Mus_musc Mus_musc	0.188345	0.23185	0.142707	0.166172	0.063581	0.160509
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Prdm9	1.15376	0.90367	0.988849	0.85768	0.826398	0.980776
ENSMUSG Erich1	7.464981	6.183768	7.856128	6.894366	5.490397	7.043793
ENSMUSG Cd40	5.719509	5.556727	6.241247	7.361548	8.335602	7.188492
Mus_musc Mus_musc	1.325027	1.295301	2.413101	0.924818	1.04586	0.626989
Mus_musc Mus_musc	0	0.212813	0.092301	0	0.234434	0.0703
Mus_musc Mus_musc	4.108984	3.723968	3.780713	2.704441	3.020016	2.806283
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Zic2	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.23242	0	0	0	0.144089
ENSMUSG Nudt14	11.49987	14.51549	11.73912	13.71328	12.52797	14.955038
ENSMUSG Mup15	0	0	0	0	0	0
ENSMUSG Btdb6	8.791189	7.45395	7.612333	6.723881	6.863368	7.429037
ENSMUSG Epdr1	3.675645	3.926462	3.117705	3.616209	3.002988	3.706017
ENSMUSG Olfr498	0	0	0	0	0	0
ENSMUSG Cdkn3	0.631189	0.086825	0.42051	0.877796	1.637674	1.716108
ENSMUSG Atoh8	9.808776	10.31263	8.017329	5.96732	6.84611	6.557083
ENSMUSG Wdtdc1	17.16963	18.38529	18.71896	17.26634	16.28941	16.807365
ENSMUSG Kcnk2	9.305081	8.792793	5.829025	6.083506	6.5442	5.748934
ENSMUSG Cldn11	0.029864	0.143252	0.064864	0.101525	0.111616	0.180837
ENSMUSG Rgs22	1.418925	1.537238	0.882284	2.060251	1.98249	2.136429
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG AC144408	0	0	0	0.023292	0	0
ENSMUSG Btdb8	1.74462	1.403817	1.561933	1.192838	1.318834	1.822842
ENSMUSG Gm14085	0.336395	0.216693	0.468292	0.328383	0.280996	0.351161
ENSMUSG Acsf3	3.797089	3.435895	3.009575	3.710127	3.486216	3.695025
ENSMUSG Il15ra	4.79548	4.197679	7.886148	5.105263	4.058416	4.106497
ENSMUSG Serpinb5	0	0	0	0.016151	0	0
ENSMUSG Nlrp5	0	0	0	0	0	0
ENSMUSG Actn4	128.6514	122.3406	119.3382	93.84954	97.09662	102.15059
ENSMUSG Car8	41.19115	49.05843	33.73047	59.4179	54.88863	62.217407
ENSMUSG Gm20425	0	0	0	0	0	0
ENSMUSG Rusc1	13.73155	13.74	17.01311	10.72385	15.9969	13.434666
ENSMUSG Usp11	8.062492	9.704756	9.998537	8.478874	9.391069	7.912002
ENSMUSG 1700016D	0	0	0	0	0.086325	0
ENSMUSG Ankrd10	16.03168	19.46037	18.79177	15.95137	14.38024	16.817926
ENSMUSG Olfr524	0	0	0	0.007728	0.021986	0
ENSMUSG Dmxl2	5.074905	4.830346	4.190448	4.382003	4.140861	4.265358
ENSMUSG Naxd	56.70083	57.23605	60.888	50.62078	52.07273	47.45622
ENSMUSG Rab20	7.702129	7.121284	7.752498	9.741779	9.76621	9.194493
ENSMUSG Egfl6	26.27889	24.02126	22.87314	24.72822	24.11324	27.852232
ENSMUSG Col4a1	127.6882	115.5679	126.7461	100.5862	109.5049	105.21123
Mus_musc Mus_musc	0	0	0	0	0	0.368372
Mus_musc Mus_musc	0	0	0.337872	0	0	0.07499
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Gm45736	0.219942	0.093891	0	0.138189	0.089795	0.076405
ENSMUSG Vmn2r114	0	0	0	0	0	0
ENSMUSG Rab2b	5.881963	5.540447	6.060363	4.614137	4.650116	4.411364
ENSMUSG Mroh2b	0	0	0	0.009586	0	0
ENSMUSG Gzme	0	0	0	0	0	0
ENSMUSG Mcpt8	0.2697	0.098088	0.749115	0.585175	0.230918	0.223413
ENSMUSG Dab2	14.62761	14.32715	13.04679	16.89583	18.78535	17.036318
ENSMUSG Ttc33	14.0284	12.25388	11.77388	12.83735	12.26903	11.975036
ENSMUSG Wdr6	21.80196	18.85659	17.43012	17.82977	16.5606	18.667198
ENSMUSG Tcl1b1	0	0	0	0	0	0
ENSMUSG Trappc11	13.43474	12.84813	12.25223	12.33092	11.91203	12.816203
ENSMUSG Asap3	2.356534	2.612794	1.842844	2.570497	2.295697	2.486195

ENSMUSG Otud4	12.67795	13.89359	12.10348	12.06055	11.45766	11.772888
ENSMUSG Nxt1	12.54269	11.26375	11.68483	11.99541	12.55479	13.330206
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.233893	0.157237	0	0	0.27928	0.260556
Mus_musc Mus_musc	1.575067	1.920504	2.043424	2.271623	1.858966	2.671941
Mus_musc Mus_musc	0	0	0.090224	0	0.201134	0.230997
Mus_musc Mus_musc	0	0	0	0	0	0.250425
ENSMUSG Ap3s2	6.051633	6.651306	6.228434	5.921174	5.456504	6.366941
ENSMUSG Prpf38a	13.16443	14.3927	12.92549	11.37137	14.53491	13.436303
ENSMUSG Hspbp1	16.04327	14.09899	14.59192	13.81102	13.0664	13.875047
Mus_musc Mus_musc	0.188031	0	0.209481	0	0	0
Mus_musc Mus_musc	0.593694	0.704451	0.391412	0.579973	0.440708	0.538125
ENSMUSG Gm13757	0	0	0	0	0	0
ENSMUSG Gm14399	3.592847	4.222463	3.05163	3.554453	3.925614	4.167691
ENSMUSG Ly6g6e	2.321262	1.508694	1.730512	2.433309	1.71759	2.49313
ENSMUSG Spns3	0.123486	0.148005	0.203373	0.918019	1.288895	1.381131
ENSMUSG Tekt1	5.168038	7.342558	4.683595	9.059927	7.269175	8.313036
ENSMUSG Megf6	15.58	11.4393	16.23832	8.794496	8.515058	9.247889
ENSMUSG Tas2r106	0	0	0	0	0	0
ENSMUSG Ankfy1	15.53302	13.83748	15.25642	13.4952	14.17361	13.733897
ENSMUSG Exoc7	13.2107	13.50919	12.93808	12.19262	10.85516	11.435033
ENSMUSG Galr2	0.063485	0.047724	0.094918	0.072297	0.294188	0.155526
ENSMUSG Ube2g1	17.05032	17.38516	16.59459	14.59712	14.26827	13.942643
Mus_musc Mus_musc	0.087666	0.052781	0.153478	0	0.054503	0
Mus_musc Mus_musc	7.72272	9.427322	8.44524	8.894679	8.324262	10.283504
Mus_musc Mus_musc	0.078294	0.19766	0.104243	0	0.140487	0.289216
Mus_musc Mus_musc	0.710619	0.45513	0.498721	0.277223	0.593344	0.670124
Mus_musc Mus_musc	40.28427	31.97988	45.7384	30.05723	39.44144	36.932633
Mus_musc Mus_musc	0.702698	1.126313	1.04074	1.837356	0.935382	1.14236
Mus_musc Mus_musc	0.065487	0.102163	0	0	0.085621	0.721502
Mus_musc Mus_musc	0.897067	0.385773	0.735812	3.690153	5.655973	3.921864
ENSMUSG Tmem175	5.843499	5.647663	5.053962	5.740298	5.57742	6.187007
ENSMUSG Gm3317	0.157357	0	0.260729	0	0	0
ENSMUSG Olfr469	0	0	0	0	0	0
ENSMUSG Vmn1r191	0	0	0	0	0	0
ENSMUSG Olfr740	0	0	0	0	0	0
ENSMUSG Vmn2r48	0	0	0	0	0	0
ENSMUSG Gm5861	0	0	0	0.041123	0.089201	0.051973
ENSMUSG Aspdh	0	0	0.006478	0.089831	0	0.077152
ENSMUSG Car5a	0	0	0	0	0	0
ENSMUSG Banp	6.770851	9.564008	9.201053	7.98873	6.420373	7.765385
ENSMUSG Ptprj	11.11504	9.961219	15.08248	18.39956	17.62226	12.95926
ENSMUSG Oaz3	0	0.075622	0.170061	0.049715	0.048565	0.270117
ENSMUSG Mrpl9	20.50707	21.34689	21.66941	19.90521	21.30359	18.451725
ENSMUSG Rap1gds1	22.48607	22.04212	21.73637	18.46586	19.73815	18.937027
ENSMUSG Them5	0.126355	0.111014	0	0	0.088198	0.069346
ENSMUSG Jph3	0.038815	0.022058	0.017043	0	0.028694	0.060771
ENSMUSG Pcsk1n	0.098517	0.178726	0	0	0.14634	0.062823
ENSMUSG Megf9	12.03461	12.34414	10.02683	8.472823	9.46494	8.947464
ENSMUSG Foxk2	11.93142	13.49163	13.00143	11.431	12.58431	12.500109
ENSMUSG Nat8f4	0.912005	0.836233	0.82958	0.830592	0.971233	1.388189
ENSMUSG Ddrk1	72.63302	74.66091	77.22623	65.63882	60.92201	62.329542
ENSMUSG Zfp28	2.061986	1.306652	1.427129	1.788183	1.509208	1.217922
ENSMUSG Phactr2	24.82341	24.17756	10.2928	16.26854	15.49819	7.278191
ENSMUSG Impdh2	23.02098	20.71475	19.83365	19.37108	21.05601	20.900351
ENSMUSG Olfr830	0	0	0	0	0	0
ENSMUSG Hnnpk	155.2581	152.8015	145.1885	135.6492	125.3518	130.07369
ENSMUSG 1700067P:	0	0	0	0	0	0
ENSMUSG Smad5	17.12391	17.03104	15.60954	13.63647	13.71537	12.89801
ENSMUSG Trpc7	0	0	0	0	0	0
ENSMUSG Pcdhgc3	50.47918	47.77694	50.59672	37.34246	37.71195	38.715897
ENSMUSG Ifitm2	281.7265	273.9737	336.2219	198.0878	222.0841	200.60216
ENSMUSG Ccnh	8.696427	8.209535	9.619533	8.79153	8.394637	8.684974
ENSMUSG Rasa1	15.69186	16.55302	15.15013	15.26448	14.87367	14.220006

ENSMUSG Sort1	84.85953	84.39734	75.18484	65.68321	67.00191	66.279226
ENSMUSG Mybphl	0.748884	5.983958	0.995214	1.603172	0.954677	1.475366
ENSMUSG Psr1	0.275842	0.416458	0.565252	1.970228	1.468477	2.110483
ENSMUSG Cry2	26.26999	25.01612	23.62575	13.42825	12.18374	12.612418
ENSMUSG Celsr2	3.406752	3.299696	2.462303	2.466773	2.705679	2.38224
ENSMUSG Psma5	25.03919	22.38147	29.76187	26.00703	27.97688	27.557895
ENSMUSG Ptprz1	1.023714	1.549002	0.668251	1.207823	1.566255	1.530481
ENSMUSG Gsx1	0	0	0	0	0	0
ENSMUSG Rnf26	7.712697	6.444037	8.049572	6.545165	8.136569	7.56839
ENSMUSG Esp5	0	0	0	0	0	0
ENSMUSG Gm5129	0.03238	0	0	0	0	0
ENSMUSG Ovol3	0	0	0	0.295423	1.020296	0.254736
ENSMUSG Ccpg1os	6.873594	7.070012	5.774005	12.44901	10.8208	9.561365
ENSMUSG Agr3	2.333548	3.804073	2.080861	4.193031	3.080098	3.774277
ENSMUSG Fam3b	0.680743	0.484836	0.739356	0.900874	0.969763	0.860902
ENSMUSG Grik1	0	0.031706	0.040905	0	0.013536	0.028018
ENSMUSG 4930553J1	0	0	0	0	0	0
ENSMUSG Nup85	11.32064	11.37619	12.19727	10.33289	10.56863	9.718303
ENSMUSG Kcnn2	0.243236	0.285033	0.18449	0.240985	0.181875	0.242861
ENSMUSG Thnsl2	3.186983	3.875645	2.766715	3.538023	4.56333	3.519463
ENSMUSG Hao1	0	0	0	0	0	0
ENSMUSG Gm10295	0	0	0	0	0	0
ENSMUSG Hist1h2ak	0	0	0	0	0	0.1406
ENSMUSG Olfr194	0	0	0	0	0	0
ENSMUSG Armcx1	13.35275	13.75957	13.96213	9.141651	9.172303	8.173711
ENSMUSG Crlf2	14.55913	11.53025	18.13579	19.14499	19.52255	22.28013
ENSMUSG Shank2	1.859038	1.873241	1.395434	1.593379	1.357768	1.884753
ENSMUSG Aldh8a1	0	0.020493	0	0.0436	0	0.012067
ENSMUSG Dlgap5	0.172216	0.348672	0.313934	0.893149	1.585141	1.949251
ENSMUSG H2-DMb2	25.17388	22.12388	41.53687	64.33965	47.33414	62.333785
ENSMUSG Rab11a	50.37675	48.32536	54.86952	38.81576	38.6231	38.861604
ENSMUSG Prpf38b	30.39146	31.4718	34.88729	31.59772	30.97082	31.762177
ENSMUSG Slc25a54	0	0.027302	0.023124	0	0	0
ENSMUSG Gpsm2	2.668742	2.620339	3.044007	2.857135	2.85376	3.68283
ENSMUSG Stxbp3	24.91199	23.65773	26.45728	24.8769	24.06305	23.764353
ENSMUSG Clcc1	16.52041	16.9227	16.96199	14.42052	15.57433	13.189897
ENSMUSG Sypl2	0.041468	0.01977	0.044692	0.025528	0.025973	0.066965
ENSMUSG 1700013FC	2.243576	2.184141	1.332321	3.144664	1.563019	2.865057
ENSMUSG Ampd2	5.122474	5.403524	5.748436	7.180302	7.374165	7.678665
ENSMUSG Hhip	5.322021	5.260179	5.220218	3.917847	4.55345	4.976185
ENSMUSG Pla2g4c	0.09507	0.0706	0.111079	0.582107	0.364022	0.693563
ENSMUSG Eef1g	90.29813	94.50596	97.35277	101.8096	105.663	113.39426
ENSMUSG Tut1	6.472946	5.779735	6.231666	6.498899	5.497401	5.788289
ENSMUSG Mta2	38.86536	37.30579	38.27425	38.94557	39.45915	39.053749
ENSMUSG Eml3	13.82751	12.58007	14.55928	14.73877	13.20057	13.995874
ENSMUSG Mios	5.072262	5.37747	4.196401	4.920788	4.483459	4.279939
ENSMUSG Dst	29.77543	27.91589	25.76873	21.42534	21.84822	20.256468
ENSMUSG Rom1	3.586644	3.227551	4.298462	4.480465	4.059763	4.606104
ENSMUSG B3gat3	19.51585	19.31721	22.08363	19.95797	20.02286	23.175791
ENSMUSG Prim2	3.804709	4.361405	4.179737	5.217401	5.422491	6.790177
ENSMUSG Zfp142	4.526963	4.389791	4.651809	3.618334	3.974616	4.227728
ENSMUSG Emid1	8.390709	8.743338	8.874275	5.447069	5.016422	5.137305
ENSMUSG Ccnd3	62.91364	59.53684	68.17187	46.5528	49.84918	51.398079
ENSMUSG Zfc3h1	7.565934	7.742568	7.29252	8.291856	8.033084	7.759531
ENSMUSG Ogt	29.28287	30.08842	32.04977	28.81707	24.03459	25.621235
ENSMUSG Scx	3.252308	2.656806	3.851091	3.146666	2.569139	2.08602
ENSMUSG Fat3	1.264408	1.532634	1.495374	1.135666	1.132446	0.587806
ENSMUSG Defb18	0	0	0	0	0	0
ENSMUSG Zfp558	0.165362	0.565687	0.205699	0.276938	0.565871	0.430735
ENSMUSG Rsg1	0.444021	0.588412	0.420368	0.349269	0.508713	0.390444
ENSMUSG Ubtfl1	0	0	0	0	0	0
ENSMUSG Yju2	6.502505	7.137934	7.357734	5.482987	5.836476	5.006582
ENSMUSG Slc36a3	0.058013	0	0	0	0	0.135763
ENSMUSG Sh3gl1	25.16609	25.63206	25.659	23.08521	22.09333	22.228516

ENSMUSG Olfr1449	0	0	0	0	0	0
ENSMUSG Ebi3	1.574967	1.279804	1.610676	4.028007	3.175792	2.817938
ENSMUSG Fcrl6	0	0	0.050805	0	0	0
ENSMUSG Snap25	0.135931	0.100257	0	0	0	0
ENSMUSG Zfp488	0	0	0	0	0	0
ENSMUSG Pcdhb17	1.798605	1.856778	2.27114	1.209935	1.368663	1.103774
ENSMUSG Cxcl3	0.083282	0.133957	0.192048	3.602443	4.394069	3.816426
ENSMUSG Areg	8.229896	3.046179	4.427031	0.658683	1.579461	1.470155
ENSMUSG Jrk	0.96181	0.738908	0.598853	0.80277	0.823673	0.58173
ENSMUSG Cxcl15	272.3926	288.0632	272.2994	651.2269	597.13	708.13306
ENSMUSG Ereg	0.23299	0.066875	0.04739	0.03794	0.039664	0.02686
ENSMUSG Mthfd2l	3.425895	3.133473	2.765905	2.975485	2.208495	2.673478
ENSMUSG Cxcl5	2.156929	0.858743	0.286602	7.108311	8.736728	6.979723
ENSMUSG Rassf6	2.020756	1.556626	1.569338	2.230019	2.026454	1.865284
ENSMUSG Pf4	11.60936	11.1958	15.62709	17.98722	19.85204	20.301644
ENSMUSG Ppbb	9.561477	10.71359	15.46881	5.991105	5.037074	3.825393
ENSMUSG Vamp9	0	0.067705	0.179914	0	0.097342	0
ENSMUSG Gal3st1	5.392844	5.353938	4.534073	6.509951	6.698319	6.667072
ENSMUSG Mmp12	1.329625	1.366259	1.750716	559.7448	512.7321	536.21538
ENSMUSG Gm21996	0	0	0	0	0	0
ENSMUSG Zfp668	2.855798	2.471362	2.238047	2.881514	2.508565	2.998639
ENSMUSG Olfr1370	0	0	0	0	0	0
ENSMUSG Olfr1026	0	0	0	0	0	0
ENSMUSG Kcna10	0	0	0	0	0	0
ENSMUSG M6pr	71.4491	72.32208	72.15543	72.16592	73.07528	71.07086
ENSMUSG Hspa2	9.19307	11.12292	8.85109	10.32275	11.16784	12.420776
ENSMUSG Chrdl2	0	0.054414	0.063149	0	0	0
ENSMUSG Ntm	0.188778	0.154757	0.312039	0.066624	0.151115	0.046199
ENSMUSG Zfp74	3.569574	3.824081	3.77883	3.342912	3.83201	3.403316
ENSMUSG 2310003LC	0	0	0	0	0	0
ENSMUSG Cd207	2.521005	1.563775	2.577941	2.324981	2.664598	2.614186
ENSMUSG B3galt1	0.439812	0.746261	0.602303	0.271251	0.470116	0.2649
ENSMUSG Gna11	37.26448	38.00496	39.09533	25.46146	26.08921	27.080019
ENSMUSG Gpsm3	17.57855	15.58467	20.33395	20.77279	20.23274	23.875897
ENSMUSG Dio1	0.09791	0	0.045583	0.802637	1.464596	0.624162
ENSMUSG Rab24	4.661422	4.617298	3.832298	4.179132	3.467795	3.657467
Mus_musc Mus_musc	0	0	0	0.254884	0.282784	0.243776
ENSMUSG Snrpb2	12.13963	10.8465	11.9432	11.00233	10.5703	10.088242
ENSMUSG Nfx1	14.27621	14.30212	14.02596	12.74229	13.44129	13.439133
ENSMUSG Tmem38b	11.61236	12.58173	12.6866	11.7321	12.60264	11.547001
ENSMUSG Rad23b	34.54178	30.16737	30.98809	33.99481	32.9525	35.516125
ENSMUSG Aqp7	0.02076	0.153857	0.040112	0.039734	0.09161	0.087465
ENSMUSG Gm13128	0	0	0	0	0	0
ENSMUSG Pramef17	0	0	0	0	0	0
Mus_musc Mus_musc	10.69321	10.29121	10.40604	4.525874	7.764358	5.370258
ENSMUSG Ugt2a3	0.053292	0.087469	0	0	0	0
ENSMUSG Gm13212	0.817252	0.852225	0.630031	0.69934	1.007647	0.983516
ENSMUSG Zfp990	0	0	0	0	0	0
ENSMUSG Gm438	0	0	0	0	0	0
ENSMUSG Gm436	0	0	0	0	0	0
ENSMUSG Gm13124	0	0	0	0	0	0
Mus_musc Mus_musc	0.239856	0.257091	0	0.132818	0.324568	0.636516
ENSMUSG Rpl18a	304.3652	450.9967	343.1547	324.2177	291.9945	308.1053
ENSMUSG Olfr1445	0	0	0	0	0	0
ENSMUSG Hpdl	0.112986	0.308362	0.162006	0.202858	0	0.208894
ENSMUSG Alas1	103.046	106.5015	113.2939	63.61214	64.36257	96.320391
ENSMUSG Olfr1138	0	0	0	0	0	0
ENSMUSG Cntrob	1.815587	1.822656	2.00691	2.234402	2.053229	2.310867
ENSMUSG Troap	0.092056	0.136183	0.093839	0.221754	0.828709	0.903438
ENSMUSG Rbbp9	18.38042	20.45487	17.46368	14.2735	13.0781	11.944308
ENSMUSG Pdxk	15.6605	14.97348	12.81234	13.0508	12.88986	13.583035
ENSMUSG Col6a1	47.88211	45.00575	48.03088	67.45805	72.55175	76.930016
ENSMUSG Olfr1155	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.750481	0.114792	0

ENSMUSG Mgme1	3.162613	4.745905	3.904021	3.512247	3.799489	4.304985
ENSMUSG Olfr1157	0	0	0	0	0	0
ENSMUSG Olfr74	0	0	0	0	0	0
Mus_musc Mus_musc	0.704015	1.003135	0.888446	0.785856	0.968491	2.314228
ENSMUSG Bfsp1	0.487518	0.581522	0.27768	0.9551	0.676849	0.682589
ENSMUSG Vwde	0	0	0	0	0	0
ENSMUSG Lca5	2.264323	3.257471	1.856791	3.230448	2.901898	3.105097
ENSMUSG Drd2	0.037355	0.041925	0.059496	0	0.070733	0.117946
ENSMUSG Zfp109	1.811566	1.793266	1.72543	1.254792	1.36097	1.520068
ENSMUSG Ankk1	0.030068	0.051171	0	0	0	0.017984
ENSMUSG Kif23	1.045102	1.165469	1.364266	2.070187	2.765933	2.874858
ENSMUSG Glce	7.285555	7.212158	6.70825	5.896225	6.547281	6.817091
ENSMUSG Phip	8.444792	9.362319	7.418191	8.55755	7.899454	8.260255
ENSMUSG Fdx1l	4.140142	0.961242	4.232427	1.031935	4.91055	6.143477
ENSMUSG Irak1bp1	2.029006	1.437371	1.207917	1.510666	1.656094	1.797031
ENSMUSG Map3k10	6.853691	7.136596	8.181491	6.876494	6.914069	7.054714
ENSMUSG Clec2g	0	0	0	0	0.057607	0.020864
ENSMUSG Taf11	14.94322	15.43002	15.44884	11.70377	12.95065	13.397559
ENSMUSG Tspan32	1.276935	1.320774	1.528863	3.184133	1.780418	2.130886
ENSMUSG Snrpc	34.08258	37.15606	34.97704	35.46037	35.7381	35.11129
ENSMUSG Lhx2	0	0	0	0	0	0
ENSMUSG Grm8	0.016141	0.034175	0	0	0.017962	0.018008
ENSMUSG Ip6k3	1.195593	1.386442	1.505048	0.798234	0.857323	0.470565
ENSMUSG Nudt3	23.7666	24.90942	28.53412	21.54753	23.62331	23.124508
ENSMUSG MlIt1	20.22662	18.95946	17.93804	15.46279	15.53567	16.41185
Mus_musc Mus_musc	0	0.466602	0.153557	0.070923	0.416005	0
Mus_musc Mus_musc	0.177802	0	0	0.088811	0.195398	0
Mus_musc Mus_musc	0.228235	0.143469	0.332513	0.074784	0.057859	0.346096
Mus_musc Mus_musc	0	0	0	0.295746	0.171792	0
Mus_musc Mus_musc	0	0	0	0.278639	0	0.135032
Mus_musc Mus_musc	0.957093	0.679013	0.56029	0.349176	0.75182	0.401349
ENSMUSG Rcc1l	4.501777	4.012805	4.402894	3.652502	3.740523	4.620805
ENSMUSG Pcbp1	104.4105	103.233	108.8542	101.2265	98.93258	103.96257
ENSMUSG Cldn24	0.088674	0.054928	0.147108	0.714216	0.80163	0.495562
ENSMUSG Olfr99	0.401842	0.390137	0.340201	0.443951	0.442245	0.621402
ENSMUSG Alg13	1.784773	1.60326	1.741204	1.648386	2.05175	1.810205
ENSMUSG Trpc5	0	0	0	0	0	0
ENSMUSG Ubr7	13.58186	14.42911	13.86297	11.75833	12.20741	11.665855
ENSMUSG Gm20604	4.371278	3.267198	4.343435	4.737991	4.277913	4.812833
ENSMUSG Man2b1	33.77829	31.95475	38.40092	70.9023	69.2153	75.274488
ENSMUSG Klf5	11.88123	10.50608	7.76357	6.958718	8.978704	8.266155
ENSMUSG Ust	2.849423	3.344328	2.494852	2.519098	3.076693	2.399976
ENSMUSG Champ1	4.979721	5.227521	5.459417	4.826444	4.203013	4.448447
ENSMUSG Olfr736	0	0	0	0	0	0
ENSMUSG Ppp1r2	61.30443	64.52104	63.11685	42.3024	43.6253	40.652112
ENSMUSG Ubiad1	7.750012	7.92836	7.371646	7.554059	7.305898	7.131062
ENSMUSG Chst13	0.091684	0	0.083497	0.78123	0.948483	1.135426
ENSMUSG Ufm1	11.63985	11.66749	10.87119	11.99476	11.98831	11.125308
ENSMUSG Stoml3	0	0	0	0.164044	0.17935	0.105649
ENSMUSG Trpc4	0.016242	0.044031	0.035947	0.066891	0.078429	0.089203
ENSMUSG Hoxb8	0.156562	0.025826	0.151113	0.073833	0.16402	0.119203
ENSMUSG Top1mt	1.995327	2.17379	2.272426	2.599544	2.584262	2.576043
ENSMUSG Hoxa10	0	0	0	0	0	0
ENSMUSG Grn	85.36344	72.35972	95.64632	117.3747	129.4628	144.05249
ENSMUSG Vmn1r48	0	0	0	0	0	0
ENSMUSG Coq10b	22.31047	22.91674	23.2788	13.33581	16.27185	12.976356
ENSMUSG Arl16	8.045858	6.64597	6.800839	6.206131	8.205549	7.008175
ENSMUSG Trim30d	0.236977	0.11737	0.572605	0.189411	0.294604	0.217466
ENSMUSG Rdh19	0	0	0	0	0.027922	0
ENSMUSG Pax2	0	0	0	0	0	0
ENSMUSG Spryd4	5.337931	4.754781	4.214248	3.763121	4.761304	4.753016
ENSMUSG Wars2	2.557125	3.109815	2.544858	2.906958	3.054295	2.9063
ENSMUSG Plekhh3	5.091901	5.289433	5.045981	5.368732	4.922479	4.802378
ENSMUSG Rab11fip5	7.66926	7.555765	7.19068	9.833874	9.81002	12.257522

ENSMUSG Zfp52	1.92006	2.229397	2.452004	2.030775	2.260554	1.972611
ENSMUSG Olfr645	0	0	0	0	0	0
ENSMUSG Olfr309	0	0	0	0	0	0
ENSMUSG Olfr634-ps	0	0	0	0	0	0
Mus_musc Mus_musc	0.851875	0.816958	1.17176	0.727735	0.938884	0.70893
ENSMUSG Gtf2h4	4.70458	3.396291	4.783014	3.701886	4.248391	4.361589
Mus_musc Mus_musc	0	0	0	0.325506	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.056099	0.354888	0.205155	0.916781	0.392698	0.395158
Mus_musc Mus_musc	0.120796	0.300358	0.127299	0.180871	0.145394	0.429768
Mus_musc Mus_musc	0	0	0.168936	0.177971	0	0
ENSMUSG Olfr878	0	0	0	0	0	0
ENSMUSG Olfr1448	0	0	0	0	0	0
ENSMUSG Olfr877	0	0	0	0	0	0
ENSMUSG Olfr145	0	0	0	0	0	0
ENSMUSG Msx1	3.037558	2.660978	3.228077	2.051592	1.486013	2.544245
ENSMUSG Dpep3	0.084935	0.022174	0.048054	0	0	0.03764
Mus_musc Mus_musc	0	0	0.333244	0	0	0
ENSMUSG Gm428	0	0	0	0	0	0
ENSMUSG Acot6	0.625156	0.864924	0.741649	0.753765	0.746883	0.747221
ENSMUSG Esrp2	13.16725	12.16678	12.23553	11.04545	11.41046	11.001381
ENSMUSG Olfr251	0	0	0	0	0	0
Mus_musc Mus_musc	1.761596	4.58989	0.778605	1.219119	0.472918	1.786247
Mus_musc Mus_musc	0	0	0	0.05079	0.154145	0.090379
Mus_musc Mus_musc	0	0.193002	0	0	0	0
ENSMUSG Gm45208	0.278734	0.228959	0.453265	0.215488	0.126599	0.160579
Mus_musc Mus_musc	0.157327	0.341169	0.351281	0.332213	0.360709	0.198811
Mus_musc Mus_musc	1.012072	7.102797	2.642889	2.456844	0.860666	1.783445
Mus_musc Mus_musc	0.51148	0.376877	0.365187	0.33574	0.402886	0.616974
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.037209	0	0	0.289358	0	0.05308
Mus_musc Mus_musc	0.244201	0.045806	0.135724	0	0.122109	0
Mus_musc Mus_musc	0	0.462928	0	0	0	0
ENSMUSG Cr1l	46.45871	44.05158	43.06378	39.20877	37.11312	39.154279
ENSMUSG Ppfbp1	37.78724	37.83992	35.08567	27.87502	26.1768	26.864526
Mus_musc Mus_musc	0.101789	0.119985	0.238946	0.160657	0.396631	0
Mus_musc Mus_musc	0	0	0.279141	0	0.183775	0.292827
Mus_musc Mus_musc	0.743079	1.194649	0.930073	1.073729	1.13739	0.569938
Mus_musc Mus_musc	0.062868	0.094235	0.364696	0.387618	0.447207	0.512347
Mus_musc Mus_musc	0	0	0	0	0.27226	0
Mus_musc Mus_musc	4.832085	4.574984	6.236749	3.605155	3.140177	4.257284
Mus_musc Mus_musc	0.98886	1.017198	1.287965	1.223094	0.937953	0.778004
Mus_musc Mus_musc	0.537112	0.188421	0.517542	0.418625	0.182544	0.240048
Mus_musc Mus_musc	0.291674	0.057824	0.211998	0.498922	0.362495	0.15088
Mus_musc Mus_musc	1.023571	1.405993	1.200975	0.827601	2.044362	1.187054
ENSMUSG Gm21693	0	0	0	0	0	0
ENSMUSG Tvp23a	0.799698	0.476436	1.182377	0.819227	0.832407	0.784575
ENSMUSG Olfr47	0	0	0	0	0	0
ENSMUSG Mtnr1b	0	0	0	0	0	0
ENSMUSG Pga5	0	0	0	0	0	0
ENSMUSG Sixl1	0	0	0	0	0	0
ENSMUSG Ccdc62	0.499787	0.440043	0.295726	0.307517	0.271427	0.411876
ENSMUSG Zswim3	2.384347	2.003171	2.491122	2.278404	2.341444	2.508007
ENSMUSG Serpinb9	44.16863	45.3301	47.62066	38.86754	37.52629	38.043144
ENSMUSG Ptprcap	13.19118	8.215869	16.65362	23.81046	20.72547	22.37639
ENSMUSG Olfr574	0	0	0	0	0	0
ENSMUSG Zfp57	7.576826	6.361916	8.072882	5.37495	4.184471	4.976877
ENSMUSG Ccdc86	3.081453	2.594679	3.275347	3.37156	3.32257	3.524801
ENSMUSG Vps53	14.8413	13.88284	12.1493	13.71459	14.56235	15.599852
ENSMUSG Thoc7	16.03607	18.93489	19.10668	18.22999	18.83112	16.827095
ENSMUSG Glod4	27.06335	27.70202	24.70359	26.3578	25.31533	25.336156
ENSMUSG Vmn2r92	0	0	0	0	0	0
ENSMUSG Cd320	2.36031	2.693957	3.258189	3.858954	3.801855	3.724998
ENSMUSG Hps6	5.206155	5.183384	4.947336	5.151291	5.860796	5.298728

ENSMUSG Rnf181	84.62838	85.70853	93.1027	83.10852	75.24947	82.643785
ENSMUSG Adnp2	5.314214	4.956923	4.968752	4.574035	4.599887	4.664631
ENSMUSG Gm5767	0	0	0.055672	0	0	0
ENSMUSG Gm11596	0	0	0	0	0	0
ENSMUSG Gm11569	0	0	0	0	0	0
ENSMUSG Krtap4-9	0	0	0	0	0	0
ENSMUSG Gm14180	0	0	0	0	0	0
ENSMUSG Gm11214	0	0	0.079571	0	0	0
ENSMUSG Rps27l	52.55837	53.14481	48.37234	68.03322	65.96465	63.165355
ENSMUSG Klh13	4.645141	4.669688	4.697448	8.001005	7.246936	7.253509
ENSMUSG Slc35b4	7.694072	7.283889	7.559331	7.234759	7.123539	6.723432
ENSMUSG Gm9736	0	0	0	0	0	0
ENSMUSG Nars2	2.898717	2.323114	2.250893	2.422748	2.24046	2.054242
ENSMUSG Olfr1220	0	0	0	0	0	0
ENSMUSG Ppp1r14a	49.68167	36.09756	55.72937	29.39246	33.33518	31.295849
ENSMUSG Apopt1	15.84915	13.62107	15.64351	11.26313	12.82	14.839235
ENSMUSG Hoxc13	0	0	0	0	0	0
ENSMUSG Hoxc11	0	0	0	0	0	0
ENSMUSG Dzip1l	6.640019	6.17118	6.222909	5.278192	4.598464	4.409423
ENSMUSG Mbl1	0.826232	0.951244	0.893319	0.750185	0.280961	0.558804
ENSMUSG Nlrp9a	0	0	0	0	0	0
ENSMUSG Try4	0	0	0	0	0	0
ENSMUSG Vopp1	15.59491	15.13142	14.84737	16.20741	15.23306	14.220036
ENSMUSG Sel1l	30.52469	30.64962	30.54982	43.76894	45.52325	45.55364
ENSMUSG Tshr	0.089632	0.08667	0.035268	0.07508	0.025984	0.05567
ENSMUSG Gtf2a1	6.362809	6.473959	6.026011	6.047421	5.783584	5.725037
ENSMUSG Ston2	3.840422	4.396613	3.268685	4.019502	3.254485	3.780787
ENSMUSG Zfp26	2.644797	2.735591	2.348752	2.710016	2.733992	2.586969
ENSMUSG Ccl27b	0.380264	0.172647	0.544836	0	0.125342	0
ENSMUSG Olfr344	0	0	0	0	0	0
ENSMUSG Gm21425	0	0	0	0	0	0
ENSMUSG Olfr1510	0	0	0	0	0	0
ENSMUSG Gm3618	0	0	0	0	0	0
ENSMUSG Gm28305	0	0	0	0	0	0
ENSMUSG Sly	0	0	0	0	0	0
ENSMUSG Gm20905	0	0	0	0	0	0
ENSMUSG Gm20894	0	0	0	0	0	0
ENSMUSG Prok2	0	0	0	0	0	0
ENSMUSG Gm20696	0.24503	0.241157	0.20777	0.230679	0.211596	0.078152
ENSMUSG Foxp1	33.26208	27.06073	27.77025	20.38784	23.47376	23.282138
ENSMUSG Frmd4b	13.88965	13.14323	12.93178	12.92418	12.99883	13.191725
ENSMUSG Rpn1	53.68313	53.78886	57.56482	67.49575	71.6409	70.363182
ENSMUSG Uba3	20.94153	23.47338	22.57954	21.30674	20.50582	19.79187
ENSMUSG Hmces	8.179147	8.254604	9.584525	9.344278	7.289204	8.207509
ENSMUSG Katna1	10.03082	10.5881	11.12496	10.35374	10.76061	9.49113
ENSMUSG Vmn2r113	0	0	0	0	0	0
ENSMUSG Jchain	22.02229	26.12689	8.054847	2410.441	2371.735	1943.6035
ENSMUSG Fancf	0.922752	1.013948	0.87995	1.202199	1.103727	0.710177
ENSMUSG Paqr4	13.93428	13.45678	12.39182	9.167486	9.362797	9.768527
ENSMUSG lsg20l2	8.24596	9.088045	8.582545	8.589663	8.238685	8.930835
ENSMUSG Ccdc187	2.675913	2.703753	2.056254	2.623258	2.23296	2.567045
ENSMUSG Fcrl5	0.065953	0.107998	0.049736	0.461296	0.287395	0.621901
ENSMUSG Mtm1	6.12551	6.591464	5.464018	7.156771	5.790167	5.412487
ENSMUSG Zcchc13	0	0	0	0	0	0
ENSMUSG Abcb7	5.364968	5.156672	4.978743	5.946718	5.632248	5.605801
ENSMUSG Gnb3	0	0.040792	0.054909	0.075225	0	0
ENSMUSG Cela3b	0	0	0	0	0	0
ENSMUSG Slc25a13	2.627491	2.802839	2.234212	3.211997	3.273995	3.628371
ENSMUSG Sema6a	17.73137	16.123	16.01243	10.09132	12.28378	9.211047
ENSMUSG Unc5a	0.126656	0.127437	0.090705	0.179929	0.176753	0.147488
ENSMUSG Hk3	3.802969	4.364383	4.099818	13.7259	12.64467	16.284487
ENSMUSG Tspan17	21.91564	18.70929	22.13301	18.20231	17.6115	16.318805
ENSMUSG Thoc3	9.73717	8.739951	9.152939	9.110063	8.89959	9.411839
ENSMUSG Faf2	16.7242	15.15233	13.63292	15.98773	14.37952	15.359823

ENSMUSG Arl10	16.14034	16.18521	17.78785	15.5719	14.24833	15.433326
ENSMUSG 4833439L1	54.19913	54.76498	52.92437	43.27586	47.37295	46.597239
ENSMUSG Uimc1	14.62552	14.62266	16.77513	12.97633	12.67977	12.661185
ENSMUSG Hivep1	12.45856	12.28184	10.67182	10.43382	10.27054	10.242648
ENSMUSG Edn1	24.88775	20.91605	24.17734	8.559251	13.07785	13.663193
ENSMUSG Elovl2	0.011703	0.044846	0.013198	0.040785	0.039721	0.103892
ENSMUSG Gm14819	0	0	0	0	0	0
ENSMUSG Gcm2	0	0	0	0	0	0
ENSMUSG Gm9	0	0	0	0	0	0
ENSMUSG Gcnt2	28.25297	27.86233	25.5952	15.68972	16.57021	14.788606
ENSMUSG Tmem14c	44.66467	47.96005	46.66187	50.47725	50.741	56.618179
ENSMUSG Tbc1d7	2.444617	2.7838	3.059081	2.621298	3.342376	2.699022
Mus_musc Mus_musc	0.44282	1.272823	0.148277	1.332408	5.499132	7.719848
Mus_musc Mus_musc	2.237039	5.219165	1.444275	106.9514	10.5589	97.419373
Mus_musc Mus_musc	0.601451	4.060071	1.151973	8.81144	11.15739	36.844391
Mus_musc Mus_musc	1.96517	2.931283	0.847713	384.7147	241.4108	608.88123
Mus_musc Mus_musc	0.465028	0.153289	0.387099	37.75882	49.21517	37.547775
Mus_musc Mus_musc	0	0	0	9.170026	0.070703	1.141005
Mus_musc Mus_musc	3.306492	3.446736	1.324629	376.1733	181.9913	69.558892
Mus_musc Mus_musc	2.768138	2.575369	1.613216	409.7328	654.3733	3702.5825
ENSMUSG Gm11562	0	0	0	0	0	0
ENSMUSG Morf4l1	115.0209	109.2532	115.3944	93.24967	93.57477	95.646735
ENSMUSG Olfr1129	0	0	0	0	0	0
ENSMUSG Fbxw24	0	0	0	0	0	0
ENSMUSG Entpd2	3.507883	2.841723	2.115412	3.317998	3.198421	3.286844
ENSMUSG Cnep1r1	19.12294	20.42092	18.70846	14.87551	15.74479	15.54673
ENSMUSG Entpd8	0.303705	0.357075	0.088798	0.40728	0.290423	0.363001
ENSMUSG Slc6a20a	0.982003	0.739765	0.633264	6.469252	6.72248	7.744781
ENSMUSG Dpp10	0	0	0	0.002628	0.00288	0
ENSMUSG Atoh7	0	0	0	0	0	0
ENSMUSG Sun1	37.11318	35.53359	37.87044	25.13517	25.25117	24.592309
ENSMUSG Jmjd4	4.413967	4.040147	3.394054	3.418026	3.022731	2.871986
ENSMUSG Rabl6	23.94	21.52357	22.91177	18.25693	20.32715	20.603884
ENSMUSG Sepsecs	6.046478	5.663828	5.16485	6.378527	5.109817	5.916367
ENSMUSG Pgm2	10.28268	10.37412	10.87288	10.05213	9.122825	9.638912
ENSMUSG Cenpa	4.188183	2.720914	3.352822	7.102201	7.371199	8.711042
ENSMUSG Anapc4	10.36669	10.63192	10.47716	10.60476	9.36009	10.225204
ENSMUSG Slc35f6	11.31678	10.53344	11.90012	13.1828	13.37262	15.022036
ENSMUSG Tbc1d1	10.57484	8.598251	10.07111	8.128363	7.81388	8.045079
ENSMUSG Zcchc4	3.374382	3.740586	2.979428	3.254587	3.185206	3.569696
ENSMUSG Klf3	38.51888	38.88175	39.05546	24.91433	25.51182	27.692528
ENSMUSG Rps24	460.6053	485.1496	511.4828	447.0636	449.3482	434.40799
ENSMUSG Gadd45gjr	5.864472	5.587343	6.728024	5.543254	6.29214	6.460078
ENSMUSG Aco2	55.16129	61.31919	53.34375	58.72813	60.3995	63.236572
ENSMUSG Polr3h	3.512139	2.837458	2.812109	2.578203	2.498408	3.545623
ENSMUSG Hdac7	50.30947	47.0326	52.5047	35.89427	36.88061	35.965237
ENSMUSG Pmm1	10.53761	11.41259	11.34208	8.839549	10.41507	9.982291
ENSMUSG Desi1	17.04226	13.54813	14.416	14.17486	16.95204	16.454082
ENSMUSG Xrcc6	4.356593	4.977501	4.751131	5.318606	4.83252	6.359238
ENSMUSG Vdr	1.683089	1.682889	0.9951	3.759386	3.458828	3.561665
ENSMUSG Kcnh2	3.102526	4.078923	4.56665	3.735692	3.489054	2.979113
ENSMUSG Capn5	7.973645	6.392926	10.94365	8.152257	8.522964	9.16415
ENSMUSG Leng8	29.38777	23.06444	34.47691	25.4363	20.03897	23.248675
ENSMUSG Edem2	26.09896	25.70878	23.79568	52.32038	55.48791	51.119434
ENSMUSG Gc	0.267378	0.140001	0.131697	0.094979	0.118484	0.322658
ENSMUSG Osbpl8	12.41641	12.85897	12.0113	11.74435	12.8817	12.250631
ENSMUSG Nav3	0.091411	0.116266	0.061049	0.103079	0.079966	0.060662
ENSMUSG Snrpd3	8.488132	9.146873	10.66639	9.305094	8.926439	8.689774
ENSMUSG Cpm	22.83994	25.05991	18.30045	21.9672	18.2866	20.808968
ENSMUSG Ddc	2.621875	2.170462	1.987427	1.142574	0.971994	1.166863
ENSMUSG E2f7	0.326017	0.374753	0.299635	0.575877	0.569569	0.663935
ENSMUSG Mdm2	21.92295	21.22336	21.10458	25.36776	22.96186	22.655027
ENSMUSG Csrp2	21.71426	21.82009	18.43276	19.22456	21.81798	20.893846
ENSMUSG Gcgr	0.252118	0.239704	0.250081	0.227457	0.210923	0.172139

ENSMUSG Lhx1	0.060673	0	0.153144	0.019003	0.072813	0.121238
ENSMUSG Aatf	6.705405	6.761786	6.921468	6.469128	6.468859	6.826668
ENSMUSG Bhlhe22	0.356945	0.282408	0.07684	0.403817	0.329726	0.446861
ENSMUSG Ppp1r27	0	0	0	0	0	0
ENSMUSG 4921511C:	0	0	0	0	0	0
ENSMUSG Fam161a	6.84817	8.8725	4.727908	10.26764	10.01808	9.861679
ENSMUSG Alb	0.408788	0.445479	0.093438	0.074432	0.066178	0.081498
ENSMUSG L1td1	0.76725	0.816552	0.425941	0.160278	0.203064	0.277657
ENSMUSG Rsph14	1.215038	1.037584	0.513268	2.211	2.09704	1.877902
ENSMUSG Pcdhga1	1.264623	1.087056	1.161274	0.621838	0.604752	0.683197
Mus_musc Mus_musc	0.153288	0.369235	0.141244	0.065319	0.175646	0.138988
ENSMUSG Sc5d	8.30867	8.761235	9.792683	9.232943	8.640011	9.311354
ENSMUSG Oaf	1.635806	1.644217	1.443849	1.819588	1.954135	1.979893
ENSMUSG Pou2f3	0	0	0.056506	0.015081	0.021459	0.021171
ENSMUSG Zfp961	4.209205	4.016633	4.516424	4.252834	3.660634	3.808553
ENSMUSG Usp2	5.574147	6.644473	4.014374	3.2503	3.797576	3.206608
ENSMUSG Thy1	7.948279	7.258875	8.686521	13.09448	11.62245	14.552598
ENSMUSG Nectin1	5.22277	5.450723	6.395637	6.183456	5.563022	6.733224
ENSMUSG Trim29	0.777701	0.821478	0.637819	4.175778	3.437357	4.82046
ENSMUSG Gm20517	0	0.122072	0	0	0.051306	0
ENSMUSG Pgc	0.015985	0	0	0.136405	0.167122	0.084927
ENSMUSG Taf8	10.01912	11.13226	11.70769	9.806032	9.958203	10.752369
ENSMUSG Guca1a	0.484402	0.340435	0.92019	1.33811	0.777778	1.192464
ENSMUSG Bysl	4.216719	5.691025	5.600355	4.667388	4.625885	5.3665
ENSMUSG Slc36a4	7.995549	8.992028	7.576976	8.310332	9.211936	9.511708
ENSMUSG Kbtbd7	5.625642	5.957057	5.416018	5.086967	4.519025	5.129902
ENSMUSG Olfr323	0	0.00762	0	0	0	0
ENSMUSG Arap3	59.96134	53.4538	60.10664	36.15685	39.31715	35.974155
ENSMUSG Trim26	21.08139	20.68052	24.17646	18.27496	18.13995	16.762467
ENSMUSG Olfr980	0	0	0	0	0	0
ENSMUSG Scrt2	0	0	0	0	0	0
ENSMUSG Hdac3	15.83743	16.05275	15.44843	15.29775	15.49381	15.183462
ENSMUSG H2-M5	0.612685	0.604617	0.36887	0.536782	0.379131	0.535755
ENSMUSG AC125199	0	0	0	0	0	0
ENSMUSG Dusp7	35.41489	32.50409	35.27266	20.87542	19.86551	19.998041
ENSMUSG Kik1b26	0	0	0	0	0	0
ENSMUSG Abra	0.387929	0.376941	0.650679	0.204917	0.076206	0.212936
ENSMUSG Tcf712	4.391546	3.898281	4.532225	3.358405	3.662207	3.109898
ENSMUSG Cyp26a1	0.085372	0	0.068985	0.07734	0	0
Mus_musc Mus_musc	0	0.420413	0	0	0.193534	0
ENSMUSG Acsl5	53.08491	53.76991	55.30506	52.87852	50.75774	56.490273
ENSMUSG Vti1a	8.858468	7.769703	8.228195	8.038751	7.722951	7.494137
ENSMUSG Ccr2	5.684872	4.796458	10.72911	13.68005	10.90371	12.69288
ENSMUSG Cep55	0.422304	0.505962	0.548874	2.084125	2.09777	2.920049
ENSMUSG Themis	0.845771	0.395611	0.405237	0.920577	0.717858	0.896743
ENSMUSG Slc16a1	9.098899	7.596158	7.324657	9.704604	9.554675	11.878098
ENSMUSG Tex43	0	0	0	0	0	0
ENSMUSG Sec16b	0.261332	0.327887	0.211632	0.258621	0.314505	0.340099
ENSMUSG Atg12	10.26549	10.65812	8.954112	10.17103	10.15469	9.567655
ENSMUSG Astn1	0.032558	0.058419	0.021024	0	0.023182	0.005438
ENSMUSG Prrx1	2.294216	2.203772	1.937992	2.266494	2.166606	2.154554
ENSMUSG Kifap3	10.93194	10.24839	9.036222	7.945123	8.806272	7.496831
ENSMUSG Scyl3	5.889419	5.724644	5.636241	5.663491	5.671174	5.885438
ENSMUSG Sele	0.404151	0.267286	0.377554	0.527785	0.617264	0.80942
ENSMUSG Sell	14.80879	9.719943	19.43233	11.10804	6.743479	6.308455
ENSMUSG Selp	0.781304	0.937865	0.878733	1.805718	2.194613	2.068051
ENSMUSG Wdr83os	27.21698	25.46863	24.43246	20.05424	20.4061	22.005203
ENSMUSG Fbxo3	18.00621	18.08227	17.45158	14.90034	14.49054	15.360068
ENSMUSG Chchd2	159.1095	178.892	175.94	178.7389	175.2529	187.57124
ENSMUSG Ankrd54	13.60877	11.9181	13.42351	11.0736	11.7879	12.208598
ENSMUSG Npat	5.323985	4.907821	4.369698	3.856411	4.213898	4.440812
ENSMUSG Caprin1	52.48798	54.72335	50.98342	53.06218	50.87085	53.152832
ENSMUSG Nat10	4.309744	3.985938	3.662042	3.639019	4.042608	3.726768
ENSMUSG Elf5	10.27382	11.07114	8.816727	10.85239	11.89227	13.634074

ENSMUSG Cctfl	0	0	0	0.018878	0	0
ENSMUSG Pamr1	6.843845	6.509707	7.764457	5.100667	5.038607	5.777493
ENSMUSG Trim44	37.07649	38.11375	34.57034	29.75844	27.76896	26.474998
ENSMUSG Tmem132l	0	0	0	0.019589	0.056043	0.012279
ENSMUSG Pygb	22.46499	26.74825	22.08281	27.26555	26.7569	30.91428
ENSMUSG Prmt3	3.992349	4.219254	4.253895	3.903772	4.437871	4.813161
ENSMUSG Dbx1	0	0	0	0	0	0
ENSMUSG Slc17a6	0	0	0	0	0.036643	0.013356
ENSMUSG Asb7	3.336435	3.751276	3.432479	3.392972	3.260003	2.848233
ENSMUSG Tmem200l	7.590431	6.713241	7.785861	5.090798	4.476545	4.276617
Mus_musc Mus_musc	0	0	0	0	0.282083	0
ENSMUSG Prkag3	3.441278	2.782758	3.28292	0.838743	0.982135	1.35598
ENSMUSG Cryba2	0	0	0	0	0	0
ENSMUSG Gm20807	0	0	0	0	0	0
Mus_musc Mus_musc	2.165869	1.781309	2.681528	2.121274	2.066272	2.051913
Mus_musc Mus_musc	3.692379	6.673373	6.046181	5.79574	6.914253	5.616141
Mus_musc Mus_musc	0.275144	0.174542	0.315426	0.761169	1.13223	1.33052
Mus_musc Mus_musc	0.128604	0.211461	0.272384	0.217842	0	0
Mus_musc Mus_musc	0.374627	0	0	0	0	0.235505
Mus_musc Mus_musc	0.342749	0.203204	0	0.265619	0	0
Mus_musc Mus_musc	0	0	0	0.040491	0.216296	0.409037
ENSMUSG Olfr1413	0	0	0	0	0	0
ENSMUSG Rsl1	1.661186	1.696698	1.576401	1.492133	1.947132	1.714297
ENSMUSG Pla2g2a	0	0	0	0	0	0
ENSMUSG Vmn1r89	0	0	0	0	0	0
ENSMUSG Tstd3	3.010397	3.103004	3.550745	5.166443	5.468457	4.424529
ENSMUSG 2010005H	0	0	0	0	0	0
ENSMUSG Gm15085	0	0	0	0	0	0
ENSMUSG Atp5d	74.79902	83.74984	94.2918	78.05001	94.73321	106.24036
ENSMUSG Esp24	0	0	0	0	0	0
ENSMUSG Efna2	1.51934	1.489001	1.34483	1.052263	1.464155	1.039083
ENSMUSG Hd1bp	55.91486	57.17361	52.15192	63.44051	70.17773	71.405799
ENSMUSG Nlrp4b	0	0	0	0	0	0
ENSMUSG Ccdc174	8.448861	8.795465	10.98737	7.876448	6.62821	6.955005
ENSMUSG Ubp1	23.14105	24.53367	25.41576	23.34755	22.84852	24.959932
ENSMUSG C2cd4a	0	0.029534	0.159369	0.057257	0	0.028651
ENSMUSG Fam69c	0	0.021358	0.047393	0	0	0
ENSMUSG Cyp4	0	0	0	0	0	0
ENSMUSG Prrg1	5.338938	5.512848	4.530667	4.060095	4.405709	3.425076
ENSMUSG Gm11444	0	0.04589	0	0.079896	0	0
Mus_musc Mus_musc	0.314365	0.190476	0.021117	0.029909	0.118871	0.077704
Mus_musc Mus_musc	0	0	0	0.225265	0	0.39907
Mus_musc Mus_musc	0.345264	0.372147	0.331919	0.569159	0.68875	0.498859
Mus_musc Mus_musc	0	0.154309	0	0.522048	0	0
Mus_musc Mus_musc	0	0	0	0.696065	0	0
Mus_musc Mus_musc	0	0.064745	0	0	0	0
Mus_musc Mus_musc	0.721083	0.891281	1.396911	0.532719	0.816339	0.503037
Mus_musc Mus_musc	0.11514	0	0.072997	0.390569	0.301599	0
ENSMUSG Ina	0	0	0	0	0	0
ENSMUSG Fam151b	5.151988	4.155861	3.754624	4.469641	4.650285	4.647621
ENSMUSG Zbed4	4.328148	4.181912	3.106916	3.503469	3.568271	5.831256
ENSMUSG Smpd4	5.782071	4.813102	5.511376	5.167156	4.300491	4.506103
ENSMUSG Ccl28	0.518444	0.54099	0.219483	0.717142	1.172468	0.31489
ENSMUSG Nr2c1	5.239247	5.205075	4.263486	4.138738	3.784308	3.727982
ENSMUSG Trh	0	0	0	0	0	0
ENSMUSG Nr2c2	12.8145	12.01176	10.07801	9.520952	10.07305	9.78948
ENSMUSG Gm5689	0	0.044613	0	0	0	0
ENSMUSG Prl4a1	0	0	0	0	0	0
ENSMUSG Pttg1ip	114.297	115.8191	125.2054	90.26501	95.52721	90.61311
ENSMUSG Trpm2	0.952591	0.59877	1.217332	0.939227	0.721894	0.789869
ENSMUSG Ube2g2	31.05839	34.55535	40.92405	31.47635	29.2636	31.306685
Mus_musc Mus_musc	0.053723	0	0	0.063972	0.191315	0.253651
Mus_musc Mus_musc	6.547903	9.379912	5.461513	7.667148	7.12023	9.096062
Mus_musc Mus_musc	0	0	0	0	0.321883	0

Mus_musc Mus_musc	0	0.288022	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.075636	0.250247	0.142198
Mus_musc Mus_musc	1.29837	1.272362	0.620446	0.488309	0.608539	0.34008
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0.095034	0	0.236139	0.065089	0
Mus_musc Mus_musc	0.476708	0.871138	0.293171	0.319283	0.289254	0.321738
Mus_musc Mus_musc	0	0	0.096353	0.388257	0.109998	0.138834
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.505379	0.134208	0	0.200685	0.154504	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Prl2b1	0	0	0	0	0	0
ENSMUSG Prl6a1	0	0	0	0	0	0
ENSMUSG Dusp22	6.765947	6.369233	7.667804	7.375008	7.249015	7.187405
Mus_musc Mus_musc	0.257791	0.203847	0.388169	1.139242	0.897738	0.629516
Mus_musc Mus_musc	3.117424	0.419176	0.077257	205.5251	406.2145	221.58655
Mus_musc Mus_musc	0.587025	0.06273	0.274693	88.54459	75.56719	42.057957
Mus_musc Mus_musc	0	0.43145	0.076606	2.440328	2.3038	10.644647
Mus_musc Mus_musc	0.502388	0.22867	0.186914	0.716468	0.669314	4.274077
Mus_musc Mus_musc	3.667961	3.600366	0.821844	432.3594	623.1947	130.08359
Mus_musc Mus_musc	1.61681	0.420397	0.665783	50.45077	34.09126	51.57963
Mus_musc Mus_musc	2.311589	2.525007	0.99172	228.8519	605.8068	92.2239
ENSMUSG Olfr218	0	0	0	0	0	0
Mus_musc Mus_musc	0.484387	0.424147	0.181256	0.481236	0.585163	0.782222
Mus_musc Mus_musc	0	0	0	0.154452	0	0
Mus_musc Mus_musc	0.057593	0	0.089786	0	0	0
Mus_musc Mus_musc	0.117378	0.20599	0.276876	0.389555	0.253072	0.206274
Mus_musc Mus_musc	0	0	0	0	0	0.35196
Mus_musc Mus_musc	0	0	0	0.348032	0	0
Mus_musc Mus_musc	0	0.483588	0.387886	0	0.102865	0.17328
ENSMUSG Eef2k	4.467701	3.938774	3.791943	4.268825	4.212376	4.598263
ENSMUSG Xkr6	0.872367	0.875359	0.676434	0.442174	0.571511	0.4912
ENSMUSG Zc4h2	2.496776	2.779722	2.882649	2.508883	2.18133	2.24933
ENSMUSG Oma1	8.756865	9.948879	8.918285	9.722505	8.316242	9.496988
ENSMUSG Olig3	0.032034	0.092422	0.035548	0.025195	0.013515	0.079737
ENSMUSG Susd4	5.534663	4.778181	5.053138	5.105305	4.275677	4.800224
ENSMUSG Med6	13.20222	14.14084	15.91617	12.762	12.75175	11.115926
ENSMUSG Glb1	9.574909	8.695742	8.668699	17.09972	18.11391	18.961012
ENSMUSG Zfp553	4.801472	5.151515	4.228768	3.89403	5.005157	4.321831
ENSMUSG Gm17018	10.28798	11.65982	11.69928	12.79754	12.63519	13.535411
ENSMUSG Irgq	7.648425	6.914795	6.421962	6.018447	6.112755	6.998896
ENSMUSG Msmg	0	0	0	0	0	0
Mus_musc Mus_musc	24.37733	20.19994	56.79571	34.86912	27.71107	33.263427
Mus_musc Mus_musc	0.362874	0.108172	0.366462	0.12974	0.226035	0.131862
Mus_musc Mus_musc	0.340147	0.446844	0.552907	0	0.547852	0
ENSMUSG Tomm5	28.12476	28.34323	30.91916	37.17876	30.55503	36.634114
Mus_musc Mus_musc	0	0	0	0	0.295745	0
Mus_musc Mus_musc	0.043454	0	0	0.398563	0	0.038632
Mus_musc Mus_musc	0.114933	0.223425	0	0.789121	0.267032	0.590602
ENSMUSG Olfr361	0	0	0	0	0	0
ENSMUSG Bora	0.697429	0.890605	0.981271	1.259614	1.369849	1.467123
ENSMUSG Fbxw9	8.451653	8.033833	7.636347	8.243228	6.955	8.266198
ENSMUSG Mcm9	3.298297	4.234678	3.010027	3.566299	3.208087	3.181227
ENSMUSG Spock2	109.3096	91.17666	110.4959	67.39417	63.85908	69.716576
ENSMUSG Prp2	0	0	0	0	0	0
ENSMUSG Espl1	0.499216	0.573524	0.543575	1.29618	1.52577	1.868522
ENSMUSG Zfp68	13.80227	10.62134	13.12052	10.14371	7.922304	10.829928
ENSMUSG Pard6b	40.0161	33.72931	32.89846	21.27438	20.94025	19.220503
ENSMUSG Zbtb7c	0.411702	0.955051	0.314739	0.44858	0.562064	0.832537
ENSMUSG Csrnp3	0	0	0	0	0	0
ENSMUSG Krtap4-2	0	0	0	0	0	0
ENSMUSG Srr	9.092278	8.681117	8.465988	7.103845	7.073683	6.915159
Mus_musc Mus_musc	0.357704	0.304876	0.645592	0.287321	0.095088	0.402735
Mus_musc Mus_musc	0.717781	0.362414	0.181096	0.302515	0.297693	0.260529

Mus_musc Mus_musc	0.141398	0.073676	0.102616	0	0.300702	0.063513
Mus_musc Mus_musc	0.093487	0.180867	0.188509	0.435222	0.392705	0.200139
Mus_musc Mus_musc	0.122908	0.478675	0.273951	0.047972	0	0
Mus_musc Mus_musc	0.162895	0.049561	0.244899	0.124168	0.062555	0.086977
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Kcnj2	8.710753	4.652441	4.992957	4.433992	4.649545	4.713395
ENSMUSG Rasl12	21.22485	23.36525	23.2455	15.93142	15.85645	16.804542
ENSMUSG Cox6a1	198.3437	222.7753	257.2102	239.5585	217.9576	228.76141
ENSMUSG H2-M10.3	0	0	0	0	0	0
ENSMUSG Tpm3-rs7	117.0546	106.9188	125.3042	110.1532	108.6964	102.21111
ENSMUSG Ptges	3.031652	3.350335	3.404988	7.12593	7.33941	8.689446
ENSMUSG Slco1a1	0	0	0	0	0	0
ENSMUSG Arhgap42	8.045476	8.17172	6.990863	5.145451	4.841595	4.867027
ENSMUSG Vamp8	181.2447	193.431	193.5085	154.4507	140.1622	146.53602
ENSMUSG Tex45	0.134175	0.098632	0.0708	0.056747	0	0.034257
ENSMUSG Arhgap9	12.05262	10.45973	14.59031	18.02913	14.53565	17.440419
ENSMUSG Suclg2	10.7186	11.08834	9.013976	9.163653	8.84726	9.564064
ENSMUSG Dcaf17	3.107015	2.944267	2.832076	2.911556	2.722757	2.686553
ENSMUSG Znrf3	3.881036	4.529848	4.704389	3.80955	3.846961	3.938451
ENSMUSG Gucy2g	0.081124	0.180529	0.091885	0.0805	0.092183	0.094938
Mus_musc Mus_musc	13.58479	8.657952	10.00986	11.53076	17.18748	14.013837
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.174601	0	0.379141	0.287872	0.133618	0.148138
Mus_musc Mus_musc	0.58884	0.384483	0.730991	1.543934	1.802419	2.121871
Mus_musc Mus_musc	6.269525	6.081932	3.172504	3.171242	3.089594	4.920108
Mus_musc Mus_musc	0	0.191545	0.103642	0	0	0.097555
ENSMUSG Gata2	48.83436	52.08206	53.1823	26.067	30.00725	24.577109
ENSMUSG B3galt4	3.018738	3.116465	2.732702	4.78159	5.122223	4.844215
ENSMUSG Tspan6	7.629869	5.312304	5.358387	4.639132	3.174404	4.04328
ENSMUSG Reg1	0	0	0	0	0.223039	0
ENSMUSG Stfa2l1	2.971704	0.91849	2.416311	0.889601	0	0.337162
ENSMUSG Rps17	275.6417	293.917	304.8624	337.5	289.4374	299.94513
ENSMUSG Cfd	7.890051	21.43448	0.257252	21.51637	6.112049	16.504824
ENSMUSG Fbll1	0	0	0	0	0	0.036764
ENSMUSG Lingo3	0	0	0	0	0	0
ENSMUSG Mb21d2	6.513888	6.331479	6.130198	4.483807	5.264174	4.392857
ENSMUSG Tsen15	8.272388	6.815894	9.53406	7.463189	7.027329	6.854801
ENSMUSG Ccdc144b	0	0.008199	0.011281	0.026411	0	0.009318
ENSMUSG Yipf6	20.52748	22.26882	20.23191	20.76256	20.12507	21.8892
ENSMUSG Zdhhc17	9.003247	9.181112	9.092357	7.763956	6.921283	6.656448
ENSMUSG Fgf18	8.834384	9.186073	9.542565	7.487284	6.488252	8.321592
ENSMUSG Twist1	0.103949	0.099713	0.028537	0.131047	0.116855	0.117209
Mus_musc Mus_musc	0.421946	0.407822	0.416143	0.746449	0.385146	0.685626
ENSMUSG Itpk1	10.60564	9.693941	10.95381	10.73467	11.41084	13.115245
Mus_musc Mus_musc	0.145067	0.401951	0.135331	0.198809	0.383924	0.262911
ENSMUSG Sema3b	31.21917	26.05402	30.46025	16.87901	14.95748	16.966385
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.391085	0.196394	0	0.045541	0	0
Mus_musc Mus_musc	0.197545	0.270866	0.197616	0.102845	0.399515	0.216761
ENSMUSG AF067063	0.007011	0	0	0	0	0
ENSMUSG AI987944	5.526093	5.817668	6.956158	5.911016	6.78506	5.948332
ENSMUSG Gpr50	0	0	0.016514	0.033907	0	0
ENSMUSG Rps6kb2	8.071423	7.716886	7.171865	7.476028	7.122322	6.408786
ENSMUSG Als2cr12	0.188508	0.081007	0.163069	0.233008	0.151711	0.190787
ENSMUSG Tas2r123	0	0	0	0	0	0
Mus_musc Mus_musc	2.53816	2.285691	1.493234	1.635969	0.891026	0.792538
Mus_musc Mus_musc	0	0	0	0	0.135428	0
Mus_musc Mus_musc	0.138785	0.202072	0.474011	0.158718	0.091636	0.321145
Mus_musc Mus_musc	0	0	0	0.14453	0	0
Mus_musc Mus_musc	0	0	0	0.164857	0	0.326494
Mus_musc Mus_musc	0.289418	0.116952	0.233188	0.100771	0.2342	0.125155
Mus_musc Mus_musc	7.520161	8.331422	6.918524	6.267821	6.205501	6.334606
Mus_musc Mus_musc	0.49272	0.521476	1.134324	0.349613	0.47879	0.37131

Mus_musc Mus_musc	0.153864	0	0	0.124806	0	0.095529
Mus_musc Mus_musc	0	0	0	0.065554	0.074677	0.213454
Mus_musc Mus_musc	2.623538	2.025025	1.898932	1.299815	1.426614	1.282492
Mus_musc Mus_musc	0.72923	0.510103	0.572553	0.793213	0.525319	0.249874
ENSMUSG Gpr179	1.178689	1.219661	0.944166	0.613691	0.8962	0.684683
ENSMUSG Krtap9-1	0	0	0	0	0	0
ENSMUSG Esp4	0	0	0	0	0	0
ENSMUSG Vmn1r148	0	0	0	0	0	0
ENSMUSG Cfap54	1.160752	1.170544	0.690089	1.539953	1.467367	1.607764
ENSMUSG Zfp969	3.221924	6.343512	3.12482	3.645871	2.700485	5.062382
ENSMUSG Gm10719	0	0	0	0	0	0
ENSMUSG Gm10230	0	0	0	0	0	0
ENSMUSG Cfhr1	0	0	0	0	0	0
ENSMUSG Tmem235	0	0	0	0	0	0
ENSMUSG Isoc2b	0.443789	0.877562	0.887071	0.314357	0.416946	0.113923
ENSMUSG Plekhg3	5.597561	6.268022	5.509181	4.832628	5.019563	5.046107
ENSMUSG Cggbp1	37.20367	37.25597	34.713	28.48418	31.47393	31.114864
ENSMUSG Ywhab	103.4015	97.87799	100.2175	74.47949	79.36167	78.425026
ENSMUSG Tomm34	12.3044	11.35673	11.17203	11.94664	11.03579	10.855915
ENSMUSG Olfr507	0	0	0	0	0	0
ENSMUSG Spcs1	74.97759	81.664	82.32948	104.0293	110.7786	103.22443
ENSMUSG Glt8d1	13.03373	14.43799	15.88696	12.08348	12.46842	13.274864
ENSMUSG Parg	8.928368	8.558807	8.57785	8.276616	8.597947	8.623953
ENSMUSG Nisch	87.52572	80.73497	88.74275	68.51103	64.0171	69.736882
ENSMUSG Ogdhl	0.091465	0.213496	0.043334	0.171539	0.2064	0.262501
ENSMUSG Chat	0	0	0	0	0	0
ENSMUSG Nek4	2.558618	3.327382	2.629018	2.863637	2.939837	3.477378
Mus_musc Mus_musc	0.232625	0.302035	0.527297	0.206626	0.889131	0.666374
ENSMUSG Camkmt	2.974375	2.589493	2.101746	2.486687	2.676606	3.021174
ENSMUSG Gm10309	1.340415	1.297583	1.307928	0.478567	1.037935	0.618425
ENSMUSG Slitrk5	0	0.019165	0.01675	0.010806	0	0
ENSMUSG Vmn1r93	0	0	0	0	0	0
ENSMUSG Eefsec	5.930979	4.119982	4.426203	4.156035	4.099987	3.670318
ENSMUSG Slc9c1	0	0	0	0	0	0.026168
ENSMUSG AA467197	0.131697	0.214985	0.359369	16.44392	11.64362	14.877099
ENSMUSG Gm9758	0	0	0	0.203839	0	0
ENSMUSG Olfr1564	0	0.017767	0	0	0	0.003637
ENSMUSG Atf5	31.54838	28.33485	34.10921	27.26506	27.56731	24.343364
ENSMUSG Ubn2	6.384396	7.032682	5.996922	5.824696	5.636718	5.543182
ENSMUSG Rgs4	5.559107	5.509198	4.285872	4.111006	4.958043	4.244112
ENSMUSG Cbfa2t2	4.757767	5.372052	4.949984	4.251662	4.563303	4.679052
ENSMUSG Olfr175-ps	0	0	0	0	0	0
ENSMUSG Zfp280d	7.279223	8.137533	7.911001	6.410319	6.65767	5.972077
ENSMUSG Osbp17	5.407526	4.091455	5.121211	4.464087	4.452561	4.466921
ENSMUSG Mc3r	0	0	0	0	0	0
ENSMUSG Il4ra	40.34715	37.86502	36.97654	30.73013	31.18708	34.343238
ENSMUSG Lat	5.276067	3.916283	7.38472	8.157867	7.437143	8.749625
ENSMUSG Spns1	21.25182	23.54566	24.76471	19.90179	21.53764	22.87837
ENSMUSG Dgat2	4.726389	7.970416	3.468643	4.138346	3.314161	2.917911
ENSMUSG Rps3	211.981	229.9808	228.6281	261.8144	249.4882	260.0256
ENSMUSG Il21r	2.465975	1.102673	2.09094	4.599771	3.935774	5.034925
ENSMUSG Chst12	17.73957	14.56108	17.60929	17.14234	16.78718	15.325642
ENSMUSG Ccdc113	5.752404	7.325078	3.386462	7.302531	6.45741	5.70434
ENSMUSG Arhgap21	19.5379	18.88338	18.00951	14.64704	14.20608	13.96653
ENSMUSG H2-Aa	146.6617	133.4119	234.7817	343.8049	284.8869	348.29668
ENSMUSG Cpz	0.52163	0.633665	0.396341	0.812179	1.044729	1.382012
ENSMUSG Gm8374	0	0	0	0	0	0
ENSMUSG Vmn2r105	0	0	0	0	0	0
ENSMUSG Lsp1	56.08157	44.54101	60.43787	58.01308	50.07614	50.283033
ENSMUSG Vmn2r96	0	0	0	0.020264	0.009171	0.005781
ENSMUSG Hmcn1	12.76095	8.700514	8.078499	6.518733	6.449676	8.733679
ENSMUSG Dppa2	0.057324	0	0	0	0.021744	0
ENSMUSG Vsig8	0.219353	0	0.242101	0.203389	0.139009	0.22039
ENSMUSG Lce1h	0	0	0	0	0	0

ENSMUSG Gm2115	0.178783	0.332022	0.190511	0.130136	0.153826	0.149385
ENSMUSG AC122413	0	0	0	0.035914	0	0
ENSMUSG Sec13	44.08887	41.27791	45.10483	43.15916	42.91487	46.923046
ENSMUSG H2-M10.5	0	0	0	0	0	0
ENSMUSG Clic4	267.0389	252.0123	269.2453	173.8556	195.0782	172.00568
ENSMUSG Med21	19.40821	19.98913	26.58276	20.18478	18.76974	17.172974
ENSMUSG Smco2	0	0	0.03204	0	0	0
ENSMUSG Zfp804b	0	0	0	0	0	0.022618
ENSMUSG Gm9195	0	0	0	0	0	0
ENSMUSG Rhox2e	0	0	0	0	0	0
ENSMUSG Olfr1280	0	0	0	0	0	0
ENSMUSG L3mbtl2	7.393428	7.778836	7.409145	7.423937	7.360185	7.182121
ENSMUSG Zc3h7b	32.08201	30.88541	28.80436	20.65992	20.82949	20.28558
ENSMUSG Rangap1	20.55061	21.28726	21.03005	18.41496	21.15018	21.028216
ENSMUSG Esp36	0	0	0	0	0	0
ENSMUSG Gbp6	2.39362	3.06329	19.3191	13.53744	3.013638	3.902179
ENSMUSG Gm20388	0	0	0	0	0	0
ENSMUSG Olfr1324	0	0	0	0	0	0
ENSMUSG Mcmbp	14.11385	14.9197	14.27856	11.45455	12.92106	11.669874
ENSMUSG Slc5a1	1.112473	1.049164	0.711578	5.377498	5.792058	6.882996
ENSMUSG Usp31	4.772823	5.539646	4.698241	4.134266	3.890617	4.219965
ENSMUSG Asb8	11.12581	10.91351	12.98327	11.97184	11.44045	10.619166
ENSMUSG 4-Mar	1.068513	1.565292	0.708582	1.808384	2.127874	1.7222
ENSMUSG Porcn	11.23951	10.9828	8.818099	7.242844	6.959108	8.720995
ENSMUSG Wdr17	0	0	0	0.039965	0	0
ENSMUSG Churc1	17.49352	20.51696	19.16454	20.30337	19.72055	18.358166
ENSMUSG Hlx	19.35626	14.05806	19.46459	9.910365	10.05713	10.326154
ENSMUSG Was	6.493488	6.378287	8.799824	13.33264	10.87121	13.669121
ENSMUSG Rbm3	104.1721	72.97843	88.94621	80.9131	72.02131	73.864565
ENSMUSG Wdr13	16.08381	17.00624	15.20059	15.31216	14.50139	15.584561
ENSMUSG Hdac6	3.39863	2.76505	3.115348	3.203906	3.343606	3.567198
ENSMUSG Eras	0	0	0	0	0	0
ENSMUSG Glod5	0.112316	0	0	0	0	0
ENSMUSG Gata1	0.370626	0.277465	0.408484	0.850864	1.163521	1.273393
ENSMUSG Vmn1r86	0	0	0	0	0	0
ENSMUSG Vmn1r85	0	0	0	0	0	0
ENSMUSG Zswim9	2.524969	2.92236	2.202576	2.315018	1.997256	2.322039
ENSMUSG Vmn1r87	0	0	0	0	0	0
ENSMUSG Sult2a6	0	0	0	0	0	0
ENSMUSG Sult2a2	0	0	0	0	0	0
ENSMUSG Klc1	62.01136	59.02968	66.54759	44.89473	45.70611	47.001928
ENSMUSG Scn10a	0.016634	0.017654	0.037185	0	0	0.016404
ENSMUSG Fbxo16	0.530634	0.311475	0.209819	0.607067	0.502826	0.761517
ENSMUSG Ppp1r13b	27.34655	25.57127	24.06855	17.35114	17.3032	17.347662
ENSMUSG Xrcc3	3.218849	2.685428	4.296459	3.141064	2.544799	2.958232
ENSMUSG Zfyve21	60.00735	55.82081	62.03235	32.49036	35.09921	33.893002
ENSMUSG Tnfaip2	14.96178	11.47881	16.35994	12.42055	9.889076	11.379075
ENSMUSG Zfp418	1.63577	1.495441	1.126076	1.344362	1.103643	1.396503
ENSMUSG Eif5	54.65238	51.70648	52.16571	55.43556	57.24482	52.147887
ENSMUSG Smoc1	0.902381	0.986161	0.318405	0.642094	0.469788	0.398614
ENSMUSG Slc10a1	0.059237	0.033615	0.129314	0.149839	0.066024	0.116788
ENSMUSG Srsf5	114.9292	81.10592	112.0429	90.80255	64.13662	68.562363
ENSMUSG Susd6	46.19438	44.58127	44.97756	38.79854	41.63436	40.510852
ENSMUSG Erh	23.85746	22.53568	26.37163	27.99404	27.18888	29.327409
ENSMUSG Galnt16	0.511006	0.528696	0.43141	0.974845	0.960262	0.862022
ENSMUSG Lyst	8.659023	8.592978	7.738504	9.483057	11.36038	10.148671
ENSMUSG Gm20498	0.789468	0.219818	0.052236	0	0.337352	0.276256
ENSMUSG Slc13a1	0	0	0	0	0	0
ENSMUSG Rbm28	15.11494	13.98943	13.48703	11.76562	10.1588	12.941032
ENSMUSG Lrwd1	7.325903	6.718715	5.997386	7.755243	7.432389	8.853761
ENSMUSG Glyr1	39.64108	40.57301	38.1589	38.39394	40.07963	38.044368
ENSMUSG Cux1	28.17899	30.52121	25.85719	24.7757	28.62968	27.900704
ENSMUSG Mefv	0.524445	0.312456	0.897185	0.958836	1.03785	1.075605
ENSMUSG Fscn3	0	0	0	0	0	0

ENSMUSG Gcc1	9.302041	9.11802	10.12033	8.045442	9.069988	8.841128
ENSMUSG Tmsb15b2	0.189987	0.062112	0.263645	0.284302	0.206909	0.23816
ENSMUSG Lsg1	7.034859	7.842186	6.324561	6.543035	5.571609	6.038992
ENSMUSG G6pd2	0	0	0	0	0	0
ENSMUSG Phf6	5.854884	6.418749	5.902794	5.924138	6.207919	6.329907
ENSMUSG Atg9b	0.073053	0.055558	0.081272	0.106125	0.08853	0.120258
ENSMUSG Galnt18	68.77563	67.17256	74.49893	49.53192	48.45776	45.822739
ENSMUSG Smg6	8.7116	10.19453	8.990554	9.10735	8.661233	9.171988
ENSMUSG Snx25	46.15031	45.64486	42.39557	40.76237	45.52954	40.247638
ENSMUSG Ccdc155	0.396179	0.654196	0.45502	0.405636	0.441228	0.691553
ENSMUSG Pdzk1	0	0	0	0	0.01761	0.013201
ENSMUSG Wdr36	8.364697	8.667055	8.237383	7.336511	9.169164	6.646188
ENSMUSG Ssh1	9.198536	8.495795	8.559374	8.950355	8.54785	9.285061
ENSMUSG Brms1l	8.692761	8.054484	8.873094	8.113544	8.046376	7.482094
ENSMUSG Lce1f	0	0	0	0	0	0
ENSMUSG Rassf4	9.57006	11.09357	9.918081	13.67188	13.68696	15.567828
ENSMUSG Sh2d2a	1.344779	1.079881	2.103433	2.469737	1.596179	2.646376
ENSMUSG Naxe	53.33683	55.02086	54.98826	50.14118	48.1547	53.469032
ENSMUSG Pear1	16.57317	13.09581	15.48759	9.535076	10.64092	9.351682
ENSMUSG Ntrk1	0.057398	0.04627	0.015147	0.526822	0.339552	0.353569
ENSMUSG Cd1d1	5.768294	4.645019	5.681021	4.682735	3.871516	4.629738
ENSMUSG Dclk2	0.875644	1.041377	1.339553	1.2657	0.892439	1.107481
ENSMUSG Ylpm1	9.868985	9.841895	8.976433	8.054616	9.167465	8.890565
ENSMUSG Dld	24.537	24.81889	26.50137	25.53872	27.88071	23.775122
ENSMUSG Pomc	0.266814	0.355222	0.294788	0.230576	0.262383	0.196901
ENSMUSG Dnmt3a	6.949395	7.520582	6.663856	11.60649	12.0307	13.147087
ENSMUSG Kif3c	7.004701	6.426588	8.024296	4.715912	5.046339	4.529325
ENSMUSG Sh3yl1	3.023706	3.724805	3.399575	2.633511	3.141819	2.768635
ENSMUSG Cib2	4.451543	3.738362	4.868144	4.524177	4.620799	3.843876
ENSMUSG 4930512M	0	0	0	0	0	0
ENSMUSG Tarbp1	2.672644	2.549867	2.130802	1.701329	2.134678	1.986191
ENSMUSG Adig	0.40879	1.489464	0.304727	0.887978	0.446348	1.116483
ENSMUSG Sowahd	0	0	0	0	0	0
ENSMUSG Sptssa	39.19816	37.52073	39.40666	37.09572	34.46118	33.165015
ENSMUSG Arfgap1	11.66932	11.06063	12.28852	12.61537	11.22086	10.884671
ENSMUSG Nkain4	27.60373	28.63036	25.70423	14.74834	12.30613	14.648792
ENSMUSG Chrna4	0	0	0.152335	0	0.143167	0.068138
ENSMUSG Col9a3	0.230996	0.058816	0.156346	0.138592	0.100211	0.169916
ENSMUSG Gid8	19.01646	18.09795	17.72111	18.49523	18.77586	17.533973
ENSMUSG Srms	2.34687	2.674453	2.136759	2.159376	2.750907	2.232809
ENSMUSG Gm11937	0	0	0	0	0	0
ENSMUSG Cd300c	0	0	0.14029	0	0	0
ENSMUSG Lin9	2.481093	2.173357	2.558073	2.468932	2.5503	1.98143
ENSMUSG Vmn1r177	0	0	0	0	0	0
ENSMUSG Podxl2	2.966025	2.554472	2.89703	2.76791	2.12549	2.182214
ENSMUSG Lpcat2b	0	0.048478	0.085743	0	0.019193	0.037804
ENSMUSG Cst10	0	0	0	0	0	0
ENSMUSG Abhd10	3.123941	1.934627	2.957206	2.798604	2.264592	2.566321
ENSMUSG Cnppd1	26.35574	25.32321	26.17392	21.87504	24.28137	22.500628
ENSMUSG Tubgcp5	7.249843	7.079512	6.998461	5.919332	5.964114	6.62152
ENSMUSG Atp6v1h	26.2099	26.28067	26.30108	27.50043	30.11008	28.53628
ENSMUSG Olfr165	0	0	0	0	0.107707	0.007221
ENSMUSG Polr1b	2.707408	2.557431	2.342491	2.151872	1.85658	2.62675
ENSMUSG Ttl	13.31484	14.47475	13.53515	9.586616	11.13382	10.120228
ENSMUSG Slc20a1	11.24469	10.03503	13.08545	9.114617	8.701215	10.142064
ENSMUSG Il1a	8.084828	6.173231	8.949722	6.661451	5.338985	6.736654
ENSMUSG Il1b	15.54088	11.64472	21.15116	13.744	11.74537	9.998012
ENSMUSG Por	126.9056	119.509	95.67989	94.39555	86.91435	97.963929
ENSMUSG Ndufs3	32.04185	36.04014	40.58976	42.451	39.20461	39.090569
ENSMUSG Atf3	22.8798	4.768421	10.06869	18.6617	19.75754	24.700825
ENSMUSG Slc9b1	0	0.04805	0.021793	0.070288	0	0.026628
ENSMUSG Nek2	1.764069	2.067323	0.957235	5.482344	5.983759	5.910854
ENSMUSG Lpgat1	17.39844	18.59871	15.90483	18.03283	18.57333	18.690866
ENSMUSG Mark1	1.689877	1.877119	2.250261	1.823336	1.886075	2.127349

ENSMUSG	1-Mar	0.087213	0.18895	0.176227	0.107267	0.150843	0.082781
ENSMUSG	Ppp2r5a	65.4827	69.97845	65.20137	56.50837	57.22401	54.192853
ENSMUSG	Tmem206	6.23618	6.540453	5.892382	6.461725	6.560915	7.172685
ENSMUSG	Ccr6	2.39866	2.592963	2.992029	8.255553	8.164903	6.14263
ENSMUSG	Kcnd3	0.50611	0.344543	0.306013	0.224019	0.253112	0.239601
ENSMUSG	Foxa3	0.142616	0.199761	0	0.788156	0.856109	0.995709
ENSMUSG	Gm6465	0	0	0	0	0	0
ENSMUSG	Ldlrad2	0	0	0	0	0	0
ENSMUSG	Gm867	6.986	5.733541	3.647743	8.04983	8.497508	8.91433
ENSMUSG	Slbp	16.17482	15.25892	18.11455	16.53793	16.06483	16.597822
ENSMUSG	Kdm4b	11.28383	10.70445	11.74451	8.815567	9.023042	9.01134
Mus_musc	Mus_musc	0	0	0.121583	0.322985	0.109257	0.068721
Mus_musc	Mus_musc	0	0.989967	0	0	0	0.14091
Mus_musc	Mus_musc	0	0	0	0.225021	0	0
Mus_musc	Mus_musc	0	0	0	0	0	0.224343
Mus_musc	Mus_musc	0.456671	0.346937	0.339893	0.225638	0.25467	0.27693
Mus_musc	Mus_musc	0.166042	0.105881	0.451168	0	0	0.103742
Mus_musc	Mus_musc	0.247654	0.128891	0.203837	0.368217	0.297145	0.35118
ENSMUSG	Greb1l	0.098536	0.122832	0.099155	0.210493	0.182746	0.304572
ENSMUSG	Gm28490	0	0	0	0	0	0
ENSMUSG	Gm4969	0	0	0.012859	0	0	0.027711
ENSMUSG	Gm21256	0	0	0	0	0	0
ENSMUSG	Pitpnb	35.96103	37.47377	35.24712	27.92714	28.50831	27.600948
ENSMUSG	Gm8122	0	0	0	0	0	0
ENSMUSG	Arl14	0	0.036906	0	0	0	0
Mus_musc	Mus_musc	0.494946	0.137922	0.21661	0.202078	0.107206	0.351711
ENSMUSG	Gm43720	0.264557	0.062677	0.289705	0.298456	0.342159	0.243256
Mus_musc	Mus_musc	0.275774	0	0.620736	0.796294	0.12456	0
Mus_musc	Mus_musc	0.214046	0.204286	0	0	0.106352	0
Mus_musc	Mus_musc	1.539487	1.472098	2.166723	1.864429	0.982221	1.414092
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0	0	0.337872	0	0	0
Mus_musc	Mus_musc	0.228188	0	0.250399	0	0	0
ENSMUSG	Gm20924	0	0	0	0	0	0
ENSMUSG	Nupr1l	2.574866	1.719918	2.113296	3.212135	3.120186	2.782345
ENSMUSG	Sirpb1a	2.447181	2.492237	3.860282	5.055155	3.994869	3.640873
ENSMUSG	Tspan31	28.2865	30.71861	34.87263	30.63637	33.07734	31.572845
ENSMUSG	Mettl1	2.409287	2.152641	2.448395	3.191281	3.086093	3.418604
ENSMUSG	B4galnt1	26.26245	26.52285	27.01271	41.11546	39.5867	44.397612
ENSMUSG	Ccdc88b	3.763885	3.186925	5.167358	7.074089	5.375979	6.8452
Mus_musc	Mus_musc	0	0	0	0	0.186692	0
Mus_musc	Mus_musc	0.336309	0.553116	0.089697	1.133562	0.996017	0.99538
Mus_musc	Mus_musc	0.173912	0.486809	0.098391	0.239671	0.121042	0.252328
ENSMUSG	Tigd4	0.008808	0.00687	0	0	0	0.052716
Mus_musc	Mus_musc	0.175291	0.33196	0.498161	1.053773	1.367223	1.173592
Mus_musc	Mus_musc	0.320843	0.544966	0.064153	1.638542	17.95604	45.397491
Mus_musc	Mus_musc	4.533398	4.897858	1.240685	435.8841	3684.451	1010.2493
Mus_musc	Mus_musc	0	0	0	0.448819	0.810337	67.392784
Mus_musc	Mus_musc	0	0.571416	0	1.461192	2.043614	75.37571
Mus_musc	Mus_musc	0.740883	0.745591	0.671852	254.9734	230.4556	113.57401
Mus_musc	Mus_musc	0.235894	0.359521	0	4.955039	1.859828	34.280502
Mus_musc	Mus_musc	1.108873	0	0	72.08485	73.22037	22.578323
Mus_musc	Mus_musc	0.103874	0	0	3.21466	6.304079	37.590157
Mus_musc	Mus_musc	0	0	0	0	0	0
ENSMUSG	Acyp1	10.25488	9.795138	9.206131	11.72879	9.35627	11.345617
ENSMUSG	Cox8c	0	0.067721	0	0	0	0
ENSMUSG	Jdp2	24.61945	29.58693	26.02032	15.86454	19.04384	20.307969
ENSMUSG	Thoc5	10.62601	11.523	11.08044	10.28313	10.45308	10.469839
ENSMUSG	Igsf9b	0.19085	0.36724	0.255434	0.411779	0.389563	0.473472
ENSMUSG	Pcdhb19	0.422109	0.596635	0.39988	0.330406	0.382879	0.316146
ENSMUSG	Olf131	0	0	0	0	0	0
ENSMUSG	Dnajc17	6.823899	6.277217	5.817674	5.119485	5.117052	5.051693
ENSMUSG	Olf1571	0	0	0	0	0	0
ENSMUSG	Olf130	0	0	0	0	0	0

ENSMUSG Snd1	31.38302	30.44915	30.02519	39.99139	40.97455	41.504978
ENSMUSG Tmem79	1.82318	2.432227	2.499196	2.163058	3.129731	2.523315
ENSMUSG Olfr815	0	0	0	0	0	0
ENSMUSG Vmn1r230	0	0	0	0	0	0
ENSMUSG 1190002N	32.28072	31.92495	32.72717	20.81956	19.91402	18.680309
ENSMUSG Akr1e1	1.995044	2.831417	2.232295	2.935285	2.237316	2.18912
ENSMUSG 2410002F2	9.845398	8.89534	8.394764	7.98588	6.702354	6.278466
ENSMUSG Mecr	5.226908	7.331596	6.266619	6.139263	6.034075	6.202888
ENSMUSG Srsf4	40.74816	39.25298	40.73819	32.70013	30.61974	30.161605
ENSMUSG Plekhn2	11.22758	11.15605	11.34009	14.91238	14.83954	14.847769
ENSMUSG Casp9	7.309877	7.588661	6.484038	6.736465	7.567264	7.235981
ENSMUSG Arhgef19	3.862476	4.486898	3.074057	4.25271	4.125256	4.449626
ENSMUSG Gast	0	0	0	0	0	0
ENSMUSG Cntnap1	0.477858	0.628103	0.844901	0.621148	0.61382	0.865218
Mus_musc Mus_musc	0.852383	0.702254	0.69896	0.277764	0.278341	0.322813
ENSMUSG Olfr215	0	0	0	0	0	0
Mus_musc Mus_musc	0.106937	0	0	0	0.186692	0
Mus_musc Mus_musc	0.939318	0.730465	0.80656	0.931006	1.205755	1.064534
Mus_musc Mus_musc	2.101239	2.633516	2.169058	2.121349	1.335098	1.90404
Mus_musc Mus_musc	2.853804	2.710727	2.150669	1.454235	1.130464	1.415551
ENSMUSG Arpp19	19.37308	18.84688	17.78298	16.58981	13.02345	13.884296
ENSMUSG Psmc3ip	2.94846	2.499763	2.725094	3.499257	3.112265	3.354926
ENSMUSG Atp6v0a1	30.18261	24.65955	25.61824	34.84176	33.70368	37.6837
ENSMUSG Hsd17b1	0.189717	0.236551	0.253199	0.260439	0.262959	0.156677
ENSMUSG Gm11567	0	0	0	0	0	0
ENSMUSG Zfp341	1.347996	1.559885	1.346436	1.618373	1.276231	1.275346
ENSMUSG Fkbp7	19.33551	17.08651	16.41709	13.73206	14.09802	12.37212
ENSMUSG Gm9922	0.149128	0.078041	0.316901	0.950888	0.268236	0.552559
ENSMUSG Prkra	8.848177	11.61019	9.59836	10.34523	9.036304	10.048763
ENSMUSG Ppfia2	0.05654	0.121691	0.077167	0.16592	0.065072	0.10032
ENSMUSG Magea5	0	0	0	0	0	0
ENSMUSG C1s2	3.2484	3.976034	3.244009	4.372934	4.28501	5.518751
ENSMUSG Lipo1	0.071172	0	0	0	0	0
ENSMUSG Lipo4	0	0	0	0	0	0
Mus_musc Mus_musc	0.284067	0.097649	0.040749	0.267822	0.379219	0.101806
Mus_musc Mus_musc	0	0.515125	0.371088	0.179535	0.079334	0.308405
ENSMUSG Gm10197	0	0	0	0	0	0
ENSMUSG Pfdn5	117.6332	120.4013	127.1359	109.9823	107.8748	102.98518
ENSMUSG Rarg	35.28824	39.23018	38.17774	27.94937	22.86549	27.163213
ENSMUSG Asb18	0.011442	0.03624	0	0	0	0
ENSMUSG Ces1b	0.221923	0.067019	0.068899	0.388081	0.243537	0.17387
ENSMUSG Sp1	19.05288	18.70987	16.81493	16.2787	16.05878	15.238661
ENSMUSG Hsbp111	0.1234	0	0	0.295452	0.163113	0.209952
ENSMUSG Myg1	12.12249	11.31268	10.87096	10.95418	10.61502	11.354412
ENSMUSG Adgre5	295.8916	266.5793	327.4469	188.8226	212.3304	187.19642
ENSMUSG Nab1	22.8241	22.62629	25.13598	21.92282	21.42273	19.840936
ENSMUSG Gm10251	0	0	0	0	0	0
ENSMUSG Polr3d	5.38615	6.401006	6.621009	6.227738	6.673829	6.832159
ENSMUSG 1-Sep	11.49774	7.522281	12.95289	17.21155	12.73212	16.496293
Mus_musc Mus_musc	0	0	0.308433	0	0	0
ENSMUSG Fsbp	0.108227	0.0185	0.137614	0.070656	0.180267	0.09829
ENSMUSG Pdgfb	44.92891	42.15602	46.45864	26.30669	22.03532	24.316112
Mus_musc Mus_musc	0.368762	0.353646	0.335456	0.384552	0.468766	0.281424
Mus_musc Mus_musc	0.352651	0.8677	0.42955	0.345312	0.676094	0.188658
ENSMUSG Tmem86a	6.822635	6.141526	5.799834	11.01852	11.0901	11.088998
Mus_musc Mus_musc	13.92034	13.75914	16.28792	13.13204	12.39115	11.439661
ENSMUSG Apol10a	0	0.027575	0	0.05746	0	0.018218
ENSMUSG Mtmr14	12.62551	11.04389	12.02039	11.30119	13.2867	12.660488
ENSMUSG 4930578G	0	0.300468	0.12593	0.108018	0	0
ENSMUSG Carhsp1	58.94384	61.74177	71.09599	40.12817	43.08488	40.748905
ENSMUSG Dsp	13.91695	15.30872	11.05737	10.38879	10.60235	10.885762
ENSMUSG Tatdn2	18.17646	17.43548	18.54493	18.22803	18.55346	18.728234
ENSMUSG Thumpd3	8.019575	9.325558	9.187833	9.585714	9.367548	9.931047
ENSMUSG Olfr315	0	0	0	0	0	0

ENSMUSG Gimap1	31.3982	25.22211	34.51602	32.84171	30.08062	29.372631
Mus_musc Mus_musc	0.441745	0	0.771925	0.40418	0.610794	0.50364
ENSMUSG Gm15446	2.307397	2.18036	2.403125	2.735663	1.892539	2.251859
Mus_musc Mus_musc	0.218864	0.110796	0.281312	0.135858	0.153178	0.229617
Mus_musc Mus_musc	0	0.360675	0.159777	0	0.185568	0.114284
Mus_musc Mus_musc	0.147102	0	0.224787	0	0.464426	0
Mus_musc Mus_musc	0.384757	0.374499	0.648271	0.445198	0.212149	0
Mus_musc Mus_musc	0.105636	0.065885	0.189183	0	0.08985	0
ENSMUSG Fbxl22	0.243838	0.367633	0.430093	0.902483	0.928066	0.948082
ENSMUSG Olfr1323	0	0	0	0	0	0
ENSMUSG Pcdh20	0.036164	0.038099	0.029784	0.018328	0.010544	0.084575
Mus_musc Mus_musc	0.111323	0.28705	0.105201	0.130117	0	0.046884
ENSMUSG Ndp	0	0.047749	0.026138	0.019026	0	0.018998
ENSMUSG 9430038I0	3.077872	5.21775	4.953208	5.047409	3.906724	5.382858
ENSMUSG Abcc8	0.064926	0.278928	0.017839	0.203168	0.408759	0.343671
ENSMUSG Rdh7	0	0	0	0	0	0
ENSMUSG Svs2	0	0	0	0	0	0
ENSMUSG Gpr176	0.04239	0.059207	0.011395	0.340311	0.25818	0.353917
ENSMUSG Spn	9.486093	6.213822	14.19196	12.77777	9.60225	10.95561
ENSMUSG Hspb3	0	0	0	0	0	0
ENSMUSG Mettl7a2	3.625085	3.943123	7.520043	1.586799	2.63727	1.994677
ENSMUSG Chn1	6.480961	6.590749	8.195528	4.524758	4.097449	4.082787
ENSMUSG Cd248	4.389139	4.536512	3.745301	2.248955	2.438523	3.754234
ENSMUSG Gm11437	0	0	0	0	0	0
ENSMUSG Crebzf	20.24438	24.59125	26.55602	22.78214	21.01812	18.837301
ENSMUSG Olfr705	0	0	0	0	0	0
ENSMUSG St8sia5	0	0	0	0	0	0
ENSMUSG Rnf165	0.092857	0.07392	0.065654	0.099499	0.100072	0.021068
ENSMUSG Hdhd2	13.33446	13.76519	12.96607	12.71831	13.77561	13.128881
ENSMUSG Katnal2	0.855144	0.50817	0.359616	1.216556	0.929168	0.926606
ENSMUSG Pias2	9.352813	11.72258	9.462137	8.85182	9.065332	8.772711
ENSMUSG Agap2	1.413931	1.022635	2.248097	2.261571	2.16175	2.672788
ENSMUSG Gdap111	0	0	0.020477	0.019124	0.030625	0.137749
ENSMUSG Pstpip2	3.107506	2.923469	4.847499	5.997819	5.30494	6.036093
ENSMUSG Atp5a1	185.5237	201.7962	186.7697	192.7169	202.7913	215.56853
ENSMUSG Cd2ap	23.89711	23.70609	20.73419	18.77655	18.03516	17.927438
ENSMUSG Pla2g4a	6.161392	7.684325	5.449778	8.483245	8.019629	9.060097
ENSMUSG Spata31	0	0	0	0	0	0
ENSMUSG Spock1	0	0	0	0	0.016509	0.021955
ENSMUSG Ric8b	9.271381	11.73822	11.08168	7.245642	7.827887	8.622063
ENSMUSG Cars2	7.109367	5.870626	7.838714	6.273878	7.151905	7.556565
ENSMUSG Rgs9	8.534068	7.258772	7.726863	5.152936	5.234091	4.449746
ENSMUSG Olfr998	0	0	0	0	0	0
ENSMUSG Olfr1245	0	0	0	0	0	0
ENSMUSG Pum2	36.87481	39.15848	34.68013	34.42638	34.25577	33.473757
ENSMUSG Ccdc194	0.09948	0.229005	0.096535	0.167599	0.139426	0.186716
ENSMUSG Olfr1293- μ	0	0	0	0	0	0
ENSMUSG Pcdha8	0.071409	0.013512	0	0.011993	0	0
ENSMUSG Hsd17b6	0	0	0	0	0	0
ENSMUSG Prim1	2.763613	3.744722	3.365624	3.05045	3.146867	3.482862
ENSMUSG Rubcn	13.31712	13.05717	12.92121	10.90705	11.24305	11.732744
ENSMUSG Atp5b	240.8896	262.9706	251.7426	255.2846	268.1579	277.01279
ENSMUSG Siglec15	0	0	0	0.191327	0	0.10723
ENSMUSG Vmn2r14	0	0	0	0	0	0
ENSMUSG Olfr235	0.029282	0	0	0	0	0
ENSMUSG Tmem26	0.594878	0.505724	0.56693	1.389847	2.368714	2.370595
ENSMUSG Krtap22-2	0	0	0	0	0	0
ENSMUSG Gm21060	0	0	0	0	0	0
ENSMUSG Zfp97	2.197168	2.339371	1.986509	1.877776	2.281774	1.924242
ENSMUSG Gm16513	0	0	0	0	0	0
ENSMUSG Trappc12	9.328593	8.770583	7.902897	7.883612	8.002563	9.073267
ENSMUSG Fubp1	16.19112	21.54232	23.05253	18.47024	17.36755	20.861346
ENSMUSG Olfr220	0	0	0	0	0	0
ENSMUSG Olfr417	0	0	0	0	0	0

ENSMUSG Ifi208	1.364329	1.200258	1.703722	1.429668	0.922472	0.985366
ENSMUSG Ssxb10	0	0	0	0	0	0
ENSMUSG Ssxb9	0	0	0	0	0	0
ENSMUSG Gm40460	0	0	0	0	0	0
ENSMUSG Sema3e	24.53213	19.76308	20.77031	14.02116	14.18563	13.384429
ENSMUSG Zfp773	0.748852	1.110377	1.074051	0.958686	0.74897	1.150625
ENSMUSG Gpr101	0	0	0	0	0	0
ENSMUSG Sae1	25.20563	23.98163	25.51396	23.77825	25.96467	24.942903
ENSMUSG Csgalnact1	11.12848	9.84082	9.621229	6.253923	7.143075	7.543152
ENSMUSG BC016579	0.034587	0	0	0.024128	0	0
ENSMUSG Popdc3	9.460583	8.106873	9.242336	4.964009	5.18751	5.025654
ENSMUSG Prep	10.38523	9.713223	9.09633	8.760105	9.113772	9.181649
ENSMUSG Fam241b	4.452897	5.001984	4.271841	3.253744	3.004264	4.100909
ENSMUSG Rev3l	5.426018	6.280077	5.051975	5.782256	5.74609	5.777616
ENSMUSG Traf3ip2	6.463703	5.642595	5.987423	6.081339	5.647883	5.669591
ENSMUSG Fyn	18.89845	16.16466	21.4411	16.73014	17.15178	17.313342
ENSMUSG Tube1	0.29723	0.245824	0.453053	0.419786	0.443498	0.435168
ENSMUSG Lama4	13.00878	12.66906	12.73381	10.38811	11.13625	10.467072
ENSMUSG Cnfn	0	0	0	0	0	0
ENSMUSG H2afy2	5.90905	6.046731	5.796745	3.3187	3.451704	3.665354
ENSMUSG Il9r	0.158224	0.238504	0.275718	1.455388	1.013158	1.657818
ENSMUSG Pfk1	19.21219	22.18944	21.35342	16.14422	17.37229	18.445217
ENSMUSG Rel	3.088314	3.075107	3.450678	4.223982	4.338759	4.76548
ENSMUSG Tysnd1	7.642018	6.698859	7.416838	6.156255	7.149849	7.694352
ENSMUSG Papolg	6.311279	6.183544	5.819149	5.409984	5.584022	4.465057
ENSMUSG Stk10	13.01976	10.64177	13.92609	14.22295	13.14597	14.648011
ENSMUSG Gm10428	0	0	0	0	0	0
ENSMUSG Smim23	0	0	0	0	0	0
ENSMUSG Clasp2	14.95508	13.6998	12.35664	11.75414	13.19201	12.132781
ENSMUSG Spg11	4.943542	5.395466	4.078984	4.497054	4.876855	4.916144
ENSMUSG Ppa1	6.823721	9.099325	10.44884	15.58619	16.30746	17.603357
ENSMUSG Eaf1	14.46712	14.5962	16.01926	13.43442	13.91894	14.041775
ENSMUSG Mettl6	5.728893	7.643019	7.474852	6.499732	6.465544	6.033646
ENSMUSG Sh3bp5	28.97118	26.69332	34.44743	29.94559	22.58777	25.347449
ENSMUSG Capn7	14.07565	11.43202	13.08712	13.57673	13.37409	13.185824
ENSMUSG Plcb4	27.18621	35.31655	28.90136	23.4226	27.31571	19.434173
ENSMUSG Arhgef3	66.80997	61.29855	59.89853	41.89676	40.5677	38.355875
ENSMUSG Asb14	0.380194	0.726194	0.262908	0.334939	0.288077	0.429344
ENSMUSG Vmn2r40	0	0	0	0	0	0
ENSMUSG A530084C	0	0	0	0	0	0
ENSMUSG Rps13	182.8743	189.1649	217.8134	210.3122	196.5196	194.30471
ENSMUSG Rcor1	12.48452	12.55963	11.95741	10.16027	9.559432	11.676053
ENSMUSG H2afz	107.423	111.077	127.3657	158.2458	156.1368	165.81156
ENSMUSG Pcdh18	7.865119	6.222897	9.014705	4.464408	4.716698	4.057997
ENSMUSG Wdr19	3.432048	4.14044	3.192295	4.156042	4.365815	3.938688
ENSMUSG Gm13694	0	0	0	0	0	0
ENSMUSG Gm13871	0	0	0	0	0	0
ENSMUSG 9530077C	0.950163	1.469749	0.701346	1.281486	1.456387	1.268634
ENSMUSG Arsi	0.029263	0	0.120725	0.399915	0.179727	0.49622
ENSMUSG Gm21976	0.128748	0.109001	0.123805	0.249532	0.027184	0.243838
ENSMUSG Serpina1b	11.1563	6.208726	11.9354	5.7708	7.266349	4.909987
ENSMUSG Serpina16	0	0	0	0	0	0
ENSMUSG Srsf3	56.40168	56.08942	60.5236	44.75133	47.25474	45.226812
ENSMUSG Gm49383	0	0	0	0.000405	0.008267	0
ENSMUSG Arhgef10	15.91743	15.01214	15.48912	11.33641	10.40662	11.257217
ENSMUSG Serpina1d	1.169363	0.730783	1.242458	0.589521	0.9203	0.712995
ENSMUSG Otof	0.094139	0.037251	0.11557	0.032318	0.045252	0.120552
ENSMUSG Tmem65	19.28594	17.89564	18.7647	13.11686	14.08628	12.626336
ENSMUSG Borcs7	3.452745	2.869046	2.90874	3.125013	2.806391	2.339148
ENSMUSG Etfdh	15.5703	16.81284	15.01699	15.54241	16.20173	17.453768
ENSMUSG Serp1	47.78497	48.21954	48.10693	70.40081	76.4111	69.884895
ENSMUSG Spag9	36.3629	36.39689	32.43018	27.90249	29.90474	27.615526
ENSMUSG Tm4sf4	0	0	0	0	0	0
ENSMUSG Tm4sf1	63.48095	63.66976	60.68323	57.43114	56.87899	57.632402

ENSMUSG Wwtr1	45.63032	48.24066	42.19416	34.69904	34.17984	31.515419
ENSMUSG Prpf8	43.30402	39.44186	36.68055	34.97243	37.24932	37.422109
ENSMUSG Nme2	72.16863	66.61314	86.78165	111.4316	107.9563	116.85269
ENSMUSG Ppid	17.00824	19.95232	18.82966	15.61293	15.73185	15.083961
ENSMUSG Tsc22d2	7.588742	5.339157	5.871545	4.44004	4.972651	5.907872
ENSMUSG Gm8094	0	0	0	0.023857	0	0
ENSMUSG Gm17542	0	0	0	0	0	0
ENSMUSG Yy2	1.023667	0.232774	0.055905	0.049745	0.039211	0.027526
ENSMUSG Gm28635	0	0	0	0	0	0
ENSMUSG Vmn1r29	0	0	0	0	0	0
ENSMUSG Gpr62	0.02856	0.022279	0.025635	0.099715	0.015036	0.093991
ENSMUSG Atp5o	0	0	0	0	0	0
ENSMUSG Clec1b	3.637512	3.67193	5.60222	2.296694	2.416691	2.492629
ENSMUSG Clec12b	1.415242	1.118818	1.759557	0.402949	0.426287	0.980995
ENSMUSG Clec2d	82.35304	74.84245	100.2979	76.50714	55.21984	54.466438
ENSMUSG Cd69	3.411909	1.623769	2.858796	3.277038	3.975977	3.768885
ENSMUSG Clec2e	0.032787	0.144238	0.070021	0.072044	0.049097	0.048526
ENSMUSG Klrb1f	1.03373	0.736711	1.849635	0.774735	0.564028	0.684445
ENSMUSG Klhl36	6.162534	5.603598	6.226936	5.276336	5.736531	6.965297
ENSMUSG 6430548M	25.42347	22.31132	22.6438	13.15982	15.89173	13.278192
ENSMUSG Crispld2	18.39308	17.09877	17.30095	8.378934	10.71249	8.279807
ENSMUSG Usp10	12.51018	11.62109	10.7318	11.99815	11.52965	12.824039
ENSMUSG Cotl1	46.31629	39.45551	51.81942	111.2989	111.5209	129.05576
ENSMUSG Babam1	30.42559	28.04394	29.83079	28.87123	27.5788	30.516196
ENSMUSG Gins2	0.753205	1.009339	0.835554	1.902356	1.694037	1.754721
ENSMUSG Gse1	14.8085	13.89798	13.75432	12.08253	11.37305	13.116783
ENSMUSG Zdhhc7	17.60968	15.73136	17.0091	14.22049	15.26278	15.518517
ENSMUSG Golga4	23.42457	25.71098	22.30286	23.13543	22.93986	22.339374
ENSMUSG Txndc8	0	0	0	0	0	0
ENSMUSG Gm42878	0.738236	0	0.331463	0.54305	0	0.282334
ENSMUSG Zfp683	0.119773	0.170044	0.063853	0.202054	0.087613	0.282728
ENSMUSG Tmem241	3.490995	3.399931	3.631547	2.973765	3.255556	3.623667
ENSMUSG Dsel	3.583731	3.440944	3.00738	2.932621	2.556217	2.607552
ENSMUSG Hoxb5	12.11061	11.06792	11.1275	6.156682	6.946925	5.221462
ENSMUSG Tmem117	1.320441	0.893483	1.179755	0.625869	0.445739	0.730983
ENSMUSG Luzp2	0.022828	0.101446	0	0.031458	0.022284	0.009959
ENSMUSG Abi3bp	22.87882	20.66509	16.26524	8.809191	10.68249	9.44328
ENSMUSG Jrkl	4.583288	4.719671	4.270578	4.461574	3.649219	3.559715
ENSMUSG Sh3glb2	19.71442	20.10503	21.17185	18.96189	17.49526	21.417861
ENSMUSG Hspa5	139.1551	156.0915	182.5582	253.8964	267.5018	276.69237
ENSMUSG Kynu	1.430414	1.301167	1.503103	3.641277	4.414617	3.528444
ENSMUSG Gapvd1	17.02795	14.54804	17.26001	14.17385	11.829	14.472748
ENSMUSG Psm5	10.98176	11.61699	10.99579	10.37303	9.75913	10.491985
ENSMUSG Pcdhac2	12.33198	11.50757	9.926083	6.128905	7.86939	5.487429
ENSMUSG lspd	2.52962	1.508137	1.503407	1.415923	1.916917	1.514166
ENSMUSG Dchs2	0.769616	0.607964	0.41359	0.398092	0.460022	0.267611
ENSMUSG Ppp2r3a	5.786137	7.194164	4.818674	4.036753	3.754532	3.712002
ENSMUSG Arl11	5.381656	4.409989	4.83949	10.36739	10.47719	12.253438
ENSMUSG Olfr1412	0	0	0	0	0	0
ENSMUSG B630019K	0.666591	0.62345	0.760965	0.921484	1.061754	0.691536
ENSMUSG Sorcs1	0.058572	0.024358	0.013998	0.010526	0.018615	0.007631
ENSMUSG Pid1	16.00528	15.57449	19.44548	11.73662	11.39187	9.503705
ENSMUSG Plekha7	3.207963	3.368706	2.15788	2.64859	2.520122	3.05899
ENSMUSG Mapk6	12.10698	12.4322	13.17844	14.9081	14.39051	15.779307
ENSMUSG Jph1	0.686281	0.649164	0.488225	0.497334	0.388758	0.315717
ENSMUSG Fam216b	4.319775	5.903949	3.088443	7.223203	6.54001	5.627957
ENSMUSG Npl	0.862181	1.256842	1.600561	2.951705	3.412757	3.137377
ENSMUSG Pcdhb10	1.306987	1.006447	1.170998	0.74349	0.669434	0.806776
ENSMUSG Selenok	45.60393	46.94538	51.05858	50.047	49.30255	46.912015
ENSMUSG Garem1	1.258262	1.393607	1.283791	1.355567	1.324884	1.414542
ENSMUSG Sf3b1	49.06575	50.61326	51.13262	45.43487	40.99019	43.639084
ENSMUSG Ccdc150	0.276787	0.21142	0.306144	0.294963	0.207779	0.188116
ENSMUSG Hspd1	49.78282	63.6766	62.33679	50.02946	52.9702	56.18817
ENSMUSG Ppp1r21	13.3608	13.20338	13.55278	11.75077	13.44997	14.032667

ENSMUSG Slc39a10	9.35034	8.73797	9.06557	8.740929	8.904977	9.142502
ENSMUSG Inka2	4.643749	5.001724	5.743002	4.546297	4.431928	4.643131
ENSMUSG Sprr1b	0	0	0	0	0	0
ENSMUSG Neurod1	0	0	0	0	0	0
ENSMUSG Dnaic2	3.659285	4.195924	2.282754	4.406229	4.629363	5.208164
ENSMUSG Gns	63.46325	58.69392	60.54538	72.59248	74.65137	78.167772
ENSMUSG Tmx1	23.13651	23.62958	20.89303	21.55297	21.69559	20.527997
ENSMUSG Bdkrb2	14.33316	13.48757	16.38912	6.644141	8.236889	9.783146
ENSMUSG Trim9	0.052119	0	0	0.014315	0.038059	0
ENSMUSG Actr10	13.02987	13.1929	12.96021	10.75879	10.95214	11.182631
ENSMUSG Krt34	0	0	0	0	0	0
ENSMUSG Chchd4	2.814241	3.61029	3.384489	2.926833	3.20821	3.261216
ENSMUSG Tomm20l	0	0.049225	0	0.284568	0	0.157796
ENSMUSG Timm9	5.547682	6.025904	6.55017	5.034681	5.624717	5.914739
ENSMUSG Gpc2	0.192823	0.227527	0.2488	0.187053	0.099699	0.277994
ENSMUSG Prkab1	26.16388	25.74472	28.2491	28.33627	25.20648	24.087065
ENSMUSG Ulk1	14.16741	14.71537	12.90235	11.74627	11.93011	12.661502
ENSMUSG Ankrd7	0	0	0	0.05045	0	0
ENSMUSG Cit	0.584488	0.902753	0.495985	0.762925	0.830177	0.922921
ENSMUSG Rab35	26.94137	26.68374	27.22298	23.90481	26.58512	26.719356
ENSMUSG Exd2	8.687358	9.29555	8.298856	6.830864	7.14747	7.19057
ENSMUSG Kank1	9.561448	10.59215	8.454903	7.751415	5.897403	8.325388
ENSMUSG Mapk8ip3	14.79091	13.64818	13.82511	12.1472	11.54702	11.88774
ENSMUSG Spsb3	6.156301	6.844265	8.287588	8.236685	6.180993	7.08148
ENSMUSG Adh1	57.55895	56.81043	54.04876	32.44579	30.3223	30.35919
ENSMUSG Adh6b	0.346531	0.246441	0.127775	0.195308	0.184716	0.047563
ENSMUSG Jpt2	8.751085	9.278201	8.600178	11.34953	12.87859	12.60415
ENSMUSG C3	134.7462	195.2596	117.3932	386.3861	464.1724	518.85883
ENSMUSG Ift140	4.312562	4.553461	3.488892	5.407279	5.552716	5.361363
ENSMUSG Tmem204	167.679	148.1976	164.4759	78.38072	84.83163	70.152611
ENSMUSG Insm1	0.101598	0.024839	0.011226	0.043167	0.095514	0.04872
ENSMUSG Arel1	12.81613	11.79764	13.21929	13.06787	12.11277	11.727759
ENSMUSG Grap2	6.093987	4.810296	6.095915	5.773559	5.353202	6.111299
ENSMUSG Frem3	0.017672	0	0	0	0	0
ENSMUSG Gnl3	8.530231	9.412126	9.139469	11.45643	10.82684	11.564881
ENSMUSG Gjb5	0.103029	0.298756	0.330608	0.581301	0.538707	0.923072
ENSMUSG Osbpl6	22.16516	14.57974	16.32509	9.62924	15.10701	13.712546
ENSMUSG Cyp14	0	0	0	0	0	0
ENSMUSG Mib1	14.60778	15.54406	13.50739	13.6769	12.66791	12.637638
ENSMUSG Rock1	22.82293	24.65139	20.21042	21.13794	21.29908	20.031221
ENSMUSG Esco1	8.974156	9.632955	9.171294	8.942953	9.455202	9.009657
ENSMUSG Cyp4f14	0	0	0	0.0456	0	0.030352
ENSMUSG Adamts10	35.1773	31.17748	37.36246	26.4604	21.75953	22.55395
ENSMUSG Zfp871	11.6315	12.07019	10.84222	9.87217	9.071089	9.167402
ENSMUSG Aqp5	106.1847	87.44618	96.81249	50.15621	47.63852	48.67514
ENSMUSG Kcnj4	0	0	0	0	0	0
ENSMUSG Olfr1094	0	0	0	0	0	0
ENSMUSG Zdbf2	0.089988	0.142384	0.03379	0.070728	0.068504	0.077735
ENSMUSG lghmbp2	1.901614	1.974669	2.025335	2.383514	2.498687	1.845631
ENSMUSG Msh4	0	0	0	0	0.014205	0
ENSMUSG Pola2	7.195014	6.011932	7.214545	7.365489	8.416083	8.164587
ENSMUSG Coro1b	78.71159	73.43954	82.5299	84.85647	89.02652	89.23243
ENSMUSG Dmrt1	0	0	0	0	0	0.023614
ENSMUSG Hadhb	28.83214	32.46844	30.20905	28.19405	27.70327	26.128383
ENSMUSG Rap2a	26.90936	28.15925	29.79803	23.28773	24.39193	23.025127
ENSMUSG Krt9	0	0	0	0	0.021708	0.030127
ENSMUSG Olfr112	0	0	0	0	0	0
ENSMUSG Opn5	0	0	0	0	0	0
ENSMUSG Ubqln3	0	0	0	0	0	0
ENSMUSG Ggt7	0.303195	0.964846	0.494335	0.306026	0.228188	0.304534
ENSMUSG Prss36	2.18776	2.570772	0.527907	1.031362	0.668147	0.941811
ENSMUSG Abcc6	0.061316	0.111022	0.081581	0.53125	0.535755	0.532192
ENSMUSG Nomo1	17.51661	18.29964	19.85243	16.9871	18.10786	19.564455
ENSMUSG Itgal	17.72481	15.44196	32.75341	23.46222	19.04214	21.428019

ENSMUSG Ush1c	0	0	0	0	0	0
ENSMUSG Sergef	3.01797	3.33745	3.743099	3.831956	3.50924	3.736345
ENSMUSG Rprd1a	9.839744	10.61431	8.216249	7.761229	7.851501	7.490326
ENSMUSG Spns2	29.91553	26.80082	31.61737	19.93987	18.39474	19.816427
ENSMUSG Slc26a10	0.343564	0.264025	0.369059	0.378512	0.428719	0.556424
ENSMUSG Btc	1.019659	1.243971	0.873405	0.38718	0.341564	0.59329
ENSMUSG Ckap4	12.12782	11.02899	12.71506	24.08781	25.16987	26.119686
ENSMUSG Vat1l	0.041186	0.059602	0	0.084207	0.021083	0
ENSMUSG Il1f10	0	0	0	0	0	0
ENSMUSG Spesp1	0	0	0	0	0	0
ENSMUSG Il6ra	14.22184	14.1133	13.55145	10.88545	13.08587	10.81716
ENSMUSG Lamc2	31.18797	28.06769	34.58543	19.04841	21.61399	24.498317
ENSMUSG Lamc1	35.33833	34.27784	36.87346	26.99145	28.57006	28.83885
ENSMUSG Glul	208.4566	217.8929	174.2786	119.5308	149.1428	122.40762
ENSMUSG Mr1	12.79483	11.78817	9.660469	12.11394	10.39655	11.185988
ENSMUSG Stx6	11.88321	11.26236	11.36119	13.40922	14.07814	14.605706
ENSMUSG Rgs16	0.692838	0.629376	0.699507	1.000202	1.129652	1.188273
ENSMUSG Coq8b	9.64566	10.20647	8.896702	11.60722	11.18384	12.513007
ENSMUSG Olfr59	0	0	0	0	0	0
ENSMUSG Bcl2l1	56.92961	62.4557	56.40602	31.06362	33.46145	31.157499
ENSMUSG Chdh	0.567702	0.95875	0.638546	0.707343	0.702762	0.736638
ENSMUSG Actr8	17.7401	16.86757	16.92399	15.08759	14.69248	13.916513
ENSMUSG Cav1	640.6673	628.2962	597.9853	330.7679	335.9028	344.67248
ENSMUSG Gabrb2	0	0	0	0	0	0
Mus_musc Mus_musc	0.298228	0.292214	0.124763	0.055868	0.11492	0.303886
Mus_musc Mus_musc	0	0.687642	0	0.418082	0.479901	0.530777
ENSMUSG Gm26992	1.141045	1.14307	0.900632	1.569942	0.889182	2.131917
Mus_musc Mus_musc	1.415987	2.254341	2.363277	2.564925	1.62349	1.816338
Mus_musc Mus_musc	0.60889	0.418223	0.554011	1.310239	0.565568	0.32991
ENSMUSG Gm15140	0	0	0	0	0	0
Mus_musc Mus_musc	0.128826	0.126004	0.189363	0.566197	0	0
Mus_musc Mus_musc	0	0	0	0.080095	0.220417	0.123781
Mus_musc Mus_musc	3.033456	1.978906	1.918206	1.957888	1.307166	2.59313
ENSMUSG Btd35f20	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.204664	0	0
Mus_musc Mus_musc	0.138106	0	0	0	0.354715	0.187049
Mus_musc Mus_musc	0.453445	0.099692	0.42396	0	0.4936	0.676266
ENSMUSG St6galnac1	0	0	0	0	0.062068	0
Mus_musc Mus_musc	0	0	0	0.135847	0	0.319285
ENSMUSG Apobec3	8.101197	7.915647	9.557844	8.87643	8.560794	10.22728
ENSMUSG Odam	0	0	0	0	0	0
ENSMUSG Selenon	21.32703	19.97974	22.3095	17.29923	19.31995	18.593857
ENSMUSG Tgfbr3l	0.276463	0.133159	1.127008	1.252286	0.948918	0.708434
ENSMUSG Olfr1117-ꜛ	0	0	0	0	0	0
ENSMUSG Gm20431	0	0	0.20686	0	0	0
ENSMUSG Bmp8b	0.036583	0	0	0	0.035116	0
ENSMUSG Slc9a6	12.82981	14.09878	12.08125	12.51553	13.13637	12.607518
ENSMUSG Nkap	6.864074	5.32083	5.455438	5.821848	6.149618	5.191951
Mus_musc Mus_musc	0.189923	0.201276	0.208104	0.58398	0.267698	0.214214
Mus_musc Mus_musc	0	0.267898	0	0.061748	0.302407	0
ENSMUSG Gabra1	0	0	0	0	0	0
Mus_musc Mus_musc	1.623639	1.266917	2.148862	0.702669	1.021173	0.945692
Mus_musc Mus_musc	0.953742	1.047679	0.936301	0.600836	0.853878	0.517034
Mus_musc Mus_musc	0.678604	0.261289	0.59144	0.550678	0.850209	0.584854
ENSMUSG Crhr2	0	0.139193	0.036922	0.053787	0.147899	0.081261
Mus_musc Mus_musc	20.45276	13.62761	20.84178	21.88689	19.08087	23.405473
Mus_musc Mus_musc	1.069618	0.957338	0.539931	0.680492	0.756128	0.507239
ENSMUSG Cox6c	102.0625	101.0381	111.8115	117.9116	109.7745	112.81235
ENSMUSG Gm5414	0	0	0	0	0	0
ENSMUSG Zfp14	1.124886	0.907941	1.079749	0.964006	0.856054	0.716318
Mus_musc Mus_musc	0	0.102371	0	0.126851	0.54887	0
Mus_musc Mus_musc	0.496114	0.735923	0.725726	0.680413	0.878301	0.626996
ENSMUSG Olfr681	0	0	0	0	0	0
Mus_musc Mus_musc	0.840539	0.246	0.691387	1.102312	1.180581	0.832991

Mus_musc Mus_musc	0.624755	0.673594	0.951631	0.753368	0.613563	0.634622
ENSMUSG Gm20834	0	0	0	0	0	0
Mus_musc Mus_musc	2.280629	1.61299	2.372095	1.54513	2.321527	1.537561
ENSMUSG Gm5478	0	0	0	0	0	0
ENSMUSG Proser2	1.928035	2.965009	2.225135	2.322802	2.573498	2.977384
ENSMUSG Khdc3	0.131991	0.277041	0.603045	0.314578	0.27343	0.375613
ENSMUSG Bcl10	22.35046	19.77439	22.54097	22.03014	23.84106	21.262701
ENSMUSG Krtap16-3	0	0	0	0	0	0
ENSMUSG Fam240b	0	0	0	0	0	0
ENSMUSG Med25	15.43694	13.74805	14.55963	14.45559	15.34807	13.534543
ENSMUSG Gm11758	0	0	0	0	0	0
ENSMUSG Gm21852	0	0	0	0	0	0
ENSMUSG Pnkp	14.10146	13.38931	15.69605	12.4956	12.04957	12.737256
ENSMUSG Fam13a	10.00624	11.96676	6.74314	6.547877	7.562508	5.885758
ENSMUSG Spag6	0.045593	0.050599	0.087423	0.334227	0.175147	0.232293
ENSMUSG Cd81	136.4835	128.3594	139.9182	122.8069	120.647	125.64207
ENSMUSG Tecta	0.007687	0	0	0	0.007302	0
ENSMUSG Lzts3	5.79441	6.098083	6.428687	4.87359	5.650384	4.80684
ENSMUSG Rcn3	26.50199	28.4039	31.51055	29.7701	29.00857	33.748344
ENSMUSG Dyx1c1	0.895601	0.949178	1.052622	1.831972	1.822968	1.515456
ENSMUSG Olfr1248	0	0	0	0	0	0
ENSMUSG Hmgxb3	8.124212	7.904902	7.535015	5.921868	6.719327	6.91602
ENSMUSG Timp2	158.3965	142.7591	143.4734	113.8949	118.1265	120.1188
ENSMUSG Scgb1b18	0	0	0	0	0	0
Mus_musc Mus_musc	0.364698	0.184408	0.388388	0.63296	0.20926	0
Mus_musc Mus_musc	0.243862	0.392899	0.22759	0.166585	0.055618	0.323926
Mus_musc Mus_musc	0.05843	0.085267	0	0.509851	0.356809	0.254762
ENSMUSG Stx5a	36.53321	30.08871	34.75766	34.29029	32.56299	32.050346
ENSMUSG Prkd2	31.79273	30.03092	33.00471	24.38488	22.34959	23.30708
ENSMUSG Hectd2	0.603527	0.635787	0.721258	0.506306	0.705691	0.814457
ENSMUSG Otop2	0	0	0	0	0	0
ENSMUSG Chrnbl	10.76007	10.17583	10.80317	8.602338	8.604482	7.971718
ENSMUSG Zfp296	0.993072	1.104962	1.533437	2.344745	3.171632	2.966665
ENSMUSG Gm20671	0	0	0	0	0	0
ENSMUSG Gm20695	0.241572	0.286146	0.240271	0.093444	0.110111	0.144354
ENSMUSG Tardbp	27.92012	28.37592	28.78932	29.788	26.40298	28.884963
ENSMUSG Rpl21	2.157549	2.32802	2.406624	1.582907	2.66784	1.50266
ENSMUSG Rbbp6	14.31494	15.29487	14.43878	13.74877	13.22927	12.454189
ENSMUSG Zfp157	1.695073	1.619917	1.317651	1.847494	1.417233	1.61508
ENSMUSG Trpv5	0	0	0	0	0	0
ENSMUSG Gtdc1	4.410803	5.706692	4.380963	4.025331	3.792888	3.326872
ENSMUSG Ndor1	0	0.082887	0.145192	0	0.077075	0.288869
ENSMUSG Ehmt1	11.35782	11.26782	10.56675	10.04072	10.40845	10.343619
ENSMUSG Rap2b	3.425394	2.706988	3.555717	3.776097	4.326777	4.701671
ENSMUSG C1qc	9.114601	10.35322	17.05405	66.4302	63.36943	68.167534
ENSMUSG Zfp579	11.83768	10.48513	12.22622	8.423335	7.808018	8.081187
ENSMUSG Pusl1	5.154839	4.260335	5.013112	3.897179	3.815185	4.441007
ENSMUSG Cldnd1	24.55512	27.03909	27.50057	22.30442	22.05158	22.410063
ENSMUSG St3gal6	28.20291	24.3287	26.27581	22.05801	21.59622	18.19193
ENSMUSG Cpox	8.844626	10.44628	9.462688	8.750759	9.56414	10.184007
ENSMUSG Tbc1d23	15.44135	15.53581	14.49986	15.76711	15.55378	15.086078
ENSMUSG Cmss1	6.662785	5.41787	5.453996	5.29274	4.415534	5.432423
ENSMUSG Olfr1375	0	0	0	0	0	0
ENSMUSG Zfp105	2.934694	2.701027	3.263549	2.577735	2.079304	2.615152
ENSMUSG Zfp329	2.794115	3.098916	2.736723	3.184012	3.400418	2.444161
ENSMUSG Camk2b	0.308151	0.12604	0.237093	0.23751	0.081721	0.09135
ENSMUSG Rtn4	44.00701	63.6909	57.01438	57.82176	50.84486	58.955406
ENSMUSG Drg1	33.49447	33.38156	32.96856	27.19826	29.43025	27.814981
ENSMUSG Ogdh	64.20406	62.82211	58.38641	55.67236	62.16362	63.603653
ENSMUSG Trim11	13.5731	12.61298	13.19082	12.3269	12.83142	13.450343
ENSMUSG Eif4enif1	16.8322	18.70545	17.66036	16.54324	13.3804	15.991981
ENSMUSG Patz1	16.62848	15.11817	14.06712	10.97275	11.73065	10.942532
ENSMUSG Limk2	19.64882	20.91309	19.28864	19.56456	18.89053	21.52624
ENSMUSG Vmn2r112	0	0	0	0	0	0

ENSMUSG Gm5798	0	0	0	0	0	0
ENSMUSG 1700122O	0	0	0	0	0	0
ENSMUSG Gm3526	0	0	0	0	0	0
Mus_musc Mus_musc	0.033182	0	0	0	0	0
Mus_musc Mus_musc	0	0.462928	0	0	0	0
Mus_musc Mus_musc	0.109874	0.278872	0	0	0	0.110227
ENSMUSG D630039A	2.647257	3.478938	2.62836	5.166005	4.817718	4.296746
ENSMUSG Eif2ak2	8.772672	7.949665	7.97784	7.818078	7.438108	7.957013
ENSMUSG Ndufs2	65.48652	73.18489	64.87376	71.81833	74.88523	73.295923
ENSMUSG Ttc27	4.394467	3.494711	3.447893	3.83378	4.13922	4.263996
ENSMUSG Exo5	4.25007	3.244812	4.053815	4.862798	3.924021	4.4184
ENSMUSG Poll	3.167326	3.166328	2.741578	3.223567	3.008222	2.822242
ENSMUSG Fgf8	0	0	0	0	0	0
ENSMUSG Sfxn3	24.87334	22.38547	23.73624	18.94785	17.89969	20.353004
ENSMUSG Kazald1	4.828379	4.906046	4.996526	2.807552	2.073346	2.085631
ENSMUSG Mrpl37	17.48391	17.18086	19.172	18.48695	18.749	17.212807
ENSMUSG Lbx1	0	0	0	0	0	0
ENSMUSG Btrc	9.333058	10.36183	8.641562	8.084197	8.083642	7.491421
ENSMUSG Col9a2	0	0.051137	0	0	0	0.070928
ENSMUSG Tlx1	0	0	0	0	0	0
ENSMUSG Usp6nl	9.873183	9.60503	7.53162	7.687961	7.742741	7.51256
ENSMUSG Pigk	9.078181	9.236027	9.95937	10.60466	10.63618	11.142031
ENSMUSG Pkmyt1	1.824251	1.12405	1.970124	2.037043	2.000567	2.563794
ENSMUSG Arpin	13.87159	13.04354	13.25741	11.6626	9.242665	10.815583
ENSMUSG Adrm1	40.69119	43.81232	50.32819	39.26286	36.05437	35.582291
ENSMUSG Hcfc1r1	52.12132	48.06756	44.66595	43.97585	42.29305	49.624847
ENSMUSG Tnfrsf12a	20.25727	17.68472	24.08552	13.31771	13.23259	15.852563
ENSMUSG Cldn6	0.343863	0.485803	0.268819	0.269929	0.315853	0.266274
ENSMUSG Foxred1	5.73935	6.107887	6.700921	6.273103	5.614664	7.476163
ENSMUSG Mmp25	0.501124	0.320167	0.59902	2.230193	2.899442	3.528971
ENSMUSG Chrac1	28.70782	27.41858	32.20101	31.05809	28.30384	27.263692
ENSMUSG Rnase13	0	0	0	0	0	0
ENSMUSG Cep152	1.462411	1.462032	1.6536	1.968905	1.370674	1.597643
ENSMUSG Gm7247	0	0	0	0	0	0
ENSMUSG Sccpdh	10.6128	11.153	9.947119	9.498491	9.048031	9.953703
ENSMUSG Rccd1	1.67279	1.509773	1.975674	1.812031	1.380995	1.492963
ENSMUSG Tcf5	0	0	0.022019	0.01025	0	0
ENSMUSG Prkag1	33.31554	35.09582	37.16507	28.29164	28.84133	30.240553
ENSMUSG 9130023H	1.796417	1.678747	1.394979	1.671797	1.769046	1.431172
ENSMUSG Lpar5	1.866025	1.21925	1.679319	2.503616	3.30776	3.283891
ENSMUSG Atp11c	9.701944	11.34584	9.52356	8.735745	8.826069	7.768884
ENSMUSG Vmn1r224	0	0	0	0	0	0
ENSMUSG Serpine3	0	0	0	0	0	0
ENSMUSG Gm17545	0	0.045007	0	0.149847	0	0.035814
ENSMUSG Olfr618	0	0	0	0	0	0
ENSMUSG Olfr619	0	0	0	0	0	0
ENSMUSG Olfr615	0	0	0	0	0	0
ENSMUSG Ptch1	17.59742	17.59945	17.59148	14.48944	16.04247	14.133229
ENSMUSG Fancc	4.34657	3.946734	3.582534	3.348634	2.673456	3.343409
ENSMUSG Auh	15.13008	14.87453	14.49516	12.81177	15.84413	15.995277
ENSMUSG Olfr625-ps	0	0	0	0	0	0
ENSMUSG Olfr606	0	0	0	0	0	0
ENSMUSG Sptlc1	20.56837	19.83266	19.0564	18.45516	16.7618	16.577257
ENSMUSG Gm4305	0	0	0	0	0	0
ENSMUSG Rnf212b	0	0	0	0	0	0
ENSMUSG Purg	4.625432	5.42306	5.35376	4.168005	4.320115	3.744448
ENSMUSG Exoc6	11.10309	10.61983	10.38697	8.75284	8.885023	9.063023
ENSMUSG Defb38	0	0	0	0	0	0
ENSMUSG Krt16	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.352903	0.365503	0.340438
ENSMUSG Slc16a8	0	0.085357	0	0.128633	0.107885	0.113
ENSMUSG Olfr281	0	0	0	0	0	0
ENSMUSG 5730522E	0	0	0	0	0	0.063086
ENSMUSG Ola1	10.23666	10.77797	10.5777	14.10618	13.21301	13.6323

ENSMUSG Sp3	26.91694	26.51124	25.26489	25.49985	24.47493	24.497861
ENSMUSG Cyp3a57	0	0	0.074601	0	0.083382	0.034465
ENSMUSG Meikin	0	0	0	0	0	0
ENSMUSG Acsl6	0.058182	0.080091	0.025281	0.043927	0.028613	0.02529
ENSMUSG Mapk15	3.745204	3.968179	3.081237	4.310119	4.611164	4.53633
ENSMUSG Hcn2	0.664201	0.502821	0.377053	0.430656	0.594922	0.629289
ENSMUSG Atf2	15.6454	18.28053	17.38337	15.01208	14.28975	14.290928
ENSMUSG Olfr2	0	0	0	0	0	0
ENSMUSG Slc22a4	0.226257	0.193129	0.313312	1.0692	0.841972	0.84801
ENSMUSG Zfp354b	0.869159	1.053092	0.866288	0.70889	0.614222	0.904276
ENSMUSG Igf2bp2	4.321138	4.640768	4.358078	3.847284	3.87391	3.723444
ENSMUSG Olfr1474	0	0	0	0	0	0
ENSMUSG Ndn	4.867642	4.845202	4.63893	3.425207	3.150876	3.692551
ENSMUSG Reep4	14.57367	14.27171	14.87928	16.69913	18.01977	18.8716
ENSMUSG Dcpp2	0	0	0	0	0	0
ENSMUSG Tprkb	8.640244	8.330487	8.117804	8.19529	7.838759	8.348425
ENSMUSG Sacs	1.452589	1.419727	1.200026	1.795424	1.736826	1.721659
ENSMUSG Gstm3	0.093657	0.289845	0.12841	0	0	0.173228
ENSMUSG Syng2	58.47192	60.28625	64.02938	85.90026	87.13289	89.625408
ENSMUSG Rbm33	8.746844	8.164263	8.500069	7.318771	7.143674	7.076369
ENSMUSG Gstm5	5.218419	5.868555	6.399045	5.369902	5.662361	5.987043
ENSMUSG Brinp2	0.011498	0	0	0.052638	0.011416	0.044378
ENSMUSG Clec18a	0	0.012586	0	0	0	0
ENSMUSG AW55491E	3.434113	3.347622	2.595763	2.188161	2.46018	2.466344
ENSMUSG Nat8f2	0	0	0.040379	0	0	0
ENSMUSG Vps26b	21.51637	20.94879	18.77368	17.5282	18.31509	18.332457
ENSMUSG 2310022B	23.59181	23.07092	22.89414	15.97324	16.94994	15.926474
ENSMUSG Arv1	4.314197	3.707071	4.353898	4.250147	3.156977	3.182673
ENSMUSG Capn9	0	0.071724	0.015734	4.136919	2.69494	4.991738
ENSMUSG Agt	0.135231	0.278099	0.139187	0.637279	0.187482	0.416819
ENSMUSG EglN1	22.3282	26.17395	22.8502	19.70501	19.18396	17.988066
ENSMUSG Sprtn	10.40984	9.403774	10.06803	8.298241	8.092783	8.206813
ENSMUSG Gnpat	25.13238	26.59898	25.05799	26.93465	25.22103	26.538755
ENSMUSG 2810004N	9.554624	8.737596	8.359142	8.231639	9.115387	8.808614
ENSMUSG Thap4	3.267618	3.607895	3.325162	3.595865	4.036181	4.680377
ENSMUSG Bok	6.743795	6.559582	5.142942	8.606294	9.053671	9.138164
ENSMUSG Yif1b	25.53074	25.43552	27.23414	25.12897	29.45946	24.895059
ENSMUSG Rasgrp4	2.422438	1.901462	2.837516	2.730726	1.829364	2.559853
ENSMUSG Dpf1	0.317186	0.165436	0.607749	0.294863	0.417845	0.548758
ENSMUSG Capn10	6.456555	6.334472	6.602672	5.633123	6.417873	6.118003
ENSMUSG Mterf4	5.541596	5.479247	6.098288	5.983915	7.131799	6.163149
ENSMUSG 2200002D	4.510858	4.065732	4.854843	3.956997	3.757275	3.421834
ENSMUSG Ppp1r7	4.918064	4.840489	4.236692	4.226325	3.813691	3.853098
ENSMUSG Pask	0.395024	0.308165	0.234246	0.42271	0.437317	0.540543
ENSMUSG Stk25	22.91446	21.615	25.73725	19.80908	17.03981	18.317314
ENSMUSG 2-Sep	56.00277	62.4827	49.33696	47.21173	44.4425	48.294522
ENSMUSG Scaper	4.527502	4.589938	3.31796	3.330674	3.043999	3.445094
ENSMUSG Pqlc1	28.30781	27.59998	29.28342	28.57246	26.38216	29.07745
ENSMUSG Neu4	0	0	0	0	0	0
ENSMUSG Rxfp1	0.020753	0.162615	0.03638	0.131951	0.094005	0.016427
ENSMUSG Setd6	3.328207	3.379327	3.871758	2.987073	2.875337	3.820813
ENSMUSG Cdh11	8.923085	9.157177	11.12693	9.85863	8.833222	10.605161
ENSMUSG Got2	26.54235	27.52783	24.75917	27.82436	29.86602	28.565393
ENSMUSG Olfr530	0	0	0	0.095709	0	0
ENSMUSG Bsg	305.3151	331.412	313.0187	315.3934	320.8334	346.75682
ENSMUSG Dtnb	6.791644	6.26788	6.003353	6.148965	5.80306	5.828453
ENSMUSG Cpn2	0.133358	0.181305	0.043626	0	0.110374	0.14824
ENSMUSG Psmg4	13.62978	9.818493	17.47879	12.78926	12.37828	11.998881
ENSMUSG Gps2	26.86521	25.54678	29.77218	23.11358	23.6988	24.265796
ENSMUSG Gm11397	0	0	0	0	0	0
ENSMUSG Hoxd11	0	0	0	0	0	0
ENSMUSG Arrdc3	46.65977	43.21648	39.50047	21.03226	27.78113	20.624995
ENSMUSG ltpa	3.635432	3.637074	3.441962	3.233759	3.224338	3.407578
ENSMUSG Slc4a11	0.819409	0.81529	0.757281	1.212723	0.835734	1.162114

ENSMUSG Metap1	14.04901	13.20876	12.64943	11.88441	12.82997	13.325256
ENSMUSG Hspa12b	44.10858	35.28027	48.76176	23.07554	24.20857	24.417552
ENSMUSG Fance	7.89973	7.1401	7.873099	6.038637	6.311826	6.82169
ENSMUSG Gpr55	0.436853	0.569547	0.612592	2.96398	2.703402	3.284811
ENSMUSG Zbtb45	5.434875	6.208642	6.495337	5.66512	5.931666	7.056445
ENSMUSG Zfp644	9.851394	9.572649	8.235793	6.992183	7.902874	7.292505
ENSMUSG Olfr418	0	0	0	0	0	0
ENSMUSG Hoxb13	0.020627	0	0	0	0	0
ENSMUSG Taar3	0	0	0	0	0	0
ENSMUSG Plvap	257.9921	177.8917	228.5697	210.3128	223.3343	202.00877
ENSMUSG Taar5	0	0	0	0	0	0
ENSMUSG Taar4	0	0	0	0.044504	0	0.052927
ENSMUSG F830045P1	0	0	0	0	0	0
ENSMUSG Ar	0.841557	0.878356	0.914992	0.697467	0.736179	0.790619
ENSMUSG Sdr39u1	7.14305	7.363661	7.431051	6.961897	5.389314	5.094655
ENSMUSG Adcy4	28.85196	26.25634	34.77122	18.46757	20.22315	19.041294
ENSMUSG Ripk3	3.861049	3.171251	4.087806	5.623117	6.012882	6.530175
ENSMUSG Tmem165	27.71437	28.8393	29.41224	28.89582	30.0672	33.279198
ENSMUSG Mcpt1	0	0.222104	0.193781	3.904208	5.192957	1.884731
ENSMUSG Nmu	0	0	0	0	0	0
ENSMUSG Cma1	1.178267	1.00165	3.270342	1.466094	1.00039	0.963981
ENSMUSG Clock	9.139002	10.14207	7.947464	9.528903	10.16434	10.141062
ENSMUSG Zc2hc1a	13.8468	15.42767	13.12044	11.54489	10.95244	10.924953
ENSMUSG Zscan26	23.03883	24.25936	23.87287	17.81353	18.46926	18.030899
ENSMUSG Atp12a	0.014304	0	0	0	0	0
ENSMUSG Ccl12	1.94056	0.908327	1.862073	6.119082	7.098829	7.081396
ENSMUSG Nup37	2.808384	2.744025	2.528442	3.558118	3.507446	4.572556
ENSMUSG Nfkbiz	12.70019	6.710972	8.420903	9.094741	8.613747	7.568621
ENSMUSG Pdzn3	7.647024	7.848867	7.60647	6.436626	6.812406	6.305686
ENSMUSG Uvrag	12.02145	11.36683	11.91533	11.21391	11.6051	11.714579
ENSMUSG Kcnh4	0.204688	0.150543	0.164513	0.075548	0.058306	0.083789
ENSMUSG B4galt2	3.194153	2.623771	3.727664	2.666706	3.390765	3.404829
ENSMUSG Dph2	2.540375	2.3301	2.947622	3.204349	2.649716	2.512502
ENSMUSG Ttc22	0.427893	0.702699	0.428294	0.578055	0.961604	0.612127
ENSMUSG Slc6a9	11.26927	11.89977	12.92424	8.224145	8.986971	8.419969
ENSMUSG Bend5	1.358234	0.817603	1.215304	1.616416	2.067725	1.74987
ENSMUSG Slc5a9	0.022393	0.137036	0.009381	0.481094	0.331651	0.476403
ENSMUSG Arpc5	99.77411	100.9309	105.7925	115.9185	108.2638	110.27346
ENSMUSG Elavl4	0.012236	0.148337	0.042102	0.07383	0.061511	0.025837
ENSMUSG Spert	0	0	0	0	0	0
ENSMUSG Mdga2	0.005718	0	0	0.007964	0.002848	0
ENSMUSG Ushbp1	37.09088	32.65313	42.00166	25.44608	22.48765	24.416965
ENSMUSG Pygo1	1.868984	2.068029	1.601479	1.811694	1.54382	1.610804
ENSMUSG Tjp3	9.088376	9.808586	8.229092	15.7026	17.28003	17.620312
Mus_musc Mus_musc	0.282544	0.077562	0.192484	0.051268	0.142139	0.134007
Mus_musc Mus_musc	0	0.02374	0.039936	0.773506	1.137045	1.021211
Mus_musc Mus_musc	2.528027	2.282551	2.188407	0.517983	0.375711	0.55801
Mus_musc Mus_musc	0	0	0.146411	0	0.147798	0
ENSMUSG Gadd45g	11.41426	12.66676	14.42283	18.28104	23.36313	24.812777
Mus_musc Mus_musc	0	0	0	0	0	0.480667
Mus_musc Mus_musc	0.602121	0.384002	0.276568	0.449428	0.376956	0.405727
Mus_musc Mus_musc	0.243084	0.091524	0.304276	0	0.416892	0.629838
Mus_musc Mus_musc	0	0	0.295115	0	0.067738	0
ENSMUSG Prodh2	0	0	0	0	0	0
ENSMUSG Vmn1r2	0	0.128172	0	0	0	0
ENSMUSG Wdr72	0.25318	0.349646	0.058198	0.634965	0.567763	0.643184
ENSMUSG Tmem88	8.848204	7.076414	7.087375	6.339675	5.628608	8.310246
ENSMUSG Wdr81	7.771012	7.45097	7.422904	8.577457	8.840803	9.333862
ENSMUSG Pxt1	0	0	0	0	0	0.053439
ENSMUSG Fibrin	40.26676	35.56519	31.91761	15.511	18.32377	12.765562
ENSMUSG Slc25a38	10.27852	13.86286	15.25339	11.58984	11.42952	12.871164
ENSMUSG Rpsa	252.5499	340.7661	364.8708	400.8598	421.7541	443.81411
ENSMUSG Csrnp1	27.08301	21.05011	38.66214	10.82939	16.22732	11.186878
ENSMUSG Ttc21a	4.738509	5.571719	3.333257	5.581895	5.586641	6.506284

ENSMUSG Mobp	0.021621	0	0	0.019876	0	0
ENSMUSG Scn5a	0.444881	0.878892	0.313917	0.75073	0.582842	0.589797
ENSMUSG Gorasp1	5.566829	6.536272	6.186975	6.571328	7.042498	7.054502
ENSMUSG Wdr48	19.06798	20.07747	17.88114	16.20698	16.12676	15.713115
ENSMUSG Dsg2	2.796019	3.442609	1.585194	2.909209	2.799937	2.760873
ENSMUSG Tigd3	0.576547	0.503367	0.623721	0.590535	0.326138	0.410194
ENSMUSG Gstp3	3.298953	3.355081	3.017484	4.682091	4.630826	7.278235
ENSMUSG Tmx2	20.6264	20.51875	20.2935	18.80479	19.56529	21.510262
ENSMUSG Gm21981	7.681047	5.433259	6.865817	7.562791	5.184545	5.021865
ENSMUSG B3gnt7	5.285767	4.906943	5.39524	8.069252	9.209673	8.226212
ENSMUSG St6galnac4	7.04488	5.667493	7.876404	9.967988	9.230994	11.41005
ENSMUSG Alpi	0	0	0	0	0	0
ENSMUSG Rnf138	9.282705	8.159506	6.765735	7.454349	5.802468	5.868741
ENSMUSG Vps52	14.89493	14.18092	14.97252	13.49847	14.18782	15.337711
ENSMUSG Rell2	0.089608	0.158493	0.151798	0.400528	0.052282	0.306502
ENSMUSG Olfr790	0	0	0	0	0	0
ENSMUSG Slc35g1	1.597157	1.579947	1.157341	1.559628	1.911405	1.553829
Mus_musc Mus_musc	6.361282	7.554848	4.538396	2.91228	3.854211	4.275803
ENSMUSG Pcdhb21	0.431733	0.481695	0.325525	0.322082	0.28997	0.264346
Mus_musc Mus_musc	0.192749	0.47233	0.307294	0.129733	0.14554	0.268027
Mus_musc Mus_musc	0.186537	0	0	0.31677	0	0.222546
Mus_musc Mus_musc	12.29327	11.98941	14.20852	12.88227	10.81059	11.105729
Mus_musc Mus_musc	0	0	0	0	0	0.170798
Mus_musc Mus_musc	1.99746	1.866437	2.200567	1.341935	1.97454	1.861492
Mus_musc Mus_musc	0	0	0	0.228468	0	0.091489
Mus_musc Mus_musc	0	0.0984	0.254406	0	0	0.181054
Mus_musc Mus_musc	0	0	0.068304	0.322252	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.368372
ENSMUSG Kcnh6	0.236745	0.239115	0.139743	0.176289	0.165296	0.101381
Mus_musc Mus_musc	0.125757	0.175397	0.155356	0.198356	0	0.114302
Mus_musc Mus_musc	0.165468	0.065251	0	0.230696	0.032538	0.231548
Mus_musc Mus_musc	0	0.181407	0.152771	0.223787	0.206127	0
Mus_musc Mus_musc	0.743433	0.451294	0.84432	0.201616	0.259457	0.392084
Mus_musc Mus_musc	0	0	0.111873	0	0.222924	0.203014
Mus_musc Mus_musc	0	0	0	0.389524	0	0
ENSMUSG Trmt1	10.58519	10.55715	9.838598	11.81576	10.25798	10.856186
ENSMUSG Nppa	0	7.971456	0.244909	0.734693	0.124749	0.215913
ENSMUSG Ccdc74a	1.513463	1.49113	1.237437	1.442661	1.469418	1.507376
ENSMUSG Narf	6.332445	5.524044	5.181458	5.499227	5.23764	5.898234
ENSMUSG Cav2	166.8512	161.323	152.2711	93.99633	93.77295	83.223136
ENSMUSG Paxx	16.70681	17.32558	17.11292	14.74658	16.15393	14.149859
ENSMUSG A430005L	13.40847	15.45746	14.90454	13.14629	12.13678	11.837246
ENSMUSG Ddi1	0.015859	0.015683	0	0.003204	0	0
ENSMUSG Cd52	31.10274	26.16623	54.11676	160.3235	131.05	147.35904
ENSMUSG Slc2a10	2.502877	2.367345	2.318773	1.93426	2.057093	1.964437
ENSMUSG Skil	17.9427	16.05303	17.24396	15.36626	15.41523	15.334634
ENSMUSG Zmat3	3.746648	4.19479	3.716498	3.888369	4.38214	4.864492
ENSMUSG Olfr284	0	0	0	0	0	0
ENSMUSG Pik3ca	16.09808	17.7163	15.43682	13.71515	14.28197	12.819824
ENSMUSG Zfp639	11.73372	11.44061	13.97827	10.59802	9.002103	9.839724
ENSMUSG Gnb4	8.430971	7.649447	8.241323	6.245544	5.876354	5.258687
ENSMUSG Mfn1	11.72667	11.3311	10.31191	9.637742	10.14697	9.279419
ENSMUSG Gm813	0	0	0	0	0	0
Mus_musc Mus_musc	0.332015	0.303177	0.18383	0.198124	0.398779	0.206456
ENSMUSG Lipm	0	0	0	0.172599	0.081492	0.043711
ENSMUSG Il11	0.100528	0.112426	0.50082	0.146383	0.123184	0.207623
ENSMUSG S100a9	65.61441	52.86051	88.31925	52.03493	23.68608	24.767655
ENSMUSG Grik2	0.337856	0.30348	0.151159	0.113396	0.167718	0.063186
ENSMUSG Eif3b	58.5869	54.2813	55.25808	48.48056	53.50753	55.609187
ENSMUSG Olfr587-ps	0	0	0	0	0	0
ENSMUSG Naf1	3.937855	3.669232	3.932963	3.218698	3.621613	3.470001
ENSMUSG Dnajb9	32.10112	31.96421	32.11682	36.9278	37.34936	35.000306
ENSMUSG Phactr3	0	0.045486	0.059813	0	0	0.008152
ENSMUSG Mtif2	5.70579	6.637905	5.582391	7.294848	6.535101	6.49102

ENSMUSG Olfr177	0	0	0	0	0	0
ENSMUSG Dhrr3	37.92702	46.05841	38.88567	43.63017	47.30997	50.837927
ENSMUSG Gm10436	0	0	0	0	0	0
ENSMUSG Adgrf2	0.066074	0.119256	0	0.054738	0.045252	0.016826
ENSMUSG Olfr884	0	0	0	0	0	0
ENSMUSG Gm10717	0	0	0	0	0	0
ENSMUSG Ascl4	0.221037	0.080752	0.050282	0.093265	0.025559	0.041119
ENSMUSG Kik1b1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.440644	0.319592	0.247247
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.098964	0.074177	0	0	0	0.431707
Mus_musc Mus_musc	0.230002	0.401932	0.328396	0.765188	0.656623	0.912065
Mus_musc Mus_musc	0	0.031765	0.234226	0.193332	0.165593	0.350716
Mus_musc Mus_musc	15.58582	19.27493	16.08792	20.12166	20.95532	19.353281
ENSMUSG Ugt1a8	0	0	0	0	0	0
ENSMUSG Agxt2	0	0	0	0.022009	0.030722	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0	0.236616	0	0
Mus_musc Mus_musc	0.102603	0	0	0	0.131166	0
Mus_musc Mus_musc	0.616249	0.022314	0.146487	0	0	0
Mus_musc Mus_musc	0.117439	0	0	0	0.400783	0
Mus_musc Mus_musc	0.319228	0.099383	0.370021	0.12537	0.209056	0.664601
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Wdr61	26.83542	26.58909	28.78233	28.67198	24.97697	24.247227
ENSMUSG Gm38394	13.14599	15.28556	8.799876	15.7012	17.13075	12.4055
ENSMUSG Sstr5	0.033915	0	0	0	0	0.039425
ENSMUSG Fam131a	7.400191	7.603832	6.770643	6.459738	6.035826	7.721446
ENSMUSG Slc29a4	0.609324	0.686486	0.566255	0.577502	0.626748	0.469362
ENSMUSG Plac1	0	0	0	0	0	0.039567
ENSMUSG Lsamp	0.447386	0.413889	0.253627	0.410404	0.109301	0.086288
ENSMUSG Myl4	9.260004	81.62915	12.62682	33.09277	21.35361	13.630634
ENSMUSG Olfr723	0	0	0	0	0	0
ENSMUSG Vmn2r21	0	0	0	0	0	0
Mus_musc Mus_musc	0.309319	0	0.054378	0.440797	0.138	0.125134
Mus_musc Mus_musc	0.083301	0	0	0.270809	0.286719	0.210688
ENSMUSG Olfr192	0	0	0	0	0	0
Mus_musc Mus_musc	3.98092	3.412114	3.999693	3.11016	3.46124	3.074153
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.593758	0.481775	0.648018	0.474449	0.330631	0.250034
Mus_musc Mus_musc	0.107859	0.256612	0.412193	0.622007	0.210645	0.801969
Mus_musc Mus_musc	0.303969	0.422496	0.277326	0.515565	1.169744	0.865808
Mus_musc Mus_musc	0	0.167251	0.425739	0.254174	0.119058	0
ENSMUSG Smagp	39.74293	32.1356	39.09333	22.40554	25.20268	22.71657
ENSMUSG Kmt2a	10.71021	10.70433	9.054745	9.879237	10.45712	10.394914
ENSMUSG Shisa7	0.540312	0.481298	0.454163	0.08243	0.229964	0.052287
ENSMUSG Ltbp2	19.37514	16.48744	22.47172	12.73717	13.65819	13.060606
ENSMUSG 3110082i1	7.807144	6.429083	5.29609	5.714693	4.439561	5.65984
ENSMUSG Vmn1r9	0	0	0	0	0	0.016305
ENSMUSG Gm45213	0	0	0	0	0	0
ENSMUSG Rbm8a2	0.02108	0.083498	0.037878	0.038497	0.044371	0.022163
ENSMUSG Chml	2.908867	3.241744	2.500603	2.45339	2.822221	2.379612
ENSMUSG Zic3	0	0	0	0	0	0
ENSMUSG Ms4a14	0.032846	0.054522	0.093383	0.305833	0.306678	0.317753
ENSMUSG Tcaf1	11.88498	11.49628	11.51629	9.283561	9.620822	8.984778
ENSMUSG Ndufa2	37.58123	39.40201	48.8036	49.9396	48.41661	51.286724
ENSMUSG Dennd3	29.38353	26.46795	28.91137	21.0961	20.56514	18.921078
ENSMUSG Irf1	59.8526	58.42965	130.965	83.79153	44.66182	50.672503
ENSMUSG Mb	3.125783	22.99301	2.701951	4.219853	1.536088	1.547231
ENSMUSG Sirt5	5.043226	4.64631	3.982884	4.447799	2.888199	3.607025
ENSMUSG Raet1d	0	0.021657	0	0	0	0
ENSMUSG Abracl	25.65612	23.02646	31.73788	41.80219	35.28244	37.646978
ENSMUSG Nt5dc3	5.578341	5.889846	5.500875	4.550207	4.795879	5.361274
ENSMUSG Ppil6	2.942481	4.185236	1.922835	5.391083	4.00444	4.770131

ENSMUSG Olfr853	0	0	0	0	0	0
ENSMUSG Bcl2a1d	10.06429	7.868119	12.09983	23.20769	22.39522	24.748505
ENSMUSG Olfr1475	0	0	0	0	0	0
ENSMUSG Olfr1286	0	0	0	0	0	0
ENSMUSG Gm11236	0	0	0	0	0	0
ENSMUSG Gm21854	0	0	0	0	0	0
ENSMUSG Olfr1329	0	0	0	0	0	0
ENSMUSG Aff3	15.73297	18.60348	10.904	10.40331	12.2736	7.175188
ENSMUSG Myom3	0.703383	0.601225	0.40372	0.594995	0.601066	0.463113
ENSMUSG Prmt9	5.122217	4.957814	4.186895	4.350755	4.477201	5.576812
ENSMUSG Raf1	32.36073	30.52614	30.91422	27.30442	27.07579	30.879234
ENSMUSG H2-M10.6	0	0	0	0	0	0
ENSMUSG Gm4027	0	0	0.009741	0	0	0
Mus_musc Mus_musc	0.570201	0.601473	0.433845	0.819798	0.486383	0.859902
ENSMUSG Gm32687	0.75834	0.642766	0.695701	0.811574	0.95996	0.767108
ENSMUSG Spout1	8.388652	8.559777	8.801289	8.695502	7.304708	8.528008
ENSMUSG Dusp26	0.504839	0.400509	0.260901	0.155747	0.379613	0.25102
ENSMUSG Gm8237	0.279275	0.273182	0.119351	0.0697	0.060805	0
ENSMUSG Cyp4f40	0	0.030042	0	0.087795	0.073072	0.019002
ENSMUSG Steap2	3.580105	3.444216	2.326655	4.941537	5.602418	5.665672
ENSMUSG Steap1	0.371018	0.611843	0.169898	1.000891	0.77242	1.34149
ENSMUSG Esr1	0.393089	0.425074	0.307127	0.256929	0.232872	0.355849
ENSMUSG Cyb5rl	2.847834	2.304369	1.728679	2.684305	1.984253	2.989153
ENSMUSG Serac1	3.048942	2.921141	2.802961	2.618267	2.591758	2.911039
ENSMUSG Ccdc170	1.948455	1.766312	1.187848	2.069494	1.306623	1.790235
ENSMUSG Krt10	1.076369	0.658928	0.351608	0.822463	0.687715	0.624891
ENSMUSG Rmnd1	4.010998	3.367935	4.131322	3.53092	4.516412	4.365073
ENSMUSG Iyd	4.075364	4.026114	2.876729	2.103513	2.491793	1.812234
Mus_musc Mus_musc	0.15665	0.252216	0.413369	0.172336	0.057424	0.181417
Mus_musc Mus_musc	0	0	0	0	0.182497	0
ENSMUSG Akr1c21	0	0	0	0	0	0
ENSMUSG Asb2	1.488758	2.458041	2.124437	3.517956	2.795463	2.950651
ENSMUSG Otub2	3.378429	3.417251	3.36894	1.906414	2.264931	2.734575
ENSMUSG Ppp4r4	2.57308	2.363505	2.475502	1.812126	2.169201	2.029356
ENSMUSG Ifi2712b	0.194913	0.109555	0.114376	0	0	0.303158
ENSMUSG Olfr187	0	0	0	0	0	0
ENSMUSG Defb8	0	0	0	0	0	0
ENSMUSG Pdlim1	26.25911	26.66956	29.68502	23.39888	22.86901	26.053637
ENSMUSG Bcl6b	12.07906	9.56474	13.88329	7.72891	6.722672	7.298585
ENSMUSG Spsb4	0.199092	0.163727	0.198127	0.964702	1.470545	1.749837
ENSMUSG Vps36	16.74661	16.43838	17.30835	15.16538	15.49933	14.879688
ENSMUSG Nek3	1.153309	1.740598	0.748552	1.401709	1.566192	1.046875
ENSMUSG Olfr577	0	0	0	0	0	0
ENSMUSG Mcidas	0.076573	0.198908	0.163961	0.629665	0.57555	0.978814
ENSMUSG Lmtk3	0.052638	0.021782	0	0.02577	0.068817	0.052619
ENSMUSG Olfr294	0	0	0	0	0	0
ENSMUSG Zfp27	2.41496	2.163156	2.050397	2.313163	1.695743	1.764158
ENSMUSG Gsg1l	0.444795	0.168942	0.28202	0.093019	0.033693	0.136579
ENSMUSG Ccdc18	0.176705	0.125911	0.091737	0.334256	0.302449	0.248014
ENSMUSG Rlim	11.6477	12.33755	11.36459	10.72786	11.55615	10.956251
ENSMUSG Pign	4.95109	5.244385	4.701714	6.649269	6.511677	6.592795
ENSMUSG Zar1	0	0	0	0	0	0
ENSMUSG Pepd	19.54347	17.14855	19.88425	19.16434	19.97292	22.014993
ENSMUSG Poteg	0	0	0	0	0	0
ENSMUSG Atad3a	8.391547	6.368451	7.828644	7.791888	8.104844	8.258612
ENSMUSG Ints11	12.02582	13.00147	13.62569	12.12302	12.21553	13.486958
ENSMUSG Arhgef16	8.170776	6.343843	7.315819	6.434013	5.809981	7.739634
ENSMUSG Acap3	8.399719	7.647005	8.470629	7.418876	7.401763	6.906141
ENSMUSG Tprgl	89.43785	86.41354	85.6711	67.29873	67.68501	65.611862
ENSMUSG Ssu72	34.02101	30.9156	31.65888	35.40857	33.9509	33.689616
Mus_musc Mus_musc	0	0.273114	0	0	0	0
ENSMUSG Fmo4	4.452035	3.447088	2.928338	2.146843	1.550061	1.540327
ENSMUSG Pctp	2.281167	2.137691	2.387596	3.227511	2.665765	2.696269
Mus_musc Mus_musc	0.008447	0.030388	0.08306	0.01326	0.138289	0.009561

ENSMUSG Tmem54	0.866175	1.052933	0.969109	1.002549	1.613286	1.571886
ENSMUSG Hpca	0	0.083283	0	0	0.076142	0
ENSMUSG 2610028H	23.78644	22.91901	18.10221	15.3142	15.32882	17.46836
ENSMUSG Adgrb2	0.452592	0.290433	0.364442	0.403449	0.378288	0.536402
ENSMUSG Sema3c	85.6632	99.55015	83.25441	52.99115	57.8561	61.381805
ENSMUSG Azin2	12.56041	10.44736	9.970933	9.833077	9.073208	12.584468
ENSMUSG Bcl2l13	7.075007	8.061343	7.049602	7.515823	7.337265	7.054056
ENSMUSG Cpa5	0	0	0	0	0	0
ENSMUSG Nt5c3	10.58735	10.29537	12.67447	11.78599	10.38596	10.742199
ENSMUSG Fkbp9	55.50838	55.41211	61.54094	43.13181	45.67442	44.497501
ENSMUSG Tmem209	8.537819	7.608774	8.112703	7.536498	6.019336	7.218344
ENSMUSG Ssmem1	0	0	0.034165	0.038569	0.031348	0.041236
ENSMUSG Avl9	9.992603	10.72019	8.610765	9.656899	9.338984	9.408942
ENSMUSG Bend3	1.720471	1.412866	1.446923	1.416102	1.764695	1.497062
ENSMUSG Cep44	6.128837	5.655187	5.396417	5.989965	6.351706	6.348982
ENSMUSG Pnmt	0.241475	0.278984	0.508272	0.242627	0	0.102148
ENSMUSG Tlcd2	6.49479	6.528879	6.790287	6.325228	5.648764	6.206095
ENSMUSG Hoxa11	0	0	0	0	0	0
ENSMUSG Olfr57	0	0	0	0	0	0
ENSMUSG Mfsd14b	22.63456	20.4698	20.35846	17.00816	19.04686	16.437878
ENSMUSG Tapbpl	17.87698	17.25761	30.9522	22.73471	18.26942	20.699339
ENSMUSG Adam4	0.066607	0.141861	0.167857	0.096668	0.114073	0.217213
ENSMUSG Gm4787	0.261602	0.120399	0.086756	0.195118	0.251816	0.095108
ENSMUSG Tctn3	4.57831	4.951428	4.099554	3.127873	3.414771	4.065602
ENSMUSG Zscan10	0	0	0	0.067723	0.090163	0.03072
ENSMUSG Cyp2c39	0	0	0	0	0	0
ENSMUSG Cyp2c55	0	0.130331	0	0.78678	0.161239	0.142825
ENSMUSG Hells	0.678802	0.4573	0.633021	1.424562	1.187443	1.558952
ENSMUSG Aldh18a1	2.511046	2.28794	2.27168	6.067002	5.864056	7.28743
ENSMUSG Sorbs1	29.39006	24.1445	24.81974	12.18176	13.40346	15.352205
ENSMUSG Cyp2c40	0	0	0	0	0	0
ENSMUSG Prss51	0	0	0	0	0	0
Mus_musc Mus_musc	1.237029	0.596139	1.848351	0.749728	1.791091	1.203689
Mus_musc Mus_musc	0.739124	0.316357	0.532098	0.139768	0.22457	0.131002
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.209519	0	0	0
Mus_musc Mus_musc	4.158294	5.061918	3.656438	6.500092	7.523608	6.070418
Mus_musc Mus_musc	0.143089	0.921846	0.520854	1.557539	0.809089	1.273941
ENSMUSG Cox8a	133.5776	154.9823	150.4548	180.8333	178.8934	177.00501
ENSMUSG Tmed3	27.30152	27.81625	28.00123	38.57399	44.72294	47.531136
ENSMUSG Lrrc1	9.401006	9.74553	8.620047	7.08563	7.663941	6.678888
Mus_musc Mus_musc	1.305685	0.767568	0.398159	2.467511	1.827332	2.012689
ENSMUSG Gclc	28.79	31.58024	26.75327	46.24229	51.80451	53.127941
ENSMUSG Tinag	2.948348	4.834771	3.768973	5.376723	5.084364	4.380433
ENSMUSG Rasgrf1	0.300908	0.790156	0.60476	0.351369	0.379322	0.413352
ENSMUSG Mlip	0.054835	0.787934	0.042936	0.317806	0.207839	0.076513
ENSMUSG Wdr20	10.8361	11.77856	10.74603	9.106795	8.988864	9.614069
ENSMUSG Ctsh	131.9426	145.1291	149.5763	174.9381	193.8333	185.02937
ENSMUSG Fam83b	1.824185	1.379532	1.051959	0.78148	1.102599	0.862812
ENSMUSG A4gnt	0	0	0	0	0	0
ENSMUSG Zfyve19	5.66088	6.522181	6.445986	5.778768	5.457238	6.46387
ENSMUSG Mgam	0.27695	0.456964	0.376597	0.490464	0.288263	0.464422
ENSMUSG Gm1043	0.065845	0.051372	0.072868	0.13677	0.101203	0.176205
ENSMUSG Gm7072	3.244273	3.581442	3.389932	4.188192	3.288035	3.624
ENSMUSG Mrm1	2.184793	3.336868	3.414325	2.650146	2.514279	3.524523
ENSMUSG Mtmr4	11.51269	11.98231	12.96404	12.52913	10.84849	14.009074
ENSMUSG Dlg5	6.57987	7.098774	5.471181	5.92296	6.412529	6.11363
ENSMUSG Ngly1	13.06817	13.57363	12.50233	12.95562	12.98324	13.229028
ENSMUSG Oxsm	2.818143	2.994726	3.066234	4.068532	3.420219	3.110248
ENSMUSG Per3	16.75783	14.93955	13.62968	6.351136	7.473571	5.889217
ENSMUSG Fpr-rs6	0	0	0	0	0	0
ENSMUSG Sftpa1	1140.143	1235.251	1042.837	1469.498	1510.907	1609.8815
ENSMUSG Fpr-rs7	0	0	0	0	0	0
ENSMUSG Amph	2.898566	2.598589	3.335425	2.418144	2.29454	2.305314

ENSMUSG Mapre3	19.4457	18.7059	19.46353	17.94664	17.27183	20.155897
ENSMUSG Gli3	0.762542	0.88521	0.582704	0.715884	0.67632	0.859566
ENSMUSG Adh6a	0	0	0	0	0	0
ENSMUSG Sdhaf2	9.581565	10.12648	10.42968	10.37718	10.07446	10.861793
ENSMUSG Cd5	2.495302	1.65585	1.579622	3.774236	3.440181	3.701897
ENSMUSG Corin	0.313684	0.886034	0.327179	4.014232	6.072976	6.774725
ENSMUSG Incenp	3.045209	3.476133	3.421049	5.842929	6.483848	6.278896
ENSMUSG Fth1	2366.945	2253.417	2351.374	2044.718	2273.238	2291.0779
ENSMUSG Rab3il1	3.927488	3.211222	3.731064	13.73779	14.5945	14.619822
ENSMUSG Fads3	47.41763	46.85111	47.80986	33.79224	32.48266	35.156342
ENSMUSG Fads2	23.13597	22.20866	22.39636	27.00666	24.32438	34.03315
ENSMUSG Tmem138	4.672168	4.182577	3.952469	3.497729	3.513049	4.280687
ENSMUSG Tmem216	7.852201	8.780474	8.25332	6.381269	6.653077	5.640207
ENSMUSG Ppp1r9a	17.91858	18.74349	14.87402	10.82014	10.26132	11.485513
ENSMUSG Ank2	0.272842	0.497319	0.275761	0.3236	0.424015	0.412515
Mus_musc Mus_musc	0.14259	0.06797	0.279937	0.573057	0.434282	0.217077
ENSMUSG Ccnt2	12.03231	12.08718	11.66056	10.42248	9.178124	8.898021
ENSMUSG Sh2d3c	40.17464	38.37955	43.47548	21.37859	24.17347	22.665217
Mus_musc Mus_musc	0.568144	0	0	0.116725	0.293538	0.260128
ENSMUSG Zdhhc23	1.580559	1.496352	1.829986	1.853385	1.52275	1.617319
ENSMUSG Lzts1	1.934649	1.847903	2.17443	1.280499	1.460887	1.490282
Mus_musc Mus_musc	1.239763	3.385727	1.903847	3.41592	2.520407	6.23119
ENSMUSG Skp1a	108.9119	110.9103	102.0636	84.97229	82.87965	80.426923
ENSMUSG Ece2	0	0.112158	0.032708	0.124728	0	0
ENSMUSG Clcn2	1.145786	1.176751	1.099199	1.421733	1.140511	0.987166
ENSMUSG Adcy5	3.258796	3.029565	2.985126	1.670237	2.352436	2.418628
ENSMUSG Ap2m1	87.22845	74.18008	80.03148	77.66511	84.80733	95.652779
ENSMUSG Thpo	0.12974	0.223321	0.094405	0.044418	0	0.299062
ENSMUSG Pdia5	11.80297	8.794266	10.69631	9.338049	10.06844	9.308432
ENSMUSG Dirc2	9.798546	8.917403	8.426828	7.121453	8.029605	8.04037
ENSMUSG Hspbap1	2.011525	1.770972	2.380053	2.117716	1.721288	2.193739
ENSMUSG Ror2	0.871834	0.612435	0.773376	0.551437	0.419999	0.670697
ENSMUSG Actr3	84.24108	83.96654	99.09371	114.1074	113.9898	120.79486
ENSMUSG Zfp719	3.125343	3.019229	2.753088	2.68302	2.503917	2.541393
ENSMUSG Siglecg	1.286321	0.895102	0.959694	3.36009	2.555374	3.095892
ENSMUSG 4933421I0	0	0	0	0	0	0
ENSMUSG Psd3	7.628937	4.063291	5.415719	5.081689	3.279712	5.38742
ENSMUSG Hbb-bt	2118.303	1875.225	2798.472	873.1398	876.3325	637.96838
ENSMUSG Adam33	2.763808	2.226469	2.693781	2.587117	1.613169	1.752614
ENSMUSG Aadacl4	0	0	0	0	0	0
ENSMUSG Chac1	2.246729	1.794116	1.123214	2.034299	3.0376	2.161066
ENSMUSG Atrn	15.82001	14.45104	12.9663	11.16597	12.10547	11.585515
ENSMUSG Spint1	27.20719	23.44832	21.97247	23.32301	22.83569	23.603146
ENSMUSG Dll4	47.7292	34.85318	41.96483	27.42937	28.15813	24.157917
ENSMUSG Ppp1r14d	0.834076	1.610196	1.028936	1.7081	2.121084	2.205627
ENSMUSG Vsig10l	0.80892	0.725596	0.873218	0.714749	0.985812	0.964337
ENSMUSG Ang	9.033719	8.480164	8.329532	8.637054	7.048963	11.913927
ENSMUSG Msx2	0	0.014091	0	0	0	0
ENSMUSG Olfr608	0	0	0	0	0	0
ENSMUSG Slc44a4	3.900817	4.526908	2.998176	7.711316	6.978602	7.428888
ENSMUSG Eml2	28.80142	28.70048	26.78678	27.36518	25.91202	27.834519
ENSMUSG Tex264	31.23039	30.52471	33.84805	33.91132	34.28064	35.380303
ENSMUSG Agbl2	1.178843	1.818243	0.947307	1.992131	1.627209	2.036097
ENSMUSG Dennd6a	11.799	11.84115	10.00349	8.951086	9.316872	9.727291
Mus_musc Mus_musc	0.211457	0.188123	0.121723	0.099687	0.060431	0.125386
Mus_musc Mus_musc	160.3625	170.1749	198.0633	170.075	185.3159	179.07431
Mus_musc Mus_musc	1.003443	1.359476	1.059547	0.614591	0.370086	0.699159
Mus_musc Mus_musc	0.077797	0.222214	0.207507	0	0.213987	0
Mus_musc Mus_musc	0.124619	0.172863	0.421886	0	0	0
ENSMUSG Olfr146	0	0	0	0	0	0
ENSMUSG Olfr209	0	0	0	0	0	0
ENSMUSG Catsperz	0	0	0.04523	0.166441	0.079123	0.07075
ENSMUSG Wdfy1	20.65427	22.08326	19.26233	20.27525	18.1476	21.152112
ENSMUSG 2510009E0	14.00694	13.94546	13.19448	13.09774	13.57673	13.613717

ENSMUSG Ccdc121	1.302782	1.898199	0.677324	2.38581	2.703908	1.928842
ENSMUSG 1700034I2	0.018686	0.039432	0.027484	0.011117	0	0
ENSMUSG Gpr135	0.312132	0.223479	0.419069	0.21799	0.429926	0.357438
ENSMUSG Ccr4	0.47581	0.330183	0.226393	0.772061	1.135329	0.757692
ENSMUSG Ang2	0	0	0	0.047583	0.143698	0.059713
ENSMUSG Ripply2	0	0	0	0	0	0
Mus_musc Mus_musc	0.811749	0.703224	1.492411	0.780367	0.800514	0.890466
Mus_musc Mus_musc	0.385025	0.148278	0.58105	0.216649	0.541034	0.180323
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.087884	0	0	0	0	0.480486
Mus_musc Mus_musc	0.222391	0.485575	0	0.207067	0.3159	0.308479
Mus_musc Mus_musc	0.435758	0.751062	0.474014	0.491028	0.876493	0.963266
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	7.093118	10.33918	7.236635	11.19153	11.56609	10.217094
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.071259	0	0.24057	0.212855	0.14803	0.516337
Mus_musc Mus_musc	1.942697	2.420553	1.467981	2.935987	2.391408	2.78022
ENSMUSG Mrps12	13.61415	14.51794	13.73585	15.77643	16.69423	18.085271
ENSMUSG Gm10271	0	0	0	0.046851	0.081379	0.133417
ENSMUSG Lyz1	368.7909	444.0847	463.1978	217.1054	191.9593	258.42777
ENSMUSG Lyz2	3710.277	3915.387	3560.34	3818.147	3375.682	4084.3447
ENSMUSG BC049762	0.253003	0.05228	0.041325	0.27252	0.262596	0
ENSMUSG Tomm7	13.03852	14.31332	14.66193	15.98304	14.16555	14.79695
ENSMUSG Rint1	4.848703	4.688401	4.014401	5.472354	5.414873	5.05664
ENSMUSG Nmnat1	2.730042	2.829879	2.481373	2.503009	2.217458	2.555058
ENSMUSG Lzic	8.302702	7.083974	7.141929	6.797294	7.595299	7.362109
ENSMUSG Mtor	8.445663	8.260413	8.080868	7.772887	7.487436	8.055549
ENSMUSG Rbp7	1.44684	1.197829	1.165086	0.264277	0.404148	0.537383
ENSMUSG Fam126a	14.33531	15.83087	13.83153	11.8842	12.87996	13.634363
ENSMUSG Rhoj	29.30382	29.4744	29.01261	20.63901	23.49964	21.070121
Mus_musc Mus_musc	2.268886	3.016979	0	4.466539	9.49241	11.195916
ENSMUSG Fam83h	4.896821	4.446184	3.539903	3.292494	3.231293	3.961332
Mus_musc Mus_musc	0	0	0.232902	0	0	0.083152
Mus_musc Mus_musc	0.655931	0.815009	0.813566	0.601897	0.51111	0.405868
Mus_musc Mus_musc	0	0	0.268171	0	0	0
Mus_musc Mus_musc	0	0.233802	0	0.055369	0	0.398136
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.472321	0	0
ENSMUSG Gpr33	0.035357	0	0.127797	0.101677	0.108142	0.060644
ENSMUSG Nubpl	1.721271	1.70311	1.589764	1.579924	1.513456	1.584575
ENSMUSG Mindy2	19.6914	19.67432	16.31658	14.28138	15.4168	13.727802
ENSMUSG Bhlhe23	0	0	0	0	0	0
ENSMUSG Zmym4	5.914246	6.129095	5.167953	4.844585	5.283725	4.96234
ENSMUSG Krtap4-6	0	0	0	0	0	0
ENSMUSG Hoxd1	0	0	0	0	0	0.029577
ENSMUSG Pcdhb3	0.578046	0.704803	0.790748	0.446597	0.5409	0.611068
ENSMUSG Fnbp4	10.13644	8.096006	9.970762	8.356484	7.790953	8.23514
ENSMUSG Cers4	7.264989	6.088628	5.93376	4.505338	4.172067	3.793887
Mus_musc Mus_musc	0.29292	0.151685	0	0	0	0.368372
ENSMUSG Smarcd2	31.97703	31.17232	32.52149	29.55988	29.01113	32.545481
Mus_musc Mus_musc	0	0	0	0.149157	0	0.153632
Mus_musc Mus_musc	0	0	0	0	0	0.344273
ENSMUSG Trim30c	0.167512	0.078414	0.545418	0.068856	0.135232	0.264687
ENSMUSG Gm5901	0	0	0	0	0	0
Mus_musc Mus_musc	0.197915	1.156001	0	0.547888	0.216867	0.278691
ENSMUSG Spaca7	0	0	0	0	0	0
ENSMUSG Hspb1	79.79982	77.19315	76.81658	29.60206	64.29721	63.395982
ENSMUSG Rasa4	3.614499	3.687532	5.987521	7.211996	6.92464	7.386444
ENSMUSG Rln3	0.275272	0.216617	0.063684	0.573649	1.082462	0.947078
ENSMUSG Krtap5-4	0	0	0	0	0	0
ENSMUSG 1110012L1	10.17432	8.180507	9.454712	9.381443	8.558837	10.456021
ENSMUSG Dnali1	7.443323	9.578104	5.815732	11.53532	11.10761	9.844193
ENSMUSG Erich5	0.023672	0.133264	0	0.105374	0	0.047071
ENSMUSG Gpr152	0.023588	0	0	0	0.01428	0.026534

ENSMUSG Topors	13.19826	13.69602	12.27307	12.21559	12.41459	11.834921
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	1.661592	1.600587	1.349549	0.852947	1.568791	1.295282
Mus_musc Mus_musc	0.128726	0.319183	0.101196	0.185929	0.273876	0
Mus_musc Mus_musc	0.168834	0.178049	0	0	0.340746	0
Mus_musc Mus_musc	0.119824	0.445152	0	0	0.275463	0.357086
ENSMUSG Mdn1	2.394727	2.282291	2.304835	2.323852	2.192048	2.520938
ENSMUSG Tdpoz3	0	0	0	0	0	0
ENSMUSG Rtl10	1.22269	1.362818	1.31685	1.196296	1.990548	1.237279
ENSMUSG Gm12248	0.296452	0.141644	0.342148	0.403617	0.380447	0.392055
ENSMUSG Efhc1	2.770309	3.652801	1.823581	5.024129	4.506454	4.284262
ENSMUSG Pramel1	0	0	0	0	0	0
ENSMUSG Phlda3	31.73407	25.70448	34.45285	27.46581	24.02672	31.915178
ENSMUSG Dpysl3	8.20227	7.927783	6.9227	8.76671	8.946618	8.957429
ENSMUSG Ppp2r2b	1.503382	2.013077	0.748943	1.198574	1.515112	1.171348
ENSMUSG Spink1	0	0	0	0	0	0
ENSMUSG Jakmip2	0	0.038237	0	0	0.031851	0
ENSMUSG Zfp811	0.052166	0.185307	0.043285	0.186664	0.131888	0.156215
ENSMUSG Sertad3	7.79998	7.40522	8.270741	7.126021	6.621468	8.122766
Mus_musc Mus_musc	0.310589	0.095414	0.11913	0.192458	0.138941	0.52265
Mus_musc Mus_musc	0.164522	0.101444	0.311281	0.080832	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0.102218	0.075601	0.297055	0.107738	0.130779	0.136285
ENSMUSG H2-Q10	0.919078	1.016679	3.623296	1.923679	1.616503	1.486048
ENSMUSG Cyp2c65	0	0	0	0.044497	0	0.022068
ENSMUSG Olfr522	0	0	0	0	0	0
ENSMUSG Olfr655	0	0	0	0	0	0
ENSMUSG Fam174a	16.5454	13.37174	14.95127	12.50425	11.01865	11.92002
ENSMUSG Zfp524	8.062831	7.916182	9.796762	8.982793	8.048981	9.440004
ENSMUSG Lrrc4c	0.300097	0.392476	0.185499	0.115712	0.104734	0.179808
ENSMUSG Slc48a1	65.71357	57.00858	62.66942	53.5245	55.4777	56.513913
Mus_musc Mus_musc	0	0.094046	0.125952	0	0	0
Mus_musc Mus_musc	0.282526	0	0	0.12675	0.472951	0.349178
Mus_musc Mus_musc	0.186786	0.414898	0.10069	0.299169	0.39465	0.105145
Mus_musc Mus_musc	0.287267	0.192752	0.136793	0.228946	0.162817	0.299813
Mus_musc Mus_musc	0.098989	0.306904	0.234468	0	0	0
Mus_musc Mus_musc	1.698214	1.60941	2.233555	0.9513	1.336658	0.752177
ENSMUSG S1pr3	13.12668	13.33923	13.30156	10.09699	10.5701	10.205767
ENSMUSG Swsap1	7.774045	6.640756	5.88703	6.233433	6.182685	5.310637
ENSMUSG Tmem199	9.39529	8.124721	9.806198	8.963253	8.803716	8.533348
ENSMUSG Msrb3	33.2355	32.82513	33.1184	21.92033	24.85785	21.92383
ENSMUSG Gen1	0.275196	0.176219	0.132186	0.525388	0.518301	0.631159
ENSMUSG Rnf7	43.11605	39.79576	39.16617	38.37466	35.94571	38.605484
ENSMUSG Tgif1	8.584619	10.07669	9.892228	12.94437	12.77219	13.537193
ENSMUSG Gm15262	0	0	0	0	0	0
ENSMUSG Ctdspl	45.06033	44.21992	40.8759	23.36776	26.14784	23.592078
Mus_musc Mus_musc	0.335691	0.204523	0.045873	0.078605	0.238428	0.303784
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.110175	0	0	0	0	0
Mus_musc Mus_musc	2.005495	1.759813	2.977449	1.219243	1.157604	0.484834
Mus_musc Mus_musc	0	0.31943	0	0	0	0
Mus_musc Mus_musc	0.179799	0	0	0	0	0.271925
Mus_musc Mus_musc	1.433579	2.890266	2.354255	1.156787	1.099497	1.38727
Mus_musc Mus_musc	0.489578	0.22632	0.271549	0.24749	0	0
Mus_musc Mus_musc	0	0	0	0.438902	0	0
Mus_musc Mus_musc	6.906088	16.12126	5.34279	5.859436	3.440849	3.531224
Mus_musc Mus_musc	0	0.196564	0	0.213196	0.321883	0.311585
Mus_musc Mus_musc	0.343463	0.332824	0	0	0	0
Mus_musc Mus_musc	0	0.263069	0	0	0.304781	0.261855
ENSMUSG Cacng3	0	0	0	0	0	0
ENSMUSG Krtap7-1	0	0	0	0	0	0
ENSMUSG Olfr747	0	0	0	0	0	0
ENSMUSG Ccdc189	3.557683	3.079921	3.094082	4.463074	4.804588	4.697118

ENSMUSG Gsk3a	41.86644	36.97432	40.68684	31.52472	33.03403	34.620331
ENSMUSG Krtap19-9l	0	0	0	0	0	0
ENSMUSG Rfx8	0.139057	0.039499	0	0	0	0.056045
ENSMUSG Prl3d1	0	0	0	0	0	0
ENSMUSG Rxra	23.86324	23.14702	22.72021	21.20666	21.0114	20.230329
ENSMUSG Cdh23	0.0799	0.071272	0.079094	0.127707	0.117457	0.101273
ENSMUSG Rxrg	0.158713	0.400852	0.069896	0.351249	0.437897	0.685557
ENSMUSG E2f4	22.99866	24.1497	25.11516	23.59063	23.93172	25.355602
ENSMUSG Spdya	0.336687	0.177729	0.63858	0.307634	0.429856	0.233569
ENSMUSG Cyp2j5	0	0	0	0	0	0
ENSMUSG Spats2l	5.426081	4.493303	5.106104	3.370973	3.344333	3.422756
ENSMUSG Ly6g6c	0.182033	0.31886	0.623823	0.18089	0.359879	0.276464
ENSMUSG Ier5	20.1631	15.60662	17.449	17.05178	16.74948	18.55654
ENSMUSG Abhd18	1.927275	2.404045	2.01671	2.196144	2.05665	2.203245
Mus_musc Mus_musc	1.753966	1.445171	1.293407	1.991083	2.27868	2.361344
ENSMUSG Fbxw17	6.654692	5.265703	6.281977	5.520224	4.377829	5.56791
ENSMUSG Ctnna1	209.3445	198.8469	189.8613	129.2852	134.7484	127.69201
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG D630003M	0.264785	0.323655	0.408558	0.434239	0.445722	0.515345
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.269841	0.187569	0.330896
ENSMUSG Defb37	0	0	0	0	0	0
ENSMUSG Mast1	1.430691	1.318818	2.000326	2.041297	1.868878	1.774645
ENSMUSG Dnaic1	2.336055	2.975943	2.410588	3.987258	3.175629	3.135989
ENSMUSG Vmp1	27.67893	28.37284	26.63121	33.89376	31.398	33.107468
ENSMUSG Zswim8	22.27934	21.13584	22.58366	18.34156	18.55459	19.306458
ENSMUSG Rnasek	16.17613	20.81271	18.42234	16.48973	18.09968	21.057221
ENSMUSG Ecd	9.608567	9.403918	9.033689	9.604253	9.533023	9.61935
ENSMUSG Dnajc9	14.6808	16.11146	16.05608	16.52428	16.19622	16.348251
ENSMUSG Olfr493	0	0	0	0	0	0
ENSMUSG Anxa7	51.02392	45.04773	47.63874	40.50173	39.55535	43.449797
ENSMUSG Vmn1r120	0	0	0	0	0	0
ENSMUSG Ppp3cb	18.9704	17.88533	19.17413	18.63576	15.47729	17.675285
ENSMUSG Tmem259	44.36302	41.65249	50.65857	40.79072	38.94883	39.705813
ENSMUSG Ncs1	0.626085	0.837807	0.640817	1.002285	1.055601	1.288948
ENSMUSG Gstt2	10.99231	10.52166	8.798136	10.58621	10.23425	11.387572
ENSMUSG Fem1c	10.43203	11.21324	9.434432	10.36235	10.69187	10.67772
ENSMUSG Lmf1	8.309669	6.919934	6.434445	7.590228	7.482204	7.508327
ENSMUSG 2610528A	0	0.335428	0.319724	0.069237	0.117116	0.184186
ENSMUSG Olfr773	0	0	0	0	0	0
ENSMUSG Gm3500	0.258631	0.023679	0.080803	0.010485	0.09559	0
ENSMUSG Vmn2r53	0	0	0	0	0	0
ENSMUSG Fbxl8	3.73771	3.926163	4.976083	4.162826	3.821875	4.843966
ENSMUSG Olfr134	0	0	0	0	0	0
ENSMUSG Galnt9	0.136703	0.145991	0.566007	0.353465	0.862104	0.659962
ENSMUSG Metrnl	5.636184	4.927065	6.513772	7.623517	7.538279	7.319887
ENSMUSG Hist1h3i	0.410375	0	0.234292	0.351137	0.135818	0.691035
ENSMUSG Adgrb1	0	0	0.029621	0	0	0.022831
ENSMUSG Rpl41	356.3924	502.1298	499.0582	682.1277	637.2382	536.69613
ENSMUSG Ifnl3	0	0	0	0	0	0
ENSMUSG H3f3a	179.2761	127.4848	119.0546	123.8916	158.136	119.5687
ENSMUSG Olfr1076	0	0	0	0	0	0
ENSMUSG Nos1ap	1.372609	1.281939	0.764659	1.394607	1.39269	1.398539
ENSMUSG Calca	1.949783	2.502389	1.172954	1.253946	0.980201	1.142341
ENSMUSG Pik3c2a	10.85751	11.81689	9.163222	11.33181	10.50486	10.320086
ENSMUSG 1110004F1	44.17792	39.65922	44.78367	42.38029	35.77402	41.566508
ENSMUSG lpo5	18.46533	17.81032	17.40521	17.46257	18.61338	18.595411
ENSMUSG Hoxd8	0.196098	0.193502	0.143217	0.076818	0.141189	0.041047
ENSMUSG Calcbl	2.370951	1.762024	1.648646	1.49257	0.422818	2.684395
ENSMUSG Eea1	10.31542	10.60608	9.803297	9.990199	9.685324	9.6726
ENSMUSG Scgb1b10	0	0	0	0	0	0
ENSMUSG Hist1h3d	0.334362	0.614636	0.732012	0.587295	0.58063	0.416742
ENSMUSG Rnf39	15.83613	13.82184	14.73505	8.105662	10.20059	8.949519
ENSMUSG Chrna1	0.054575	0	0.013134	0.078517	0	0.039516

ENSMUSG Ass1	13.21194	10.26634	14.27615	14.09536	14.57444	15.540062
ENSMUSG Olfr1217	0	0	0	0	0	0
ENSMUSG Gm28510	0	0	0	0	0	0
ENSMUSG Tmem211	0	0	0	0.078579	0.067749	0.073796
ENSMUSG Gm28961	0	0	0	0	0	0
ENSMUSG Cnot4	8.313068	7.847122	6.9663	7.046282	8.079829	7.30932
ENSMUSG 1700028J1	0.269889	0.184676	0.186847	0.582939	0.302066	0.073527
ENSMUSG Smurf1	17.93382	16.24404	17.2911	15.22618	16.19025	18.565557
ENSMUSG Lrcol1	0	0	0.046779	0.319561	0.146617	0.281583
ENSMUSG Gm2042	0	0	0	0	0	0
ENSMUSG Pafah2	8.133692	8.913297	7.75279	7.880851	6.662874	7.580587
ENSMUSG Sf3b6	26.01773	27.76848	27.89243	27.94161	29.61961	25.607273
ENSMUSG Letm2	1.40605	1.011395	1.387964	1.296034	1.586059	1.182169
ENSMUSG Nov	1.990485	2.649827	1.474379	2.057988	1.616265	2.382866
ENSMUSG Ankrd31	0	0	0	0	0	0
ENSMUSG Muc16	1.392516	2.045313	0.889127	0.84103	0.538304	1.413555
ENSMUSG D730001G	0	0.047114	0	0.093315	0.066701	0.124051
ENSMUSG Fbxw27	0	0	0	0	0	0
ENSMUSG Zfp597	3.603715	4.257711	4.183156	3.269619	3.418515	3.213671
ENSMUSG Odc1	24.45808	23.06746	20.39082	27.71677	23.77863	27.777117
ENSMUSG Defb5	0	0	0	0	0	0
ENSMUSG Cercam	1.612846	2.036711	1.663609	3.136434	2.533515	3.155472
ENSMUSG Zfp955b	3.546592	3.513682	3.451254	3.118776	3.531156	2.945214
ENSMUSG Cep131	3.538268	3.083018	3.144213	3.008254	3.121114	3.389649
ENSMUSG Zfp850	0.738119	0.83851	1.007336	0.707989	0.760491	0.660879
ENSMUSG Btbd35f6	0	0	0	0	0	0
ENSMUSG Cpeb2	4.907205	5.266789	6.063483	4.566468	5.167248	4.196929
ENSMUSG Fndc9	0.096397	0.131129	0.284167	0.264064	0.279712	0.403279
ENSMUSG Tbc1d12	5.009391	6.053422	5.1137	3.515982	3.354097	3.644778
ENSMUSG Cldn34b4	0	0	0	0	0	0
ENSMUSG Mtmr7	0.691758	1.195255	0.968916	1.127302	1.275328	1.432659
ENSMUSG Krtap27-1	0	0	0	0	0	0
ENSMUSG Zfp454	0.935699	0.825698	0.807881	0.54205	0.657332	0.475958
ENSMUSG Ttc36	4.631756	4.771945	2.902354	4.65398	3.522557	6.178121
ENSMUSG Mtcp1	3.449745	3.164676	4.381673	3.383344	2.433087	2.496121
ENSMUSG Brcc3	5.477396	6.618832	6.133771	5.76889	6.010893	5.730225
ENSMUSG Rab39b	0.324369	0.21234	0.300419	0.817738	1.060375	0.697265
ENSMUSG Asb12	0	0	0	0	0	0
ENSMUSG Msn	345.2469	309.1602	331.7529	226.1877	230.9412	232.6471
ENSMUSG Heph	3.865643	3.95298	3.275493	3.118276	2.474798	2.681895
ENSMUSG Cdca3	0.56467	0.672238	0.499665	1.987876	2.082476	2.84927
ENSMUSG Dpep2nb	0.031179	0	0	0.14126	0	0
ENSMUSG Mzt2	9.150923	8.621329	9.899741	7.725395	10.18072	10.397724
ENSMUSG Mcm4	10.04926	10.19181	9.436112	8.442086	9.769513	9.205822
ENSMUSG Prkdc	2.330299	2.516503	1.845735	2.335403	2.446375	2.562602
ENSMUSG Ube2v2	6.010918	4.825711	7.381996	2.141064	6.433597	6.284995
ENSMUSG Fopnl	14.87162	16.62806	13.2183	14.19027	11.74633	13.494062
ENSMUSG Snai2	3.371354	3.20354	3.600238	2.186266	2.569445	1.970273
ENSMUSG Mpv17l	6.303767	5.705796	4.595629	4.192884	3.70781	3.995814
ENSMUSG Nde1	23.4758	21.2902	26.99527	18.08978	18.6844	20.521356
Mus_musc Mus_musc	0	0	0	0.123806	0	0
Mus_musc Mus_musc	0.501199	0.519208	1.196044	1.352696	0.848823	0.732578
Mus_musc Mus_musc	0	0.206096	0.032178	0.140913	0	0.101073
Mus_musc Mus_musc	0	0.098909	0.15941	0.036677	0	0
Mus_musc Mus_musc	4.856229	5.067815	6.702154	4.956757	4.151668	5.095148
ENSMUSG Rpa3	10.46241	11.22888	13.87004	13.01797	11.8264	10.454082
Mus_musc Mus_musc	0	0	0.290827	0	0	0.239364
ENSMUSG Sntg1	0	0	0	0.010682	0.028919	0
ENSMUSG Gm5152	0	0	0	2.874434	1.947015	2.110654
ENSMUSG Sox17	50.99708	45.99091	50.9294	22.87718	23.9178	26.818451
ENSMUSG Lypla1	27.7668	31.84515	26.5342	28.54071	28.83901	28.394843
ENSMUSG Rp1	1.8201	2.617825	1.285396	3.108944	3.507911	2.797042
ENSMUSG Rb1cc1	12.87364	12.70967	11.12112	11.35473	10.83418	10.097256
ENSMUSG Oprk1	0	0	0.010082	0	0	0

ENSMUSG Ddx54	17.09748	15.51908	17.23896	16.69914	16.91736	16.487535
ENSMUSG Plbd2	16.71453	13.57759	16.00452	14.22771	16.7545	16.238241
ENSMUSG Ung	0.46107	0.784473	0.389784	1.799895	1.759387	1.967965
ENSMUSG Usp30	6.032133	6.08865	5.723398	5.247151	5.156983	5.357631
ENSMUSG Lhx5	0	0	0	0	0	0
ENSMUSG Rbm19	3.750336	3.684086	4.071161	3.558912	3.960788	4.436385
ENSMUSG Sds	0	0.109666	0.04686	0.089357	0.215862	0.131562
ENSMUSG Sdsl	0.177076	0.354542	0.256037	0.21344	0.3061	0.467703
ENSMUSG Trim17	0.32446	0.435246	0.370609	0.282184	0.279201	0.252561
ENSMUSG Asb4	0.107799	0.066072	0.092507	0.255395	0.329126	0.237243
ENSMUSG Kcna4	0.070394	0.092193	0.073293	0.010132	0.022129	0.020909
ENSMUSG Atxn2	13.90253	14.01609	13.70196	13.1773	12.52901	12.187281
ENSMUSG Clca2	0.081892	0.023228	0.023904	0.085306	0.061544	0
ENSMUSG Wnt8b	0	0	0	0.011546	0	0
ENSMUSG Cfap221	0.37508	1.027381	0.398715	0.911547	0.647928	0.648735
ENSMUSG Cnpy4	10.11437	11.43371	11.32878	9.204233	8.559689	8.926278
ENSMUSG Stk40	20.95209	23.58073	23.87042	17.02287	16.83857	18.283913
ENSMUSG Wnt6	0	0.088815	0	0.075623	0.153136	0.12789
Mus_musc Mus_musc	0.251003	0.216369	0.348241	0.334839	0.308352	0.196206
ENSMUSG Glp2r	0	0.00836	0	0	0.042832	0.07853
ENSMUSG Lpar4	0.383117	0.489872	0.382956	0.397962	0.187441	0.274019
ENSMUSG Slc35c1	9.907179	10.24996	10.78842	13.07821	12.18399	13.95381
ENSMUSG Olfr921	0	0.016292	0	0.044204	0	0
ENSMUSG Gstm7	1.429958	2.368842	1.342887	1.463809	1.588259	1.473062
ENSMUSG Crtam	0.111418	0.060855	0.130134	0.262316	0.105962	0.198823
ENSMUSG Sstr1	0.337038	0.251691	0.04085	0.281415	0.181409	0.34807
ENSMUSG Rabgap1	16.16048	16.309	13.55509	12.9019	13.50648	12.051251
ENSMUSG Abca17	2.415093	2.734418	2.336873	2.231108	1.936388	2.059075
ENSMUSG Mif4gd	27.89233	27.72739	27.74097	31.9231	28.70697	31.407338
ENSMUSG Haus8	4.300558	5.180403	4.808432	5.914646	7.741121	7.215004
ENSMUSG Gga3	7.547896	7.273831	8.39458	8.011205	6.846343	7.542208
ENSMUSG Tmem94	15.49639	16.72269	15.35222	14.07414	13.91634	15.756329
ENSMUSG Pafah1b1	43.807	43.09846	41.63544	34.69843	33.74491	35.255088
ENSMUSG Slc25a19	6.421517	7.24024	7.730033	10.28459	9.549672	9.841199
ENSMUSG Olfr1	0	0	0	0	0	0
ENSMUSG Ppargc1b	0.76056	1.056656	0.65301	1.219186	1.419597	1.711683
ENSMUSG Olfr377-ps	0	0	0	0	0	0
ENSMUSG Pnir	22.79441	22.21363	25.84254	22.42643	17.72501	17.554512
ENSMUSG Sdcbp	135.6206	129.8351	147.3102	141.7379	143.9835	134.37407
ENSMUSG Faxc	0.372341	0.295461	0.198775	0.722826	0.42903	0.507757
ENSMUSG Coq3	1.533829	2.11161	1.917276	1.957829	1.862029	1.757794
ENSMUSG Nsmaf	14.63402	14.48211	13.07343	14.34558	13.16127	14.134261
ENSMUSG Ubxn2b	3.298845	4.086311	3.239444	3.003626	2.916077	3.495823
ENSMUSG Cyp7a1	0	0	0	0	0	0
ENSMUSG Nelfb	27.17282	28.00741	29.43999	23.6196	22.78986	23.780237
ENSMUSG Znrf4	0	0	0	0	0	0
ENSMUSG Tram111	0.024562	0.090427	0.070676	0.100812	0.039556	0.032868
ENSMUSG Olfr1111	0	0	0	0	0	0
ENSMUSG Gzf1	9.834966	10.02125	8.974689	8.809255	9.006653	9.642923
ENSMUSG Tlr6	1.567846	1.650285	2.333636	2.438091	2.190543	2.640669
ENSMUSG Dtd1	8.83302	10.2802	10.05414	7.251897	7.493139	7.06252
ENSMUSG Olfr1136	0	0	0	0	0	0
ENSMUSG Olfr1135	0	0	0	0	0	0
ENSMUSG Nkx2-2	0	0	0	0	0	0
ENSMUSG Olfr1133	0	0	0	0	0	0
ENSMUSG Olfr1128	0	0	0	0	0	0
ENSMUSG Gdf9	0.148971	0.442845	0.433694	0.276094	0.360057	0.20771
ENSMUSG Zcchc10	5.643431	6.578976	6.058279	5.071368	7.10088	5.19879
ENSMUSG Haus1	4.911665	4.665499	4.076426	4.345377	4.533178	4.738515
ENSMUSG Zfp879	0.467281	0.597383	0.304478	0.423538	0.163646	0.418518
ENSMUSG Krt84	0	0	0	0	0	0
ENSMUSG Olfr794	0	0	0	0	0	0
ENSMUSG Olfr978	0	0	0	0	0	0
ENSMUSG Pik3ip1	11.33597	10.99477	12.00582	8.528497	8.22005	7.829105

ENSMUSG Eif1b	25.31394	31.15127	30.8697	28.71306	24.45029	25.400331
ENSMUSG Kik4	0.045164	0	0.040577	0.106305	0.289231	0.278418
ENSMUSG Mtrr	4.08538	4.134529	3.762123	3.18214	3.841807	3.268333
ENSMUSG Cwf19l2	5.360841	4.502405	4.929375	5.113417	4.227515	3.970113
ENSMUSG Fam241a	3.964988	3.545839	3.914964	3.31176	3.028026	2.666214
ENSMUSG Chst11	7.597022	7.304326	6.933015	6.335895	7.043912	6.543694
ENSMUSG Cela2a	0	0	0	0	0	0
ENSMUSG Ppm1h	3.66354	3.839456	3.305943	4.223376	4.69104	4.654355
ENSMUSG Gpc6	1.619959	1.253666	0.365064	1.332164	0.904273	1.172558
ENSMUSG Gdpd2	0.526532	0.737716	0.205296	0.139771	0.258556	0.25631
ENSMUSG Glrx	20.35848	21.30813	22.47706	35.88939	38.15391	39.934253
ENSMUSG Spata9	0.595225	0.43665	0.432489	0.493402	0.648744	0.392768
ENSMUSG Arsk	4.29452	3.92665	3.574325	3.346229	3.465844	3.321452
ENSMUSG Nsun2	16.76212	14.63037	15.20155	16.67234	16.65277	17.488448
ENSMUSG Srd5a1	0.516517	0.657565	0.59182	0.598197	0.68082	0.71515
ENSMUSG Sif1	2.837698	3.645793	2.59463	3.308543	3.366771	2.940144
ENSMUSG Mctp1	5.78715	7.045776	5.509389	5.788315	5.542647	6.302477
ENSMUSG Gm13304	1.482526	1.552068	1.088429	2.338156	1.624888	1.684654
ENSMUSG ltpka	2.798424	2.679192	2.350935	3.029872	3.335252	2.571212
ENSMUSG Ltk	1.308227	1.176005	1.361384	1.684485	1.485932	1.921013
ENSMUSG Vps39	13.94764	13.3446	11.93469	11.53144	11.94824	11.877441
ENSMUSG Ehd4	240.6186	203.1511	218.2025	130.1568	130.5719	122.37272
ENSMUSG Tyro3	4.628783	4.699612	3.289596	3.87621	3.670618	3.83402
ENSMUSG Hmox1	29.80987	23.48314	21.02033	30.30659	46.72027	52.11338
ENSMUSG Mcm5	3.866426	3.497826	4.256838	5.517313	7.642994	8.332754
ENSMUSG Mprp	87.05606	89.29456	89.15991	78.3868	66.96903	75.804674
ENSMUSG Nek6	3.802627	3.63043	3.544189	6.221919	7.76964	8.424836
ENSMUSG Plxdc2	24.03265	20.64733	22.9397	17.0459	16.47852	18.126008
ENSMUSG Dnajc1	11.56945	11.34619	10.99583	9.968402	10.74927	11.391195
ENSMUSG Mlft10	12.56994	13.30947	14.70118	14.20562	12.06961	11.398898
ENSMUSG Agxt	0	0	0	0	0	0
ENSMUSG Sh3kbp1	5.210936	5.06529	6.409695	9.205109	9.981573	10.939148
ENSMUSG Nt5m	5.118458	4.569078	5.409061	5.411558	5.887099	5.042705
ENSMUSG Abhd4	29.24227	28.00215	26.71126	25.92837	24.05091	25.808136
ENSMUSG Npnt	129.1654	118.8378	133.5512	108.2679	99.31785	97.293674
ENSMUSG Sipa1l3	21.76276	26.08657	18.93321	21.04048	21.75302	20.913607
Mus_musc Mus_musc	0.069038	0	0.185422	0.329409	0	0.109962
Mus_musc Mus_musc	0.296904	0.140735	0	0.068734	0	0.078872
Mus_musc Mus_musc	0.387721	0.317734	0.278918	0.464237	0.334748	0.384121
Mus_musc Mus_musc	0	0	0.19037	0	0	0
ENSMUSG Calr	217.1947	232.2423	280.0058	347.549	358.806	360.33789
ENSMUSG Mast2	9.220353	9.762146	10.19701	8.890064	9.513947	9.658954
ENSMUSG Dnase2a	15.80124	14.66806	15.27718	21.61145	22.40693	22.449272
ENSMUSG Rad23a	27.52566	25.17035	27.62862	22.50899	23.74724	22.738123
ENSMUSG Olfr441	0	0	0	0	0	0
ENSMUSG Ppp1cc	63.92064	59.74935	62.75877	57.70034	56.5309	60.757345
ENSMUSG Ralb	30.09301	29.09157	30.12792	29.8817	29.17299	32.819267
ENSMUSG Defa36	0	0	0	0	0	0
ENSMUSG Gm21394	0	0	0	0	0	0
ENSMUSG Helt	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.199156	0.203614	0.159866	0.097765
Mus_musc Mus_musc	1.155379	0.940016	1.438682	1.246664	0.946233	0.791038
Mus_musc Mus_musc	0.170668	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Smarcad1	7.243042	7.754581	7.13719	6.333829	7.429265	7.17062
ENSMUSG Mkrn1	37.53228	34.09606	40.82937	32.06314	31.38466	28.9004
ENSMUSG Rab19	3.8128	4.721374	4.934598	5.522996	5.273614	5.618558
ENSMUSG Slc37a3	11.30223	13.07464	11.95594	9.519409	10.48223	10.238878
ENSMUSG Tbxas1	6.988142	5.998001	6.531693	17.94237	18.17766	20.761591
ENSMUSG Olfr781	0	0	0	0	0	0
ENSMUSG Pou3f2	0	0	0	0	0	0
ENSMUSG Gm21858	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.109293	0.317748	0.533919	0.347643	0
Mus_musc Mus_musc	0.332425	0.067056	0	0.230359	0	0.251086

Mus_musc	Mus_musc	0.298152	0.513623	0.376715	0.468442	0.361746	0.285737
Mus_musc	Mus_musc	10.57303	11.34725	5.2493	4.301976	4.353407	5.144509
Mus_musc	Mus_musc	0.001192	0.000167	0.000505	0	0.002031	0.004133
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0.469121	0.414005	0.378441	0.272196	0.287271	0.355765
Mus_musc	Mus_musc	0.969823	1.078057	1.67088	1.012482	1.127747	1.516313
Mus_musc	Mus_musc	0	0.499386	0	0	0	0
Mus_musc	Mus_musc	0	0	0	0	0	0.184186
ENSMUSG	Hoxa6	1.799207	1.309157	1.280165	0.90874	0.404785	1.613842
ENSMUSG	Zfp707	5.760919	5.569755	5.367952	4.94153	4.857717	4.700972
ENSMUSG	Parp14	14.6481	14.66575	25.6745	19.06437	15.688	16.449345
ENSMUSG	Myo15b	0.238421	0.231875	0.090289	0.139383	0.197847	0.220609
ENSMUSG	Gcsh	10.10394	10.23045	10.59521	10.58337	11.95588	10.816825
ENSMUSG	Klhl40	0	0.047269	0	0.090312	0	0.017952
ENSMUSG	Gucy2d	0	0	0	0	0	0
ENSMUSG	B3gnt6	0.449499	0.39277	0.536948	0.45915	0.391652	0.425314
ENSMUSG	Omp	0.105066	0	0.128278	0.191548	0.189218	0.220439
ENSMUSG	Tnni3k	0	0.26219	0.114758	0	0	0.053605
Mus_musc	Mus_musc	1.441995	1.895985	2.557325	2.140644	1.690327	1.630449
Mus_musc	Mus_musc	0.420693	0.321828	0.166635	0	0.074822	0
Mus_musc	Mus_musc	0.330316	0.213107	0.338175	0.409047	0.390417	0.200331
Mus_musc	Mus_musc	1.701739	1.38029	1.686541	0.88349	2.123007	1.382849
Mus_musc	Mus_musc	23.30577	20.13908	21.9002	17.40787	18.14801	18.813962
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0.174832	0.285002	0.215593	0.211863	0.11064	0.111699
Mus_musc	Mus_musc	0	0	0	0	0.331898	0
Mus_musc	Mus_musc	0	0	0	0.168425	0.09672	0.083833
Mus_musc	Mus_musc	0	0	0	0.111549	0.337083	0.337675
ENSMUSG	Rhox10	0	0	0	0	0	0
ENSMUSG	Mat2a	58.10833	66.20537	69.55948	44.52931	42.2979	48.373894
ENSMUSG	Mc5r	0.168452	0.302775	0.25733	0.347882	0.152631	0.171981
ENSMUSG	Abhd3	2.338224	2.848591	2.109033	3.267016	2.679191	3.365671
Mus_musc	Mus_musc	0	0	0	0	0	0
ENSMUSG	Snrpd1	17.88289	16.07069	17.94913	16.86732	17.76774	18.632784
Mus_musc	Mus_musc	0	0.296749	0.203266	0	0	0.103506
ENSMUSG	Slc12a7	14.70872	13.34126	16.18713	13.64577	13.80418	15.173294
ENSMUSG	Pltp	308.964	256.1774	278.6218	204.7673	210.979	207.0121
Mus_musc	Mus_musc	0.474103	0.540983	1.043854	0.598561	0.223377	0.248329
Mus_musc	Mus_musc	0.393802	0.636085	0.450105	0.496473	0.355958	0.191868
Mus_musc	Mus_musc	0	0	0.168936	0	0	0
Mus_musc	Mus_musc	0.479076	0.880011	0.451366	0.562875	0.505842	0.519039
Mus_musc	Mus_musc	0.520116	0.108643	0.110071	0.249188	0	0
ENSMUSG	Evi2b	1.416983	1.557549	1.05031	13.02219	9.287542	1.626599
ENSMUSG	Coa4	5.883856	6.13919	5.849715	6.324255	5.072655	6.267759
ENSMUSG	Vmn1r58	0	0	0	0	0	0
Mus_musc	Mus_musc	0.319003	0.278321	0.894227	0.235422	0.06566	0
Mus_musc	Mus_musc	0	0.154309	0	0	0.122068	0
ENSMUSG	Gzmf	0	0	0	0	0	0
Mus_musc	Mus_musc	4.856232	4.935794	4.789225	3.074159	2.337978	2.1473
ENSMUSG	Gzmn	0	0	0	0	0	0
ENSMUSG	Bsph2	0	0	0	0	0	0
ENSMUSG	Gm28897	0	0	0	0	0	0
ENSMUSG	Olf1r630	0	0	0	0	0	0
ENSMUSG	Fzd2	7.368238	6.285206	6.329272	5.245473	5.660249	5.082897
Mus_musc	Mus_musc	0	0.462928	0.123794	0.375989	0	0.199283
ENSMUSG	Gm5136	0	0	0	0	0	0
ENSMUSG	Plcg1	33.63615	30.76407	33.17296	23.95502	23.79897	23.519514
ENSMUSG	Lrnf5	0	0	0	0.023676	0	0
ENSMUSG	Prdx3	24.19683	23.51544	24.49043	26.50144	26.98241	26.634293
ENSMUSG	Flg2	0	0	0	0	0	0
ENSMUSG	Olf1r664	0	0	0	0	0	0
ENSMUSG	Nrap	0.279808	0.73386	0.170809	0.315671	0.315825	0.340649
ENSMUSG	Vmn1r63	0	0	0	0	0	0

ENSMUSG Rnf166	16.3393	15.57559	15.46847	15.2737	17.37213	15.959795
ENSMUSG Eif3a	54.558	55.19928	54.52447	55.92378	53.98967	56.307674
ENSMUSG Zfp110	13.00777	11.96591	11.74027	12.01043	11.7491	12.007211
ENSMUSG Gm17555	0	0	0	0	0	0
ENSMUSG Ppp1r3g	0	0.04586	0	0.021634	0.023444	0
ENSMUSG Mrgprb2	0	0.051486	0	0	0	0.026604
ENSMUSG Teddm3	0	0	0	0	0	0.006637
ENSMUSG Fbxo46	4.152728	3.699433	3.886224	3.491884	3.498937	4.03333
Mus_musc Mus_musc	0.59455	0.802517	1.04554	0.562285	0.189103	0.050803
Mus_musc Mus_musc	1.203005	0.647423	0.616838	0.699116	0.457133	0.357137
Mus_musc Mus_musc	0	0.376945	0	0.34221	0.583301	0.636997
Mus_musc Mus_musc	0.477341	0.134905	1.129935	0.868291	0.770311	0.635101
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Gm45194	0	0	0.011125	0.026745	0	0
Mus_musc Mus_musc	0.195056	0.214171	0	0	0.254824	0.147137
Mus_musc Mus_musc	0	0	0	0.167393	0	0
Mus_musc Mus_musc	0	0	0	0.280671	0	0
Mus_musc Mus_musc	0	0	0	0	0.325626	0
Mus_musc Mus_musc	0.470348	0.315544	0.252165	0.095531	0.033166	0.450426
Mus_musc Mus_musc	0	0.087457	0	0	0	0
Mus_musc Mus_musc	0.724235	0.401083	0.189016	0.323588	0.424734	0.452505
Mus_musc Mus_musc	0.576029	0.532044	0.089223	0.177976	0.141081	0.195437
ENSMUSG Snrnp25	5.905445	5.625992	7.383292	8.920923	8.729973	8.951026
ENSMUSG Spen	10.24531	11.41162	9.121819	9.410036	9.966036	10.02854
ENSMUSG Appl1	8.51899	8.831005	7.969095	7.134977	6.984436	6.911829
ENSMUSG Trim34a	3.724739	3.354526	4.027973	3.413174	1.893265	2.618086
ENSMUSG Olfr1246	0	0	0	0	0	0
ENSMUSG Rdh9	0	0	0	0	0	0
ENSMUSG Olfr1089	0	0	0	0	0	0
ENSMUSG Olfr1446	0	0	0	0	0	0
ENSMUSG Cfap299	2.399301	2.128966	1.616388	4.325541	3.174473	3.465525
ENSMUSG Scgb2b20	0	0	0	0	0	0
ENSMUSG Btdb35f28	0	0	0	0	0	0
ENSMUSG Btdb35f1	0	0	0	0	0	0
ENSMUSG Tpt1	827.8195	911.7027	898.6582	997.9789	930.9002	951.07725
ENSMUSG Gemin2	3.458926	3.783395	3.598617	3.123195	3.189465	3.867215
ENSMUSG Fbxw21	0	0	0	0	0	0
ENSMUSG Cldn2	0.083391	0.164955	0.156283	0.662165	0.50402	0.532409
ENSMUSG Mageh1	11.41924	11.91027	12.69717	9.124124	10.08536	8.00753
ENSMUSG 4930444P	0.237128	0.413885	0.020888	0.887324	0.443199	0.562175
ENSMUSG Gm6899	1.539983	1.167993	1.267213	1.481479	1.24875	2.147593
ENSMUSG Gm49369	0	0	0	0	0	0
ENSMUSG Tas2r114	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.233497	0
ENSMUSG Mthfs	6.345375	4.755402	6.074382	9.265797	7.018423	8.073948
ENSMUSG Zfyve26	4.890847	4.403057	4.444246	4.300376	5.470395	4.81966
ENSMUSG Rdh11	7.170028	7.227558	7.482316	7.307878	6.948973	8.230917
ENSMUSG Dcn	53.66143	75.01187	33.54329	55.32456	48.06032	47.311031
ENSMUSG Gm20489	0	0	0.033835	0.074779	0	0
ENSMUSG Zwint	27.58934	27.52139	28.77322	26.52566	25.72825	25.623314
ENSMUSG Lims1	42.51881	43.07824	41.72371	36.15043	35.81394	36.364735
ENSMUSG Gm38392	1.134448	1.810016	0.854727	1.29792	1.165329	1.367782
ENSMUSG Chchd1	23.9174	28.13925	26.855	26.91905	26.06207	26.766665
ENSMUSG Utp14a	6.93125	7.278541	7.312469	6.905221	6.94418	7.424756
ENSMUSG Olfr282	0	0	0	0	0	0
ENSMUSG Ghrl	1.181452	1.584578	1.045352	0.651181	1.26045	0.921084
ENSMUSG Tnnt1	0.851577	0.784033	0.488064	0.391906	0.571183	0.285671
ENSMUSG Sprr1a	0.049691	0.391325	0	0.179198	0.136197	0.531535
ENSMUSG Msra	9.61806	9.671042	8.900937	7.607141	7.875891	7.450136
ENSMUSG Zfp182	2.566281	2.428109	2.274842	2.539453	2.404505	2.374007
ENSMUSG Asprv1	0.897738	0.907003	2.442967	0.777299	0.437828	0.694836
ENSMUSG Crygs	0	0	0.057921	0	0	0.043994
ENSMUSG Tubb4b	169.3393	151.7	155.5013	153.1342	155.235	173.84355
ENSMUSG Cox6b1	72.50231	81.39989	83.62532	93.44978	82.31984	90.527229

ENSMUSG Cdc14a	8.723227	9.102632	6.359269	8.287669	7.643179	7.049488
ENSMUSG Calm5	0	0	0	0	0	0.04159
ENSMUSG Vmn1r216	0	0	0	0	0	0
ENSMUSG Kcnc3	7.460121	7.007889	7.49325	6.800356	4.196322	7.030606
ENSMUSG Olfr527	0	0.020195	0	0	0	0.028249
ENSMUSG Gspt2	1.588762	1.1352	1.537224	1.121725	1.104897	1.281408
ENSMUSG Spin4	1.422514	1.194427	1.223805	0.787514	0.984105	0.97703
ENSMUSG Olfr516	0	0	0	0	0	0
ENSMUSG Krtap6-2	0	0	0	0	0	0
ENSMUSG Cyp26c1	0	0	0	0	0	0
ENSMUSG Gm13277	0	0	0	0	0	0
ENSMUSG Gm28557	1.389437	1.23661	1.212945	1.121737	0.774767	0.753902
ENSMUSG Adam1b	0.359426	0.502215	0.44436	0.335673	0.326535	0.220016
ENSMUSG Srd5a3	15.36199	12.11959	13.41481	14.48138	15.57158	15.574864
ENSMUSG Mcpt2	0	0	0	2.700284	4.19926	1.949147
ENSMUSG Pdcl2	0	0	0.030182	0	0	0
ENSMUSG Gm20538	0	0	0	0	0	0.004127
ENSMUSG Gm29423	0	0	0	0	0	0
ENSMUSG Gm3739	0	0	0	0.02596	0	0
ENSMUSG 2610021A	3.196334	3.686963	2.74342	3.359503	3.14376	2.276556
ENSMUSG Gm5799	0	0	0	0	0.025432	0.050466
ENSMUSG Catspere2	1.606454	1.206632	1.214673	0.876592	0.739289	0.743893
ENSMUSG Krtap19-3	0	0	0	0	0	0
ENSMUSG Dppa5a	0	0	0	0	0	0
ENSMUSG Gm3839	0	0.047771	0.027235	0.086906	0.019629	0
ENSMUSG Pla2g15	17.46372	18.59149	20.83116	21.45462	24.19302	26.508528
ENSMUSG Nfatc3	15.04805	15.02537	13.55227	13.22129	15.02647	14.3265
ENSMUSG Dus2	2.944776	2.689353	3.282378	3.105509	3.164701	2.734286
ENSMUSG Zfp90	2.008032	2.591099	1.965762	2.744557	2.892458	2.38051
ENSMUSG Polr3k	7.155879	8.88121	8.664969	10.16079	9.480399	9.754685
ENSMUSG Slc7a6	5.467502	5.58679	5.250232	6.16983	5.862493	5.806233
ENSMUSG Zg16	0	0.235901	0	0.379927	0.238649	0.228495
ENSMUSG Rd3	1.05033	1.020579	0.74556	0.867371	1.055684	0.941401
ENSMUSG Dcaf7	24.26446	24.14701	22.70055	21.27348	20.93347	21.515581
ENSMUSG 4933408B	0.361893	0.207945	0.216928	0.177184	0.228109	0.178806
ENSMUSG Med30	11.64525	7.713624	9.132954	9.642516	9.779008	9.860457
ENSMUSG Urgcp	11.21488	10.24188	10.77246	8.756487	8.753687	8.787367
ENSMUSG Pheta2	0.604575	0.636296	0.879145	0.814946	0.73616	0.832361
ENSMUSG Orai1	18.72021	14.26295	16.52862	12.93297	14.07342	14.027881
ENSMUSG Cyp2g1	0	0.117522	0.055956	0	0	0
Mus_musc Mus_musc	0.204677	0.277251	0	0.170593	0.12793	0
Mus_musc Mus_musc	0.329055	0.220148	0	0.096289	0.172068	0
Mus_musc Mus_musc	0.162299	0.221082	0.327927	0.271268	0.096344	0
ENSMUSG Klrb1a	0.847095	0.646565	2.425463	2.616799	2.429432	2.781025
ENSMUSG Clec2h	0	0	0	0.024169	0.056353	0
ENSMUSG Clec2i	1.584214	0.603367	1.349664	1.696407	0.993233	2.29782
ENSMUSG Ceacam12	0	0	0	0	0	0
ENSMUSG Ceacam11	0	0	0	0	0	0
ENSMUSG Rsph3a	11.81963	13.39647	10.3995	15.10111	15.56691	13.34709
Mus_musc Mus_musc	0.19927	0.708282	0.183195	0.461536	0.245427	0.345536
ENSMUSG Nmi	15.93113	16.7804	21.51456	20.23577	16.26775	17.087242
ENSMUSG Abca2	10.56312	9.63071	9.576246	9.299943	9.810888	10.416609
ENSMUSG Lcn12	0	0	0	0	0	0
ENSMUSG Traf2	10.49496	10.17884	10.1932	11.17915	11.60796	11.599879
ENSMUSG Mamdc4	0.238974	0.411182	0.49199	0.294846	0.257345	0.241104
ENSMUSG Ccdc183	0.085429	0.077828	0.089529	0.137877	0.014445	0.117219
ENSMUSG Klf19	18.54074	20.2943	16.84379	16.92873	17.18197	18.99464
ENSMUSG Zfp513	10.00882	9.043366	10.98497	9.357248	9.019938	9.589525
ENSMUSG Gm4737	7.0233	9.770364	7.655802	8.744207	11.53947	11.7547
ENSMUSG Tnp2	0	0	0	0	0	0
ENSMUSG Disc1	0.716975	0.567572	0.527549	0.614647	0.489326	0.529123
ENSMUSG Olfr731	0	0	0	0	0	0
ENSMUSG Acod1	0.072618	0.049299	0.661382	0.445224	1.114745	0.574678
ENSMUSG Nphp4	0.545654	0.546912	0.368353	0.610649	0.8411	0.961821

ENSMUSG Ccser1	4.346806	4.284695	3.686865	2.45048	3.628873	3.342256
ENSMUSG Grin3a	0.055649	0.058399	0.048306	0.065021	0.105521	0.062932
ENSMUSG Usp9x	21.64425	23.83477	17.16721	20.53113	21.06928	20.442663
ENSMUSG Selenbp2	63.38729	74.69773	63.01464	31.59004	39.41186	32.809163
ENSMUSG Cask	5.949478	6.475622	5.541101	5.583962	5.494737	5.586893
ENSMUSG Swap70	27.31831	26.57316	23.57834	23.39278	21.98203	22.761753
ENSMUSG Wee1	9.817149	10.33774	7.665151	6.16742	6.788961	6.694596
ENSMUSG Gm5773	0	0	0	0	0	0
ENSMUSG Rcc1	4.258036	3.910928	4.221075	4.958915	4.306404	5.46586
ENSMUSG Inpp5b	30.42242	30.53957	28.65411	26.24091	25.91776	24.682394
ENSMUSG Sesn2	7.411388	7.597456	7.050423	5.464833	6.910161	6.254329
ENSMUSG Mtf1	4.676344	5.104763	4.707919	3.777638	4.357598	4.206139
ENSMUSG Gpatch8	8.768798	9.625356	8.854445	7.964841	7.64008	7.850843
ENSMUSG Rxy1t1	5.737528	5.758798	5.55092	5.45466	5.199516	8.982659
ENSMUSG Prss55	0	0	0	0	0	0
ENSMUSG Taf12	5.679469	6.26996	6.715847	5.74271	6.431102	6.210578
ENSMUSG Trnau1ap	17.11644	15.09057	15.04038	14.90783	14.02007	16.88795
ENSMUSG Gm10491	0	0	0	0	0	0
ENSMUSG Gm10490	0	0	0	0.097642	0	0
ENSMUSG Nudt10	0.261443	0.608978	0.451369	0.428227	0.51017	0.659854
ENSMUSG Cdhr2	0	0	0	0.01003	0	0.013382
ENSMUSG Nudt11	0.442951	0.512789	0.431438	0.916451	0.829508	0.884955
ENSMUSG AU022751	0	0	0	0	0	0
ENSMUSG Kntc1	0.136439	0.182075	0.227885	0.480201	0.617183	0.667831
ENSMUSG Sdad1	4.075525	3.869725	4.302824	4.503257	4.431502	4.831507
ENSMUSG Slc15a4	12.51899	13.38281	13.36082	12.60248	12.41298	14.512687
ENSMUSG Cxcl9	0.314167	0.359628	1.360615	4.054715	2.637936	3.641647
ENSMUSG Ppef2	0.026656	0.372262	0.32684	0.537104	0.189992	0.381236
ENSMUSG 1700025G1	2.022798	2.447962	2.249286	1.989899	1.993755	1.811515
ENSMUSG Naaa	26.95229	28.41084	30.72468	43.25629	40.46872	41.987949
ENSMUSG Ajm1	0.036904	0.031653	0.016229	0.288865	0.384527	0.257623
ENSMUSG Itgb3bp	1.119142	1.076755	0.758346	0.787414	0.890182	1.04463
ENSMUSG Myo3a	0	0	0	0	0	0
ENSMUSG Vat1	96.9296	77.79343	93.12348	81.40307	94.93455	104.80645
ENSMUSG Slc30a5	18.53902	17.50341	18.57581	19.57923	21.10568	21.344402
ENSMUSG Otoa	0	0.011779	0	0	0.036962	0
ENSMUSG Htr2a	0.195699	0.155135	0.157184	0.250781	0.339849	0.349119
ENSMUSG Eef2	665.574	668.6395	654.7125	706.9168	703.6886	751.73352
ENSMUSG Ckmt2	0.423893	7.574602	0.617367	2.584011	1.83363	0.765129
ENSMUSG Zcchc9	10.64359	10.25203	11.11278	11.32301	9.937679	11.790715
ENSMUSG Foxn2	11.97515	11.07938	10.07509	9.151444	10.04125	9.10159
ENSMUSG Cd180	2.038669	1.515049	3.060497	4.130547	2.995994	4.253009
ENSMUSG Cdhr4	3.221132	5.086591	2.366274	10.78965	10.22363	9.576342
ENSMUSG Ip6k1	37.48899	39.56203	38.19968	32.57344	31.70091	31.693976
ENSMUSG Uba7	13.97684	11.89995	25.41965	16.01928	10.70968	13.014329
ENSMUSG Mst1	0.307043	0.574832	0.307195	0.812055	0.707322	0.705083
ENSMUSG 7420426K1	0	0	0	0	0	0
ENSMUSG Amigo3	1.108298	0.941511	1.479769	1.217018	0.917898	1.462843
ENSMUSG Ntf5	2.310072	2.292427	3.099009	2.838085	2.665548	2.707531
ENSMUSG Ip6k2	26.47305	33.91428	28.94769	23.43866	23.9524	21.128856
ENSMUSG Nckipsd	7.293495	5.659659	5.892458	4.796306	5.198864	5.961874
ENSMUSG Rpl13a	511.4794	536.0042	542.9403	652.0567	563.7656	604.62884
ENSMUSG Lrfn4	2.721565	3.189098	3.33431	3.401262	3.008395	3.66121
ENSMUSG Wdr41	7.619342	8.581381	7.925038	9.613164	9.751984	8.943195
ENSMUSG Acacb	9.153709	10.42373	7.475479	7.230241	6.13369	6.906152
ENSMUSG Ttc32	5.097778	5.577134	5.710355	7.066176	5.589447	4.443823
ENSMUSG Ltb	18.91903	11.47875	25.16591	36.77047	28.48848	37.315269
ENSMUSG Apom	0.183577	0.16911	0.258991	0.086304	0	0.328735
ENSMUSG Bag6	53.46821	48.24596	50.04394	43.82486	42.20648	45.350596
ENSMUSG Prrc2a	57.34427	56.79729	56.08367	50.38797	52.41059	52.970132
ENSMUSG Lims2	75.74435	67.25195	70.68167	32.84369	31.67448	28.093862
ENSMUSG Aif1	1.371821	1.638771	4.540559	6.418528	5.199781	5.334246
ENSMUSG Neurog3	0	0	0	0	0	0
ENSMUSG Mab2113	0.029859	0.078065	0.053321	0.465559	0.576605	0.482363

ENSMUSG Gpr4	5.752378	4.875895	6.778431	3.433347	3.662396	3.364307
ENSMUSG Olfr1249	0	0	0	0	0	0
ENSMUSG H60b	0	0.338766	0.26232	0.436679	0.39119	0.799846
ENSMUSG Aldh3b2	0.095927	0.28296	0	0.051774	0.141611	0.149603
ENSMUSG Btnl4	0	0	0	0	0.041709	0
ENSMUSG Smc3	17.71657	18.42529	17.7889	15.57235	15.39506	14.729972
ENSMUSG Pdcd4	17.00694	14.6565	15.38429	20.016	15.23892	15.665573
ENSMUSG Shoc2	18.64284	18.7709	16.91223	15.25842	16.149	15.058724
ENSMUSG Spindoc	4.951915	4.731931	5.638405	4.069089	4.482082	4.886462
ENSMUSG Lgals12	0.586388	1.165333	0.494973	1.178343	0.927504	1.16228
ENSMUSG Hrasls5	0	0	0	0.120782	0	0
ENSMUSG Gpam	26.16009	29.84691	24.85742	30.29783	31.56919	35.605881
ENSMUSG Tectb	0	0.059119	0	0.052364	0.148048	0.037986
ENSMUSG Npas1	0.127423	0.342639	0.534197	0.227361	0.354546	0.285749
ENSMUSG Taco1	7.338324	7.355018	6.881858	7.943089	7.403101	6.273852
ENSMUSG Grik3	0.672244	0.847661	0.714397	0.364594	0.470216	0.283412
ENSMUSG Gria3	3.310391	4.142067	3.865944	2.158144	2.83643	2.122618
Mus_musc Mus_musc	0	0	0.019525	0.430522	0	0
Mus_musc Mus_musc	0	0.287266	0.190867	0.254694	0	0.14057
Mus_musc Mus_musc	0.92472	0.495933	1.09907	1.145848	0.918989	1.14974
Mus_musc Mus_musc	1.146177	1.170409	1.069924	0.59306	0.827279	1.018821
ENSMUSG Clec4a3	11.09588	9.237665	16.20886	39.78153	39.76508	42.310096
ENSMUSG Apon	0.078032	0.026498	0.086837	0.096919	0.019556	0.028993
ENSMUSG Lysmd4	3.896607	4.649035	3.600042	3.252534	3.720666	3.954324
ENSMUSG Naa50	20.53047	20.52031	19.91967	22.13132	21.73869	21.808946
ENSMUSG Ctr9	12.53986	13.25533	12.00337	12.30798	11.69248	11.885538
ENSMUSG Btaf1	10.84186	11.23447	9.871743	9.466247	9.436166	9.680274
ENSMUSG Apoc1	12.82109	14.54511	10.15015	6.946899	8.57849	10.459524
ENSMUSG Wdr7	4.99541	5.205892	4.141546	4.968338	5.44332	5.677997
ENSMUSG Plppr2	2.031313	1.917523	2.444565	2.123135	1.72582	1.94501
ENSMUSG Gstm2	134.6829	124.3571	107.4178	84.32966	76.07436	84.462357
ENSMUSG Slc26a7	0	0	0	0	0	0.010698
ENSMUSG Mrpl46	9.918078	11.6362	9.538636	10.94	10.31138	10.682153
ENSMUSG Tmem126l	9.701557	9.458803	8.527088	10.26807	9.254123	9.916542
ENSMUSG Vmn1r179	0	0	0	0	0	0
ENSMUSG Gpr6	0	0	0	0	0	0
ENSMUSG Ccdc83	0.075213	0.022869	0	0	0.069976	0.104151
ENSMUSG Ifi211	1.362678	1.644954	3.309447	2.933776	2.56027	2.52643
ENSMUSG Ifi202b	2.171393	2.454308	4.54485	6.484026	5.036733	5.316439
ENSMUSG Spta1	0.801393	0.719559	0.904439	0.310542	0.285524	0.286139
ENSMUSG Mptx1	0	0	0	0	0	0
ENSMUSG Gfral	0	0	0	0	0	0
ENSMUSG Tas2r120	0	0	0	0	0	0
ENSMUSG Gm8453	0	0	0	0	0	0
ENSMUSG Olfr1512	0	0	0	0	0	0
Mus_musc Mus_musc	0.215097	0.400269	0.830091	0.201964	0.738566	0.453768
ENSMUSG Gm10142	0	0	0	0	0	0
ENSMUSG Gm21616	0	0	0	0	0	0
ENSMUSG Gm21312	0	0	0	0	0	0
ENSMUSG Vmn2r20	0	0	0	0	0	0
Mus_musc Mus_musc	20.88003	23.14575	29.13926	35.42647	26.47558	29.567222
ENSMUSG Olfr1151	0	0	0	0	0	0
ENSMUSG Gm3238	0	0	0	0	0	0
ENSMUSG Aven	2.002538	1.929779	1.689927	1.982887	2.087282	1.877907
ENSMUSG Spata2	8.024528	8.602369	8.98502	7.704299	8.509949	8.748384
ENSMUSG Btbd35f7	0	0	0	0	0	0
ENSMUSG Zfp445	20.73625	22.89387	17.7539	18.71667	19.77957	20.172036
ENSMUSG Nipa1	13.93979	13.46694	12.38844	8.064963	7.944367	9.28853
ENSMUSG Ankrd33	0	0.111016	0.25433	0.073758	0.041349	0.057873
Mus_musc Mus_musc	0	0	0	0	0.646015	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Olfr792	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	2.195778	3.00177	2.810894	2.743251	2.304229	2.497307

Mus_musc Mus_musc	1.218358	0.756466	0.66845	0.940478	0.271977	0.900838
Mus_musc Mus_musc	0	0	0	0.197038	0	0.087435
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.310322	0	0
Mus_musc Mus_musc	0	0.164159	0.257246	0	0	0
Mus_musc Mus_musc	0	0.05414	0.418597	0	0.631927	0.394972
Mus_musc Mus_musc	0.041722	0.065128	0.809161	0.621621	0.921466	0.662029
Mus_musc Mus_musc	0.235318	0.101206	0.241282	0.14929	0.217216	0.234812
Mus_musc Mus_musc	0.37086	0.268063	0.217126	0.57615	0.777262	0.501494
ENSMUSG Vmn1r157	0	0	0	0	0	0
ENSMUSG Lrrc8d	14.77081	11.79398	10.96891	12.18109	12.93119	13.946036
ENSMUSG Igfals	0.077648	0.101756	0.082505	0.351479	0.307598	0.184186
Mus_musc Mus_musc	0.259966	0.34606	0.114318	0.224083	0.034221	0.110847
Mus_musc Mus_musc	0	0.197343	0.158258	0.255043	0.092372	0.599124
Mus_musc Mus_musc	0	0	0	0.264821	0	0
Mus_musc Mus_musc	0.513013	0.098657	0.108008	0.09903	0.170538	0
Mus_musc Mus_musc	0	0.137476	0.176999	0.11232	0.211302	0.162419
Mus_musc Mus_musc	0	0	0.249476	0.427653	0	0
Mus_musc Mus_musc	0	0.300594	0	0	0.092423	0.153359
ENSMUSG Tcf23	0.49662	0.501899	0.674965	0.413901	0.24534	0.368909
Mus_musc Mus_musc	0.15022	0.183374	0.051342	0.089146	0.134371	0.316083
ENSMUSG Slc5a6	2.75286	2.613109	2.482078	2.080981	1.992743	2.326955
Mus_musc Mus_musc	0.63985	0.547575	0.376631	0.377315	0.242326	0.284403
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Nphs1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0.137138	0.093786	0.382776	0.17317	0	0.051644
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.214349	0	0	0
Mus_musc Mus_musc	0.135866	0.540442	0.264127	0.106494	0.403765	0.333488
Mus_musc Mus_musc	0.214205	0.072917	0	0.076912	0	0
ENSMUSG Hipk1	50.72671	60.71907	47.51259	45.20919	46.02386	50.024132
ENSMUSG Tenm3	0.129278	0.312885	0.107817	0.223329	0.166874	0.172822
ENSMUSG Gprc5b	7.221066	8.071347	6.358106	6.193549	5.871779	6.46112
ENSMUSG Selenop	543.8249	544.7982	503.5385	496.6209	501.3472	459.02055
ENSMUSG mt-Cytb	2349.507	2520.422	2235.242	2671.991	2664.421	2252.9731
Mus_musc Mus_musc	1.27958	1.335809	2.382244	2.517238	1.517199	1.683034
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.391742	1.242836	1.935769	1.944636	1.54625	2.047351
Mus_musc Mus_musc	0.940756	0.806642	1.052728	0.793541	0.62091	1.284985
Mus_musc Mus_musc	0	0	0.561751	0	0	0
Mus_musc Mus_musc	0.051934	0.087669	0.083496	0.228824	0.081869	0.616148
ENSMUSG Gm3012	0	0	0	0	0	0
ENSMUSG Rbm31y	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.099826	0	0	0
ENSMUSG Vmn2r120	0	0	0	0	0	0
ENSMUSG Gm3594	0	0	0	0	0	0
ENSMUSG Gm4567	0	0	0	0	0	0
Mus_musc Mus_musc	0.114091	0.379085	0	0	0	0.221179
ENSMUSG Dlx3	0	0	0.02268	0	0	0
ENSMUSG Foxm1	0.94979	1.198842	1.255078	1.551276	2.25505	2.582823
ENSMUSG Itfg2	5.692776	6.560946	6.300143	5.402366	5.099013	5.505346
ENSMUSG Gm17949	0	0.083118	0	0	0	0
ENSMUSG Tssk2	0.119213	0	0.065481	0.008149	0.022866	0.086254
ENSMUSG Olfr891	0	0	0	0	0	0
ENSMUSG Gm39566	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.244105	0	0	0	0
Mus_musc Mus_musc	1.223513	1.004033	0.454653	0.387872	0	0.566246
Mus_musc Mus_musc	0.105158	0.542576	0.48232	0.596534	0.204795	0.399617
Mus_musc Mus_musc	0.265367	0.357074	0.283649	0.115638	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.071569
Mus_musc Mus_musc	1.264863	0.986694	1.206927	0.872042	0.849798	0.870861
Mus_musc Mus_musc	0.908049	0.743215	0.444759	0.173493	0.454701	0.612692
Mus_musc Mus_musc	0.172073	0	0	0.155397	0	0

Mus_musc Mus_musc	0	0.028466	0.361818	0	0	0
ENSMUSG Nmur2	0	0	0	0	0	0
ENSMUSG Vmn2r125	0	0	0	0	0	0
ENSMUSG Scgb1b12	0	0	0	0	0	0
ENSMUSG Gm10031	6.102835	9.724101	6.549953	8.341362	6.306372	4.381939
ENSMUSG Chst2	5.753305	4.786578	5.811906	3.573363	3.344081	3.052596
ENSMUSG Gm29110	0	0	0	0	0	0
ENSMUSG Suz12	14.41513	14.1059	14.55539	14.31607	14.43908	13.264084
ENSMUSG Map2k4	15.11103	14.82434	14.23524	14.64878	15.22256	14.275155
Mus_musc Mus_musc	0.318106	0.206737	0.470122	0.675951	0.735326	0.427403
Mus_musc Mus_musc	0.197791	0.120537	0.043842	0.061718	0.428456	0.173511
Mus_musc Mus_musc	0	0.113504	0.579723	0	0.090793	0.630376
ENSMUSG Gm28308	0.371239	0	0.45253	0	0.26475	0
ENSMUSG Gm9508	0	0	0	0	0	0
ENSMUSG Btbd35f15	0	0	0	0	0	0
ENSMUSG Ifitm7	0	0	0	0	0	0
ENSMUSG Gm12845	0	0	0	0.029544	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.496109	0	0	0
Mus_musc Mus_musc	0.288743	0.262897	0	0.326113	0	0
Mus_musc Mus_musc	0.50645	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.336474	0.073463	0.281697
Mus_musc Mus_musc	0.142999	0	0	0	0	0
ENSMUSG Nyap2	0	0	0	0	0	0.007146
ENSMUSG Kbtbd13	0.48683	0.496347	0.394146	0.238078	0.370995	0.207143
ENSMUSG Thoc6	5.865723	3.857091	5.000485	6.791369	5.947608	7.593012
ENSMUSG Slc7a1	3.722912	3.201138	2.950719	3.480265	3.200542	3.844231
ENSMUSG Ndufa9	31.91228	31.36314	31.68489	31.70026	30.23934	29.91563
ENSMUSG Fap	0.155702	0.474258	0.28156	0.481819	0.39164	0.111208
ENSMUSG Gcg	0	0	0	0.02767	0	0
ENSMUSG Ms4a15	0.201975	0.087069	0.353219	0.049794	0.24748	0.142794
ENSMUSG 5530400C;	0	0	0	0	0	0
ENSMUSG Pnp	21.51965	21.98083	24.74727	22.48147	22.35659	24.277185
ENSMUSG Aph1b	4.927773	5.322476	5.009155	3.91674	4.099531	3.812686
ENSMUSG Olfr586	0	0	0	0	0	0
ENSMUSG Olfr575	0	0	0	0	0	0
ENSMUSG Naa16	1.544871	1.863325	1.961036	1.353673	1.532657	1.344332
ENSMUSG Diaph3	0.26752	0.383988	0.292597	0.904717	1.155317	1.298007
ENSMUSG Mtrf1	2.005163	1.944434	1.957791	2.014631	1.774926	2.4021
ENSMUSG Wbp4	14.13806	14.40913	13.72858	10.72485	10.77062	9.925543
ENSMUSG Sugt1	8.397516	7.89571	7.993661	7.58092	6.986896	6.9286
ENSMUSG Olfr639	0	0	0	0	0	0
ENSMUSG Olfm4	0.324373	0.264326	0.631294	0.918943	1.664368	1.385638
ENSMUSG B4galnt4	0.129919	0.082753	0.137296	0.546076	0.317892	0.568926
ENSMUSG Tex13c2	0	0	0.027634	0	0.090292	0
Mus_musc Mus_musc	0.242151	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.297522	0	0.225447	0	0	0
ENSMUSG Vmn1r56	0	0	0	0	0	0
ENSMUSG Olfr311	0	0	0	0	0	0
ENSMUSG Gm21977	0	0	0	0	0	0
ENSMUSG Tph1	0	0.024523	0	0.016021	0.079555	0.03452
ENSMUSG Samt1	0	0	0	0	0	0
ENSMUSG Orc3	11.13831	10.4676	10.7796	10.14937	11.39054	11.034824
ENSMUSG Gm9780	8.638084	7.981851	8.391868	6.720558	6.426453	8.968317
ENSMUSG Ndufb10	51.47471	55.95545	62.39	49.94065	57.41052	50.337791
ENSMUSG Vmn2r17	0	0	0	0	0	0
ENSMUSG 1810009J0	0	0	0	0	0	0
Mus_musc Mus_musc	5.503879	5.554321	6.118219	3.165262	3.486866	2.788206
Mus_musc Mus_musc	0.365062	0.481221	0.489464	0.442046	0.606177	0.228733
ENSMUSG Dcst2	0.01868	0.051872	0.026547	0	0.061768	0.04248
ENSMUSG Fuz	10.70647	7.90248	6.873281	9.456548	7.404125	8.724137
ENSMUSG A330070K	0	0	0	0	0	0
ENSMUSG Olfr796	0	0	0	0	0	0

ENSMUSG Btla	2.953834	2.185716	2.508259	5.066098	3.436736	3.917265
ENSMUSG 1810065E	0	0.042827	0	0.417939	0.160886	0.077175
ENSMUSG Cyp2c67	0	0	0	0	0	0
ENSMUSG Gapdh	3.594779	4.108433	3.862043	5.040447	5.824681	4.639627
ENSMUSG Bloc1s3	2.826311	2.417253	1.84399	2.675034	3.733115	3.005344
ENSMUSG Dock9	57.60802	51.27713	49.46911	32.54082	33.84344	32.844866
ENSMUSG Mob3c	8.885333	9.704345	10.71248	8.369971	8.209931	8.335385
ENSMUSG Mknk1	18.37995	19.64207	21.26592	21.68201	21.22035	19.490227
ENSMUSG Dmbx1	0	0	0	0	0	0.019057
ENSMUSG Nsun4	9.888811	8.52875	9.051619	6.705096	7.207412	8.22281
ENSMUSG Lrrc41	14.83798	14.92498	13.78865	13.0882	14.07826	13.241653
ENSMUSG Rad54l	0.263036	0.358375	0.192612	0.61059	0.754613	0.967958
ENSMUSG Slc15a1	0.773815	0.826674	1.247751	0.689792	0.742881	0.756427
ENSMUSG Pomgnt1	18.95849	19.98257	17.62652	16.81349	17.03235	17.171278
ENSMUSG Naif1	2.068943	1.917359	2.074415	2.158068	1.923711	1.983416
ENSMUSG Adgrl4	73.28136	68.51949	69.73895	43.46833	47.19725	40.079953
ENSMUSG Akap7	11.40884	11.12728	10.26837	11.03045	8.948003	9.921801
ENSMUSG Cmc1	7.304193	7.239995	5.188826	7.078022	6.231116	5.919695
ENSMUSG Dap	34.12733	31.46678	32.16876	44.35493	44.7349	50.592042
ENSMUSG Mpc1	40.35516	33.42758	34.12986	34.84666	30.49079	31.393354
Mus_musc Mus_musc	0	0.154309	0	0.187735	0	0
ENSMUSG Pde10a	0.235784	0.249628	0.254263	0.18806	0.238238	0.187719
ENSMUSG Krt86	0	0.048502	0.074786	0	0.028532	0
ENSMUSG Krt81	0	0	0	0	0	0
ENSMUSG Kik11	0.684076	1.152154	0.223907	0.738524	0.867379	0.654893
ENSMUSG Klri1	0.548163	0.277499	2.813049	0.750886	0.081539	0.312765
ENSMUSG Krt83	0	0	0.039229	0.259432	0.209112	0.164793
ENSMUSG Afap1l2	4.339581	4.470084	5.229199	3.591503	3.571224	4.273724
ENSMUSG Vwa2	0	0.041655	0	0.103017	0	0.060592
ENSMUSG Tdrd1	0	0.008925	0	0.00775	0	0
ENSMUSG Trub1	1.767678	1.452786	1.520676	1.449115	1.250456	1.52536
ENSMUSG Ablim1	43.77246	38.52098	34.11939	31.89953	32.44093	36.446024
ENSMUSG Gfra1	3.376762	4.42075	2.276471	1.269499	1.472436	1.330056
ENSMUSG Rasgrf2	14.35687	12.21248	10.02776	8.190839	8.714618	8.373588
ENSMUSG Erbin	42.56786	42.82336	36.02769	34.68666	36.69347	32.323111
ENSMUSG Rab3c	2.435731	2.459312	2.151571	1.342809	1.836346	1.907291
ENSMUSG PIk2	42.07982	31.22492	29.01886	22.82023	19.51879	22.765684
ENSMUSG Thbs4	0.026047	0.031653	0.015848	0.670544	0.925172	0.520018
ENSMUSG Serinc5	21.57391	20.0409	16.90122	15.55663	16.80468	16.838814
ENSMUSG Mtx3	2.797445	2.683128	2.969173	2.236139	1.841071	2.1428
ENSMUSG Zfyve16	5.59285	5.55339	5.001774	4.918998	4.909052	4.879019
ENSMUSG Dhfr	0.936954	0.888664	0.802816	0.99408	1.355778	1.112192
ENSMUSG Gm5800	0	0	0	0	0	0
ENSMUSG Ins1	0	0	0	0	0	0
ENSMUSG Mlc1	20.87509	22.07906	19.63446	16.37674	14.92389	19.304887
ENSMUSG Wnt9b	0.087398	0.131155	0.13046	0.087624	0.098635	0.172735
ENSMUSG Appbp2	11.15034	10.92498	9.78259	8.912034	9.658621	9.004679
ENSMUSG Ubxn8	6.413091	6.202238	6.172788	6.082354	6.146287	6.057583
ENSMUSG Wdr46	8.958544	8.74094	8.224261	8.556433	8.135733	9.018296
ENSMUSG Mep1b	0	0	0	0	0.041406	0
ENSMUSG Slc45a1	0	0	0	0	0	0
ENSMUSG Arhgap29	60.04417	59.69495	60.05492	43.29823	40.78987	41.881081
ENSMUSG Olig2	0	0	0	0	0	0
ENSMUSG Nhsl1	2.462688	2.792258	2.44502	2.202399	2.398139	2.391642
ENSMUSG Zfp335	6.322422	6.422497	6.620045	5.657918	6.025889	7.023539
ENSMUSG Supv3l1	5.292683	4.47482	4.609383	4.403034	4.020292	4.91516
ENSMUSG Vps26a	29.54602	28.37459	27.01799	26.76238	28.69027	24.635488
ENSMUSG Ruffy2	5.765243	5.106201	4.705233	4.837121	4.479001	4.10122
ENSMUSG Unc5d	0.228003	0.243146	0.129579	0.09521	0.058458	0.044928
ENSMUSG Ddx21	19.21568	18.60268	18.59741	17.76061	17.97025	18.51932
ENSMUSG Ccar1	18.37944	18.13567	17.37814	16.07152	17.30467	16.942841
ENSMUSG Srgn	80.44806	111.93	139.856	161.0972	166.3703	140.51122
ENSMUSG Ddx50	31.7211	31.42872	31.58021	26.54937	26.49031	25.492132
ENSMUSG Ric3	1.349403	1.462596	1.1763	0.819687	1.182897	1.132016

ENSMUSG Lhfp	70.66504	67.46034	78.64317	42.6853	42.01034	37.687931
ENSMUSG Acss3	2.752903	4.073295	2.803712	2.441976	2.537811	1.817797
ENSMUSG Htr1d	0	0	0	0.012164	0	0
ENSMUSG C87414	0	0	0	0	0	0
ENSMUSG Npy4r	0.059255	0.070794	0.053098	0.024805	0.04437	0.036411
ENSMUSG Uros	4.456584	4.894985	4.246107	5.262999	4.832981	4.68737
ENSMUSG Rrm1	10.75733	10.85904	9.648632	9.546878	12.02538	10.841114
ENSMUSG Parp4	12.47075	10.51867	10.22571	9.494805	9.261761	9.555255
ENSMUSG Pabpc4l	0.115461	0.229995	0.034353	0.10716	0.274625	0.120605
ENSMUSG Ctbp2	25.01505	26.46274	25.48488	19.49497	23.56998	22.34178
ENSMUSG Acsm5	0.091272	0.104305	0.017001	0	0.065592	0.018536
Mus_musc Mus_musc	0	0	0	0.113074	0	0
Mus_musc Mus_musc	0	0	0	0.563095	0.201578	0
ENSMUSG Tlr13	2.889247	3.000137	4.325265	8.374207	7.028232	7.595279
ENSMUSG Gm10100	0	0	0	0	0	0
ENSMUSG Olfr895	0	0	0	0	0	0
ENSMUSG Rpap2	2.659878	2.920189	3.305562	2.953243	2.897789	3.024805
ENSMUSG Clcnka	0	0	0	0	0	0
ENSMUSG Olfr885	0	0	0	0	0	0
Mus_musc Mus_musc	0.086593	0	0.216524	0	0.12225	0
Mus_musc Mus_musc	0.369134	0.232627	0	0.08453	0.214837	0.091344
ENSMUSG Trim75	0	0	0	0	0.017112	0
ENSMUSG Thoc2	11.10612	11.89866	9.749333	11.29119	10.48536	9.916306
ENSMUSG Dtl	0.250256	0.21917	0.340388	0.848791	1.1458	1.299189
ENSMUSG Tbx10	0	0	0	0	0	0
ENSMUSG Ugg1	12.88132	12.80097	13.23595	14.78632	15.67037	15.747306
ENSMUSG Nup210l	0.193959	0.193055	0.233789	0.17581	0.265456	0.169603
ENSMUSG Creb3l4	1.783232	1.141501	1.472414	2.498193	2.74629	3.155218
ENSMUSG Rab13	7.970713	8.610361	8.439187	7.795411	9.145011	8.203724
ENSMUSG Jtb	28.40419	27.84645	28.95759	33.1706	32.93257	31.674436
ENSMUSG Crtc2	15.59948	13.49751	17.1662	13.84576	13.54334	13.656484
ENSMUSG Npr1	43.67079	39.4738	39.20943	35.80566	36.00574	36.959399
ENSMUSG Ints3	13.42789	14.35509	14.03905	13.86581	15.06032	15.773622
ENSMUSG Slc27a3	5.584998	4.855542	7.06576	6.522178	6.798136	7.393971
ENSMUSG Olfr1532- ρ	0	0	0	0	0	0
ENSMUSG Olfr713	0	0	0	0	0	0
ENSMUSG Cfap44	3.386297	4.422645	1.8584	4.971286	4.35804	4.397055
ENSMUSG Akr1c19	0.762326	0.918877	0.906451	0.993506	0.313564	0.622935
ENSMUSG Slc4a8	1.150899	1.173523	0.774745	0.845812	0.871841	0.822019
ENSMUSG Cpa2	0	0	0	0	0	0
ENSMUSG Col5a2	8.600019	8.666695	8.815675	12.96743	12.78519	14.749439
ENSMUSG Col3a1	29.5638	32.96208	30.69563	83.9134	79.02449	97.682724
ENSMUSG Pcdhgc4	0.553237	0.714151	0.488565	0.968581	0.653672	1.024139
ENSMUSG Med29	10.22445	9.71528	10.10543	9.477292	9.39233	9.968631
ENSMUSG Krt7	82.77605	81.88287	78.41059	51.22501	51.25903	57.246925
ENSMUSG Ercc5	9.23616	9.351153	7.844721	6.706503	7.032923	5.80024
ENSMUSG Tex30	5.205033	6.225398	4.649461	5.254476	5.027706	6.414832
ENSMUSG Marcks	25.09165	27.19613	25.18801	18.46656	19.98798	17.134464
ENSMUSG Tppp	12.16726	15.28113	12.7262	7.171721	7.087707	7.133617
ENSMUSG Sult3a1	0	0	0	0	0	0
ENSMUSG Csnk2a1	24.29903	21.44375	22.85924	20.51178	20.24835	20.330171
ENSMUSG Il22	0.105874	0.220203	0.087969	0.099236	0.11328	0.052187
ENSMUSG Dhodh	5.219152	4.650182	5.262716	4.456764	4.459791	5.154798
ENSMUSG Ap1g1	22.45829	21.52078	19.74891	20.15588	21.06806	21.360359
ENSMUSG Phlpp2	4.905902	5.458946	5.203013	3.916708	4.183089	3.416237
ENSMUSG Irx3	20.90525	18.587	16.20296	17.58209	16.24417	16.528468
ENSMUSG Olfr429	0	0	0	0	0	0
ENSMUSG Irx5	13.59676	11.05645	9.145603	9.546987	9.975742	10.357109
ENSMUSG Irx6	0	0	0	0	0	0
ENSMUSG Cdc42ep1	66.8839	62.62973	69.78462	33.64276	38.0422	35.802353
ENSMUSG Wipf2	6.776641	7.324029	6.554705	5.60803	5.902329	6.223244
ENSMUSG Ccdc138	1.042177	1.241765	0.94501	1.234841	0.932017	0.773057
ENSMUSG Dnah10	0.903162	1.071019	0.647891	1.720749	1.378608	1.473634
ENSMUSG Fam120a	45.18447	44.27937	43.08456	43.01899	45.80514	46.807182

ENSMUSG Prm2	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.090861	0	0.278178	0.142824	0
ENSMUSG Vmn2r76	0	0	0	0	0	0
ENSMUSG Sft2d3	2.848052	1.958149	1.686698	1.993688	1.679478	1.941554
ENSMUSG Sybu	1.511101	1.735081	1.372146	0.582988	0.799705	0.760019
ENSMUSG Kcnv1	0	0	0	0	0	0.01259
ENSMUSG A1bg	0	0	0	0	0	0
ENSMUSG Myc	3.539357	3.027127	4.220901	4.124315	6.071942	6.368489
ENSMUSG Nanos1	0.816863	0.962399	0.679745	0.675725	0.614321	0.613954
ENSMUSG Tst	36.90604	44.62667	37.31599	43.79777	43.07596	44.84404
ENSMUSG Olfr124	0	0	0	0	0	0
ENSMUSG Celf5	0.120458	0.056263	0.084949	0.062576	0.093155	0.063129
ENSMUSG Gm21366	0	0	0	0	0	0
ENSMUSG Grip1	0.676292	0.798971	0.342062	1.009489	0.850937	0.773504
ENSMUSG Scn7a	80.58362	79.10154	61.2173	38.11754	43.91647	44.219574
ENSMUSG Olfr1444	0	0	0	0.013128	0	0.048942
ENSMUSG Trarg1	3.994045	4.634278	4.656334	2.426055	3.120567	2.373448
Mus_musc Mus_musc	0	0	0	0	0.186692	0.16038
Mus_musc Mus_musc	0	0.063006	0.223871	0	0.260182	0.090067
Mus_musc Mus_musc	0.921097	1.143035	1.372422	0.791303	1.957828	0.593126
Mus_musc Mus_musc	0	0.269929	0	0	0	0
Mus_musc Mus_musc	4.551739	2.07676	3.510926	1.959638	2.113414	1.63619
ENSMUSG Cmklr1	33.23601	32.47723	35.30646	31.15856	32.43212	33.493863
ENSMUSG Zfp451	7.28413	7.027935	6.331504	6.211462	5.763727	5.574487
ENSMUSG Slc35f2	0.166347	0.141641	0.121386	0.163132	0.16976	0.168921
ENSMUSG Chchd7	12.89977	15.6064	15.01089	12.95355	11.55831	10.147962
ENSMUSG Pars2	1.374825	1.432194	1.950278	2.276342	1.219568	2.009168
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.236499	0	0	0.173329	0
Mus_musc Mus_musc	0	0.110354	0.134808	0	0	0.090791
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Bcl2a1b	5.122262	6.206859	7.899368	16.86063	18.96273	18.953268
ENSMUSG Gm43517	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.176429	0	0
ENSMUSG Zbtb11	7.532323	6.495292	6.246994	5.378757	5.831172	6.479745
ENSMUSG Ammecr1	1.436329	1.467627	1.095553	1.607369	2.019519	1.895862
ENSMUSG Mroh4	0	0	0	0	0	0
ENSMUSG Lyn	34.08647	33.1498	37.23698	32.36794	32.33238	30.79033
ENSMUSG Rabif	11.51145	10.39039	11.84496	10.67675	9.351518	9.495152
ENSMUSG Gdf3	0.026546	0	0	0.153544	0.134155	0.093437
ENSMUSG Hist1h2br	0	0	0	0	0	0
ENSMUSG Gm49027	0.819073	0.962252	0.269985	0.449114	0.750225	0.512847
ENSMUSG Ptk2	31.75154	31.35762	31.81202	20.9759	21.76703	20.311428
ENSMUSG Xrn1	7.370632	7.440221	6.730913	6.416747	6.152483	6.047348
ENSMUSG Tfdp2	20.15514	21.79649	16.03467	13.68912	16.86242	14.506427
ENSMUSG Atp1b3	76.08031	61.28674	69.13306	58.82627	66.9977	63.056126
ENSMUSG Rasa2	4.481496	4.62177	4.313233	4.476328	4.544371	3.940205
ENSMUSG Ube2cbp	0.129206	0.376118	0.143832	0.352893	0.34804	0.218142
ENSMUSG Rwd2a	0.619041	0.655302	0.869491	0.558878	1.168887	1.00527
ENSMUSG Me1	20.29081	24.66569	18.24428	34.89794	35.48844	40.293964
ENSMUSG Tbx18	0.191086	0.24764	0.061559	0.207042	0.030763	0.277913
ENSMUSG Ret	1.143052	1.916669	1.349122	0.602327	0.6693	0.682255
ENSMUSG Pdgfra	45.46096	45.33339	49.88535	40.03687	44.45376	36.954737
ENSMUSG Spin2d	0	0	0	0	0	0
ENSMUSG Hoxa3	4.392541	3.473922	4.15734	3.608034	3.086787	3.100776
ENSMUSG Pglyrp2	1.31995	0.946601	1.805686	2.390915	2.184901	2.039621
ENSMUSG Maea	43.66618	44.09844	46.1076	42.81009	44.60481	45.698473
ENSMUSG Dclre1b	3.375299	3.224425	3.320608	3.510224	4.648127	3.583806
ENSMUSG Il1f9	1.51825	2.116951	2.748945	1.789274	0.448384	0.231686
ENSMUSG Olfr868	0	0	0	0	0	0
ENSMUSG Wnt2b	2.285393	2.384074	1.463655	1.223462	0.949385	1.251278
ENSMUSG Wscd1	17.45948	11.94646	13.39532	7.947168	8.528488	8.768442
ENSMUSG Olfr825	0	0	0	0	0	0
ENSMUSG Nedd4l	16.60444	15.54342	16.77165	10.50236	11.22489	10.579653

ENSMUSG Ptchd1	0.124313	0.12231	0.152641	0.410711	0.238896	0.268361
ENSMUSG Serpina5	0	0	0	0	0	0
ENSMUSG Fbxo2	2.340685	2.54167	3.10512	3.278071	2.528464	3.159194
ENSMUSG Napg	13.35099	13.87861	11.94242	11.69847	12.2776	10.637478
ENSMUSG lsm2	0.050171	0.116801	0.233675	0.166232	0.124905	0.209197
ENSMUSG Txnl1	23.45869	22.94221	22.28607	21.28933	21.13117	22.087624
ENSMUSG Slc22a18	5.043499	5.194265	3.799363	4.505058	3.2115	5.264567
ENSMUSG Gp1ba	0.692069	0.415076	0.780286	0.495921	0.356212	0.356322
ENSMUSG Nars	34.25712	32.77796	34.85127	35.60549	37.57356	37.798698
ENSMUSG Ccdc96	1.35304	1.608346	0.973704	2.486562	2.5524	2.689119
Mus_musc Mus_musc	23.06788	23.78581	27.43315	23.74964	24.81491	30.559319
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	1.311294	1.597201	1.478388	1.874578	2.025324	1.748166
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.447869	0.660954	0.499907	0.559293	0.703827	0.24749
Mus_musc Mus_musc	0	0.127156	0	0.143769	0.19791	0
ENSMUSG Oprl1	0.018185	0	0.018026	0	0	0
Mus_musc Mus_musc	0.124047	0.361329	0.493593	0.129775	0.157484	0.251665
Mus_musc Mus_musc	5.094936	4.365843	82.44224	38.80262	4.53023	5.257252
ENSMUSG Helz2	16.39501	13.96055	16.6367	13.13186	14.01076	14.241989
ENSMUSG Stmn3	0.148968	0	0.155255	0	0.197375	0
ENSMUSG Zgpat	14.57035	14.66956	14.67009	13.51145	12.17877	13.693601
ENSMUSG Zbtb46	10.36029	9.219344	11.18833	6.779779	6.907664	7.273773
Mus_musc Mus_musc	3.228951	4.527315	3.575527	4.917229	4.65547	3.491255
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.199632	0.629021	0.076548	0.134153	0
Mus_musc Mus_musc	0.573933	0.480173	0.872291	0.906615	0.596017	0.422629
ENSMUSG Olfr680-ps	0	0	0	0	0	0
ENSMUSG Macc1	3.501313	3.388194	3.098669	3.866166	3.092457	3.87153
ENSMUSG Ndufa7	69.69931	69.86	65.05581	66.24988	59.54023	63.922039
ENSMUSG Shisa4	1.135868	0.651898	0.809705	1.575917	1.705116	1.550173
ENSMUSG Khlh34	0.334472	0.567794	0.329666	0.525466	0.494855	0.636037
ENSMUSG Kremen2	0.081749	0.086858	0.013926	0.099508	0.091807	0
ENSMUSG Hmgn1	76.73833	76.82064	77.03752	62.92459	62.2397	68.928528
ENSMUSG Madd	11.43159	11.75521	11.03942	11.96521	12.37581	11.899754
ENSMUSG Tbl3	3.876971	3.428882	3.72143	4.389709	3.786435	4.711093
ENSMUSG Olfr118	0	0	0	0	0	0
ENSMUSG Ccrl2	25.17594	25.12322	27.16314	18.15914	18.45094	14.86431
ENSMUSG Muc5b	0.301015	2.216167	0.094392	17.94738	18.27589	19.244951
ENSMUSG Gm12666	2.050872	1.894833	2.32829	1.934335	1.729959	2.649606
ENSMUSG Gm10153	0	0	0	0	0	0
ENSMUSG Krtap5-1	0	0	0	0	0	0
Mus_musc Mus_musc	0.143725	0.105977	0	0	0.321883	0
Mus_musc Mus_musc	0.201292	0.087587	0.06572	0.121076	0.124204	0.103667
Mus_musc Mus_musc	0	0	0	0.28763	0	0
ENSMUSG E2f6	11.69881	11.89946	11.57643	9.612456	10.43569	9.35087
Mus_musc Mus_musc	0	0	0.34396	0	0	0.37335
Mus_musc Mus_musc	1.298099	2.01831	1.460485	1.478116	1.047693	0.516659
ENSMUSG Olfr1415	0	0	0	0	0	0
Mus_musc Mus_musc	1.102942	1.228604	0.985925	0.929024	1.073256	1.433042
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Olfr591	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.132848	0	0.195143	0.193077
ENSMUSG Gm10487	0	0	0	0	0	0
ENSMUSG Nol10	5.59532	5.817807	5.916316	4.641467	5.770468	5.585886
ENSMUSG Stx17	10.2374	9.228528	9.256144	10.45279	9.29472	10.466564
ENSMUSG Olfr871	0	0	0	0	0	0
ENSMUSG Gm4498	0	0	0	0	0	0
ENSMUSG Tmem151a	3.456807	3.107063	2.699901	2.52923	1.866271	3.367002
ENSMUSG Olfr1453	0	0	0	0	0	0
ENSMUSG Gm21454	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.27619	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0

ENSMUSG Tomm20	19.68894	16.79167	17.70932	16.28754	15.47106	17.482247
Mus_musc Mus_musc	0	0	0	0.35852	0.140991	0
ENSMUSG Lamp2	100.9987	104.4345	102.6559	121.4498	123.335	124.344
Mus_musc Mus_musc	0.272646	0.230729	0	0	0.176024	0
Mus_musc Mus_musc	0.512177	0.485224	0.444213	0.90095	0.686942	0.627129
Mus_musc Mus_musc	0.984668	0.563001	0.739664	0.861872	0.826343	0.718145
Mus_musc Mus_musc	0.421292	0	0.132248	0.295623	0.261199	0
ENSMUSG Gm4297	0	0	0	0	0	0
ENSMUSG Sh3pxd2a	29.1703	28.25813	24.02628	19.19821	21.36663	19.564577
ENSMUSG Gm9913	0.031938	0.028808	0.01364	0.047137	0.052952	0.033739
ENSMUSG Stat6	38.28994	35.72705	36.86203	34.05911	35.00237	35.842812
ENSMUSG Gm20390	0	0	0	0	0	0
ENSMUSG Gm3755	0	0	0	0	0	0.027011
ENSMUSG Hoxd12	0	0	0	0	0	0
Mus_musc Mus_musc	2.324612	1.858836	1.728314	0.339374	0.415134	0.716478
Mus_musc Mus_musc	0.94919	1.103863	0.816296	0.959479	1.319403	1.094287
Mus_musc Mus_musc	0.915157	0.987113	0.864906	0.770737	0.606897	1.048597
Mus_musc Mus_musc	0.290181	0.297136	0.327815	0.185671	0.072246	0.241927
ENSMUSG Olfr1333	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.313543	0	0
Mus_musc Mus_musc	0	0	0	0	0.245995	0.332835
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.277637	1.740328	1.207041	1.63548	1.459078	1.006071
Mus_musc Mus_musc	0	0	0	0.183577	0.410313	0
ENSMUSG Zfp334	2.108404	2.43897	2.259843	1.697681	1.769231	1.49935
ENSMUSG Slc35c2	11.89401	10.14542	11.64394	15.29608	14.00914	13.101651
ENSMUSG Gm20929	0	0	0	0	0	0
ENSMUSG Gm42906	0.064615	0.032508	0	0	0.039933	0
ENSMUSG Nkx2-1	73.71677	49.86546	43.09204	36.38969	47.68702	47.859059
ENSMUSG Pax9	0.013285	0.079415	0	0.11279	0.085317	0
ENSMUSG F8a	4.396407	3.202487	3.480962	3.513598	3.946774	3.817618
ENSMUSG Meox1	7.052452	7.453348	7.978669	5.385519	4.770207	4.636153
ENSMUSG Kcnn4	2.044854	2.202474	1.839363	10.45618	9.913011	11.509237
ENSMUSG Kik5	0	0	0	0	0	0
ENSMUSG Rspo2	0.161307	0.214776	0.053759	0.130404	0.147821	0.279069
ENSMUSG Gm3383	0.02178	0.005107	0.031784	0	0	0.021808
ENSMUSG Hmgn5	12.64409	13.03052	12.91488	12.95008	12.73344	10.533854
ENSMUSG Gm5849	0	0	0	0	0	0
ENSMUSG Gm5169	0	0	0	0	0	0
ENSMUSG Sh3bgrl	86.22044	87.40102	86.67993	81.33764	79.9977	72.231491
ENSMUSG Gm21861	0	0	0	0	0	0
ENSMUSG Krtap28-1	0	0	0.106096	0	0.102003	0
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Rfx7	5.19721	4.937465	4.78877	5.243012	5.292793	5.359514
ENSMUSG Akt1	70.2919	71.09215	76.17688	68.58595	73.25366	71.512176
ENSMUSG Inf2	16.66016	13.31139	16.90822	13.50962	14.17374	14.73803
ENSMUSG Olfr1065	0	0	0	0	0	0
ENSMUSG Lmbrd2	6.56349	7.282151	5.743956	7.043261	6.103796	6.891273
ENSMUSG Ldb2	47.9984	32.41433	42.36663	22.80248	23.74589	23.48248
ENSMUSG Usp53	5.232822	5.24589	3.825858	3.202175	3.003291	3.498115
ENSMUSG Nploc4	18.61616	18.8501	18.90181	17.49618	19.29037	18.363177
ENSMUSG Apela	0.284458	0	0.154901	0	0.205457	0.046193
ENSMUSG Fastkd5	2.490409	3.470788	2.434836	2.34624	2.638608	2.464229
ENSMUSG Ifna14	0	0	0	0	0	0
ENSMUSG Skint9	0	0	0	0	0	0
ENSMUSG Scg5	1.145622	1.379969	0.784127	0.849193	0.706433	0.500566
ENSMUSG Tab2	30.33528	30.64472	31.06519	26.54054	29.60765	26.349308
ENSMUSG Ccl25	0.787833	1.038452	1.564977	1.462193	1.029965	1.189228
ENSMUSG Serinc2	9.762646	9.502741	8.922682	8.152293	7.461501	7.413964
ENSMUSG Hes6	15.35414	15.80797	14.35426	22.09836	19.47998	20.960051
ENSMUSG Cnih1	31.85248	32.31445	31.05871	28.15651	28.25694	30.38019
ENSMUSG Elp6	1.721066	2.411884	1.599679	2.107525	1.972209	2.531215
ENSMUSG Gpr174	0.762931	0.561668	0.874732	1.406559	0.980827	1.366644
ENSMUSG Cylc1	0	0	0	0	0	0

ENSMUSG Vamp5	22.77486	28.49439	31.49649	21.46225	22.41814	22.367995
ENSMUSG Gm732	0	0	0	0	0	0
ENSMUSG Tent5d	0	0	0	0	0	0
ENSMUSG Polb	13.75334	13.74082	14.29821	13.44885	13.69757	12.73977
ENSMUSG Ikbkb	17.12161	15.68844	17.47638	17.1253	16.70196	16.582242
ENSMUSG Smim19	9.64147	9.227862	9.179933	8.652452	9.600851	7.869875
ENSMUSG Amer1	3.896584	4.338786	3.513061	3.496238	3.402125	3.648106
ENSMUSG Gm765	0.026896	0	0.015157	0.043393	0	0
ENSMUSG Mrps31	7.370398	8.318883	7.850178	7.92457	6.873174	7.403801
ENSMUSG Dusp4	5.82719	4.873695	5.192074	4.940916	5.02618	4.827427
ENSMUSG Gm20708	0.976261	0.556171	0.477905	0.685572	1.24105	1.123297
ENSMUSG Plat	18.10143	12.47265	19.51822	12.2638	13.71921	14.495021
ENSMUSG Cgrf1	24.1538	23.32945	21.40514	18.05371	18.05188	16.482245
ENSMUSG Rpl15	153.2395	154.6183	163.0943	198.0565	190.3184	193.86722
ENSMUSG Mageb1	0	0.020251	0	0	0	0
ENSMUSG Cnih4	12.16903	13.44265	11.47002	10.76035	10.37583	10.700905
ENSMUSG Ppef1	0	0.018147	0	0	0.19579	0
ENSMUSG Med12l	0.26024	0.363718	0.256135	0.250901	0.186764	0.314807
ENSMUSG Oxct1	20.50921	24.16559	19.03863	35.06891	36.22617	36.302124
ENSMUSG Acin1	34.23155	34.94286	37.7723	31.74671	32.69766	33.457119
ENSMUSG Fbxo4	7.164578	8.048338	9.111434	7.629357	8.141695	9.442223
ENSMUSG C6	10.68381	14.80722	9.81916	17.19858	15.05221	16.82908
ENSMUSG Gm17571	0	0	0	0	0	0
ENSMUSG Chrdl1	9.04039	6.991164	8.994637	5.124312	5.429395	4.789207
ENSMUSG Pak3	0.063836	0.033225	0.050991	0.027177	0.032348	0.030042
ENSMUSG Dcx	0	0	0	0	0	0.004527
ENSMUSG Glt28d2	2.052416	2.755831	1.84075	1.481627	1.577857	2.048343
ENSMUSG Prdm1	4.531974	3.634901	4.446443	5.801295	5.368674	4.3648
ENSMUSG Ormdl3	18.31705	21.32124	20.50399	19.1609	18.83567	18.055145
ENSMUSG Spon1	39.30615	41.53008	46.28335	32.5604	35.78678	31.753417
ENSMUSG Gstp2	15.4683	3.503008	9.302225	4.560904	6.075063	5.014508
ENSMUSG Tspan12	45.00468	43.39534	43.02691	28.03451	28.64148	25.167066
ENSMUSG Tfpi2	0.673718	0.56106	1.047294	2.659376	2.121826	2.771461
ENSMUSG Gnqt1	0	0	0	0	0	0
ENSMUSG Col1a2	36.5997	35.53869	36.44121	57.09373	58.98571	62.512942
ENSMUSG Tex26	1.603157	1.470822	0.698403	3.265368	2.176723	2.083299
ENSMUSG Micu3	3.51965	4.147962	3.603593	2.719757	1.847191	2.003371
ENSMUSG Adh5	33.24889	32.47721	31.13552	30.06952	31.22808	32.563955
ENSMUSG Riiad1	2.291596	3.251517	1.592961	4.859332	3.743181	2.948929
ENSMUSG Padi3	0.217173	0.334492	0.383756	0.460985	0.239485	0.212788
ENSMUSG Padi1	0.070975	0.273802	0.097024	0.258428	0.083748	0.207835
ENSMUSG Ptbp2	4.386244	5.388747	5.00498	5.222368	4.281293	3.605826
ENSMUSG Snx27	12.54639	15.16494	13.73963	12.84814	15.1784	14.523665
ENSMUSG Celf3	0.068267	0.036085	0.201461	0.153731	0.051766	0.061995
ENSMUSG Sp4	6.096217	5.586875	4.615685	4.538	3.968792	4.39988
ENSMUSG Tmem56	3.026839	4.177635	2.660796	4.021629	4.345653	4.136584
ENSMUSG Rwdd3	3.428226	2.153091	1.661135	3.199612	2.066875	3.142984
Mus_musc Mus_musc	0	0	0	0	0.303565	0
Mus_musc Mus_musc	0.637738	0.579761	0.592622	0.657628	0.840597	0.298868
Mus_musc Mus_musc	0.327951	0.557966	0.249825	0.458665	0.393909	0.707152
Mus_musc Mus_musc	0.200567	0	0.031552	0.089239	0.42668	0
Mus_musc Mus_musc	0.308269	0.148456	0.304231	0.300632	0.159108	1.050287
ENSMUSG Tnrc18	21.32812	20.76001	19.61037	18.46372	19.09676	19.30182
ENSMUSG Gm29106	0.041993	0.022962	0.010274	0	0.00698	0.015425
ENSMUSG Bcl2a1a	6.000741	5.909271	9.259442	14.33133	15.61391	14.965614
ENSMUSG Sval3	0	0	0	0	0	0
ENSMUSG Gm49395	1.922852	0.758328	0.858198	0.736241	0.508846	0.610999
ENSMUSG Gm49398	0	0	0	0	0	0
ENSMUSG Azi2	23.69685	26.09537	25.5236	21.99972	23.23465	20.304195
ENSMUSG Fndc3b	13.74652	11.64539	15.30489	15.78507	18.75096	17.545506
ENSMUSG Mfsd4b3	0.354177	0.499322	0.33856	0.808133	1.057499	0.970139
ENSMUSG Tia1	7.148805	6.657478	6.926988	6.829236	7.095152	7.306673
ENSMUSG Cpsf4l	0.069879	0.149709	0.125443	0.106182	0.170128	0.161682
ENSMUSG Prmt7	4.833033	4.629419	5.109192	6.053152	5.398571	5.971592

ENSMUSG Hist1h4a	0.090702	0.085886	0	0.14496	0.073776	0
ENSMUSG Rp2	9.111406	9.118761	9.284705	10.42207	11.33378	10.03081
ENSMUSG Lama2	4.909652	4.579827	4.763539	3.866447	4.764109	4.662273
ENSMUSG Ros1	1.11942	1.500979	1.010881	1.892162	1.815216	2.255545
ENSMUSG Lrriq1	1.832204	2.128339	0.967912	2.109294	1.976119	1.971559
ENSMUSG Dcbld1	9.206044	8.208116	8.160547	5.553992	5.324945	4.510888
ENSMUSG Nts	0	0	0	0.098442	0	0
ENSMUSG Ccdc59	13.43579	14.55139	14.3362	12.83176	12.72389	11.087778
ENSMUSG Slc6a15	1.352865	1.861463	1.487503	0.686487	0.732657	0.662167
ENSMUSG Spag16	3.195047	3.587989	1.699758	5.07201	4.944218	4.13405
ENSMUSG Fes	11.56251	11.17945	14.53858	14.81876	15.88937	15.882026
ENSMUSG Map3k5	12.97508	13.13173	12.0702	8.807973	9.090873	10.060813
ENSMUSG Mterf3	12.98141	14.11248	14.86157	11.98359	11.42408	10.880954
ENSMUSG Ptdss1	20.2691	19.88945	17.85681	16.83772	16.37165	17.300919
ENSMUSG Tnfrsf19	6.666302	7.769139	8.957823	5.960837	5.974014	5.343014
ENSMUSG Tmc1	0	0	0	0	0	0.023108
ENSMUSG Zfp808	1.066202	1.35661	1.028631	1.290386	1.247416	1.420229
ENSMUSG Zfp729a	2.482636	2.638329	1.997105	2.217798	2.245957	2.073461
ENSMUSG Zfp934	1.276446	1.205807	1.4111	1.488745	0.825082	0.907178
ENSMUSG Syt7	7.016006	8.296994	6.384089	7.45933	6.408022	8.502658
ENSMUSG Zfp369	5.610003	6.718772	4.597597	6.404245	6.686679	5.874126
ENSMUSG Ddb1	75.38654	70.81857	71.23827	62.46874	64.78822	68.587013
ENSMUSG Fstl4	0.255515	0.228764	0.177576	0.271822	0.132603	0.154918
ENSMUSG Son	56.74343	54.95118	60.16115	51.95607	47.33756	48.346435
ENSMUSG Donson	4.490549	4.868172	4.537686	4.417835	4.818646	4.559255
ENSMUSG Gart	13.28705	12.59183	12.68401	12.38959	11.19633	13.341744
ENSMUSG Ifngr2	12.36905	11.47182	11.57897	17.53785	18.84868	19.868868
ENSMUSG Tmem50b	67.94665	67.52168	69.02715	63.56391	60.60091	61.849356
ENSMUSG Ifnar1	20.96678	21.4694	21.17225	22.44327	24.78514	23.210458
ENSMUSG Il10rb	39.08119	34.03687	35.03508	39.08858	38.73695	42.749782
ENSMUSG Slc28a2	1.023715	0.798672	1.564727	2.426039	1.501665	1.721713
ENSMUSG Wfdc10	0.854949	0.100856	0.110416	0	0	0
ENSMUSG Peg12	0.622997	0.660315	0.645669	0.676027	0.454497	0.636698
ENSMUSG Cd82	45.9881	45.48582	52.68068	52.1311	45.14431	51.759413
ENSMUSG Fcrlb	0.077614	0.159116	0.074732	2.300022	1.670198	1.551095
ENSMUSG Tspan18	49.3532	53.8773	49.00568	36.40742	36.17068	31.653509
ENSMUSG Meis2	5.501983	5.711898	5.293564	4.599553	4.654371	4.399513
ENSMUSG Nsmce3	3.119848	2.463265	2.998262	2.201922	2.866384	2.953361
ENSMUSG Msln	49.97294	55.20904	37.22504	30.7797	19.30601	37.119587
ENSMUSG Ccni	77.13883	73.57817	64.82496	63.4548	67.88408	62.189828
ENSMUSG Manbal	19.83477	19.81543	22.02381	18.71295	16.15403	18.801805
Mus_musc Mus_musc	0.497424	0.676659	0.455412	1.026067	0.688957	0.959662
ENSMUSG Ahsa1	51.35914	70.11053	64.36604	55.17206	56.01983	60.173412
ENSMUSG Fpr1	10.51386	11.44709	12.86199	1.640273	1.961821	1.595075
ENSMUSG Slc19a2	2.582681	2.397692	1.9426	2.328094	2.61249	2.492007
ENSMUSG 4930505A	0	0.045046	0.090099	0	0.185584	0.285954
ENSMUSG Tyw5	4.323602	4.141623	4.669721	4.109585	3.958719	4.099162
ENSMUSG Fbxw4	12.01927	11.57933	10.09923	11.27029	9.066122	10.383719
ENSMUSG Sirt6	5.253715	3.881146	5.342169	6.194587	5.255997	5.990251
ENSMUSG Nsmf	12.78748	12.85224	13.97163	11.76644	10.77793	11.861029
ENSMUSG Ndor1	6.443847	7.127811	6.960424	6.902712	7.07055	7.508484
ENSMUSG Pcdha7	0	0	0	0.015184	0	0
ENSMUSG Nectin2	26.74694	30.15816	25.36258	28.15247	28.2735	32.132488
ENSMUSG Tpcn1	21.65381	20.01712	20.15885	14.09041	14.70652	14.227252
ENSMUSG 493342710	0	0	0	0	0	0
ENSMUSG Hnf1a	0	0.037232	0	0.039817	0	0
ENSMUSG Gm12888	0	0	0	0	0	0
ENSMUSG Zfp784	0.240417	0.200788	0.130781	0.073364	0.137158	0.069253
ENSMUSG Olfr1331	0	0	0	0	0	0
ENSMUSG Heyl	6.89852	6.14443	9.00556	4.944809	5.360091	5.005222
ENSMUSG Smco3	0	0.06324	0	0	0	0.029703
ENSMUSG Sppl3	23.31614	23.42031	22.5205	17.15281	19.05448	18.992712
ENSMUSG Serpini2	0	0	0	0	0	0
ENSMUSG Sik3	11.80802	11.6561	10.7526	9.479922	9.754172	10.552112

ENSMUSG Snrnp40	12.20269	14.30123	14.94019	15.08244	15.64998	15.086992
ENSMUSG Spp1	26.24013	29.56987	27.47957	188.5911	315.9765	395.37749
ENSMUSG Ibsp	0	0.022385	0	0	0	0
ENSMUSG Dmp1	0	0	0	0	0.035191	0
ENSMUSG Sparcl1	187.7019	193.8615	205.3085	150.3068	175.4708	174.8761
ENSMUSG Dcc	0	0	0	0	0	0
ENSMUSG Nfic	41.04875	37.43597	31.73572	27.12764	26.64709	26.794345
ENSMUSG Cdkn2b	21.25053	19.8142	20.45708	16.79494	18.66198	15.483305
ENSMUSG Irf3	26.34265	23.83155	27.54594	24.19957	20.89797	22.250414
Mus_musc Mus_musc	0.365002	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Hpse2	0.225025	0.252758	0.352786	0.545916	0.491864	0.467868
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.065156	0.215476	0.546464	0.22055	0.154427	0.149661
Mus_musc Mus_musc	1.141557	1.638718	1.099302	1.117984	1.721666	0.871295
ENSMUSG Fam196a	0.255542	0.416511	0.378512	0.128381	0.117114	0.067017
ENSMUSG Grb2	39.85404	37.51897	38.92063	45.13976	44.79517	44.224464
ENSMUSG Unc5c	0.878394	0.70067	0.706291	0.686057	0.932673	1.138233
ENSMUSG 4930453N	6.904509	6.643039	6.857395	5.634127	5.463067	6.239617
Mus_musc Mus_musc	0.393535	0	0.110631	0	0	0.224528
Mus_musc Mus_musc	0	0.050318	0	0.203523	0.165791	0.127729
ENSMUSG Psapl1	0.033208	0.03567	0.056224	0.174289	0.184494	0.131923
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Yod1	3.132541	3.682056	3.24448	2.684347	2.831949	2.974773
Mus_musc Mus_musc	0	0.431158	0.205137	0.394095	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG 1700067K	0.052756	0.044225	0.107303	0.072653	0.090237	0.11385
ENSMUSG Epop	3.417719	2.930676	3.502542	1.586901	2.569884	2.653989
Mus_musc Mus_musc	0	0.886845	0.352109	0.099228	0	0.077607
ENSMUSG Ripor3	0.236878	0.252886	0.37652	0.208236	0.371716	0.428259
ENSMUSG 4933428M	0	0	0.041493	0	0	0
ENSMUSG Sun2	35.44489	30.12264	33.69593	29.16852	30.0846	29.905529
ENSMUSG Dnal1	6.148611	6.294821	6.016996	5.205756	5.21163	4.829807
ENSMUSG Ubap2l	37.33124	35.76066	34.75392	34.63472	37.57782	37.907959
ENSMUSG Kcnj12	0.78988	0.772287	1.190074	0.807037	0.855069	0.506974
ENSMUSG Cass4	1.921013	2.00708	3.119844	2.877699	2.055272	2.96451
ENSMUSG Chr2	3.001811	4.491906	2.590295	2.084055	2.198733	1.796789
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0.200429	0	0
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.560077	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0.539306	0	0.627654
Mus_musc Mus_musc	0.291418	0.794625	0.533425	0.900016	0.652223	0.368965
ENSMUSG Dync1li2	40.46294	43.00406	42.24259	32.30947	33.09049	31.318655
ENSMUSG Dcdc2b	1.857857	1.957909	1.473321	2.873255	2.20523	2.379979
ENSMUSG Mrps2	8.132178	6.167808	7.353393	7.956052	7.112978	7.16786
ENSMUSG Kiss1r	1.347105	1.514264	1.385093	1.185734	1.289767	1.559727
ENSMUSG Krt20	0.042739	0.092381	0	0.039373	0.041272	0
ENSMUSG Cd99l2	18.81744	19.78152	17.34774	14.01278	14.92952	14.623154
ENSMUSG Fam229a	0.155682	0.117806	0.252193	0	0.084313	0
ENSMUSG Ggta1	26.65465	25.13086	28.88296	22.48719	24.27375	23.996539
ENSMUSG Olfr132	0	0	0	0	0	0
ENSMUSG Amer3	0	0	0	0	0	0
ENSMUSG Borcs6	10.87836	11.02814	10.9461	10.15583	10.64207	10.65926
ENSMUSG Sox3	0	0.011209	0	0	0	0
ENSMUSG Fgfrl1	10.51522	9.176821	9.325135	7.001221	7.028149	7.743057
ENSMUSG Olfr159	0	0	0	0	0	0
ENSMUSG Zfp354c	2.027281	2.544178	1.942881	1.481255	1.568847	1.927373
ENSMUSG Araf	28.93907	28.14969	30.61098	27.89782	24.0953	26.452778
ENSMUSG Gm6710	0.901916	2.442623	2.799191	3.679873	1.901718	0.803976
ENSMUSG Gm2026	0.768003	1.288196	0.519744	0.956957	0.521921	1.030083
ENSMUSG Gm14434	0.707918	1.830796	1.17687	1.987853	1.208904	1.446959
ENSMUSG Gm14308	0.473067	1.951436	1.802473	2.545117	2.853462	0.819151

ENSMUSG Pcbp3	14.74932	14.23597	14.3083	8.614361	9.312528	9.789681
ENSMUSG Gm14288	2.604039	4.265174	2.811785	3.049925	2.350227	2.474953
ENSMUSG Cfp	6.147398	7.647523	6.021036	20.85726	24.01142	26.34066
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	3.486425	3.11568	1.498543	2.094161	3.024838	1.969848
ENSMUSG Krtap19-5	0	0	0	0	0	0
ENSMUSG Adam6b	0	0	0.038735	0.273053	0.273704	0.266003
Mus_musc Mus_musc	0	0	0.062588	0.509457	0.493293	0.445641
ENSMUSG Xlr5a	0	0.01992	0	0	0	0
ENSMUSG Dock1	15.4912	16.94304	13.51497	11.95025	13.29607	13.611548
ENSMUSG Zglp1	0	0.000502	0	0	0	0
ENSMUSG Rab27a	19.42359	19.79114	21.38519	23.62579	24.11777	24.191658
ENSMUSG Ulbp1	1.601504	1.423862	1.583411	2.244122	2.644292	2.623263
ENSMUSG Lipc	0.090098	0	0.145356	0.298003	0.335171	0.26448
ENSMUSG Sbp	0	0	0	0	0	0
ENSMUSG Prepl	10.46723	12.74006	9.669906	10.82016	10.41739	9.755444
ENSMUSG Cdk6	6.725975	5.757947	7.18973	5.027722	4.381526	4.987388
ENSMUSG Pacsin1	0.335623	0.225921	0.707932	0.930898	0.562161	0.781457
ENSMUSG Bach2	3.900338	2.808713	2.576186	2.935739	2.496785	2.336937
ENSMUSG E2f8	0.400465	0.263258	0.516866	1.117786	1.465618	1.371342
ENSMUSG Accs	1.814605	1.384236	1.204458	1.481331	1.517875	1.985015
ENSMUSG Lrprrc	8.077348	7.983476	8.286197	7.870973	7.579246	8.125641
ENSMUSG Tpd52l1	0.597507	1.072566	0.751081	0.29322	0.663541	0.802037
ENSMUSG Adad2	0	0	0	0	0	0
ENSMUSG Lyar	13.36715	11.43417	14.4921	10.5918	11.84515	10.83213
ENSMUSG Sap130	12.57028	12.5874	11.33391	12.21525	13.34783	14.288665
ENSMUSG Syt4	0.028987	0.059472	0	0.02553	0	0
ENSMUSG Tns1	333.9625	266.8905	276.6067	179.2888	184.3274	172.60583
ENSMUSG Celf4	0.389188	0.70219	0.278015	0.327647	0.496691	0.461734
ENSMUSG Tpgs2	2.956204	3.935368	3.017599	3.518121	3.302383	3.342836
ENSMUSG Fcgr3	20.48728	19.52612	25.50171	62.05131	66.46375	71.916871
ENSMUSG Nhs	0.22694	0.12697	0.192017	0.259631	0.205309	0.310178
ENSMUSG Arhgef12	52.83189	58.45064	47.18064	40.49709	44.36723	39.318952
ENSMUSG Serpina10	0.175668	0.400639	0.337872	1.198513	0.777404	0.917877
ENSMUSG Gpr173	0.086483	0.242413	0.150564	0.182977	0.079138	0.156302
ENSMUSG Olfr1302	0	0	0	0	0	0
ENSMUSG Kdm5d	3.735049	3.82929	3.652997	4.068878	4.075492	3.482916
ENSMUSG Prelid2	3.558053	3.467909	3.476141	4.86404	3.692331	4.597705
ENSMUSG Rasip1	60.81863	40.51178	48.24128	29.37265	31.46511	29.054073
ENSMUSG Epm2a	6.321105	5.758595	5.282917	3.470529	3.480702	4.39954
ENSMUSG Pprc1	4.890747	5.403649	5.022378	4.848469	4.940155	6.126944
Mus_musc Mus_musc	0.742864	1.061179	2.72386	2.013492	1.030417	1.012533
Mus_musc Mus_musc	7.969504	7.213561	17.42273	15.6956	10.58457	11.07961
Mus_musc Mus_musc	0.358259	0.424616	0.053389	0.131143	0.170446	0
Mus_musc Mus_musc	0	0.025146	0.100157	0.210887	0	0.288619
Mus_musc Mus_musc	10.38998	9.265018	14.99562	17.86057	14.35541	14.83999
Mus_musc Mus_musc	2.865309	2.588215	7.048558	5.497708	3.229906	3.749341
Mus_musc Mus_musc	0.459068	0.33341	0.726983	0.874087	0.529803	0.496049
Mus_musc Mus_musc	0	0	0.32258	0	0	0
ENSMUSG Mfsd4a	1.040986	1.18517	1.132705	9.393953	10.71017	9.714511
ENSMUSG Ntrk3	0.369575	0.309411	0.557192	0.685764	0.805068	0.801717
ENSMUSG Xk	0.472042	0.652379	0.33105	1.420892	1.475774	1.129647
ENSMUSG Golga7	42.65183	44.75454	47.51499	44.37075	44.80656	41.548146
ENSMUSG Cybb	24.78668	22.53128	26.77393	51.71363	49.32624	54.963787
ENSMUSG Lrfn2	0	0	0	0.016304	0	0
ENSMUSG Chrm4	0.071295	0	0	0.029607	0	0
ENSMUSG Kif18b	0.177629	0.078862	0.247157	0.928993	0.792965	1.354179
ENSMUSG Flrt3	14.12174	10.45737	11.79482	7.983917	7.363027	8.228507
ENSMUSG Igsf23	0.500924	0.861722	0.698145	0.59419	0.645987	0.466451
ENSMUSG Pcdh1	114.0678	93.38234	107.9073	54.54529	66.06026	55.862771
ENSMUSG Plpp7	1.274113	0.89352	1.144636	0.5448	1.261019	0.821409
ENSMUSG BC025446	0	0.030903	0.126195	0.140816	0	0
ENSMUSG 4922502D	0	0	0	0	0	0
ENSMUSG Bola2	9.318948	8.488084	9.918043	11.32842	9.289591	10.815364

ENSMUSG Vmn1r123	0	0	0	0	0	0
ENSMUSG Olfr904	0	0	0	0	0	0
Mus_musc Mus_musc	0.318936	0.303855	0.524542	0.381851	0.3924	0.214031
Mus_musc Mus_musc	0.427342	0.347245	0.319113	0.091841	0	0.310942
Mus_musc Mus_musc	0.058195	0.67204	0.352195	0.160087	0.054195	0.458361
Mus_musc Mus_musc	0.047487	0.104853	0.013392	0.156624	0.25139	0.16734
Mus_musc Mus_musc	0	0	0	0	0	0.434631
Mus_musc Mus_musc	1.795464	1.657769	1.750066	1.864859	1.698079	1.647237
Mus_musc Mus_musc	0	0.126668	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.444622
ENSMUSG Zfp322a	6.865585	6.452228	5.931608	6.470791	6.770063	6.594792
ENSMUSG Mettl15	2.942625	3.2758	2.599479	3.133706	2.17739	1.77696
ENSMUSG Rbbp4	27.65079	27.74105	27.50656	24.14747	25.46502	24.595879
ENSMUSG Aak1	7.74664	6.589214	6.99947	4.980595	5.488831	4.893152
ENSMUSG Ebf4	1.835615	1.301915	1.805495	1.249893	1.322874	1.346824
ENSMUSG Prl7a2	0	0	0	0	0	0
Mus_musc Mus_musc	0.071678	0	0	0	0	0.231896
Mus_musc Mus_musc	0	0.429496	0	0.201197	0.252181	0
Mus_musc Mus_musc	0	0.324214	0.401223	0	0.256702	0.269421
ENSMUSG Zfp740	35.60525	35.44095	32.98982	26.91223	27.96681	26.297733
ENSMUSG Vkorc1l1	13.64567	14.59813	13.19403	12.45072	11.38364	11.02329
ENSMUSG Cldn34c2	0	0	0	0	0	0
ENSMUSG Gm21863	0	0	0	0	0	0
ENSMUSG Oas1a	0	0	0	0	0	0
Mus_musc Mus_musc	0.120363	0.362208	0.283488	0.401017	0.311477	0.366752
ENSMUSG Xpo1	16.34525	16.97889	14.35389	14.86936	14.83486	14.67484
Mus_musc Mus_musc	0.025514	0.186415	0.166713	0.050087	0.069088	0.033323
Mus_musc Mus_musc	1.129497	1.161901	0.752552	2.088993	1.241605	1.685848
Mus_musc Mus_musc	0.392844	0.234818	0.199283	1.055048	0.293496	0.705977
Mus_musc Mus_musc	6.520218	2.467806	3.710845	2.066921	1.346117	1.636174
ENSMUSG Gm572	0	0.03978	0	0	0	0.030853
Mus_musc Mus_musc	0.76477	0.418074	0.967077	0.274424	0.564127	0.739542
Mus_musc Mus_musc	0.159726	0.539917	0.260125	0.83902	0.570917	0.485222
Mus_musc Mus_musc	0.134417	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.95448	2.311096	1.623426	1.992189	2.308746	1.875577
ENSMUSG Gja1	22.32025	20.4812	17.41071	20.84173	19.08153	22.035435
ENSMUSG Zfp169	2.084877	2.781149	2.355683	2.687262	2.443081	2.397453
ENSMUSG Insl6	0.903507	0.354824	0.489151	2.753044	3.589609	2.128288
ENSMUSG Tpbpb	0	0	0	0	0	0
ENSMUSG Gfi1b	0.168836	0.147873	0.055168	0.385376	0.39946	0.972902
ENSMUSG Olfr984	0	0	0	0	0	0
ENSMUSG Zfp36l2	47.49645	36.68644	44.76693	36.90981	43.28533	39.92268
ENSMUSG Smug1	4.62713	4.654756	3.959704	4.786306	3.875533	4.405249
ENSMUSG Phf24	1.557126	1.322618	1.329863	0.626529	0.514117	0.724978
ENSMUSG Dhrrs1	25.57113	22.52081	23.76316	21.64822	22.1585	24.014734
ENSMUSG Slc2a6	0.772286	0.566791	1.5096	2.794222	3.183463	3.107734
ENSMUSG Gcnt4	0.055445	0.12355	0.085813	0.059761	0.06606	0.168291
ENSMUSG Fnip2	6.176982	5.703887	6.076633	7.913082	9.533697	9.557635
ENSMUSG Vmn1r18	0	0	0	0	0	0
ENSMUSG Vmn2r83	0	0	0	0	0	0
ENSMUSG Per2	25.32093	26.97654	22.34481	10.51242	11.82197	9.703154
ENSMUSG Fam19a3	0.166553	0.109797	0.193752	0.231229	0.1302	0.11693
ENSMUSG Izumo4	6.420372	3.19295	6.988771	5.008992	3.968477	4.002201
ENSMUSG Pcf11	14.96191	14.80529	13.85145	12.59772	11.19004	13.016837
ENSMUSG Ccdc146	1.941018	3.09934	1.496439	3.936448	4.217157	4.05067
ENSMUSG Cdpf1	11.50023	13.07198	11.90851	11.94629	10.61625	11.217723
ENSMUSG Hist1h4k	1.39758	0.913491	1.043397	1.937045	0.791049	1.261558
ENSMUSG Tank	12.54838	12.81381	12.05308	17.662	17.25894	17.022792
ENSMUSG Ywhah	114.7326	119.4751	132.5041	98.21327	103.4225	111.05313
ENSMUSG Dtd2	4.398744	3.438831	4.27996	3.736481	3.357091	4.00083
ENSMUSG Strn3	26.37109	29.37324	25.21967	20.99382	21.92865	23.58154
ENSMUSG Ap4s1	13.32465	13.63626	13.5091	13.36076	13.25745	16.661934
ENSMUSG Scfd1	15.32798	15.40099	16.78444	16.96759	18.49701	16.663305

ENSMUSG Coch	0.144257	0.351785	0.121173	0.172978	0.117266	0.056197
ENSMUSG Foxg1	0	0	0	0	0	0
ENSMUSG Cmc2	4.584311	5.385604	5.340384	7.825608	7.613518	5.894784
ENSMUSG Csn2	0	0	0	0.096632	0.217093	0
ENSMUSG Fam84b	29.88109	31.98441	23.43868	26.92483	26.15715	24.519051
ENSMUSG lsy1	6.053411	7.657676	7.086741	6.113683	6.061289	7.018253
ENSMUSG Cnbp	155.4931	153.039	150.6136	125.9491	120.0087	118.34136
ENSMUSG Gp9	3.040947	2.047532	3.202117	1.136484	1.061031	1.597047
ENSMUSG Rab43	19.05242	18.5878	21.27078	18.81714	18.54867	21.757045
ENSMUSG Xpnpep2	1.636889	1.591285	2.199579	1.076462	0.532377	0.667484
ENSMUSG Gkn1	0	0	0	0	0	0
ENSMUSG Aplf	3.878498	4.100063	3.398859	3.812515	3.724468	3.646076
ENSMUSG B930094E	0.165737	0.080274	0.150067	0.398302	0.231943	0.156816
ENSMUSG Gm17581	0	0	0	0	0	0
ENSMUSG Copg1	31.77204	27.8549	29.84176	28.84547	31.11044	30.856805
ENSMUSG Tmf1	13.37786	14.47161	13.49296	12.78272	12.43791	11.731077
ENSMUSG Srsy	0	0	0	0	0	0
ENSMUSG Olfr706	0	0	0	0	0	0
ENSMUSG Vmn1r126	0	0	0	0	0	0
ENSMUSG Gm44805	0	0.461516	0	0	0.165252	0
ENSMUSG Timm8a1	5.064675	4.450047	4.97684	7.454651	5.27061	5.771472
ENSMUSG Tmem196	0.474113	0.206795	0.100397	0.472206	0.457385	0.071128
ENSMUSG Catsper4	0.045345	0.114234	0.058369	0.12509	0	0
ENSMUSG Gigyf2	13.72566	12.70529	12.09171	13.21571	12.55863	13.08585
ENSMUSG Hes5	0.108565	0.088003	0.077236	0.122891	0.108378	0.203574
ENSMUSG Insl5	0	0	0	0	0	0
ENSMUSG Vmn1r174	0	0	0	0	0	0
ENSMUSG Vmn2r94	0	0	0	0	0	0
ENSMUSG Glipr1	10.31147	11.14687	13.88104	34.82775	37.07662	41.618655
ENSMUSG Gadl1	0.579537	0.303118	0.419556	0.424526	0.479634	0.534345
ENSMUSG Olfr533	0	0	0	0	0	0
ENSMUSG Gm4559	0	0	0	0	0	0
ENSMUSG Mrs2	11.32096	11.68984	9.664852	10.36014	10.29101	10.316941
ENSMUSG Carmil1	23.52863	19.27081	19.06119	9.553302	10.39797	9.207968
ENSMUSG Slc17a1	0.027008	0	0	0	0.051419	0
ENSMUSG Scgn	0	0	0	0	0	0
ENSMUSG Slc17a4	0	0	0	0	0	0
ENSMUSG Smarca1	0.708232	0.815243	0.794661	0.532848	0.498349	0.701162
ENSMUSG Syt8	0	0.344485	0	0.248461	0.084962	0
ENSMUSG Nrpb1	45.37455	39.0275	44.45548	34.62488	34.03519	33.896292
ENSMUSG Krtcap3	12.57821	12.6051	12.90552	10.93791	11.21307	10.651283
ENSMUSG Nadsyn1	2.399146	1.944924	2.35632	2.45667	3.034163	2.561986
ENSMUSG Dock11	3.592804	3.439071	4.201572	5.389866	5.085741	5.716568
ENSMUSG Slc4a1ap	9.365092	9.246392	9.457009	9.267101	9.380775	9.131989
ENSMUSG Cul4b	10.46997	11.43556	8.520485	10.49372	9.611793	10.902358
ENSMUSG Ppm1g	40.01997	36.17946	40.89402	33.81013	34.93389	36.176945
ENSMUSG Tnni2	0.813519	1.096402	1.335334	1.1858	0.933207	1.239483
ENSMUSG Eif2b4	15.47374	15.64021	17.99009	16.37452	14.60231	14.533696
Mus_musc Mus_musc	3.878105	4.119288	0.975521	1116.841	840.2073	136.24832
Mus_musc Mus_musc	0.662118	1.192009	0.385018	76.55666	565.9885	157.91934
ENSMUSG Pigx	14.22321	11.545	11.67381	13.80369	15.68264	13.478776
Mus_musc Mus_musc	2.145892	1.389853	0.404264	768.3774	463.2049	1133.954
Mus_musc Mus_musc	3.118845	1.175262	1.240423	52.94666	130.4231	14.606969
Mus_musc Mus_musc	0.10109	0.055297	0	79.13945	12.28937	96.337097
Mus_musc Mus_musc	2.146122	2.510332	1.104996	104.5835	30.03137	35.642559
Mus_musc Mus_musc	2.234481	3.687538	0.599331	159.0103	230.5838	756.31055
Mus_musc Mus_musc	3.285541	2.530293	1.828526	253.3345	128.4619	37.402176
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Zfp282	4.663335	4.90802	4.322453	4.222663	4.621314	3.832548
ENSMUSG Pdia4	35.85408	36.04195	41.88212	90.78852	102.2041	94.958916
ENSMUSG lscu	52.04824	45.22279	52.05968	47.58353	42.90112	45.287012
ENSMUSG Yars	10.89444	10.1041	11.23972	11.67876	11.60586	12.704586
ENSMUSG Hgs	3.943973	3.9131	2.980227	1.818678	3.945155	3.094752
ENSMUSG Slc25a10	35.16165	33.7091	28.86642	32.04478	28.36839	32.362545

ENSMUSG Pgm1	18.69398	20.06203	17.93281	21.68009	21.60025	27.159391
ENSMUSG Slco3a1	41.73959	40.71678	41.14897	27.59624	27.69878	24.59975
ENSMUSG Rassf3	53.22474	56.11083	50.43686	46.72111	49.90588	44.76656
ENSMUSG Rpl14	195.5489	214.5003	199.5416	229.46	211.6201	217.88317
ENSMUSG Pxmp2	11.52335	11.75322	8.607722	10.2598	8.786915	8.208673
ENSMUSG Adamts20	0.230138	0.219094	0.109271	0.10521	0.15753	0.272428
ENSMUSG Cyp2d26	0	0	0	0	0	0
ENSMUSG Ttll1	7.383605	6.657053	6.76697	5.152672	5.668731	5.337088
ENSMUSG Lipa	36.17073	33.31007	32.57929	69.76306	75.71957	80.808092
ENSMUSG C1qtnf6	3.016379	3.736792	4.157236	4.839779	4.720873	5.246164
ENSMUSG Efcab6	0.666476	0.53919	0.568862	0.63225	0.523089	0.947409
ENSMUSG Cdc37l1	19.99183	21.10834	19.69675	17.78188	17.17814	16.941031
ENSMUSG Map3k9	5.153345	5.118206	4.600771	3.953454	4.166872	4.732384
ENSMUSG Trafd1	22.58734	22.28532	36.02279	28.27099	26.46514	28.703717
ENSMUSG Siah1a	14.83339	14.49783	13.79361	12.31989	10.19857	8.517941
ENSMUSG Wdr74	11.78908	10.06581	13.31427	10.62875	8.876758	11.06472
ENSMUSG Lin37	9.863477	8.441699	9.42377	8.086162	8.54173	8.448455
ENSMUSG Slc9a5	1.301173	1.136239	1.358007	1.50853	1.483454	1.632673
ENSMUSG Ceacam19	0.013595	0.040586	0.015079	0.23449	0.264513	0.308311
ENSMUSG Olfr1102	0	0	0	0	0	0
Mus_musc Mus_musc	10.77066	20.61826	8.292344	3.221323	2.55415	11.223568
ENSMUSG L3mbtl1	0	0	0	0	0	0
ENSMUSG Utp6	11.43068	12.81503	11.70651	11.25389	11.16673	11.197188
ENSMUSG Dcaf10	5.629039	6.435665	5.475186	5.631571	5.38104	5.48123
ENSMUSG Olfr33	0	0	0	0	0	0
ENSMUSG Kank3	75.48672	64.5987	78.7929	42.60519	44.24994	38.630934
ENSMUSG Zfp239	0.276629	0.269675	0.276193	0.343349	0.30044	0.451852
ENSMUSG Dao	0.069655	0.149733	0.084345	0.202102	0.213199	0.088914
ENSMUSG Lce1c	0	0.06394	0	0	0	0
ENSMUSG Iqcg	2.675693	5.263981	2.332459	4.80401	5.120064	4.250196
ENSMUSG Frs2	9.122131	10.39337	8.797123	7.86904	8.241809	7.769374
ENSMUSG Yeats4	24.63704	23.09762	23.71792	22.97322	23.70187	23.560773
ENSMUSG Cobl	12.32852	14.1503	10.34271	9.447654	10.10888	11.680799
ENSMUSG Svep1	8.829474	7.658469	8.468112	7.003219	7.951185	7.449327
ENSMUSG Rab36	2.320388	1.827904	1.641057	2.763426	2.176214	2.216082
ENSMUSG Grb10	13.10921	14.27876	12.04765	9.937166	10.31834	11.358959
ENSMUSG 9530003J2	0.245003	0.273952	0.041104	0.138168	0.137181	0.220934
ENSMUSG Adora2a	2.857846	2.607921	4.408332	3.56317	4.059852	3.962412
ENSMUSG Rbm34	4.820776	3.868615	4.198734	4.293229	3.640228	4.121934
ENSMUSG Txn1	94.11837	90.03221	104.4279	118.677	113.2243	120.35624
ENSMUSG Vhl	9.59351	10.7613	9.132596	10.56369	10.64487	10.945624
ENSMUSG Slc44a5	0	0.083895	0.029681	0	0.048063	0.047912
ENSMUSG Tnfsf8	0.366135	0.296864	0.63949	1.596954	1.551601	1.521968
ENSMUSG Bag1	113.1416	113.0288	106.2003	93.15535	96.15794	96.969413
ENSMUSG Mapre1	21.68812	22.10116	21.91334	18.79682	19.25743	18.577301
ENSMUSG Olfr994	0	0	0	0	0	0
ENSMUSG Olfr995	0	0	0	0	0	0
ENSMUSG 4833423E2	0	0	0	0	0	0
ENSMUSG Olfr1000	0	0	0	0	0	0
ENSMUSG Olfr1002	0	0	0	0	0	0
ENSMUSG Olfr154	0	0	0	0	0	0
ENSMUSG Olfr1006	0	0	0	0	0	0
ENSMUSG Olfr1012	0	0	0	0	0	0
ENSMUSG Olfr1208	0	0	0	0	0	0
ENSMUSG Kif3b	10.65798	11.00815	10.56653	10.60274	10.88352	11.177637
ENSMUSG Phf23	23.98114	21.22832	22.72171	23.70414	21.97284	22.524289
ENSMUSG 2810408A	0.540079	0.51732	0.632958	0.55752	0.331435	0.720303
ENSMUSG Acadvl	34.01125	32.73629	32.79913	28.4002	28.55024	27.753843
ENSMUSG Cebpe	0.179551	0.552952	0.201063	5.050254	6.428325	8.557016
ENSMUSG Sptlc3	0.680443	1.224	0.324521	1.152007	1.282562	1.263373
ENSMUSG En2	0	0	0	0	0.022578	0.037836
ENSMUSG Rln1	0	0	0	0	0	0
ENSMUSG Rsad1	1.17902	0.940903	0.647894	0.55166	0.407362	0.58768
ENSMUSG Wdr93	1.028042	1.156982	0.739401	1.270318	0.88256	1.526126

ENSMUSG Olfr1214	0	0	0	0	0	0
ENSMUSG Olfr1211	0	0	0	0	0	0
ENSMUSG Dact2	1.559442	1.702328	1.33818	1.254255	1.14721	1.444584
ENSMUSG Pkd1l3	0.19348	0.208572	0.202081	0.326347	0.461256	0.299583
ENSMUSG Ddx41	12.96938	13.54149	12.80158	13.89425	13.20683	15.364721
ENSMUSG Fam193b	13.58957	14.04102	18.26426	14.10915	11.74072	11.703998
ENSMUSG Pcbd2	9.046562	6.792673	8.76568	8.791467	10.37978	10.31672
ENSMUSG Txndc15	22.91841	24.56832	27.58809	24.35753	25.03542	23.918518
ENSMUSG Slc34a1	0	0	0	0.012583	0.035764	0
ENSMUSG F12	0	0	0	0	0	0
ENSMUSG Pdlim7	17.05503	16.26028	17.89564	15.3479	14.86169	15.156092
ENSMUSG Gabbr1	9.735479	10.62415	12.21176	9.108089	8.354052	6.558222
ENSMUSG Catsper3	0.187042	0.353171	0.189768	0.165904	0.213222	0.174631
ENSMUSG Vmn1r90	0.025035	0.022782	0	0	0	0
ENSMUSG Otol1	0	0	0	0	0	0
ENSMUSG Entpd6	3.252587	3.169385	3.782806	4.661886	4.522769	4.765058
ENSMUSG Gas7	2.951528	3.610667	3.8345	7.361503	7.900361	9.025758
ENSMUSG Pfkml	8.609088	10.32724	7.437571	8.673026	7.989117	7.346102
ENSMUSG Cntnap3	0	0	0	0	0	0
ENSMUSG Lmo7	156.5863	152.3808	131.0221	77.69945	83.78956	72.744251
ENSMUSG Resp18	0.980629	1.610758	0.428212	0.510882	0.772228	0.359508
ENSMUSG Casp14	0	0	0	0	0	0
ENSMUSG Txn2	35.03965	33.52657	36.34229	35.3381	35.71751	38.889291
ENSMUSG Slc1a6	0.110836	0.271201	0.156447	0.144685	0	0.167393
ENSMUSG Dusp12	8.320683	7.870189	9.519476	6.185642	6.078095	6.143785
ENSMUSG Olfr836	0	0	0	0	0	0
ENSMUSG Vpreb1	0.146547	0.312849	0.365661	0	0.300511	0.262333
ENSMUSG Map3k20	13.11632	14.73495	12.80611	10.2893	10.22016	9.908712
ENSMUSG Cs	42.55943	43.99927	42.81207	44.71996	46.42013	46.722183
ENSMUSG Pan2	7.551363	6.901168	7.143144	6.494799	5.840386	5.963968
ENSMUSG Apoa2	0	0	0.084099	0	0	0.090671
ENSMUSG Bcas2	25.74628	25.00713	24.692	25.962	23.80375	24.391567
ENSMUSG Ampd3	9.328756	7.9497	7.738783	5.75272	6.238121	5.906214
ENSMUSG Taf6l	20.76957	19.16629	20.16379	23.71907	21.86999	20.737706
ENSMUSG Ear1	41.79701	36.67607	34.53793	8.686904	16.35448	11.710105
ENSMUSG Gm10376	0	0	0	0	0	0
ENSMUSG Ctse	5.675083	5.138041	7.149791	20.62227	21.17228	21.095608
ENSMUSG Ndrp2	32.55743	36.15903	35.18623	18.27965	22.62754	16.920741
Mus_musc Mus_musc	0	0	0.067841	0	0.373385	0
Mus_musc Mus_musc	0	0	0.173268	0.104653	0	0
ENSMUSG Herc3	4.677216	2.7428	2.909076	3.568644	3.517652	3.181798
ENSMUSG Abcg2	7.999249	8.387882	8.40254	6.034608	8.28051	5.579221
Mus_musc Mus_musc	0.154386	0	0.240829	0.081738	0.133382	0
Mus_musc Mus_musc	1.529455	1.582623	1.12531	1.776288	1.524417	1.615735
Mus_musc Mus_musc	0.044122	0.133306	0.042893	0	0.06746	0
Mus_musc Mus_musc	0	0.140802	0.19778	0	0	0
ENSMUSG Vmn1r30	0	0	0	0	0	0
ENSMUSG Dynl1f	21.25465	28.72619	18.62155	26.83546	22.70466	26.482016
ENSMUSG Ccl21b	0.706802	0.540046	0	1.015397	0.176756	0.817705
Mus_musc Mus_musc	0.467108	0.999998	0.784786	0.487055	0.835424	0.782501
Mus_musc Mus_musc	0.900905	0.77934	0.684751	0.422248	0.48386	0.869148
Mus_musc Mus_musc	0.522061	0.325132	0.294483	0.316064	0.223098	0.159438
Mus_musc Mus_musc	0.476014	0.206026	0.490218	0.443653	0.059078	0.261421
Mus_musc Mus_musc	0.216967	0.051774	0.168936	0.055928	0.196556	0.165693
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.236307	0.033893	0.17288	0.729039	0.858531	1.448514
ENSMUSG Cfi	0.647302	0.411641	0.341083	1.147736	2.444911	1.61374
ENSMUSG Olfr186	0	0	0	0	0	0
ENSMUSG Stbd1	20.30827	27.70913	23.4887	11.6952	11.4811	16.740755
ENSMUSG Olfr1093	0	0	0	0	0	0
ENSMUSG Sdr42e1	2.721911	1.804746	1.48841	1.86846	1.606651	2.135116
ENSMUSG Ccdc15	1.472671	1.540214	0.854391	1.123087	1.177537	1.218267
ENSMUSG Fam53c	9.988818	10.09132	9.527509	8.751302	8.990153	9.314789
ENSMUSG Sel1l2	0	0	0.030037	0	0	0

ENSMUSG lsm1	24.41954	20.63539	27.1208	14.78754	17.33573	14.744811
ENSMUSG Bhmt	0	0	0	0	0	0
Mus_musc Mus_musc	0.15676	0.387606	0.429091	0.159922	0.273386	0.445945
Mus_musc Mus_musc	0	0.206135	0	0	0	0
Mus_musc Mus_musc	0.166867	0.308253	0.403725	0.079379	0.03495	0.16149
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.245258	0.298555	0.220352	0.689406	0.243512	0.420425
Mus_musc Mus_musc	0.192338	0.353511	0.651242	0.0921	0.047504	0.093733
Mus_musc Mus_musc	0	0	0	0	0.356737	0
Mus_musc Mus_musc	0	0.045931	0.348276	0	0	0.083181
ENSMUSG Ascl2	0.034649	0.122272	0.142034	0.182022	0.225714	0.26747
ENSMUSG Zfp874a	3.679604	5.56833	3.454716	4.298076	4.404767	4.17859
ENSMUSG Zfp825	3.548245	3.704269	4.289114	4.244294	4.047269	4.208335
ENSMUSG lcmt	19.05959	20.56771	20.20869	16.26337	17.95319	17.153766
ENSMUSG Oacyl	0.089768	0.023943	0.026342	0.087236	0	0.041712
ENSMUSG Vva5b2	0.018566	0.097032	0	0.022372	0.061447	0.025998
ENSMUSG Actrt1	0	0	0	0	0	0
ENSMUSG Olfml2a	14.68967	13.10924	10.74524	8.113132	8.30893	7.731035
ENSMUSG Tmem233	0.189474	0.212476	0.214018	0.196567	0.082304	0.042533
Mus_musc Mus_musc	0.074192	0.075435	0.331498	0	0	0.136487
Mus_musc Mus_musc	0.406168	1.014952	0.862627	0.356186	0.398803	0.233936
Mus_musc Mus_musc	1.559845	1.437741	1.099476	1.096334	1.093386	0.958257
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Arnt	25.65366	24.00689	24.10684	19.32294	19.92607	19.74745
ENSMUSG Ppp2r5c	46.17248	42.22039	41.36015	43.14899	44.42476	42.658372
ENSMUSG Mslnl	0	0.014527	0.063769	0	0.01543	0
ENSMUSG Pif1	0.061209	0.060542	0.085382	0.595958	0.391951	0.645563
ENSMUSG 4930596Dl	0	0	0	0	0	0
ENSMUSG Zbtb39	5.519039	6.075106	4.953859	4.144826	4.108586	4.148199
ENSMUSG Mettl18	2.927575	2.977751	2.546708	1.992794	2.028918	2.864801
ENSMUSG Mdfic	25.22545	22.89591	19.99366	23.56419	28.27556	25.911697
ENSMUSG 1700013G;	0	0	0	0	0	0
ENSMUSG H2-T10	8.050282	8.012211	19.31891	11.93714	8.642304	10.751873
ENSMUSG Gm11127	44.84816	31.68953	70.06412	58.45334	56.92309	58.323982
ENSMUSG Nat8f6	1.145967	1.563576	1.754415	0.866753	1.026028	0.620998
ENSMUSG Nat8f5	0.111257	0.265073	0.345061	0	0.162102	0.202552
ENSMUSG Gm13420	0	0.039037	0	0.072892	0.106266	0
ENSMUSG Slc3a2	131.4933	124.0336	140.3736	101.0403	112.8847	117.08394
ENSMUSG Nxf1	29.11798	24.6413	29.7972	28.04853	29.13572	30.245156
Mus_musc Mus_musc	0	0	0	0.051512	0.102892	0.202823
Mus_musc Mus_musc	0.367033	0	0	0	0	0
Mus_musc Mus_musc	0.639445	0.464629	0.402362	0.404649	0.126978	0.387652
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Smco4	21.70521	20.85198	23.84141	17.78852	17.25489	18.18535
ENSMUSG Krtap6-1	0	0	0	0	0	0
ENSMUSG Hspa8	361.1297	545.1798	576.6236	386.2018	484.5297	493.29287
ENSMUSG Gm5148	10.0451	9.977245	11.21658	9.617401	9.260653	10.480252
ENSMUSG Trim15	0.191922	0.243063	0.269745	0.120689	0.044979	0.212383
ENSMUSG Olfr164	0	0.042155	0	0.039821	0	0.093859
ENSMUSG Cdc42bpa	38.28052	36.13073	23.77486	22.59764	22.41132	22.275638
ENSMUSG Vmn2r81	0	0	0	0	0	0
ENSMUSG Olfr1299	0	0	0	0	0	0
ENSMUSG Olfr126	0	0	0	0	0	0
ENSMUSG Fam222a	2.564993	3.441447	2.950098	2.833375	2.940564	2.948866
ENSMUSG AW54987i	17.45132	17.29023	17.48716	15.47819	14.33538	13.557012
ENSMUSG Agrn	58.50032	50.16855	58.18982	39.30593	38.66813	41.594882
ENSMUSG Mvk	12.60381	12.19148	12.84571	13.8126	12.97179	14.746995
ENSMUSG BC035044	0.905981	1.202687	1.931715	1.882659	1.498897	2.015242
ENSMUSG Ugt1a10	0	0	0	0	0	0
ENSMUSG Ear10	0.287128	0.268157	0.053801	1.043957	1.342322	1.076674
ENSMUSG Usp28	3.521252	3.94807	3.116217	4.044606	3.441659	2.868952
ENSMUSG Msemb	0	0	0	0	0	0
Mus_musc Mus_musc	0.30286	0.307048	0	0	0.207594	0
ENSMUSG Zw10	6.728806	8.22574	7.257145	6.545794	7.173073	7.393216

Mus_musc Mus_musc	0	0	0	0	0	0	0
ENSMUSG Gm21865	0	0	0	0	0	0	0
ENSMUSG Ott	0	0	0	0	0	0	0
ENSMUSG Olfr105-ps	0	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.339441		0
Mus_musc Mus_musc	4.500177	5.036918	3.626233	3.608829	3.94969	3.892999	
ENSMUSG H2a2c	0	0	0	0	0	0	0
ENSMUSG Nkiras2	15.76575	17.99746	18.7795	18.09923	17.01505	19.998669	
ENSMUSG Bod1l	10.54203	10.02359	8.803186	8.334602	8.987747	9.353067	
ENSMUSG Sh3bgrl2	5.145897	6.142598	5.201123	5.301721	4.892873	5.954835	
ENSMUSG Kalrn	7.569939	8.749475	8.654055	8.240333	9.928104	7.327533	
ENSMUSG Dhx58	3.163494	2.153073	4.452769	3.292277	3.382986	3.161749	
ENSMUSG Armt1	4.43989	4.450801	3.86922	4.683592	4.485553	4.550363	
ENSMUSG Akr1b10	10.26131	10.7583	11.44312	10.7329	11.12688	11.569256	
Mus_musc Mus_musc	0	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.139395	0	0	0
Mus_musc Mus_musc	2.485915	1.795158	2.207651	2.243361	2.611302	1.135951	
Mus_musc Mus_musc	0	0	0.168936	0	0	0	0
Mus_musc Mus_musc	0.076415	0.355123	0.239905	0	0.246792	0.558025	
Mus_musc Mus_musc	0.050163	0	0.094209	0	0.100898	0	0
ENSMUSG Cacnb2	2.05907	1.614437	1.859193	1.865782	1.410447	1.307402	
Mus_musc Mus_musc	0.448986	0.134279	0.123995	0.292816	0	0.086485	
ENSMUSG Rhox4g	0	0	0	0	0	0	0
ENSMUSG Tmprss5	0.226028	0.070945	0.052402	0.024284	0.144453	0.069412	
ENSMUSG Olfr951	0	0	0	0	0	0	0
ENSMUSG Igkv4-62	0.195866	0	0	2.725484	13.26305	1.103561	
ENSMUSG Krtap13-1	0	0	0	0	0	0	0
ENSMUSG Gm10220	0	0	0	0	0	0	0
ENSMUSG D10Jhu81e	24.63862	24.8123	23.62008	19.42233	22.42934	21.966658	
ENSMUSG Commd5	13.09855	11.09766	10.68245	13.83686	11.54243	12.91969	
ENSMUSG Zscan4-ps	0	0	0	0	0	0	0
ENSMUSG Nipal2	6.403272	5.107363	5.216581	3.617917	3.407598	4.25927	
ENSMUSG Bpgm	26.11272	26.71969	28.27538	16.6123	16.99632	14.841926	
ENSMUSG Zfhx3	3.386526	3.361543	2.822635	2.730656	2.578166	2.837152	
ENSMUSG Clec10a	0.863557	1.385389	0.953134	4.497501	4.819804	3.691628	
ENSMUSG Rnf146	24.07482	22.67795	24.73281	18.85814	19.61741	20.276716	
ENSMUSG Myh4	0	0	0	0	0	0	0
ENSMUSG Nxf3	0.079936	0.079953	0.029896	0.066848	0.093158	0.0321	
ENSMUSG Olfr495	0	0	0	0	0	0	0
ENSMUSG Olfr65	0	0	0	0	0	0	0
ENSMUSG Srsf1	36.0514	34.60644	36.05151	36.92108	31.69968	31.817048	
ENSMUSG Cuedc1	13.87336	13.87965	13.78255	10.258	9.365862	10.157002	
ENSMUSG Cep95	3.232929	3.801164	3.366459	3.88647	3.436456	3.632653	
ENSMUSG Vezf1	24.98433	26.00636	22.10755	19.2346	19.11964	19.037363	
ENSMUSG Lsm14a	58.85492	62.09793	61.74082	46.71643	48.95149	45.15751	
Mus_musc Mus_musc	0	0	0	0	0	0	0
ENSMUSG Asap2	14.9017	12.27996	12.81278	9.089533	8.636996	8.488733	
ENSMUSG Sh2d6	0.085234	0	0.062632	0.10257	0.081112	0.329493	
ENSMUSG Adgrl1	11.0508	11.05689	11.81399	7.771918	8.409014	7.591078	
ENSMUSG Mamdc2	20.06054	16.58515	19.93729	14.08123	12.4652	12.599487	
ENSMUSG A730061H	0.72765	1.73298	1.507469	0.857736	1.005382	0.480646	
ENSMUSG Zfand2a	14.66779	13.75217	16.35003	13.13794	11.08489	13.249487	
ENSMUSG Tanc2	3.810073	5.056386	2.911435	4.944401	5.167543	5.447786	
ENSMUSG Ube2ql1	0.062513	0.078828	0.080804	0.064622	0.15297	0.073771	
ENSMUSG Srsf12	0.091681	0.065367	0.051733	0.082834	0.05747	0.073136	
ENSMUSG Tmem119	17.91721	18.88639	20.97118	15.77877	15.32943	14.236864	
ENSMUSG 1600014C	7.028104	6.692956	7.545111	8.094366	8.733094	9.202274	
ENSMUSG 5830411N	0.432159	0.196188	0.145298	1.124444	0.445783	0.659422	
ENSMUSG Pabpc1l	0	0.083644	0.087267	0.048137	0.172179	0.090919	
ENSMUSG Pla2r1	4.764173	4.482368	4.891785	2.838382	2.480695	2.245897	
ENSMUSG Gm9949	0.847314	0.738022	0.632896	0.651757	0.746964	0.557154	
ENSMUSG Gm7978	0	0	0	0	0	0	0
ENSMUSG Duox1	0.014923	0.013155	0.031112	0.141902	0.255989	0.287732	
ENSMUSG Olfr1010	0	0	0	0	0	0	0

ENSMUSG Rrp1	55.85011	54.15032	54.65445	49.99716	47.10548	51.394394
ENSMUSG Zdhhc20	13.45424	13.3481	12.9367	13.76347	13.00465	13.488487
ENSMUSG Ska3	0.188364	0.159602	0.227273	0.718698	1.086642	1.01613
ENSMUSG Prss52	0	0	0	0	0	0
ENSMUSG Mrpl57	5.07443	5.638859	5.231208	7.758023	6.601655	6.965339
ENSMUSG 4930578I0	0	0	0	0	0	0
ENSMUSG Dcp1a	6.800273	6.358438	7.185526	6.171933	6.280341	6.391249
ENSMUSG Sap18	14.45347	14.65873	15.63182	13.69006	13.12045	13.565432
ENSMUSG Kiss1	0.006374	0	0.10946	0	0	0
ENSMUSG Gm20458	0	0	0	0	0	0
ENSMUSG Ccl19	0	0.242339	0.633772	0.805774	1.448098	1.253962
ENSMUSG Olfr155	0	0	0	0	0	0
ENSMUSG Hrct1	2.419545	2.423782	2.819907	1.264374	1.167727	1.282454
ENSMUSG BC005537	43.23156	41.90209	40.16842	38.47352	38.29208	36.783623
ENSMUSG Isyna1	28.67555	28.05209	29.28873	38.94413	38.32941	44.907323
ENSMUSG Irs1	3.964309	4.455933	3.266709	2.407718	2.613591	2.317375
ENSMUSG Gm36028	0.1192	0.039873	0.207496	0.164274	0.202933	0.128819
Mus_musc Mus_musc	0	0.311459	0.417325	0.03224	0.614223	0.465934
ENSMUSG Zfp735	0	0	0	0	0	0
ENSMUSG Cd37	11.98647	9.458245	12.73296	24.62104	19.75575	23.990904
ENSMUSG Fus	38.56722	27.42441	32.71975	24.37834	30.55509	25.070141
ENSMUSG Hist1h4i	3.695969	4.720654	3.686735	6.961724	4.188123	3.70488
ENSMUSG Tead2	8.368371	9.457196	9.252486	8.615015	9.160418	6.768402
ENSMUSG Adm	4.556854	4.243783	5.619983	5.695774	4.530715	7.4879
ENSMUSG Pycard	1.078583	1.193424	1.458653	3.359751	3.782338	3.211093
ENSMUSG Dkk1	0.522201	0.786639	0.614189	1.028867	1.084571	0.651144
Mus_musc Mus_musc	0	0.257012	0.155993	0	0	0.161182
ENSMUSG Ccdc167	2.818522	3.188924	2.570408	3.362669	3.180349	3.13462
Mus_musc Mus_musc	0	0	0	0	0.125328	0.368372
ENSMUSG Lgi4	0.563642	0.709479	0.749077	1.443699	2.403002	1.805996
ENSMUSG Ppp6r2	9.489945	9.300422	8.695781	7.585183	9.285018	8.314728
ENSMUSG NdrG4	0.39488	0.862616	0.431055	0.701637	0.411151	0.467355
ENSMUSG Ttyh3	36.99611	32.14416	36.14523	28.11567	28.49491	27.768242
ENSMUSG C2cd4d	0.103624	0	0	0	0	0
ENSMUSG Phf11b	4.3252	3.648032	8.307981	7.682948	4.126153	6.012757
ENSMUSG Bical	7.946679	7.840124	6.883389	6.886138	6.769492	6.087502
Mus_musc Mus_musc	0	0	0.061943	0.396143	0.45099	0.291448
ENSMUSG Lrp1b	0	0.002841	0	0	0	0
ENSMUSG Hsd3b5	0	0	0.032719	0	0	0
ENSMUSG Atp13a4	4.2991	4.212645	3.54754	2.04237	2.505265	2.008382
ENSMUSG Sbn01	11.97796	12.02971	10.57863	11.99054	13.51113	12.010403
ENSMUSG Spry1	43.4215	36.02989	37.72654	25.35295	23.26328	22.803252
ENSMUSG Ldhb	79.44346	100.9741	68.05434	90.04278	85.87218	94.175479
ENSMUSG Golt1b	9.983449	9.303293	9.360519	10.01109	10.90799	10.145081
ENSMUSG Gys2	0	0.117257	0	0.08894	0	0
ENSMUSG Recql	10.43332	10.17899	9.836666	8.557332	7.812713	7.612571
ENSMUSG Thap1	3.179278	3.453499	3.848	3.315572	3.325897	3.392375
ENSMUSG Syn1	0.204413	0.208887	0.268668	1.742319	2.040861	2.401607
ENSMUSG Lipt1	2.017143	2.251846	2.231461	2.19728	1.484836	1.955623
ENSMUSG Abcc9	2.276657	2.055603	1.344123	1.804003	2.062825	1.690926
ENSMUSG Pappa2	0.070625	0.250822	0.122806	0.040423	0.09419	0.048553
ENSMUSG Gm7276	0	0	0	0	0	0
ENSMUSG PsmD10	9.503574	10.15595	10.21712	11.39169	10.75076	12.329739
ENSMUSG Col4a2	111.8373	94.01083	109.2651	73.68512	80.7767	78.189835
ENSMUSG Vmn2r34	0	0	0	0	0	0
ENSMUSG Vmn2r42	0	0	0	0	0	0
ENSMUSG Vmn2r30	0	0	0	0	0	0
ENSMUSG Vwce	0	0.02616	0	0	0.022041	0
ENSMUSG Olfr1173	0	0	0	0	0	0
ENSMUSG 4930503B2	0.116997	0.2236	0	0	0.033479	0.088818
ENSMUSG Igsf1	0.123632	0.299858	0.040123	0.124539	0.192351	0.057535
ENSMUSG Stk26	3.159357	3.308129	2.93468	3.597346	2.78549	3.184463
ENSMUSG Tepp	0.717671	0.70751	1.097094	0.469437	0.271671	0.3179
ENSMUSG 1700080O	0	0	0	0	0	0

ENSMUSG Gpc4	8.83042	7.341273	8.916145	6.573257	7.058534	6.843898
ENSMUSG Rsrc1	7.380087	7.442309	7.839694	7.329906	6.655508	7.235802
ENSMUSG Morc2a	9.544819	9.20353	9.407184	7.888808	7.643571	8.23851
ENSMUSG Rtbdn	0	0	0.009385	0.05153	0	0
ENSMUSG Nog	0.386712	0.22195	0.129169	0.029362	0.106839	0.223305
ENSMUSG Esp1	0	0	0	0	0	0
ENSMUSG Rnf122	6.944826	6.491643	6.324102	4.962392	4.447978	4.836669
ENSMUSG Myof	25.74925	22.54098	21.82997	38.6792	39.92501	45.823805
ENSMUSG Igfbp2	87.00734	53.39785	111.8578	55.3169	55.89782	66.27076
ENSMUSG Uts2r	0	0	0	0	0	0
ENSMUSG Trim40	0	0.080003	0.143517	0.035526	0	0.080953
ENSMUSG Pon3	69.02291	78.82328	54.91606	78.37322	78.9674	77.080057
ENSMUSG Asns	10.80036	11.4552	11.39188	8.87304	8.157736	9.15321
ENSMUSG Dync1i1	0.111198	0.161073	0	0	0.014081	0
ENSMUSG Dlx5	0	0	0.035615	0	0	0
ENSMUSG Dlx6	0	0	0	0	0	0
ENSMUSG Usp16	15.30362	14.51897	16.1844	14.30435	14.04252	13.99979
ENSMUSG Btbdb3	32.38232	31.22784	29.06629	19.30934	24.0255	19.148146
ENSMUSG Bach1	16.86745	17.3682	15.16502	14.28537	14.62154	13.621212
ENSMUSG Cct8	40.65939	43.23899	47.24939	42.82035	42.35802	43.884159
ENSMUSG Map3k7cl	1.326578	1.117435	1.700355	3.064244	3.158231	2.675272
ENSMUSG Rps29	138.2366	147.4293	172.1423	201.6896	147.5173	170.4044
ENSMUSG Msl1	33.19489	31.39127	31.944	27.58029	27.96667	27.589388
ENSMUSG Prkch	43.15444	39.34993	42.77205	24.75147	28.47524	24.380498
ENSMUSG Sncb	0	0	0	0.038255	0.097423	0
ENSMUSG Glrx5	6.343577	6.163403	6.570698	4.968354	5.704051	6.914216
ENSMUSG Mnat1	7.896608	7.291416	7.602767	5.646725	6.108282	5.753021
ENSMUSG Filip1	3.991608	3.845708	2.53612	2.347458	2.42342	2.830464
ENSMUSG Mlh1	4.095377	4.352913	3.5126	4.559032	3.979445	4.159768
ENSMUSG Nradd	6.465517	6.420114	6.21866	5.787858	5.603503	5.933315
ENSMUSG Pth1r	0.643102	0.967592	0.803014	1.192733	1.153459	0.850833
ENSMUSG Prss44	0	0	0	0	0.026104	0
ENSMUSG Tdgf1	0.143248	0.588059	0.387317	0.195633	0.15693	0.151677
ENSMUSG Lrrc2	0.607061	1.331045	0.53783	0.564223	0.64409	0.39014
ENSMUSG Ltf	0.830056	8.474032	0.524512	22.38614	18.74097	22.60033
ENSMUSG Lrrfip2	33.28542	27.69367	28.97882	24.18528	23.67988	24.740027
ENSMUSG Bhmt2	0	0	0	0	0	0
ENSMUSG Ccdc115	11.429	10.5944	12.71956	13.21308	12.89136	12.115188
ENSMUSG Vwa1	1.347515	1.456853	1.336568	1.362494	1.343896	1.908359
ENSMUSG Prr15	2.60245	3.690452	2.212158	3.009063	3.210836	2.98233
ENSMUSG Klhdc8a	1.341106	1.193629	1.308519	1.842232	1.691733	2.110829
ENSMUSG Hnrnpa0	50.7515	34.0173	39.91767	35.97274	42.25884	42.802322
ENSMUSG Prrg2	12.05167	13.6448	11.88057	13.43862	13.50411	13.987207
ENSMUSG Spocd1	0	0	0.043718	0	0	0.032542
ENSMUSG Aldh16a1	7.744016	7.625147	7.36924	8.619557	7.372572	9.047649
ENSMUSG Clip4	9.17637	9.690706	7.579275	11.43492	7.997455	13.198361
ENSMUSG Bsph1	0	0	0	0	0	0
ENSMUSG Sult2a4	0	0	0	0	0	0
ENSMUSG Ndc80	0.364017	0.456969	0.638711	1.423715	1.745638	1.529809
ENSMUSG Sult2a3	0	0	0	0	0	0
ENSMUSG Smchd1	9.654382	9.414178	7.978412	9.313018	10.54739	9.914807
ENSMUSG Emilin2	5.936652	5.478113	8.087539	7.87818	8.904322	9.90631
ENSMUSG Lpin2	54.48881	58.82719	47.94335	33.37292	37.03849	28.624345
ENSMUSG Wiz	14.60265	14.02054	12.61811	11.60313	11.51598	13.028859
ENSMUSG Gm7735	0	0	0	0	0	0
ENSMUSG 1110057P	0	0	0	0	0	0
ENSMUSG Ffar1	0.229151	0.225717	0.196731	0.298432	0.431561	0.424047
ENSMUSG Zfp507	4.379814	4.221599	3.615562	3.643992	3.570011	4.013537
ENSMUSG Olfr867	0	0	0	0	0	0
ENSMUSG Rin3	38.76241	34.13011	38.73623	24.9975	24.72549	24.221514
ENSMUSG Ptp4a2	57.81336	59.62893	61.63638	63.03084	62.16124	58.666292
ENSMUSG Hist1h1b	0.220677	0.052752	0.053205	0	0.052766	0.130641
ENSMUSG Olfr1308	0	0	0	0	0	0
ENSMUSG Olfr1305	0	0	0	0	0	0

ENSMUSG Nkx2-6	0	0	0	0	0	0
ENSMUSG Cpa3	0.503234	0.3034	0.507042	1.802611	0.974434	1.02046
ENSMUSG Aif1l	1.626589	1.771215	1.844992	2.66607	2.572846	3.040787
Mus_musc Mus_musc	0	0	0	0.180678	0	0
Mus_musc Mus_musc	0.218612	0	0	0	0	0.100392
ENSMUSG Prdm11	5.428268	4.958316	4.939526	3.642667	3.464949	3.422926
ENSMUSG Rae1	16.19798	13.78749	16.18969	13.36625	15.05539	16.649029
Mus_musc Mus_musc	0	0	0	0.19073	0	0.187308
ENSMUSG Gm10803	0	0	0	0	0	0
ENSMUSG Fam209	0.041755	0.079808	0.045259	0.047618	0.063657	0.116106
ENSMUSG Tpd52	16.73509	19.84197	15.7026	18.42764	24.60298	29.236406
ENSMUSG Stmn2	30.16671	32.73109	34.72873	20.87375	22.54096	22.098974
ENSMUSG Rtf2	32.72967	34.26717	33.49077	33.12602	34.79929	34.808868
ENSMUSG Accsl	0	0	0	0	0	0
ENSMUSG Eps8l3	0.081058	0.128829	0.047385	0.175932	0.147479	0.079968
ENSMUSG Nlrp4a	0	0	0	0	0	0
ENSMUSG Bace2	2.078478	2.030854	1.923124	2.594607	2.410678	2.499041
ENSMUSG Kazn	9.955482	8.242763	9.281456	6.942645	5.083252	5.531245
ENSMUSG Olfr271-ps	0	0	0	0	0	0
ENSMUSG Defa27	0	0	0	0	0	0
ENSMUSG 4931429L1	0	0	0	0	0	0
ENSMUSG Rims3	1.052537	1.321356	0.928253	1.255459	0.953941	0.760908
ENSMUSG Epg5	4.299844	4.150749	3.833359	3.971947	3.590199	4.156397
ENSMUSG Olfr638	0	0	0	0	0	0
ENSMUSG Gm21541	0	0.294447	0.430135	0.682121	0.12693	0
ENSMUSG Fam205a2	0.006624	0.019385	0.026729	0.019916	0.011069	0.007012
ENSMUSG B4gat1	17.59762	15.20087	18.7417	12.82153	14.35256	13.548867
ENSMUSG Zfp768	9.984107	9.761594	9.565457	8.816768	9.291397	8.183715
ENSMUSG Cfh	58.6213	66.89452	57.38787	70.23941	72.44141	69.093264
ENSMUSG Cdc73	5.006633	5.81086	4.632344	4.528768	4.311877	4.212441
ENSMUSG Rgs2	21.76806	14.67389	23.13536	20.7289	22.98479	15.492732
Mus_musc Mus_musc	0	0.097664	0	0.507364	0.575044	0.262265
ENSMUSG F13b	0	0	0	0	0.01648	0.020439
ENSMUSG Calm1	175.8172	180.1187	183.493	165.1068	168.3022	173.06426
Mus_musc Mus_musc	0.38523	0.121935	0.671945	0.755009	0.573026	0.258401
ENSMUSG Hsp90b1	182.8436	196.8128	229.8965	434.2218	469.9695	438.39395
ENSMUSG Sowahc	13.08807	13.848	12.69128	14.05547	14.49544	15.268349
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Pigv	5.02281	5.383188	5.146765	4.228247	5.112286	4.194236
Mus_musc Mus_musc	0.389731	0.565419	0.175934	0.385846	0.457598	0.180962
Mus_musc Mus_musc	0	0	0	0	0	0.047098
Mus_musc Mus_musc	2.901079	3.152493	2.754151	3.653372	3.777553	4.270838
Mus_musc Mus_musc	0	0	0.377332	0	0.40609	0.026216
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.373385	0.104709
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0	0.286403	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.281133	0.412838	0.157691	0.5827	0.511624	0.680676
ENSMUSG Saal1	1.913343	2.058958	1.661777	1.636646	2.011918	1.985982
ENSMUSG Tph2	0	0	0	0	0	0
ENSMUSG Olfr798	0	0	0	0	0	0
Mus_musc Mus_musc	1.240519	0.862923	1.110786	2.583491	2.165133	2.12727
Mus_musc Mus_musc	0.555685	0.311278	0.666183	0.270287	0.409153	0.214733
ENSMUSG Pym1	9.002839	8.787893	9.667366	9.500334	8.520755	11.527814
Mus_musc Mus_musc	0	0.237891	0.422107	0	0.156674	0.080013
ENSMUSG Ccr1l1	0	0	0	0.009104	0.038908	0.071084
Mus_musc Mus_musc	0	0.116714	0	0	0	0
Mus_musc Mus_musc	0	0	0.196662	0.261024	0	0
ENSMUSG Vmn1r184	0	0	0	0	0	0
ENSMUSG Fbrsl1	8.439154	7.592303	7.797506	6.952995	8.050072	8.956242
ENSMUSG C130073F	0	0	0	0	0	0
ENSMUSG 9930021J0	6.851989	7.776322	6.375626	5.663417	6.104908	5.863773
ENSMUSG Patl1	12.62711	11.51952	12.11995	10.05829	9.756431	10.825139

Mus_musc Mus_musc	0.133502	0.275699	0	0	0	0
Mus_musc Mus_musc	0	0	0.3253	0.423074	0.564477	0.191821
Mus_musc Mus_musc	0.252089	0.31587	0.681239	0.418108	0.336629	0.386986
ENSMUSG Cct3	42.88091	51.30949	51.06808	42.72177	45.79864	46.907113
ENSMUSG Smg5	14.75696	15.69276	15.83951	15.41772	16.88077	16.916327
ENSMUSG Olfr1274-1	0	0	0	0	0	0
ENSMUSG Glmp	17.72542	16.91979	17.58159	20.16735	20.84172	22.62318
ENSMUSG Mef2d	23.49884	21.48506	23.02983	18.68446	17.76002	19.25366
ENSMUSG Gprin3	2.786401	3.988503	2.18126	4.257438	3.621035	3.694879
ENSMUSG Insm2	0	0	0	0	0	0
ENSMUSG Zpbp2	0.103853	0	0	0.275917	0.203717	0.191428
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0	0.236855	0.172246	0.124253
Mus_musc Mus_musc	0	0	0	0.080938	0.453851	0.263001
Mus_musc Mus_musc	0	0	0	0.01989	0.279342	0.26433
Mus_musc Mus_musc	0	0	0	0.231852	0	0.100416
ENSMUSG Gm45902	0.932821	0.659577	0.693068	0.60184	0.452899	0.7093
ENSMUSG Ywhag	46.10055	52.02436	53.54441	47.20277	47.16763	52.057106
ENSMUSG 4930447Fc	0	0	0	0	0	0
ENSMUSG Zfp687	6.738593	7.018495	6.729771	7.072945	6.851838	7.428106
ENSMUSG Aym1	0	0	0	0	0	0
ENSMUSG Fpgt	5.042802	5.751376	5.082107	4.343603	4.255609	4.499291
ENSMUSG Srcap	17.25382	10.57959	8.77559	10.69621	12.65651	9.797554
ENSMUSG Bend7	16.90109	16.45495	13.02044	11.51327	11.75156	12.102985
ENSMUSG Gm7075	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.224268	0.080967	0.019611	0.036275	0.025608
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Pdf	10.32071	8.75914	8.531108	7.042298	10.57062	8.802315
ENSMUSG Cd70	0	0	0	0	0	0
ENSMUSG CN725425	0	0	0	0	0	0
ENSMUSG 1700025C	0	0	0	0	0	0.033322
ENSMUSG 9230113P	0	0	0	0	0	0
ENSMUSG Cpt1b	0.398075	1.786261	0.191772	0.390112	0.136708	0.142687
ENSMUSG Syce3	0	0	0	0	0	0
ENSMUSG Trip10	38.51594	37.98749	41.45124	24.26192	25.03741	25.6429
ENSMUSG Trim65	8.123651	10.92807	9.772888	7.075846	7.280507	7.257975
Mus_musc Mus_musc	1.137888	0.533219	0.389644	0.514104	0.261594	0.376274
Mus_musc Mus_musc	0.496992	0.347818	0.460393	0.135554	0.208327	0.658293
ENSMUSG Pcp4	0.204291	0	0.180285	0.591584	0.52523	0.171263
ENSMUSG Yeats2	6.258689	6.504606	5.87602	5.210319	5.676137	5.181489
ENSMUSG Clvs1	0	0	0.009244	0.014661	0.007161	0
ENSMUSG Arhgap11a	1.611484	1.275978	1.373795	2.924731	3.359066	3.632621
ENSMUSG Gm3045	0	0	0	0	0	0
ENSMUSG Slc38a5	9.629573	8.23068	11.09678	6.407515	7.107399	6.018694
Mus_musc Mus_musc	0.907743	0.935214	0.657189	0.504682	0.517635	0.357282
ENSMUSG Jmjd6	19.24676	21.41439	24.11404	12.37852	13.68022	17.052355
Mus_musc Mus_musc	0	0	0	0	0.071444	0
ENSMUSG Olfr919	0	0	0	0	0	0
ENSMUSG Gjc3	0	0.03825	0.029971	0.022567	0.00989	0.027442
Mus_musc Mus_musc	0	0	0	0.348032	0	0
ENSMUSG Med4	16.04714	18.22337	18.02039	13.78174	15.17719	14.028113
ENSMUSG ltm2b	829.9078	822.8357	942.1248	662.7751	646.1174	637.89998
ENSMUSG Rcbtb2	12.64516	12.62708	13.27431	16.67503	15.28052	18.393412
ENSMUSG Rb1	11.75819	11.06111	10.94513	11.72377	11.66163	10.777798
ENSMUSG Numa1	42.55789	41.38412	39.62278	34.84584	36.6443	34.996912
ENSMUSG Gfra2	10.08315	9.627174	13.51332	9.425352	9.127868	8.120298
ENSMUSG Dok2	5.966576	4.370794	12.1187	16.51467	14.01396	15.628229
ENSMUSG Fgf17	0	0	0	0.025036	0	0.02759
ENSMUSG Xpo7	8.180024	10.1139	5.725609	5.082871	5.587375	5.039714
ENSMUSG Khl26	12.6515	11.48589	12.80281	10.75994	10.05224	10.888194
Mus_musc Mus_musc	0.41957	0.292008	0.444051	0	0	0.223071
Mus_musc Mus_musc	0.191173	0.280939	0.151131	0.309785	0.478982	0.167377
Mus_musc Mus_musc	3.85171	4.098913	4.431801	3.228383	4.779244	4.646291
Mus_musc Mus_musc	7.162338	6.740138	5.961061	6.849276	7.089477	6.991764

Mus_musc Mus_musc	0	0.047953	0.083485	0.185521	0.132727	0.133924
Mus_musc Mus_musc	0.798848	0.738483	0.854537	1.141271	0.991119	0.721672
Mus_musc Mus_musc	0.30085	0.478744	0.336183	0.729128	0.67536	0.238566
ENSMUSG Gm2564	0	0	0.105442	0.113555	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG 1700034J0	0	0.014471	0	0	0	0
ENSMUSG Cd209c	0.518724	0.952969	0.767623	0.319889	0.263015	0.154716
ENSMUSG Kcns1	0.020245	0	0.048712	0.038881	0	0
ENSMUSG lkzf5	10.50049	10.61417	8.811456	7.75747	7.480957	7.466183
Mus_musc Mus_musc	0	0	0	0.156442	0	0
ENSMUSG Vmn2r52	0	0	0	0	0	0
ENSMUSG Gon7	1.850713	3.375491	3.110421	3.824263	3.82815	3.728785
ENSMUSG Gm8857	0	0	0	0.270973	0.085384	0
ENSMUSG Gm3646	0	0	0	0	0	0
Mus_musc Mus_musc	0.265296	0.129045	0	0.325194	0.239691	0.567535
Mus_musc Mus_musc	0	0.290259	0	0	0.509305	0
Mus_musc Mus_musc	0.103417	0	0.07363	0.373306	0.182692	0.431141
Mus_musc Mus_musc	0	0	0	0	0	0.138281
Mus_musc Mus_musc	0.100017	0.303694	0	0.057124	0.467866	0.164312
Mus_musc Mus_musc	1.840621	2.001739	2.51424	1.372207	1.480859	1.195644
ENSMUSG Chd4	46.9857	45.66982	44.27406	46.12963	47.2021	48.178422
ENSMUSG Pkd2l2	2.359267	2.600108	2.587275	3.021416	2.289704	2.38063
ENSMUSG Pgam1	56.01716	55.56541	57.13119	72.55386	75.37809	81.430626
ENSMUSG Slc24a3	3.242665	4.451626	3.585204	4.176661	3.884609	3.119034
ENSMUSG Srp19	25.46981	20.70618	23.44308	32.19071	28.03164	26.346921
Mus_musc Mus_musc	0	0.305563	0	0	0	0
ENSMUSG Nsrp1	7.12871	6.301465	7.690012	6.699454	6.46983	6.65615
ENSMUSG Gm7544	0	0	0	0.006305	0	0
ENSMUSG Mex3b	2.279356	2.162492	2.599703	2.601684	2.902189	2.413306
ENSMUSG Vmn1r10	0	0	0	0	0	0
ENSMUSG Paip1	24.35562	27.85173	27.10762	22.90065	21.82857	22.799528
ENSMUSG Nnt	15.65652	15.86247	13.86868	14.72335	14.97738	14.634421
ENSMUSG Vmn1r46	0	0	0	0	0	0
ENSMUSG Med9	12.77213	11.33795	11.272	10.72085	10.21898	12.065161
ENSMUSG Cadps2	14.82047	11.84638	10.72128	10.96878	6.90754	9.91537
ENSMUSG Olfr197	0	0	0	0	0	0
ENSMUSG Olfr1432	0	0	0	0	0	0
ENSMUSG Metrnl	7.880891	7.450322	8.630214	16.16656	14.66388	20.554653
ENSMUSG Rpl39l	0	0.094886	0	0	0.069575	0
ENSMUSG Atf7ip2	0	0.016664	0	0	0	0
ENSMUSG Tbc1d25	5.429584	4.769204	4.952728	3.838147	4.613437	4.226745
ENSMUSG Gm49380	0.034288	0.012816	0	0.02193	0	0.094084
ENSMUSG Ciz1	18.13648	18.18637	21.10945	16.8627	18.15972	16.851791
ENSMUSG Dagl1b	5.019742	4.104899	5.133002	10.87692	9.635893	11.46392
ENSMUSG Gm21708	0	0	0	0	0	0
ENSMUSG Gm21964	0	0	0	0	0	0
ENSMUSG C130074G	39.69904	40.44296	37.9321	28.80068	27.02149	25.583319
ENSMUSG Gpr132	2.436138	2.026508	3.896893	3.932568	3.360731	3.991847
ENSMUSG Kif13b	8.911414	8.947995	9.032812	7.792438	8.321701	8.380642
ENSMUSG Olfr121	0	0	0	0	0	0
ENSMUSG Ap5s1	5.857192	5.824622	6.130017	7.710239	8.31826	8.482094
ENSMUSG Gm10073	3.770485	4.321904	6.030271	5.144879	6.164611	5.328775
ENSMUSG Cenpb	73.22035	68.70696	63.8388	54.78861	52.84115	51.716988
ENSMUSG Kif26a	10.4572	9.069171	8.931174	6.224008	5.696221	5.81659
ENSMUSG Efcc1	4.141421	3.499818	3.347008	2.931813	3.165198	3.854104
ENSMUSG Myf6	0	0	0	0	0	0
ENSMUSG H2-Q4	133.4261	101.9648	335.4084	200.2937	121.6714	150.97328
ENSMUSG Hsd17b13	0	0	0	0	0	0
ENSMUSG Myocos	0	0	0	0	0	0
ENSMUSG Dnah6	3.516999	4.281931	1.984319	4.948774	5.116587	5.202358
ENSMUSG Gm10118	0	0	0	0	0	0
ENSMUSG Rhpn2	12.79632	11.36683	12.22534	8.823196	7.983469	9.558346
ENSMUSG Slc7a10	10.44194	10.29005	13.69989	8.28959	5.638138	4.859147
ENSMUSG Tex28	0	0	0	0	0	0

ENSMUSG Arid5a	5.035265	5.006349	6.985844	5.554502	5.778093	6.690674
ENSMUSG Tbc1d16	10.99009	11.76757	10.69347	11.58976	11.81508	12.882629
ENSMUSG Deup1	0.638492	0.622255	0.429049	1.985432	2.122214	2.399279
ENSMUSG Angel1	2.59984	1.95075	2.092834	2.026588	2.081013	1.998875
ENSMUSG Cep5711	1.942557	1.986004	1.864907	2.215611	2.091568	2.201498
ENSMUSG Fuca2	14.07088	16.40994	16.20048	16.74568	19.93481	19.410555
ENSMUSG Plagl1	10.17949	8.62289	11.33694	5.547781	4.93027	6.845606
ENSMUSG Zc2hc1b	0	0	0	0	0	0
ENSMUSG Ltv1	7.155714	6.753969	8.576177	6.480917	7.266819	8.506044
ENSMUSG Cd164	110.0923	106.6383	102.9818	89.21066	93.38698	87.657767
ENSMUSG Lipe	21.45455	22.74927	30.06804	21.84774	18.46713	17.794414
ENSMUSG Hcfc2	9.743285	10.27535	8.504704	8.566192	8.87013	7.746877
ENSMUSG Col6a2	34.80078	34.13375	36.84772	54.32188	58.86124	64.843923
ENSMUSG Nfyb	7.471983	8.267731	7.486725	8.050973	6.747523	7.113736
ENSMUSG Pgs1	29.29967	32.46159	31.4746	28.83939	29.45431	30.787105
ENSMUSG Gm4450	0	0.083576	0.093703	0.026196	0	0
ENSMUSG Atpif1	55.38046	58.77407	71.16302	78.97124	70.89442	73.643008
ENSMUSG Samd15	0.119296	0.138051	0.24364	0.160746	0.255428	0.346878
ENSMUSG Cadps	0	0	0	0.018471	0.04075	0.00865
ENSMUSG Fabp1	7.523978	9.221583	9.146687	0.708398	1.508619	0.706021
ENSMUSG Pcdhgb7	3.73261	3.186417	2.743398	2.693496	2.107435	2.782178
ENSMUSG Trmt13	2.099278	3.051212	2.130228	2.807401	2.094413	2.703928
ENSMUSG Gtpbp6	13.72088	14.78788	17.04459	13.41062	13.37406	12.192219
ENSMUSG Gm16451	0	0	0	0	0	0
ENSMUSG Armcx2	8.417032	7.562239	7.19586	6.894905	7.285732	6.872815
ENSMUSG Terf2ip	8.109014	8.4659	7.901229	7.551071	7.329746	6.507336
ENSMUSG Mrpl47	3.417068	3.655583	3.162344	3.241842	3.319079	3.339226
ENSMUSG Rapgef6	10.2685	10.67537	9.108055	10.41559	9.708743	9.939715
ENSMUSG Fbxo34	6.561644	6.232551	5.201797	6.172023	5.953355	6.559151
ENSMUSG H2-M11	0	0	0	0	0	0
ENSMUSG S100a11	310.1397	319.6801	305.4376	296.6859	295.3078	331.40424
ENSMUSG Luc7l3	23.48574	26.10135	29.64531	26.18341	20.87913	23.99642
ENSMUSG Cacna1g	0.024	0.077366	0.051509	0.046644	0.046345	0.059169
ENSMUSG Spata20	0.030635	0.014391	0.069902	0.039215	0	0
ENSMUSG Ankrd40	58.11679	59.01539	57.75629	44.91259	42.91668	44.48204
ENSMUSG Abcc3	10.32598	10.30474	8.632338	6.662648	6.65609	7.093885
ENSMUSG Xylt2	8.955149	8.721118	9.116785	7.713638	7.605517	7.748746
ENSMUSG Lrrc59	33.15979	32.65649	31.8401	39.83315	46.7738	49.389191
ENSMUSG Hoxc5	0.115598	0.114188	0	0.040423	0.124355	0.035917
ENSMUSG Cyt11	57.0742	62.25864	63.1549	36.29595	35.48953	35.679184
ENSMUSG Rpl17	51.49739	50.43155	57.95153	60.50989	59.28836	60.669525
ENSMUSG Gm10340	0	0	0	0	0.118824	0
ENSMUSG Sphkap	0.175925	0.2523	0.133239	0.100901	0.149045	0.100722
ENSMUSG Nhej1	1.673355	1.738141	0.979284	1.49525	2.110415	1.657152
ENSMUSG T	0	0	0	0	0	0
ENSMUSG Olr1	5.014733	4.208578	3.674882	10.82811	12.05062	11.657927
ENSMUSG Tmem52b	0	0	0.017616	0	0.108498	0.031434
ENSMUSG Gabarapl1	104.277	105.5871	102.4885	82.05878	82.43435	81.116591
ENSMUSG Rad52	3.758939	3.274228	3.924568	3.643658	4.265639	4.284409
ENSMUSG Klrc1	1.306632	0.719047	5.023369	1.811425	0.614842	0.852171
ENSMUSG Klrd1	3.366469	1.994953	6.966602	2.523658	0.992448	1.962746
ENSMUSG Adipor2	40.97272	44.38031	36.91695	35.18319	39.11622	38.745104
ENSMUSG Mydgf	20.42203	20.64821	20.81145	25.26735	25.95379	27.415157
ENSMUSG Ptk6	0.273255	0.456653	0.214639	0.354259	0.222523	0.233016
ENSMUSG Dlgap1	0	0.044208	0.006171	0.034223	0.058117	0.019746
ENSMUSG Ctnna3	0.149016	0.168677	0.158429	0.20242	0.201498	0.333256
ENSMUSG Elovl3	0	0	0	0.03273	0	0
ENSMUSG Ttl6	0.898748	1.02186	0.959536	1.120598	1.35802	1.328775
ENSMUSG Nup205	5.584698	5.898612	5.572772	6.155197	6.218733	7.367637
ENSMUSG Sult2b1	0.77595	0.573449	1.16808	0.627761	0.85245	1.113722
ENSMUSG Car11	0.450682	0.947079	0.579286	0.814857	0.34488	0.651334
ENSMUSG Nrep	38.13918	34.60318	27.82469	18.981	15.50027	15.000537
ENSMUSG Alkbh6	14.73356	13.72329	17.41795	12.82645	13.80657	14.392233
ENSMUSG Olfr617	0	0	0	0	0	0

ENSMUSG Epc2	13.55583	13.4405	12.40677	9.848031	10.47254	9.998739
ENSMUSG Dll3	0	0	0	0	0.080154	0.123893
ENSMUSG Sgms2	2.078179	2.140632	1.735994	1.496491	1.969446	2.707734
ENSMUSG Paf1	32.45922	30.66567	33.15223	24.94226	27.44856	26.216146
ENSMUSG Tmsb4x	1822.831	1736.314	2085.774	1930.574	1783.543	1820.2887
ENSMUSG Helq	2.642309	2.14935	2.991202	2.120184	2.651313	2.200567
ENSMUSG Upp2	0.063079	0.052322	0.028877	0.052691	0.022421	0
ENSMUSG Amh	0.228088	0.045276	0.185526	0.133065	0.095358	0.22731
ENSMUSG Cyp11b1	0	0	0	0	0	0
ENSMUSG Cytip	12.1339	13.01841	12.75274	14.42077	13.83197	13.295503
ENSMUSG 1700007K	7.846144	10.87956	8.897235	17.0613	14.6181	15.285115
ENSMUSG 3425401B	0.191489	0.279965	0.120969	0.132198	0.146204	0.203578
ENSMUSG Col5a1	3.365508	3.257962	3.435839	4.272742	4.2001	4.936578
ENSMUSG Acvr1	10.30409	10.40434	9.021659	7.855031	7.861673	8.384979
ENSMUSG Pkig	41.12165	43.1384	46.86415	51.00178	52.81838	53.068958
ENSMUSG Acvr1c	0	0.014552	0.008371	0.02868	0	0.020867
ENSMUSG Fam178b	0.896851	0.78018	1.070421	0.583594	0.435411	0.498039
Mus_musc Mus_musc	0	0.047889	0.250492	0	0	0.184186
ENSMUSG Eif2b1	10.34351	10.0058	10.31056	9.37854	9.807686	10.230302
ENSMUSG Ddx55	4.350067	4.87112	5.33369	4.250111	3.904342	4.217208
ENSMUSG Cfap100	3.551385	3.803587	2.186365	4.060879	3.45609	3.527563
ENSMUSG Adam19	9.370862	12.00124	11.02976	15.89575	18.42875	17.76845
ENSMUSG 2010109A	0.154124	0.053123	0	0.204445	0	0
ENSMUSG Ccng2	21.06592	23.97295	21.25728	23.00445	26.49682	22.072593
ENSMUSG Gtf2h3	4.832227	5.289395	5.229403	4.903463	5.102004	5.420869
ENSMUSG Cxcl1	7.307379	2.008935	1.734919	7.124619	6.133873	5.59787
ENSMUSG Shroom3	31.56891	29.52935	29.21811	21.0937	20.8275	21.059554
ENSMUSG Gpat2	0.091869	0.115791	0	0.105482	0.177173	0.147181
Mus_musc Mus_musc	0.350077	0.345589	0.358773	0.206782	0.464421	0.47864
ENSMUSG Lcn6	0	0	0	0	0	0
ENSMUSG Gne	13.92176	16.10336	12.435	14.4786	15.22325	16.052695
ENSMUSG Clta	122.9946	113.5867	118.3464	142.1251	159.2986	156.10025
ENSMUSG Tcf21	64.34285	66.83325	81.92357	53.25858	48.74525	38.61752
ENSMUSG Spaar	1.431818	1.572965	1.473416	2.272602	1.705909	2.061254
ENSMUSG Reck	19.37398	18.99796	21.30022	10.80427	12.21266	10.834414
ENSMUSG Hint2	21.95699	20.74625	19.86717	20.17817	17.33561	19.848734
ENSMUSG Pcdhb4	0.359323	0.302019	0.523575	0.361746	0.337181	0.266817
ENSMUSG Ranbp3l	0.101636	0.068582	0.045159	0.04288	0.028172	0.04131
ENSMUSG Plekha8	3.802482	3.960211	3.577039	3.329236	3.355254	3.240615
ENSMUSG Scn4b	0.127757	0.520167	0.107153	0.179325	0.361356	0.192893
ENSMUSG Timm29	13.67588	13.48195	13.44877	13.0302	14.57044	11.879281
ENSMUSG Olfr231	0	0	0	0	0	0
ENSMUSG Crip2	373.5401	345.8165	352.8134	200.2913	208.0785	208.65796
ENSMUSG Setd1a	11.52147	10.39035	10.69522	9.563467	9.058199	9.13247
ENSMUSG Plk5	0.743939	0.845982	0.68224	1.012583	1.338934	1.210717
ENSMUSG Sgsm3	14.00933	13.77368	13.3426	10.74599	11.26439	10.952543
ENSMUSG Ehbp1	6.258071	6.624237	5.270105	4.720547	4.801737	4.836446
ENSMUSG S100a14	6.154465	6.567386	7.383372	7.273114	7.133878	7.947727
ENSMUSG Tmem183	16.18825	16.70028	17.15941	15.68638	17.0675	16.172909
ENSMUSG Tas2r134	0	0	0	0	0	0
ENSMUSG 4930579FC	0	0	0	0	0	0
Mus_musc Mus_musc	0.104389	0.215424	0.113998	0.080439	0.120342	0.079793
ENSMUSG Thsd4	5.264355	4.849193	4.474172	3.711369	4.219418	3.498982
ENSMUSG Imp3	41.5407	24.57659	29.73642	28.4991	35.92514	37.216789
ENSMUSG Hagh	22.14495	20.36999	23.33988	22.08871	23.28168	21.351283
ENSMUSG Gm17604	0	0	0	0	0	0
ENSMUSG Tle3	16.43181	16.8722	18.84609	18.96193	17.11667	22.321413
ENSMUSG 9230102O	0	0	0	0	0	0
ENSMUSG Msh2	7.854307	8.891771	7.559418	7.061754	7.507754	6.652119
ENSMUSG Dnaja4	18.8689	27.48558	21.04751	20.02684	22.64899	21.026102
ENSMUSG Zbtb9	0.450465	0.843525	0.989845	2.021372	1.973675	2.469706
ENSMUSG Gm595	0	0	0	0	0	0
ENSMUSG Meiob	0.049075	0.107164	0.11437	0	0	0
ENSMUSG Nxp4	0.307599	0.114879	0.238836	0.356499	0.138333	0.251184

ENSMUSG Gm9789	0	0	0	0	0	0
ENSMUSG Dnajc21	9.962518	11.17555	10.39413	9.663007	9.248295	8.82335
ENSMUSG Defb13	0	0	0	0	0	0
ENSMUSG Nkx2-3	0	0	0	0	0	0.020669
ENSMUSG Grsf1	21.64661	23.78068	21.3814	19.94092	21.35604	21.812013
ENSMUSG Txnl4b	4.758787	4.110342	4.622594	4.362833	4.590458	4.918163
ENSMUSG Hp	465.8955	514.1118	367.3888	338.317	333.5859	349.44849
ENSMUSG Pkx	22.52403	23.51779	25.87745	23.42786	23.23105	23.314914
ENSMUSG Vmn1r101	0	0	0	0	0	0
ENSMUSG Lgals3bp	39.34542	27.24583	53.67926	52.48516	54.63849	59.909195
ENSMUSG Rbm46	1.534302	1.058965	1.130456	1.130582	0.617532	1.252883
ENSMUSG D3Ertd254	2.936133	2.788869	2.406747	2.308784	2.468771	2.582914
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0.379401	0.348379	0.553155	0.440797	0.202359	0.063806
ENSMUSG Kcnk12	0.876081	0.595483	0.135335	0.765071	0.803635	1.079989
ENSMUSG Scnn1g	72.83257	64.49993	71.73339	45.73317	48.1278	42.64035
ENSMUSG Ins2	0	0	0	0	0	0
ENSMUSG Olfr430	0	0	0	0	0.029354	0
ENSMUSG Sarm1	0.197456	0.172371	0.225468	0.158788	0.113749	0.141923
ENSMUSG Polr2a	37.38475	35.46928	33.84066	32.99673	33.19328	33.543488
ENSMUSG Zfp821	7.935413	7.140686	7.589324	4.436122	6.728503	4.793801
ENSMUSG Olfr1055	0	0	0	0	0	0
ENSMUSG Olfr1056	0	0	0	0	0	0
ENSMUSG Olfr1066	0	0	0	0	0	0
ENSMUSG Olfr1057	0	0	0	0	0	0
ENSMUSG Olfr1058	0	0	0	0	0	0
ENSMUSG Olfr1061	0	0	0	0	0	0
ENSMUSG Ppp2r2d	14.51698	15.63067	14.49548	13.19396	13.17386	13.802872
ENSMUSG Gpr155	16.96418	18.49599	11.82745	11.42851	11.02379	8.859204
ENSMUSG Tpp2	12.91429	12.93371	12.00137	14.179	14.57603	14.284444
ENSMUSG Ubac2	14.79729	15.99402	16.57178	16.85703	14.69144	16.390566
ENSMUSG Rabac1	238.1415	240.3095	242.6277	193.4598	186.5089	187.23695
ENSMUSG Fxyd2	0.73963	0.862008	0.518067	0.729106	0.860306	0.994081
ENSMUSG Olfr434	0	0	0	0	0	0
ENSMUSG Tas2r125	0	0	0	0	0	0
ENSMUSG Adad1	0	0	0	0	0	0
ENSMUSG Ii21	0	0.013311	0	0.209306	0.193985	0.191321
ENSMUSG Ccna2	0.730499	0.779112	1.146773	3.300214	4.898163	4.942256
ENSMUSG Exosc9	8.666896	9.381032	8.376658	9.734889	7.991967	7.714445
ENSMUSG Trpc3	0.943618	0.608882	0.877837	0.589789	0.413159	0.402228
ENSMUSG Acad9	7.886225	7.395647	7.132528	7.110045	7.041992	6.92702
ENSMUSG 1810062G	0.294122	0.433463	0.313765	0.654811	0.515616	0.524484
ENSMUSG Anxa5	211.0663	195.8404	227.9314	160.1729	160.6177	172.22089
ENSMUSG Naalad2	2.415369	2.587558	3.480725	1.64683	1.850773	1.880706
ENSMUSG Wdfy3	14.98839	14.89419	11.80285	10.734	11.96921	11.591924
ENSMUSG Adam6a	0	0	0.001123	0	0	0.120353
ENSMUSG Olfr691	0	0	0	0	0	0
ENSMUSG Fbxl4	6.892032	6.430219	6.977026	5.362881	5.128963	6.174325
ENSMUSG Timd2	0	0	0	0.195968	0.200545	0.238386
ENSMUSG 5330417C	20.89959	23.04468	14.28529	20.19012	21.01986	21.800089
ENSMUSG Dtx3	18.56422	15.82555	18.63587	17.65672	13.35488	15.075266
ENSMUSG Slc25a28	13.87247	14.40009	15.69343	12.75594	12.63632	11.952397
ENSMUSG Gltpd2	0	0.074086	0.055571	0.056763	0.228913	0.076946
ENSMUSG Gchfr	5.698154	6.002511	5.254307	5.127676	4.222431	4.010691
ENSMUSG Ddit4l	1.148468	0.992784	0.600586	0.883417	1.118924	0.75427
ENSMUSG Nfasc	0.011391	0.06746	0.017832	0.059804	0.07503	0.038695
ENSMUSG Lrrn2	0.705282	0.738281	0.717782	0.40844	0.369409	0.521557
ENSMUSG Pus7	4.286531	4.180393	4.282777	3.65501	3.672529	3.94252
ENSMUSG Olfr310	0	0	0	0	0	0
ENSMUSG Pik3c2b	1.749833	2.173682	2.005734	2.840049	2.89533	3.120537
ENSMUSG Gm21883	0	0	0	0	0	0
ENSMUSG Galnt2	36.56331	36.33396	37.7811	39.65101	41.26416	42.691715
ENSMUSG Kpna6	13.09101	13.4257	11.68791	12.59857	12.35631	13.060136
ENSMUSG Dus3l	13.11814	12.2179	13.64448	13.98029	13.04606	13.240764

ENSMUSG A43008911	0	0	0	0	0	0
ENSMUSG Exoc5	4.80688	4.5225	4.399879	4.392818	4.18274	4.22494
ENSMUSG Zfp82	1.571918	1.138156	2.094054	1.530113	1.156319	1.212631
ENSMUSG Gm21870	0	0	0	0	0	0
ENSMUSG Pcdhb8	0.810047	0.776023	1.025586	0.469802	0.464659	0.491298
ENSMUSG 4933415A	0	0.052307	0.059031	0.078909	0.112071	0.081137
ENSMUSG Cdk9	36.9363	33.40126	40.05249	33.65636	34.51701	35.463424
Mus_musc Mus_musc	0.660042	1.046344	0.520694	1.236587	0.254464	0.503358
Mus_musc Mus_musc	0	0.16069	0	0.31336	0.635175	0.429999
ENSMUSG 6330409D	0.631581	0.553643	0.599746	0.490276	0.522148	0.486426
Mus_musc Mus_musc	1.147773	1.066725	0.905394	1.173954	0.933806	1.201041
Mus_musc Mus_musc	0	0.255757	0.188102	0	0	0.122204
Mus_musc Mus_musc	0.440418	0.593413	0.469936	0.398648	0.37193	0.264948
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	3.475748	3.657884	4.198158	4.61221	4.213792	4.072051
ENSMUSG Armh2	0	0	0	0	0.152729	0
ENSMUSG Gm17606	1.453284	0.905857	1.685416	0.958461	1.226692	1.459445
ENSMUSG Scd2	187.6836	188.0928	194.936	169.7021	160.841	182.56856
ENSMUSG Paip2b	12.3617	12.64881	12.74278	12.01385	11.81493	13.198156
ENSMUSG Ubqln4	13.91523	14.89674	14.19475	12.96151	13.26587	13.442695
ENSMUSG Bicc1	13.44726	12.77127	10.71777	9.897665	11.16355	10.223894
ENSMUSG Rab25	18.39547	19.87993	14.91037	16.71531	17.85398	18.449182
ENSMUSG 44304021	2.775768	2.878358	1.351723	2.711358	2.924459	2.657938
ENSMUSG Krt2	0	0	0	0	0	0
ENSMUSG Pitpna	43.81862	38.59719	39.82868	35.63988	39.29776	38.409699
Mus_musc Mus_musc	0	0.150059	0	0.331777	0.242588	0.425283
Mus_musc Mus_musc	0.152888	0	0.636884	0	0	0
Mus_musc Mus_musc	0.36801	0.175126	0.119015	0.213515	0	0
Mus_musc Mus_musc	0	0.045007	0	0.251362	0	0
ENSMUSG Gm21497	0	0	0	0	0	0
Mus_musc Mus_musc	0.343611	0	0	0.538309	0.799063	0.501244
ENSMUSG Gm9944	0	0	0	0	0	0
ENSMUSG Olfr473	0	0	0	0	0	0
Mus_musc Mus_musc	0.08483	0.345447	0.199098	0.297007	0.119256	0.213379
Mus_musc Mus_musc	0.042548	0	0	0.188444	0.270091	0.305855
ENSMUSG Btd35f3	0	0	0	0	0	0
ENSMUSG Olfr1338	0	0	0	0	0	0
ENSMUSG Kdelr3	2.819841	1.761819	2.70778	4.792425	4.795941	5.466205
ENSMUSG Vmn2r84	0.031099	0.018534	0.031771	0.039335	0.061213	0.064135
ENSMUSG Prickle4	0.047175	0	0.231742	0	0	0.144899
ENSMUSG Smlr1	0	0	0	0	0	0
ENSMUSG Ap2a2	30.93928	29.08843	29.38451	24.33	25.86975	26.519609
ENSMUSG Gfra4	0.039231	0.633285	0.058815	0.567227	0.681634	0.42613
ENSMUSG Limch1	159.7912	156.7333	143.9031	108.7303	105.0207	100.00195
ENSMUSG Actrt3	0	0	0	0	0	0
ENSMUSG Gm4894	0	0	0	0	0	0
ENSMUSG Syne3	2.063565	2.577906	2.482787	3.004854	2.377049	3.241945
ENSMUSG Mynn	6.464323	6.891289	7.261745	4.97737	5.28418	4.771957
ENSMUSG Themis2	6.481405	6.108121	10.01401	10.88062	9.509185	10.516623
ENSMUSG Nek5	2.686701	4.09434	2.217856	3.897718	4.306525	3.361591
Mus_musc Mus_musc	0	0	0	0	0	0.244022
ENSMUSG Gm21409	0	0	0	0	0	0
ENSMUSG Gm20867	0	0	0	0	0	0
ENSMUSG Trim43b	0.048296	0.060305	0.030024	0.037542	0.030129	0.024917
ENSMUSG Sap25	0.290917	0.059214	0.231201	0.014546	0.175073	0.334455
ENSMUSG Tlr5	3.133459	2.516782	2.217677	1.559509	1.301333	1.720001
ENSMUSG Gm15130	0	0	0	0	0	0
ENSMUSG Cd209g	0.79845	0.747456	0.327901	0.658031	1.372883	0.944093
ENSMUSG Slc35b2	23.32388	20.75322	23.85555	26.16777	25.91128	26.206848
ENSMUSG Trmt12	1.303935	1.181225	1.192149	1.288165	1.452881	1.657387
ENSMUSG Prr32	0	0	0	0	0	0
ENSMUSG Akt3	32.21996	34.19923	27.88895	23.54378	24.11036	21.92878
ENSMUSG Gm21173	0	0	0	0	0	0
ENSMUSG Itga5	15.04195	12.71876	13.57274	13.67233	15.83325	15.760892

ENSMUSG Mrgprg	0.030977	0.035069	0	0.49584	0.810368	0.740024
ENSMUSG Tmem220	4.60807	4.918059	3.866602	4.323644	4.049477	4.405494
ENSMUSG Prag1	2.682832	2.696829	3.037458	3.924465	3.784504	4.110937
ENSMUSG Dscam	0	0	0	0.022922	0	0
ENSMUSG Sirt2	47.46869	46.61729	47.36716	41.94441	42.47146	40.841482
ENSMUSG Tulp2	0.149971	0.134023	0.097869	0.15789	0.150392	0.1859
ENSMUSG Actn1	54.47523	47.73772	46.08222	43.14923	45.58344	47.886011
ENSMUSG Rab12	60.07188	61.83253	60.09901	43.7968	42.33858	41.998055
ENSMUSG Erbb4	0.055111	0.160054	0.016505	0.041954	0.013214	0.03071
ENSMUSG Vmn2r7	0	0	0	0	0	0
ENSMUSG Prl3d3	0	0	0	0	0	0
ENSMUSG Btbdb9	4.479267	4.585488	4.403435	4.302172	3.878678	4.527444
ENSMUSG Gspt1	21.8389	22.41804	19.59595	22.23623	22.35799	23.871199
ENSMUSG Olfr1373	0	0	0	0	0	0
ENSMUSG Pebp4	0	0	0	0	0	0
ENSMUSG BC055324	0.602912	0.608207	0.484855	0.689137	0.648843	1.055607
ENSMUSG Ap1s2	18.5623	18.6244	21.76519	19.08211	19.14877	17.924229
ENSMUSG Wapl	20.77364	21.88874	21.15586	19.31812	19.85963	20.141458
ENSMUSG Zfp275	6.36909	6.565558	5.774672	5.093927	5.291943	5.020343
ENSMUSG Grpr	0.044716	0	0	0	0	0.022193
ENSMUSG Xlr4c	0.65681	0.444066	1.370124	1.48026	1.521219	1.559448
ENSMUSG Ctps2	2.706984	2.734739	2.768676	2.513312	2.131588	2.119289
ENSMUSG Duxf3	0	0	0	0	0	0
ENSMUSG Cyp12	0	0	0	0	0	0
ENSMUSG Vmn1r173	0	0	0	0	0	0
ENSMUSG Vmn1r218	0	0	0	0	0	0
ENSMUSG Scgb1b20	0	0	0	0	0	0
ENSMUSG Vmn1r81	0	0	0	0	0	0
ENSMUSG Gm8994	0	0	0	0	0	0
ENSMUSG Mrgpre	0.950006	0.768429	0.552176	2.783796	2.444275	3.035425
ENSMUSG Olfr943	0	0	0	0	0	0
ENSMUSG Gsc2	0	0	0	0	0	0
ENSMUSG Dok5	0.020951	0	0	0.052953	0	0
ENSMUSG Focad	3.638226	3.688394	3.474838	3.665862	3.645626	3.893313
ENSMUSG Ncoa6	11.79805	11.78276	10.78539	10.23398	11.02464	11.162751
ENSMUSG Fbxo25	10.70072	11.68951	12.47231	10.97109	11.18689	10.598961
ENSMUSG Lasp1	64.05781	61.16149	67.7822	71.60345	73.01938	77.324066
ENSMUSG Efemp1	66.1618	63.44343	63.21434	42.5199	37.4018	49.448262
ENSMUSG Pnpt1	7.037705	6.52055	7.657825	6.968264	7.345578	7.874047
ENSMUSG Cfap36	17.13587	16.79578	16.02156	18.17176	16.74412	14.681749
ENSMUSG Ppp4r3b	19.50467	21.40461	18.2344	20.69179	21.13897	20.263155
ENSMUSG Rps27a	170.5853	213.3851	216.8603	270.9008	234.4954	197.54489
ENSMUSG Clhc1	0.072742	0.042087	0	0.081559	0	0
ENSMUSG Myl7	6.208065	65.7011	8.9131	22.06621	12.90535	7.006586
Mus_musc Mus_musc	0	0.090172	0	0	0	0
Mus_musc Mus_musc	0.13936	0.077011	0	0.123464	0.205814	0
Mus_musc Mus_musc	0	0	0	0	0	0.163183
Mus_musc Mus_musc	0	0	0	0.108271	0	0.299337
Mus_musc Mus_musc	0	0	0	0.281674	0	0
Mus_musc Mus_musc	0.435281	0.598812	0.151513	0.73475	0.741344	0.850183
ENSMUSG Fuca1	32.14396	34.08036	33.38173	39.71786	40.77723	42.446568
ENSMUSG Hmgcl	23.57367	25.44003	27.79149	22.74466	23.32601	23.260979
ENSMUSG Gale	4.228144	3.776548	4.34608	7.712681	6.9837	8.919068
ENSMUSG Lypla2	33.47833	32.25704	32.13142	32.22739	28.62742	30.216682
ENSMUSG Rnf220	26.29563	23.36027	29.25002	24.27641	22.64896	20.483483
ENSMUSG Srsf10	34.51438	39.15097	34.83427	31.24222	29.70096	29.546128
ENSMUSG Pnrc2	57.15226	59.61051	52.30694	60.72936	56.43509	56.493197
ENSMUSG Kif2c	0.270932	0.186018	0.423173	0.704025	1.269994	1.55126
ENSMUSG Prc1	0.993505	1.473709	1.35193	3.462306	4.435731	6.264683
ENSMUSG Cnst	15.80053	17.38163	14.22445	12.52083	12.58514	13.689931
ENSMUSG Dusp14	20.32175	18.28103	18.24033	16.64729	15.43573	16.236669
ENSMUSG Fn3k	1.406171	1.275914	0.699892	1.19647	1.174518	0.789833
ENSMUSG Wdr45b	21.47957	24.19896	23.4299	20.40605	22.15226	23.172918
ENSMUSG Ankrd2	0	0	0	0	0	0

ENSMUSG Ubtd1	0.810862	0.956677	0.438105	1.082615	0.51912	1.073153
ENSMUSG Rab40b	1.409478	1.245585	1.116921	1.019037	0.817026	0.90856
ENSMUSG Pi4k2a	12.90252	13.12746	12.925	15.62147	16.40152	18.232485
ENSMUSG Mtg1	3.626828	5.062362	5.807965	4.788448	4.827851	4.932278
ENSMUSG Acat1	21.65796	23.3971	21.72864	18.41731	17.88455	18.329706
ENSMUSG Abhd12	39.63553	30.72063	34.53172	40.38258	51.426	51.674133
ENSMUSG Siglecf	4.990407	5.113169	4.072741	7.656141	8.633608	6.978843
ENSMUSG Rpusd4	6.760303	7.52658	8.099334	7.615906	7.45411	7.838687
ENSMUSG Ifrd1	25.62368	22.05186	26.88107	16.84755	20.10583	17.024041
ENSMUSG Tirap	8.147023	8.199397	8.833136	8.563712	8.88709	10.691438
ENSMUSG Dcps	16.77854	18.7551	19.33915	19.37259	20.24191	19.647955
ENSMUSG Pyroxd2	1.512661	1.229057	1.549431	2.109283	1.724465	1.75845
ENSMUSG Casc4	10.43777	10.40872	10.31093	10.24761	9.309026	9.858581
ENSMUSG Olfr725	0	0	0	0	0	0
ENSMUSG Olfr742	0	0	0	0	0	0
ENSMUSG Stx7	47.22832	47.36273	47.84937	40.10075	39.50933	36.596068
ENSMUSG Map7	10.41785	11.47518	8.648128	8.36659	8.788077	9.596354
ENSMUSG Ctgf	165.2447	96.28906	175.5482	63.12917	80.25199	62.734169
ENSMUSG Mtrf2	0.166593	0.105095	0.160112	0.3434	0.385668	0.796136
ENSMUSG Pde7b	6.905712	6.038684	4.62157	5.01649	3.909272	4.52876
ENSMUSG Pom121	8.225889	8.164155	8.133641	7.092713	7.659795	8.167413
ENSMUSG Rab4b	20.04644	17.4365	19.83145	20.9696	19.12974	22.114544
ENSMUSG Al854703	0.147718	0.032111	0.127914	0.093086	0.112722	0.090448
ENSMUSG Rpp40	0.628317	0.775563	0.635458	0.544893	0.816779	0.581743
ENSMUSG Fam217a	0.023484	0.093782	0.023321	0.102946	0.085263	0.152747
ENSMUSG 4933417A:	0	0	0	0	0	0
ENSMUSG Eci3	0.028477	0.443739	0	0.0509	0.06029	0.170034
ENSMUSG Olfr633	0	0	0	0	0	0
ENSMUSG Olfr646	0	0	0	0	0	0
ENSMUSG Olfr641	0	0	0	0	0	0
ENSMUSG Prpf4b	16.71121	16.48355	16.90368	15.08995	13.19101	13.668747
ENSMUSG Fam183b	19.66941	22.03479	13.71333	29.66438	23.75899	25.922508
ENSMUSG Ugt3a2	0	0	0	0	0	0
ENSMUSG H2a1k	0	0	0	0.022747	0.038559	0
ENSMUSG Sox14	0	0	0	0	0	0
ENSMUSG Ptrh1	2.016657	1.738555	2.237765	3.603827	4.533105	4.468123
ENSMUSG Gm5114	0.012466	0	0	0	0	0
ENSMUSG Pcdhga10	2.983121	3.149184	3.004851	2.068318	1.873097	1.692716
ENSMUSG Pebp1	63.60671	61.32688	54.97918	51.76266	59.26971	47.268642
ENSMUSG Ap4b1	5.92993	5.782319	5.079631	5.714194	6.144532	6.095312
ENSMUSG 4930430A:	0.02054	0.096863	0.050314	0.083509	0	0.079686
ENSMUSG Lhb	1.742139	2.009885	1.578639	2.93001	2.186168	3.070102
ENSMUSG Sprr2k	0	0	0	0	0	0
ENSMUSG Ceacam20	0	0	0	0	0	0
Mus_musc Mus_musc	1.820935	1.111838	1.574848	1.274116	0.588756	1.408958
Mus_musc Mus_musc	0.080976	0.171397	0.15174	0.018492	0.239944	0.103424
ENSMUSG Cracr2b	56.95319	57.13408	54.33257	44.10956	47.52481	43.161856
Mus_musc Mus_musc	0	0	0	0	0	0.224617
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0.394072	0.385411	0.201296	0.089541	0.239983	0.182803
ENSMUSG Trim30b	0.768318	0.896713	1.079656	0.444627	0.214002	0.221283
Mus_musc Mus_musc	0	0.672112	0.173905	0	0	0.095541
Mus_musc Mus_musc	0.510965	0.521143	0.70585	0.413645	0.246403	0.378079
Mus_musc Mus_musc	0.334126	0	0	0	0	0.074591
ENSMUSG Moxd2	0	0	0	0	0	0
ENSMUSG 1700074P:	0	0	0	0	0	0
ENSMUSG 2210010C:	0.026247	0	0	0	0	0
ENSMUSG lhh	0	0.115357	0.216099	0.080028	0.070267	0.065674
ENSMUSG Tmem254c	5.258463	5.168749	4.930928	8.429152	6.694799	6.208968
ENSMUSG Atg4b	12.52821	12.80802	12.18339	10.08188	10.91324	11.076077
ENSMUSG Dtymk	20.03526	17.65242	21.37421	17.29393	17.42158	19.356413
ENSMUSG Ttc23	6.762551	6.948397	6.099833	5.236129	5.964091	5.69184
ENSMUSG Ing5	6.527673	7.331052	7.101816	5.782764	5.549536	5.413443
ENSMUSG Pgpep1l	0	0.090513	0.206162	0.9192	0.615517	0.995533

ENSMUSG Pcd1	0.220669	0.355551	0.247715	2.531574	2.572437	2.840906
ENSMUSG Nr2f2	14.1376	15.23328	15.83961	11.05748	12.56496	10.135181
ENSMUSG Inpp5d	18.07699	15.56384	16.60949	18.68573	18.07057	19.097862
ENSMUSG Atg16l1	12.82257	12.19193	14.08614	10.94151	11.99657	11.615626
ENSMUSG Rab38	4.887625	6.498798	5.064228	4.931267	3.964933	4.426426
ENSMUSG Gm37988	0.205568	0.135057	0.069955	0.166287	0.286246	0.360334
ENSMUSG Gm10518	0.100383	0.109823	0.11575	0.04148	0.166421	0.243927
ENSMUSG 2-Mar	23.84081	22.87255	21.47625	19.83659	21.9533	20.198452
ENSMUSG Pate2	0.013559	0.052233	0.037067	0	0.048633	0
ENSMUSG S100a16	97.5331	90.00594	88.41737	60.22483	63.11934	59.350087
ENSMUSG Defb33	0	0.203805	0	0	0.143982	0
ENSMUSG Msmo1	19.98947	18.07468	21.52361	23.62809	19.89007	24.971055
ENSMUSG Khl2	17.09364	19.68719	19.94954	12.799	14.58321	11.756372
ENSMUSG Vps37a	8.20512	6.942029	6.871493	7.618845	6.319313	6.907748
ENSMUSG Cnot7	17.68092	17.87185	18.1017	16.25739	15.79606	13.956092
ENSMUSG Fgf20	0	0	0	0	0	0
ENSMUSG Galnt7	3.225009	3.292133	3.466172	7.55672	8.160078	8.462393
ENSMUSG Sap30	3.190629	3.290141	4.169052	3.673764	5.169381	3.677783
ENSMUSG Rfc2	5.800967	5.614873	5.994835	6.755611	7.735438	8.834457
ENSMUSG Denr	11.86909	12.90627	13.35819	13.76363	13.78549	12.078728
ENSMUSG Vmn1r27	0	0	0	0	0	0
ENSMUSG Zdhhc5	18.45347	18.71356	18.21283	18.49506	19.44637	19.824139
ENSMUSG Zfp551	1.069769	1.245841	0.994405	0.982097	0.668447	0.975398
ENSMUSG Ssu2	0	0	0.085683	0	0	0
ENSMUSG Barhl2	0	0	0	0	0	0
ENSMUSG Ai661453	9.31015	10.15919	7.477852	6.750778	6.469581	7.26408
ENSMUSG 9030624G	0.010637	0	0	0	0	0
ENSMUSG Rsl1d1	19.21527	18.95358	18.82162	18.11714	15.77223	17.899446
ENSMUSG Sult1b1	0	0	0	0	0	0
ENSMUSG Ugt2a2	0	0	0	0	0	0
ENSMUSG Pigg	7.33594	7.677131	6.81502	5.775392	5.88136	5.309381
ENSMUSG Ugt2b34	0	0.010736	0	0.074032	0.01104	0.036222
ENSMUSG Mtf2	6.306342	6.701009	6.78591	6.221459	6.680081	6.827697
ENSMUSG Dr1	19.53503	19.89179	19.00611	18.42997	17.50212	17.471901
ENSMUSG C1ql3	0.056892	0.01327	0.098629	0.130701	0.034024	0.126714
Mus_musc Mus_musc	14.76719	14.62641	14.88421	13.55894	14.39767	13.848124
Mus_musc Mus_musc	0.062997	0.139178	0.301635	0.157841	0.146455	0.218803
Mus_musc Mus_musc	0.470725	0.247636	0.315816	0.845105	0.643631	0.649289
Mus_musc Mus_musc	0	0	0.098059	0	0.267226	0.184186
Mus_musc Mus_musc	83.8595	64.3968	69.68404	118.5611	129.5446	105.76122
Mus_musc Mus_musc	0.463512	0.4159	0.206746	0.33505	0.29856	0.187841
Mus_musc Mus_musc	0	0.044235	0.190785	0	0	0
ENSMUSG Ccdc124	21.24815	22.31654	25.36794	21.85963	19.81418	21.854728
ENSMUSG Ccl2	1.355085	0.661651	1.025253	2.194145	3.638319	2.986626
ENSMUSG 4930415LC	0	0	0	0	0	0
ENSMUSG Pmch	0	0	0	0	0.063726	0
ENSMUSG Pcsk7	14.25201	14.78524	14.16314	11.49224	11.83874	12.213963
ENSMUSG Vmn1r203	0	0	0	0	0	0
ENSMUSG Vmn1r223	0	0	0	0	0	0
ENSMUSG Slitrk4	0.078763	0.112199	0.054515	0.06814	0.020836	0.085675
ENSMUSG Ly6g6f	0	0.11282	0.04458	0	0.043553	0
ENSMUSG Dhcr24	34.86667	36.47754	42.98473	28.94218	32.53969	33.33588
ENSMUSG Chtf8	37.36707	39.931	36.68187	35.38126	33.89034	35.231915
ENSMUSG Rnf44	43.32456	40.81437	44.40523	32.63062	34.24093	34.098232
ENSMUSG Tent5b	9.015643	7.459609	5.392144	4.241292	5.040128	3.508881
ENSMUSG Enpp7	0	0	0	0	0	0
Mus_musc Mus_musc	0.793366	1.018787	0.729958	0.720399	0.507493	0.660203
Mus_musc Mus_musc	0	0	0	0.194824	0	0
ENSMUSG Lce1j	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.157816	0.105798	0	0.282396	0.229768
Mus_musc Mus_musc	0	0	0	0.139768	0	0
Mus_musc Mus_musc	0.058494	0.175828	0.031814	0.307173	0.066533	0.354103
ENSMUSG Lce1i	0	0	0	0	0	0
ENSMUSG Lce1e	0	0	0	0	0	0

ENSMUSG Dolk	6.768327	7.775823	7.910773	6.911601	7.641964	7.60276
ENSMUSG Nek11	0.94918	0.943701	0.928199	1.598826	1.142148	0.949232
ENSMUSG C8a	0	0	0	0.022035	0	0
ENSMUSG Fnbp1	17.159	18.42221	18.02923	22.25744	20.86609	20.540461
ENSMUSG Prcd	2.209195	2.679361	4.356819	2.77543	2.230542	2.949258
ENSMUSG Tmed11	0	0	0	0	0	0
ENSMUSG Spib	4.239586	3.071681	2.722875	15.94358	11.75526	13.004138
ENSMUSG Il18bp	4.313123	4.482004	16.00432	8.987356	5.933573	5.248178
ENSMUSG Rassf9	8.123675	8.240525	7.561536	6.646569	7.044621	6.19682
ENSMUSG Olfr1030	0	0	0	0	0	0
ENSMUSG H1fx	0.714118	0.62345	0.596621	0.697066	0.963682	0.935914
ENSMUSG Zfp566	1.68897	1.890539	2.261358	1.465951	1.884961	1.623022
Mus_musc Mus_musc	1.642319	1.13417	1.563009	1.61553	0.625987	0.641625
ENSMUSG Tbcbl	35.71642	32.12539	36.58935	27.60565	25.71368	26.366375
ENSMUSG Bcl2l11	7.590505	8.279604	8.354379	10.30535	10.41407	9.442932
Mus_musc Mus_musc	0.188031	0.313616	0	0	0	0.104024
ENSMUSG Haus5	3.714975	3.308618	3.995243	3.059685	3.04327	3.035031
ENSMUSG Slfn1	5.925714	3.758556	8.994491	5.302824	3.508794	3.103894
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG U2af1l4	7.027283	5.337253	4.802297	5.307707	5.462348	3.241582
Mus_musc Mus_musc	0.316323	0.465871	0.17869	0.086771	0.075796	0.240773
Mus_musc Mus_musc	6.422015	7.900305	4.966533	3.31599	2.207183	4.72712
Mus_musc Mus_musc	0.871016	0.814102	0.319515	0.371765	0.49571	0.602245
Mus_musc Mus_musc	0.456937	0	0	0	0	0
Mus_musc Mus_musc	4.134168	4.206831	4.29544	3.965609	4.12388	4.231271
Mus_musc Mus_musc	0.180051	0	0.173865	0	0.04754	0
ENSMUSG Sh2d5	0.135069	0.164672	0.24888	0.204441	0.057135	0.145094
ENSMUSG 4930544Dl	0	0	0.111878	0	0	0
ENSMUSG Vmn1r70	0	0	0	0	0	0
ENSMUSG Olfr167	0	0	0	0	0.007533	0
ENSMUSG Kcnh1	2.087928	2.090154	1.691025	1.383944	1.732516	1.023608
ENSMUSG Cryz1l	15.8285	18.35462	17.99038	14.39379	15.4826	15.055786
ENSMUSG Xntrpc	0.89885	0.717825	0.55612	0.432887	0.361367	0.5836
ENSMUSG Olfr506	0	0	0	0	0	0
ENSMUSG Gm10037	0.220234	0.086374	0.071285	0.304466	0.070145	0.049318
ENSMUSG Cpne4	0.226882	0.088828	0	0.079294	0	0.049408
ENSMUSG Nudt16	7.28619	6.760373	6.171504	8.417217	7.365477	10.368072
ENSMUSG 1700080E1	0	0	0	0	0	0
ENSMUSG Aste1	1.985673	1.935552	2.453462	1.627151	1.463	2.095696
ENSMUSG Dnajc13	9.756845	10.5064	9.656207	11.08524	10.93872	11.854864
ENSMUSG Acpp	0.920012	1.186629	0.558435	1.531323	1.990488	1.733315
ENSMUSG Gnai2	313.0715	287.4626	326.2841	269.0807	267.0385	266.71832
ENSMUSG Mrpl3	7.772261	7.048446	6.9934	7.146911	6.971955	7.823986
ENSMUSG Vps50	6.720331	6.284622	5.910205	7.166745	6.919487	6.972448
ENSMUSG Fam102b	7.367419	8.31148	7.172901	7.588116	6.99902	8.615999
ENSMUSG Nsmce4a	26.63668	26.73484	23.99018	22.67264	21.88748	21.792471
ENSMUSG Ms4a6c	5.506432	5.57925	12.17804	12.22499	11.03465	9.865003
ENSMUSG Atg4a	9.133358	9.33953	8.312702	9.818171	10.36863	10.020878
ENSMUSG Tmem173	6.6112	5.776846	7.650415	12.91805	12.89986	14.553874
ENSMUSG Rspry1	6.92105	7.45564	6.634872	7.147779	6.870679	7.057149
ENSMUSG Gm2897	0.134471	0.237621	0.038821	0.054468	0.167269	0.122377
ENSMUSG Btl2	0.132223	0.230501	0.163328	0.263756	0.3936	0.155308
ENSMUSG Psd2	0.039631	0.095024	0.123466	0.118834	0	0.040939
ENSMUSG Pfdn1	18.71358	17.30512	17.82441	20.22441	16.79196	18.821712
ENSMUSG Spink8	0	0	0	0	0	0
ENSMUSG Gm11111	0	0	0	0	0	0
ENSMUSG Olfr935	0	0	0	0	0	0
ENSMUSG Cdc45	1.409699	1.12919	1.286259	2.048782	2.554	3.266062
Mus_musc Mus_musc	0.140695	0	0	0	0.100561	0.111628
Mus_musc Mus_musc	0.188933	0.193663	0.133351	0.637486	0.626339	0.616039
Mus_musc Mus_musc	0	0	0.084329	0.042861	0	0.211103
Mus_musc Mus_musc	0.472074	0.747167	0.760428	0.768402	0.943881	0.834523
Mus_musc Mus_musc	0	0	0.101635	0.175549	0.046075	0.351873
ENSMUSG Ranbp17	0.205032	0.322634	0.342451	0.224158	0.158319	0.252577

ENSMUSG Pogk	4.558312	4.381939	3.922293	3.898919	3.77641	3.956015
ENSMUSG Olfr39	0	0	0	0	0	0
ENSMUSG 1110051M	8.924973	9.878379	8.551089	6.644799	5.857709	6.464292
ENSMUSG Rhox3e	0	0	0	0	0	0
ENSMUSG Zfp11	2.07763	2.252153	2.00982	1.908198	1.693868	1.764841
ENSMUSG Zfp455	1.122711	1.533605	1.436331	1.199249	1.199044	0.975535
ENSMUSG Ttc24	0	0	0	0	0	0.005482
ENSMUSG Mis12	10.06705	10.39704	10.88544	8.858809	10.61939	8.742456
ENSMUSG Cd3eap	3.930109	3.634674	4.324268	3.490306	3.641659	3.10011
ENSMUSG Fbxo30	8.455283	9.689402	8.439528	5.493958	7.351841	6.212463
ENSMUSG Krt87	0.563851	0.309364	0.40736	0.196047	0.234062	0.181356
ENSMUSG D930020B	0.194005	0.182626	0.200158	0.205637	0.313129	0.309027
ENSMUSG Spink12	0	0	0	0	0	0
ENSMUSG Gorasp2	41.5974	38.26699	40.34909	43.78024	44.65039	42.208425
ENSMUSG Clca3a1	0.318978	0.51274	0.426358	0.742877	0.779165	0.747795
ENSMUSG Ppp1cb	35.05494	38.2009	36.21738	30.282	30.03622	30.017891
Mus_musc Mus_musc	0	0.054787	0.067134	0.22248	0.081494	0.191986
ENSMUSG Cyp4a12a	0	0.160054	0	0.021555	0	0
Mus_musc Mus_musc	0.091399	0	0.073435	0	0.092547	0
Mus_musc Mus_musc	0.157452	0	0.206654	0.199462	0.250391	0
Mus_musc Mus_musc	0	0	0	0	0.087161	0.165455
ENSMUSG Gm10663	0	0	0	0	0	0
ENSMUSG 1110032FC	0.065643	0.035016	0.086368	0.097336	0.113478	0.029078
ENSMUSG Aox2	0	0.014252	0	0	0.007311	0
ENSMUSG Mars2	1.216477	1.256581	0.914909	1.136051	0.90093	1.176369
ENSMUSG Haus3	4.034779	4.481133	5.044673	5.037731	4.290508	5.884734
Mus_musc Mus_musc	0	0	0	0	0	0.184602
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.276716	0	0	0	0	0
Mus_musc Mus_musc	0.12712	0.091523	0.098348	0	0.243664	0
ENSMUSG 2-Mar	55.85948	47.94804	56.41352	37.30424	41.86112	41.06448
Mus_musc Mus_musc	0.506434	0.095187	0.839113	0.031976	0.070868	0.014542
Mus_musc Mus_musc	0.08397	0.321936	0	0.547555	0	0.129435
Mus_musc Mus_musc	0	0.308619	0	0.129213	0	0
Mus_musc Mus_musc	0	0	0.20333	0	0	0
ENSMUSG Fli1	9.919576	9.696021	10.31789	9.496153	9.226304	9.698866
ENSMUSG Gm10413	0	0	0	0	0	0
ENSMUSG Gm21983	1.495639	0.937921	1.514282	1.277693	0.972379	1.357576
ENSMUSG Gm2012	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.054657	0.111968	0.331981	0.224824	0.229886
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.176824	0.268821	0.096416	0.132667	0.270883	0.205417
Mus_musc Mus_musc	0	0.100956	0.101939	0.156283	0.121213	0
Mus_musc Mus_musc	0	0.529239	0.468299	0.216548	0.252931	0
Mus_musc Mus_musc	1.283471	0.416588	0.539685	0.310127	0.242531	0.54719
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Pcdhga2	1.206021	0.388574	1.406188	0.882945	0.354106	0.309643
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0.297005	0.388124	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.88711	0.972128	0.64379	1.087292	0.799619	0.943345
ENSMUSG Tmem125	5.895989	6.656194	5.199984	4.125691	3.709317	4.77356
ENSMUSG Zfp940	0.686328	0.558875	0.945076	0.610688	0.59468	0.498226
ENSMUSG Atp5k	15.88764	11.57216	20.53576	20.82354	21.56372	21.182659
ENSMUSG Olfr958	0	0	0	0	0	0
Mus_musc Mus_musc	1.052334	0.57351	0.741327	1.105459	1.173122	0.983127
Mus_musc Mus_musc	0.131736	0.2388	0.258188	0.257856	1.217595	0.172222
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Phf21b	0.435084	0.623015	0.607342	0.41637	0.293967	0.496824
ENSMUSG Nlrp14	0	0	0	0	0	0
ENSMUSG Arfgef1	23.35254	23.99079	20.56236	21.29206	21.16707	19.047071
ENSMUSG Taar7e	0	0	0	0	0	0
ENSMUSG Speer3	0	0	0	0	0	0
ENSMUSG Olfr976	0	0	0	0	0	0

ENSMUSG Slc25a22	7.130128	7.329138	9.097746	7.330299	7.571626	7.613968
ENSMUSG Gtsf2	0	0	0	0	0	0
ENSMUSG Tmem69	4.063409	4.783761	4.541625	4.381591	4.46729	4.851327
ENSMUSG Zfp113	2.161947	1.878175	1.69324	1.655942	1.705491	1.517986
ENSMUSG Scin	0.081365	0.200422	0.143329	6.161508	5.20295	7.204665
ENSMUSG Colec11	0.835893	0.351263	0.126465	0.169891	0.137902	0.326089
ENSMUSG Vmn1r238	0	0	0	0	0	0
ENSMUSG Tma7	25.099	26.57042	30.6097	35.20599	32.94968	32.614414
ENSMUSG Cldn20	0.252988	0.526288	0.343248	0.351196	0.316528	0.316186
ENSMUSG Olfr102	0	0	0	0	0	0
ENSMUSG Olfr11	0	0	0	0	0	0
ENSMUSG Pank3	19.83278	21.68117	17.54708	17.98387	17.95288	16.994465
ENSMUSG Unc45b	11.40614	11.72118	12.32953	8.566293	6.867868	7.859162
ENSMUSG Fndc8	0.047161	0	0.020279	0.046035	0	0.065052
ENSMUSG Rad51d	4.393879	4.678549	5.269346	3.770797	4.45848	4.709656
ENSMUSG Wwc1	59.69763	59.86452	54.08107	44.32112	43.66668	43.995819
ENSMUSG Rars	14.72886	16.82019	16.1803	18.71147	17.81031	20.021019
ENSMUSG Tmc3	0.432977	0.303261	0.41437	0.477013	0.345355	0.320527
ENSMUSG Srd5a2	0	0	0	0.065053	0	0
ENSMUSG Pcid2	11.40432	9.7336	11.29237	9.137813	9.325185	8.89856
ENSMUSG BC028528	74.74019	73.74606	99.09186	66.41451	64.08544	58.664756
ENSMUSG Inip	7.102037	7.897664	6.899154	7.584401	7.041007	7.672874
ENSMUSG Cul7	9.077115	8.283587	8.115666	7.308516	7.325801	7.761369
ENSMUSG Ranbp9	16.62806	16.62771	15.62814	13.85586	13.87487	13.9011
ENSMUSG Gm6356	0	0	0	0	0	0
ENSMUSG Fads1	44.01801	43.38495	43.9459	42.38188	40.38593	44.672237
ENSMUSG Plcd1	3.843667	3.808417	4.301588	3.866739	3.672548	4.060651
ENSMUSG Tvp23b	16.24828	18.8219	16.56829	15.45988	15.40997	16.359694
ENSMUSG Gpatch11	7.533276	8.067771	8.610352	6.835656	6.268738	6.298812
ENSMUSG Gm10181	0	0	0	0	0	0
ENSMUSG Mapk7	8.983958	7.797268	9.652254	7.818915	8.13191	8.833989
ENSMUSG Sgf29	11.85502	12.44471	14.06695	10.98494	9.621503	10.265342
ENSMUSG Nupr1	53.33103	67.83198	65.88827	114.1315	121.6912	111.49501
ENSMUSG Sult1a1	57.8921	65.09879	58.7959	37.57421	40.35316	31.635518
ENSMUSG Kik7	0	0	0	0	0	0
ENSMUSG B9d1	6.596288	6.376996	4.926031	6.805799	7.038154	8.89858
ENSMUSG Gm8011	0	0	0	0	0	0
ENSMUSG Kcne1	0	0	0	0	0.030597	0
ENSMUSG Col6a3	8.994536	8.447582	9.453899	12.23622	12.54318	13.31251
ENSMUSG Entpd1	35.04736	32.08901	31.01874	31.69813	33.82151	31.216047
ENSMUSG Hnrnpu	54.85825	48.90655	53.86573	50.8919	51.86232	55.124694
ENSMUSG Lonrf1	4.761909	4.148288	4.055263	2.837393	3.405972	2.604759
ENSMUSG Ccdc151	1.230156	1.681623	0.611608	1.912462	2.195099	2.328406
ENSMUSG 330000210	1.173895	0.75932	0.853777	0.892034	0.603016	1.141955
ENSMUSG Zfp189	2.267919	3.000664	2.485413	1.790694	1.778583	2.038597
ENSMUSG Coro7	7.12266	5.621782	7.186196	9.177531	8.44386	9.122513
ENSMUSG Adprhl1	0.143353	0.655993	0.112419	0.069833	0.043888	0.048196
ENSMUSG Atp4b	0	0	0	0	0	0
ENSMUSG Agap1	8.99743	10.36695	9.072484	6.589111	6.680467	6.658456
ENSMUSG F7	10.017	9.015554	9.453836	36.85333	40.52343	41.980991
ENSMUSG A830031A	0	0	0	0	0	0
ENSMUSG Cul4a	25.27937	25.68611	24.18606	24.42615	23.52801	24.246996
ENSMUSG Lamp1	312.9389	307.4396	326.6083	324.3293	349.5292	360.11243
ENSMUSG F10	2.805363	3.181286	4.017116	24.59787	27.5639	30.371652
ENSMUSG Proz	1.249804	0.942453	0.991202	3.25127	2.574042	2.183433
ENSMUSG Trip6	10.07035	11.68751	10.70477	7.195222	6.840448	8.22904
ENSMUSG Clec4n	18.12355	14.91058	17.92003	30.55906	38.37541	29.073493
ENSMUSG Mx2	1.402621	1.007376	1.567806	0.887456	0.965716	0.860259
ENSMUSG Ldlrap1	9.140444	9.334574	9.253517	8.17347	7.741418	8.210716
ENSMUSG Lsm1	3.87957	4.172939	4.574615	4.841805	4.217964	4.568137
ENSMUSG Gle1	13.39346	14.51639	13.04535	10.60639	11.56413	11.67327
ENSMUSG Mrpl24	27.49403	26.54423	29.48613	32.11825	29.35674	28.869502
ENSMUSG Olfr296-ps	0	0	0	0	0	0
ENSMUSG L3hypdh	2.523328	2.630842	2.412622	2.691786	3.113409	3.223963

ENSMUSG Smcr8	9.200531	10.09513	8.771043	9.475938	10.37311	10.529737
ENSMUSG Amn	0	0	0	0.084706	0.070243	0
ENSMUSG Cdc42bpb	40.94469	40.16976	40.11638	30.39627	31.76531	30.972882
ENSMUSG Krt90	0	0	0	0	0	0
ENSMUSG Vmn1r26	0	0	0	0	0	0
ENSMUSG Mex3d	9.056226	8.374834	9.341234	7.068017	7.638109	7.785598
ENSMUSG Cinp	9.889412	11.14724	11.91785	11.59302	11.75098	11.518877
ENSMUSG Traf3	5.97419	5.954642	6.445307	8.177062	7.639094	8.272165
ENSMUSG Olfr435	0	0	0	0	0	0
ENSMUSG Zfp839	3.507093	2.856249	3.176299	3.135028	2.929534	3.046609
ENSMUSG Fdft1	12.20244	9.434301	12.97722	12.37235	11.52041	13.690687
ENSMUSG Rsph10b	2.022541	3.314679	1.977833	3.239954	2.921938	3.30742
ENSMUSG Fundc2	13.4281	11.30629	11.68828	12.01802	9.885768	11.802766
ENSMUSG Gm9040	0.065806	0.087687	0.028927	0.060162	0.065873	0.081531
ENSMUSG 4931400O	0	0	0	0	0	0
ENSMUSG Mib2	14.03512	15.13179	15.82811	12.13502	13.26633	12.855915
ENSMUSG F8	0.328373	0.205788	0.291073	0.377486	0.3394	0.290855
ENSMUSG Vbp1	27.19607	27.02375	26.98536	22.95224	24.11499	25.259616
ENSMUSG Gnb1	148.1435	147.1942	154.792	112.6312	123.4677	119.45416
ENSMUSG Mrpl20	28.19496	30.11706	32.62633	32.61739	28.29952	36.216869
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.079366	0.355185	0	0.07162	0	0.326958
Mus_musc Mus_musc	0.130317	0	0.339521	0.632461	0.595336	0.486835
Mus_musc Mus_musc	2.548518	3.51438	3.452986	2.309299	1.838843	1.569599
ENSMUSG D330020A	0	0.029043	0	0	0	0
ENSMUSG Ptges3l	1.164369	0.873333	0.701465	1.575368	1.652944	1.540506
ENSMUSG Evc	4.737458	5.094788	4.526378	3.830904	3.299433	3.347056
ENSMUSG Pmm2	13.67252	11.80895	14.94316	15.66125	14.46158	16.010486
ENSMUSG Gm6337	0	0	0	0	0	0
ENSMUSG Vmn2r80	0	0	0	0	0	0
ENSMUSG Fbln5	25.33251	23.46882	24.0377	20.91081	18.34774	19.779144
ENSMUSG Figla	0	0	0	0	0	0
ENSMUSG Dglucy	3.044427	3.539265	2.48788	3.869723	3.761988	3.8649
ENSMUSG Ccdc88c	7.167775	5.960561	6.872501	9.724929	8.586878	9.377514
ENSMUSG Scrib	13.68077	13.19658	13.34449	11.81723	12.22918	11.692309
ENSMUSG Rps6ka5	2.664917	2.430863	2.232041	2.113223	1.738776	1.789434
ENSMUSG Plec	30.4283	29.5643	28.91321	22.2038	24.13786	25.763496
ENSMUSG Grina	67.51234	57.28996	77.7276	61.57479	58.79239	63.664792
ENSMUSG Tmem114	0	0	0	0	0	0
ENSMUSG Gpaa1	14.46481	13.88901	15.58289	13.95127	15.29618	14.864983
ENSMUSG Slc52a2	2.318361	2.038989	2.01088	2.232302	2.421882	2.503004
ENSMUSG Trip11	10.17887	10.05102	8.659462	10.03458	9.837203	9.225882
ENSMUSG Oplah	16.0022	15.24404	12.61216	10.73571	11.21627	12.275863
Mus_musc Mus_musc	0.063886	0.025295	0.07388	0.359087	0.187328	0.087862
Mus_musc Mus_musc	0.727938	0.853208	0.537363	0.442041	0.505579	0.84587
Mus_musc Mus_musc	0	0	0	0.302501	0	0
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.096149	0.186692	0
Mus_musc Mus_musc	0	0	0.030716	0	0	0
ENSMUSG Eif2s3y	16.38331	13.90927	16.78205	11.51852	11.57188	13.529815
ENSMUSG Ddx3y	20.84581	18.06089	17.25277	14.88319	14.32432	14.899077
ENSMUSG Zfp13	2.680737	2.882651	3.40394	2.21253	2.187953	2.266119
ENSMUSG Tnp03	18.32802	18.91395	17.79028	17.22854	18.1946	18.148271
ENSMUSG Gmfb	50.80418	41.56946	39.12336	34.69209	40.99065	32.943925
ENSMUSG Slc25a31	0.046478	0	0.073592	0.02306	0	0
ENSMUSG Raly	110.045	92.84615	112.7003	82.895	103.7779	102.42
ENSMUSG Grhpr	10.52907	11.60538	10.44159	9.411147	9.29567	9.211746
ENSMUSG Fam49a	10.05853	10.58238	10.34891	8.186695	7.736049	7.219584
ENSMUSG Cnot3	19.05716	16.80252	18.39713	17.37008	16.86079	16.768835
ENSMUSG Laptm4a	338.1662	342.0872	366.9975	266.903	257.2698	256.82361
ENSMUSG Agr2	0	1.371069	0.225966	20.86374	20.15302	19.496523
ENSMUSG Muc20	2.775323	2.853953	2.689164	3.894926	2.945921	3.496154
ENSMUSG Matn3	0	0.069833	0.026176	0.013279	0.055748	0

ENSMUSG Allc	0	0	0	0	0	0
ENSMUSG Fkbp1b	5.190201	5.717316	5.50769	3.931943	3.610485	5.282929
ENSMUSG Ubxn2a	21.3974	23.66476	18.00864	19.22997	20.46676	19.709217
ENSMUSG Dcdc2c	0	0	0	0	0	0
ENSMUSG Rnaseh1	6.217121	7.49259	7.966704	6.393457	6.544176	7.462708
Mus_musc Mus_musc	0	0.40856	0.243467	0.10244	0	0
ENSMUSG Pfn4	0	0	0.031841	0	0	0.037601
ENSMUSG Cmpk2	7.4273	7.176707	11.04864	7.322219	5.983373	5.128522
ENSMUSG Fga	0	0	0	0.047086	0.167781	0.021359
ENSMUSG Lrat	10.22797	8.344956	10.02589	8.44432	4.718841	5.895441
ENSMUSG Sfxn2	3.109636	4.16704	3.470734	3.425706	2.880006	3.187606
ENSMUSG Gucy1b1	64.87247	62.867	71.45079	36.84485	38.60238	32.082361
ENSMUSG Trim8	42.78519	40.90731	42.37117	34.8045	36.49808	36.972763
ENSMUSG Snx7	13.99465	15.0149	14.69258	18.86216	19.26982	25.52836
ENSMUSG Asic5	0	0	0	0	0	0
ENSMUSG Efhc2	0.242512	0.136123	0.184017	0.155007	0.332888	0.304116
ENSMUSG Acot1	12.32372	10.0825	7.898549	9.577558	12.81762	8.126101
ENSMUSG Sod3	63.84975	47.59062	64.68194	52.26448	53.15333	55.640606
ENSMUSG Ptgr2	16.03265	16.53301	13.86014	17.03164	15.06792	14.256772
ENSMUSG Nup62cl	1.406793	0.993658	0.471887	0.498309	0.575724	0.96876
ENSMUSG Ripply1	0	0	0	0	0	0
ENSMUSG Lbhd2	0	0.12694	0	0.16986	0	0.710354
ENSMUSG Nol11	6.689662	6.570897	5.636812	5.984433	6.137351	6.88278
Mus_musc Mus_musc	6.534943	6.274663	4.69931	3.912155	5.027212	5.887057
ENSMUSG Rlbp1	0.078742	0	0	0	0.026147	0.16931
ENSMUSG 1110008P	16.16026	15.29731	16.68689	23.49857	28.79443	27.267364
ENSMUSG Orm1	0.488154	1.547274	0.216456	4.151464	2.117453	2.392282
ENSMUSG Adk	54.44537	59.15227	52.16492	42.8589	38.32852	41.525783
ENSMUSG Rbpj	6.721858	7.093342	6.213923	7.992534	7.48056	9.53809
ENSMUSG Nlrc4	0.767679	0.440243	0.771517	0.866585	0.90435	1.182001
ENSMUSG Mpp3	1.090952	0.971023	1.09389	0.449945	0.466774	0.204843
ENSMUSG Il1rapl1	0.004982	0.020241	0	0	0.01204	0
ENSMUSG Hcrr2	0	0	0	0	0.004914	0
ENSMUSG Ptchd3	0	0	0.045698	0	0.033785	0.043307
ENSMUSG Zdhhc1	24.25667	22.6557	21.73614	19.36153	18.39787	19.118316
ENSMUSG Actn2	0.637609	3.976413	0.800162	1.681049	1.279707	0.976621
ENSMUSG Sirpa	35.78181	32.51559	39.31908	44.60403	45.82309	52.922754
ENSMUSG Bri3bp	1.840927	1.641569	1.720001	2.23465	2.520029	2.89138
ENSMUSG Ankrd9	2.857548	3.133008	3.398421	2.346316	3.517962	2.960359
ENSMUSG Ankrd13b	3.647165	3.116302	3.251555	2.596833	2.925264	3.05537
ENSMUSG 4930539E	0	0.050351	0.02205	0.0321	0.138852	0.056133
ENSMUSG Neurog1	0	0	0	0	0	0
ENSMUSG Fyb2	0.125734	0.066132	0.067984	0.131067	0.132101	0.075119
ENSMUSG Gm47189	0	0	0	0	0	0
ENSMUSG Olfr1167	0	0	0	0	0	0
ENSMUSG Ccdc78	2.701359	2.770587	2.497053	5.640277	4.525136	5.642278
ENSMUSG Naip5	1.409158	1.441247	1.67959	2.054273	1.879863	2.108281
ENSMUSG Gm20897	0	0	0	0	0	0
ENSMUSG Gml2	0	0	0	0	0	0
ENSMUSG Gm4841	0.039289	0.084114	0.856824	0.738925	0.228004	0.530558
ENSMUSG Gm8225	0	0	0	0	0	0
ENSMUSG Lss	6.367505	5.563547	5.995808	8.041371	6.365335	9.521938
ENSMUSG Rnf125	9.742317	11.37608	9.499835	9.329389	11.18584	10.29795
ENSMUSG Slc7a6os	16.19228	16.20935	16.40064	15.30043	16.16882	16.107649
ENSMUSG Kirrel2	0	0	0	0	0	0
ENSMUSG Cdc14b	4.574849	4.788231	4.892226	3.45534	3.422418	3.518588
ENSMUSG Ripk4	11.74278	11.24066	9.074897	7.90058	7.083157	7.966915
ENSMUSG Olfr812	0	0	0	0	0	0
ENSMUSG Olfr1257	0.018421	0	0	0	0	0
ENSMUSG Gnaq	23.62815	26.11881	22.72785	21.15527	22.2751	20.097513
ENSMUSG Hsd17b7	2.575677	2.270757	2.578033	2.776602	2.484697	3.5483
ENSMUSG Ddr2	15.53683	15.02222	13.55038	12.01221	11.06396	10.800308
ENSMUSG Ccdc3	1.373474	0.761953	1.228931	1.056284	1.168121	0.81918
ENSMUSG Uap1	22.17089	22.57853	22.69031	23.21711	22.99247	21.952607

ENSMUSG Optn	8.132478	9.428069	7.877672	8.676496	8.454938	8.245741
ENSMUSG Enkur	5.245277	6.758977	3.801556	7.869914	7.724454	6.242208
ENSMUSG Rgs5	2.313944	2.582307	1.916988	13.36029	11.95442	13.92216
ENSMUSG Rhox8	0	0	0	0	0	0
ENSMUSG Kcp	0.610267	0.269993	0.274769	0.285639	0.324588	0.350245
ENSMUSG Olfr1201	0	0	0	0	0	0
ENSMUSG Nipa2	9.827918	8.742928	9.049671	9.617551	9.901389	10.718124
ENSMUSG Oca2	0	0	0	0	0	0
ENSMUSG Herc2	13.51355	14.37185	12.15615	12.08659	13.16071	12.820362
ENSMUSG Ino80d	7.047767	7.466304	6.549166	5.880071	5.750746	5.997823
ENSMUSG Rsph6a	0	0	0	0	0	0
ENSMUSG Begain	0.918972	0.360071	0.45683	0.379676	0.384055	0.466489
ENSMUSG Crocc	2.069273	1.988319	1.994614	1.751941	1.71789	1.730899
ENSMUSG Atp1a2	12.57815	13.76447	13.06197	10.22217	11.28364	8.981827
ENSMUSG Srarp	0	0	0	0	0	0
ENSMUSG Lrrc8b	22.65298	20.83261	19.74799	16.37789	17.78087	15.481312
ENSMUSG 2010300C	7.379697	8.260536	6.306378	7.356695	7.407104	7.873592
ENSMUSG Asnsd1	10.73184	11.75512	11.18616	15.28216	13.71334	13.129049
ENSMUSG Stk17b	18.57752	15.10283	17.43261	14.96635	12.72927	16.013632
ENSMUSG Ormdl1	7.430915	7.453137	8.50306	9.00119	8.729871	9.835258
ENSMUSG Osgepl1	4.219505	5.297093	4.039848	4.376189	3.084898	3.636489
ENSMUSG Pms1	1.192111	1.305269	1.220522	1.629201	1.478194	1.207278
ENSMUSG Nkg7	7.71185	4.963556	26.22556	9.308877	4.67356	9.972924
ENSMUSG Etfb	75.47166	74.89183	71.73343	63.60654	77.20843	83.11906
Mus_musc Mus_musc	0.161405	0.230992	0.39847	0.390509	0.248678	0
Mus_musc Mus_musc	0	0	0	0.210929	0	0.726326
Mus_musc Mus_musc	0.348503	0.2812	0.060733	0.366728	0	0.390064
Mus_musc Mus_musc	0	0	0	0.282953	0.151782	0.427771
Mus_musc Mus_musc	0.145177	0.217098	0.399015	0.236633	0.71585	0.194975
Mus_musc Mus_musc	0.551854	0.311973	0.208833	0.386722	1.145612	0.426249
Mus_musc Mus_musc	0.248888	0	0	0.076772	0	0.212356
Mus_musc Mus_musc	0.209868	0	0	0.111031	0	0.107691
Mus_musc Mus_musc	0	0	0.052817	0.161415	0	0.230621
Mus_musc Mus_musc	0.167499	0	0.045413	0.102913	0.040818	0.128402
ENSMUSG Btdb2	19.20832	17.06307	17.76425	15.11651	13.97354	16.019686
ENSMUSG Csnk1g2	66.78688	65.26439	66.24813	55.67985	62.74804	54.247425
ENSMUSG Abhd17a	38.52061	31.1198	31.03032	29.44368	35.06203	34.400149
ENSMUSG Atp8b3	0	0	0	0	0	0.039033
ENSMUSG Vmn2r29	0	0.018271	0	0	0.010943	0
ENSMUSG Mob3a	18.40061	16.48656	19.58563	20.83494	19.6777	23.45129
Mus_musc Mus_musc	0.210539	0.200102	0.063193	45.0447	20.55106	0.324327
ENSMUSG Rpl24	224.8794	231.8827	225.7903	262.0102	237.8488	233.26611
Mus_musc Mus_musc	0	0	0	0.369723	0.096255	0.040177
Mus_musc Mus_musc	0	0.012876	0.209386	2.107465	1.41883	2.08059
Mus_musc Mus_musc	0	0.062196	0	0.12843	0	0.23869
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0.105727	0	0.195001	0.050514	0.070836	0
ENSMUSG Olfr952	0	0	0	0	0	0
Mus_musc Mus_musc	0.277204	0.282581	0.322869	0.234597	0.302422	0.040567
ENSMUSG Bex4	41.46374	43.17673	42.95832	37.76161	44.75877	35.567806
ENSMUSG Bri3	26.67053	22.01089	23.42564	23.65835	21.64007	23.270617
ENSMUSG Diras2	1.224483	1.867348	0.968577	1.758414	1.796943	1.992529
ENSMUSG Fndc11	0.553992	0.354885	0.262427	0.222647	0.224963	0.480091
Mus_musc Mus_musc	0.32623	0.407504	0.364566	0.326646	0.593422	0.327432
ENSMUSG Gm8693	0	0	0	0	0	0
ENSMUSG Gm15091	0	0	0	0	0	0
Mus_musc Mus_musc	0.224947	0.347788	0.340752	0.38321	0.099309	0.365146
Mus_musc Mus_musc	0.278252	0.743595	0.130724	0.732432	0.684529	0.405648
ENSMUSG Slc38a8	0.017276	0	0	0	0	0
Mus_musc Mus_musc	0.106551	0.160856	0	0	0.139285	0.61507
ENSMUSG Rhov	0.730154	0.702592	0.598964	1.736687	1.591215	1.514859
ENSMUSG Gpc1	3.789655	5.640624	6.834336	6.626544	6.163023	7.226713
ENSMUSG BC029722	21.86718	22.67133	21.61766	20.601	21.72012	21.47053
ENSMUSG Cpne1	22.19624	29.47152	18.15209	22.46664	17.00751	14.552814

ENSMUSG Fam83c	0	0	0.017353	0.100984	0.107541	0.041734
ENSMUSG 6430550D	0.384456	0.432128	0.462813	0.481513	0.604537	0.515073
Mus_musc Mus_musc	0	0	0	0.250809	0	0
Mus_musc Mus_musc	0	0	0	0.359081	0	0.370322
Mus_musc Mus_musc	0.681577	1.434083	1.181757	1.241333	0.994422	0.525668
Mus_musc Mus_musc	3.362711	3.361287	4.387227	3.542528	4.405864	3.185244
ENSMUSG Dazap1	22.94809	23.18642	25.58608	24.16547	22.37315	22.640297
ENSMUSG B3gat1	0	0	0	0	0	0
ENSMUSG Smarcd3	2.663941	2.951925	2.901801	3.237997	2.785834	2.508221
ENSMUSG Nol9	6.306871	5.867264	5.462733	6.267225	5.676177	6.537701
ENSMUSG Onecut2	0.010391	0.003457	0	0.015568	0.004182	0.015996
ENSMUSG Rheb	46.22923	42.44917	41.78518	38.38459	40.65999	38.144966
ENSMUSG Prkag2	7.911413	8.061049	7.190455	7.709417	7.829803	8.143133
ENSMUSG Hes3	0	0	0	0	0	0
ENSMUSG Hes2	0.585799	0.702135	0.318372	0.784074	0.411301	0.663319
ENSMUSG Espn	2.113932	2.181285	1.453816	1.716598	1.72249	2.039205
ENSMUSG Nbr1	36.6531	36.54705	32.85202	29.80221	34.45876	30.675435
Mus_musc Mus_musc	0	0	0	0.254834	0	0
ENSMUSG Foxc2	0.392232	0.06782	0.324079	0.226381	0.199024	0.195001
ENSMUSG Ifit1bl1	1.940162	1.769715	2.247821	1.603701	1.741257	1.30656
ENSMUSG Vmn1r67	0	0	0	0	0	0
ENSMUSG Igbp1b	0	0	0	0	0	0
ENSMUSG Hmga1	8.128315	7.396794	8.28252	13.48032	10.64606	12.743723
ENSMUSG Lemd1	0.016123	0	0	0.919607	0.174735	0.66863
ENSMUSG Gm11096	0	0	0	0	0	0
ENSMUSG Naa80	15.21869	12.88988	14.17537	10.23032	10.79038	10.660929
ENSMUSG Nxph3	2.025884	2.277881	1.882204	2.80258	1.482954	1.749732
Mus_musc Mus_musc	0.25764	0.240256	0.243551	0.334421	0.372881	0.272367
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.315748
Mus_musc Mus_musc	0.074355	0.069785	0.157024	2.79271	4.106898	3.702649
Mus_musc Mus_musc	0.11021	0.54894	0.250575	0.143834	0.235599	0.111701
Mus_musc Mus_musc	0.256418	0.484884	0.360786	0.238694	0.374005	0.215782
Mus_musc Mus_musc	0.092865	0	0.168936	0	0	0
Mus_musc Mus_musc	0.321526	0.241818	0.396013	0	0.085668	0
ENSMUSG Plekhh3	10.13777	8.39211	8.199102	5.745094	5.790244	4.843163
ENSMUSG Ccdc186	13.73452	15.57052	11.65731	11.74085	11.57027	12.31703
ENSMUSG Nfkbil1	8.060116	6.960975	8.223667	8.461438	10.8456	9.036109
ENSMUSG 1110059E2	15.32589	13.6191	13.16421	14.39395	13.20474	13.923089
ENSMUSG Nlrp2	0	0	0	0	0	0
ENSMUSG Ppp1r32	1.198861	1.555076	0.980363	2.282566	2.012173	2.191038
ENSMUSG Ccno	1.011659	1.618642	1.074885	2.727552	1.645382	2.56181
ENSMUSG Prdm14	0.021047	0	0	0	0	0
ENSMUSG Shisal2a	0	0	0	0	0.227958	0.284533
ENSMUSG Mrpl2	20.37005	18.07686	21.05919	19.66499	20.15812	18.471587
ENSMUSG Atl2	13.54807	15.84223	13.18319	14.68491	13.02324	13.609497
ENSMUSG Rgs3	28.61712	27.42897	30.52601	20.77289	19.88708	22.38285
ENSMUSG Gnmt	5.169683	6.735637	5.802125	2.430257	2.357554	2.706381
ENSMUSG Mea1	26.2725	30.34501	26.01194	27.82868	27.79728	31.068023
Mus_musc Mus_musc	0	0	0.337872	0	0	0
ENSMUSG Cryba1	0	0	0	0	0	0
ENSMUSG Phf1	27.96757	27.35353	30.20495	24.11905	20.56483	20.141891
ENSMUSG E230025N	0.096161	0.037046	0	0.273109	0.054359	0.112376
ENSMUSG Dok7	0.499176	0.499397	0.297672	0.371935	0.428338	0.258345
ENSMUSG Gskip	8.10457	7.548225	7.187986	7.621811	6.902877	7.497941
ENSMUSG Slc38a6	2.415181	2.106897	2.379994	4.352066	4.662962	5.046633
Mus_musc Mus_musc	0.360913	0.724232	0.429182	0.30909	0.178872	0.147279
ENSMUSG Eya4	1.360599	0.87787	0.545175	0.695824	0.953138	0.777142
ENSMUSG Dusp1	237.2962	155.5274	284.0239	46.81525	97.9624	71.118286
ENSMUSG Katnal1	3.029907	3.865559	2.653347	2.977651	2.631556	2.708349
ENSMUSG Adgrf1	0	0	0	0	0	0
ENSMUSG Cdk13	6.903208	7.820196	6.518739	7.153488	6.252098	7.090081
ENSMUSG BC117090	0	0	0.326959	0	0	0
ENSMUSG Gm5483	1.049161	0.493119	1.252739	0.899083	0.309801	0.167725

ENSMUSG C1qtnf5	7.314293	6.154971	7.692112	7.318462	5.605638	6.109036
ENSMUSG Gm14597	2.688713	3.367758	3.713937	2.546177	2.069851	2.14915
ENSMUSG Clec2l	0.039371	0.077479	0.026263	0.104068	0.049288	0.184444
ENSMUSG Vmn1r237	0	0	0	0	0	0
ENSMUSG Fen1	4.249732	4.291343	5.544927	8.049966	9.356231	8.185505
ENSMUSG Iqcf1	0	0	0	0	0	0
ENSMUSG Iqcf5	0.229665	0	0	0	0	0
ENSMUSG Fgf6	0	0.013603	0	0	0	0
ENSMUSG Fgf23	0	0	0	0.052867	0.211024	0.155249
ENSMUSG Lct	0	0	0	0	0	0.017571
ENSMUSG Ntrk2	2.273612	5.996104	3.341178	2.359697	2.618247	3.99551
ENSMUSG Ccnd2	25.49951	24.15472	24.49245	22.532	23.68424	22.394017
ENSMUSG Rasef	8.348385	12.71941	7.528293	10.48263	9.035985	10.548363
ENSMUSG Ccdc85c	5.893569	6.080131	5.88417	4.134676	3.921551	4.606912
Mus_musc Mus_musc	0.222257	0	0.430123	0.09346	0	0
Mus_musc Mus_musc	0	0.048257	0	0.14301	0	0.111181
Mus_musc Mus_musc	0.821335	1.274743	0.864692	0.940542	0.919662	0.803973
Mus_musc Mus_musc	0.541839	0	0.700486	0	0	0.149053
Mus_musc Mus_musc	0	0	0.033251	1.162157	0	0.061882
ENSMUSG Ankrd13a	69.55645	69.92541	66.24091	53.63358	56.56382	52.894858
ENSMUSG Prokr2	0	0	0	0	0.012485	0
ENSMUSG Il17f	0	0.039298	0	0	0	0
ENSMUSG Hyls1	2.061496	1.643745	1.778411	2.014019	2.355443	2.243515
ENSMUSG Kcnb1	1.11315	1.327242	1.306487	1.019351	0.819987	1.051131
ENSMUSG Ipo9	12.11225	11.76057	10.54243	10.22664	10.89779	13.348433
ENSMUSG Gk2	0	0	0	0	0	0
ENSMUSG Lamtor4	16.67444	16.66276	19.47055	16.2473	19.01909	21.105392
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	3.41201	10.91528	3.35252	3.004713	12.15589	9.931179
Mus_musc Mus_musc	0.195424	0.054338	0	0.452442	0	0
Mus_musc Mus_musc	0.68542	1.516805	0.56844	1.493806	1.167089	0.963267
Mus_musc Mus_musc	3.946839	3.153227	2.037271	4.678786	4.131865	3.355215
Mus_musc Mus_musc	0	0	0	0.170465	0	0
Mus_musc Mus_musc	0.429097	0.477675	0.105733	0.461001	0.656687	0.186333
ENSMUSG Olfr667	0	0	0	0	0	0
ENSMUSG Abcd2	5.303714	4.827408	4.544511	8.665655	10.02829	8.780943
ENSMUSG Usp26	0	0	0	0	0	0
Mus_musc Mus_musc	0.025522	0.026762	0.136501	0.399712	0.545783	0.574355
Mus_musc Mus_musc	0	0	0	0	0	0.283073
Mus_musc Mus_musc	0.406234	0	0	0	0	0
ENSMUSG E330017A	0	0.016294	0	0.133025	0	0
ENSMUSG Foxd3	0	0	0	0	0	0
ENSMUSG Omt2b	0	0	0	0	0	0
ENSMUSG Olfr513	0	0	0	0	0	0
ENSMUSG Mrgprd	0	0	0	0	0	0
ENSMUSG Gm5447	0.042739	0.053873	0.046403	0.121115	0	0.047787
ENSMUSG Kcnq3	0.012404	0.011863	0.004243	0.025799	0.013295	0.01215
ENSMUSG Gpr119	0	0	0	0	0	0
ENSMUSG Xylt1	8.491001	6.893392	7.288694	5.899072	6.057844	5.759598
ENSMUSG Bak1	13.08915	12.89043	18.22213	20.58939	19.50454	21.305951
ENSMUSG Ddx49	13.43553	12.83001	13.99487	12.97607	10.82764	12.104306
ENSMUSG Trappc6b	56.29781	51.29065	55.51151	43.1187	52.11796	47.129662
ENSMUSG A730009L	0	0	0	0	0	0
ENSMUSG Gja5	20.57326	15.75644	19.19987	15.1411	12.06237	17.355048
ENSMUSG Cep350	7.410936	8.306413	6.374545	7.486617	7.703216	7.361633
ENSMUSG Gm33543	0	0.067208	0	0	0	0.096051
ENSMUSG Sdhb	48.32114	47.13382	53.83541	57.51909	53.25661	54.015678
ENSMUSG Dlg2	0.106761	0.071417	0.075455	0.063072	0.16771	0.082156
ENSMUSG Insyn1	3.415272	3.406913	3.759626	5.184247	4.488997	5.312742
ENSMUSG Pcnx2	0.337708	0.400914	0.259381	0.361908	0.237932	0.300353
ENSMUSG Ankrd17	12.72362	13.81988	10.68495	12.19787	13.19819	12.874871
ENSMUSG Med20	10.70864	10.37401	12.57406	10.24933	10.5224	9.194808
ENSMUSG Olfr322	0	0	0	0	0	0
ENSMUSG Dtdw2	0.68622	0.687421	0.81396	0.942013	0.670916	0.770727

ENSMUSG Hsd17b4	42.68373	44.40304	38.74413	42.46255	43.64175	41.770855
ENSMUSG Ppm1k	2.86491	3.399673	3.578011	3.406398	2.949071	2.628882
ENSMUSG Tspan14	38.62161	38.25893	41.34809	44.57521	46.20155	47.191582
ENSMUSG Smim14	33.73513	29.6698	29.28527	24.03312	23.68649	23.093458
ENSMUSG Tgm2	150.6971	151.8555	182.2608	135.1666	139.9526	141.52936
ENSMUSG Ndufa13	25.3529	28.27976	28.46697	32.07479	29.07365	29.370033
ENSMUSG Arhgap36	0	0.029763	0	0.046932	0.01822	0
ENSMUSG Gxylt1	13.48552	12.06535	12.15005	10.59988	11.48783	9.634124
ENSMUSG Slc26a8	0.154216	0.137953	0.041705	0.038502	0	0.018619
ENSMUSG Vmn1r143	0	0	0	0	0	0
ENSMUSG Gm8914	0	0	0	0	0	0
ENSMUSG Rorb	0.032313	0.051575	0.039521	0.02807	0.010949	0.021088
ENSMUSG Zfp873	1.499868	1.930859	1.29838	1.734019	1.559975	2.054089
ENSMUSG Fiz1	11.37243	13.02255	12.85694	10.60692	10.65983	10.546471
ENSMUSG Vmn1r219	0	0	0	0	0	0
ENSMUSG Nr1h5	0.101544	0.025582	0.110777	0.074763	0.021797	0.06302
ENSMUSG Olfr1418	0	0	0	0	0	0
ENSMUSG Ktn1	24.02041	21.83101	20.42728	16.66978	14.59324	14.408349
ENSMUSG Mapk1ip1l	18.55256	18.10663	16.13222	15.79746	16.79629	15.961306
ENSMUSG Peli2	6.338444	6.659439	5.505997	4.977427	4.673189	4.443902
ENSMUSG Olfr110	0	0	0	0.203939	0.161579	0.313719
ENSMUSG Gm44501	0	0	0	0	0	0
ENSMUSG D6Ertd527	0.788075	0.864842	1.223986	1.118361	0.580699	1.407662
ENSMUSG Vmn2r41	0	0	0	0	0	0
ENSMUSG Tssk4	0.250274	0.289402	0.42645	0.195426	0.367304	0.24818
ENSMUSG Elof1	47.34981	49.69593	40.03097	63.93591	58.06792	65.006027
ENSMUSG Hapln4	0	0.010829	0.04404	0.014313	0.084032	0.029688
ENSMUSG Magea4	0	0	0	0	0	0
ENSMUSG Plppr5	0.023353	0	0.008646	0.050454	0	0.043463
ENSMUSG Prr27	0	0	0	0	0	0
ENSMUSG Tead3	9.010571	8.695354	9.97561	8.028384	7.364803	7.590337
ENSMUSG Tab1	6.161154	6.019257	6.072686	6.669416	6.152158	6.366441
ENSMUSG Tsga10	3.6284	3.793215	2.793709	3.405472	3.158939	3.266091
ENSMUSG 9130213A	0.339753	0.111934	0.073859	0.31104	0.198915	0.228166
ENSMUSG Gm960	0.088146	0.076033	0.055715	0.031695	0.082287	0.118317
ENSMUSG Fchsd2	15.45904	15.33601	16.29478	16.81313	16.85382	16.405661
ENSMUSG Kik10	0.295948	0.285133	0	0.307475	0.332729	0.450471
ENSMUSG Aldoa	283.9536	268.7188	275.1342	271.4525	286.8442	308.02765
ENSMUSG Ppp4c	40.89405	39.2702	47.18976	46.19517	41.17268	49.699089
ENSMUSG Tbx6	0.993335	0.709213	0.935824	0.575836	0.516836	1.145417
ENSMUSG Vmn1r100	0	0	0	0	0	0
ENSMUSG Lum	2.341944	2.617774	2.916219	3.553185	3.506049	3.461618
ENSMUSG Gm11168	0	0	0	0	0	0
ENSMUSG Gm17617	0	0	0	0	0	0
ENSMUSG Gm19668	0	0	0	0	0	0
ENSMUSG Zfp964	1.059694	1.291432	0.864331	1.001406	1.045012	0.911888
ENSMUSG Lcn8	0	0	0	0	0	0
ENSMUSG 4930522L1	1.974765	1.523124	1.518071	2.571806	1.321999	1.447785
ENSMUSG 5430403G	0.539612	0.756307	0.793762	1.178919	0.826118	0.736525
ENSMUSG Jade3	4.551808	4.433528	4.022328	3.293831	3.305983	3.002405
ENSMUSG Bag4	4.057291	4.316403	4.119707	3.863937	3.688533	4.517549
ENSMUSG Tacc3	1.975669	2.36662	1.763559	3.572674	4.543736	4.696718
ENSMUSG Traf3ip3	3.685403	2.882413	3.496436	9.225427	6.722178	7.454291
ENSMUSG Mob3b	3.585195	4.5999	3.433859	5.525806	5.438815	5.87997
ENSMUSG Notch2	16.91079	14.42422	14.47546	12.16061	12.47636	13.617156
ENSMUSG Sec22b	19.43215	22.23266	23.53879	26.46933	23.2145	26.814955
ENSMUSG Atp6v1g2	1.737905	1.401631	1.364764	1.805415	1.722749	2.800246
ENSMUSG Hao2	0	0	0	0.048324	0	0
ENSMUSG Hsd3b1	0	0	0	0.045122	0	0
ENSMUSG Hmgcs2	6.85165	8.073032	5.123903	7.814754	9.313962	6.555939
ENSMUSG Reg4	0	0	0	0	0	0
ENSMUSG Gm49325	0.177848	0.121936	0.174933	0	0	0
ENSMUSG Art2a-ps	0.224381	0.219249	0.272421	0.709078	0.298678	1.200508
ENSMUSG Pou5f1	0	0	0	0	0	0

ENSMUSG Ciao2b	18.84833	24.67623	27.73239	22.89074	21.62178	25.407134
ENSMUSG Nae1	18.82046	15.67758	17.31397	16.26033	12.93237	13.644247
ENSMUSG Ces2g	10.21138	10.72841	10.19603	7.580567	5.97409	6.504694
ENSMUSG Gm45711	0	0	0	0	0	0
ENSMUSG Cmtm3	25.44789	29.67635	28.76945	38.49016	35.81261	38.141595
Mus_musc Mus_musc	0.358374	0.229811	1.862262	1.62325	0.406958	0.823883
ENSMUSG Bean1	0.039761	0.059883	0.113855	0	0.041352	0.185057
ENSMUSG Cdh5	251.4441	241.586	232.15	157.4959	167.6857	158.79679
ENSMUSG Pgr	0.531368	0.84124	0.551881	0.507297	0.373656	0.502402
ENSMUSG Gm20521	0	0	0	0	0	0
ENSMUSG Gm20403	0.144537	0.168756	0.211101	0.089725	0.203497	0.129391
ENSMUSG Nxph2	0	0	0	0	0	0
Mus_musc Mus_musc	0.158954	0.435089	0.105367	0.149349	0.491752	0.233081
ENSMUSG A730071L	0	0	0.01902	0	0	0.071559
ENSMUSG Xkrx	0.54533	0.27047	0.256987	0.585459	0.243817	0.549997
ENSMUSG SrpX2	2.517719	2.17597	2.033984	2.03464	2.326791	2.496144
ENSMUSG Tnmd	0	0	0	0.035626	0	0
ENSMUSG Nox1	0.379943	0.202737	0.531556	0.280654	0.174423	0.161621
ENSMUSG Cstf2	9.33503	10.3902	8.891875	9.388579	9.201487	8.979604
ENSMUSG Sytl4	2.932448	2.28442	2.588633	2.364606	2.240149	2.245887
ENSMUSG Phkb	10.36513	11.94774	9.515631	11.90961	12.07329	13.035313
ENSMUSG A530016L	0.161068	0.615183	0.053385	0.188606	0.046744	0.37536
ENSMUSG Prss23	32.72846	28.91201	42.1605	25.56449	22.15554	23.118465
ENSMUSG A530032D	0.748433	0.589197	1.558726	3.291214	3.176139	3.083729
ENSMUSG Timm10b	12.37964	12.40938	16.52217	18.17618	24.07754	18.789841
ENSMUSG Gm4491	0	0	0	0	0	0
ENSMUSG Lancl2	8.431914	7.616015	7.313948	5.987224	6.502865	5.853934
ENSMUSG 2700097O	1.637065	1.742765	1.92312	1.625988	1.662238	1.870782
ENSMUSG Olfr1465	0	0	0	0	0	0
ENSMUSG Pcdh11x	0.004837	0.008702	0	0.011324	0	0.009354
ENSMUSG Tmub2	18.4489	18.17846	18.72591	17.33616	18.13206	18.178761
ENSMUSG Mast4	7.098079	8.526116	5.740355	6.627585	6.492628	6.962201
ENSMUSG Mbip	18.83822	15.35282	17.43624	17.80459	14.11821	16.23713
ENSMUSG Nfkbia	100.276	87.05351	107.5921	56.45628	78.87687	70.371109
ENSMUSG PsmA6	62.07383	60.71263	65.68552	58.7039	58.2171	56.96349
ENSMUSG Ralgapa1	10.70071	11.55393	10.42875	9.579497	9.468662	9.261742
ENSMUSG Tle6	3.116113	2.865932	3.113575	3.739938	3.026954	3.613234
ENSMUSG 1110008L1	2.128615	1.915276	1.369527	2.645654	2.94161	2.565026
ENSMUSG Ppp2r3c	4.166436	3.778272	3.69904	3.675857	3.986172	4.275673
ENSMUSG Kap	0	0	0	0	0	0
ENSMUSG Bet1	14.49727	13.65586	14.23354	16.82137	14.35314	17.401348
ENSMUSG Slc8b1	9.493676	8.284213	11.23337	11.96267	12.31245	11.743696
ENSMUSG Gab3	1.883456	1.756029	1.929542	1.538726	1.016554	1.47272
ENSMUSG Snx8	9.571014	9.710819	10.72723	13.14598	12.59531	14.683376
ENSMUSG Rpl26	12.37064	12.66155	16.86976	15.43156	14.70541	17.435157
ENSMUSG Foxp2	1.883679	1.646585	1.54532	0.904477	1.08874	0.916484
ENSMUSG 4930519G	0	0	0	0	0	0
ENSMUSG Vmn1r212	0	0	0	0	0	0
ENSMUSG Tmem168	12.95195	12.56611	12.17622	12.34887	12.10933	12.175244
ENSMUSG Nutm2	0	0	0	0	0	0
ENSMUSG Arrdc4	10.12248	10.63487	11.69561	14.4756	12.92339	16.022206
ENSMUSG Dbx2	0	0	0	0	0	0
ENSMUSG Alkbh5	29.08131	30.19918	27.23616	23.9501	24.05568	23.512161
ENSMUSG Retn	0.31426	2.06975	0	1.516734	0.497209	1.241533
ENSMUSG Shisa12b	0	0	0	0	0	0
ENSMUSG Prodh	11.97879	10.81302	11.76494	7.946051	6.312699	7.773155
Mus_musc Mus_musc	0	0	0	0	0.240112	0
ENSMUSG Tnfrsf13c	2.233426	1.740596	1.319398	5.478488	4.784097	4.752531
ENSMUSG Tex38	0.112538	0.20395	0	0	0	0
ENSMUSG Tceal3	0.611776	1.379234	0.930057	0.765297	1.04541	0.610323
ENSMUSG 9930012K	6.353024	6.393871	6.502741	4.95515	4.137853	3.872565
ENSMUSG Crb2	0.440834	0.418393	0.364228	0.365957	0.143066	0.394318
ENSMUSG Emsy	8.37839	10.05615	8.075376	7.421161	7.376833	8.431003
ENSMUSG Kank4	6.988475	7.285457	7.54181	4.336976	4.498527	5.004162

ENSMUSG Trim47	10.17995	9.275004	9.132469	9.055302	10.31485	10.599853
ENSMUSG Unk	9.022279	8.402837	9.041516	7.050701	6.832144	6.718695
ENSMUSG Smim12	17.63411	17.51727	20.27647	16.35854	16.61142	16.649031
ENSMUSG Fbf1	8.443773	8.881672	8.036375	8.141761	7.431154	8.684553
ENSMUSG Acox1	32.86378	34.64718	30.37042	29.83544	30.70288	32.344827
ENSMUSG Gzmk	1.534249	0.65414	1.545063	1.573974	1.880757	4.248947
ENSMUSG Mrpl38	18.54688	21.15016	20.74006	17.83561	19.67243	17.18989
ENSMUSG Ten1	10.97581	9.741632	11.12618	10.88274	10.71316	11.243556
ENSMUSG Dlgap3	0.135336	0.044015	0.041762	0.05249	0.26342	0.075084
ENSMUSG Trp53inp1	18.65454	21.13706	16.76866	33.05447	33.00682	26.824253
ENSMUSG Ccne2	1.177577	1.171572	1.426973	1.070021	1.269012	1.838442
ENSMUSG Gem	14.16802	9.841191	15.88277	8.55603	8.54724	9.477355
ENSMUSG Cdh17	0.062134	0.067508	0.084858	0.296159	0.278151	0.298571
ENSMUSG Fam92a	6.697042	8.263782	5.626325	6.489034	7.284282	7.205884
ENSMUSG Tmem87a	21.39228	20.98941	19.40698	18.06776	19.0575	18.544147
ENSMUSG Alg3	7.712938	6.215957	6.521231	5.408238	6.16697	6.678375
ENSMUSG Ephx4	0.331739	0.690953	0.482438	0.604499	0.993902	1.100043
ENSMUSG Slc52a3	11.56628	10.38811	10.50895	7.682896	8.128941	7.451452
ENSMUSG Olfr1221	0	0	0	0	0	0
ENSMUSG Olfr1222	0	0	0	0	0	0
ENSMUSG Angpt4	0.286194	0.285092	0.40769	0.546716	0.088589	0.207298
ENSMUSG Olfr1216	0	0	0	0	0	0
ENSMUSG Rbck1	43.00381	39.14686	45.05334	38.63573	35.93961	34.871095
ENSMUSG Olfr1218	0	0	0	0	0	0
ENSMUSG Olfr1219	0	0	0	0	0	0
ENSMUSG Tpx2	0.783726	0.691183	1.153653	2.199935	3.486058	3.885644
ENSMUSG Defb22	0	0	0	0	0	0
ENSMUSG Hap1	5.905479	5.829752	7.282576	6.59862	5.104963	5.734119
ENSMUSG P3h4	11.01036	8.564977	7.747569	5.774571	7.377562	7.337917
ENSMUSG Cttnb1	265.9082	253.9652	235.9034	252.7042	268.7547	291.34894
ENSMUSG Sohlh2	0.023862	0	0	0	0	0
ENSMUSG Dclk1	0.768757	0.903391	0.554964	1.895082	1.757749	1.857458
ENSMUSG Smad9	5.305163	5.130007	4.523763	2.719294	2.795655	2.410411
ENSMUSG Sis	0	0	0	0	0	0
ENSMUSG Ccna1	0.297114	0.155027	0.181319	1.946479	2.113074	2.161692
ENSMUSG Bche	1.526749	1.506541	1.377197	1.193398	1.494952	1.058777
ENSMUSG Nbea	5.877086	6.221752	4.823422	4.506529	4.302845	4.608315
ENSMUSG Rpl23a	337.1786	339.0568	358.3556	393.255	348.7504	369.004
ENSMUSG Gm11555	0	0	0	0	0	0
ENSMUSG Fancd2os	0	0	0	0.023102	0	0
ENSMUSG Gm21304	0	0	0	0	0	0
ENSMUSG Olfr388-ps	0	0	0	0	0	0
ENSMUSG Ppp3r2	0.018207	0.06257	0.029421	0.051469	0.027146	0.050642
ENSMUSG Eif1ad	11.61184	10.68578	11.02998	9.935624	10.52891	10.550426
ENSMUSG Cabp4	0.216413	0.249634	0.181697	0.111025	0.100848	0
ENSMUSG Chka	22.36274	24.2229	23.65087	18.22151	17.97497	18.342345
ENSMUSG Banf1	41.15868	39.26666	39.6022	33.77771	38.27931	35.402003
ENSMUSG Smc2	2.693696	3.329041	3.169123	3.908186	4.845868	4.693749
ENSMUSG Cst6	0.012528	0.029214	0.012838	0.033737	0.03388	0
ENSMUSG Aip	50.16809	55.48779	59.95851	49.63356	47.88179	47.684982
ENSMUSG Plk1	0.979336	0.553029	1.150441	3.01905	3.457162	3.928804
ENSMUSG Ern2	0	0.11773	0	1.321554	1.147058	1.37147
ENSMUSG Chp2	0.600512	1.328798	0.320932	3.210216	2.186839	3.523321
ENSMUSG Cpxm2	0.393318	0.190482	0.237047	0.689088	0.589726	0.623491
ENSMUSG Acadsb	16.73616	19.04896	16.65319	14.53215	14.09411	12.972877
ENSMUSG Ndufab1	10.26826	11.64016	13.04172	14.48082	14.64404	14.647395
ENSMUSG Dctn5	26.80701	28.5156	28.98026	28.32805	31.27282	29.410156
ENSMUSG Pgf	2.145209	1.563397	3.348951	2.41898	3.999354	2.463883
ENSMUSG Ulk2	18.19131	18.97933	17.22396	15.02812	14.89489	13.982921
ENSMUSG Gm6970	0.175327	0.115153	0	0.500362	0.591753	0.393816
ENSMUSG Rfx5	5.358731	4.51026	5.228221	6.291943	5.329759	5.80209
ENSMUSG Psmb4	85.4822	88.25565	91.59689	88.86224	86.49317	88.655869
ENSMUSG Il13	0	0	0	0.433944	0.778221	0.387479
Mus_musc Mus_musc	0	0.308619	0	0	0	0

Mus_musc Mus_musc	0	0.158934	0.055703	0	0	0.27704
Mus_musc Mus_musc	0	0.181677	0	0	0	0
Mus_musc Mus_musc	0	0.176875	0	0.385455	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Depdc7	1.513857	1.698687	1.599125	1.473823	1.525674	1.37296
Mus_musc Mus_musc	0	0	0.305863	0.06521	0	0
Mus_musc Mus_musc	0.103686	0.070982	0.196942	0.058668	0.405656	0
ENSMUSG Vsx1	0	0	0	0	0	0
ENSMUSG Dio2	0.248143	0.17729	0.041195	0.276092	0.453166	0.355988
ENSMUSG Gdpd5	5.704145	4.901864	4.971829	4.613011	4.738759	4.962004
ENSMUSG Dpy19l2	0.125154	0.095132	0.014724	0.148586	0.16242	0.118474
ENSMUSG Clec1a	53.50034	56.43015	51.889	31.17281	36.4231	27.961611
ENSMUSG Gal3st2	0.019438	0.018701	0	0.017806	0	0.009715
ENSMUSG Cstf3	6.956229	7.536038	6.803383	6.985819	7.397013	8.108641
ENSMUSG Rbmy	0	0	0	0	0	0
ENSMUSG Tet1	0.602081	0.690894	0.424364	0.369971	0.381903	0.45444
ENSMUSG Dmrta2	0.096525	0.012833	0.034689	0.04538	0.02856	0.044313
ENSMUSG Zfp654	5.689911	5.444484	4.790867	4.751829	4.652961	4.837639
ENSMUSG Gm15922	5.036436	4.969298	6.440879	8.293994	9.429062	10.827653
ENSMUSG Olfr1052	0	0	0	0	0	0
ENSMUSG Prl7a1	0	0	0	0	0	0
ENSMUSG Rdh1	0.077003	0.017102	0.051669	0.082795	0.022516	0.073078
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0	0.0694	0	0.127233	0.228586	0
ENSMUSG Slc1a7	0.104678	0.254274	0.065451	0.058218	0.044454	0.159318
Mus_musc Mus_musc	0.224493	0	0	0.140743	0.207145	0.364729
Mus_musc Mus_musc	0	0	0.26279	0	0	0
Mus_musc Mus_musc	0	0.09213	0	0.298838	0	0.178746
ENSMUSG Fam129c	1.761512	1.208649	1.867101	1.843395	0.727169	1.71948
Mus_musc Mus_musc	0.968162	0.938125	0.748259	1.345928	1.095455	0.426816
Mus_musc Mus_musc	0	0	0	0	0	0.184231
Mus_musc Mus_musc	0	0.382583	0.129613	0.247034	0	0.267439
Mus_musc Mus_musc	0	0.572818	0.638592	0.248007	0	0.191305
Mus_musc Mus_musc	0	0.033755	0.07391	0	0	0
Mus_musc Mus_musc	0	0	0	0.0777	0.22186	0
Mus_musc Mus_musc	0.178003	0	0.185909	0	0	0.235397
Mus_musc Mus_musc	0.05299	0.162463	0.441271	0.281944	0.429428	0.423361
ENSMUSG Eps8l1	16.71687	13.21619	14.41464	12.05478	11.56914	12.496212
Mus_musc Mus_musc	0	0	0	0.656665	0	0
ENSMUSG E2f3	1.831366	1.79058	2.010476	2.462607	2.588251	2.813431
Mus_musc Mus_musc	0.226183	0.481959	0.50424	0.451697	0.291726	0.360034
Mus_musc Mus_musc	0.188031	0.369145	0	0	0.031436	0
ENSMUSG Gm10058	0	0	0	0	0	0
Mus_musc Mus_musc	0.096185	0.55943	0.439069	0.397585	0.156893	0.129285
ENSMUSG Gm3488	0.117556	0.075343	0.14395	0.034803	0	0.076736
ENSMUSG Gm21119	0.018813	0	0.00493	0	0	0
Mus_musc Mus_musc	1.607061	2.007499	2.530113	2.276364	2.036762	1.476359
Mus_musc Mus_musc	1.286334	1.398348	1.159036	1.691926	1.24987	1.194124
Mus_musc Mus_musc	0.048205	0.035681	0.420034	0.163326	0.297401	0.349099
Mus_musc Mus_musc	1.086712	1.109644	0.75701	0.49009	0.641795	0.80068
Mus_musc Mus_musc	0.776222	0.577556	0.808523	0.547092	0.363376	0.193321
Mus_musc Mus_musc	1.883315	1.696897	1.993977	1.93728	1.582227	1.536501
Mus_musc Mus_musc	0.319208	1.009579	0.885538	0.63398	0.813056	0.771277
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.291269	0	0	0
ENSMUSG Rpl10	509.6117	499.7472	528.7715	525.448	532.5803	537.66572
ENSMUSG Rps15a	36.32912	31.48966	58.03944	41.49513	45.84119	41.125869
ENSMUSG Tbc1d10a	24.6277	21.75855	23.1697	16.98388	17.92359	17.935987
ENSMUSG Neurl1b	2.673567	2.819368	2.587703	2.036722	2.387239	2.065489
ENSMUSG Pkd1l2	0.003843	0	0	0.066601	0.052958	0.05631
Mus_musc Mus_musc	0.188031	0.003872	0	0	0	0
ENSMUSG Ubl3	83.84882	83.99138	88.51761	66.40989	69.33771	65.346892
ENSMUSG Nptx2	0.320973	0.20536	0.35759	0.384606	0.320307	0.220573
ENSMUSG Lypd6	0.393008	0.572958	0.307895	0.207666	0.247481	0.275414

ENSMUSG Fcrl1	2.011491	1.276169	1.422348	4.176654	2.971083	4.032537
ENSMUSG Cnn3	121.8619	112.9295	127.6448	73.59034	72.34116	69.871391
ENSMUSG Tiam1	5.965409	5.541946	4.0867	5.275321	5.662688	5.914517
ENSMUSG Serinc3	354.8354	375.1773	429.8526	299.1098	323.0537	271.34729
Mus_musc Mus_musc	0.162808	0.076026	0	0	0	0.413296
Mus_musc Mus_musc	0	0.367388	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.101084
Mus_musc Mus_musc	0.158854	0	0	0	0	0
Mus_musc Mus_musc	0.291049	0.216338	0.143262	0.255867	0	0.125963
Mus_musc Mus_musc	0.438779	0.559714	0.366564	0.341844	0.488994	0.426643
ENSMUSG Gm14419	0.552083	0.574086	0.053832	0.434692	0.1612	1.03077
ENSMUSG Gm14408	0	0	0	0	0	0
ENSMUSG Gm14295	1.873849	1.965465	1.335192	1.244678	1.754462	2.069039
ENSMUSG Gm14410	9.654932	10.60132	11.01997	8.664784	10.96498	8.444592
ENSMUSG Gm14401	0	0	0	0	0	0.152386
ENSMUSG Arid3a	2.504451	2.377204	2.18672	6.999701	6.282178	6.421682
ENSMUSG Gm14305	5.878196	5.34519	4.149306	4.328797	3.968996	4.643597
ENSMUSG Zfp973	3.082153	2.871402	0.658443	2.373142	1.263809	1.006806
Mus_musc Mus_musc	0.938688	0.403084	0.200263	0.318932	0.109774	0.449493
Mus_musc Mus_musc	2.180227	1.789083	2.762223	1.303379	0.874637	0.762484
Mus_musc Mus_musc	2.944517	2.547113	2.514107	2.965688	2.278462	2.51147
Mus_musc Mus_musc	0.512086	0.441803	0.355476	0.302369	0.06661	0.060089
Mus_musc Mus_musc	0.070341	0.217152	0.123945	0.180688	0.051268	0.26874
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.211908	0	0	0	0	0
Mus_musc Mus_musc	0.234064	0.083887	0.167184	0.136108	0	0.111582
ENSMUSG Stx3	15.7965	17.57115	17.69119	13.4023	13.31465	13.967364
ENSMUSG Serpina3g	12.28653	8.880128	65.00768	113.471	71.78674	60.994083
ENSMUSG Zfp281	10.02358	9.10873	8.92902	8.05405	7.694236	7.143986
ENSMUSG Piezo2	6.655343	5.998243	5.588583	4.171304	3.903828	3.839277
ENSMUSG 4933411K	0.257385	0.633339	0.205294	0.226221	0.063042	0.43484
ENSMUSG Vmn2r79	0	0	0	0	0	0
ENSMUSG Gm3512	0.28624	0.033278	0.066948	0.024888	0.060191	0.035135
ENSMUSG Gm9970	0.049781	0	0	0.043343	0	0.064438
ENSMUSG Gm3043	0	0	0	0	0	0
ENSMUSG Pcdh9	0.030565	0.063016	0.022824	0	0	0.005903
ENSMUSG Gzmg	0	0	0	0	0	0
ENSMUSG Stac3	0.156835	0.204838	0.176586	0.180922	0.07847	0.105583
ENSMUSG Olfr414	0	0	0	0	0	0
ENSMUSG BC052040	1.165829	1.196044	0.859462	1.011435	1.153987	1.190589
ENSMUSG Btnl9	0.14385	0.236014	0.243937	0.229369	0.127318	0.119007
ENSMUSG Siglech	1.254384	1.242276	0.991908	1.006342	0.937097	1.203311
ENSMUSG Wdfy4	7.135762	5.66616	5.344752	9.834638	8.99499	11.350142
ENSMUSG Hey1	51.7904	44.10439	39.61214	25.13252	30.44904	23.394884
ENSMUSG Gm6583	0.050523	0.170756	0.06128	0.044887	0.022992	0.047016
ENSMUSG Ufsp1	1.951937	1.616155	2.602627	1.615816	1.422246	1.775612
ENSMUSG Map3k4	8.254336	7.811188	8.09112	7.696044	6.944883	7.46371
ENSMUSG Olfr1464-r	0	0	0	0	0	0
Mus_musc Mus_musc	0.175551	0.147055	0	0.140426	0.077272	0.18765
ENSMUSG Gemin6	2.594137	1.837015	1.728393	2.722417	2.439512	2.530206
ENSMUSG Eef1d	61.84256	60.38274	53.02918	45.20606	46.68852	46.047755
ENSMUSG Cmtm5	0	0.042277	0	0.070083	0	0
ENSMUSG Myh6	9.669604	41.29212	8.986663	16.75664	13.14431	11.305542
ENSMUSG Lat2	1.971256	1.212431	4.339585	13.02781	9.37566	11.761836
ENSMUSG Hist1h2af	0.086476	0.220829	0.579209	0.110995	0.465561	0.829762
ENSMUSG Pcdhga9	1.611855	1.74396	1.846685	1.255683	0.727287	1.183975
ENSMUSG Lztf1	5.833729	6.130842	5.540525	5.915084	5.789178	5.32546
ENSMUSG Nt5dc2	27.00942	26.87211	34.22528	16.85216	19.6699	19.471857
ENSMUSG Tbl1x	19.24674	20.16563	18.48977	17.33883	17.00596	17.747673
ENSMUSG Fyco1	13.55521	12.84721	10.08261	11.93056	10.57455	12.363187
ENSMUSG Sacm1l	26.68388	27.04333	24.79989	23.3985	23.76481	22.503987
ENSMUSG Slc6a20b	0	0.013132	0.047537	0.030239	0.083086	0.086617
ENSMUSG Olfr910	0	0	0	0	0	0
ENSMUSG Hmx3	0	0	0	0	0	0

ENSMUSG Olfr60	0	0.028056	0.042595	0.148922	0.062441	0.051445
ENSMUSG Clic5	288.9487	288.4048	286.7896	149.9791	152.7162	146.70041
ENSMUSG Polh	5.236827	4.436281	4.376591	4.424284	5.151843	4.569289
ENSMUSG Gtpbp2	25.03141	24.16955	30.85385	24.38149	20.86981	24.579995
ENSMUSG Vegfa	291.5679	207.6834	269.6933	124.0194	116.1529	129.55281
ENSMUSG Gm17622	0	0	0	0.262958	0.468805	0
ENSMUSG Clec4b2	0	0	0.088641	0.373231	0.288944	0.184657
ENSMUSG Xlr4b	1.304677	0.827274	1.27761	3.376994	3.74528	2.579602
ENSMUSG Gm4302	0	0	0	0	0	0
ENSMUSG Zfy1	0	0.096471	0	0	0	0
ENSMUSG Tas2r136	0	0	0	0	0	0
ENSMUSG Btn2a2	0	0	0	0	0	0.041423
ENSMUSG Raet1e	0	0	0	0	0	0
ENSMUSG Olfr1279	0	0	0	0	0	0
ENSMUSG Ndufb5	25.61925	29.04496	25.12936	32.05201	33.526	29.619117
ENSMUSG Reg3d	0	0	0	0	0	0
ENSMUSG Gml	0	0	0	0	0	0
ENSMUSG Olfr537-ps	0	0	0	0	0	0
ENSMUSG Gm39115	0	0	0	0	0	0
ENSMUSG Adgrf5	237.1153	229.1246	215.1137	151.9056	167.1345	142.26058
ENSMUSG Foxk1	14.22784	11.87839	11.54403	9.08632	8.805122	8.479945
ENSMUSG Prcc	17.939	17.31954	17.70731	17.00086	18.53151	17.354355
ENSMUSG Msl2	17.47634	19.13315	17.74954	16.3357	17.40381	15.739185
ENSMUSG Hapln2	0	0.011544	0	0.040173	0.077579	0.064589
ENSMUSG P4ha1	28.22968	37.88339	38.33416	23.46091	29.95132	27.280557
ENSMUSG 10-Sep	10.55	10.60298	10.52487	7.334902	9.029606	9.734017
ENSMUSG V1rd19	0	0	0	0	0	0
ENSMUSG Sim1	0	0	0	0	0.007615	0
ENSMUSG Zfp354a	2.199823	2.461179	1.870233	1.405235	0.951605	0.970519
ENSMUSG Gm14781	0	0	0	0	0	0
ENSMUSG Mapk9	14.38039	13.23259	14.17168	12.34102	11.93959	13.464405
ENSMUSG Hspa4	33.45844	36.19292	31.02135	30.93307	32.18162	33.174683
ENSMUSG Tstd1	0.69031	1.362255	2.562974	1.174849	0.277444	1.433045
ENSMUSG Gfpt2	3.127243	5.755547	3.169545	2.861803	2.813625	3.822849
ENSMUSG Cnot6	25.59671	23.35759	21.47625	20.59829	23.33128	21.332296
ENSMUSG Olfr96	0	0	0	0	0	0
ENSMUSG Mocs1	18.06882	16.59036	15.88698	14.7801	15.50907	14.906794
ENSMUSG Med14	6.735712	7.200152	6.386315	6.470955	6.801892	6.727796
ENSMUSG Vmn2r89	0	0	0	0	0	0
ENSMUSG Prr36	0.519907	0.515591	0.358294	0.305772	0.278542	0.497514
ENSMUSG Olfr1383	0.006767	0.012558	0	0	0	0
ENSMUSG Tubg2	1.108789	0.589977	1.122913	0.743686	0.655552	0.874412
ENSMUSG Olfr774	0	0	0	0	0	0
ENSMUSG Olfr5	0	0	0	0	0	0
ENSMUSG Lhx8	0	0	0	0	0	0
ENSMUSG Frmd6	29.67245	30.02074	25.97919	16.3893	20.11228	15.703083
ENSMUSG Zfp738	1.530709	1.586236	1.32449	1.575908	1.560494	1.42958
ENSMUSG Dleu7	0.029522	0	0	0	0	0
ENSMUSG Gm21874	0	0	0	0	0	0
ENSMUSG Kcnk9	0	0	0	0	0	0
ENSMUSG Dner	0.211587	0.180013	0.07191	0.16084	0.160272	0.203457
ENSMUSG Dnajc12	2.558537	3.668631	2.426868	2.84013	2.08863	1.96376
ENSMUSG Kif15	0.267959	0.205195	0.553019	0.930143	0.936119	1.709978
ENSMUSG Wdr44	4.927075	5.495961	5.68972	4.677151	5.111014	4.330352
ENSMUSG Gm49527	0	0	0	0	0	0
ENSMUSG Cldn15	4.573393	6.374427	4.690083	4.793982	2.86234	5.275173
ENSMUSG P2ry10b	1.693862	1.168756	1.715981	2.369471	2.610573	2.667452
ENSMUSG 1300017J0	0	0	0.04253	0.114253	0	0.047256
ENSMUSG Nemf	9.546386	9.492211	10.51844	9.716468	8.740132	9.160329
ENSMUSG Sec23a	10.0842	10.13576	9.697116	10.63508	9.78983	9.971853
ENSMUSG L2hgdh	3.346847	4.154523	3.361905	2.813799	2.568445	2.785707
ENSMUSG Qsox1	61.3243	61.64035	73.73966	65.37763	75.94582	68.115703
ENSMUSG Ucp2	217.1508	176.4871	174.6481	177.445	184.8531	177.27894
ENSMUSG Des	28.6054	29.74051	35.38406	27.2945	26.72675	27.573647

ENSMUSG Dnpep	18.79019	19.77283	18.19025	21.04832	25.83258	24.055403
ENSMUSG Tmem28	1.896332	2.295296	2.028012	2.140813	2.093447	2.2108
ENSMUSG Glb1l	3.107988	3.223896	3.41448	3.600627	3.722309	3.702198
ENSMUSG Csf2rb	12.32711	10.91556	12.65982	25.97778	28.78295	30.960365
ENSMUSG Tuba4a	15.26141	14.97514	15.0236	11.7929	14.29904	15.229045
ENSMUSG Dnajb2	23.5411	26.71897	26.06824	19.04693	22.05131	21.053381
ENSMUSG Ptprn	1.012059	0.882502	1.029327	0.599313	0.567326	0.729541
ENSMUSG Slc23a3	0.404646	0.283812	0.269937	0.337383	0.253948	0.439578
ENSMUSG Csf2rb2	4.567435	4.149584	4.21959	11.74945	11.57928	13.927629
ENSMUSG Speg	1.86252	2.683306	2.27771	5.726694	4.85291	6.602211
ENSMUSG Abtb1	14.35474	13.91356	15.39613	13.44815	12.73172	11.583466
ENSMUSG Sec61a1	49.48294	47.17947	49.8784	59.56451	64.77568	65.21743
ENSMUSG Plxna1	41.45541	37.10271	37.1469	32.3514	34.915	34.979422
ENSMUSG Klf15	24.63552	32.40234	25.9161	9.526336	12.02494	9.613772
ENSMUSG Chchd6	9.779648	9.104632	8.766934	9.320177	7.265522	7.715121
ENSMUSG Slc41a3	3.211499	2.474493	3.232457	2.971103	3.214507	3.010575
ENSMUSG Aldh1l1	3.144113	4.238792	3.264254	4.735392	3.214599	5.001885
ENSMUSG Mucl3	0.110715	0.053133	0	0.065481	0.042076	0.021225
ENSMUSG H2-Q6	56.42637	39.57611	148.6962	93.595	57.5943	71.543415
ENSMUSG H2-BI	0.648408	0.425308	1.015697	0.71334	2.216398	0.83524
ENSMUSG Gm6034	0.034765	0.086295	0.241229	0.125961	0	0.089506
ENSMUSG Trim10	0.939694	1.162944	1.623285	0.511357	0.46378	0.534216
ENSMUSG Gm8909	5.04482	3.529356	4.952062	5.730155	4.828455	6.422339
ENSMUSG 4931406C	14.95499	17.05249	12.23124	15.8603	15.04652	14.437062
ENSMUSG Taf1d	7.567076	6.428028	6.890481	9.219304	6.8991	8.488747
ENSMUSG Gpr83	0.096225	0.081372	0.079898	0.08531	0.080847	0.047356
ENSMUSG Izumo1r	0.512664	0.234206	0.970292	1.232957	1.384199	0.940789
ENSMUSG Wwp2	9.607835	9.799491	9.524076	9.011844	8.788562	9.462809
ENSMUSG Ankrd49	4.291965	4.805903	5.409365	4.135387	3.811599	3.959874
ENSMUSG Heph1	0	0.033554	0	0.032481	0.01494	0
ENSMUSG Vstm5	0.114745	0.194611	0.316405	0.250667	0.116085	0.404081
ENSMUSG Panx1	1.207229	1.059032	1.279282	1.598356	1.987498	1.826214
ENSMUSG Med17	10.38468	8.829173	9.628372	8.096597	8.346211	7.963954
ENSMUSG Cyp3a16	0	0	0	0	0	0
ENSMUSG Csmc1	0.102846	0.094738	0.107601	0.293074	0.246891	0.18103
ENSMUSG Rnh1	68.77373	65.5213	66.44325	86.69875	90.80422	100.86877
ENSMUSG Sycp2l	0	0	0	0	0	0
ENSMUSG Ceacam14	0	0	0	0	0	0
ENSMUSG Vwa5a	27.02073	27.63282	28.30292	28.32826	27.44779	27.874338
ENSMUSG Ddr1	19.17367	19.13329	15.53451	17.21581	16.33105	17.420659
ENSMUSG Ric1	9.036232	10.10623	8.185915	9.270658	9.219701	9.852774
ENSMUSG Dgcr6	22.34041	20.50229	24.24305	18.97203	20.26677	21.145134
ENSMUSG Ltbr	39.27558	39.08247	38.54121	30.3875	31.92089	33.820339
ENSMUSG Ing4	22.3205	21.46164	25.06023	21.75798	20.61606	21.085514
ENSMUSG Vamp1	4.056462	3.470587	3.481615	5.315019	3.55787	4.091205
ENSMUSG Cd27	3.898124	2.359478	4.862637	3.380397	3.24095	3.239622
ENSMUSG Mrpl51	6.757509	7.015016	7.899207	7.457483	7.160145	7.046535
ENSMUSG Pou4f2	0	0	0	0	0	0
ENSMUSG Slc10a7	7.56091	7.071748	7.740645	6.783364	7.125917	7.343225
ENSMUSG Smad1	9.127263	8.645884	10.14	6.937376	7.445223	7.342687
ENSMUSG 1700011L2	0	0	0	0	0	0
ENSMUSG Lsm6	5.443036	5.570021	5.663113	6.140944	6.504744	6.097562
ENSMUSG Avil	0.320949	0.418097	0.441795	0.216882	0.149619	0.15232
ENSMUSG Ror1	1.609101	1.393952	1.386144	1.424414	1.343135	1.151819
ENSMUSG Psd4	5.637911	4.516659	6.244417	10.95431	8.938023	9.308301
ENSMUSG Pax8	0	0	0	0	0	0.021584
Mus_musc Mus_musc	0.239145	0.365574	0.280598	0.764173	0.55783	0.424321
ENSMUSG Zmynd19	3.069423	3.549074	3.438801	2.704763	2.987868	3.484532
ENSMUSG Dph7	6.642404	5.810529	6.265238	6.2127	4.185528	5.054212
ENSMUSG Arrdc1	28.55193	28.23135	33.12539	29.75523	24.64152	27.599628
ENSMUSG Rbms1	46.43466	39.79763	45.51656	35.40633	34.64452	34.840153
ENSMUSG Itgb6	4.143057	4.134096	4.565844	4.217092	5.107867	4.795766
ENSMUSG Olfr855	0	0	0	0	0	0
ENSMUSG Tmem82	0.950481	0.810978	1.078903	1.624107	0.81909	1.175134

ENSMUSG Retreg1	23.73396	22.54431	19.82924	18.99854	17.30831	17.563693
ENSMUSG Mmp1a	0	0	0	0	0	0
ENSMUSG Myo10	21.80506	23.31045	18.82836	15.53527	16.94338	16.224253
ENSMUSG Flg	0	0	0	0.018971	0	0
ENSMUSG 4930430Fc	2.236372	2.470727	2.761951	1.994036	2.491308	2.186408
ENSMUSG Duxbl1	0	0.016356	0	0.028422	0.051326	0.031316
ENSMUSG Olfr938	0	0	0	0	0	0
ENSMUSG Defb15	0	0	0	0	0	0
ENSMUSG Unc119b	17.7367	20.38417	20.08932	17.02445	17.17261	20.22311
ENSMUSG Arsj	2.009485	2.073718	1.875677	1.505134	2.127925	1.815659
ENSMUSG Olfr1189	0	0	0	0	0	0
ENSMUSG Olfr1188	0	0	0	0	0	0
ENSMUSG Olfr1259	0.012956	0	0	0	0	0
ENSMUSG Srp14	79.83728	83.87621	94.41685	80.21395	78.63316	84.606934
ENSMUSG Dhx34	5.718623	5.365484	5.512107	5.351343	5.059676	4.63454
ENSMUSG Prg4	0.324053	0.871502	0.194548	0.223103	0.105232	0.368315
ENSMUSG Odr4	14.62736	12.94299	12.43552	12.6353	12.58836	11.158465
ENSMUSG Prkce	19.19711	16.27043	16.31085	10.87634	11.20723	10.965384
ENSMUSG Megf8	10.20628	9.243985	9.370187	7.872056	8.351573	8.166229
ENSMUSG Ncapg2	0.826866	1.020973	0.730437	1.369084	1.914164	2.686497
ENSMUSG Ankrd34b	0.060397	0.054328	0.061588	0.121026	0.078343	0.053241
ENSMUSG Tmem232	0.793767	1.356677	0.758165	2.167181	1.814127	1.563795
ENSMUSG Olfr1443	0	0	0	0	0	0
ENSMUSG Cetn4	3.229102	4.567146	3.121609	6.376333	6.462636	5.911694
ENSMUSG Wdr73	6.311684	4.64988	5.04849	5.217493	4.454785	4.75373
ENSMUSG Nmb	1.804792	2.516177	1.361074	2.648724	2.272235	1.997995
ENSMUSG Cachd1	4.257681	5.068317	4.749304	3.289796	3.849068	3.301407
ENSMUSG Izumo3	0	0	0	0	0	0
ENSMUSG Slc28a1	0	0.011338	0	0	0	0.051082
ENSMUSG A930017K	0	0	0	0	0.016548	0
ENSMUSG Sec11a	32.04517	32.65619	34.82948	34.00547	33.78793	33.780609
ENSMUSG St3gal3	8.042135	7.538662	7.260165	7.499904	8.18132	8.516525
ENSMUSG Artn	0.726355	0.501749	0.66439	0.610794	0.6063	0.308726
ENSMUSG Pigq	25.26352	24.12952	23.24124	22.71641	23.75244	21.923263
ENSMUSG Slc6a18	0	0	0	0	0	0
ENSMUSG Hapln1	0.049188	0.05789	0.060923	0.057153	0.057788	0.059494
ENSMUSG Clptm1l	40.24765	37.30814	38.85906	56.16483	59.84756	59.26321
ENSMUSG Tert	0.515833	0.379101	0.416994	0.665651	0.646822	0.604925
ENSMUSG Vcan	0.285947	0.593379	0.410332	0.73373	0.930181	1.263867
ENSMUSG Xrcc4	7.483042	5.835314	5.851561	5.899818	7.039469	5.129516
ENSMUSG Crebl2	21.96573	23.89583	22.87262	15.5099	16.94159	14.365493
ENSMUSG Atg10	2.46498	2.423169	2.396001	2.593918	2.776867	2.231179
ENSMUSG 3-Mar	3.744295	3.287816	3.287581	4.146364	4.243838	4.247064
ENSMUSG Fam189b	3.623153	3.5996	4.693596	4.335904	4.135111	4.562358
ENSMUSG Phox2a	0.031093	0	0	0	0	0.050379
ENSMUSG Ttc9b	0.001472	0	0.035406	0	0	0
ENSMUSG Gm10639	0	0.168865	0.088806	0	0	0
ENSMUSG Gm10638	0.756666	0.431283	0.605773	0.382588	0.279154	0.269907
ENSMUSG Plekhf1	1.197963	1.797558	1.140375	1.561318	1.51727	2.013765
ENSMUSG Gm21704	0	0	0.012863	0	0	0
ENSMUSG Mss51	0.159507	0.255886	0.358689	0.447429	0.206834	0.256005
ENSMUSG Gm10406	0	0	0	0	0.024447	0
ENSMUSG Eml6	0.92349	1.040312	0.792613	0.928673	1.093959	0.851641
ENSMUSG Fam19a2	0.034944	0.09045	0.041344	0.011963	0.050994	0.025324
ENSMUSG Klf8	1.564345	1.252127	1.051935	1.070357	1.392023	1.284038
ENSMUSG Ddx24	32.20972	30.94881	32.57515	26.73885	27.11968	26.822512
ENSMUSG Slc5a12	1.799917	1.716789	0.466453	0.665907	0.662975	0.437076
ENSMUSG Kif21b	4.162837	2.62148	4.375604	5.647898	4.510406	5.918069
Mus_musc Mus_musc	0	0.127523	0.052487	0.371234	0.371037	0.457106
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0.157129	0.263486	0	0	0	0.153916
Mus_musc Mus_musc	0.360138	0	0.304461	0.138693	0.204137	0.111216
ENSMUSG Znhit1	19.485	18.93979	19.50447	20.75585	20.03065	19.59075
Mus_musc Mus_musc	0.240198	0.112074	0.363366	0.345893	0.145387	0.546252

ENSMUSG Gss	14.23128	14.61333	13.83396	12.35704	12.16136	14.242464
ENSMUSG Procr	7.661174	7.241231	7.074691	7.606192	6.969925	8.709253
ENSMUSG Mmp24	0	0	0	0.012358	0	0
ENSMUSG Eif6	33.65845	34.56653	37.9729	33.30853	33.32197	31.892949
ENSMUSG Ttn	0.047208	0.318934	0.046664	0.10477	0.104741	0.086594
ENSMUSG Hps3	6.243288	6.272939	7.703965	7.12756	6.855142	5.557618
ENSMUSG Taf10	10.1418	11.05488	12.05367	11.15898	9.648952	11.016946
ENSMUSG Nfs1	16.93569	17.25501	16.9003	15.31179	18.32902	17.950507
ENSMUSG Wfdc21	0.652478	1.60342	0.480339	3.206869	6.386685	5.57991
ENSMUSG Tex47	0	0	0	0	0	0
ENSMUSG Pvr	11.30574	11.6474	12.08388	7.654554	8.646008	9.901739
ENSMUSG Hif3a	1.258964	1.668771	1.557043	0.657722	1.211494	0.626431
ENSMUSG Myct1	25.53368	24.13121	23.21165	17.06588	14.36527	13.07185
ENSMUSG Olfr1451	0	0	0	0	0	0
ENSMUSG Fmo9	0	0	0	0	0	0
ENSMUSG Tada1	5.612841	5.766788	5.916795	4.702094	5.356993	6.282871
ENSMUSG Pou2f1	3.634472	3.468133	3.279227	3.35559	3.262536	3.416339
ENSMUSG Dusp27	0.085904	0.251555	0.080364	0.012906	0.135185	0.04599
ENSMUSG Adcy10	0	0	0	0	0	0
ENSMUSG Mpzl1	11.85117	13.22066	11.44222	12.69562	13.18112	12.474591
ENSMUSG Mpc2	26.22593	30.26524	27.78022	32.41882	28.94314	30.153157
Mus_musc Mus_musc	0.236997	0.275333	0.133349	0.552062	0.356127	0.264811
Mus_musc Mus_musc	0.57597	0.56773	0.439271	0.391823	0.404825	0.33105
Mus_musc Mus_musc	0	0	0	0.07623	0.170673	0.239737
Mus_musc Mus_musc	0.051266	0.310488	0.242321	0.095588	0.136626	0.017356
Mus_musc Mus_musc	0.188566	0	0	0.11238	0.076748	0
ENSMUSG Meox2	6.580224	6.01695	7.586808	5.915222	5.133723	5.819036
ENSMUSG Ryr3	0.072635	0.121508	0.083039	0.111394	0.071864	0.057429
ENSMUSG Gm13697	0	0	0	0	0	0
ENSMUSG Gm9117	0	0	0	0	0	0
ENSMUSG Tcstv3	0	0	0	0	0	0
ENSMUSG Yipf1	19.83438	19.69648	20.55102	22.62462	20.10188	24.870861
ENSMUSG Speer1	0	0	0	0.127142	0	0
ENSMUSG Gm6509	0	0	0	0	0	0
ENSMUSG Olfr474	0	0	0	0	0	0
ENSMUSG Magea3	0	0	0	0	0	0
ENSMUSG Olfr452	0	0	0	0	0	0
ENSMUSG 9430069I0	0	0.520791	0	0.297234	0	0.199876
ENSMUSG 1700015G	0	0	0	0	0	0
ENSMUSG Sgo2b	0	0	0	0	0	0
ENSMUSG Zfp955a	2.995955	3.791052	3.520893	3.267492	3.076262	3.339727
ENSMUSG Olfr153	0	0	0	0	0	0
ENSMUSG Btg1-ps2	0	0	0	0	0	0
ENSMUSG 4921509C:	0	0	0	0	0	0
ENSMUSG Olfr972	0	0	0	0	0	0
ENSMUSG Krt5	0	0.0833	0.040908	0.156158	0.08863	0.025151
Mus_musc Mus_musc	0.102303	0.273669	0.192031	0.198502	0.154103	0.166286
Mus_musc Mus_musc	0	0	0	0.328332	0	0
Mus_musc Mus_musc	0.878897	0.494873	0.520939	0.182736	0.11198	0.257239
Mus_musc Mus_musc	0.486075	0	0.04898	0.176433	0.246654	0.062355
Mus_musc Mus_musc	0	0	0.221033	0	0	0
Mus_musc Mus_musc	0	0	0.168952	0	0	0
Mus_musc Mus_musc	0.301951	0.226113	0.236716	0.069113	0.22509	0
Mus_musc Mus_musc	0.375951	0.397215	0.398243	0.495412	0.214935	0.349723
Mus_musc Mus_musc	0.120465	0	0.163345	0	0.276728	0.097971
Mus_musc Mus_musc	0.349381	0.321555	0.441293	0.404822	0.377899	0.566014
Mus_musc Mus_musc	0.338226	0	0.137369	0	0	0.059
ENSMUSG Gab2	11.28504	9.877527	10.9129	8.94314	8.607604	9.370885
ENSMUSG Hsf2bp	0.266013	0.078556	0.06682	0.084428	0.081137	0.03482
ENSMUSG Gapt	0.522562	0.663701	0.732411	3.089061	4.499656	4.471124
ENSMUSG Naa11	0	0	0.0112	0	0	0
ENSMUSG Olfr1348	0	0	0	0	0	0
ENSMUSG Pnlip	0	0	0	0	0	0
ENSMUSG Gm4187	0	0	0	0	0	0

ENSMUSG Cyp2j7	0	0	0	0	0	0
ENSMUSG Scn1a	0.006727	0	0	0	0	0
ENSMUSG Man1a2	11.65573	13.14802	11.95044	12.84245	12.898	12.350359
ENSMUSG Zswim7	4.36685	2.092978	3.190862	3.145485	3.870296	4.216783
ENSMUSG Pigl	3.370508	3.142159	2.901057	2.793728	2.306339	2.435315
ENSMUSG Siva1	11.98833	12.10405	12.38116	14.19215	11.68673	11.8931
Mus_musc Mus_musc	0.321633	0.299143	0.16538	0	0	0.089508
Mus_musc Mus_musc	2.673077	2.235723	2.533078	1.873466	2.694788	3.203947
Mus_musc Mus_musc	0.176408	0.21267	0.10089	0.472083	0.170499	0.465877
Mus_musc Mus_musc	0	0.12949	0.056509	0	0.351843	0.439213
Mus_musc Mus_musc	2.552107	1.878012	2.384994	2.533927	2.402728	2.784656
ENSMUSG Gm10130	0	0	0	0.954227	0	0
ENSMUSG Gm21876	0	0	0	0	0	0
Mus_musc Mus_musc	0.167139	0	0.174192	0.116011	0	0
ENSMUSG Olfr382	0	0	0	0	0	0
ENSMUSG Gm8024	0	0.013334	0	0	0.042138	0
ENSMUSG Rem2	1.080203	0.940398	1.237046	0.504314	0.571869	0.76319
ENSMUSG Haus4	5.420951	5.561964	6.357174	4.786099	6.567024	7.280078
ENSMUSG Kikb1	0.026401	0.041039	0.051463	0.073034	0.143763	0.029019
ENSMUSG Lcp2	4.392875	3.8219	6.795022	9.023002	8.609101	9.947835
ENSMUSG Lrp10	40.6208	34.99999	38.58739	38.50914	39.12633	39.661141
ENSMUSG Tes3-ps	0.52608	0.449086	0.391956	0.253206	0.178932	0.404118
ENSMUSG Gm10945	0	0	0	0	0	0
ENSMUSG Gm10944	0	0	0	0	0	0
ENSMUSG Ercc6	2.883569	3.334968	2.84107	3.147021	3.003058	3.245848
ENSMUSG Nrip2	0.122932	0.518464	0.266344	0.190204	0.25457	0.28236
ENSMUSG Tulp3	10.09396	10.97136	11.30434	9.815186	9.277974	9.016434
ENSMUSG Plekhn1	9.67782	9.720231	10.43145	8.415544	9.039474	9.32817
ENSMUSG Ankrd65	1.365867	2.043653	1.477599	3.046504	1.785205	2.939386
ENSMUSG Tubb5	98.8687	92.44682	122.5285	109.1948	112.8705	129.13595
ENSMUSG Gm17631	0	0	0	0	0	0
ENSMUSG Esp6	0	0	0	0	0	0
ENSMUSG Vmn2r4	0	0	0	0	0	0
ENSMUSG Vmn2r85	0.091218	0.088869	0.083594	0.04835	0.062388	0.062522
ENSMUSG Gm28827	0	0	0	0	0	0
ENSMUSG Gm11757	0	0	0	0	0	0
ENSMUSG Fam181a	0	0.144012	0.076908	0.12251	0.118804	0.038551
ENSMUSG Gm11084	0.218007	0.333218	0.183626	0.161406	0	0
ENSMUSG 2310009B	4.081968	3.374628	4.027884	5.373546	3.647871	4.160776
ENSMUSG Mycn	1.531903	1.229416	1.014615	1.193893	1.038596	0.859806
ENSMUSG Ttbk1	0.065196	0.089501	0.077374	0.096409	0.165421	0.179786
ENSMUSG Spaca5	0	0	0	0	0	0
ENSMUSG Zfp318	3.110046	2.824371	2.701033	2.689418	2.359661	2.664091
ENSMUSG Mgarp	0	0	0	0.074102	0	0.078433
ENSMUSG Slc22a7	0	0	0	0	0	0
ENSMUSG Gata5	4.045172	3.885867	3.21886	2.380548	1.783091	2.00396
ENSMUSG Polr1c	19.41821	20.79661	22.58333	23.5739	26.62834	26.68437
ENSMUSG Pcmt1	29.43983	31.35635	32.32816	25.71067	26.09637	24.650316
ENSMUSG Lrp11	1.482782	1.21795	1.274073	1.689231	1.318446	1.908215
ENSMUSG 1700021FC	6.860961	7.816302	8.284844	6.627588	7.769549	5.439491
ENSMUSG Stxbp5	4.894488	5.594887	5.136367	5.298977	5.256261	5.478045
ENSMUSG Hint3	11.55709	12.02879	8.657895	14.71632	11.56726	10.638815
ENSMUSG Trmt11	3.204015	2.945197	2.966538	2.6152	2.65985	2.226754
ENSMUSG Vsig10	6.813032	7.472816	6.673855	7.070536	6.69664	6.646967
ENSMUSG Olfr872	0	0.024403	0	0	0	0
ENSMUSG Olfr18	0.02675	0	0	0	0	0
ENSMUSG Fbxl12	6.610879	6.322028	6.475871	5.18022	5.152919	4.990871
ENSMUSG Loxl3	2.69968	2.23046	3.588549	2.487215	2.311785	2.528477
ENSMUSG Hoxb6	4.039446	3.464718	4.101316	1.709895	2.646153	2.176256
ENSMUSG Olfr870	0	0	0	0	0	0
ENSMUSG Gm9958	0.562191	0.698117	0.757318	0.874011	0.810745	0.46563
ENSMUSG Miga1	10.0012	9.424795	8.812905	7.755454	8.27995	8.83284
ENSMUSG Olfr137	0	0	0	0	0	0
ENSMUSG D630044L	0.130654	0.137447	0.206658	0.144062	0.103784	0.131166

ENSMUSG Pum3	10.29353	10.37175	11.03804	9.242183	10.24244	9.278608
ENSMUSG Myzap	136.6715	129.7901	128.2356	77.92541	85.56482	70.078294
ENSMUSG Glipr1l3	0	0	0	0	0	0
ENSMUSG Dazap2	153.0428	140.9021	144.1718	118.3201	117.0533	118.81461
ENSMUSG Dbt	7.949339	8.49042	8.279279	7.258339	7.330912	7.094569
ENSMUSG Vmn2r63	0	0	0	0	0	0
Mus_musc Mus_musc	0.257508	0.146152	0.161742	0.160637	0.186372	0.091687
Mus_musc Mus_musc	0.201017	0.296683	0	0	0.121195	0.623791
ENSMUSG Spink6	0	0	0	0	0	0
Mus_musc Mus_musc	0.309008	0.33467	0.32287	0.434718	0.099995	0.130856
Mus_musc Mus_musc	0.524729	0.73443	0.429301	1.101456	0.196671	1.844926
Mus_musc Mus_musc	1.81383	1.327193	1.680933	1.313614	1.348559	1.604538
ENSMUSG Olfr721-ps	0	0	0	0	0	0
ENSMUSG Gm20828	0	0	0	0	0	0
ENSMUSG Vmn1r21	0.025236	0	0	0	0	0
ENSMUSG Vmn2r108	0	0	0	0	0	0
ENSMUSG Cox16	9.646488	12.94341	12.98829	15.16988	12.75078	14.080387
ENSMUSG Tmem42	12.0168	11.56194	11.33252	11.10175	10.51685	9.87487
ENSMUSG lpo7	26.65457	30.49297	26.74491	25.88336	24.79008	27.740681
ENSMUSG Pomgnt2	5.486884	5.031844	5.001911	4.000674	3.534747	3.887783
ENSMUSG Khl1	0	0	0	0	0	0
ENSMUSG Rhobtb2	4.076028	4.092994	3.902921	4.629363	4.298134	4.654769
ENSMUSG Tnfrsf10b	1.512177	1.526686	1.661808	1.333805	1.480913	1.143936
ENSMUSG Olfr519	0	0	0	0	0	0
ENSMUSG Sobp	0.182783	0.183994	0.201027	0.195366	0.473966	0.257306
ENSMUSG Fam50b	0.06291	0	0	0	0	0
ENSMUSG Mical2	36.77209	34.43326	31.66093	25.64115	26.29898	27.919323
ENSMUSG Aox4	0	0	0	0	0.010962	0
ENSMUSG Cep250	5.436767	4.932395	5.482296	5.418878	5.4967	5.443287
ENSMUSG Pdss2	1.750774	1.90279	2.075305	2.330364	1.865502	1.726704
ENSMUSG Defb21	0	0	0	0	0	0
ENSMUSG Ptn	1.16277	1.092952	1.146429	0.570803	0.667757	1.313674
ENSMUSG Wnt3a	6.297725	6.782398	6.31171	3.213469	3.673194	3.432895
ENSMUSG Kdm6a	7.805477	8.389982	7.465055	8.295894	7.756506	8.016545
ENSMUSG S1pr1	137.4522	135.8143	150.9153	67.91641	84.13303	70.844109
ENSMUSG Atad1	26.19626	26.5398	24.3714	23.03421	21.60246	22.380135
ENSMUSG Pten	24.5045	26.17787	23.28507	20.72825	21.47805	18.692337
ENSMUSG Stap2	15.18974	14.23557	14.60413	12.75219	10.79259	12.24686
ENSMUSG 4933402N	0	0	0	0	0	0
ENSMUSG Trim24	8.367527	7.172868	5.81574	6.298256	6.68026	6.144463
Mus_musc Mus_musc	0.538752	0.363447	0.457004	1.915083	1.38691	0.838585
ENSMUSG Prdm2	16.49208	16.4355	16.2911	15.07817	14.37336	14.464069
ENSMUSG Srvt	26.21983	27.1795	31.0324	28.07965	24.66976	26.415472
ENSMUSG Pcdhgb4	2.190199	1.795304	1.602038	1.174956	1.454312	1.245641
ENSMUSG Vps4b	20.68934	20.31733	19.93591	19.92928	19.7935	18.770155
ENSMUSG Pax7	0	0	0	0	0	0.008621
ENSMUSG Aldh4a1	10.2394	11.35578	10.35705	9.618976	8.901946	10.493578
ENSMUSG Arhgef37	1.642048	1.047194	2.687542	1.290864	0.573123	0.676887
ENSMUSG Cfap57	1.803702	2.527668	0.899606	2.485557	2.531656	2.883435
ENSMUSG Magi1	12.03115	13.17224	11.02746	7.73186	8.368938	7.75759
ENSMUSG Tas1r2	0	0	0	0	0.036763	0
ENSMUSG Gm3952	0	0	0	0	0	0
ENSMUSG Klf13	29.26807	30.19584	24.59965	20.56151	21.82579	19.66038
Mus_musc Mus_musc	0.565681	1.539512	0.947682	0.18246	0.729833	0.457357
Mus_musc Mus_musc	0	0	0	0	0	0.42945
ENSMUSG Wnk2	0.21672	0.360707	0.1247	0.222496	0.3045	0.346953
ENSMUSG Chd1	10.82749	11.14099	9.971023	8.568916	9.69866	9.185553
ENSMUSG Neurod6	0	0	0	0	0	0
ENSMUSG Ythdc1	25.81498	25.15322	26.08318	19.10636	19.23138	18.320612
ENSMUSG Misp	2.426997	3.023913	2.340541	3.100022	3.962956	3.628965
Mus_musc Mus_musc	0.952458	0.736476	1.455693	0.899354	0.464114	0.428073
ENSMUSG Fmo5	10.11516	9.886998	8.380976	6.56622	6.796268	7.292727
ENSMUSG Chd1l	6.580163	5.665915	5.767025	5.847359	5.445049	5.433464
ENSMUSG Lrba	6.661215	6.292302	5.066213	5.909458	5.570133	6.727545

ENSMUSG Rps3a1	397.0787	419.2787	425.4396	445.8393	439.0044	438.37668
ENSMUSG Sh3d19	16.67592	17.89709	13.2677	13.65353	14.31657	13.758938
ENSMUSG Gatb	2.627413	2.332121	2.244349	3.040763	3.123682	2.263736
ENSMUSG Fbxw7	7.362673	7.669912	7.020903	7.915126	8.242484	7.959637
ENSMUSG Gm49354	0	0	0	0	0.02169	0.002618
ENSMUSG Nrn1	11.46132	15.88917	10.73586	13.55406	10.24656	14.376978
ENSMUSG Itga9	10.4737	10.6392	8.571213	8.452479	8.915667	9.760352
ENSMUSG Adgrg6	21.71166	18.05799	18.9802	13.78265	14.07381	12.924971
ENSMUSG Taf4	9.484017	10.05018	9.279194	8.456239	8.375419	8.174892
ENSMUSG Mycbpap	2.928346	2.828979	1.803799	3.2689	2.661869	3.038643
ENSMUSG Kctd6	5.987488	5.232998	4.505988	3.02373	4.711628	4.114944
ENSMUSG Acox2	2.401533	2.718019	1.306182	3.748183	3.1244	3.219299
ENSMUSG Fam107a	16.0865	13.7265	14.15339	3.755072	5.031913	4.106002
ENSMUSG Olfr1447	0	0	0	0	0	0
ENSMUSG Il6st	53.84404	56.75072	48.4329	53.72609	56.04678	52.961735
ENSMUSG 2610008E1	7.004714	6.104775	5.995841	5.323078	4.888551	4.887032
ENSMUSG Map3k1	6.746092	6.373329	6.657974	8.848078	7.984751	9.036568
ENSMUSG Plpp1	133.9171	114.5581	113.6398	63.76145	67.94136	61.892904
ENSMUSG Ddx4	0.086212	0.076847	0.015031	0.111504	0.277559	0.087507
ENSMUSG Gm10322	0	0	0	0	0	0
ENSMUSG Zfp65	3.101844	3.546996	2.94208	3.199515	2.890288	2.846097
ENSMUSG 2200002J2	0	0	0	0	0	0
ENSMUSG Etv5	44.71123	41.36425	39.87765	37.53626	33.52613	46.196437
ENSMUSG Phgdh	5.255742	5.897867	5.914595	9.139156	8.48099	7.202139
ENSMUSG Adamts18	0	0	0	0	0	0
ENSMUSG Cacng8	0	0	0	0.099805	0.087491	0
ENSMUSG Zfp952	5.02473	4.797309	4.447285	4.185575	3.700066	4.336715
ENSMUSG Olfr211	0	0	0	0	0	0
ENSMUSG Cd59b	1.709177	2.707043	2.397843	2.711251	2.980991	2.416826
ENSMUSG Elfn1	8.194038	7.905974	7.897634	6.033574	6.273682	6.012296
ENSMUSG Gphb5	0	0	0	0	0	0
ENSMUSG Krt31	0	0	0	0	0	0
ENSMUSG Cntn2	0.015719	0	0.00645	0.012535	0	0.0077
ENSMUSG Sv2b	0.050616	0.041008	0.051623	0	0	0
ENSMUSG Rnft2	0.111563	0.076197	0.096984	0.06857	0.111779	0.223654
ENSMUSG Rspo4	0.521428	0.615805	0.821168	0.626561	0.417794	0.60282
ENSMUSG Cplane1	3.79241	3.879089	3.942574	3.646486	3.374839	2.97565
ENSMUSG Ugt8a	0.54197	0.770972	0.273895	0.541805	0.386364	0.460857
ENSMUSG Pkd1	21.95967	21.95066	21.1879	15.61695	17.02373	16.39039
ENSMUSG Ncoa5	14.68064	12.91647	12.69182	11.13507	11.76234	12.712184
ENSMUSG Gabbr2	0	0.013445	0	0	0.016819	0.036432
ENSMUSG 4632433K:	0.0283	0.007044	0.022065	0.012858	0.004846	0.003144
ENSMUSG Gm266	0	0.054141	0	0.082067	0.090657	0
ENSMUSG Hkdc1	2.590739	2.666409	2.613587	3.878282	4.260933	4.675251
ENSMUSG Tmed7	38.4781	36.37829	32.44213	34.30661	38.41077	36.487869
ENSMUSG Gm10135	0	0	0	0	0	0
ENSMUSG Mzt1	14.36753	15.39762	15.81416	13.79319	13.25974	12.309971
ENSMUSG P2ry12	2.336187	1.56078	2.628983	2.120525	1.81776	1.999546
ENSMUSG Aifm2	8.377417	7.789178	7.19331	8.839228	9.35842	8.436914
ENSMUSG Slc22a21	1.039507	0.605667	0.778671	0.393204	0.497639	0.582037
ENSMUSG Kbtbd12	0.033768	0.032364	0.010913	0.075467	0.109949	0.120215
ENSMUSG Sar1a	69.14286	70.45879	68.15844	64.22164	66.80118	65.857978
ENSMUSG Umps	4.365942	4.48923	4.868883	5.45069	4.740292	5.814307
ENSMUSG Itgb5	46.16233	38.96975	47.86568	37.4307	38.69456	39.959543
ENSMUSG Fstl1	23.12097	22.09866	23.9742	28.4524	26.58609	29.779963
ENSMUSG Zfp148	8.348009	9.01607	7.67122	7.366223	8.569007	8.599281
ENSMUSG Zbtb18	16.11714	15.31413	14.05883	15.88652	13.86585	15.864461
ENSMUSG Gsk3b	16.05056	16.5218	13.9073	12.35368	13.19395	13.341396
ENSMUSG Taf1a	9.642915	9.276619	7.812142	6.36052	6.194903	5.25373
ENSMUSG Gm5592	0	0	0	0	0	0
ENSMUSG Knop1	8.612722	8.959361	7.732749	9.609789	9.810903	10.707125
ENSMUSG Mmp21	0	0	0	0	0	0
ENSMUSG Vps35l	10.92543	9.872855	9.693202	10.92426	11.24279	11.521615
ENSMUSG Bccip	26.50909	26.1773	27.54444	26.48439	25.19185	23.663694

ENSMUSG Adam12	0.384417	0.410875	0.210398	0.434814	0.290413	0.430576
ENSMUSG Dhx32	12.68397	11.66149	10.24825	10.94643	11.21805	11.799267
ENSMUSG Stim1	18.81855	19.46321	17.12165	16.49151	18.0689	18.060197
ENSMUSG Dusp2	1.234705	0.79235	3.213287	1.986066	1.754007	1.88304
ENSMUSG Trmt10a	1.604249	1.412996	1.705487	1.631978	1.602935	1.551533
ENSMUSG Omd	2.05836	2.222343	2.213351	1.178554	1.174404	1.168144
ENSMUSG Hdc	12.73426	13.79652	13.73101	25.50382	22.04023	28.938955
ENSMUSG Gabpb1	10.44227	9.492683	8.375747	9.155665	8.380796	8.117237
ENSMUSG Usp8	29.11913	29.96504	27.43758	30.06067	30.46721	33.041801
ENSMUSG Usp50	0.273701	0.355708	0.496793	0.45339	0.487615	0.379581
ENSMUSG Trpm7	15.41687	15.595	13.06454	14.30182	13.94951	13.798947
ENSMUSG Sppl2a	24.49437	24.90649	27.58581	25.84537	24.0763	23.666209
ENSMUSG Stard7	18.12263	18.07236	18.35672	17.43684	16.87206	16.786467
ENSMUSG Vav3	6.450616	4.91636	7.066838	4.237056	4.785152	4.105949
ENSMUSG Sfxn5	2.978438	2.547939	2.524981	1.896435	2.283721	1.902771
ENSMUSG BC034090	2.017661	1.805382	1.802245	1.060783	1.093068	1.334533
ENSMUSG Emx1	0	0	0	0	0	0
ENSMUSG Lrrc14	5.151121	4.538665	4.578225	4.357044	4.350082	4.27865
ENSMUSG Dnajb8	0	0	0.057258	0	0	0
ENSMUSG Icam1	172.0481	150.9506	195.8678	128.6503	139.8271	137.28946
ENSMUSG Htra4	0.880039	0.743894	0.774084	0.354737	0.617541	0.598098
ENSMUSG Atp11b	15.5287	16.65951	15.32909	15.48754	16.77436	15.25839
ENSMUSG Cnnm4	2.180412	2.400872	2.171352	2.629798	2.600308	2.762065
ENSMUSG Gm10320	0	0.393825	0.266066	0.302134	0.454509	0.510968
ENSMUSG Hdac9	0.571922	0.740486	0.780632	2.663256	2.178385	2.719867
ENSMUSG Adarb1	16.36365	16.80012	17.07797	12.227	12.51322	12.170128
ENSMUSG Hax1	27.36827	26.49423	28.57855	28.99935	27.18359	28.279263
ENSMUSG Appl2	18.91992	20.2275	18.3157	20.85563	20.77193	20.488565
ENSMUSG Tpm3	89.18833	87.45826	97.08462	82.2022	74.94793	88.378121
ENSMUSG 4933434E2	23.756	24.00532	23.18135	27.12861	27.73542	23.752521
ENSMUSG Mt2	11.50548	13.68273	7.351063	23.97615	33.94568	24.371127
ENSMUSG Mt3	0	0.307584	0.04675	0.741841	0.389641	0.332243
ENSMUSG Nudt7	2.301075	2.134168	1.619239	2.201838	2.515673	2.191072
ENSMUSG Slc12a3	0.062131	0.09818	0.011759	0.074944	0	0.031489
ENSMUSG Mt1	36.12895	43.83286	27.49973	60.6056	74.69752	64.323303
ENSMUSG Wdr12	1.056449	1.563318	1.350891	2.036546	1.757443	1.784907
ENSMUSG Ica1l	0.24815	0.281809	0.116959	0.115232	0.093704	0.191301
ENSMUSG Nus1	17.18495	16.93526	17.07009	16.83496	18.16044	16.492149
ENSMUSG Fthl17c	0	0	0	0	0	0
ENSMUSG Ctla4	0.30836	0.294648	0.277657	1.31957	1.442447	1.130463
ENSMUSG Olfr292	0	0	0	0	0	0
ENSMUSG Cd28	1.249996	1.238698	1.406713	2.419333	1.83948	2.106257
ENSMUSG Cdkn1a	24.54493	37.39542	55.22411	39.35081	39.23479	40.518376
ENSMUSG Raph1	10.93226	11.75949	10.36981	7.791664	8.647906	7.433051
ENSMUSG Carf	1.868685	2.005269	1.597967	1.462599	1.63869	1.937299
ENSMUSG Sncg	2.834044	3.067621	3.277798	2.899248	1.642323	2.393773
ENSMUSG Cops9	33.2654	39.25829	33.22694	44.75709	41.14264	41.396766
ENSMUSG Gm10549	0.1358	0	0	0	0.257221	0
ENSMUSG Sardh	3.276347	3.6263	3.018972	2.93849	2.764843	3.642979
ENSMUSG Cfap46	1.263523	1.443979	0.755197	1.663368	1.263868	1.49895
ENSMUSG Olfr780	0	0	0	0	0	0
ENSMUSG Zfpm1	8.539837	6.928425	8.395492	5.887777	5.696319	6.253286
Mus_musc Mus_musc	0.189794	0.151747	0.211145	0.537411	0.332983	0.247644
Mus_musc Mus_musc	0.262604	0.122072	0.169307	0.210161	0.189654	0.12335
Mus_musc Mus_musc	0.088712	0.242401	0.331106	0.125381	0.034227	0.120902
Mus_musc Mus_musc	0.296824	0	0	0	0	0
Mus_musc Mus_musc	0.400551	0.24651	0.250763	0.290566	0.364701	0.313688
Mus_musc Mus_musc	0.037543	0.191489	0.121522	1.061175	0.555023	0.602942
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Krtap5-3	0	0	0	0	0	0
ENSMUSG Nme9	6.70821	8.495848	4.109767	8.526718	8.396862	7.825991
ENSMUSG Hepacam	0.640861	0.799004	0.528916	0.627072	0.809772	0.728711
ENSMUSG Olfr1351	0	0	0	0	0	0
ENSMUSG Pilra	5.003295	4.982803	5.303225	2.055753	1.485885	1.308305

ENSMUSG Vpr2	2.236777	2.267279	3.148739	2.82344	2.697389	2.795886
ENSMUSG Kmo	0.672458	0.952901	0.601358	2.00469	2.133325	1.924981
ENSMUSG Hspa1b	15.59042	69.68787	76.85132	13.35759	20.68548	69.250114
ENSMUSG Tmem268	4.729706	5.575396	5.824249	8.401344	9.040925	9.699505
ENSMUSG Ccdc42	2.519142	1.493753	2.81929	0.586064	0.618344	0.887648
ENSMUSG Galnt16	0	0	0	0	0	0.033984
ENSMUSG C2cd4c	0	0.013713	0	0.030257	0.00604	0.017764
ENSMUSG Fam187a	0	0.030005	0	0	0	0
ENSMUSG Tbc1d10b	15.89732	14.9525	15.57847	16.0912	16.55515	15.62487
ENSMUSG Prdm10	2.274646	2.805331	2.43161	2.767566	2.57572	2.461414
ENSMUSG Dsc3	0.010578	0.019965	0.016916	0	0	0.009567
ENSMUSG Zfp930	4.484193	5.078931	4.76126	4.724549	4.467192	4.006894
ENSMUSG Gm3239	0	0	0	0	0	0
ENSMUSG Ptp4a3	72.94427	73.27655	79.57217	46.35983	40.88661	46.38475
ENSMUSG D330045A	0.128256	0.205636	0.133042	0.244936	0.20128	0.2146
ENSMUSG Tsk5	0	0.032486	0	0.031159	0.0858	0
ENSMUSG Ube4a	15.60094	16.88329	14.45478	15.25587	15.16266	15.23404
ENSMUSG Art3	16.97002	23.50302	20.43663	10.39733	8.526813	7.833478
ENSMUSG Cldn12	10.30076	11.3351	9.454183	6.732206	6.705019	6.11068
ENSMUSG Fam90a1b	0	0	0	0	0	0
ENSMUSG Ppp1r3b	2.210607	2.528605	2.459536	3.745231	3.46705	2.966448
ENSMUSG Ttc21b	4.029005	4.761364	3.972002	3.822761	3.666813	4.145408
ENSMUSG Olfr1341	0	0	0	0	0	0
ENSMUSG Riox1	8.581741	7.645747	8.120034	5.374753	5.308865	6.212357
ENSMUSG Zfp787	10.54064	12.67353	11.21752	11.50162	11.90937	12.225781
ENSMUSG Casc1	0.852905	1.234322	0.687888	1.273331	1.294878	0.891296
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.658088	0.651667	0.438278
Mus_musc Mus_musc	0.456703	0.432953	0.146182	0.29621	0.099149	0.185102
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Slc25a18	0.558683	0.595354	0.359973	0.679229	0.501461	0.766142
ENSMUSG Dusp8	8.272453	7.792426	12.04876	3.364735	3.460493	4.57732
ENSMUSG Gm3424	0	0	0	0	0	0
ENSMUSG Gm11627	2.5929	2.173122	2.520632	1.717344	1.639543	1.655055
ENSMUSG Zfp691	2.394733	2.840575	3.153064	2.819392	3.178354	3.003618
ENSMUSG Tas2r119	0	0	0	0	0	0
ENSMUSG Slc25a36	25.93661	26.90795	21.04555	20.68313	19.63097	19.771716
ENSMUSG Gm38655	4.694975	5.135978	3.213143	3.765933	3.484511	4.761398
ENSMUSG Tgfbr2	43.444	43.75118	42.72989	39.37295	40.99156	42.031358
ENSMUSG Eomes	0.831355	0.560823	2.097547	1.332026	0.892023	1.435441
ENSMUSG Cyb5d1	9.541908	12.05501	12.45525	12.12236	14.33434	15.02336
ENSMUSG Isca1	33.97795	34.96559	33.54516	26.6849	30.67018	27.675634
ENSMUSG Setd2	19.6351	19.23414	18.38538	16.52124	16.38173	14.982518
ENSMUSG Hspb7	2.008996	5.426069	1.968115	3.422066	3.112078	2.272832
ENSMUSG Olfr923	0	0	0	0	0	0
ENSMUSG Cacul1	8.803176	9.419409	8.763185	7.662301	8.664342	8.214836
ENSMUSG Gm14743	0	0	0	0	0	0
ENSMUSG Reg3a	0	0	0	0	0	0
ENSMUSG Gm42688	3.002845	3.222525	3.006177	2.780825	2.871055	2.591732
ENSMUSG 4932429Pc	0	0	0	0	0	0
ENSMUSG Pcdh8	0	0	0	0	0	0
ENSMUSG Gm29609	0.091585	0.030003	0.179208	0.104325	0.03685	0.056874
ENSMUSG Gpi1	66.26564	67.53776	70.33634	72.29071	73.50663	77.351165
ENSMUSG Pheta1	7.974981	6.214117	5.693479	6.43424	7.138089	5.83633
ENSMUSG Prss53	1.095685	0.601141	0.804414	0.798585	0.718752	0.498853
ENSMUSG Nop53	41.62421	44.60503	45.54114	42.15251	37.4827	40.001141
ENSMUSG Tssk1	0.037251	0.031779	0.013698	0.034427	0.015137	0.054708
ENSMUSG Serpina12	0	0	0	0	0	0
ENSMUSG L3mbtl4	0	0.048786	0.117045	0.167479	0.087764	0.047626
ENSMUSG Zfy2	0	0.012199	0	0	0	0
ENSMUSG Gm16286	37.31285	35.2139	41.22043	35.44766	34.41469	36.212162
ENSMUSG Rps27rt	77.40008	80.73345	67.02474	67.78719	152.4827	97.843567
ENSMUSG Gpd1l	17.10803	18.08913	15.82526	15.52994	15.53131	15.70826
ENSMUSG Pde6a	0.110071	0.101395	0.011464	0.045197	0.009501	0.015748

ENSMUSG Csnk1a1	86.35437	79.59671	78.74006	72.20846	72.37643	69.984346
ENSMUSG Il17b	0.081245	0	0	0	0	0
ENSMUSG Pcyox1l	3.267034	3.886992	4.465166	4.896372	5.203858	5.424437
ENSMUSG Ubald2	33.05864	30.75079	30.90494	30.19856	31.07806	29.363205
Mus_musc Mus_musc	0.238319	0	0	0.101172	0	0
Mus_musc Mus_musc	0	0.14981	0.128079	0	0	0
Mus_musc Mus_musc	0	0.265412	0.34081	0.122871	0	0.102183
Mus_musc Mus_musc	0	0.063224	0.312845	0.208255	0.296893	0
Mus_musc Mus_musc	0	0	0	0.348032	0	0
ENSMUSG Akap17b	1.03848	1.068649	1.085857	1.36691	1.259388	1.487604
ENSMUSG Ces2b	0.800237	0.534604	0.597275	0.565297	0.446079	0.502026
ENSMUSG Dusp19	3.705325	3.592985	3.682332	3.668094	3.420291	3.862889
ENSMUSG Nckap1	49.46217	49.28145	42.9383	34.46388	36.99417	34.26766
ENSMUSG Frzb	0.192092	0.163326	0.054881	0.143899	0.11549	0.183192
ENSMUSG Itprid2	20.56186	21.31702	19.02768	19.15339	19.64538	20.270681
ENSMUSG Dnajc10	35.2253	37.88789	34.64938	33.0431	34.69188	33.565685
ENSMUSG Itga4	6.448059	5.388455	7.411979	14.42352	12.92461	13.579361
ENSMUSG Tmem208	23.85649	20.25373	25.27317	22.76637	26.54156	23.852853
ENSMUSG Msh3	2.823167	2.969048	2.851828	2.900267	2.914973	2.720249
ENSMUSG Adamts13	0.081089	0.370673	0.054471	0.064617	0.019556	0.13366
ENSMUSG Txnrd3	8.881932	7.879729	7.009401	6.441881	6.071178	6.842223
ENSMUSG Gm11487	0	0	0	0	0	0
ENSMUSG Fasl	0.907929	0.400357	2.14044	0.794527	0.308809	0.393761
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.054933	0.528322	0.295243	0.313111	0.269255	1.243771
Mus_musc Mus_musc	0.146777	0.489299	0	0	0.475094	0.330185
Mus_musc Mus_musc	0	0	0	0	0	0.065622
Mus_musc Mus_musc	0	0	0	0.348032	0	0
ENSMUSG Pcmt1	21.71742	22.55601	20.6324	20.40289	18.33715	17.736241
Mus_musc Mus_musc	0.349267	0.42939	0.575774	0.463767	0.609965	0.529371
Mus_musc Mus_musc	0.271419	0.008051	0.052884	0.421422	0.025975	0.234637
Mus_musc Mus_musc	0.917575	1.336931	1.347816	1.155597	0.938492	1.112404
Mus_musc Mus_musc	0.202184	0.446335	0.408111	0.321213	0.31584	0.475319
Mus_musc Mus_musc	0.711704	0.474199	0.685414	2.822481	1.747623	2.288633
Mus_musc Mus_musc	0.395856	0	0	0.071744	0	0
Mus_musc Mus_musc	0.376465	0	0.101651	0	0	0
Mus_musc Mus_musc	0.2404	0.108739	0.098157	0	0.033842	0.093752
ENSMUSG Gm13083	0	0	0	0	0	0
ENSMUSG Pilrb2	1.859206	1.975387	1.705956	1.179335	0.476825	1.379459
ENSMUSG Pilrb1	2.846184	1.704269	3.410896	2.007289	1.15671	0.928246
ENSMUSG Zbtb16	50.21093	42.34806	42.84384	10.82285	19.24268	8.175345
ENSMUSG Apol9a	0.700836	0.620159	1.967472	0.914215	1.020406	0.506091
ENSMUSG Gnrh1	0.692096	0.653404	1.530443	0.705675	0.435648	0.332969
ENSMUSG Rps5	403.4508	437.8879	441.6393	447.0769	424.299	470.18002
ENSMUSG Gm10670	0	0	0	0	0	0
ENSMUSG Ugt2b36	0	0	0	0	0	0
ENSMUSG Hist1h4d	0.046099	0.033086	0.214213	0.300325	0.045771	0.329852
ENSMUSG Olfr346	0	0	0	0	0	0
ENSMUSG Olfr525	0	0	0	0.049056	0	0
Mus_musc Mus_musc	0.083156	0.14658	0.215549	0.331537	0.234507	0
Mus_musc Mus_musc	0	0	0.079437	0.487682	0.201909	0.355093
Mus_musc Mus_musc	4.126032	4.14479	4.820662	6.808879	10.85162	7.166183
Mus_musc Mus_musc	1.025624	0.538554	0.45518	0.203059	0.081542	0.264114
Mus_musc Mus_musc	0.112594	0.130131	0	0.094302	0.332394	0.111762
Mus_musc Mus_musc	0	0	0.211859	0	0.094869	0
Mus_musc Mus_musc	0	0	0	0	0.31315	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0.107922
Mus_musc Mus_musc	0.224449	0.083843	0.163802	0.31136	0.411767	0.356894
ENSMUSG Hmgcs1	38.5808	32.51387	36.94631	42.08334	33.62659	43.59166
ENSMUSG Amy2a3	0	0	0	0	0	0
ENSMUSG Olfr971	0	0	0	0	0	0
ENSMUSG Atxn10	61.35431	57.16856	52.60334	43.88365	42.39126	49.541824
ENSMUSG Pcdhga5	1.524741	1.45588	1.575858	0.869265	0.882252	1.060317
ENSMUSG Tll1	0.994788	0.907696	0.707214	0.742608	0.922888	0.673495

ENSMUSG Gyl1	0	0	0	0	0	0
ENSMUSG Gm3248	0.131851	0.313274	0.128038	0.074941	0.101477	0.10854
ENSMUSG Gm42715	1.580327	5.957819	6.036551	4.978008	3.080799	5.62356
ENSMUSG Gm20817	0	0	0	0	0	0
ENSMUSG Rpp25l	12.46192	12.66904	13.17643	11.28421	14.65295	12.596533
ENSMUSG Il5	0.036862	0	0.051879	0.339699	0.271354	0.258005
ENSMUSG Lmo1	0.503067	0.856344	0.31379	0.470332	0.553817	1.030109
ENSMUSG Slc17a2	0.402228	0.300129	0.247985	0.296267	0.165478	0.142089
ENSMUSG Metap2	26.61913	43.56759	46.39343	29.38387	27.98427	33.366986
ENSMUSG Zfp986	0	0	0.047246	0	0	0.090222
ENSMUSG Usp5	18.7022	19.27363	19.46803	20.60548	19.28748	21.265419
ENSMUSG Poli	2.012009	1.51895	2.023555	2.668149	2.568861	2.016042
ENSMUSG Hdhd3	9.243032	7.229998	6.940403	7.107512	7.8166	6.873281
ENSMUSG Fcrla	4.938675	2.247375	1.937395	12.57834	10.93834	12.216919
ENSMUSG Mos	0.022709	0	0	0	0	0.059234
ENSMUSG Sox6	1.217497	1.110456	0.809849	0.57372	0.508899	0.65604
ENSMUSG Tas2r144	0	0	0	0	0	0
ENSMUSG Prdm15	2.243906	2.331066	2.719519	2.391271	2.439662	2.467899
Mus_musc Mus_musc	0	0.025588	0	0.076571	0	0.190731
ENSMUSG Dazl	0.03791	0	0	0	0.016499	0
ENSMUSG Pax5	1.950086	1.000176	1.204718	2.718379	2.083155	2.929735
ENSMUSG Gm42417	0.187901	0.346294	0.306411	0.261223	0.115607	0.098497
ENSMUSG Nup62	11.98033	10.55469	10.9306	12.4954	13.58976	14.385652
ENSMUSG Olfr623	0	0	0	0	0	0
ENSMUSG Gm6882	0	0	0	0	0	0
ENSMUSG Zfp383	3.864601	4.788852	4.134798	3.197717	2.806931	3.237996
ENSMUSG Col9a1	0	0	0	0	0	0
ENSMUSG Eed	12.49424	13.81994	12.47468	12.1761	13.90835	12.918717
ENSMUSG H2-DMa	21.77138	19.2788	44.43293	44.82892	30.50458	35.754696
ENSMUSG Folh1	0.123589	0.18522	0.064007	0.099788	0.066552	0.03171
ENSMUSG Prkci	41.40475	42.60324	37.00055	25.34758	26.70284	25.840713
ENSMUSG Zfp60	3.164469	3.552313	3.145339	2.782679	2.790743	2.962176
ENSMUSG Ccdc90b	10.83368	11.30684	8.627387	8.708016	7.700717	9.143769
ENSMUSG Vps13b	6.491205	6.912965	5.284549	6.536185	6.53721	6.908938
ENSMUSG Tmem126	9.852744	10.23205	10.39038	12.18054	14.2574	13.85161
ENSMUSG Sytl2	8.212652	7.736837	8.071352	9.471938	7.971543	8.663966
ENSMUSG Chordc1	10.12985	14.24926	11.28717	9.436078	8.991798	10.243592
Mus_musc Mus_musc	0.182406	0.190944	0	0.119729	0.5601	0.053504
ENSMUSG Gm9918	0.023675	0.039422	0	0.023858	0	0.060667
ENSMUSG Galnt12	1.054061	1.233665	1.160255	2.251638	1.659914	3.385109
ENSMUSG Defb3	0	0	0	0	0	0
ENSMUSG Zfp993	0.685635	0.391403	0.226836	1.230623	1.360479	1.184397
ENSMUSG Ypel5	16.29074	15.03445	15.9469	14.23583	16.44113	15.15094
ENSMUSG Polr2j	24.78017	23.13076	26.30853	21.99383	21.26824	22.645493
ENSMUSG Olfr133	0	0	0	0	0	0
ENSMUSG Rwd4a	7.832304	8.247259	8.506709	7.351777	7.715154	7.58794
ENSMUSG Prss47	0	0	0.036046	0	0	0
ENSMUSG Zfp493	0.875922	0.810337	0.768976	0.809485	0.944808	0.792713
ENSMUSG Vmn1r200	0	0	0	0	0	0
ENSMUSG Arntl	2.017699	2.406624	2.578389	5.290459	5.116667	6.439927
ENSMUSG Wwc2	27.87129	26.90318	24.61305	17.27181	17.70438	17.030821
ENSMUSG Dctd	0.133257	0.259587	0.34217	0.468499	0.529166	0.49957
ENSMUSG Fgfr1	12.1264	12.77517	12.01572	11.29232	13.64602	12.841261
Mus_musc Mus_musc	0	0	0	0.155702	0.246916	0
ENSMUSG Olfr1166	0	0	0	0	0	0
ENSMUSG Rcor3	8.538198	8.429445	7.972622	6.940319	7.667718	7.446422
ENSMUSG 9530002B	0	0	0	0	0	0
ENSMUSG Acy1	3.921761	4.938279	4.442328	3.865004	5.194821	3.678619
ENSMUSG Muc3	0	0.10576	0	0.190638	0	0
ENSMUSG Gabrr2	0.228206	0.504664	0.135201	0.051211	0.230154	0
ENSMUSG Frs3	2.173282	2.067271	1.715294	1.443316	1.288735	1.220965
ENSMUSG Olfr1082	0	0	0	0	0	0
ENSMUSG D130052B	0	0	0.019286	0	0	0.021428
ENSMUSG Tspyl4	7.545737	7.102284	6.372538	7.730148	7.37495	8.655331

ENSMUSG Asb6	6.309374	6.018533	6.330418	5.504753	4.810868	5.91234
ENSMUSG Nt5dc1	7.059853	8.151496	6.409007	6.668653	6.220873	6.262656
ENSMUSG Nrtn	1.748711	0.2964	1.046314	0.631595	1.166508	1.933685
ENSMUSG Cntn5	0	0	0	0	0	0
Mus_musc Mus_musc	1.772623	0.917634	0.747586	0.373524	0.497478	0.389542
ENSMUSG Gtf3c2	17.77202	17.0409	15.89447	15.19716	14.22628	15.435134
ENSMUSG Akr1cl	0	0	0	0	0	0
ENSMUSG Mettl21a	4.386426	3.60228	4.330348	4.053981	3.477818	4.41514
ENSMUSG Idh1	36.38351	35.97792	32.43404	50.57157	51.37509	53.824543
ENSMUSG Crygc	0	0	0	0	0	0
ENSMUSG Klf7	20.69232	21.80132	19.38309	11.7462	13.27834	11.910046
ENSMUSG Creb1	12.40231	13.21183	11.14974	10.69603	10.07801	10.680575
Mus_musc Mus_musc	0.509165	0.121266	0.158048	0.46195	0.345439	0.404081
ENSMUSG Gm42674	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Spryd3	20.76151	16.8782	21.56223	15.60913	17.23674	17.282047
ENSMUSG 9330182LC	4.970704	4.224821	4.419391	3.380831	3.86124	4.046138
ENSMUSG Rai1	8.241125	8.209041	8.615016	7.566308	8.306742	8.205654
ENSMUSG Zfp954	5.026987	6.248833	5.488067	4.872154	5.926842	6.371428
ENSMUSG Scfd2	2.773426	2.528991	2.584145	2.858657	3.338797	2.910141
ENSMUSG 4921524J1	10.46947	8.967516	10.34285	8.100425	8.539028	7.599152
ENSMUSG Aifm1	13.74886	13.81026	13.70012	13.41892	14.66172	14.048276
ENSMUSG Nfkbid	1.346828	0.833057	1.572118	1.742126	1.221521	1.738938
ENSMUSG Cox4i1	230.0846	234.8823	248.3406	268.0377	246.8989	280.20102
ENSMUSG Try5	0	0	0	0	0	0
ENSMUSG Git1	32.30863	32.32282	35.33065	24.84505	24.27971	25.985792
ENSMUSG C8b	0	0	0	0	0	0
ENSMUSG Hsph1	16.79231	40.73023	34.21029	26.44645	31.65595	32.255887
ENSMUSG Arc	0.102479	0.145116	0.144881	0.549447	0.226903	0.630454
ENSMUSG N4bp2l2	9.234624	10.18778	8.712815	8.937172	8.663253	10.315976
ENSMUSG Cep97	1.650339	1.723525	1.426644	1.912078	1.765838	1.654198
ENSMUSG Slc46a3	7.86805	8.250174	7.592629	7.728479	7.411093	7.053984
ENSMUSG Mtus2	1.969195	2.19726	1.230725	0.985175	0.969511	1.337761
ENSMUSG Wdr95	0.068375	0.16576	0.225098	0.272923	0.277718	0.518856
ENSMUSG Medag	4.877992	5.044026	3.531012	4.094595	3.788723	4.016627
ENSMUSG P3h2	5.617518	5.854564	6.025046	5.182639	5.416296	5.538547
ENSMUSG Atg5	12.82567	13.16884	11.40141	14.36436	14.22497	15.346621
ENSMUSG Plekhg6	0.896384	0.644079	0.519928	1.000896	0.733074	0.778004
ENSMUSG Chmp6	15.6924	15.23039	17.21354	17.1227	16.43161	18.346928
ENSMUSG Cdh9	0.042718	0.039242	0.014321	0	0	0
ENSMUSG Rnf41	12.07878	14.0956	13.01945	11.06096	11.87872	10.556125
ENSMUSG Baiap2	28.98009	24.78005	25.32347	21.18315	22.52806	23.554736
ENSMUSG Aatk	6.445252	5.033676	5.711119	3.496678	3.836226	3.944336
ENSMUSG Nabp2	20.50665	23.06615	23.57497	16.92555	18.74105	19.496206
ENSMUSG Tepsin	4.619641	4.421601	4.96718	4.141647	3.544021	4.494144
ENSMUSG Pigs	16.9764	15.74096	18.39263	19.45036	20.86785	22.87566
Mus_musc Mus_musc	0	0.202662	0	0	0	0
ENSMUSG Ehmt2	31.893	30.64346	31.12026	31.82792	31.50429	35.728171
ENSMUSG Fndc1	7.728462	5.46497	5.548611	5.148618	5.210674	4.302615
Mus_musc Mus_musc	1.26824	1.070321	3.501639	3.804353	3.058536	3.221671
ENSMUSG Cga	0	0	0	0	0	0
ENSMUSG Slc47a2	0.069137	0	0.08031	0.133678	0.083018	0.087018
ENSMUSG Akirin2	21.74603	21.57778	20.09965	18.60478	16.04499	14.656189
ENSMUSG Slc35a1	12.28859	12.90512	12.83864	11.44541	13.07778	11.715307
ENSMUSG Rars2	6.628511	6.685564	5.163629	7.214171	6.96605	7.347089
ENSMUSG Smim8	4.399012	5.800096	5.03076	5.356093	5.686774	4.174402
ENSMUSG Cfap206	4.980975	6.393591	3.530576	6.278107	6.422419	6.37989
ENSMUSG Gm20809	0	0	0	0	0	0
ENSMUSG Glt1d1	0.019007	0	0.12325	0.015296	0.065969	0.043497
ENSMUSG Gm49393	0	0	0	0	0	0
ENSMUSG Epx	0	0	0	0.73787	1.561648	1.886933
ENSMUSG Ndufaf2	4.690046	7.81793	5.619757	7.438575	5.47851	5.067404
ENSMUSG Gm10234	0	0	0	0	0	0

ENSMUSG Olfr203	0	0	0	0	0	0
ENSMUSG Abcg4	0.096014	0.168779	0.152361	0.082374	0.089541	0.165579
ENSMUSG Mcam	82.48633	63.63154	97.24382	49.16383	52.36826	58.093706
ENSMUSG Gm10330	0	0	0	0	0.020407	0
ENSMUSG Mcpt9	0	0	0	0	0	0
ENSMUSG Tbx5	13.94925	13.51588	13.92114	8.627739	9.445456	7.645753
ENSMUSG Stambpl1	4.819254	3.535944	4.019002	5.368959	4.864369	4.237061
ENSMUSG Ppp2r5b	18.30643	17.57335	20.51795	13.9824	14.64986	15.143274
ENSMUSG Ankrd22	0.031942	0	0	0	0	0.087608
ENSMUSG Nps	0	0	0	0	0	0
ENSMUSG Atg2a	8.069843	7.007299	7.198901	7.519706	7.445202	7.553187
ENSMUSG Lipn	0	0.028561	0	1.563086	1.692388	2.221318
ENSMUSG Lipk	0	0	0	0	0	0
ENSMUSG Tmem219	14.4846	15.0385	17.16684	17.42042	18.98029	16.891816
ENSMUSG Fas	23.60424	23.43959	26.22582	16.74459	19.69647	15.164172
ENSMUSG Bmi1	20.36658	20.47105	21.03306	16.57862	16.97527	15.466328
ENSMUSG Pter	2.492248	2.805927	2.400248	2.305988	2.319066	2.483171
ENSMUSG 4921504E	0	0	0	0.093248	0.010506	0.062099
ENSMUSG Ptf1a	0	0	0	0	0	0
ENSMUSG 4930426L	0.21458	0.118773	0.176578	0.038882	0.157262	0.42152
ENSMUSG Pip4k2a	11.4558	11.55945	14.08545	15.70151	15.18312	14.993203
ENSMUSG Trpm8	0	0.009193	0.004026	0	0	0
ENSMUSG Igfbp7	239.5931	228.3823	232.9898	226.1828	245.0098	219.83967
ENSMUSG Pnpla8	8.469892	8.489712	7.692462	7.193178	7.20157	6.573553
ENSMUSG Pafah1b3	10.98671	10.75969	10.47686	21.09958	18.60598	19.562717
ENSMUSG Cic	21.43166	22.30787	21.92493	23.90186	24.50099	23.50514
ENSMUSG Nqo1	2.736445	3.177002	1.998899	1.010089	1.260023	1.603477
ENSMUSG Nob1	10.84863	10.03252	10.811	9.593933	9.329732	9.456543
ENSMUSG Nfat5	15.97324	16.73336	12.90948	11.67417	13.49136	11.649803
ENSMUSG Olfr224	0	0	0	0	0	0
ENSMUSG Naa38	10.65299	11.49331	14.69641	15.8327	15.24481	15.858739
ENSMUSG Zc3h4	14.60951	13.31771	12.78451	12.27492	12.25217	12.567062
ENSMUSG Cluh	11.62636	11.08686	10.01807	12.75611	12.54674	14.366845
ENSMUSG Slc17a7	0.014643	0.838062	0.071273	0.206964	0.230948	0.137303
ENSMUSG Hbq1a	0.14009	0.434569	0.30305	0.18943	0.111227	0
ENSMUSG Nsg2	0.536829	0.538328	0.534054	0.492835	0.206604	0.614444
ENSMUSG Mn1	1.026471	1.034997	1.077867	0.759989	0.758989	0.944075
ENSMUSG 4930524B	0	0	0	0	0	0
ENSMUSG Vmn2r121	0	0	0	0	0	0
ENSMUSG Bard1	0.308546	0.362691	0.276853	0.413008	0.462723	0.686459
ENSMUSG Zfand2b	10.62861	12.59032	12.62665	12.17044	10.7386	10.410342
ENSMUSG Atic	12.39474	10.7677	10.94199	11.25248	10.90011	12.82221
ENSMUSG Fn1	43.97601	45.66187	53.69318	175.6259	212.9841	237.68142
ENSMUSG Gm49340	0	0	0.014623	0	0	0.035686
ENSMUSG Abcb6	4.592934	4.484958	3.757975	4.811494	5.105251	4.666538
ENSMUSG Ankzf1	6.815379	6.311392	8.237682	7.380824	6.326238	5.341852
ENSMUSG Tet2	3.169384	3.425977	2.814592	3.662214	3.286634	3.521934
ENSMUSG Arhgef1	66.14383	59.12407	66.80025	57.65258	56.01925	55.843356
ENSMUSG Rcc2	22.0935	20.41903	22.01042	22.92835	24.71332	24.882399
ENSMUSG Tas2r102	0	0	0	0	0	0
ENSMUSG Adamts4	0.075958	0.068312	0.061547	0.092053	0.202558	0.269366
ENSMUSG Gm28051	0.319365	0	0.648105	0	0	0
Mus_musc Mus_musc	0.222396	0.172667	0	0.046804	0	0.219436
Mus_musc Mus_musc	0.926317	0.716188	0.792257	0.880262	1.113114	0.962218
Mus_musc Mus_musc	0.729583	0.149086	0.640242	0.463389	0.155621	0.250171
Mus_musc Mus_musc	0	0	0	0.156033	0.146971	0
Mus_musc Mus_musc	0	0.149602	0	0.26726	0.113417	0.220987
Mus_musc Mus_musc	0.598179	0.145203	0	0.105551	0	0.227974
Mus_musc Mus_musc	0	0.103578	0.080774	0.331241	0	0
ENSMUSG Foxj2	12.33161	10.41848	11.03305	8.85236	8.98809	8.689473
ENSMUSG Vmn1r138	0	0	0	0	0	0
ENSMUSG Slc2a3	3.79519	2.738946	4.594549	4.35453	3.988775	3.87802
ENSMUSG Oaz1	329.2864	356.7394	382.1491	359.6681	346.3292	290.1318
ENSMUSG Fam169b	1.308739	1.812079	1.035552	2.503731	2.316411	2.962323

ENSMUSG Pcyt1b	0.457346	0.480717	0.260662	0.68733	0.675298	0.796973
Mus_musc Mus_musc	0.457443	0.609436	0.438484	0.452957	0.551214	0.224839
Mus_musc Mus_musc	1.141288	0.566431	0.718596	0.650134	0.402653	0.23202
Mus_musc Mus_musc	0	0	0	0	0	0.292934
Mus_musc Mus_musc	0	0.342135	0.24089	0.143454	0.26471	0.30104
Mus_musc Mus_musc	0	0.208572	0	0	0	0
Mus_musc Mus_musc	0	0	0.090184	0	0.637281	0
ENSMUSG Dsg1a	0	0.018251	0	0.018179	0.004619	0.009718
ENSMUSG Tmem130	0	0	0	0	0.019967	0
ENSMUSG 4930556J2	0.021566	0.046586	0.015191	0	0	0.10041
ENSMUSG Olfr71	0.055068	0.1479	0	0.055596	0.000414	0.052494
ENSMUSG Tmem150l	1.636484	0.884598	1.738253	1.210546	1.200523	1.17833
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Olfr1380	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.11378	0.119457	0
Mus_musc Mus_musc	0.14069	0.064843	0	0	0	0.104176
Mus_musc Mus_musc	0.897419	1.064527	1.090338	0.483664	0.557488	1.165689
ENSMUSG Khl14	0.188839	0.100233	0.127609	0.309987	0.138616	0.148915
ENSMUSG Mum111	1.03081	1.101433	1.111808	1.014174	0.908176	0.783644
ENSMUSG AA986860	38.40179	50.15802	37.09919	20.44376	30.20837	24.059669
ENSMUSG Dyrk1b	13.11108	11.10129	11.02467	9.820276	11.43907	9.250372
ENSMUSG Olfr957	0	0	0	0	0	0
ENSMUSG Olfr1265	0	0	0	0	0	0
Mus_musc Mus_musc	0.389393	0.678665	0.085321	0.462728	0.340698	0.549074
Mus_musc Mus_musc	0	0	0	0	0	0.038479
Mus_musc Mus_musc	0	0	0	0	0	0.191422
ENSMUSG Abca7	7.503427	6.813696	8.568847	8.860918	7.922766	8.839202
ENSMUSG Bnip3	27.95676	34.21125	27.14993	21.2113	22.44307	22.786597
ENSMUSG Supt16	18.95575	17.54131	17.70989	17.84839	17.7157	16.826799
ENSMUSG Prkx	17.06734	18.43869	17.22451	14.96539	15.90406	15.428565
ENSMUSG Erich2	3.336828	4.060043	4.021837	5.171993	5.087461	5.129218
ENSMUSG Sp5	2.047304	1.255269	1.215616	1.493473	1.378679	2.028855
ENSMUSG Khl41	0.307215	0.868501	0.188776	0.202984	0.438494	0.420154
ENSMUSG Tmem186	4.257747	4.356182	4.346583	3.945924	3.863902	4.203069
ENSMUSG Napb	0.887643	1.042619	1.293036	0.872132	0.656808	0.854665
ENSMUSG Olfr1110	0	0	0	0	0	0
ENSMUSG Osgin2	7.079781	8.488898	6.080114	5.837308	5.982594	5.203182
ENSMUSG Mpl	0.205389	0.151837	0.256074	0.24527	0.135979	0.2071
Mus_musc Mus_musc	0	0	0.035369	0	0.231437	0
Mus_musc Mus_musc	0.102485	0.123694	0.069732	0.424822	0.242679	0.22955
ENSMUSG Ocll	8.967459	7.763199	8.008522	8.113442	6.747574	8.645776
Mus_musc Mus_musc	0	0	0	0	0.373385	0
Mus_musc Mus_musc	0.582478	0.38526	0.365357	0.287123	0.271387	0.210406
ENSMUSG Tek	140.4685	133.9477	143.9665	85.40068	92.82274	79.856059
Mus_musc Mus_musc	0	0	0.126376	0	0.551438	0
ENSMUSG Olfr1137	0	0	0	0	0	0
ENSMUSG Scp2d1	0	0	0	0	0	0
ENSMUSG Arf3	66.79898	58.42835	63.19878	50.64084	52.51557	54.712514
ENSMUSG Rtl8c	34.12606	28.26476	32.37381	21.30808	24.32401	22.145065
ENSMUSG Xrn2	30.02019	27.66702	28.44216	25.45501	22.99428	24.325268
ENSMUSG Mest	6.427003	5.099018	6.885746	5.983925	6.877086	7.767383
ENSMUSG Cd93	87.88438	85.30488	80.05673	49.9961	59.71616	50.72691
ENSMUSG Lsm10	12.02065	10.79445	13.67326	11.53858	12.32882	12.282079
ENSMUSG Kctd2	13.73843	13.95175	14.47426	12.87779	10.59462	12.821907
ENSMUSG Tmprss6	0.062955	0	0	0.092678	0	0.052625
ENSMUSG 4933400A	0	0	0	0	0	0
ENSMUSG Kctd5	11.99237	11.00093	10.1621	9.016252	10.26311	10.160589
Mus_musc Mus_musc	0	0	0	0	0.190093	0
Mus_musc Mus_musc	0.142783	0.304493	0	0.27917	0	0
Mus_musc Mus_musc	1.618465	1.197229	1.895443	1.647277	1.627534	1.572913
Mus_musc Mus_musc	0.422917	0.536107	0.701133	0.839448	0.771516	0.566108
Mus_musc Mus_musc	0	0	0	1.024564	0.87393	1.323134
Mus_musc Mus_musc	0.477694	0	0.079865	0	0	0.05805

Mus_musc Mus_musc	0.183629	0	0	0	0	0
ENSMUSG Mical3	4.14881	5.167671	4.654273	4.79555	5.008811	4.964231
ENSMUSG Otud6a	0.032308	0.079541	0	0	0	0
ENSMUSG G430095P	1.054482	0.991876	0.915833	0.560091	0.490758	0.572563
ENSMUSG En1	0	0	0	0	0	0
ENSMUSG Olfr69	0	0	0	0	0	0
ENSMUSG Nkx2-9	0.247833	0.409823	0.075112	0.145802	0.187739	0.150089
ENSMUSG Zfp704	7.077221	7.965393	5.825923	5.981707	5.994885	6.121072
ENSMUSG Pclaf	0.527571	0.643049	0.775346	4.119961	4.104288	4.591314
ENSMUSG Cuzd1	0	0.010465	0	0	0	0
ENSMUSG Olfr1342	0.404648	0.19647	0.440585	0.495404	0.34166	0.30274
ENSMUSG Myt1l	0	0	0.031221	0	0.011665	0.013744
ENSMUSG Wisp1	3.428534	2.86526	2.590487	1.977659	1.758981	1.482416
ENSMUSG Ndrgr1	13.88572	13.60905	14.81317	9.913077	10.27576	10.311625
Mus_musc Mus_musc	0.141153	0.095646	0.262479	0	0.140148	0.234419
Mus_musc Mus_musc	0.304386	0.241063	0.208997	0.342416	0.109064	0.354589
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0	0	0	0	0.099336
Mus_musc Mus_musc	0	0	0.210068	0.226978	0	0
Mus_musc Mus_musc	0.126707	0	0	0	0.098047	0
Mus_musc Mus_musc	0	0.156063	0	0	0.223288	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Olfr814	0	0	0	0	0	0
ENSMUSG Dennd6b	1.901124	1.426508	1.799241	1.416975	1.610864	1.457133
ENSMUSG Olfr539	0	0	0	0.004545	0	0
ENSMUSG Hist1h4j	0.333226	0.11324	0.098219	0.387676	0.118914	0.328156
ENSMUSG H2-T22	52.44066	42.54416	112.6378	74.08541	50.78551	62.648619
ENSMUSG Pcdh19	0.984868	0.879297	0.864332	0.361034	0.347728	0.510011
ENSMUSG Gm7792	0	0	0	0	0	0
ENSMUSG Nup160	6.807307	7.100385	6.129301	5.765494	5.871677	5.982391
ENSMUSG Rpl36	262.284	282.4974	301.3098	338.7874	260.3703	322.41211
ENSMUSG Ascl5	0	0	0	0	0	0
ENSMUSG Gm27021	0.134958	0.081885	0	0.204262	0	0.215498
ENSMUSG Gm3278	0	0	0	0	0	0
ENSMUSG Gm21882	0	0	0	0	0	0
ENSMUSG Olfr150	0	0	0	0	0	0
ENSMUSG Btdb35f19	0	0	0	0	0	0
ENSMUSG Gm5141	0.868682	0.859219	0.705359	0.888574	0.840903	0.697818
ENSMUSG Mroh6	0	0.035931	0.136079	0.08528	0.122833	0.036073
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	10.90641	12.39746	14.88026	14.53317	11.2524	10.430141
Mus_musc Mus_musc	0	0	0	0.187467	0	0
Mus_musc Mus_musc	92.09269	79.92086	88.47761	85.50343	81.6416	83.225544
Mus_musc Mus_musc	0	0	0.046073	0	0	0
ENSMUSG Zfp358	12.7455	13.22865	13.41887	9.865479	9.895936	9.093115
ENSMUSG Gap43	11.74733	10.94955	11.69015	8.608162	6.275493	6.974498
ENSMUSG Emc6	39.09708	40.62927	36.80598	37.52556	35.45407	36.310792
ENSMUSG BC051142	0.044557	0.081123	0.153047	0.140845	0.247014	0.09414
ENSMUSG Ms4a13	0	0	0	0	0	0
ENSMUSG Olfr644	0	0	0	0	0	0
ENSMUSG Fnta	36.4324	34.74689	33.30685	25.43291	30.96999	30.192278
Mus_musc Mus_musc	0.103096	0	0	0.346008	0.218818	0.173959
Mus_musc Mus_musc	0.742952	0.71574	0.230424	0.651583	0.418173	0.627642
ENSMUSG Ptprs	9.192571	9.48333	8.146441	9.645539	9.061557	8.009264
ENSMUSG Tmem200c	0.087756	0	0.057241	0.036384	0.034213	0
ENSMUSG Olfr804	0	0	0	0	0	0
ENSMUSG Gm13043	0	0	0	0	0	0
ENSMUSG Ddo	3.001714	2.929995	1.992982	3.709611	3.24363	2.982227
ENSMUSG Lce1d	0	0	0	0	0	0
ENSMUSG Olfr823	0	0	0	0	0	0
ENSMUSG Gm6367	0	0	0	0	0	0
ENSMUSG Swt1	8.796536	9.859424	8.015406	7.714842	8.392652	7.057043
ENSMUSG Vmn2r32	0	0	0	0	0	0
ENSMUSG Ccdc142	0.913334	0.891857	1.084124	1.165125	0.828251	0.81363

ENSMUSG Gm9955	0	0	0	0	0	0
ENSMUSG Abca15	0	0	0	0	0	0
ENSMUSG Pcdhga6	2.879523	2.625393	1.44179	1.559643	1.619816	1.623114
ENSMUSG Ints2	2.414032	2.679051	2.238986	2.996112	2.666084	2.837003
ENSMUSG Gm47959	0	0	0	0	0	0
ENSMUSG Chia1	50.21716	62.68214	61.15258	527.2566	669.3724	605.61996
ENSMUSG Tex101	0	0	0	0.018733	0	0
ENSMUSG Hyal3	0.944654	0.644286	0.332727	0.658721	0.631853	0.687276
ENSMUSG Arl5a	26.66301	25.5729	23.02006	23.66696	25.09016	22.278311
ENSMUSG Snx9	20.75529	20.585	19.82236	20.73827	21.30622	20.471739
ENSMUSG Dgkb	0.435923	0.397771	0.373167	0.540641	0.335097	0.17272
ENSMUSG Sif2	9.150285	9.203471	7.760971	6.916358	7.317806	7.103157
ENSMUSG Myrf	16.74469	12.75914	13.70956	10.02451	8.53163	12.966051
ENSMUSG Vezt	3.299436	3.958101	3.475994	2.928244	3.460528	2.912216
ENSMUSG Exosc10	17.98952	15.40521	18.3271	15.25649	16.51127	15.196426
ENSMUSG Gm13305	0.148846	0.144743	0.29026	0.118172	0.05127	0.20014
ENSMUSG Mam13	4.051456	4.17329	3.386968	2.944165	3.061087	3.191436
ENSMUSG Hist2h3c1	4.943596	4.43434	4.032259	4.620871	5.042582	3.97253
ENSMUSG Med10	18.85558	17.10588	19.59883	19.09116	17.23295	17.978224
ENSMUSG Tacr2	0.504554	0.08064	0.212928	0	0.083755	0.266491
ENSMUSG Tmem11	19.16431	18.26398	20.14194	17.73328	15.84166	16.149668
ENSMUSG Gm28363	0	0	0	0	0	0
ENSMUSG Pnpla1	0.022435	0	0	0	0	0
ENSMUSG Dnase1l1	14.13514	16.83459	17.94872	18.58274	16.82864	19.135262
ENSMUSG Vmn1r171	0	0	0	0	0	0
ENSMUSG Acat3	1.049311	1.139905	1.863045	1.984344	2.29952	2.598848
ENSMUSG Atp6ap1	83.26115	82.02933	94.25245	82.7021	83.88463	88.065259
ENSMUSG Mfsd3	1.553934	1.542131	1.4318	1.8479	1.63843	1.919201
ENSMUSG Ifit3b	18.3424	15.33296	23.23754	10.67487	9.723513	7.971823
ENSMUSG Tmem35a	1.662578	1.687426	1.173745	1.052716	0.642619	1.433637
ENSMUSG Fa2h	0.10821	0.069476	0.129278	0.125764	0.033713	0.217594
ENSMUSG Zxdb	1.942138	3.613374	5.248476	1.853091	3.018907	3.188366
ENSMUSG Apol6	0.319043	0.382016	0.383947	0.929357	0.29911	0.710492
ENSMUSG Myo6	18.01225	17.44652	15.24551	12.47885	13.39442	12.03887
ENSMUSG Elob	101.7266	107.6633	113.5285	101.2646	99.33381	107.42882
ENSMUSG Olfr357	0	0	0	0	0	0
ENSMUSG Rd3l	0	0	0	0	0	0
ENSMUSG Hist2h4	1.417042	1.984531	1.313352	1.34996	1.117634	1.167605
ENSMUSG Vmn2r117	0	0	0	0	0	0
ENSMUSG Zfp1	4.198527	3.810183	3.314514	3.78402	3.525164	3.534559
ENSMUSG Zfp2	2.141116	2.530829	1.693613	1.163505	1.404941	0.965467
ENSMUSG Sytl1	2.059961	1.900432	1.471531	2.789119	2.827373	3.738238
ENSMUSG Kmt5a	18.71133	25.91198	19.71606	24.45386	26.20704	23.85293
ENSMUSG Pradc1	7.546764	8.753082	8.668249	7.880632	9.191992	9.291943
ENSMUSG Paip2	108.0973	119.26	111.6936	92.67152	86.86055	84.170212
ENSMUSG Azgp1	0.100342	0.1975	0.105373	0.077549	0	0
ENSMUSG Add2	0.026381	0.010109	0.041243	0.006423	0	0
ENSMUSG Dusp11	21.60573	20.47096	20.32129	17.67479	17.4504	16.62376
ENSMUSG Nat8	0.21884	0.1348	0.336067	0.143533	0.148789	0.178446
ENSMUSG Cct7	50.36453	57.85553	59.53648	52.54372	52.61947	54.928371
ENSMUSG Myh3	0.038691	0.037484	0.029104	0.033903	0.066554	0.076991
ENSMUSG Pik3r5	6.455008	4.879986	6.913528	13.61043	15.55522	16.771387
ENSMUSG Myh10	31.11233	28.09287	29.73986	19.33075	18.24732	18.001373
ENSMUSG Stx8	5.549656	5.893251	6.007668	5.388222	5.243371	5.935224
ENSMUSG Ntn1	20.6706	18.6282	22.63217	14.58183	14.17439	15.498605
ENSMUSG Usp43	3.507423	3.477351	3.126717	2.406638	2.586646	3.003227
ENSMUSG Cfap52	2.241316	3.434659	1.636307	3.868638	3.472646	3.648173
ENSMUSG Rcvrn	0	0	0	0	0.091192	0
ENSMUSG Map2k3	41.0379	41.76965	41.78399	33.66017	36.3188	36.529942
ENSMUSG Natd1	9.817635	9.018664	9.173083	8.550818	9.078501	9.961175
ENSMUSG Ccl4	0.731328	0.756115	2.053342	2.560674	2.443973	2.855166
ENSMUSG Olfr136	0	0	0	0	0	0
ENSMUSG 1810010D	2.348384	1.815086	1.469307	3.468187	4.214543	2.945944
ENSMUSG Tmem151l	0	0.023012	0.041419	0.025465	0	0.025847

ENSMUSG Gm8890	0	0	0	0.449676	0.350496	0.476513
ENSMUSG Speer2	0	0	0	0	0	0
ENSMUSG Numbl	4.939402	4.251015	4.32451	3.835701	4.216541	3.569809
ENSMUSG Gm17651	0	0	0	0	0	0
ENSMUSG 1700049E1	0	0	0	0	0	0
ENSMUSG Gulp1	8.384224	8.283592	7.39504	6.905727	6.688428	5.72877
ENSMUSG Ldlrad3	11.54871	10.93146	9.694309	8.13466	8.294984	8.049905
ENSMUSG Atp8b1	4.557339	5.042636	4.579154	3.927671	4.668628	4.14848
ENSMUSG Khlh6	6.744575	5.893044	7.711593	8.313223	8.02402	7.523958
ENSMUSG Gng2	13.73517	12.19111	10.72124	11.26109	9.639022	9.532545
ENSMUSG Foxp3	0.343803	0.16931	0.318922	0.827993	0.487997	0.639753
ENSMUSG Cep104	14.52853	14.44218	13.44673	11.00622	10.92838	10.775736
ENSMUSG Igf2	2.439747	3.212079	1.951158	1.614436	1.292853	1.296206
ENSMUSG Gja3	0	0.070912	0.018201	0	0	0.017779
ENSMUSG E130311K1	2.499442	1.509784	1.809162	1.941978	2.003414	1.989773
ENSMUSG Lias	7.885896	8.47791	9.454397	9.982691	7.563282	7.998346
ENSMUSG Grpel1	9.42431	11.00877	10.4674	10.08695	9.5734	10.507184
ENSMUSG Klb	0	0	0	0.065625	0.015769	0.031218
ENSMUSG Tada2b	12.20175	12.48731	11.59602	9.893535	9.804605	10.22872
ENSMUSG Rfc1	11.27752	10.40804	10.10649	9.40154	9.67748	9.24484
ENSMUSG D5Ertd579	16.55481	16.72458	15.26986	11.95254	12.48417	12.096866
ENSMUSG Cckar	26.07923	29.79289	17.87645	17.82673	19.49125	19.011443
ENSMUSG Tbc1d14	11.68371	12.11784	12.86204	14.43915	14.04236	15.675473
ENSMUSG Rbm10	15.62377	16.58237	15.34413	16.06403	16.56961	15.89438
ENSMUSG Cdk16	30.40832	30.36613	31.23142	26.29541	27.3562	27.671093
ENSMUSG Usp11	4.714444	4.76071	4.475419	4.605856	3.877245	5.054443
ENSMUSG Glrx3	29.8286	31.09162	29.69791	30.92659	30.62231	31.83443
ENSMUSG Sfi1	16.02271	12.2359	12.3848	13.54236	11.65972	12.383208
ENSMUSG Dnajc25	2.755034	2.753894	2.032484	2.414512	2.900913	3.077656
ENSMUSG Actl7a	0	0.044977	0.021885	0	0	0.033964
ENSMUSG Maco1	20.55253	20.83551	18.52251	15.35211	16.31623	15.80344
ENSMUSG Tmem109	52.37458	54.23241	53.82568	41.48975	43.75361	41.246615
ENSMUSG Rhd	0.055919	0.170765	0.095961	0.038964	0.048338	0.130541
ENSMUSG Tmem50a	119.6873	115.3865	122.474	112.0588	109.0055	106.67824
ENSMUSG Sfpq	42.56462	41.23707	42.09667	34.34094	36.23496	37.527561
ENSMUSG Syf2	68.28336	73.71085	72.05769	58.61535	55.10929	50.033546
ENSMUSG Cd300a	2.562749	2.178603	2.632179	5.540928	5.142005	5.898912
ENSMUSG Ythdc2	1.996978	2.224404	2.024433	1.845288	1.527125	1.537017
ENSMUSG Cacna1a	0.234695	0.212093	0.18538	0.933914	0.778415	1.050995
ENSMUSG Gm16368	0	0	0	0	0	0
ENSMUSG Pde4d	6.660525	7.882591	5.628423	5.136978	5.52715	5.228146
ENSMUSG Gm30302	0	0	0	0	0	0
ENSMUSG Dimt1	3.624205	3.102172	2.646558	1.535185	2.079642	2.801007
ENSMUSG Kif2a	7.172651	6.294681	6.210635	6.363989	5.719612	5.410095
ENSMUSG Jmy	8.494517	9.127123	6.577615	5.935367	6.671358	5.128189
ENSMUSG Elovl7	1.927404	1.845097	1.673187	1.725288	1.835277	1.658778
ENSMUSG Depdc1b	0.300205	0.363467	0.317637	0.514784	1.130862	1.099728
ENSMUSG Ercc8	3.701063	4.094164	3.653435	3.110731	2.497086	3.053448
ENSMUSG PspH	10.81256	12.10012	8.987195	11.91156	11.97604	12.612846
ENSMUSG Hpd	0	0	0	0	0	0
ENSMUSG Mief1	6.177035	5.936108	6.329096	6.581615	5.859758	5.890097
ENSMUSG Syngr1	3.750618	3.638486	4.043364	5.466161	4.035182	6.849846
ENSMUSG Wdr66	3.072651	3.081786	2.05672	3.553746	3.534137	3.235675
ENSMUSG Cacna1i	0.395056	0.206592	0.14707	0.647113	0.378595	0.426824
ENSMUSG Deptor	10.15521	10.17618	7.342902	8.316666	8.917792	8.867721
ENSMUSG Rhof	3.569455	2.163858	5.3902	4.012312	4.18293	6.246995
ENSMUSG Apobr	5.419974	4.7801	8.007555	7.820467	7.312162	7.715747
ENSMUSG Retreg3	28.27182	30.60807	29.01478	27.37719	28.99377	27.263988
ENSMUSG Tmem108	1.706007	1.435992	0.998945	1.150029	0.56471	1.351674
ENSMUSG Bex2	18.96025	16.04688	16.60738	10.0806	8.337685	7.767234
ENSMUSG Nmnat2	1.804061	1.37404	1.599616	1.014342	1.092781	0.942869
ENSMUSG Abcc12	0.031997	0	0.029554	0.070776	0.042477	0.032152
ENSMUSG 2410004B1	10.25196	9.530081	11.95502	6.918437	9.381441	9.79244
ENSMUSG Fgfr1op	5.742985	6.628078	5.955166	7.306653	6.337413	7.379273

ENSMUSG Dna2	1.47804	1.6259	2.015188	1.802197	2.059147	2.204895
ENSMUSG Mlx	15.30386	15.68799	16.19934	15.29021	15.20718	15.177103
ENSMUSG Prdm4	7.256779	8.301268	8.26099	7.392897	6.619149	7.014604
ENSMUSG Npffr2	0	0.028082	0	0.099347	0.108402	0.069056
ENSMUSG Gnptg	23.91702	24.59709	23.83443	23.79455	24.07318	23.031099
ENSMUSG Vmn1r172	0	0	0	0	0	0
ENSMUSG Tsga8	0	0	0	0	0	0
ENSMUSG Toporsl	0	0	0	0	0	0
ENSMUSG Zfp446	2.062581	1.462269	1.488999	1.672277	1.727174	1.954917
ENSMUSG Jcad	108.599	111.5406	91.97014	50.93137	63.18743	50.549338
ENSMUSG Rnf225	1.106129	0.898653	0.638192	0.723196	0.779624	0.745673
ENSMUSG Cdkl4	2.428556	2.438842	1.326502	2.655236	3.038536	2.55672
ENSMUSG Slc16a2	7.4411	8.405711	6.421059	6.82039	6.72686	7.545559
ENSMUSG Zbtb41	5.107473	5.581925	4.357443	4.15895	5.796994	5.433499
ENSMUSG Polr1e	1.319673	2.070647	2.322315	1.532014	2.14709	2.018057
ENSMUSG Gm47995	0	0	0	0	0	0
ENSMUSG Coq2	15.81467	15.56075	19.461	13.82695	12.61375	14.655898
ENSMUSG Vps54	18.58569	19.91634	18.07988	16.65309	16.90249	14.631371
ENSMUSG Avpr1a	0.158594	0.42461	0.088517	0.504125	0.356673	0.797037
ENSMUSG Egfr	4.065978	4.586797	3.664351	3.479347	3.52185	3.372691
ENSMUSG Srgap1	3.286279	2.635221	2.710843	1.818942	2.346231	1.931568
ENSMUSG Plek	15.62414	13.70127	19.75471	21.61994	19.27965	21.014855
ENSMUSG Elane	0.064206	0	0	0	0	0
ENSMUSG Usp15	10.04412	9.988594	10.75792	9.877817	8.952891	8.218324
ENSMUSG Znhit2	12.63231	10.31321	11.53791	11.24408	11.83609	13.669898
ENSMUSG Lrrc55	0.143493	0.289143	0.087025	0.100695	0.057212	0.117961
ENSMUSG Ccdc162	1.634439	1.821117	1.163274	2.314988	2.365485	2.240643
ENSMUSG Olfr988	0	0	0	0	0	0
ENSMUSG Olfr987	0	0	0	0	0	0
ENSMUSG Olfr993	0	0	0	0	0.118535	0
ENSMUSG Olfr992	0	0	0	0	0	0
ENSMUSG Ccdc58	5.342288	5.190511	4.871117	5.520555	6.270587	4.39772
ENSMUSG 1700001P	0.612307	0.124387	0.353575	0.263814	0.218406	0
ENSMUSG Cwc25	9.491606	7.812473	8.194834	7.0911	7.446634	7.946282
ENSMUSG Pip4k2b	11.95071	11.02154	12.05906	11.37611	11.89755	11.66616
ENSMUSG Trim37	5.836003	6.676686	5.796728	6.722197	6.725068	6.088352
ENSMUSG Marveld1	67.13819	67.53646	69.16799	46.06328	47.73503	47.986324
ENSMUSG Phlpp1	17.29456	13.73105	14.80312	7.967052	9.091851	8.618443
ENSMUSG Snhg11	1.997849	1.688954	2.452029	3.096469	2.408303	2.509385
ENSMUSG Slc25a53	1.035569	0.908739	0.973019	1.41306	1.52119	1.290982
ENSMUSG Nceh1	19.04985	20.02194	18.16905	23.22537	24.51201	25.10033
ENSMUSG Ect2	0.890083	1.123352	0.810865	2.018827	2.619339	2.755498
ENSMUSG Hexim1	25.46989	27.12951	26.27472	21.01304	22.37723	23.042147
ENSMUSG Slc2a2	0	0.003935	0.031852	0.02606	0	0.019447
ENSMUSG Tnik	2.477011	2.750335	2.189345	2.233576	2.461543	1.724358
ENSMUSG Pld1	8.764234	8.908726	7.685948	8.010356	9.814826	9.138515
ENSMUSG Pudp	0	0	0	0	0	0
ENSMUSG Phf3	17.61425	17.81443	14.97346	15.56706	16.58717	15.412424
ENSMUSG Gm10643	0.658562	0.614399	0.389507	0.397578	0.543977	0.663865
ENSMUSG Gm11273	6.620153	7.346308	8.208998	11.54285	5.920541	9.223009
ENSMUSG Nme4	1.293128	1.463315	1.074189	0.854816	0.603475	1.261938
ENSMUSG E130208F1	0	0	0	0	0	0
ENSMUSG Sdhaf1	2.761268	2.728919	2.329721	3.101541	3.245523	3.399975
ENSMUSG Dnajb14	6.579751	7.073701	5.730745	6.495749	6.705007	6.367969
ENSMUSG Gm10642	0.089843	0.036539	0.092245	0.063206	0.066852	0.056372
ENSMUSG Cip2a	0.695584	0.764078	0.78752	1.893812	2.090613	2.430551
ENSMUSG Calhm2	8.676736	8.175245	8.805192	7.317008	7.248358	6.752813
ENSMUSG Afap1l1	106.7793	103.8049	100.375	67.72774	71.72809	67.844551
ENSMUSG Gm7879	10.45202	11.17895	9.809818	11.89234	9.659211	10.272786
ENSMUSG Micall1	12.66863	12.62777	12.42536	11.07648	11.50758	11.462732
ENSMUSG Rela	37.31273	34.60228	38.69123	29.73417	29.02984	30.254799
ENSMUSG Kat5	15.3387	16.5451	16.12215	13.59874	14.53694	14.343011
ENSMUSG Rnaseh2c	13.54384	15.46956	17.63043	15.70234	15.89286	18.624516
ENSMUSG Vldlr	8.14663	9.087971	9.369681	7.124993	6.959391	6.24721

ENSMUSG Ovol1	1.238733	1.010406	1.216632	0.53717	0.805738	1.03458
ENSMUSG Smarca2	72.67182	67.19886	65.40531	46.95694	49.45633	44.680895
ENSMUSG Gm49416	0.052135	0.223956	0.111145	0.594089	0.520853	1.226723
ENSMUSG Tep1	5.282979	5.331482	4.669391	7.403408	7.76583	7.917069
ENSMUSG Adgrf3	0.16722	0.268435	0.069395	0.107419	0.13898	0.172834
ENSMUSG Gm2696	0	0	0	0	0	0
ENSMUSG Slc14a1	0.446094	0.250976	0.267993	0.513204	0.261726	0.283541
ENSMUSG Zfp36l3	0.065695	0.044708	0.035702	0.022243	0.070795	0.067569
ENSMUSG Olfr354	0	0	0	0	0	0
ENSMUSG Rem1	4.967174	4.281688	4.847137	3.993582	3.670419	4.517602
ENSMUSG Gm17079	0	0	0	0	0	0
ENSMUSG E130218l0	0.015582	0.063211	0.159788	0.150064	0.073015	0.148806
ENSMUSG Serpinb12	0	0.082225	0.111024	0.13435	0.064994	0.126195
ENSMUSG Morc4	1.372004	1.607348	1.389121	1.251657	0.932343	1.026611
ENSMUSG Rbm41	4.286309	3.837434	3.350655	3.601996	3.391647	2.952608
ENSMUSG Spin2-ps6	0	0	0	0	0	0
ENSMUSG Gm11237	0	0	0	0	0	0
ENSMUSG 5430401F1	0	0	0	0	0	0
ENSMUSG 9330182O	0	0	0	0.089	0	0.051228
ENSMUSG C1rb	5.906597	5.625565	5.658968	5.785515	5.970035	6.857227
ENSMUSG Zfp324	4.019066	3.237396	2.99959	2.56267	3.074437	3.0383
ENSMUSG Olfr612	0	0	0	0	0	0
ENSMUSG Fam114a2	16.11309	17.02354	15.71784	15.92376	15.19389	15.783042
ENSMUSG Dusp28	6.036897	6.672643	5.702045	5.449195	6.125185	4.774264
ENSMUSG Gm9817	0.058282	0.139982	0.051937	0	0.073541	0.066404
ENSMUSG Hist2h3c2	1.2589	1.540831	1.461688	1.433245	1.674798	3.140634
Mus_musc Mus_musc	0.393574	0.367751	0.399515	0.209616	0.073822	0.531188
Mus_musc Mus_musc	0.136788	0	0.087005	0.095235	0.160734	0.309162
Mus_musc Mus_musc	0.338289	0.20632	0	0.063314	0	0
Mus_musc Mus_musc	0	0	0.326734	0.120951	0	0
ENSMUSG Cbx3	32.78889	32.13236	31.42533	29.23773	27.90093	27.335825
Mus_musc Mus_musc	0.949966	0.991666	0.868894	0.479283	0.435879	0.400756
ENSMUSG Nfe2l3	2.128022	2.30146	1.569354	2.049189	1.98652	1.815434
ENSMUSG Kdsr	9.357614	8.482821	9.144074	6.946991	7.417959	6.55964
ENSMUSG Svopl	0.063737	0.051523	0	0.130181	0.299607	0.038612
ENSMUSG Npvf	0	0	0	0	0	0
ENSMUSG Gm2004	0.789935	0.862415	0.640589	0.592518	0.3586	0.750767
ENSMUSG Gm13057	0	0	0	0	0	0
Mus_musc Mus_musc	0.992048	0.433143	0.335515	0.574523	0.618979	0.437335
ENSMUSG Olfr1434	0	0	0	0	0	0
ENSMUSG Taar7a	0	0	0	0	0	0
Mus_musc Mus_musc	3.750229	5.331732	3.238605	2.357012	3.029165	4.414986
ENSMUSG Olfr1252	0	0	0.045645	0	0	0
Mus_musc Mus_musc	1.425339	1.121806	0.869838	0.570264	1.709212	0.943207
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.178532	0.083689	0.285409	0.216938	0.625846	0.529022
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.133603	0	0	0	0
ENSMUSG Hfe	9.743171	8.852024	9.830921	9.518879	10.68524	10.548727
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	1.18505	1.024269	0.883804	0.839272	0.876018	0.904439
ENSMUSG 4931440F1	0.032679	0.050242	0.033075	0.039757	0.05976	0.008326
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Gm12184	9.671306	8.402397	11.75652	9.725273	7.916117	8.550261
ENSMUSG Olfr229	0	0	0	0	0	0
Mus_musc Mus_musc	2.638276	2.097994	2.593779	2.961344	2.966976	3.14953
Mus_musc Mus_musc	0.936884	0.436602	0.734323	0.424497	0.243925	0.651893
Mus_musc Mus_musc	0.094536	0.03447	0.106144	6.333409	12.29625	9.331004
ENSMUSG Lamtor3	34.75341	35.45332	35.16645	30.36752	32.27625	32.368337
Mus_musc Mus_musc	75.02557	84.05142	38.92385	13957.32	18089.11	11353.871
Mus_musc Mus_musc	0	0.047195	0	5.89839	58.35581	3.75461
Mus_musc Mus_musc	0.121512	0.078633	0.094069	0	0	0.12372
Mus_musc Mus_musc	0.113767	0.230816	0	0.20063	0	0
Mus_musc Mus_musc	0	0.118248	0	0.042558	0	0

Mus_musc	Mus_musc	2.009546	0.95449	0.853582	1.210738	1.086366	0.558059
Mus_musc	Mus_musc	5.769584	5.186133	5.2327	3.103807	3.325607	2.622416
Mus_musc	Mus_musc	0	0	0.372274	0	0.27291	0
Mus_musc	Mus_musc	0.212574	0.054445	0.097868	0.183803	0.355203	0.156263
Mus_musc	Mus_musc	0.234178	0.095148	0	0	0.136771	0.364324
Mus_musc	Mus_musc	0	0	0.101566	0.214642	0	0
Mus_musc	Mus_musc	0.407745	0.524152	0.059137	0	0.143488	0.531424
Mus_musc	Mus_musc	1.690023	1.812617	0.44617	30.83703	19.19608	48.31852
Mus_musc	Mus_musc	0	0	0	0.117714	0.175949	0.270272
ENSMUSG	Ramp1	4.415404	4.685689	5.014599	6.311762	6.661464	6.636488
ENSMUSG	Mtmt3	26.94636	26.43962	22.81068	22.04818	24.09278	23.600497
ENSMUSG	Skint2	0	0	0	0	0	0
ENSMUSG	4931422A	0.307891	0.240104	0.229614	0.153154	0.239886	0.390454
ENSMUSG	Clec9a	13.92228	15.74975	16.83355	9.441949	9.395752	8.313467
ENSMUSG	Tmem174	0	0	0	0	0	0
ENSMUSG	Vmn1r233	0	0	0	0	0	0
ENSMUSG	St7l	6.961084	6.957504	6.502782	5.635822	5.33515	5.479404
ENSMUSG	Penk	1.546296	2.389265	0.801015	1.520235	1.489148	0.802335
ENSMUSG	Pr15a1	0	0	0	0	0	0
Mus_musc	Mus_musc	0.312449	0.117263	0.261548	0.293755	0.163047	0.186623
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0.76118	0.543771	0.872757	0.315071	0.34473	0.377044
Mus_musc	Mus_musc	0.188043	0	0	0	0	0
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0.218831	0.23198	0	0.151231	0.597502	0.28599
Mus_musc	Mus_musc	0.410047	1.009792	0.2748	0.71935	0.972622	0.857004
Mus_musc	Mus_musc	0.332669	0.611606	0.55143	0.234875	0.467872	0.482706
Mus_musc	Mus_musc	1.198872	0.657228	0.685445	0.713437	0.812661	0.749333
Mus_musc	Mus_musc	0.960707	2.396853	1.940458	1.059787	0.927851	1.387436
Mus_musc	Mus_musc	2.44613	2.742516	2.295955	2.304203	2.176219	2.278198
Mus_musc	Mus_musc	2.375708	2.321414	2.124512	2.31558	2.452364	2.372141
Mus_musc	Mus_musc	0	0	0	0.174016	0	0
Mus_musc	Mus_musc	0.188238	0	0	0	0	0.091793
Mus_musc	Mus_musc	0.175755	0.235655	0.481683	1.067381	1.598999	2.191627
Mus_musc	Mus_musc	0.891107	0.157435	0	0.269102	0.355759	0.220151
Mus_musc	Mus_musc	0	0	0	0.085759	0.173699	0
Mus_musc	Mus_musc	0.438927	0.241691	0.168366	0.299045	0.08878	0.423807
Mus_musc	Mus_musc	0.196051	0.161252	0	0.16258	0	0
ENSMUSG	Zfp40	2.539569	2.148457	2.370772	1.847611	1.951078	1.623737
ENSMUSG	Grm6	0.08379	0	0.077523	0.079733	0.26788	0.235529
ENSMUSG	Liph	9.237068	12.12829	8.78347	9.368579	9.968272	8.616469
ENSMUSG	Swi5	81.86013	87.54204	86.95086	86.31932	84.43605	88.735623
ENSMUSG	Gm4922	0	0	0	0.01735	0	0
ENSMUSG	Rnf208	1.831862	1.461763	0.666836	1.178939	0.92655	1.111564
ENSMUSG	Cnrip1	4.330859	4.900484	4.518443	3.815409	4.276228	5.254556
ENSMUSG	Wwp1	28.71314	29.30689	24.85248	20.43654	20.50071	19.434664
ENSMUSG	Slc7a13	0	0.02155	0.023356	0	0	0
ENSMUSG	Pbld1	0.648224	0.81112	0.504605	1.528682	0.941396	1.192052
ENSMUSG	Wdr43	10.68504	10.7616	10.52485	10.19103	9.805846	9.934926
ENSMUSG	Hyal2	64.41932	60.24039	72.25959	47.50451	43.6742	44.577105
ENSMUSG	Tmem115	19.2206	20.21473	18.56334	17.17271	16.17161	17.567371
ENSMUSG	Zmynd10	4.122416	4.657167	3.42414	5.506009	5.242564	4.842168
ENSMUSG	lfrd2	9.254985	7.937099	8.558031	7.145008	8.198202	9.109473
ENSMUSG	Xlr3c	0.075497	0	0	0.033232	0.040073	0.025233
ENSMUSG	Adamts17	0.468086	0.485584	0.518051	0.875976	0.55704	0.628092
ENSMUSG	Tex261	26.04692	24.45329	26.78326	22.34289	22.18392	23.366718
ENSMUSG	Ankrd53	0	0.039753	0	0.013915	0	0.031775
ENSMUSG	Pde6b	0.007121	0	0	0	0	0.013556
Mus_musc	Mus_musc	0.188031	0.478326	1.47511	0.379773	0.112376	0.777258
Mus_musc	Mus_musc	0.60368	0.453741	0.423434	0.295782	0.542197	0.417637
Mus_musc	Mus_musc	0	0	0	0.295656	0	0
ENSMUSG	Fam81b	0.896181	1.135962	0.8112	1.308683	1.446324	1.179726
ENSMUSG	Cypt2	0	0	0	0	0	0
ENSMUSG	Kbtbd11	7.560698	7.391117	7.527205	8.386156	7.436375	8.089787

ENSMUSG Uba52	364.383	359.885	401.4439	435.9641	410.2291	419.45355
ENSMUSG Zzef1	8.460995	8.260912	7.418307	7.913673	8.783775	9.374868
ENSMUSG Ctsr	0	0	0	0	0	0
ENSMUSG Cox15	5.806864	5.226997	5.14245	4.812471	5.391368	5.569482
ENSMUSG Saa4	0	0	0	0.122991	0.082647	0.066673
ENSMUSG Ptger3	0.500879	1.433996	0.545908	0.744195	0.539361	1.076747
ENSMUSG Slc7a5	2.456367	1.960711	2.1949	5.156657	6.486059	6.854666
ENSMUSG Fkbp6	0	0	0	0	0	0
ENSMUSG Zscan20	1.232752	1.517668	1.304121	1.286307	1.217276	1.321892
ENSMUSG Rbak	3.660598	4.193098	3.767005	3.25034	3.51556	3.239784
ENSMUSG St3gal5	12.62431	13.74209	13.46474	12.13657	12.38853	13.626654
ENSMUSG Trim43c	0.146362	0.081691	0.140756	0.159937	0.139503	0.193997
ENSMUSG 2010106E1	0	0	0	0	0	0
ENSMUSG Zfp711	0.517956	0.737465	0.315673	0.475417	0.274108	0.333666
ENSMUSG Klra6	0	0	0	0	0	0
ENSMUSG Tmem192	9.749198	7.115761	9.095391	11.77524	11.83759	11.303283
ENSMUSG Sap30l	14.5204	13.06293	13.37223	11.13877	12.55015	11.64766
ENSMUSG Tac1	0	0	0	0.042443	0	0
ENSMUSG Apool	7.144689	7.545262	8.431562	10.6311	8.27326	9.906241
ENSMUSG Satl1	0	0	0.081456	0	0	0
ENSMUSG Gm17469	0	0	0	0	0	0
ENSMUSG Olfr969	0	0	0	0	0	0
ENSMUSG Gm8159	0	0	0	0	0	0
ENSMUSG Myh1	0	0.020047	0.012613	0	0	0.051552
Mus_musc Mus_musc	0	0.469795	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.454555	0
Mus_musc Mus_musc	0.503679	0.362164	0.211938	0	0.152324	0.163256
Mus_musc Mus_musc	0.108052	0.195603	0	0.05343	0	0.07575
Mus_musc Mus_musc	0.983994	1.25427	1.166633	0.405002	0.922395	0.24439
ENSMUSG Cltb	48.3313	52.91755	53.91837	36.86224	38.90014	37.187272
ENSMUSG Olfr616	0	0	0	0	0	0
ENSMUSG Olfr629	0	0	0	0	0	0
ENSMUSG Il7r	4.612427	3.148597	3.426588	16.69931	15.22576	16.980269
ENSMUSG Ehf	6.729288	8.645061	5.218361	12.72993	12.56077	11.98747
ENSMUSG Mageb18	0	0	0	0	0	0
ENSMUSG Sec61b	50.58202	60.77651	72.28183	111.9994	102.747	101.85864
ENSMUSG Nrgn	12.60458	10.33086	19.85076	4.915448	5.646897	4.596418
ENSMUSG Slamf8	0.915676	0.681881	2.165315	8.039042	6.602708	9.234459
ENSMUSG Hace1	5.986865	6.22234	4.876799	4.792519	5.178497	4.53731
ENSMUSG Fam206a	4.00748	4.083512	3.221497	3.645034	3.738025	3.857086
ENSMUSG Tmem214	10.15364	9.633595	10.33628	11.44469	12.17304	12.794956
ENSMUSG Pex7	1.974603	2.089887	1.491849	2.077777	1.663081	2.309314
ENSMUSG Abi3	15.34066	15.00826	17.37147	12.17536	9.771058	11.819046
ENSMUSG Shroom1	1.235159	1.238371	1.337414	0.837884	0.779238	1.085697
ENSMUSG Rnf213	12.36613	11.13504	14.24218	13.04986	12.12057	12.506027
ENSMUSG Kik1b3	0	0	0	0	0	0
ENSMUSG Kik1b21	0	0	0	0	0	0
ENSMUSG Ankdd1a	0	0	0	0.211637	0	0.085466
ENSMUSG Icam4	1.126262	0.524972	0.803047	0.524557	0.908582	0.960966
ENSMUSG Kik1b5	0	0	0	0	0	0
ENSMUSG Kik1b4	0	0	0	0	0	0
ENSMUSG Olfr458	0	0	0	0	0	0
ENSMUSG Gm36210	0.354452	0.213065	0.073175	0.101906	0.283031	0.154953
ENSMUSG Ifngr1	67.02464	62.39078	69.95392	53.63278	60.32433	50.928887
ENSMUSG Gm42416	0	0	0	0	0	0
ENSMUSG Moxd1	0.068397	0.231014	0.123395	0.801432	1.186433	0.963252
ENSMUSG Mmp27	0.153638	0.521328	0.339194	0.208069	0.182787	0.357606
ENSMUSG Fbxw22	0	0	0	0	0	0
ENSMUSG Il20ra	0.094328	0.072793	0	0	0.021729	0.106224
ENSMUSG Ets2	73.17852	66.49495	68.00956	33.74345	36.01848	34.020484
ENSMUSG Adamts5	2.089116	2.601314	1.523243	1.886763	1.750593	1.861542
ENSMUSG Dyrk1a	12.71105	11.89059	12.47518	9.512424	10.18843	9.806875
ENSMUSG Atp5j	72.83671	75.63944	73.36233	75.79018	74.30174	74.899819

ENSMUSG Adamts1	28.6393	24.81782	30.40453	10.97595	14.05193	14.174916
ENSMUSG App	328.0264	444.4768	416.1259	314.4638	338.2782	308.85951
Mus_musc Mus_musc	0	0.213058	0	0	0	0.255642
ENSMUSG Slc15a2	8.902326	12.36756	9.181405	11.58058	10.94188	10.963778
ENSMUSG Vps26c	16.81745	17.1726	17.80376	18.49842	19.01818	19.417378
Mus_musc Mus_musc	0	0.404679	0.103674	0.21051	0.210183	0.187439
ENSMUSG Gas1	8.05526	5.894337	5.897119	5.587388	5.508418	7.049545
ENSMUSG Slc7a11	0.44384	0.352905	0.217226	3.508181	3.534457	3.823803
ENSMUSG Cpv1	0	0	0	0	0	0
ENSMUSG Clint1	32.3454	29.5576	30.55248	37.51496	37.37633	38.701149
ENSMUSG Tmem184c	10.07574	10.73809	8.286998	8.860621	7.579159	7.921175
ENSMUSG Cc2d1a	10.11971	10.13773	10.04608	9.793352	10.1384	9.981133
ENSMUSG Lrrc17	2.495366	1.757451	2.16291	1.661263	1.254513	1.439212
ENSMUSG Tmem120c	7.532203	9.037535	9.492933	8.187448	9.289591	9.137362
ENSMUSG Alg14	6.839747	8.125234	7.313415	6.868758	7.522136	7.13514
ENSMUSG Vmn2r8	0.03401	0.053372	0.035039	0.032198	0.029772	0.031895
ENSMUSG Gm17655	1.629099	1.445419	1.806653	1.789795	1.676259	1.557372
ENSMUSG Vmn2r116	0	0	0	0	0	0
ENSMUSG Vmn2r61	0	0	0	0	0	0
ENSMUSG Crym	6.576138	7.719089	8.818821	4.411177	4.690054	6.265396
ENSMUSG Gm38100	0	0	0	0	0	0
ENSMUSG Cdc42ep3	21.78367	22.16124	21.42025	14.27839	11.83662	12.380636
ENSMUSG Rnf113a1	1.621252	1.891582	2.543988	1.95786	2.151923	2.264602
ENSMUSG Olfr787	0	0	0	0	0	0
ENSMUSG Slc38a7	6.615954	6.147201	5.746174	6.110959	6.63202	6.883554
ENSMUSG Tas2r109	0	0	0	0	0	0
ENSMUSG Ncr1	3.641773	2.860742	20.15712	6.978349	1.452076	2.490614
ENSMUSG Asxl2	7.362748	7.202675	5.977974	7.296382	6.490068	7.687311
ENSMUSG Ubr5	23.81728	24.88859	21.06965	20.86148	21.04956	21.38129
ENSMUSG Safb	36.61225	37.84117	38.18952	29.44983	30.38466	31.635044
ENSMUSG Erv3	0	0	0	0.038636	0.061347	0
ENSMUSG Gm10337	0	0	0	0	0	0.025534
ENSMUSG Nat3	0	0	0	0	0	0
ENSMUSG Gm17657	0	0	0	0	0	0
ENSMUSG Gm3752	0	0.075371	0	0	0	0
ENSMUSG Gm3625	0.021486	0	0	0	0	0
ENSMUSG H60c	0.046924	0	0	0	0	0
ENSMUSG Iba57	1.598162	1.373364	1.72308	1.649107	1.891695	1.849731
ENSMUSG Capn8	0.107684	0.115841	0.102034	0.122655	0.169249	0.122165
ENSMUSG Al481877	0.015642	0.011348	0	0.007388	0	0
ENSMUSG Scn3b	44.57913	39.32544	33.68584	18.49471	20.97227	22.389658
ENSMUSG Olfr509	0	0	0	0	0	0
ENSMUSG Tctn1	4.727471	4.269646	4.940732	3.865589	4.648176	4.834754
ENSMUSG Eno3	6.813065	11.2826	8.387359	6.95605	6.000164	5.435986
ENSMUSG Nr1h2	55.65227	53.42517	56.0352	46.15309	44.29444	46.365515
ENSMUSG Cep85l	8.236068	9.630094	7.995515	4.879173	5.376714	4.677624
ENSMUSG Cidec	10.96969	16.41095	9.600816	4.715004	2.464558	3.573617
ENSMUSG C2cd5	4.709892	5.725186	5.585589	7.008874	6.530136	5.75962
ENSMUSG Ttll3	2.921214	2.462402	2.407039	3.191169	2.832345	2.63783
ENSMUSG Etnk1	30.19914	29.94509	30.75065	31.4943	29.72205	31.417269
ENSMUSG Camk1	46.75331	45.7883	48.08514	43.7359	44.49413	45.886356
ENSMUSG Cpne9	0.018282	0	0	0	0	0
ENSMUSG Ogg1	5.924084	5.770376	5.102945	5.935359	4.306863	4.744391
ENSMUSG Csnk1g3	7.93654	8.80058	8.07828	7.53309	7.481092	6.931915
ENSMUSG Prr16	0.873196	0.78799	0.606393	0.869063	0.962003	0.793144
ENSMUSG Arl14ep1	0	0.061532	0.064221	0.093909	0.111668	0.07214
ENSMUSG Cntnap5c	0	0	0	0	0	0
ENSMUSG Sult6b1	0.105973	0	0.055601	0.035986	0.074043	0.156737
ENSMUSG Uts2b	0	0	0.050984	0	0	0
ENSMUSG Haus6	2.306087	2.279319	2.169532	2.089748	2.010429	1.836838
ENSMUSG Mrm3	2.396467	2.315763	2.81743	2.29056	1.998968	2.851716
ENSMUSG Ptpdc1	2.625736	2.365363	2.273884	1.694622	1.415007	1.762186
Mus_musc Mus_musc	0.334215	0.454342	0.413576	0.467619	0.464064	0
ENSMUSG Akt1s1	29.78983	29.08187	30.77066	30.66751	30.2549	31.834805

ENSMUSG Osr2	0.063586	0.200413	0.024106	0.122033	0.306786	0.180181
ENSMUSG Khdrbs3	4.884342	4.739878	4.739983	5.336646	4.152975	4.993343
ENSMUSG Zfat	1.433046	1.500989	1.426417	1.455635	1.505519	1.843336
ENSMUSG Eif3e	63.3141	67.84631	61.66383	69.57568	68.52186	67.282272
ENSMUSG Emc2	23.91352	23.44231	25.83341	27.34711	24.5094	25.330399
ENSMUSG Eny2	17.85043	17.33048	16.80315	15.02835	15.45701	13.940127
ENSMUSG Ebag9	8.92308	8.803195	8.418425	8.881208	8.56141	7.548312
Mus_musc Mus_musc	4.03599	3.379828	5.066162	3.839058	2.740676	3.151437
ENSMUSG Zfp114	0.169042	0.24432	0.206538	0.217549	0.203977	0.057931
ENSMUSG Zbtb34	5.451429	5.648223	5.625112	3.828213	3.896587	3.950992
ENSMUSG Smok3c	0	0	0	0	0	0
ENSMUSG Smok3a	0	0	0	0	0	0
ENSMUSG Nrpb2	34.51578	32.26647	36.26312	27.75395	24.9465	23.448043
ENSMUSG Nynrin	6.772888	5.436336	4.867785	4.147821	4.054476	4.047782
ENSMUSG Gal3st4	0	0.264731	0.076442	0	0.00946	0.238878
ENSMUSG Zfp652	16.48198	17.48647	15.41011	14.28387	13.47749	12.747721
ENSMUSG B130006D	0.099854	0.014818	0	0.016711	0.044522	0
ENSMUSG Ppp1r18	23.851	22.13658	28.48662	30.54772	30.44301	29.923328
ENSMUSG Myo5a	4.706715	4.201586	4.260771	17.25602	15.40599	18.590979
ENSMUSG Rbm20	0.240145	0.708651	0.208761	0.236632	0.167746	0.223052
ENSMUSG Slc41a2	2.047251	1.876204	1.575271	3.874575	4.192349	4.455621
ENSMUSG Klf17	0	0	0	0	0	0
ENSMUSG Adamts3	0.69166	0.48769	0.272742	0.346307	0.298851	0.260807
ENSMUSG Ecm2	8.191917	8.975706	8.146941	4.71576	4.1443	3.865529
ENSMUSG Olfr1336	0	0	0	0	0	0
ENSMUSG Gm6377	0.669858	0.591767	0.491698	0.40286	0.412354	0.387892
ENSMUSG Minar1	0	0	0	0	0.009047	0
ENSMUSG Rftn1	6.685407	5.538244	6.657045	13.9813	14.29328	16.678799
ENSMUSG Clnk	0.255612	0.272946	0.470288	0.455769	0.348566	0.475742
ENSMUSG Rab3gap2	7.904719	7.618966	7.588573	7.230588	7.777542	8.098975
ENSMUSG Akr1b8	7.62125	8.464257	7.2367	8.772887	8.298874	9.004375
ENSMUSG Exoc4	11.6602	11.72411	10.04163	11.70835	12.02778	12.559972
ENSMUSG Cald1	45.5691	42.35925	43.03879	42.37523	43.9963	40.682966
ENSMUSG 1700012A	0	0	0	0	0	0
ENSMUSG Calu	82.667	82.82815	85.33039	83.47471	86.16732	85.293545
ENSMUSG Plxna4	6.340002	5.896683	5.224171	3.890938	3.852779	3.898683
ENSMUSG Ccdc136	0.817478	0.944381	0.570603	1.139969	1.169259	1.116841
ENSMUSG Fxyd4	0.181915	0.102999	0.085401	3.503049	7.061703	4.866005
ENSMUSG Hnrnpa2b	220.3921	237.2613	268.0654	229.1516	236.2537	223.05054
ENSMUSG Ccdc51	2.273843	2.362824	2.101932	2.001777	2.420317	2.687348
ENSMUSG Shisa5	126.1604	106.172	133.2325	119.6465	117.8738	123.24167
ENSMUSG Atrip	4.442868	5.128739	5.602093	4.29473	4.201471	3.760738
ENSMUSG Pfkfb4	12.52573	13.28026	13.70265	13.67497	13.99832	14.523751
ENSMUSG Zmynd11	47.61306	48.90404	46.55807	37.71683	36.37962	34.054502
ENSMUSG Ifitm10	13.10599	10.74198	16.25806	9.518441	7.281701	7.12828
ENSMUSG Lrtm1	0.020892	0.114641	0	0.012479	0.014944	0.03019
ENSMUSG Slc16a5	0.250016	0.276677	0.332982	1.151183	0.745245	0.836637
ENSMUSG Anks4b	0	0	0.022611	0	0	0
ENSMUSG Ift43	37.81199	38.30078	36.21412	31.54925	26.50555	25.323946
ENSMUSG Fos	136.4773	20.50721	32.72461	10.38711	14.64649	14.447263
ENSMUSG Xdh	132.689	120.1328	204.949	95.20261	77.45678	71.43344
ENSMUSG Dpy30	23.9924	27.99225	25.83948	29.68109	25.72292	26.149967
ENSMUSG Tmigd3	0.668257	0.710048	0.679172	1.032175	0.780187	1.066874
ENSMUSG Tnfaip8l3	1.656795	2.57237	2.09246	1.123734	1.51669	1.451319
ENSMUSG I830077J0	1.785325	1.325908	2.777712	1.662159	1.576865	1.408533
ENSMUSG Lbh	69.96271	67.57499	85.85273	78.15974	70.82847	71.780458
ENSMUSG Ovgp1	0.305532	0.430925	0.309523	0.241334	0.203535	0.391715
ENSMUSG Vash1	9.431765	9.233923	7.001945	7.78282	7.517618	6.475575
ENSMUSG Spast	7.730135	7.439813	6.750311	7.307768	6.943924	7.755156
ENSMUSG Slc30a6	5.891417	5.478052	5.468996	6.350047	6.364227	5.971624
ENSMUSG Mas1	0	0.049873	0.042709	0.03805	0	0
ENSMUSG Afdn	38.6251	43.2997	30.54055	30.32335	31.77064	28.8672
ENSMUSG Tcp1	50.48966	56.14871	52.38594	53.09354	54.03716	57.627699
ENSMUSG Pelo	8.503533	8.334097	9.927149	8.010343	7.510101	7.773723

ENSMUSG Sestd1	6.31608	5.396677	5.013253	5.336282	6.759146	5.964435
ENSMUSG Nxt2	10.60023	11.60027	9.238964	7.898121	7.467055	7.731863
ENSMUSG Prom1	4.151853	6.210968	2.424948	12.00803	9.428055	9.679962
ENSMUSG H1foo	0	0	0	0.02435	0	0
ENSMUSG Cd38	13.13362	11.20967	10.35481	13.84238	12.46271	13.171317
ENSMUSG Kcnp4	1.52968	1.302917	1.267249	0.698818	0.594895	0.511845
ENSMUSG Gif	0.066311	0.057112	0.090678	0.13419	0.195322	0.194133
ENSMUSG Mrpl16	9.738587	7.660008	8.709321	9.152755	10.19031	9.192703
ENSMUSG Ms4a2	0.341748	0.170388	0.598135	0.357049	0.09792	0.092287
ENSMUSG Ms4a3	0	0	0	0	0	0
ENSMUSG Olfr1275	0	0	0	0	0	0
ENSMUSG Osbp	22.67857	23.82897	22.89919	21.33929	21.04347	20.776274
ENSMUSG Olfr1277	0	0	0	0	0	0
ENSMUSG Ano3	0.121765	0.140479	0.184649	0.098233	0.050369	0.041535
ENSMUSG Sulf2	10.63329	12.75362	11.32433	20.5503	18.71491	23.040385
ENSMUSG Nup214	9.106172	8.11447	7.025372	7.951268	7.781485	7.856009
ENSMUSG Spop	95.7632	96.90792	94.34638	84.70351	82.61404	72.568681
Mus_musc Mus_musc	0.259801	0.18752	0.126551	0.398313	0.485933	0.344172
Mus_musc Mus_musc	0	0.246813	0.216884	0.24233	0	0.097223
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Prune2	0.727597	0.881305	0.602351	1.910868	2.6467	2.354266
Mus_musc Mus_musc	0	0.208926	0.190608	0.617798	0	0.093659
ENSMUSG Ube2m	21.64196	19.71671	23.40961	20.44084	21.63028	22.078845
ENSMUSG Ppp1r14c	34.90487	34.64042	28.99857	36.11727	35.85493	41.093852
ENSMUSG Oaz2	153.5914	138.6438	151.2411	136.6019	123.7615	134.04841
ENSMUSG Fam208a	10.84096	11.80416	9.987876	9.701137	9.160601	8.252322
ENSMUSG Cyp2b23	0	0	0	0	0	0
ENSMUSG Med19	12.38486	12.04934	12.11453	10.04011	11.19177	11.950408
ENSMUSG Olfr672	0	0	0	0	0	0
ENSMUSG Tfpi	11.97035	12.00834	13.89935	8.410234	8.966406	8.793901
ENSMUSG Zfp42	0	0	0	0	0	0
ENSMUSG Fastkd1	2.824147	2.249334	2.657955	2.611246	3.000012	2.74151
ENSMUSG Lmx1a	0	0	0	0	0	0
ENSMUSG Aldh9a1	19.16843	18.25974	17.45379	17.90056	20.8078	18.70439
ENSMUSG Nuf2	0.579731	0.58798	0.673395	1.884824	2.476137	2.500093
ENSMUSG Mgst3	27.32975	26.77926	30.70613	20.218	19.9788	24.120338
ENSMUSG Gm27235	0	0	0	0	0	0
ENSMUSG Them7	0	0	0	0.02438	0.06887	0
ENSMUSG Gm21885	0.154307	0	0	0	0	0
ENSMUSG Pgbd1	0.893994	1.074605	0.812214	1.103571	1.07637	1.075427
ENSMUSG Vmn2r44	0	0	0	0	0	0
ENSMUSG Mapre2	43.51433	41.11071	38.90421	30.74769	33.5338	30.14227
ENSMUSG F2rl3	0.299175	0.316109	0.396339	0.189321	0.434691	0.562131
Mus_musc Mus_musc	0	0.15446	0	0	0	0
Mus_musc Mus_musc	0	0.047222	0	0.46749	0.282875	0.113756
Mus_musc Mus_musc	0.414469	0.326386	0.224515	0.978777	1.139576	1.248187
Mus_musc Mus_musc	1.837278	2.566829	1.793473	1.085491	1.071561	1.817389
ENSMUSG Kir3dl2	0	0	0	0	0	0
ENSMUSG Dars	23.3653	20.32186	19.56465	20.9834	17.59707	20.982093
ENSMUSG Rgs18	2.287114	1.903756	3.498334	2.590193	2.566537	1.91142
Mus_musc Mus_musc	0.251174	0.351999	0.293114	0.701982	0	0.21084
ENSMUSG Mcm6	3.424382	2.975399	3.808844	5.013971	6.739759	7.992031
ENSMUSG Ubxn4	24.0323	25.56755	24.79601	26.62885	25.91681	26.775771
ENSMUSG Clic1	105.007	101.3451	120.6323	111.7713	112.5646	122.93831
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.210042	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Hmbox1	43.54329	41.22997	40.55035	30.31929	29.9895	28.334695
ENSMUSG Olfr1408	0	0	0	0	0	0
ENSMUSG Mppe1	9.390354	7.524354	9.219719	10.50105	9.462926	9.814281
ENSMUSG Amdhd1	0.070599	0.10931	0.076478	0.191051	0.078116	0.382219
ENSMUSG Syna	0.215132	0.576337	0.21905	0.531325	0.350809	0.461466
Mus_musc Mus_musc	0	0	0.096622	0	0.186692	0
ENSMUSG Adamts6	0.684987	0.577336	0.762795	0.752412	0.486335	0.555457

ENSMUSG Kcng	5.219715	4.937536	3.41181	8.377329	6.526621	6.466069
ENSMUSG Olig1	0	0	0	0	0	0
ENSMUSG Gldn	0.050823	0.040581	0	0.011208	0.034188	0
Mus_musc Mus_musc	0	0	0	0.143307	0.119922	0
Mus_musc Mus_musc	2.059143	1.601865	1.941395	1.467323	1.717219	1.665698
Mus_musc Mus_musc	0.650241	0.303215	0.814048	0.417773	0.564363	0.563442
Mus_musc Mus_musc	0.174783	0.117306	0	0	0.116769	0.272295
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.289345	0.535502	0.729897	0.306872	0.205788	0.165179
ENSMUSG Olf1r319	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.048601	0.107937	0.739182	0.339902	0.155478
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.262786	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0	0	0.064897	0.414369	0.407564	0.520988
Mus_musc Mus_musc	0	0	0.495816	0	0	0
ENSMUSG Gm3159	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.373385	0
ENSMUSG Lax1	2.375271	1.498918	3.616728	16.08523	15.9983	14.489742
ENSMUSG Ggct	0.628414	0.940807	1.429323	1.835702	1.333583	1.142052
ENSMUSG Rab11fip4	2.195347	1.802425	2.245972	3.937766	4.192389	4.752562
ENSMUSG Txlna	22.78419	21.99251	20.48702	22.94697	23.25849	25.145505
ENSMUSG Abr	25.11368	23.93474	24.20122	28.35076	28.87764	31.497824
ENSMUSG Jag2	15.6077	14.3829	17.74628	8.480588	9.685497	10.298058
ENSMUSG Eef1akmt3	0.046749	0.109591	0.045791	0.696555	0.556767	0.715748
ENSMUSG Them6	9.01927	7.325626	7.404777	5.733528	7.262065	6.943095
ENSMUSG Npepps	15.91992	17.6843	16.70602	15.19115	17.28225	16.019619
ENSMUSG Kpnb1	34.36072	34.96362	33.89573	32.46722	32.84027	33.539803
ENSMUSG Mrpl10	17.64232	17.16191	17.3209	17.67492	16.54486	17.326664
ENSMUSG Mrps21	39.69082	44.54227	43.24412	52.94134	40.31178	47.428156
ENSMUSG Obox1	0	0	0	0	0	0
ENSMUSG Sec14l4	36.06974	41.55207	31.45335	23.13029	22.23354	23.204617
ENSMUSG D8Ertd738	71.74178	78.88598	88.59907	77.60683	69.2965	66.51815
ENSMUSG Vmn2r39	0	0	0	0	0	0
ENSMUSG Gm20896	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.2201	0
Mus_musc Mus_musc	4.47307	5.390442	4.449395	5.666315	5.045619	4.020995
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.124654	0.082267	0.225215	0.329027	0.201584
Mus_musc Mus_musc	0.279161	0.472976	0.43727	0.418691	0.204233	0.515807
Mus_musc Mus_musc	0	0.114711	0	0	0	0.2836
ENSMUSG Anxa9	2.886947	3.112297	2.914432	2.538556	2.581718	3.848907
ENSMUSG Arnt2	0.139574	0.203541	0.141106	0.30763	0.259325	0.362339
ENSMUSG Cntnap5b	0	0	0	0	0	0
ENSMUSG Rdm1	19.34348	16.0444	17.5127	18.23999	16.8269	14.869821
ENSMUSG Fam167b	0.730089	1.251375	0.755496	1.29035	1.681253	2.218506
ENSMUSG Insl3	0.129668	0.198895	0.350218	0.180037	0.203008	0.367313
ENSMUSG Ly6c1	320.4777	340.0592	802.81	409.8394	419.3348	337.24873
ENSMUSG Serpina1c	1.790999	1.215879	2.074868	1.013167	1.32657	0.852874
ENSMUSG Serpina3i	2.999785	2.049472	6.423837	7.175264	6.097673	5.882966
ENSMUSG Kcnn3	2.470031	2.456535	1.909143	1.575015	2.242315	1.543805
ENSMUSG Gm11034	0	0	0	0	0	0
ENSMUSG Slc5a5	0.052641	0.15568	0.03283	0.145132	0.13409	0.03422
ENSMUSG Mblac1	2.638622	1.930635	1.090335	1.773821	1.716342	1.401252
ENSMUSG Serpina3j	0	0	0	0	0	0
ENSMUSG Serpina3m	0.617924	0.340894	0.917806	2.012995	3.598138	2.049703
Mus_musc Mus_musc	6.373005	6.776696	8.028914	6.631837	7.622988	7.25873
Mus_musc Mus_musc	1.362436	0.959165	1.059922	1.362549	0.775823	1.237543
Mus_musc Mus_musc	0.134556	0.236254	0.264459	0.930519	0.778485	0.486038
Mus_musc Mus_musc	0.757919	0.151734	0.406618	0.146317	0.182378	0.063602
Mus_musc Mus_musc	0	0.150385	0.157576	0.151681	0.220503	0.405
Mus_musc Mus_musc	0	0	0.11246	0.202153	0.312872	0.147777
Mus_musc Mus_musc	0.056697	0.289771	0.267845	0.618029	0.729263	0.879084
Mus_musc Mus_musc	0	0	0	0.174016	0	0

ENSMUSG Fam19a5	0.283786	0.308269	0.426851	0.274161	0.242228	0.097899
ENSMUSG Colec10	0.107154	0.056146	0.016058	0.085661	0.022385	0.035175
ENSMUSG Kcnj1	0	0	0	0.074643	0	0.100509
ENSMUSG Mul1	7.493885	8.514455	7.568303	6.976194	6.684822	6.839063
ENSMUSG Lamp3	148.779	153.6821	135.5353	156.5783	149.3671	163.7861
ENSMUSG Wnk3	0.015634	0.020712	0.03973	0.033843	0.023579	0.02714
ENSMUSG Galnt1	30.10359	27.89053	31.38676	28.88831	31.30129	31.436637
ENSMUSG Fev	0	0	0	0	0	0
ENSMUSG Actbl2	0	0	0	0	0	0
ENSMUSG Olfr1378	0	0	0	0	0	0
ENSMUSG Kik15	0	0	0	0	0	0
ENSMUSG Lix1l	14.80721	14.18688	15.40682	10.05818	11.09929	10.154435
ENSMUSG Gm12830	0	0	0	0	0	0
ENSMUSG Gm20662	0.063822	0.049256	0.011231	0.063381	0.052439	0.026231
ENSMUSG Rnf223	0.04843	0.180364	0.064949	0.039914	0.060476	0.137886
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.808506	0	0.264095
ENSMUSG Gm42372	0.041636	0.047995	0.084918	0.155746	0.283852	0.216211
Mus_musc Mus_musc	1.381902	1.420018	1.590394	1.561233	1.075395	0.981089
ENSMUSG Atxn7l2	2.127375	1.646386	1.834862	1.984522	1.846965	1.244858
ENSMUSG Dnajc3	45.77253	47.07111	47.83654	55.84947	60.51673	55.396805
ENSMUSG Cldn10	5.933858	9.040716	4.881604	5.922029	7.575077	6.96677
ENSMUSG Tgds	6.911654	5.819925	6.955691	5.747886	6.460415	6.771229
ENSMUSG Gpr180	10.59856	9.899782	10.91593	10.92993	12.05356	12.700255
ENSMUSG Gm10160	0	0	0	0	0	0
ENSMUSG Mbnl2	74.36591	89.12596	66.00109	67.70719	60.10754	55.072173
ENSMUSG Nap1l3	1.613677	1.609559	1.280806	1.257492	1.275654	0.956769
ENSMUSG Ces2a	0	0	0	0	0	0
ENSMUSG Ghr	28.2785	30.23727	27.15169	22.87433	20.45345	20.830294
ENSMUSG Slit3	13.88581	10.71996	12.53713	11.70959	11.08977	11.410106
ENSMUSG Vmn2r78	0	0	0	0	0	0
ENSMUSG Vmn2r-psl	0	0	0	0	0	0
ENSMUSG Ubqlnl	0	0	0	0	0	0
ENSMUSG Cd14	12.50828	12.4321	11.59867	22.25115	27.65814	23.339397
ENSMUSG Tgoln1	68.78164	73.35583	68.10281	78.5415	78.227	80.239487
ENSMUSG Olfr532	0	0	0	0	0	0
ENSMUSG Dupd1	0	0	0	0	0.018374	0
ENSMUSG Arl9	0.206352	0	0.139198	0.200885	0.374616	0.107615
ENSMUSG Olfr1382	0	0	0	0	0	0
ENSMUSG Pdxdc1	21.53032	20.34971	19.47267	20.9746	20.63023	21.990534
ENSMUSG Ntan1	25.44208	23.92334	23.67463	22.81272	23.24863	20.369609
ENSMUSG Rrn3	10.25989	9.029174	9.503272	8.523245	8.59418	8.467759
ENSMUSG Pla2g10	0	0	0	0.420429	0.207946	0.424677
ENSMUSG Bfar	11.18847	11.02661	11.51228	12.03955	12.51071	12.959624
ENSMUSG Parn	7.429368	6.723577	6.119895	6.840602	6.926608	6.147739
ENSMUSG B3gnt5	2.370694	1.899681	1.770271	2.033409	1.853822	2.362567
ENSMUSG Boc	7.719828	9.024838	7.63547	5.829717	6.166132	5.809377
ENSMUSG Tnfaip8l2	8.843176	8.426085	10.95059	14.50895	14.35052	15.595093
ENSMUSG Timm23	20.73527	20.93569	22.01124	27.07642	26.04105	27.07602
ENSMUSG Mab21l2	0	0	0.028062	0	0	0
ENSMUSG Olfr668	0	0	0	0	0	0
ENSMUSG Cyb5d2	3.643842	3.858811	2.47609	3.56655	3.943532	3.786753
ENSMUSG Psmc13	30.16815	27.47503	30.11948	27.13394	25.90889	28.906578
ENSMUSG Sirt3	8.460629	8.304482	7.150631	7.750648	6.790544	7.389564
ENSMUSG Ric8a	24.11963	21.44376	21.04486	20.39	20.02829	18.700972
ENSMUSG Bet1l	11.60566	12.38898	12.99975	12.30013	11.87042	12.026828
ENSMUSG Odf3	0	0	0.018808	0.005997	0	0
ENSMUSG Urah	4.338634	6.515027	5.009606	5.899889	5.871932	5.863661
ENSMUSG Syce1	0.045978	0.082122	0	0	0	0
ENSMUSG Ifitm5	0.550853	0.537466	1.014559	0.201217	0.295387	0.33044
ENSMUSG Cox8b	1.204446	3.973035	1.746612	2.425592	0.789294	0.476838
ENSMUSG Fn3krp	3.83129	4.076581	4.815954	3.280619	4.559998	3.676453
ENSMUSG Lgi2	1.184152	1.127001	1.177517	1.247393	1.292234	1.30739
ENSMUSG Vstm2b	0.047598	0.03683	0.131252	0.293516	0.359242	0.272388

ENSMUSG Pomt1	3.373081	3.868291	3.742701	3.538115	4.342188	4.087368
ENSMUSG Btd35f13	0	0	0	0	0	0
ENSMUSG Gm11238	0	0	0	0	0	0
ENSMUSG Zscan4e	0	0	0	0	0	0
ENSMUSG Tdp2	7.861555	6.906646	6.733308	6.722717	7.805438	7.372286
ENSMUSG Vmn1r159	0	0	0	0	0	0
ENSMUSG Vmn1r49	0	0	0	0	0	0
ENSMUSG Dock4	13.26272	10.43033	13.11523	8.155341	6.787372	8.576463
ENSMUSG Ascl3	0.219191	0.168864	0.311567	0	0.237899	0
ENSMUSG Pip4p1	19.00071	16.5906	17.80523	16.16507	17.98159	18.186644
ENSMUSG Dmrtc1c1	0	0	0	0	0	0
ENSMUSG Dmrtc1c2	0	0	0	0	0	0
ENSMUSG Hdac8	4.503819	4.548417	4.543169	4.213824	4.496335	4.163171
ENSMUSG Bdh2	0.553185	0.560971	0.503234	0.227972	0.417375	0.268579
ENSMUSG Cisd2	13.30188	13.43999	14.76036	14.27887	11.49981	13.06956
ENSMUSG Lage3	11.52613	12.65381	14.94276	13.49179	16.32783	14.77536
ENSMUSG Nfkb1	33.26723	33.7987	35.98441	38.19527	37.57236	37.475507
ENSMUSG Ppp3ca	41.84563	43.6359	38.72576	33.07665	30.71326	31.727515
ENSMUSG Vmn1r213	0	0	0	0	0	0
ENSMUSG Olfr475-ps	0	0	0	0	0	0
ENSMUSG Cd68	35.93617	29.40573	36.04842	95.9291	99.69271	127.23474
ENSMUSG Slc35g3	0.559145	0.569319	0.477141	0.779918	0.685366	0.61636
ENSMUSG Atp5g3	87.69204	97.55956	95.47801	108.5263	100.2459	113.71717
ENSMUSG Krtap20-2	0	0	0	0	0	0
ENSMUSG Ccl27a	0.999458	1.42205	1.525336	1.236167	0.951271	0.736519
ENSMUSG Il11ra1	20.08937	20.29351	20.92205	22.88105	24.64157	27.396995
ENSMUSG Slc6a19	0	0	0	0.026483	0	0.043286
ENSMUSG Nkd2	6.023795	6.054094	4.981298	2.441967	3.398163	2.800797
ENSMUSG Reep1	7.208758	7.368621	8.125007	3.449479	4.452569	4.508657
ENSMUSG Gm43738	0	0	0	0	0	0
ENSMUSG Tas2r137	0	0	0	0.036976	0	0
ENSMUSG Nrk	0.03813	0.020625	0.042092	0.012376	0	0.033503
ENSMUSG Cct8l1	0.028766	0.047213	0	0	0	0.020382
ENSMUSG Pcdhgb6	1.92775	1.716727	1.955516	1.454539	1.86649	1.252701
ENSMUSG Gm38119	0	0	0	0	0	0
ENSMUSG Pcdhgb8	0.917689	0.63064	0.609139	0.4011	0.245958	0.472523
ENSMUSG Gpr141	1.551127	1.224118	5.396037	2.772304	1.221189	1.279536
ENSMUSG Arl13b	7.74585	7.871304	7.255156	6.612466	6.441909	5.994458
ENSMUSG Pros1	31.41005	31.4185	35.00942	29.20266	31.7923	29.519812
ENSMUSG Psmg1	5.085854	7.322792	8.077219	6.927227	6.023423	7.705478
ENSMUSG Brwd1	14.58235	15.20587	12.76096	12.90219	12.8202	14.035765
ENSMUSG Glrx2	5.545738	5.802883	5.77869	5.641829	6.576147	5.10012
ENSMUSG Trove2	11.75181	12.07784	9.875012	8.638275	8.691802	8.35869
ENSMUSG Urb1	2.102142	2.234984	1.943007	2.021741	2.013857	2.195563
ENSMUSG Myh2	0	0	0.016247	0	0	0
ENSMUSG Grm1	0	0.005878	0	0.006679	0.042672	0.005422
ENSMUSG Vsig1	0.218872	0.161777	0.093736	1.040626	0.748838	1.315976
ENSMUSG Smpd2	14.21582	14.36819	14.24955	13.34942	12.25405	13.348116
ENSMUSG Mical1	11.96099	8.59737	11.42838	12.51615	11.11908	13.158095
ENSMUSG Utrn	47.5254	45.84985	37.90799	29.06987	27.83413	27.452144
ENSMUSG Zbtb24	5.860031	5.957489	5.755319	5.231903	5.989694	5.127152
ENSMUSG Slc35g2	3.155262	2.883254	3.119794	2.162725	2.194281	2.560884
ENSMUSG Gmppb	7.168118	5.31396	5.576981	8.954542	8.20394	8.197957
ENSMUSG Ndufaf3	10.5075	11.50011	10.61512	8.252828	8.595899	9.281395
ENSMUSG Slc22a14	0.42135	0.232057	0.466273	0.315557	0.17505	0.1732
ENSMUSG Slc22a28	0	0	0	0	0	0
ENSMUSG Gng8	0.405143	1.126955	0.541902	0.393037	0.378526	0.072334
ENSMUSG Nr1i2	0.20534	0.424668	0.234115	0.531659	0.423623	0.233966
ENSMUSG Vapb	18.70649	18.49452	19.09149	16.00963	17.28757	15.682729
ENSMUSG Gm9945	0	0	0	0	0	0
ENSMUSG Aes	160.5824	165.7515	168.9504	151.8599	142.7781	156.10029
ENSMUSG Sytl5	0.50673	0.576598	0.211299	0.17636	0.37736	0.444016
ENSMUSG Vsnl1	6.947776	7.779766	9.35616	5.030282	4.242125	3.405268
ENSMUSG Timm13	23.15552	23.83746	27.23406	27.47736	25.38198	25.600289

ENSMUSG Wif1	5.091767	5.102767	3.375225	2.950158	3.233187	2.322661
ENSMUSG Ing2	5.394369	4.678693	4.48612	3.831388	4.47889	4.764804
ENSMUSG F2	0	0.127763	0.127297	0.419109	0.178569	0.252746
ENSMUSG Pdia3	150.9482	161.2077	172.508	202.6826	218.0351	213.7706
ENSMUSG Arhgap1	45.10862	36.93949	41.41049	34.3091	32.23825	34.361901
ENSMUSG Ell3	0.818366	0.085801	0.357168	0.942934	0.592832	0.473669
ENSMUSG Hypk	20.56805	11.96174	12.35201	23.36217	9.095593	17.755484
ENSMUSG Mdm1	5.419584	5.917423	5.868276	6.139587	5.22663	5.897797
ENSMUSG Harbi1	3.371161	3.73378	3.091364	3.848835	3.706893	4.07789
ENSMUSG Glipr1l2	0	0	0	0	0	0
ENSMUSG Jsrp1	0	0	0	0.100601	0.181272	0
ENSMUSG Samd11	0	0	0.075235	0.974043	0.280651	0.364962
ENSMUSG Lpar6	2.152327	1.72955	2.903574	2.722676	2.000409	2.63035
ENSMUSG Gm10799	0	0	0	0	0	0
ENSMUSG Olfr889	0	0	0	0	0	0
Mus_musc Mus_musc	0.154947	0	0.253873	0.308383	0.061443	0
ENSMUSG Vash2	0.01399	0.179274	0.124632	0.310355	0.198504	0.355585
ENSMUSG Rhox5	0	0.061396	0	0	0	0
ENSMUSG Rps16	207.4024	208.2763	223.8245	235.2789	215.9413	225.437
Mus_musc Mus_musc	0	0	0	0.529449	0.189579	0.110844
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Xylt1	1.17651	0.841807	0.982302	1.856822	2.002731	2.140461
ENSMUSG Gm10718	0	0	0	0	0	0
Mus_musc Mus_musc	0.286561	0.257483	0.181809	0.208397	0.182851	0.21458
ENSMUSG Olfr1477	0	0	0	0	0	0
ENSMUSG Cnga3	0	0.013026	0	0	0.025687	0
ENSMUSG Tmem131	12.96582	14.04275	13.10791	14.37692	14.69587	14.748896
ENSMUSG Zap70	3.916143	3.268059	4.686294	5.864387	5.544305	6.561258
ENSMUSG Mgat4a	3.045803	3.528754	3.057581	4.680477	4.540036	4.751027
ENSMUSG Unc50	35.04998	35.96777	38.24467	35.76879	33.18552	30.175334
ENSMUSG Coa5	22.73859	23.48351	23.41158	25.98048	25.88001	28.275618
ENSMUSG Inpp4a	7.989956	8.462614	7.779851	7.515144	7.460111	8.220306
ENSMUSG Erbb2	11.50127	9.96231	9.76627	8.491624	8.873797	9.702864
ENSMUSG Glrp1	0.113088	0.023655	0.061463	0.011115	0.204627	0.126116
ENSMUSG Olfr1505	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.173428	0.186692	0
ENSMUSG Tmem63c	0.070479	0.064687	0.055106	0.023069	0.085921	0.097476
ENSMUSG Gm10720	0	0	0	0	0	0
ENSMUSG Gcnt7	0	0.072498	0.04231	0.152147	0	0.087613
ENSMUSG Vmn1r52	0	0	0	0	0	0
ENSMUSG Edar	0.479514	0.213623	0.323798	0.368463	0.226474	0.23179
ENSMUSG Ranbp2	21.70503	23.76918	18.42588	20.65033	20.77323	20.717464
ENSMUSG Grk5	25.9561	28.22896	30.12379	22.86193	25.42438	20.534119
ENSMUSG Rcn1	26.34321	26.23703	35.52647	25.50018	25.10147	23.131424
ENSMUSG Olfr694	0	0	0	0	0	0
ENSMUSG Rpl27a	213.0828	225.5918	241.2073	234.0316	235.3681	237.14987
ENSMUSG Mgat4e	0	0	0	0	0	0
ENSMUSG Arhgap15	2.854793	2.472676	3.411432	5.822285	5.95316	5.835089
ENSMUSG 5330417H	0	0	0	0	0	0
ENSMUSG Rxfp4	0.081707	0.058005	0.292008	0.104829	0.085774	0.136845
ENSMUSG Vmn1r226	0	0	0	0	0	0
ENSMUSG Olfr1414	0	0	0	0	0	0
ENSMUSG Wfdc12	0.277801	0.094178	0.229099	0.167213	0.168625	0
ENSMUSG Lrrtm3	0	0	0.012922	0	0	0
ENSMUSG Serpinb6b	46.08824	48.63031	46.47401	45.2255	47.03569	50.939566
ENSMUSG Tfp2d	0	0	0	0	0	0
ENSMUSG Ttf1	5.581573	7.08648	5.898167	6.77429	6.373853	6.827241
ENSMUSG Sh2b3	29.02995	24.80736	26.96065	17.81946	19.85332	19.425887
ENSMUSG Fam199x	2.925159	3.138136	2.381249	2.438302	2.509515	2.271823
ENSMUSG Ddx31	2.382584	2.633211	2.69518	3.375724	2.638777	2.565067
ENSMUSG Ak8	3.032982	3.6629	2.262311	5.137419	4.432623	4.386445
ENSMUSG lpo11	7.991623	8.155672	7.797267	7.455331	7.450322	7.637668
ENSMUSG Barhl1	0.013951	0.031569	0.035575	0.009826	0.07593	0
ENSMUSG Spaca9	4.911792	6.388755	5.042209	8.030895	5.656172	6.816505

ENSMUSG Kdm7a	7.481591	8.018258	7.04632	7.685234	8.065661	7.34422
ENSMUSG Adam30	0	0	0	0	0	0
ENSMUSG Zbtb37	1.430296	1.662761	1.462735	1.38634	1.324878	1.234525
ENSMUSG Sptssb	1.330189	1.105663	0.761107	1.135807	1.558679	1.101775
ENSMUSG Elfn2	0.015187	0	0	0	0	0.007331
ENSMUSG Rab9b	0	0	0	0	0	0
ENSMUSG Wdr86	0.406845	0.490735	0.238778	1.412317	0.961339	1.540404
ENSMUSG Crybb3	1.187865	0.445151	1.11974	0.518575	0.654353	0.281947
ENSMUSG Ren1	0	0	0	0	0	0
ENSMUSG Tesc	1.388189	1.908986	1.147411	2.004694	1.419772	1.469408
ENSMUSG Neu3	1.890332	2.464468	1.724504	1.897302	2.055572	2.731977
ENSMUSG Kcnk15	0	0	0.026507	0	0	0
ENSMUSG Etnk2	0.173461	0.10715	0.122381	0.130077	0.105985	0
ENSMUSG Spred1	18.24763	19.20026	16.74127	13.51999	13.48554	12.547443
ENSMUSG Pdk3	10.56185	9.481338	8.077225	8.754329	9.427037	10.398235
ENSMUSG Trim13	5.801628	4.738357	4.869103	3.591628	3.495724	3.802976
ENSMUSG Abraxas1	1.873634	2.298049	2.176065	1.867973	1.491484	1.613673
ENSMUSG Lcat	0.572221	0.504092	0.638483	0.501172	0.482173	0.502875
ENSMUSG Scai	1.923303	2.087363	1.597337	2.096117	1.93533	1.985838
ENSMUSG Chad	4.267194	8.023898	1.762668	18.46436	19.55669	19.097044
ENSMUSG Olfr355	0	0	0	0	0	0
ENSMUSG Olfr351	0	0	0	0	0	0
ENSMUSG Olfr353	0	0	0	0	0	0
ENSMUSG Olfr3	0	0	0	0	0	0
ENSMUSG Olfr341	0	0	0	0	0	0
ENSMUSG Aco1	18.57773	17.58475	16.82956	18.75088	20.00972	20.440966
ENSMUSG Smim27	1.611782	1.647714	1.713185	1.463847	1.636541	1.224579
ENSMUSG Mpdz	6.403914	6.412607	6.263958	4.334203	4.50436	4.322504
ENSMUSG Zdhhc21	3.889062	4.050285	3.826884	3.751568	3.773614	4.124975
ENSMUSG Smu1	24.98515	24.12268	24.07614	21.68812	22.43886	20.773794
ENSMUSG Pcdhgc5	0.179122	0.298486	0.206007	0.216356	0.235018	0.262112
ENSMUSG Olfr1394	0	0	0	0	0	0
ENSMUSG Bmp2	2.820736	2.558799	2.366247	1.434862	1.569056	1.518928
Mus_musc Mus_musc	0	0	0	0	0	0.368372
Mus_musc Mus_musc	1.700314	2.395133	1.416091	2.677134	2.62099	1.561597
Mus_musc Mus_musc	0	0	0	0	0.119029	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.108168	0	1.047955	0.595877	0.904661
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Tmbim1	60.0884	55.29309	58.53294	47.33977	37.38688	40.259486
ENSMUSG Kmt2b	11.8189	11.40053	12.64458	11.02852	10.77664	11.123067
ENSMUSG Arpc2	161.8964	155.001	170.7953	163.7806	160.6201	173.75434
ENSMUSG Slc25a26	3.684125	4.259792	3.731995	3.49925	2.657184	3.666779
ENSMUSG Tnfrsf14	8.373234	7.679443	10.94502	10.24823	6.689064	9.901729
ENSMUSG Poln	0	0.082427	0.063537	0.084651	0.066324	0
ENSMUSG Specc1	11.99333	11.5239	10.61877	8.864185	10.49316	8.718468
ENSMUSG Ccdc73	0.454311	0.28514	0.480645	0.252221	0.31572	0.341
ENSMUSG Saysd1	5.109257	4.392248	4.399637	4.283955	4.023039	3.880561
ENSMUSG Krtap4-7	0	0	0	0	0	0
ENSMUSG Cyp2d40	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG 1700056E2	0.175003	0.255161	0.567954	0.462664	0.294422	0.155235
ENSMUSG Lemd2	15.83888	15.67122	18.33865	14.57926	13.40797	15.186671
ENSMUSG Gm5724	0	0	0	0	0	0
ENSMUSG Luc7l	14.79395	14.16352	14.4195	11.78522	11.86514	11.620107
ENSMUSG Pdia2	0.032777	0.217522	0.077057	0.208505	0.031029	0.109698
ENSMUSG Fam234a	19.22224	18.60158	19.97159	18.50092	18.12008	19.893524
ENSMUSG Rgs11	3.321764	3.653848	4.451405	3.730854	2.401501	2.577506
ENSMUSG Mrpl28	19.06784	21.66848	21.17697	23.41666	21.47956	22.566639
ENSMUSG Tmem8	8.671846	8.853929	8.530398	9.185133	9.27766	9.701946
ENSMUSG Axin1	15.62621	14.65005	15.22813	13.30323	13.57606	13.60496
ENSMUSG Nnmt	1.43863	1.41571	0.919026	1.035087	0.568132	0.499934
ENSMUSG Rab26	0.089015	0.229113	0.413593	0.253098	0.4896	0.547225
ENSMUSG Gm5168	0	0	0	0	0	0

ENSMUSG Prrt4	2.462269	2.492473	3.159591	1.901679	2.130788	1.843698
ENSMUSG Paqr5	0.279516	0.393649	0.201482	0.45983	0.301085	0.415944
ENSMUSG H2-Q5	16.71811	13.86377	50.27018	32.31611	18.78114	27.230648
ENSMUSG Tmem243	46.09337	40.99641	46.45965	44.82222	39.23117	44.559568
Mus_musc Mus_musc	0	0	0	0	0.147081	0.30097
ENSMUSG Pnma5	0	0.004987	0.06806	0	0	0.019841
ENSMUSG Crb3	25.12073	25.60525	24.73901	23.88703	18.3521	23.020855
ENSMUSG Fam221b	0.139024	0	0.087814	0.067564	0	0
ENSMUSG Tmc8	2.850399	2.087561	3.264085	3.08123	2.905303	3.199544
ENSMUSG Svil	35.17804	32.3613	30.44349	24.01028	24.95947	25.277079
ENSMUSG Map3k8	4.337459	5.288501	6.242878	3.728647	4.389487	3.395437
ENSMUSG Mtpap	9.186667	8.768333	8.611567	6.601065	7.451877	7.237769
ENSMUSG Lylz1	0	0	0	0	0	0
ENSMUSG Drp2	0.034715	0.153401	0.021309	0.084167	0.078288	0.115249
ENSMUSG Cul2	8.316624	8.661007	7.586154	7.708105	7.009727	8.785225
ENSMUSG Olfr305	0	0	0	0	0	0
ENSMUSG Bpifc	0	0.019616	0	0	0.065905	0.064882
ENSMUSG Zeb1	26.75577	25.43551	21.84334	17.68564	16.72037	14.330791
Mus_musc Mus_musc	0	0	0.22978	0	0.491335	0
Mus_musc Mus_musc	0	0.039634	0	0.156138	0.343495	0.540059
Mus_musc Mus_musc	0.114638	0.135885	0.614669	1.426171	0.256916	0.450128
Mus_musc Mus_musc	0.617234	0.327348	0.141392	0.550105	0.226263	0.307644
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0.616682	0.312653	0.399237	0	0.406137
Mus_musc Mus_musc	0.09843	0	0	0.149507	0	0
Mus_musc Mus_musc	0	0.349063	0	0	0	0
Mus_musc Mus_musc	0	0.132896	0.097312	0	0.116223	0
Mus_musc Mus_musc	0	0	0.071087	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Olfr365	0	0	0	0	0	0
ENSMUSG Zfp933	2.080104	2.547062	1.989385	2.452311	1.964587	2.108615
ENSMUSG Adam32	0.06961	0	0.187313	0.063498	0	0.042927
ENSMUSG Coq5	12.14751	11.2965	11.48828	9.825762	9.597563	10.850035
ENSMUSG Pgm5	16.84722	17.95086	14.30032	16.41646	15.10421	16.782473
ENSMUSG Prrx1	0	0	0	0	0	0
ENSMUSG Tmem45b	0	0.971059	0	0.630579	0.240033	0.097775
ENSMUSG Tspo	127.3358	122.4325	134.4333	129.1738	134.2093	140.31965
ENSMUSG Gm13178	0	0	0	0	0	0
ENSMUSG Kirrel	4.613343	4.439766	4.571044	3.613646	3.579136	4.007029
ENSMUSG Phf13	6.674953	6.760431	5.878662	4.740026	5.18399	5.800906
ENSMUSG Ankfn1	0.486551	0.942854	0.425098	0.769957	1.254536	0.831271
ENSMUSG P2ry1	2.05113	1.997258	2.090945	3.074771	3.983152	2.360781
ENSMUSG Aadac	0	0	0	0	0	0
ENSMUSG Sucnr1	0	0.073373	0.027314	0.066461	0.070827	0.035172
ENSMUSG Mbnl1	58.03486	53.49847	53.42349	62.52828	52.37704	53.312956
ENSMUSG Fkbp2	42.11517	40.12814	46.69899	61.43677	63.15843	58.31823
ENSMUSG Fbh1	19.7922	21.41102	19.52037	18.37331	18.76368	19.276903
ENSMUSG Hip1r	12.7876	12.12874	13.36301	12.27344	12.61191	14.001187
ENSMUSG Nsun5	4.302366	4.882324	4.532733	3.348833	3.569742	4.069494
Mus_musc Mus_musc	0	0	0	0.696065	0	0
Mus_musc Mus_musc	0.119021	0.318085	0.157665	0.051263	0.12194	0.045434
Mus_musc Mus_musc	0	0	0	0.322172	0	0
Mus_musc Mus_musc	0	0.208303	0	0.611219	0.29164	0.357103
Mus_musc Mus_musc	0.445872	0.52221	0.615142	0.209835	0.232411	0.201371
Mus_musc Mus_musc	0	0	0	0.174016	0	0.05894
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.454277	0.34611	0.358229
ENSMUSG 4931417E1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.182831	0.289837	0.709617	0.145507	0.473598	0.250574
Mus_musc Mus_musc	0.423419	0	0.030346	0.083785	0	0
Mus_musc Mus_musc	0	0.202177	0.206861	0	0	0
Mus_musc Mus_musc	0.832449	0.284968	0.627586	0.959278	0.848114	0.715114
Mus_musc Mus_musc	0	0	0	0	0	0

Mus_musc Mus_musc	0.729159	0.808482	0.990083	0.561192	0.357849	0.400826
ENSMUSG Psg16	0	0	0	0	0	0
ENSMUSG Dync2h1	2.305565	2.549156	1.590134	2.187051	2.319781	2.113803
ENSMUSG Gjd3	0.079751	0.046542	0	0.141583	0.066915	0.051493
Mus_musc Mus_musc	0	0	0.034901	0	0.341996	0.212118
Mus_musc Mus_musc	0	0	0	0.073684	0.272791	0
Mus_musc Mus_musc	0	0	0	0.264323	0.365849	0.254214
Mus_musc Mus_musc	0.028882	0	0.026844	0.659963	0.689326	0.767597
Mus_musc Mus_musc	0.317605	0.483229	0.239461	0.511658	0.515811	0.454158
ENSMUSG Slc39a3	13.13774	12.82979	14.03012	9.833822	10.41829	10.083511
ENSMUSG Fam187b	2.729169	3.071547	2.466538	1.610195	2.248705	1.897402
Mus_musc Mus_musc	0.189608	0.290878	0.435997	0.191624	0.112686	0.148452
Mus_musc Mus_musc	0	0	0	0	0	0.368372
ENSMUSG Cd300ld2	0.270086	0.733767	0.330143	1.588958	0.852033	1.354532
ENSMUSG Zfp966	1.683813	2.560113	1.38383	1.947761	1.341591	1.853013
ENSMUSG Olfr1480	0	0	0	0	0	0
ENSMUSG Vmn2r22	0	0	0	0	0	0
ENSMUSG Olfr776	0	0	0	0	0	0
ENSMUSG Timm8a2	0	0.091943	0.044778	0	0.089768	0.060521
ENSMUSG Vmn1r121	0	0	0	0	0	0
ENSMUSG Gm6902	0	0	0	0	0	0
ENSMUSG Defa25	0	0	0	0	0	0
ENSMUSG Ccl21a	27.90893	32.56129	35.32227	40.51342	30.67162	36.030468
Mus_musc Mus_musc	0.14016	0	0	0	0	0.232046
Mus_musc Mus_musc	0	0	0.022035	0.113068	0.250727	0
ENSMUSG Dcaf12l2	0.069868	0.029899	0.031972	0.041257	0	0
ENSMUSG Mkl2	9.319255	9.261156	7.765791	7.615536	8.16661	8.55886
ENSMUSG Fpgs	7.992992	6.052455	6.759887	6.320256	6.075798	5.938854
Mus_musc Mus_musc	0	1.309295	0	0.021635	0	0
ENSMUSG Tor2a	15.64021	14.60998	16.8177	23.67652	19.44664	20.809337
Mus_musc Mus_musc	1.086151	1.121109	1.173692	1.126625	1.050196	0.694
Mus_musc Mus_musc	0.214707	0	0	0	0	0
Mus_musc Mus_musc	0.596367	0.542247	0.665709	0.502137	0.813024	1.016138
Mus_musc Mus_musc	1.705319	0.828739	1.786555	2.501908	1.789119	1.767274
Mus_musc Mus_musc	2.184786	2.370244	0.968582	0.547837	1.716802	1.014892
Mus_musc Mus_musc	0	0.239168	0	0	0	0.224169
Mus_musc Mus_musc	0	0	0.118615	0.125661	0.108364	0.100511
Mus_musc Mus_musc	0.682681	0.640819	0.507463	0.52571	0.523069	0.579993
Mus_musc Mus_musc	0.220963	0.207489	0.276215	0	0.062442	0.250577
Mus_musc Mus_musc	0	0.27764	0	0	0	0.078837
Mus_musc Mus_musc	0	0	0.237211	0	0	0
Mus_musc Mus_musc	0.186935	0.229021	0.108964	0.10441	0.207073	0.303447
ENSMUSG Gm42669	0.160507	0.057432	0.071947	0.18577	0.076028	0.123158
Mus_musc Mus_musc	0.276429	0.094676	0	0.103994	0	0.51807
Mus_musc Mus_musc	3.912274	5.020937	5.033084	3.935331	4.026152	3.049928
ENSMUSG Olfr191	0	0	0	0	0	0
ENSMUSG Gm4216	0	0	0	0	0	0
ENSMUSG Olfr671	0	0	0	0	0	0
ENSMUSG H2-K1	175.0858	158.2884	381.0588	331.3483	241.0847	306.47057
ENSMUSG Eid1	27.33672	27.38567	24.55698	26.08164	22.86103	24.716883
ENSMUSG Icos	0.769438	0.641186	0.683696	2.260932	2.065722	1.279112
ENSMUSG Bik	7.386457	6.989256	7.478342	6.005407	6.311406	5.331678
ENSMUSG Rgn	0.190957	0.45611	0.103969	0.217439	0.396039	0.368029
ENSMUSG Ttll12	6.194748	5.769547	4.844649	5.437274	6.002528	6.179146
ENSMUSG Cmah	4.692787	2.656413	2.502972	8.052596	11.07383	10.540218
ENSMUSG Gm17087	0	0	0	0	0	0
ENSMUSG Gm11983	0	0	0	0	0	0
ENSMUSG Tcf4	27.01281	27.50273	24.49026	23.37739	22.27946	20.094298
ENSMUSG Tnfaip6	0.343405	0.151873	0.244414	0.171777	0.357226	0.285004
ENSMUSG Fam122c	0	0	0	0	0	0
ENSMUSG Kdm3a	10.88197	11.88998	11.20836	9.796716	11.28279	9.64496
Mus_musc Mus_musc	0.150398	0.426896	0.606651	0.312699	0.280648	0.499867
ENSMUSG Prss3	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.075618	0.389024	0	0.103016	0

Mus_musc Mus_musc	0	0	0	0.234387	0.118768	0
ENSMUSG Hmga1b	9.309557	8.419741	10.09554	13.34673	13.69772	15.465554
Mus_musc Mus_musc	0.241816	0.222952	0.285642	0.475675	0.479876	0.529034
Mus_musc Mus_musc	0.371309	0.327269	0.219448	0.380792	0.089697	0.267835
ENSMUSG Gm3550	0	0	0	0	0.028635	0.100101
Mus_musc Mus_musc	0.972333	0.994883	0.836302	0.640129	1.532024	1.309923
Mus_musc Mus_musc	0	0	0	0	0	0.274125
Mus_musc Mus_musc	0	0.292068	0	0	0	0
Mus_musc Mus_musc	0.191482	0	0.161497	0.150069	0.083412	0.249434
Mus_musc Mus_musc	0	0	0	0	0.354578	0
Mus_musc Mus_musc	0.746455	0.38646	0.236285	0.610717	0.466101	0.939149
Mus_musc Mus_musc	0	0	0.254266	0	0	0
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.201726	0.100833	0.210607
ENSMUSG Gm21886	0	0	0	0	0	0
ENSMUSG Gm10591	1.857264	1.968941	1.42743	2.880163	1.968723	2.038165
ENSMUSG Vmn2r54	0	0	0	0	0	0
ENSMUSG Gm13272	0.034778	0.02835	0.046556	0.015664	0	0.161816
Mus_musc Mus_musc	1.106597	1.472069	1.319401	1.1883	0.624568	1.203556
ENSMUSG Chfr	11.94662	11.64981	12.94153	12.72526	12.73633	11.775254
ENSMUSG Stac2	0.580308	0.834329	0.796406	10.65161	11.54548	11.395398
Mus_musc Mus_musc	0	0.096755	0.142162	0	0	0
ENSMUSG Rpl19	436.6394	469.4095	464.5964	497.2982	473.5792	515.22802
ENSMUSG Nek8	2.690945	2.826678	2.156417	2.613185	2.003071	2.628834
ENSMUSG H2-T3	0.135472	0.010627	0.157975	0.035466	0	0
ENSMUSG Actr5	4.745562	4.002322	3.976924	4.689481	3.682161	4.665517
ENSMUSG Slc16a9	25.0493	20.34226	22.9405	17.82827	22.0297	14.507708
ENSMUSG Brpf1	11.56692	12.47572	13.78031	10.1316	10.06659	10.568387
ENSMUSG Stk38l	4.175642	5.151226	4.599213	4.673957	4.097754	4.944772
ENSMUSG Cars	8.94193	8.788797	9.289869	10.12487	9.890773	10.277673
ENSMUSG Tnfrsf22	1.409714	1.987624	2.101434	1.636699	1.376075	1.449323
ENSMUSG Olfr1300- ρ	0	0	0	0	0	0
ENSMUSG Olfr1328	0	0	0	0	0	0
ENSMUSG Scarf2	24.96706	18.61036	24.27433	18.05861	19.52536	20.641153
ENSMUSG Tpi1	62.72328	71.04852	60.4578	62.79041	64.07179	76.733229
ENSMUSG Pisd	25.03167	25.41076	28.48345	26.28083	25.79036	31.198771
ENSMUSG Lrrk1	16.78106	17.08329	15.25609	13.80631	14.1109	14.52137
ENSMUSG Get4	28.7096	26.73602	28.67747	23.49453	21.57493	24.520054
ENSMUSG Lhfpl5	0	0.133817	0.033391	0	0	0
ENSMUSG Opcml	0.100522	0.109796	0.074593	0.188431	0.049581	0.089748
ENSMUSG Fam20c	3.528634	3.189489	3.364499	18.90303	17.65125	22.381618
ENSMUSG Prkar1b	12.31631	10.76633	13.67933	7.216484	7.497431	8.269747
ENSMUSG Pdgfa	34.24217	26.92364	33.24069	23.04855	20.45227	23.171481
ENSMUSG Dnaaf5	6.578975	5.727781	6.097445	6.130992	6.197618	6.485331
ENSMUSG Pri7d1	0	0	0	0	0	0
ENSMUSG Gpld1	1.143921	1.539556	1.082384	1.393066	0.966193	1.278813
ENSMUSG Pri	0	0	0	0	0	0
ENSMUSG Pri8a6	0	0	0	0	0	0
ENSMUSG Pri8a8	0	0	0	0	0	0
ENSMUSG Gm1993	0	0	0	0	0	0
ENSMUSG Syap1	35.06174	35.7274	32.45768	30.69914	30.53453	30.386715
ENSMUSG Amelx	0	0	0	0	0	0
ENSMUSG Arhgap6	9.715554	8.607266	8.345449	7.151632	7.228153	7.157634
ENSMUSG Hccs	7.34326	6.342271	7.144386	6.088236	6.094388	7.522944
ENSMUSG Rbbp7	43.54138	46.8295	45.41478	43.67225	44.17833	43.741024
ENSMUSG Zfp185	3.535288	3.498373	3.127345	2.570847	2.408959	3.059138
ENSMUSG Msl3	14.33788	15.60757	14.88004	15.82723	16.72218	14.959476
Mus_musc Mus_musc	1.659101	0.490915	2.098866	11.36395	19.7512	74.816612
Mus_musc Mus_musc	0.74852	1.491515	0	3.821225	3.318796	21.662249
Mus_musc Mus_musc	0	0.11966	0	0.892905	0.438706	1.766842
Mus_musc Mus_musc	0.364402	0.535497	0	27.2266	6.183522	0.901894
Mus_musc Mus_musc	7.525046	7.029817	5.782978	589.996	111.6672	105.61063
Mus_musc Mus_musc	1.964904	2.700611	1.109159	203.2227	56.05244	234.23332
Mus_musc Mus_musc	132.4727	138.3065	64.02913	17053.92	19250.81	15815.627

Mus_musc	Mus_musc	0.232061	0.101172	0	1.142943	0.38676	1.757127
Mus_musc	Mus_musc	0.224441	0	0	3.528418	6.762522	5.258835
ENSMUSG	Gm3604	0.538738	0.342731	0.621078	0.95631	0.357674	0.318156
ENSMUSG	Gm15093	0	0	0	0	0	0
ENSMUSG	Rhox4a2	0	0.030656	0	0	0	0
ENSMUSG	Nelfa	10.33884	9.968337	10.31103	8.891756	9.256279	8.363343
ENSMUSG	Rnf4	26.87837	28.64183	29.81509	25.7112	27.31457	27.582209
ENSMUSG	Nkx1-1	0	0	0	0	0	0
ENSMUSG	Man2b2	20.36568	17.56409	18.70488	22.75585	25.22796	27.555169
ENSMUSG	Smtn	18.31997	16.17317	18.65504	12.25699	13.11494	13.216355
ENSMUSG	Sesn1	14.17263	14.1726	12.77802	13.8776	13.85411	13.114564
ENSMUSG	Satb2	0.15553	0.263989	0.271526	0.281847	0.31199	0.199298
ENSMUSG	C87499	0	0	0	0	0	0
ENSMUSG	Tsr1	7.380665	8.119982	6.236009	9.310674	8.507955	9.306189
ENSMUSG	Adcy1	0.303605	0.280857	0.316595	0.305547	0.25038	0.325192
ENSMUSG	Pes1	20.55828	19.07032	19.01506	19.28175	19.06801	20.144596
ENSMUSG	Tcn2	140.0414	143.3762	143.2449	127.7132	166.3852	123.92741
ENSMUSG	Osbp2	0.167838	0.235249	0.112775	0.132859	0.248665	0.086226
ENSMUSG	Galnt14	0.025406	0	0	0	0	0
ENSMUSG	Myo1g	8.863433	6.735032	10.90481	16.25634	13.58622	18.147878
ENSMUSG	Gabrg2	0	0	0	0	0	0
ENSMUSG	Ndufs5	39.56228	42.93631	49.83623	47.20523	47.58412	44.237707
ENSMUSG	Ehd3	9.178519	8.669996	9.244164	5.051105	5.961399	5.569734
ENSMUSG	Tmem269	0.201909	0.197401	0.303838	0.123107	0.043446	0.128098
ENSMUSG	Svbp	14.95429	15.08631	19.46831	17.8019	18.43108	14.90997
ENSMUSG	Tfap2c	0	0.021195	0	0	0	0
ENSMUSG	P3h1	8.103356	7.385322	7.567891	6.238014	7.387774	6.893069
ENSMUSG	Rragc	32.80067	31.68577	32.46776	28.10467	32.50981	30.6972
ENSMUSG	Mycbp	8.991154	8.550641	8.144837	8.717648	8.547655	9.485665
ENSMUSG	Ermap	0.109406	0.052793	0.137866	0	0.051934	0.029261
ENSMUSG	Slc2a1	6.956327	7.416004	8.17385	9.484403	10.00161	9.999082
ENSMUSG	Txndc11	11.2037	10.79416	12.08319	20.64105	23.9513	21.149702
ENSMUSG	Glycam1	0	0.055532	0	0	0	0.074496
ENSMUSG	Ppp1r1a	1.323059	2.4042	1.181518	1.530969	1.327145	1.174364
ENSMUSG	Shisa9	0.374498	0.316145	0.146638	0.257772	0.106336	0.128028
ENSMUSG	Tnfrsf17	0.526027	0.279271	0.11753	4.467625	2.930955	3.668357
ENSMUSG	Fech	21.21256	21.2825	22.44867	16.78382	17.58905	17.536068
ENSMUSG	Dmac1	21.56348	20.2949	24.47294	22.39055	25.40477	23.562914
ENSMUSG	Ptprd	8.018084	6.511049	5.098917	3.913067	4.023993	3.809084
ENSMUSG	Pole3	17.58513	17.04558	18.12343	14.39984	15.03362	15.861511
ENSMUSG	Mob2	27.07907	32.49177	28.67454	23.38072	24.68543	20.7015
ENSMUSG	2310002LC	0.051662	0.337645	0.111923	0.027063	0.054682	0
ENSMUSG	Kdm4c	10.47657	11.10641	10.03989	8.141061	9.75779	7.959559
ENSMUSG	Aspcr1	20.94877	21.36823	20.38828	21.57834	20.18274	19.147436
ENSMUSG	Wdr31	1.95562	1.784937	0.993816	2.603914	1.689698	2.027553
ENSMUSG	Bspry	7.962173	8.6776	7.898111	9.060278	8.354248	9.3001
ENSMUSG	Alad	102.7021	103.9271	87.08535	77.04692	75.85132	86.041485
ENSMUSG	Acvr1b	18.33826	18.10633	20.10732	15.83947	16.77429	14.716119
ENSMUSG	Pla2g4e	0	0.076448	0	0.011661	0.03753	0.056774
ENSMUSG	Cadm1	50.36117	42.71902	47.16206	33.69253	34.65917	33.190971
ENSMUSG	Bud13	6.231676	5.089349	5.69111	4.266779	5.178157	5.152957
ENSMUSG	Prl3d2	0	0	0	0	0	0
ENSMUSG	Tcp10c	0	0.029179	0	0	0	0
ENSMUSG	Apoa5	0	0	0	0	0	0
ENSMUSG	Irf9	17.84813	15.09558	29.63504	19.18826	12.78602	15.421732
ENSMUSG	Ap2a1	23.23033	21.66311	23.41341	21.37389	21.80332	21.37999
ENSMUSG	Mrps18b	10.60816	11.20129	9.726613	11.26815	10.26055	12.111363
ENSMUSG	Nr3c1	40.6123	42.81707	35.90804	29.63872	29.93462	28.288154
ENSMUSG	Cabyr	0.048883	0.072122	0.202945	0.133758	0.060274	0.210894
ENSMUSG	Nrg2	1.188902	1.072847	0.701414	1.035168	0.986029	1.309711
ENSMUSG	Gmpr2	6.352516	6.543512	6.860369	7.081282	6.213751	6.49007
ENSMUSG	Tmem39b	3.346264	3.758544	4.679636	4.238735	3.831485	5.012266
ENSMUSG	Olf449	0	0	0	0	0	0
ENSMUSG	Fgfr4	10.90843	10.37182	12.51385	7.055245	6.36995	6.676197

ENSMUSG Zfp518a	4.088433	3.986894	3.856116	4.400726	4.399102	3.69179
ENSMUSG Tex50	0	0	0	0	0.029445	0
ENSMUSG Itgbl1	2.748728	1.782737	1.896137	1.471924	1.069635	1.371179
ENSMUSG Odf4	0	0	0.044811	0.063117	0.060268	0.038956
ENSMUSG Itk	2.132475	2.053634	2.491728	2.718472	2.267993	2.629044
ENSMUSG Pax6	0	0	0.012361	0.008176	0	0
ENSMUSG Med7	6.524464	8.386257	8.767483	7.636623	6.833839	7.767486
ENSMUSG Ube2b	58.74013	60.21065	56.58881	60.4774	57.98406	54.527695
ENSMUSG Cdkn2aipn	21.43798	23.44029	21.30551	22.22883	23.84773	21.568939
ENSMUSG Kremen1	12.89864	13.68571	12.74458	11.3851	11.5591	11.249936
ENSMUSG Lin7c	29.95546	28.61678	26.03205	22.29047	22.16168	20.211828
ENSMUSG Aadacl2	0	0	0	0	0	0
ENSMUSG Ccdc34	3.078856	3.191502	2.875187	4.151881	4.189425	3.105643
ENSMUSG Dnajc24	8.663216	7.382526	7.881565	7.9297	6.82966	7.261867
ENSMUSG Havcr2	3.747361	3.461836	4.611814	4.845272	4.362055	5.224804
ENSMUSG Traf6	8.685382	8.594231	8.381892	7.268341	8.373101	8.340213
ENSMUSG B230118H	2.986043	3.484289	3.283648	3.64034	2.945908	3.087828
ENSMUSG Ptpn7	3.077287	2.889324	4.505443	10.35439	10.45216	11.136238
ENSMUSG Nox4	17.81437	17.74113	18.2075	11.37537	12.46538	9.45702
ENSMUSG Ctsc	117.3055	119.2031	129.6269	154.6702	165.9095	178.75108
ENSMUSG Six5	3.949473	3.434113	4.109076	3.481017	3.03209	3.365396
ENSMUSG Map3k11	41.61678	42.35341	45.91888	35.09987	35.46349	33.298847
ENSMUSG Akt2	22.42998	25.76	23.98632	25.55738	22.97952	23.555782
Mus_musc Mus_musc	0.38526	0	0	0.333846	0.027395	0.294298
Mus_musc Mus_musc	0	0.051289	0.228959	0	0.07917	0
Mus_musc Mus_musc	0.933903	0.902262	0.819618	0.845277	0.910034	0.920115
Mus_musc Mus_musc	0	0	0	0.373987	0	0
ENSMUSG Chn2	4.229577	2.960838	3.685122	4.04941	4.993399	4.278272
Mus_musc Mus_musc	0.410132	0.435733	0.277217	0.533158	0.654326	0.656707
Mus_musc Mus_musc	0.562829	0.596861	0.376661	0.257438	0.34151	0.399044
Mus_musc Mus_musc	0.114189	0.055914	0	0.354373	0.373385	0
ENSMUSG Duxbl3	0.048501	0	0	0.060088	0.028771	0.04119
ENSMUSG Gm10392	0.034821	0.147977	0.173118	0.075871	0.052307	0.019755
ENSMUSG Atp7b	14.15222	14.23269	11.42989	8.823676	8.505106	7.661964
ENSMUSG Duxbl2	0	0.021387	0.022442	0.074937	0.050323	0.03748
ENSMUSG Tmem254	0.783727	0.854385	0.896187	1.818527	1.615963	1.461985
ENSMUSG Sec14l2	10.91522	13.52153	10.90498	11.17278	12.80315	13.922968
ENSMUSG Rnf215	25.04959	21.18033	23.02103	16.02405	17.27649	15.726586
ENSMUSG Slc10a5	1.064295	1.084224	0.711078	0.926226	0.925705	0.957099
ENSMUSG Ccdc192	0	0.159945	0.033854	0.062701	0	0
ENSMUSG Gm10053	1.674253	1.624435	2.846738	2.152178	2.928847	2.734457
ENSMUSG Cdc42	174.4878	168.6681	175.8569	164.1729	160.6193	162.40218
ENSMUSG Bglap3	0	0	0	0.067367	0	0
ENSMUSG Bglap2	0	0	0	0	0	0
ENSMUSG Mex3a	0.386054	0.536344	0.341966	0.415103	0.515746	0.552878
ENSMUSG Bglap	0	0	0	0.188413	0	0.04814
ENSMUSG C530025N	0	0	0	0	0	0
ENSMUSG Syndig1	0	0	0	0	0	0
ENSMUSG Gm21994	0.102088	0	0.048207	0	0.109753	0
ENSMUSG Drc1	3.898438	5.462492	3.000036	5.770808	5.413134	5.871449
ENSMUSG Zfp950	5.572915	6.699275	6.108727	5.469894	5.257695	5.802348
ENSMUSG Zfp345	0.036726	0	0	0	0	0.01408
ENSMUSG Gm10750	0	0	0	0	0	0
ENSMUSG Fndc10	1.695622	1.558745	2.13649	3.730939	3.048407	3.224378
ENSMUSG Cenpc1	4.032632	4.414541	3.123202	5.072309	4.163906	4.693287
ENSMUSG Polr2b	18.45489	18.80312	16.27422	16.11819	16.09031	16.064318
ENSMUSG Stap1	0.88321	0.438469	1.050118	2.412618	1.451888	2.145874
ENSMUSG Gnrhr	0	0	0	0	0	0
ENSMUSG Olfr1507	0	0	0	0	0	0
ENSMUSG Elf3	8.49106	9.940177	6.711716	14.74152	15.05386	14.615189
ENSMUSG Cyp2c29	0	0	0	0	0	0
Mus_musc Mus_musc	0.194281	0.512432	0.388407	0.447362	0.151081	0.262705
Mus_musc Mus_musc	0.253968	0	0.404392	0.134714	0.050487	0
Mus_musc Mus_musc	0.56244	0.444375	0.336882	0	0.228849	0.525552

ENSMUSG Inmt	1433.515	1309.22	1604.558	802.0161	718.1932	662.88452
Mus_musc Mus_musc	2.954997	2.646852	3.276436	2.070794	2.414221	2.163547
Mus_musc Mus_musc	0.155183	0.106295	0.333711	0.344202	0.171994	0.455187
Mus_musc Mus_musc	0	0	0	0	0.496132	0.237128
Mus_musc Mus_musc	0	0	0	0	0.373431	0
Mus_musc Mus_musc	0	0	0	0.521338	0	0
Mus_musc Mus_musc	0.151342	0.162016	0.413021	0.117223	0.17043	0.177982
Mus_musc Mus_musc	0	0	0	0.420738	0	0.103447
ENSMUSG Hist1h2ac	0.190683	0.231961	0.264226	0.073126	0.137199	0.238878
ENSMUSG Hist1h2ae	0.644488	0.290535	0.364749	0.555294	1.059956	0.923809
ENSMUSG Hist1h3e	0	0	0	0.052246	0.066995	0.196083
ENSMUSG Hist1h4f	0.124072	0	0	0	0.40824	0.022611
ENSMUSG O610009B	10.43032	10.41969	11.54935	13.44079	12.71176	13.69149
ENSMUSG Rbm12b1	4.770608	4.664081	4.275658	4.664165	3.9688	4.541542
ENSMUSG Cxxc5	6.103198	5.403748	5.822979	5.721156	4.864277	5.726643
ENSMUSG Rundc1	11.36192	10.25578	9.784631	10.17781	9.910833	9.910294
ENSMUSG Igsf6	3.891948	3.660216	7.786015	10.16102	7.951634	9.98154
ENSMUSG Dpp4	33.54616	34.33815	31.79212	24.82051	22.91964	23.863045
ENSMUSG Gm10837	0	0	0	0	0	0
ENSMUSG Dnlz	6.894552	5.29079	5.442381	5.789396	6.680467	6.569146
ENSMUSG Pou2f2	1.178085	0.96724	1.488598	3.110736	2.987505	2.530092
Mus_musc Mus_musc	0.104077	0	0	0	0	0.122338
Mus_musc Mus_musc	0	0.184934	0.26562	0.192221	0.105409	0.177386
Mus_musc Mus_musc	1.463485	1.068393	1.006546	1.764186	1.147235	1.222561
Mus_musc Mus_musc	0	0.178784	0	0	0	0
ENSMUSG Emc10	45.43714	45.34381	44.58485	41.50887	41.14278	43.720125
ENSMUSG Evc2	4.09891	4.324582	3.924218	2.687191	2.286878	2.82659
ENSMUSG Faf1	7.616304	7.881636	6.644015	7.651531	7.215024	8.249095
ENSMUSG Il11ra2	0.243182	0.229702	0.555132	0.019095	0.06592	0.28825
ENSMUSG Pax3	0	0	0	0	0	0
ENSMUSG Aarsd1	11.46712	10.92923	11.83314	10.26619	10.5973	10.830907
Mus_musc Mus_musc	0	0.179385	0.342096	0	0	0.193522
Mus_musc Mus_musc	0.151216	0.311115	0.711008	0.154306	0.063439	0.346318
ENSMUSG Lhfp12	2.632051	2.702827	2.420203	15.44734	16.74761	22.54276
ENSMUSG Sowahb	1.107457	1.455295	0.989706	1.866792	1.6196	1.789299
ENSMUSG Fahd1	4.347956	4.768083	3.690733	5.357524	4.32675	4.882499
Mus_musc Mus_musc	0	0.331291	0	0.172115	0	0
ENSMUSG Adra2c	0.117022	0	0.091652	0	0.016258	0.016039
Mus_musc Mus_musc	0	0	0	0	0.324682	0
Mus_musc Mus_musc	0	0	0	0.174016	0.121819	0
ENSMUSG Mustn1	12.35744	10.40108	12.65853	12.51016	11.36716	11.364336
ENSMUSG Mgat3	8.176531	10.75248	6.383396	10.34615	9.686764	10.350872
ENSMUSG Acp5	12.73518	10.50006	11.47318	73.00114	85.15592	82.499275
ENSMUSG Cnn1	9.996516	11.79491	9.975734	11.30994	12.98666	10.360518
ENSMUSG Bcor	10.33562	10.01658	10.40315	8.278712	8.163199	8.484935
ENSMUSG Lrrd1	0.008347	0.075037	0.035951	0.059912	0.016322	0.083948
ENSMUSG Trim41	15.16687	13.06316	13.8346	12.46609	11.88502	11.364285
ENSMUSG Sec1	3.292083	2.682054	2.190337	3.741248	3.700475	4.218051
ENSMUSG Cdc23	12.14466	13.54356	13.14335	13.1727	12.78681	11.439318
ENSMUSG C2	15.48086	17.3765	11.71749	11.59713	7.645551	16.572964
ENSMUSG Epb41l4a	10.50456	10.17077	9.302076	6.49774	6.05546	6.306431
ENSMUSG Ctla2b	12.94523	10.66101	13.73837	6.406529	7.298111	6.028246
ENSMUSG Stard4	11.94483	12.39535	11.46237	12.29522	12.6611	14.120722
ENSMUSG Tslp	2.388467	2.22008	3.546159	1.474965	1.549082	1.147647
ENSMUSG Fam50a	22.33139	21.6554	24.98174	20.30245	23.49813	19.873137
ENSMUSG Flywch1	30.22874	26.34486	29.97236	20.04717	19.96973	21.124725
ENSMUSG Emd	27.84793	27.47361	27.62111	20.54836	21.50584	22.248531
ENSMUSG Rufy4	1.393167	1.525606	1.392167	0.940674	0.707538	0.274922
ENSMUSG Myl1	0.454864	6.597895	0.470619	2.889061	1.624349	1.335906
ENSMUSG Sgsh	9.299677	7.933404	7.962915	10.09548	9.373474	10.645959
ENSMUSG Zbtb26	1.547532	1.780383	1.347643	1.903477	1.483617	1.640414
ENSMUSG Lair1	2.637978	2.354879	4.107488	3.093324	3.833839	4.85553
ENSMUSG Epha6	0	0	0	0	0	0
ENSMUSG Scg2	0.153298	0.151426	0	0	0.022269	0.043941

Mus_musc	Mus_musc	0	0.102468	0	0.192286	0.196002	0
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0.479595	0.419561	0.352442	0.218432	0.065974	0.156885
Mus_musc	Mus_musc	0	0	0.15677	0.224461	0	0.559595
Mus_musc	Mus_musc	0.358918	0.62594	0.690867	0.384127	0.409748	0.676032
Mus_musc	Mus_musc	0	0	0	0.125292	0.299241	0
Mus_musc	Mus_musc	0	0.09559	0	0	0.186692	0
Mus_musc	Mus_musc	0	0	0	0	0.305219	0
Mus_musc	Mus_musc	0	0	0	0	0.186692	0
Mus_musc	Mus_musc	1.037617	1.356457	1.11176	1.235668	1.193593	1.031284
Mus_musc	Mus_musc	0	0	0	0	0	0.181592
Mus_musc	Mus_musc	0	0	0	0	0	0.184186
Mus_musc	Mus_musc	0	0	0.20262	0	0.185124	0.136979
Mus_musc	Mus_musc	0.43041	0.205858	0.4905	0.529125	0.860114	1.15608
ENSMUSG	Cdh24	0.267954	0.257049	0.363849	0.336012	0.331059	0.410605
ENSMUSG	Ccdc7b	0	0	0	0	0	0
ENSMUSG	Zfp709	1.309811	1.253777	1.219704	1.239	1.106191	1.550018
ENSMUSG	Olfml1	8.179759	6.835824	5.453881	6.04275	6.251479	5.735461
ENSMUSG	Gprc5c	3.276657	3.181952	2.683557	2.861153	3.356022	3.292749
ENSMUSG	P4ha3	0.485409	0.610767	0.737007	0.850365	0.539597	0.769198
ENSMUSG	A430033Kl	2.256377	2.401795	2.010252	1.77831	1.680733	1.752141
ENSMUSG	Mfsd9	1.747661	1.321615	1.672168	1.376462	1.450162	1.877656
ENSMUSG	Tango6	1.962943	1.927938	2.086566	1.799739	1.596391	1.734041
Mus_musc	Mus_musc	0.168965	0.59552	0.590834	0.29099	0.230265	0.131217
Mus_musc	Mus_musc	0.566076	0.236851	0.178952	0	0.157422	0.448939
Mus_musc	Mus_musc	0	0	0	0	0	0
ENSMUSG	Unc13d	16.16715	14.70785	15.71035	13.03759	12.19049	14.097322
Mus_musc	Mus_musc	0.062282	0.139361	0	0.189995	0.137315	0.316875
Mus_musc	Mus_musc	0.887468	0.749101	1.13919	0.421361	0.840615	0.745216
Mus_musc	Mus_musc	0.531128	0	0.261083	0	0	0
Mus_musc	Mus_musc	0.35079	0	0.110353	0.084669	0.140521	0
Mus_musc	Mus_musc	0	0	0	0	0	0.368372
Mus_musc	Mus_musc	0	0.33336	0	0	0	0
Mus_musc	Mus_musc	0	0	0	0.298313	0	0.092093
Mus_musc	Mus_musc	0.746412	1.173091	1.287555	0.661454	0.425989	0
Mus_musc	Mus_musc	0.297191	0	0.392183	0	0	0
Mus_musc	Mus_musc	0	0	0	0.274908	0	0
Mus_musc	Mus_musc	0	0	0	0.172709	0.117297	0.325957
Mus_musc	Mus_musc	0	0	0	0.055675	0	0
Mus_musc	Mus_musc	0	0.247074	0	0.228475	0.363873	0.152818
Mus_musc	Mus_musc	0.278639	0	0.084468	0.274938	0.314471	0.272745
Mus_musc	Mus_musc	0.066989	0.070141	0	0	0	0.29868
Mus_musc	Mus_musc	0.114761	0	0	0.426309	0.434179	0.311282
Mus_musc	Mus_musc	0	0	0	0	0.15888	0
Mus_musc	Mus_musc	0	0.070524	0	0	0	0
ENSMUSG	Med18	2.724201	1.944924	2.835134	1.730417	1.993122	2.46879
ENSMUSG	Phactr4	16.97717	16.73026	16.37606	11.49128	12.51678	11.790338
ENSMUSG	Taar7d	0	0	0	0	0	0
ENSMUSG	Skap1	3.967628	2.940469	4.780973	5.42746	4.377189	4.99767
ENSMUSG	Inca1	1.069814	0.742652	0.610997	0.449756	0.677026	0.878294
ENSMUSG	Noc2l	11.21379	12.09251	13.76478	12.81252	11.01004	12.888315
ENSMUSG	Olfrc397	0	0	0	0	0	0
ENSMUSG	Ube2d1	15.95902	16.23407	18.34644	15.52781	14.5303	13.243711
ENSMUSG	Tdpoz2	0	0	0	0	0	0
ENSMUSG	Olfrc342	0	0	0	0	0	0
ENSMUSG	Olfrc347	0	0	0	0	0	0
ENSMUSG	Flvcr1	6.11252	6.61584	5.785139	7.252485	8.19502	7.743163
ENSMUSG	Xlr	3.759976	4.898283	4.587276	4.884002	5.033636	4.198357
ENSMUSG	Mrpl19	2.501808	2.259325	2.648798	3.212296	2.657647	2.925087
Mus_musc	Mus_musc	0	0	0	0.353031	0	0
ENSMUSG	Sptbn2	1.361563	1.501338	1.000604	1.19524	1.019753	1.168853
Mus_musc	Mus_musc	0.124786	0.070339	0.05644	0.154013	0.322007	0.342611
Mus_musc	Mus_musc	0	0.047631	0	0.109204	0	0
Mus_musc	Mus_musc	0.224766	0.252307	0.369009	0.657028	1.393852	0.886305

ENSMUSG Casp16-ps	0	0	0	0	0	0
Mus_musc Mus_musc	0.051494	0.064465	0	0.52233	0.20285	0.635177
Mus_musc Mus_musc	0	0	0	0	0.063936	0
ENSMUSG Ss18	32.73294	37.92799	38.13717	34.87686	29.37996	35.121634
ENSMUSG Cd300lg	3.348634	3.41856	3.069857	2.303106	1.831391	2.016747
ENSMUSG Mcpt4	0.661686	0.943757	2.442109	0.485769	1.022936	0.331972
ENSMUSG Bbc3	6.143243	8.01019	11.395	9.01833	7.857434	8.915987
ENSMUSG H2a1o	0	0	0	0	0	0
ENSMUSG Acot8	10.59517	9.374097	11.48647	9.030544	9.237633	11.096068
ENSMUSG Apln	14.33207	11.61465	14.90512	7.160469	5.864031	6.940938
ENSMUSG Cstf2t	11.42048	11.5869	10.97855	10.11614	11.15858	9.657646
ENSMUSG Tnnc2	0	0	0	0.073584	0.14722	0
ENSMUSG Ctsb	78.2949	77.94308	79.15663	246.9028	259.0432	315.61487
ENSMUSG Pspc1	5.300421	3.844589	4.595648	3.854569	4.181255	5.002418
ENSMUSG Mapk8	5.323396	4.625767	4.774232	4.155492	4.000649	3.978453
ENSMUSG Gucy1b2	0	0	0	0	0	0
ENSMUSG Rnaseh2b	5.429817	4.873972	4.334183	4.556102	5.62593	4.81504
ENSMUSG Spryd7	7.362515	7.066473	7.590776	6.045683	5.403091	5.340537
ENSMUSG Capn12	0	0	0.02585	0.009189	0	0
ENSMUSG Fbxw28	0	0	0	0	0	0
ENSMUSG Olfr1084	0	0	0	0	0	0
ENSMUSG Phospho2	7.186071	8.485859	8.112557	8.748326	7.615246	6.800637
ENSMUSG Arid2	12.36424	13.08587	10.93467	10.24705	11.18043	9.769878
ENSMUSG Dnah7a	0.502272	0.519237	0.278624	0.564426	0.546729	0.482388
ENSMUSG Alx1	0	0.017216	0.005542	0	0	0
ENSMUSG Trim45	1.156794	0.941104	0.692265	0.943487	0.867398	0.973131
ENSMUSG Vkorc1	33.56675	31.84911	35.64756	30.46272	30.76377	28.991482
ENSMUSG Uck1	16.52567	16.62948	18.40511	18.0021	16.7265	19.275709
ENSMUSG Plxnb2	44.15606	45.64839	41.18937	53.73842	56.1157	60.437801
ENSMUSG Fut2	0.317713	0.20585	0.220074	0.649307	0.760334	1.572132
ENSMUSG Cldn23	2.269403	3.160585	1.96955	2.41777	1.782569	1.703125
ENSMUSG Olfr378	0	0	0	0	0	0
ENSMUSG Lonp2	26.04436	26.42505	26.96804	24.1066	24.62427	23.511143
ENSMUSG Gm27029	0.066931	0.292105	0.147087	0.167554	0.167261	0.141471
ENSMUSG Rpf2	3.987447	3.991331	4.607849	5.781678	6.154212	3.969507
ENSMUSG Disp1	1.723293	2.088273	1.651119	1.931032	2.190807	2.657051
ENSMUSG Slc5a11	0	0	0.006557	0	0	0
ENSMUSG Grtp1	11.59491	9.753751	16.38818	7.130462	6.25627	4.138581
ENSMUSG Arhgap17	16.07725	15.66707	16.93786	18.04982	18.41229	17.932022
ENSMUSG Jarid2	6.218232	6.311502	6.543638	6.578598	6.307253	6.246262
ENSMUSG Acer3	4.352814	5.256119	5.251062	5.095479	5.099016	5.154901
ENSMUSG Myo7a	2.674433	2.308027	2.438615	3.022937	3.664536	3.237244
ENSMUSG Aqp8	0	0.030613	0	0.046576	0	0
ENSMUSG Lcmt1	9.528824	9.056117	9.097942	10.79244	8.564256	8.723232
ENSMUSG Dnph1	0.389178	1.113101	0.662896	0.740958	0.982096	1.271104
ENSMUSG Gm6526	0	0	0	0	0	0
ENSMUSG Itgav	11.46171	11.47429	10.4312	10.25697	10.64053	10.802744
ENSMUSG Plcb1	6.971644	6.095553	4.972934	3.669489	3.880264	2.669071
ENSMUSG Gm17669	0	0.112828	0.049773	0	0	0.01624
ENSMUSG Apol11b	0.255411	0.058011	2.701841	0.449823	0.176067	0.197872
ENSMUSG Oas1e	0	0	0	0.022803	0	0
ENSMUSG Oas1g	0	0	0	0	0	0
ENSMUSG Gm9008	0.047787	0.009837	0	0	0.020788	0.021526
ENSMUSG 1700024G	3.077743	5.259949	2.675452	7.788348	6.132185	6.760501
ENSMUSG Dlx2	0	0	0	0	0	0
ENSMUSG Slc17a9	1.024792	1.192183	0.905052	2.585039	2.926283	3.758857
ENSMUSG Xlr5b	0	0	0	0	0	0
ENSMUSG Stox1	1.451536	1.420927	1.160592	1.249212	1.28138	1.305681
ENSMUSG Krr1	9.075803	8.691506	8.683017	8.387736	7.412604	6.812165
ENSMUSG Cd209d	0.254528	0.233059	0.162135	2.138751	4.878277	3.845063
ENSMUSG Cd209a	2.742696	3.573061	2.375138	3.583359	5.396442	4.481369
ENSMUSG Tnfsf13b	3.561274	3.705397	5.053638	6.391353	8.271682	5.564619
ENSMUSG Chrna6	0	0	0	0	0	0
ENSMUSG Eif4ebp1	11.46888	13.1832	14.37996	13.69996	13.37931	11.874249

ENSMUSG Ggn	0.231407	0.165273	0.2481	0.337669	0.121869	0.371519
ENSMUSG Chrn3	0	0	0	0	0	0
ENSMUSG Cntn1	0.756469	0.782658	0.7288	1.047135	1.269646	0.500431
ENSMUSG Gabrg3	0	0	0	0	0	0
ENSMUSG Smyd1	0.390049	1.768674	0.324351	1.040682	1.106897	0.691534
ENSMUSG Ep300	20.18331	20.19556	16.89962	16.00403	17.33578	17.265578
ENSMUSG Hgsnat	12.36378	12.10277	10.91633	9.550853	9.742063	10.087752
ENSMUSG Kin	8.569226	7.198967	7.4813	6.717827	6.174228	7.001872
ENSMUSG Aldh3b3	0	0.027763	0	0.055757	0	0.045217
ENSMUSG Rsrp1	144.2752	158.1731	193.9678	137.0233	167.1595	205.04958
ENSMUSG Platr17	0.15286	0	0.217503	0.185445	0.133253	0
ENSMUSG Gm20503	0	0	0	0	0	0
ENSMUSG Esp31	0	0	0	0	0	0
ENSMUSG Kmt2d	9.97786	10.54646	9.923142	9.25969	9.078022	9.278049
ENSMUSG H2bfm	0	0	0	0	0	0
ENSMUSG Ramp2	335.4699	308.4043	368.6421	188.9263	199.7543	169.77672
ENSMUSG Olfr49	0.00989	0	0	0	0	0
ENSMUSG Ccdc81	1.245413	1.16044	0.850982	1.188425	1.538486	1.399453
ENSMUSG Neil3	0.233266	0.229889	0.401533	0.783186	1.31157	0.809177
ENSMUSG Mreg	1.042735	1.134079	0.981368	2.329485	2.437708	2.691345
ENSMUSG Adgra3	14.54625	17.00404	16.58028	12.14281	12.93209	12.110637
ENSMUSG Plp2	64.09369	67.7478	69.61769	64.69163	71.46471	77.52314
ENSMUSG Prickle3	4.22006	4.906945	4.999992	3.673752	3.496343	3.608068
ENSMUSG Sorcs2	5.828304	4.848913	4.265814	4.240417	4.566843	5.446142
ENSMUSG Ccdc22	5.193838	6.478542	7.111986	6.644393	6.230003	6.891093
ENSMUSG Ablim2	1.319044	1.367686	1.282451	1.245279	1.012078	1.413
ENSMUSG Htra3	5.253606	5.313319	4.490887	7.00317	6.62674	7.490368
ENSMUSG Trmt44	2.381599	2.412965	2.506183	1.976667	2.517219	2.703334
ENSMUSG Acox3	12.45819	11.97251	13.09742	19.23087	17.76464	20.69555
ENSMUSG Praf2	7.255841	9.015482	11.13819	11.07282	12.13301	9.906932
ENSMUSG Gpkow	15.33248	16.52388	16.00003	13.82607	13.95399	13.770997
ENSMUSG Aurkc	0	0	0	0	0	0
ENSMUSG Hmgxb4	7.629709	7.437628	7.180628	8.153381	8.220592	8.610077
ENSMUSG Bpifb4	0	0	0	0	0	0
ENSMUSG Gm20075	6.017006	6.34953	5.091224	3.946003	4.282002	6.53192
ENSMUSG Il1rap	6.277385	7.774321	5.752787	5.370533	6.73619	5.337616
ENSMUSG Anks3	12.8055	12.2316	13.9455	11.65554	11.97588	12.496619
ENSMUSG Nudt16l1	25.1014	22.24818	21.20294	16.83233	18.24213	22.008913
ENSMUSG Mgrn1	35.11649	32.69564	32.13773	34.73852	34.80518	37.342186
ENSMUSG Trp63	0.160433	0.097725	0.03079	0.284095	0.121266	0.227522
ENSMUSG Cldn1	2.808658	3.387058	3.109294	4.438778	4.89767	4.109447
ENSMUSG 4930562C	2.05484	2.269569	1.569005	2.949225	2.353143	2.426918
ENSMUSG Srl	0.627047	2.544714	0.87876	1.334344	0.980506	1.103889
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.380156	0.853015	0.410548	1.27861	1.313414	0.823146
Mus_musc Mus_musc	0.210207	0	0.301761	0	0	0
Mus_musc Mus_musc	0.10048	0	0	0	0	0.197213
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Slc7a14	0.00634	0.021663	0.00881	0.054276	0.030909	0.039251
ENSMUSG Mrpl14	57.97791	62.05529	66.77632	54.81239	49.96198	49.057934
ENSMUSG Tsga13	0	0	0	0	0	0
ENSMUSG Serpinb10	3.085934	1.188758	6.444146	1.610027	0.469917	0.444959
ENSMUSG Zcchc7	9.613257	10.27525	10.39407	9.792991	7.832218	8.185283
ENSMUSG Cbarp	6.055129	4.814926	4.156051	5.356596	4.700116	5.352252
ENSMUSG Aamdc	13.5156	14.86386	15.1169	9.007346	12.7472	11.17964
ENSMUSG Gnat2	0	0.087417	0.100013	0.214877	0.185238	0.174099
Mus_musc Mus_musc	0	0	0	0.097374	0	0
ENSMUSG Cox10	4.229288	3.348696	3.222189	3.765435	3.633872	3.734021
ENSMUSG Arhgef2	64.35832	64.03937	58.42013	47.92123	46.38094	48.489768
ENSMUSG Ash1l	16.21521	15.89139	13.06885	12.50824	13.03447	12.156813
ENSMUSG Hcn3	0.084384	0.025155	0.050867	0.073698	0.064177	0.092047
ENSMUSG Rit1	28.46756	30.4152	34.35969	25.80788	23.96151	29.242603
ENSMUSG Gm49336	14.06203	12.87637	12.00221	12.2177	11.75899	12.789904
ENSMUSG Cpocr1	0	0	0	0	0	0

ENSMUSG Smc6	17.68513	15.47243	16.28157	16.27969	14.70452	13.679299
ENSMUSG Apob	0.004048	0.016146	0.014549	0.100084	0.101787	0.172942
ENSMUSG Fam84a	2.740681	2.867136	1.769286	3.018919	2.15575	2.394731
ENSMUSG Arsg	1.470701	1.142048	1.017811	2.299979	3.055452	2.57728
ENSMUSG Hs1bp3	5.945611	5.26774	5.798523	7.970869	7.588486	8.335066
ENSMUSG Vapa	23.63241	22.99208	20.57007	17.72855	19.80716	17.079479
ENSMUSG Slc7a15	0	0.026717	0	0	0	0
ENSMUSG Trib2	24.31394	25.68634	21.4741	16.08258	16.30247	15.376346
ENSMUSG B3gnt9	5.826173	4.820231	5.959694	5.218891	4.785874	6.454304
ENSMUSG Ces3a	0	0	0	0	0	0
ENSMUSG Cldn34d	0	0	0	0	0	0
ENSMUSG Gm29776	0.255553	0.180598	0.19775	0.265185	0.149625	0.217847
ENSMUSG Cryga	0	0	0	0	0	0
ENSMUSG Gm9493	6.970458	7.036929	8.024339	11.65634	7.031917	8.581327
ENSMUSG Chuk	14.44011	13.7272	13.87687	15.07405	12.92384	12.904255
ENSMUSG Car3	10.34274	42.99884	0.875168	22.44601	6.472131	13.066583
ENSMUSG Atp13a5	0.03431	0.033264	0.071168	0.008478	0	0.022833
ENSMUSG Car1	0	0.914544	0	2.044174	0.712279	0.619365
ENSMUSG Olfr1253	0	0	0	0	0	0
ENSMUSG Olfr1254	0	0	0	0	0	0
ENSMUSG Olfr1256	0	0.050264	0	0	0	0
ENSMUSG E2f5	5.436422	6.134442	4.882188	5.240422	4.894001	4.875318
ENSMUSG Tada3	10.49085	12.08409	11.59624	9.931094	11.16928	9.510839
ENSMUSG Lrrcc1	4.006455	4.10048	3.248467	4.143109	3.780598	3.815444
ENSMUSG EglN2	37.69145	40.26176	40.06466	36.16184	37.18564	39.367589
ENSMUSG Memo1	6.234076	5.76194	6.445992	7.169497	6.618989	7.721313
ENSMUSG 0610030E2	11.38511	12.46172	12.28046	10.47095	10.27639	10.444278
ENSMUSG Gm28845	0	0	0	0	0	0
ENSMUSG Necap2	39.31121	39.42637	43.08649	40.65122	41.65358	42.701854
ENSMUSG Fbxo42	6.760465	7.390397	5.954777	6.403334	6.406326	6.635796
ENSMUSG Padi2	0.371494	0.401417	0.661732	0.548147	0.487418	0.383072
Mus_musc Mus_musc	2.398693	3.23658	0.476093	548.6819	218.1065	208.58037
ENSMUSG MglI	40.75804	43.81117	38.86097	38.80883	38.90053	40.529243
ENSMUSG Tmprss7	0	0	0	0	0	0
ENSMUSG Card10	17.49481	15.44004	16.7491	10.06065	11.95561	10.244336
ENSMUSG Gm5941	0	0	0	0	0	0
ENSMUSG Rps14	437.2151	435.7723	424.2058	504.7209	456.7083	505.37864
ENSMUSG Dctn4	23.56614	23.40094	23.09254	18.08603	18.80046	18.430832
ENSMUSG Slc27a6	1.633717	1.197185	1.346051	2.068166	1.944756	2.720731
ENSMUSG Isoc1	22.80477	21.40814	20.10766	20.60347	20.3455	18.239038
ENSMUSG Rbm22	17.38823	19.7437	18.63672	15.40185	15.96486	15.832849
ENSMUSG Ddit3	0	0	0	0	0	0
ENSMUSG Rpl18	342.6827	219.9408	252.8134	269.2695	256.4294	259.72433
ENSMUSG Pth	0	0	0	0	0	0
ENSMUSG Rgs1	0.469601	0.227989	0.859379	4.826307	4.404062	5.392531
ENSMUSG Atmin	9.767726	9.140063	8.120401	8.259185	8.323294	8.413367
ENSMUSG Kctd3	8.43438	8.016262	8.474723	7.379036	6.894377	7.452398
ENSMUSG Ush2a	0	0	0	0	0	0
ENSMUSG Ptpn14	12.92777	12.12606	10.55122	7.786947	7.72612	7.756271
ENSMUSG Cenpf	0.125523	0.156486	0.192356	0.652756	0.947203	1.12387
ENSMUSG Soat1	11.6595	11.08672	11.91288	16.9063	16.78348	18.640217
ENSMUSG Axdnd1	0.203212	0.086319	0.042386	0.158574	0.12939	0.199341
ENSMUSG Nphs2	1.15195	1.763228	1.411738	1.870394	1.646589	1.607728
ENSMUSG Smyd2	6.60813	6.679111	4.91512	5.622586	7.167097	7.993903
ENSMUSG Olfr592	0	0	0	0	0	0
ENSMUSG Egflam	18.19156	14.91703	19.32181	10.46521	10.23914	9.568517
ENSMUSG Efnb3	0.113133	0.197698	0.183213	0.141761	0.109564	0.231983
ENSMUSG Sfxn1	5.722966	6.330145	5.477222	9.842448	8.2633	7.797273
ENSMUSG S100a2	0	0	0	0	0	0
ENSMUSG Vmn1r119	0	0	0	0	0	0
ENSMUSG Vmn1r94	0	0	0	0	0	0
ENSMUSG Gm10024	0	0	0	0	0	0
ENSMUSG Olfr599	0	0	0	0	0	0
ENSMUSG Pcdhb13	0.146877	0.278256	0.225036	0.264636	0.312345	0.096214

ENSMUSG Sdk2	0.399861	0.506847	0.453248	0.270668	0.375469	0.162042
Mus_musc Mus_musc	0.15207	0.046584	0	0.582086	0	0.101278
Mus_musc Mus_musc	0.346475	0	0.06651	0.54146	0.072031	0.485685
Mus_musc Mus_musc	0.112842	0	0.398915	0	0	0.17289
Mus_musc Mus_musc	0.173565	0	0.045413	0.102913	0.040818	0.128402
Mus_musc Mus_musc	0	0.007587	0	0.04649	0.388798	0.048524
Mus_musc Mus_musc	0	0	0	0	0.589342	0.07467
Mus_musc Mus_musc	0.367755	0.457719	0.41343	0.96076	0.983089	0.40723
Mus_musc Mus_musc	0.161405	0.232746	0.264862	0.094087	0.03675	0
Mus_musc Mus_musc	0.1949	0.056181	0	0.126711	0.09108	0.084493
ENSMUSG Sprr2f	0	0	0	0	0	0
ENSMUSG Gm21891	0	0	0	0	0	0
ENSMUSG Vmn1r111	0	0	0	0	0	0
ENSMUSG Gmnn	8.08928	7.529799	7.07989	10.31462	9.003899	10.260492
ENSMUSG Acot13	20.29305	19.0558	19.1179	25.03202	21.40165	20.676121
ENSMUSG Olfr741	0	0	0	0	0	0
ENSMUSG Cdc42ep4	53.30976	56.64702	54.67541	30.35812	32.59259	28.867898
ENSMUSG Ralgapa2	12.42485	11.39963	9.833419	10.13624	10.29274	10.830648
ENSMUSG Deaf1	10.19334	11.18037	12.17425	9.033681	8.572948	8.003788
ENSMUSG Olfr1025-1	0	0	0	0	0	0
ENSMUSG Zfp708	0.006385	0.017776	0.026897	0.018078	0.035166	0.425734
ENSMUSG Zfp516	5.468178	5.036084	5.026325	5.021732	4.830928	4.996522
ENSMUSG A4galt	13.50206	13.24597	13.46549	10.36711	13.67497	8.166867
ENSMUSG Usp14	9.865256	9.128968	9.213413	8.774475	8.885354	10.022643
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.155464	0.289303	0.303769	0.341102	0.508622
ENSMUSG Gpr157	1.287516	1.35641	1.194965	1.269898	1.396497	1.758565
Mus_musc Mus_musc	0	0	0	0.342327	0	0
ENSMUSG Agpat1	27.57375	27.2652	30.27813	25.04039	25.98528	29.125087
ENSMUSG Arhgap27	22.2752	18.0417	21.79346	16.09834	17.79912	18.059811
ENSMUSG Psmc12	24.59711	24.22672	24.70745	21.75312	23.33125	22.388689
ENSMUSG Senp6	20.33142	21.34097	21.51057	19.47596	21.95361	19.225854
ENSMUSG Gm2030	0	0	0	0	0	0
ENSMUSG Flvcr2	7.059609	6.32799	5.970946	2.678835	2.581219	2.666116
ENSMUSG Exosc4	10.96782	10.85211	11.27403	10.31022	9.645905	9.33411
ENSMUSG Hexim2	2.045324	2.323588	1.819086	1.591091	1.81295	1.529674
ENSMUSG Ttll9	0.891243	0.577871	0.60602	1.238097	0.977873	0.924811
ENSMUSG Tspyl3	2.89484	2.470807	2.463212	3.802242	2.778569	3.064614
ENSMUSG Foxs1	1.135216	0.796617	1.474293	2.184427	2.352241	2.24016
ENSMUSG Sirpb1c	1.737852	1.51298	3.7178	2.800559	1.975237	1.874245
ENSMUSG Defb25	0.28301	0.181168	0	0.542839	0	0.055947
ENSMUSG Defb28	0	0	0	0	0	0
ENSMUSG Gm15056	0.141922	0.163022	0.088622	3.69988	3.766833	3.528887
ENSMUSG Rpl22	76.94368	71.77905	74.48723	80.10539	102.7226	72.73044
ENSMUSG Cd163	1.842347	2.05091	1.386979	5.43266	8.432402	5.847813
ENSMUSG Kcnab2	5.846244	4.405511	7.40845	14.23313	14.23977	15.938148
ENSMUSG Psmc2	37.31271	36.10694	38.88854	35.1536	36.26478	35.795181
ENSMUSG Xrcc2	1.74886	1.590187	1.352374	1.431341	1.816531	1.632774
Mus_musc Mus_musc	2.123575	3.625921	0.367796	24.05428	427.781	378.53445
Mus_musc Mus_musc	0.475935	1.857728	0.250317	62.24412	3.444339	15.305552
Mus_musc Mus_musc	1.951046	3.461864	1.017169	81.83952	29.06351	81.938782
Mus_musc Mus_musc	0.263827	0.118029	0.065479	6.250212	17.37553	369.14764
ENSMUSG Galnt15	0	0	0	0	0	0
Mus_musc Mus_musc	1.758774	2.428192	0.701206	390.4195	113.6968	91.730613
Mus_musc Mus_musc	0	0	0.239626	2.325088	3.388057	12.092678
Mus_musc Mus_musc	0	0.438194	0	1.363985	4.673937	0.624439
ENSMUSG Brca1	0.337185	0.302272	0.205721	0.734591	1.154996	1.127701
ENSMUSG Rnd3	6.9438	5.428194	6.666703	4.577904	4.211982	3.982598
ENSMUSG Gbp4	33.85217	26.5499	297.3884	165.6286	32.32195	47.281455
ENSMUSG Gm43302	2.115148	2.158526	30.04306	20.72371	4.147401	6.443933
ENSMUSG Gm3558	0.026581	0.03379	0	0.033194	0.027254	0
Mus_musc Mus_musc	0.173014	0.071058	0.065235	0.550066	0.422794	0.278889
Mus_musc Mus_musc	14.18434	14.37504	22.69076	18.03795	19.66316	10.819432
Mus_musc Mus_musc	0.259414	0.35309	0.823061	0.643471	0	0.598331

Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Fbrs	18.08597	14.61857	16.37274	16.27082	14.81382	14.134674
ENSMUSG Dhx29	8.021074	8.109674	8.020642	7.678045	7.448514	8.130807
ENSMUSG Tmem60	6.033891	5.147768	7.491074	7.755021	5.250173	5.207316
ENSMUSG Frmpd3	0.022161	0.031351	0.019795	0.013276	0.031115	0.06409
ENSMUSG Cox19	4.871468	5.287605	5.251644	4.694094	5.617706	4.794072
ENSMUSG Dbp	33.33029	15.85433	10.38122	6.669296	6.896501	4.690598
ENSMUSG Adora1	1.115006	1.128546	0.932499	1.134172	1.285294	1.373537
ENSMUSG Nkapd1	8.073254	7.601839	7.522816	6.997446	7.336381	6.356669
ENSMUSG Olfr847	0	0	0	0	0	0
ENSMUSG Gm3404	0	0	0	0	0	0
ENSMUSG 4930449I2	0	0	0	0	0	0
ENSMUSG Prl2c2	0	0	0	0	0.012712	0
ENSMUSG Defb10	0	0	0	0	0	0
ENSMUSG Abca6	1.047091	1.057369	0.662881	0.717617	0.689871	0.50899
ENSMUSG Defb1	0	0	0	0	0	0.098007
ENSMUSG Tceal9	85.01997	81.57207	82.05981	94.29978	97.92786	95.241334
ENSMUSG Wfdc11	0	0	0	0	0	0
ENSMUSG Ak6	24.98011	24.49795	26.86014	30.83601	27.52508	29.346794
ENSMUSG Naip6	0.571209	0.438867	0.501266	0.961537	0.832933	0.873946
ENSMUSG Naip2	3.866669	3.178251	3.385092	5.346368	6.812446	6.537045
ENSMUSG R3hdml	0	0	0	0.209328	0	0.14075
ENSMUSG Ppp1r3a	0.479379	0.935006	0.503631	0.518176	0.424822	0.39011
ENSMUSG Trim31	0.093531	0	0	0	0.024821	0
ENSMUSG Prkaa1	12.91948	12.28239	11.82951	10.76138	10.95272	10.59327
ENSMUSG Acbd4	21.48318	18.15276	19.3771	16.07283	15.95933	17.689593
ENSMUSG Smpd3	1.251935	1.613014	1.108412	1.763735	1.356297	1.896116
Mus_musc Mus_musc	0	0.075191	0	0.476804	0	0.092763
Mus_musc Mus_musc	1.45043	1.532553	1.868339	1.830164	1.826431	2.458954
Mus_musc Mus_musc	2.349134	2.6846	1.318607	2.452176	3.314703	2.741549
Mus_musc Mus_musc	0	0	0	0.038259	0	0.402336
ENSMUSG Rbsn	9.396674	8.248096	8.231124	8.106291	8.742515	8.496292
Mus_musc Mus_musc	0	0	0	0.373654	0	0.226372
Mus_musc Mus_musc	2.68647	3.564003	1.877815	1.25737	1.711423	1.758961
Mus_musc Mus_musc	0	0.14483	0	0	0.107045	0
ENSMUSG Lime1	5.811823	5.588654	7.269817	7.232822	6.451605	4.379709
ENSMUSG 4933406M	0	0	0	0	0	0
ENSMUSG Cldn8	2.41887	2.355247	1.821441	1.58461	1.65844	1.067201
ENSMUSG Cdk5r2	0	0	0	0.03264	0	0
ENSMUSG Gramd1b	4.80145	4.566803	4.836354	5.449508	5.479645	5.785898
ENSMUSG Mrps35	3.273247	3.811294	3.484805	3.632556	3.270144	3.971532
ENSMUSG Mettl11b	0.031514	0	0.048133	0.054441	0	0
ENSMUSG Tm6sf1	7.056359	8.141394	11.65961	12.7018	12.74039	13.583588
ENSMUSG Cacna2d1	5.12756	4.14585	3.697999	3.701968	3.627798	2.808887
ENSMUSG Gm2022	0	0	0	0	0	0
ENSMUSG A030014E:	0.070866	0	0	0	0	0
Mus_musc Mus_musc	0.154321	0	0	0	0.14318	0.290956
Mus_musc Mus_musc	0.304134	0.031439	0.14997	0.05897	0	0
Mus_musc Mus_musc	1.026619	1.102871	0.820023	1.06794	0.702607	0.751805
Mus_musc Mus_musc	0.278148	0.190223	0.082963	0.466016	0.341784	0.180289
Mus_musc Mus_musc	0	0	0	0.522048	0	0
Mus_musc Mus_musc	0.689757	0.744649	0.810408	1.547796	2.127431	1.126905
Mus_musc Mus_musc	0	0.144149	0.126354	0.078773	0	0.061016
Mus_musc Mus_musc	0.337933	0.236805	0.302589	0.153926	0.118281	0.215693
ENSMUSG Gm10203	0	0	0	0	0	0
ENSMUSG B4galt5	12.87631	12.41633	15.17085	14.8463	14.66312	17.317379
ENSMUSG Mbd6	13.04904	11.62061	15.29836	12.09547	12.74673	13.772409
ENSMUSG Ddit3	20.02365	22.59137	25.19934	15.80582	15.15472	17.459186
ENSMUSG Gli1	1.398389	0.927034	1.078083	1.00639	1.116517	1.375136
ENSMUSG Crygd	0	0	0	0	0	0
ENSMUSG Inhbc	0	0	0	0	0	0
ENSMUSG R3hdm2	32.0284	30.9847	27.80843	23.84847	23.7472	24.372387
ENSMUSG Pclo	0.230737	0.217948	0.114606	0.219019	0.150883	0.228146

ENSMUSG Nab2	15.29229	14.70144	15.15083	13.71229	12.19579	13.333645
ENSMUSG Akap6	0.188006	0.283768	0.097457	0.298717	0.257335	0.170404
ENSMUSG Vmn1r78	0	0	0	0	0	0
ENSMUSG Npm3	15.39476	15.58541	17.73525	17.26395	16.8658	16.347927
ENSMUSG Tas2r135	0.027365	0.040377	0.183774	0.012418	0	0.045836
ENSMUSG Cfl1	337.7968	307.6703	360.3833	351.0086	341.0625	363.65643
ENSMUSG Pgpep1	5.9697	5.993618	5.465948	4.922899	5.086019	5.451513
Mus_musc Mus_musc	0.291176	0.188526	0.473633	0.333153	0.395842	0.105707
Mus_musc Mus_musc	0.318678	0.504837	0.038336	0.503306	0.339535	0.680414
Mus_musc Mus_musc	0.098967	0.336164	0	0.282379	0.142574	0.481103
Mus_musc Mus_musc	0.126603	0.138325	0	0.380617	0	0.193726
ENSMUSG 8030462N	6.683652	8.412369	6.950584	5.628228	5.856903	5.965061
ENSMUSG Cnksr3	8.29366	9.306893	7.74856	6.211135	6.612884	6.410731
ENSMUSG Spaca3	0	0	0	0	0	0
ENSMUSG Gm609	0.026583	0	0	0	0.052084	0
ENSMUSG A830005F:	0.067462	0	0.128959	0.254604	0.069119	0.113886
ENSMUSG Ube2e3	14.99336	15.85157	15.48028	13.87626	13.70123	14.607427
ENSMUSG Lrrtm4	0	0	0	0	0	0
ENSMUSG Serp2	0.662318	0.36285	0.554819	0.77597	0.663677	0.463142
ENSMUSG Lefty2	0.03642	0	0	0	0	0
ENSMUSG Vmn1r44	0	0	0	0	0	0
ENSMUSG Vmn1r42	0	0	0	0	0	0
ENSMUSG Vmn1r43	0	0	0	0.012231	0	0
ENSMUSG Lmbr1l	8.221111	7.197449	9.500642	6.569009	6.859972	6.414782
ENSMUSG Snrnp70	60.25708	59.85012	74.42496	60.11143	54.94994	57.653279
ENSMUSG Lalba	0	0	0	0	0	0
ENSMUSG Kansl2	15.67435	13.19279	11.39237	12.34635	12.23183	15.264149
ENSMUSG 4930415O	0.261155	0.169795	0.409625	0.59284	0.684204	0.362761
ENSMUSG Adcy6	18.99487	22.12396	21.46576	17.54414	14.93656	17.161764
ENSMUSG Enah	4.4585	4.972489	3.516402	3.663494	3.918476	3.456899
ENSMUSG Wnt10b	8.538015	7.487472	7.141025	2.364659	1.683754	2.228677
ENSMUSG Wnt1	0	0	0	0	0	0
ENSMUSG Atp6v0b	88.99641	86.51965	93.9929	95.40469	92.73669	99.178648
ENSMUSG Fntb	5.991739	4.71348	4.909223	3.705873	4.649864	4.36348
ENSMUSG B230217C:	0.426756	0.613076	0.445366	0.508321	0.460621	0.827301
ENSMUSG Palmd	28.72517	28.51372	29.78246	15.12658	15.17773	14.793042
ENSMUSG Dnah12	1.43268	1.772409	0.926386	2.316088	2.742458	2.281241
ENSMUSG Brinp1	0.580134	0.424567	0.381316	1.115394	0.82605	0.953273
ENSMUSG Rnase10	0.119121	0.025292	0	0.091228	0	0.03392
ENSMUSG Slmap	28.84297	29.71777	27.2915	26.09969	27.22557	23.929083
ENSMUSG Gm49342	0	0	0	0	0	0
ENSMUSG Rnase4	170.172	174.8136	156.9323	143.626	136.2521	152.49701
ENSMUSG Arf4	78.43725	74.86183	78.19063	83.29347	85.48224	89.232953
ENSMUSG Heatr4	0.014112	0.068825	0.005839	0.017241	0.039883	0
ENSMUSG Myl6	666.784	659.5241	725.4839	619.117	596.9478	695.6096
ENSMUSG 1700092M	0	0	0.056016	0	0	0
ENSMUSG Ackr1	0	0.11132	0.067545	1.062531	0.868898	0.622573
ENSMUSG Jmjd1c	13.55138	12.86236	11.27376	13.05316	13.57409	13.338286
ENSMUSG Ambp	0	0	0	0	0	0
ENSMUSG Sdha	65.52988	68.91074	66.53944	67.08586	70.3084	70.603065
ENSMUSG Bnc1	1.655737	1.483176	1.223315	1.443667	0.75418	1.587486
ENSMUSG Btg1	21.08052	18.69309	23.46976	22.87721	22.60607	24.223147
ENSMUSG Tbc1d24	1.468804	1.458954	1.479429	1.605302	1.580067	1.594521
ENSMUSG Pdc6	37.53771	36.70893	41.95493	36.22777	37.72122	38.912018
ENSMUSG Gm156	0	0	0	0	0	0
ENSMUSG Olfr1359	0	0	0	0	0	0
ENSMUSG Tas2r121	0	0	0	0	0	0
ENSMUSG Dgkk	0.018685	0	0.024815	0.111244	0.123627	0.079518
ENSMUSG Zfp706	30.85656	32.56864	30.76454	28.90964	28.72873	28.339011
ENSMUSG Tmigdl	0.40786	0.291085	0.09021	0.193162	0	0.273372
ENSMUSG Slc6a4	4.882883	5.190944	5.171121	2.753031	2.911921	2.822071
ENSMUSG Dhrrs13	3.418683	4.095578	2.702152	2.439006	3.513568	3.567679
ENSMUSG Coro6	2.621465	2.852421	3.832737	1.234167	0.94781	0.463174
ENSMUSG 0610010K:	3.761428	3.782776	3.88577	2.562013	1.967271	2.320394

ENSMUSG Vmo1	0	0	0	0	0	0
ENSMUSG Eral1	7.366556	6.593311	6.518679	6.51757	7.664629	6.128994
ENSMUSG Sec14I5	0.445739	0.49258	0.35665	0.458753	0.353694	0.357465
ENSMUSG Adgrg5	0.703529	0.768722	2.023389	1.296409	0.811181	1.723746
ENSMUSG Gm16506	0	0	0	0	0	0
ENSMUSG Catsper1	0	0	0	0	0	0
ENSMUSG Slc19a3	1.481174	1.798126	1.414201	1.344676	1.018459	1.189912
ENSMUSG Tmco3	9.776506	9.735497	9.901392	9.896782	10.28729	9.971451
ENSMUSG Otud7b	30.65618	29.78915	27.46443	20.14414	20.79702	19.971194
ENSMUSG Vmn1r47	0	0	0	0	0	0
ENSMUSG Tmsb15a	0	0	0.180117	0	0.064312	0
ENSMUSG Hoxb7	1.122654	0.600264	0.989147	0.757799	0.964698	0.891284
ENSMUSG Bud31	34.13107	36.20774	36.44026	34.93384	35.41009	36.821262
ENSMUSG Arr3	0	0	0	0	0	0.011385
ENSMUSG Pkhd11l	2.474268	3.137064	1.339656	1.265713	0.907236	2.043979
ENSMUSG Sohlh1	0	0	0	0	0	0
ENSMUSG Akap2	162.531	158.6492	139.2507	91.57952	95.27467	84.171001
ENSMUSG Tuba8	5.049596	4.480969	5.340264	2.702751	3.156528	3.641076
ENSMUSG Mug2	0	0	0	0	0	0
ENSMUSG Gmps	4.742654	4.247541	4.134943	4.231931	4.228621	4.315185
ENSMUSG Slc33a1	11.7263	10.52022	10.44275	13.0917	13.18773	13.056446
ENSMUSG Mme	29.69932	33.05957	28.5159	24.89585	23.76226	23.9689
ENSMUSG Kcnab1	0.298822	0.319651	0.280085	0.66775	0.423898	0.698318
ENSMUSG Vmn2r1	0	0	0	0	0	0
ENSMUSG Ccn1l	22.70565	21.77149	23.66289	20.54063	17.41875	19.467558
ENSMUSG Ssr3	75.31398	72.95477	75.67226	86.47353	89.5262	85.357407
ENSMUSG Gm32717	0.024649	0.014188	0.00644	0.051349	0.037819	0.054166
ENSMUSG 1700030J2	1.077114	1.375817	1.105987	1.022057	1.099774	1.184865
ENSMUSG Hsd17b2	0.057122	0	0	0	0	0
ENSMUSG Bco1	0.240468	0.079583	0.270457	0.093409	0.030743	0.097056
ENSMUSG Pde4c	2.138922	1.615673	1.887683	2.096696	1.537283	1.343324
ENSMUSG Mphosph6	12.18107	10.51304	11.08715	8.887462	10.33695	9.589412
ENSMUSG Rab3a	18.47087	19.15659	15.94529	11.61633	13.55824	12.316088
ENSMUSG Cdh13	6.706463	6.419326	8.575195	3.282446	3.432229	3.924578
ENSMUSG Upk1b	7.396764	8.154275	5.844977	6.227555	3.540846	6.404119
ENSMUSG Lsm4	15.79994	15.3257	19.58705	22.40466	21.34116	21.358142
ENSMUSG Comp	0.063585	0.161335	0.15607	0.162204	0.164515	0.42898
ENSMUSG Gbp10	1.160874	1.057705	17.91349	9.024411	1.593576	2.410566
ENSMUSG Efcab7	4.016648	3.452528	3.637209	2.953457	3.612389	2.947678
ENSMUSG Alg6	3.223194	2.974758	2.375168	2.601704	2.960041	2.517375
ENSMUSG IOC0044D1	0	0	0	0	0	0
ENSMUSG 6430531B:	1.652212	1.106192	0.462353	1.509222	2.316677	3.278098
ENSMUSG Cenpi	0.198869	0.191177	0.246782	0.557781	0.7772	0.647648
ENSMUSG Gla	4.797997	4.58357	3.790199	9.326842	10.41523	11.039588
ENSMUSG Btk	4.338159	3.469862	4.602047	10.68396	10.02648	11.116619
ENSMUSG Grb14	19.38964	21.41017	19.21171	15.60897	16.82655	17.251118
ENSMUSG Rbm18	16.16202	16.15473	16.36395	12.67733	12.5984	13.770018
ENSMUSG 4930568D	0	0	0	0	0	0
ENSMUSG Dab2ip	34.64363	34.31238	34.05886	22.43597	22.9653	22.833126
ENSMUSG Stom	41.5288	44.29136	43.31743	36.57692	37.39822	36.639946
ENSMUSG Mrrf	5.471158	6.160462	6.441186	5.878432	5.891801	5.744878
ENSMUSG Ttll11	0.596543	0.422067	0.341787	0.396303	0.470023	0.39012
ENSMUSG Dcxr	58.42505	50.95013	43.97619	47.84463	36.49181	47.610358
ENSMUSG Snx22	6.325107	8.915051	9.633905	10.03221	9.190687	10.192684
ENSMUSG Ppl	20.80457	20.9808	18.34626	11.7747	11.32936	12.462035
ENSMUSG Morc3	11.74123	11.77402	11.7895	12.18621	10.29392	11.580834
ENSMUSG Mtmr12	9.235596	11.57905	7.825926	8.876455	9.899961	9.009994
ENSMUSG Ksr2	0.008567	0.006772	0.01031	0.233168	0.171828	0.228223
ENSMUSG Bcl7b	25.70052	26.16221	30.78774	23.45288	21.88276	22.1754
ENSMUSG Hyal4	0	0	0	0	0	0
ENSMUSG Lmod2	1.287768	4.016648	1.834616	1.295258	1.040507	0.723975
ENSMUSG Spam1	0	0	0	0	0	0
ENSMUSG Asb15	0.051622	0.160911	0.088921	0.105779	0	0
ENSMUSG Wasl	25.7886	23.48539	21.37067	17.29387	17.8912	16.178

ENSMUSG Ezh2	4.178728	4.462511	4.594052	4.951619	5.17427	6.180656
ENSMUSG Cul1	37.71624	35.76728	34.66437	31.97892	31.17211	32.51639
ENSMUSG Npcd	0	0	0	0	0	0.051844
ENSMUSG Shkbp1	9.240653	8.330104	8.276042	9.233225	8.38346	8.533339
ENSMUSG Mrps10	13.9465	10.38772	11.62904	9.716931	11.61318	11.70214
ENSMUSG Cnot6l	12.78095	13.57537	11.64519	11.99416	10.34632	10.604339
ENSMUSG Tmx4	9.179587	9.326289	8.70105	9.121972	8.777524	8.871999
ENSMUSG Sgpp1	14.02135	13.64265	13.16579	15.9813	15.06639	14.396307
ENSMUSG Esr2	1.628384	1.09024	0.936302	0.429916	0.913201	0.775005
ENSMUSG Tex21	0	0	0	0.032572	0	0
ENSMUSG Akap5	75.87185	73.65505	64.43574	51.53728	47.85951	41.429262
ENSMUSG Sult6b2	0	0	0	0	0	0
ENSMUSG Ppp2r5e	14.42265	14.12299	13.18597	11.08956	12.70086	12.44997
ENSMUSG Spata33	1.257603	1.243725	1.287947	1.265867	1.072998	2.399262
ENSMUSG Gng11	57.10345	55.71404	63.64242	43.68127	39.47436	39.66037
ENSMUSG Srsf9	22.32421	24.54446	24.4671	25.02873	27.28711	28.135532
ENSMUSG Ilvbl	9.438495	9.790499	8.005658	9.517455	8.894845	9.885806
ENSMUSG Selenbp1	475.1157	564.0099	428.1278	276.8982	309.4272	263.08247
ENSMUSG Adam25	0	0	0	0	0	0
ENSMUSG Ccr9	0.373049	0.353726	0.363946	0.683574	0.733637	0.543684
ENSMUSG Gatc	13.21787	11.96154	13.13425	11.69569	11.90052	11.115287
ENSMUSG Triap1	16.44428	18.10595	20.25479	18.57814	18.07673	16.076345
ENSMUSG Trpa1	0	0	0	0	0.010948	0
ENSMUSG Cgn	29.16662	26.93299	26.40571	18.00772	17.60294	18.836509
ENSMUSG Mtus1	62.67356	65.78384	52.85225	37.93778	41.82448	37.617821
ENSMUSG Sh3gl2	1.296415	1.042261	0.415276	0.747249	0.709137	0.738858
ENSMUSG Tmprss12	0	0	0	0	0	0
ENSMUSG Psip1	17.52744	17.96257	18.19892	18.22932	17.63392	16.958497
ENSMUSG Lipg	12.84182	11.07268	18.23108	8.97502	10.52534	8.573074
ENSMUSG Bnc2	0.959838	0.757227	0.548863	0.803262	0.78683	0.800651
ENSMUSG Glipr2	7.350246	7.526235	9.801173	16.3118	13.77343	17.187167
ENSMUSG Zfp629	5.955249	5.511897	5.349693	5.080499	5.250127	4.679389
ENSMUSG Themis3	0.021361	0.054591	0.045222	0.067924	0	0.164928
ENSMUSG Washc2	22.48564	20.46696	21.07741	19.59288	20.40847	19.69277
ENSMUSG Lhcgr	0	0.020272	0.013534	0	0	0.008093
ENSMUSG Erich4	0	0	0	0	0	0
ENSMUSG Rec114	0.352894	0.360082	0.280919	0.142392	0.407851	0.450382
ENSMUSG Amy2a5	0	0	0	0	0	0
ENSMUSG Tlr7	2.988214	2.834297	3.508172	5.006521	5.589466	4.992561
ENSMUSG 4932415D	0	0	0	0	0.003459	0
ENSMUSG Btg1-ps1	0	0	0	0	0	0
ENSMUSG Shroom2	5.791939	5.586121	4.797028	3.153103	4.533692	3.16776
ENSMUSG 3110082J2	0	0	0	0	0	0
ENSMUSG Yipf2	10.27989	11.72993	12.55235	12.7895	13.14139	11.522717
ENSMUSG Tmed1	7.05418	9.83307	9.310805	8.432882	7.47985	8.904864
ENSMUSG Scg3	0.261951	0.14583	0.102892	0.06237	0.046986	0
ENSMUSG Tmod2	6.256239	6.019824	5.797063	3.85262	3.526596	3.438118
ENSMUSG Smarca4	17.88828	18.0744	17.75281	18.62157	19.78832	20.885975
ENSMUSG Lysmd2	26.36471	21.07167	27.38113	17.62546	15.18222	13.441428
ENSMUSG Carm1	13.97946	12.62422	14.72624	12.29767	12.8982	13.316205
ENSMUSG Olfr1165-ꜛ	0	0	0	0	0	0
ENSMUSG Npy5r	0	0	0	0	0	0
ENSMUSG D17H6S53	5.768534	6.16848	5.624159	5.648783	5.758049	5.837196
ENSMUSG Mageb3	0	0.017947	0	0	0	0
ENSMUSG Cyp2c68	0	0	0	0	0	0
ENSMUSG Serf2	79.69267	95.2848	91.19513	84.36685	88.52434	97.517778
ENSMUSG Grk6	22.52326	21.275	22.79514	22.26488	20.41119	25.821334
ENSMUSG Tbx21	1.413712	1.150001	4.622115	2.215838	0.903072	1.370521
ENSMUSG Olfr1162	0	0	0	0	0	0
ENSMUSG Acss1	22.81367	23.98982	17.46888	29.70383	29.91721	31.426403
ENSMUSG Olfr1170	0	0	0	0	0	0
ENSMUSG Olfr1164	0	0	0	0	0	0
ENSMUSG Snph	0.128147	0.272194	0.161711	0.409837	0.369228	0.445594
ENSMUSG Gins1	0.992398	1.013018	1.163126	1.325372	1.551075	2.224638

ENSMUSG Nsf1c	42.38018	42.62607	44.47531	36.39756	33.22441	36.283139
ENSMUSG Olfr801	0	0	0	0	0	0
ENSMUSG Olfr933	0	0	0	0	0	0
ENSMUSG Slc25a45	7.850326	6.617965	7.089201	10.63555	9.377356	9.204735
ENSMUSG Tjp2	38.17858	38.31033	34.08995	30.02668	30.85729	32.099096
ENSMUSG Tnks2	33.17161	35.06479	31.43653	29.04554	31.13217	29.427071
ENSMUSG Il33	29.14688	33.07248	23.69706	47.23437	57.90476	62.019266
ENSMUSG Uhrf2	13.94735	14.57847	14.10598	13.5281	14.0996	13.698373
ENSMUSG Frmd8	17.35579	15.05322	15.56178	13.34518	13.86958	14.047145
ENSMUSG Trpd52l3	0	0	0	0	0	0
ENSMUSG Thnsl1	2.094192	2.471031	2.119811	2.152312	1.869922	2.519729
ENSMUSG Mcm3	8.418548	7.136435	7.478448	8.609838	9.512347	10.306013
ENSMUSG Gm9857	0	0.050877	0	0	0.080758	0
ENSMUSG Olfr922	0	0	0	0	0	0
ENSMUSG Ccdc60	0.503206	0.745399	0.382145	0.86514	0.680086	0.960537
ENSMUSG Il12b	0.23059	0.087394	0.284453	0.128759	0.254973	0.393691
ENSMUSG Fam24b	0	0	0.026836	0	0.019493	0
ENSMUSG Fam24a	0	0	0	0.046274	0	0
ENSMUSG Ptpn5	0.29529	0.127863	0.159885	0.153024	0.13208	0.125211
ENSMUSG Tacc2	28.67827	28.12634	26.34571	17.45358	15.46323	12.39912
ENSMUSG Ate1	13.85337	14.22091	13.0018	10.85307	10.68485	11.03412
ENSMUSG Ldhc	0	0	0	0.345238	0.114196	0.232451
ENSMUSG Os9	69.07659	64.20117	67.49537	68.97218	69.83653	69.263144
ENSMUSG Mybbp1a	17.2129	15.90076	15.49901	16.10697	14.32228	17.43717
ENSMUSG Gtpbp10	3.963193	3.363065	3.754023	3.491553	3.501177	3.053114
ENSMUSG Blvrb	17.04927	17.92794	18.19442	24.77755	23.75784	27.807471
ENSMUSG Oas3	1.29875	0.846507	2.828064	1.138968	0.874808	0.93215
ENSMUSG Pon2	40.14214	41.2656	42.24675	44.60665	46.0994	44.280743
Mus_musc Mus_musc	0.435075	0.36929	0.242109	0.301038	0.228546	0.15666
Mus_musc Mus_musc	1.424815	1.519514	2.187792	1.213537	0.84174	1.059489
ENSMUSG Tnni1	0	0	0.03555	0	0	0
Mus_musc Mus_musc	0.226764	0.148722	0.136246	0.857456	1.778122	0.84275
ENSMUSG Fcamr	0.898255	0.819091	0.670982	3.421426	2.598858	2.417043
ENSMUSG Tnnt2	7.008276	46.0663	10.07514	21.17915	14.43595	10.929239
ENSMUSG Pigr	9.477757	15.2785	7.15727	139.3461	163.5185	158.33418
ENSMUSG Il20	0	0	0	0	0	0
ENSMUSG Tmem9	17.15722	15.83228	13.20232	14.33272	14.41335	15.582839
ENSMUSG Pkp1	0	0	0	0	0	0
ENSMUSG Vmn1r20	0	0	0	0	0	0
ENSMUSG Khgrp	19.10132	16.82558	18.10428	18.29682	17.14676	17.772683
ENSMUSG Rtl9	0.111289	0.031471	0.047915	0.083531	0.082838	0.085271
ENSMUSG Gm5926	0	0	0	0	0	0
ENSMUSG Vmn1r169	0	0	0	0	0	0
ENSMUSG Vmn2r50	0	0	0	0	0	0
ENSMUSG Fam221a	4.573258	4.217061	5.163326	3.304119	3.253601	2.848979
ENSMUSG Ankdd1b	0	0	0	0	0.010878	0
ENSMUSG Myot	0	0	0	0.046872	0	0
ENSMUSG Man1a	12.71979	14.10258	11.31376	30.27049	29.74579	29.171851
ENSMUSG Dcp2	7.272271	7.172402	6.762282	6.884069	6.786288	6.56364
ENSMUSG Ik	48.30863	48.50062	49.4615	45.0762	43.24486	41.68026
ENSMUSG Pgggt1b	13.18289	11.59552	9.827657	12.11775	11.11993	9.765674
ENSMUSG Mybl2	0.655561	0.385202	0.598056	0.983797	1.309554	1.233634
Mus_musc Mus_musc	0.792992	1.35827	1.367941	0.936629	1.144544	0.720229
Mus_musc Mus_musc	0.395206	0.273673	0	0.222139	0.249009	0.073261
Mus_musc Mus_musc	0.514715	0.659731	0.364574	0.556957	0.359766	0.324145
Mus_musc Mus_musc	0.887711	0.27105	0.434666	0.602106	0.970555	0.560918
Mus_musc Mus_musc	0.367796	0.591722	0.36512	0.196913	0.067053	0.321773
Mus_musc Mus_musc	0.483448	0.392002	0.249685	0.481258	0.26685	0.696782
Mus_musc Mus_musc	0.249569	0	0	0	0	0
Mus_musc Mus_musc	0	0.14489	0	0.237124	0	0
Mus_musc Mus_musc	0	0	0.41537	0	0.478966	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Ndufa1	34.4387	30.48934	33.55459	54.25151	49.67443	52.563637
Mus_musc Mus_musc	0.351775	0	0.104177	0.121086	0	0

Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gm21094	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.265131	0	0	0	0
Mus_musc Mus_musc	0.334182	0	0.026637	0.047927	0.294784	0.425857
Mus_musc Mus_musc	0	0.196744	0	0	0	0
Mus_musc Mus_musc	0	0.389677	0	0.228108	0	0.116282
ENSMUSG Ethe1	5.385414	5.578552	7.380444	6.342912	7.496943	8.503968
Mus_musc Mus_musc	0.188391	0.275129	0.112124	0.411452	0.098489	0
ENSMUSG Olfr329-ps	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.143046	0.152659	0	0.184512	0
ENSMUSG Stum	0.298001	0.207295	0.339065	0.371006	0.196449	0.41191
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Vmn1r13	0	0	0	0	0	0
ENSMUSG Lgals4	1.97905	2.24752	2.489642	1.975472	1.080489	2.160665
Mus_musc Mus_musc	0.104351	0.328557	0.185296	0.999842	0.103372	0.207963
ENSMUSG Rbfox1	0.063148	0.394887	0.075003	0.076747	0	0.056682
ENSMUSG Gm20481	0	0.000572	0.00557	0	0	0
ENSMUSG Scnm1	7.666028	9.478455	9.836364	7.805302	8.284163	7.930406
ENSMUSG Scgb2b11	0	0	0	0	0	0
ENSMUSG Kcnn1	0.536045	0.326023	0.215739	0.363332	0.292655	0.387533
ENSMUSG Gm10721	0	0	0	0	0	0
ENSMUSG Olfr628	0	0	0	0	0	0
ENSMUSG Gm29735	0	0	0	0	0	0
ENSMUSG Gm4175	0	0	0	0	0	0
ENSMUSG Lamb1	18.96076	17.42751	21.05541	15.34884	16.4187	15.890298
ENSMUSG Acot12	0.106313	0.042944	0.063917	0.101576	0.016362	0.029513
ENSMUSG Cmtm2a	0	0	0	0.201514	0.074953	0.159667
ENSMUSG Slc6a8	15.09608	16.14723	15.24184	15.80025	17.40335	17.140985
ENSMUSG Apeh	15.80731	15.64043	17.32099	17.41607	17.06355	18.64785
ENSMUSG Top2b	15.05172	14.93431	14.2032	14.32832	13.40761	14.064648
Mus_musc Mus_musc	0.06372	0	0.410238	0.52237	0.415466	0.216418
ENSMUSG Kdelr2	32.32167	33.79786	35.77124	32.09662	35.06111	35.331532
ENSMUSG Fam90a1a	0	0	0	0	0	0
ENSMUSG Gm7861	0	0	0	0	0	0
ENSMUSG Gm7849	0	0	0	0	0	0
Mus_musc Mus_musc	0.134366	0.069704	0.098425	0.107173	0.189096	0.133594
ENSMUSG Gm15293	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.14189	0.105043	0.202691	0.251572	0.24174	0.267258
ENSMUSG Pifo	6.213265	7.882131	4.422406	8.769579	9.09497	9.173717
ENSMUSG Gm20911	0	0	0	0	0	0
ENSMUSG Scgb1b17	0	0	0	0	0	0
ENSMUSG Gm10192	0	0	0	0	0	0
ENSMUSG Krtap13	0	0	0	0	0	0
ENSMUSG Il17d	2.364119	3.010847	2.558972	1.803949	1.92554	2.43548
ENSMUSG Higd1c	0	0	0.136055	0	0	0
ENSMUSG Ifi2712a	30.00711	25.71965	40.3745	29.86273	19.07044	31.578194
ENSMUSG Pigm	4.940417	5.337825	4.960381	5.089108	4.716367	4.724594
ENSMUSG Olfr318	0	0	0	0	0	0
Mus_musc Mus_musc	0.73075	0.91741	0.348542	0.302605	24.81509	34.740864
Mus_musc Mus_musc	7.947328	11.47273	3.134665	187.3676	443.5475	974.33014
Mus_musc Mus_musc	0.098184	1.662374	0.351188	37.79532	3.925472	4.51475
Mus_musc Mus_musc	0.072273	0.026083	0.092387	1.762975	1.413832	1.998374
ENSMUSG Gm11032	0	0	0	0	0	0
ENSMUSG Il12rb1	0.500448	0.393319	0.695394	0.6934	0.610698	0.806936
ENSMUSG Shld2	2.449754	2.191099	1.79606	2.413528	3.070592	1.514835
ENSMUSG Svs4	0	0	0	0	0	0
ENSMUSG Smpx	0.212678	1.522066	0.157644	0.792598	0.36411	0.153968
ENSMUSG Dcp1b	4.631877	3.84344	3.247141	3.516972	3.635502	2.689036
ENSMUSG Syt15	4.893045	4.922447	10.98393	7.095538	3.722096	4.414655
ENSMUSG Matn4	27.89255	26.81838	28.09748	21.08977	21.22542	23.169492
ENSMUSG Alk	0	0	0	0.018346	0	0
ENSMUSG Tceal8	31.96439	31.84245	29.56282	27.27567	29.6369	27.98332

ENSMUSG Zfp790	6.871515	6.690054	6.993414	5.863199	6.477395	6.3955
ENSMUSG Gm10477	0	0	0	0	0	0
ENSMUSG Sdf2l1	12.75118	12.84938	19.0413	70.28274	69.63709	75.474388
ENSMUSG Ccdc116	0.162242	0.121646	0.10945	0.160348	0.17591	0.101938
ENSMUSG Serpind1	0.738824	0.965275	0.926077	3.020852	2.975813	2.372561
ENSMUSG Snap29	13.34458	15.62575	13.85397	16.69225	14.98432	15.881964
ENSMUSG Aifm3	1.03043	0.827197	0.71813	1.673319	1.151559	1.486298
ENSMUSG Ncam2	0.129897	0.156991	0.054279	0.008464	0.055802	0.045674
ENSMUSG Lztr1	27.93883	27.2647	26.63728	26.35746	28.71167	29.580506
ENSMUSG Thap7	17.4183	18.4645	18.62015	16.11255	16.6814	18.5327
ENSMUSG Zfp449	1.027734	0.795613	1.037118	0.999778	1.064716	0.970747
ENSMUSG Ube2n	17.90493	19.41543	19.17898	17.34446	18.79724	18.640349
ENSMUSG Olfr1555- ρ	0	0	0	0	0	0
ENSMUSG Ap1g2	5.801952	5.089375	6.48507	6.892226	7.021697	8.054648
ENSMUSG Cyp2s1	33.8967	39.80679	23.22127	30.44996	32.00528	33.189503
ENSMUSG Pou6f2	0	0	0	0	0	0
ENSMUSG Agmat	0	0.084667	0	0	0	0
ENSMUSG Tfcp2	4.512318	5.568224	5.161835	4.02556	3.968908	4.797
ENSMUSG 2310046Kz	0	0	0	0	0	0
ENSMUSG Ube2k	11.11271	12.00576	11.35995	11.59459	9.745319	9.595098
Mus_musc Mus_musc	0	0.391181	0	0	0	0
ENSMUSG Limd1	17.3165	16.26036	15.2599	17.32744	18.12356	18.474567
ENSMUSG Arih1	15.87679	17.36348	15.86079	15.64591	16.16991	16.888261
ENSMUSG Bbs4	4.072098	5.022497	4.376003	3.961321	3.892587	4.612995
ENSMUSG Adpgk	8.6032	7.679546	8.936641	8.406252	9.407659	9.846126
ENSMUSG Parp6	9.230192	11.1313	10.41	9.220477	8.612575	9.206135
ENSMUSG Sufu	8.247574	7.366023	7.064451	6.102549	7.032876	6.935309
ENSMUSG Hexa	45.18102	41.15976	47.09761	92.96922	96.38062	107.81735
ENSMUSG Olfr228	0	0	0	0	0	0
ENSMUSG Zzz3	6.985618	7.308823	7.025464	7.303269	6.613902	7.267277
ENSMUSG Mtg2	8.346185	8.685303	9.40329	5.984226	6.375026	7.35282
ENSMUSG Anpep	19.02322	20.35499	17.95386	53.25953	49.95142	64.457757
ENSMUSG Echdc3	3.754178	3.26638	2.100476	3.380224	2.76342	3.429088
ENSMUSG Fam173b	3.916208	5.687137	4.845525	4.26857	4.533962	6.521383
ENSMUSG Serpinb6a	85.85222	82.32776	79.38736	66.58858	66.65961	72.287189
ENSMUSG Psmc7	45.69003	50.78497	52.18097	43.20895	42.63059	42.689823
ENSMUSG Rsph9	8.117372	8.477106	7.387092	8.696485	6.760049	7.727052
ENSMUSG Mrps18a	20.73415	23.38096	24.19377	22.51474	18.01394	20.583804
ENSMUSG Calcrl	0.545006	0.456348	0.777201	0.329442	0.195176	0.410584
ENSMUSG Fbxl17	6.261772	6.100197	6.033107	5.096289	4.774422	5.358268
ENSMUSG Cyp39a1	8.170745	10.47304	6.964722	7.242236	7.981571	6.664248
ENSMUSG Enpp5	31.387	30.70706	26.16431	24.00246	22.98513	23.300185
ENSMUSG Enpp4	19.88671	20.09413	21.52471	16.31347	15.54379	14.385067
ENSMUSG D430041D	0.176442	0.14997	0.165793	0.200448	0.142051	0.183728
ENSMUSG Crip3	0.321651	0.222146	0.131929	0.285656	0.253529	0.727783
ENSMUSG Gm17677	0	0	0	0	0	0
ENSMUSG 9130204Lc	0	0	0	0	0	0
ENSMUSG Crhr1	0	0	0	0	0	0
ENSMUSG Olfr556	0	0	0	0	0	0
ENSMUSG Trim68	6.675312	6.08016	5.510611	5.960492	4.724358	5.219205
ENSMUSG Olfr557	0	0.009489	0	0	0	0
ENSMUSG Olfr561	0.05267	0	0	0	0	0
ENSMUSG Olfr568	0	0	0	0	0	0
ENSMUSG Olfr570	0	0	0	0	0	0
ENSMUSG Olfr572	0	0	0	0	0	0
ENSMUSG Olfr576	0	0	0	0	0	0
ENSMUSG Olfr582	0	0	0	0	0	0
ENSMUSG Cts7	0	0	0	0	0	0
ENSMUSG 1700030Kc	2.718678	2.331677	2.477139	2.782592	2.88152	2.872443
ENSMUSG Nup107	6.788786	6.622043	7.878046	6.665271	6.380355	6.715358
ENSMUSG Soga3	0	0	0	0	0.013644	0.047112
ENSMUSG Dido1	10.79164	11.08774	10.86466	10.34922	10.57806	10.920989
ENSMUSG Lhfpl3	0.481155	0.456835	0.175064	0.110555	0.302783	0.230129
ENSMUSG Plcl2	2.770757	2.061752	2.495613	3.616002	4.230868	4.065103

ENSMUSG Ceacam3	0	0	0	0	0	0
ENSMUSG Dand5	2.420905	2.373479	2.133032	2.01316	1.958266	1.857909
ENSMUSG Actr6	4.88495	4.391669	5.21225	4.82418	3.461418	3.789081
ENSMUSG Atp2b1	36.48285	37.7984	33.4436	29.65145	31.58073	29.722553
ENSMUSG Cdk1	0.447923	0.380154	0.485422	1.427498	1.932426	2.432458
ENSMUSG Cabcoco1	1.737767	1.753437	1.309184	2.953432	3.566824	3.019628
ENSMUSG Rhobtb1	8.658441	7.844885	5.554272	4.978958	5.067612	4.444372
ENSMUSG Arid5b	21.37445	19.0137	15.34359	12.65767	12.8153	11.44153
ENSMUSG 4930486L2	0	0	0	0	0	0.891434
ENSMUSG Olfr963	0	0	0	0	0	0
ENSMUSG Cadm2	0.605085	0.577755	0.290541	0.094486	0.077265	0.083254
ENSMUSG Magea6	0	0	0	0	0	0
ENSMUSG Cadm4	4.544775	5.118019	4.157854	4.203525	3.496875	3.385712
ENSMUSG Kih18	8.540197	8.053813	8.829809	7.177297	7.365272	7.799272
ENSMUSG Olfr313	0	0	0	0	0	0
ENSMUSG Wdpcp	3.425177	3.254304	2.50937	3.331071	3.135683	3.195278
ENSMUSG Sptbn1	330.8662	334.2255	282.9066	197.8498	213.0529	193.93953
ENSMUSG Serpinh1	103.4271	134.6156	135.1729	92.6095	101.0668	108.92571
ENSMUSG Theg	0	0	0	0	0	0
ENSMUSG Madcam1	0	0.046422	0.035293	0	0.117053	0.027705
ENSMUSG Erlec1	12.42199	12.99208	12.03448	16.53084	16.60868	15.888885
ENSMUSG Shc2	0.743371	0.635223	0.54593	0.471824	0.691931	0.624092
ENSMUSG Olfr724	0	0	0	0	0	0
ENSMUSG Dynlt1b	41.52696	43.53885	39.96785	52.65345	53.90079	48.625057
ENSMUSG Gm21093	0.061852	0.039856	0.025442	0.030326	0.03319	0.043128
ENSMUSG Ccer2	0	0	0	0	0	0
ENSMUSG Bcl11b	1.45839	1.187778	1.633436	1.329268	1.529152	2.176373
ENSMUSG Gm3106	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.171608	0	0.17068	0.043662
ENSMUSG Ddx19b	3.721697	4.178539	3.412094	3.761837	3.614913	4.083243
ENSMUSG Vps8	5.630905	5.991462	5.615976	5.378436	5.420007	5.764179
ENSMUSG Chrng	0	0	0	0	0	0
ENSMUSG Chrnd	0	0	0	0.03522	0.037414	0
ENSMUSG Efhd1	0.116227	0.412989	0.285205	0.447336	0.119729	0.214395
ENSMUSG Eif4e2	18.70721	18.62655	20.07306	20.68775	19.80444	24.17544
ENSMUSG Ngef	5.133531	4.853385	3.273661	3.821327	3.927424	3.48084
ENSMUSG Snorc	0	0	0	0	0	0
ENSMUSG Cd226	1.831359	1.881436	2.402807	2.493193	1.479935	1.537062
ENSMUSG Cct2	64.71839	67.24776	69.38932	67.59184	70.56181	68.590058
ENSMUSG Fancd2	0.349113	0.321048	0.243995	0.699544	0.679148	0.566092
ENSMUSG Cpsf1	14.55741	13.31735	15.76026	13.25877	12.53748	12.922702
ENSMUSG Pds5b	9.931859	10.20373	9.632636	8.303184	8.459874	7.712316
ENSMUSG Zfp865	6.953978	5.164219	5.53873	4.520718	4.906474	5.325885
ENSMUSG Zfp628	3.486454	3.384598	4.027231	3.260247	2.872561	3.566459
ENSMUSG Vmn1r59	0	0	0	0	0	0
ENSMUSG Hist2h3b	1.821437	0.763799	1.217601	0.722928	0.910156	1.46833
ENSMUSG Vmn1r55	0	0	0	0	0	0
ENSMUSG Olfr51	0	0	0	0	0	0
ENSMUSG Trim55	0.06275	0.586197	0.128834	0.263807	0.073526	0.081482
ENSMUSG Zfp777	10.23702	10.4568	10.75785	8.256046	8.838096	8.869368
ENSMUSG Rpp14	8.802273	8.456266	8.077951	8.054636	7.71228	7.555326
ENSMUSG Psg18	0	0	0	0	0	0
ENSMUSG Tmem52	0.159477	0.370663	0.453522	0.628207	0.564892	0.601688
ENSMUSG Olfr94	0	0	0	0	0	0
ENSMUSG Lrrc69	0	0	0	0	0.059826	0
ENSMUSG Ccnb1ip1	0.074764	0.224766	0	1.281455	0.606845	0.739329
ENSMUSG Psg29	0	0	0	0	0	0
ENSMUSG Hist1h2ad	0.098618	1.059675	1.139357	0.653409	0.817833	0.976862
ENSMUSG Atp2b2	1.920837	2.631044	0.950223	2.638099	2.777038	3.234191
ENSMUSG Far2	0.350321	0.212551	0.646194	0.473297	0.514246	0.44244
ENSMUSG Ccdc91	11.88248	13.32375	13.54279	12.64323	11.23028	12.106834
ENSMUSG Tmtc1	29.27111	27.07119	24.04277	14.56009	15.05368	13.321649
ENSMUSG Tmem100	376.1449	335.644	351.1103	174.7911	198.9335	165.20966
ENSMUSG Ergic2	11.11806	11.41254	11.85158	12.27859	11.94481	12.756624

ENSMUSG Caprin2	1.465106	1.999568	1.023629	1.069196	1.019682	1.425683
ENSMUSG Msi2	12.63263	14.94157	10.41424	12.56774	13.21182	11.942469
ENSMUSG Gata6	18.16558	14.62131	12.98431	11.02887	10.797	11.018835
ENSMUSG Heatr3	8.599358	8.99847	9.020858	9.144385	8.130305	8.164816
ENSMUSG Cbln1	0	0	0	0.040894	0.106215	0.09479
ENSMUSG N4bp1	12.48351	12.47561	13.19278	11.75606	11.59904	12.051714
ENSMUSG Triml1	0	0	0	0	0	0
Mus_musc Mus_musc	0.124833	0	0.111955	0.124002	0	0
ENSMUSG Adcy7	17.58422	14.94139	16.44962	20.87557	19.77063	23.353588
ENSMUSG Ptrh2	3.757225	3.954238	3.3661	3.033286	3.318457	3.616004
ENSMUSG Gm7489	0	0	0	0	0	0
Mus_musc Mus_musc	0.576117	1.01425	0.408587	0.771659	0.733109	0.827806
ENSMUSG Egfl7	348.2033	292.0762	341.2523	193.9183	200.48	206.95553
ENSMUSG Acnat1	0.127069	0.215971	0.06762	0.173203	0.11209	0.325121
ENSMUSG Notch1	38.84378	33.63858	34.23318	21.52686	23.49101	24.299395
ENSMUSG Agpat2	16.21589	17.06238	17.1376	16.16048	16.64498	15.492596
ENSMUSG Inpp5e	7.504837	7.706616	7.693326	6.828606	6.80173	6.228928
ENSMUSG Sec16a	13.58627	14.07663	12.26469	13.3629	14.97701	14.512837
ENSMUSG Entr1	27.15559	24.94333	28.165	22.51981	23.91698	22.674528
ENSMUSG Olfr270	0	0	0	0	0	0
ENSMUSG Card9	6.168214	5.690364	7.162056	6.299619	6.21709	6.602931
ENSMUSG 4921530L2	0	0	0	0	0	0
ENSMUSG Ppp1r1c	0	0	0	0	0	0
ENSMUSG Rnps1	15.79723	16.68736	18.40249	13.20735	13.27718	16.597887
ENSMUSG Fras1	0.891975	0.76716	0.588505	0.646153	0.471025	0.89162
ENSMUSG Prr7	0.689587	0.457591	0.743742	0.754966	0.88332	1.03044
ENSMUSG Fam171a2	2.376571	1.818095	1.637758	1.165917	1.795028	1.642672
ENSMUSG Sema3f	91.21391	86.03171	118.1381	62.25985	68.01919	58.484424
ENSMUSG Ngdn	21.01314	22.01543	24.79044	18.69296	19.62609	20.362255
ENSMUSG Sub1	18.92886	20.35663	20.36496	26.28077	23.83273	23.328402
ENSMUSG Npr3	25.7112	23.29739	17.20005	15.50776	18.38173	14.967509
ENSMUSG Golph3	56.33491	52.12917	49.15069	48.98608	50.42817	49.675062
ENSMUSG Zfr	23.93726	26.25385	21.70997	21.9408	22.3687	22.012728
ENSMUSG Efs	1.587588	1.899613	1.805393	1.992703	2.153587	1.878116
ENSMUSG Jph4	0.071605	0.101375	0.078503	0.109755	0.042922	0.127608
ENSMUSG Dhrrs2	0	0	0	0	0	0
ENSMUSG Shq1	1.689317	1.698955	1.449925	2.522749	2.230582	3.135332
ENSMUSG Hacd2	4.715427	5.599437	5.506677	5.421875	5.452968	5.338082
ENSMUSG Gm49322	0.481233	1.121019	0.37693	2.902717	0.801267	1.584388
ENSMUSG Ssx9	0	0	0	0	0	0
ENSMUSG 1810055G	6.64984	7.286071	7.175298	5.905916	6.08258	7.009452
ENSMUSG Ccl7	0.768595	0.32403	0.378155	1.435796	2.669165	2.893173
ENSMUSG Becn1	27.45227	26.85371	26.49074	30.958	25.09086	25.687631
ENSMUSG 1700020L2	12.03283	8.447721	10.72217	3.116247	7.653388	5.232808
ENSMUSG Vmn2r65	0	0	0	0	0	0
ENSMUSG Zfp747	6.184995	6.202665	6.272836	4.716611	5.182921	5.124045
ENSMUSG Btf3l4	10.56365	11.35381	10.56303	10.34572	9.496861	9.194607
ENSMUSG Zfp72	1.409115	1.648213	1.399162	1.388337	0.964208	0.992813
ENSMUSG Tm2d1	16.31688	17.37522	17.48267	17.64485	17.58152	14.832043
ENSMUSG Dapk3	19.40336	15.78925	21.61366	15.836	18.95549	19.356784
ENSMUSG Zdhhc11	0	0	0	0	0.093469	0
ENSMUSG Txndc12	34.41101	32.49749	30.74452	31.87886	32.09707	31.963362
ENSMUSG Nfia	4.178484	4.770189	3.690706	3.821121	3.389686	3.085475
ENSMUSG Ifna2	0	0	0	0	0	0
ENSMUSG Zfp319	11.02635	10.69853	10.97926	7.466197	7.719314	7.578302
ENSMUSG Pde12	3.199467	2.794536	2.802416	2.870889	3.425255	3.503544
ENSMUSG Capn13	0.228026	0.403837	0.029018	0.212561	0.208333	0.164034
ENSMUSG Spin2c	0.856367	0.578453	0.508486	0.550869	0.657378	0.314763
ENSMUSG Atg4c	5.923519	5.697785	5.643509	4.894737	5.841466	6.469115
Mus_musc Mus_musc	0.3925	0.425865	0.060653	0	0.113036	0
Mus_musc Mus_musc	0.881737	0.477692	0.81938	0.161467	0.436339	0.289885
Mus_musc Mus_musc	0.395966	0	0.861295	0.231534	0	0.274484
Mus_musc Mus_musc	0	0.884569	0.431098	0	0	0.33326
Mus_musc Mus_musc	0.579275	0.264905	0.504416	0.205566	0.276601	0.793618

Mus_musc Mus_musc	0.249599	0.204835	0	0.107028	0	0
ENSMUSG Napa	37.15972	36.10034	36.84329	34.53494	35.83793	34.928539
ENSMUSG Kptn	5.297757	6.01792	6.777449	4.157011	6.054559	5.198402
ENSMUSG Ttc39a	5.13994	6.404257	3.59085	9.402089	8.747426	8.566417
ENSMUSG Abhd14b	15.46648	15.15739	16.16469	12.42546	11.3	12.033105
ENSMUSG Hnrnpf	169.03	153.7793	199.4051	159.7592	169.3477	164.53847
ENSMUSG Svop	0	0	0.030097	0	0.029338	0.015099
ENSMUSG Malt1	5.611856	5.328045	5.704525	8.973628	9.776451	10.736609
ENSMUSG 6820408C	2.528193	2.971018	1.733215	3.753195	4.492389	4.753036
ENSMUSG Pwwp2a	6.779293	6.481911	6.231484	6.589939	5.282194	6.111972
ENSMUSG Mylk4	0.424359	1.934561	0.477967	0.782166	0.659775	0.227085
ENSMUSG Kctd21	5.634541	6.067902	6.090644	5.372616	5.214167	4.842
ENSMUSG Pp2d1	0.039426	0.069589	0.042729	0.025642	0	0.022193
ENSMUSG Olfr1033	2.516706	1.932772	1.666374	0.831443	0.733575	2.119693
ENSMUSG Olfr1499	0	0	0	0	0	0
ENSMUSG Epcam	37.36564	35.8	31.7922	34.32773	38.22006	36.908528
ENSMUSG Gm47429	0	0	0	0	0	0
ENSMUSG Ephb1	0.506536	0.318637	0.319019	0.263224	0.095686	0.130316
ENSMUSG Trak1	41.92288	44.45167	39.78847	33.9107	36.27325	37.090402
ENSMUSG Znhit6	5.072803	4.356696	4.193515	3.647281	4.145388	2.992235
ENSMUSG Cep63	6.976161	6.300332	6.070974	5.501852	6.134936	5.564619
ENSMUSG Cck	0	0	0	0	0	0
ENSMUSG Amotl2	87.45408	74.8493	82.69656	45.14413	45.95376	51.554941
ENSMUSG Lyzl4	0.065992	0.248816	0.165413	0.558314	0.147888	0.282191
ENSMUSG Usf2	39.42399	29.89424	36.61046	32.29059	33.54777	35.508177
ENSMUSG Arhgap35	16.9666	18.22657	14.55105	12.97478	13.73611	13.606182
ENSMUSG Pigb	3.669654	3.928926	3.713104	3.824939	3.987726	3.752835
ENSMUSG Olfr1176	0	0	0	0	0	0
ENSMUSG Amz1	4.354595	4.2077	4.558402	4.189649	4.497	4.524833
ENSMUSG 4933403O	0	0.07888	0.05567	0	0.036847	0
ENSMUSG Gm15737	0.043701	0.027662	0.054255	0.035861	0.036727	0.039817
ENSMUSG Rap2c	13.03342	12.35375	13.51856	12.20126	11.69953	12.278079
ENSMUSG Col4a3	36.35769	33.2883	32.05538	25.98181	25.46679	22.171585
ENSMUSG Prdm12	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	3.500511	4.004388	1.563588	2.979428	1.334189	1.648375
Mus_musc Mus_musc	0.22826	0.119117	0.126608	0.220513	0.09585	0.066597
Mus_musc Mus_musc	0.10067	0.404117	0.312731	0.094746	0	0
Mus_musc Mus_musc	0.385626	0.298414	0.064653	0.20155	0.327627	0.482741
ENSMUSG Fmn1	1.122272	1.057476	1.010834	1.877428	2.104044	2.461788
Mus_musc Mus_musc	0.404117	0.263266	0.275161	0	0	0.162495
ENSMUSG Olfr1497	0	0	0	0	0	0
ENSMUSG Krt13	0.180074	0	0	0	0	0
Mus_musc Mus_musc	2.49687	1.684783	0.956582	0.627158	0.60063	1.050828
ENSMUSG Fhad1	4.942445	6.259585	4.411298	6.764042	5.232175	6.454619
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.063485	0.316222	0.120591
Mus_musc Mus_musc	0.148039	0	0.094682	0.183458	0.136922	0.110097
ENSMUSG Fbxw26	0	0	0	0	0	0
ENSMUSG Lrrc18	1.008962	1.144699	0.715449	1.105278	1.593019	0.82824
ENSMUSG Rims1	0.0318	0	0.134772	0.025869	0.049632	0.03646
ENSMUSG Pyroxd1	4.537157	4.378009	3.932716	5.122447	3.442733	3.84911
ENSMUSG B3galt6	1.436988	1.348946	0.873014	1.288069	1.207697	1.477546
ENSMUSG Lrrc29	0.955185	0.509363	0.807158	0.407966	0.493637	0.903709
ENSMUSG Nr1h4	0.258043	0.295819	0.116568	0.112507	0.188199	0.320843
ENSMUSG Apof	0	0.034548	0.071494	0	0	0
ENSMUSG Fgfbp3	1.617367	0.966958	1.191801	0.787394	0.806823	0.844221
ENSMUSG 2810006K	4.380678	5.041686	4.999227	4.716904	4.934094	4.945293
ENSMUSG Cdc2	0	0	0	0	0	0
ENSMUSG Ctnnbl1	10.55891	12.48784	10.43376	10.57989	11.45941	10.680841
ENSMUSG Ghrh	0	0	0	0	0	0
ENSMUSG Rpn2	78.17566	74.745	76.83827	83.7591	88.72224	91.343143
ENSMUSG Rbl1	4.222238	4.544231	4.818607	4.975781	5.342676	4.738667
ENSMUSG Src	15.95612	15.54822	15.43909	17.34839	17.18108	18.646176

ENSMUSG Olfr869	0	0	0	0	0	0
ENSMUSG Rnf207	0	0.226277	0.069289	0.226179	0.087334	0.061995
ENSMUSG Pip	0	0	0	0	0	0
ENSMUSG Clcn3	11.94257	13.01718	10.79171	13.19656	12.71192	11.437042
ENSMUSG Clcn5	2.61976	2.797681	1.422507	4.056624	3.276848	4.241523
ENSMUSG Zfand6	22.77026	23.46218	24.02571	23.62162	23.38577	22.951595
ENSMUSG Crls1	6.698034	7.215275	5.577395	7.657268	6.657241	7.413161
ENSMUSG Ofcc1	0	0	0	0	0	0
ENSMUSG Tmem198l	5.176463	4.344018	5.606253	5.081972	4.310686	4.038312
ENSMUSG Lce1k	0	0	0	0	0	0
ENSMUSG Gm15128	0	0	0	0	0	0
ENSMUSG Rnf31	12.03107	10.45116	14.91081	11.21054	8.89784	9.583728
ENSMUSG Nqo2	6.671019	7.272475	5.75406	7.431724	7.354651	7.594387
ENSMUSG Mageb16	0	0	0	0	0	0
ENSMUSG Adck2	5.391861	5.196183	4.621704	4.102648	3.947634	4.349799
ENSMUSG Rpl38	103.0448	102.3918	92.4907	127.6642	76.81897	107.62361
ENSMUSG Usp17ld	0	0	0	0	0	0
ENSMUSG Chgb	0.109731	0.254272	0.135951	0.094248	0.079583	0.03314
ENSMUSG Bcl2	3.755828	3.254321	4.265679	3.738691	3.399394	2.942388
ENSMUSG Aloxe3	0.271241	0.302945	0.208386	0.325322	0.190217	0.187176
ENSMUSG Gdf1	0.007064	0.03888	0.481839	0.330868	0	0.010486
ENSMUSG Gm21788	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.293791
ENSMUSG Olfr866	0	0	0	0	0	0
ENSMUSG Dpp6	0.329752	0.340488	0.16797	0.309921	0.535584	0.299791
ENSMUSG Nlgn2	6.254429	6.351905	9.118267	5.939864	7.019833	6.983582
Mus_musc Mus_musc	0.826982	0.743848	0.621844	0.712542	0.584672	0.645751
ENSMUSG Muc15	0	0.024084	0.044561	0.012157	0	0
ENSMUSG Mpped2	0.754635	0.636201	0.77961	0.516122	0.652571	0.624991
ENSMUSG Pls3	93.10173	94.69614	85.26299	62.62192	60.56049	66.337564
ENSMUSG Lin52	9.013065	10.51026	9.683174	6.657327	7.147406	5.98848
ENSMUSG Zfp703	21.03279	19.10112	18.81618	16.52484	16.69513	17.360874
ENSMUSG Krtap4-1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.331867
ENSMUSG Gm11007	5.024628	4.248559	4.241936	2.294643	3.20294	4.60497
ENSMUSG Gm21897	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.324311	0	0	0	0
ENSMUSG Scoc	17.45401	18.85979	17.62772	12.8593	14.47817	14.125507
Mus_musc Mus_musc	1.084109	3.815323	0.809572	2.326223	1.184294	2.350504
Mus_musc Mus_musc	0.60531	0.393204	0.317655	0	0.324053	0
Mus_musc Mus_musc	1.693659	1.20417	1.564422	0.417567	0.767454	0.730165
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0	0.291557	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.069803	0
Mus_musc Mus_musc	0.821856	0.942301	0.469125	0.564786	0.645218	0.708473
Mus_musc Mus_musc	0	0	0.337872	0	0	0
Mus_musc Mus_musc	0.93364	0.312195	0.599068	0.111135	0.266614	0
ENSMUSG Gm20865	0	0	0	0	0	0
ENSMUSG Pdzd4	0.852517	1.060307	0.753182	0.915207	1.211056	1.055615
ENSMUSG Srpk3	0.900916	0.792502	0.595668	1.552969	0.972383	1.111998
ENSMUSG Gm8232	0	0	0	0	0	0
ENSMUSG Gm8206	0.109562	0.165551	0.128543	0.068385	0.118287	0.071757
ENSMUSG Gm8108	0	0.022269	0	0.066199	0.031322	0
ENSMUSG Gm6665	8.367399	8.571342	7.452835	5.43362	5.347506	6.126691
ENSMUSG Nyap1	0.785152	0.371051	0.395714	0.275064	0.474974	0.644327
ENSMUSG Gm28171	0	0	0	0	0	0
ENSMUSG Slc38a11	0.142265	0.101656	0.052911	0.21389	0.294275	0.162217
Mus_musc Mus_musc	0.152128	0.141913	0.133734	0.327657	0	0.158074
Mus_musc Mus_musc	0	0	0.324877	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.567921	0.31612	0.150696	0.232498	0.187811	0.069734
Mus_musc Mus_musc	0.208655	0	0	0.798881	0.647892	0.41188
Mus_musc Mus_musc	0	0	0	0.145177	0	0.100244

ENSMUSG Olfr897-ps	0	0	0	0	0	0
Mus_musc Mus_musc	0.117032	0.234345	0	0	0	0.165844
Mus_musc Mus_musc	0.693921	0.953889	0.983297	0.860912	0.688671	0.757772
ENSMUSG Taar8b	0	0	0	0	0	0
ENSMUSG Tdrd9	0.040938	0	0.006183	0.03463	0	0
ENSMUSG Tusc1	2.506264	3.180186	2.437525	2.522854	2.827968	3.313476
ENSMUSG Mill1	0	0	0	0	0	0
ENSMUSG Ndst1	66.5024	65.41874	59.12068	51.67807	47.635	50.425236
ENSMUSG Gm13695	0	0	0	0	0	0
ENSMUSG Vmn1r215	0	0	0	0	0	0
ENSMUSG Psemb9	28.80992	26.98396	88.70608	61.83975	31.98224	43.259582
ENSMUSG Gm28551	0.112631	0.14501	0.221095	0.101982	0.080036	0.072832
ENSMUSG Il22ra1	0.548047	0.764999	0.192018	0.896363	0.834629	0.679263
ENSMUSG Zfp276	7.638804	7.244537	7.729234	7.054002	7.799859	7.444773
ENSMUSG Ndufc1	6.187875	6.671868	6.266057	7.521358	7.257958	7.839903
ENSMUSG Vps9d1	6.996361	7.437384	7.857044	6.966448	6.96615	6.353168
ENSMUSG Lrrc20	4.108452	4.39899	4.533803	5.142589	4.626876	5.525415
ENSMUSG Tmem129	9.826093	10.6557	10.2849	8.880367	10.4179	10.972926
ENSMUSG Peg10	0.598248	0.85039	0.805101	0.596163	0.536079	0.537715
ENSMUSG Gm2244	0	0	0	0	0.009297	0
ENSMUSG Vmn2r59	0	0	0	0	0	0
ENSMUSG Wee2	0	0	0	0	0	0
ENSMUSG Kyat1	6.080074	6.408741	5.076202	5.77333	4.441296	5.637417
ENSMUSG Mrpl12	20.73282	22.33035	21.08369	21.89186	21.15901	24.903004
ENSMUSG Vasn	19.32105	15.51007	19.18862	11.51834	11.09569	12.280386
ENSMUSG Ssxb3	0	0	0	0	0	0
ENSMUSG Fpr3	0	0	0.041542	0	0	0
ENSMUSG Ssxb8	0	0	0	0	0	0
ENSMUSG Ssxb6	0	0	0	0	0	0
ENSMUSG Ssxb1	0	0	0	0	0	0
ENSMUSG Gm14459	0	0	0	0	0	0
ENSMUSG Tcte3	0.379795	0.285768	0.263929	0.120947	0.395564	0.370721
ENSMUSG Cd209b	0.952848	1.190918	0.486924	1.230221	2.103891	1.523679
ENSMUSG Mrpl32	5.226778	5.613149	6.272079	5.263026	5.27998	5.427757
ENSMUSG Pma2	24.55451	23.63241	28.16249	26.60247	24.50509	25.510365
ENSMUSG Acot3	0	0	0	0	0	0
ENSMUSG Acot2	5.542637	4.41595	5.094514	3.464459	4.441368	4.492214
ENSMUSG Numb	43.74292	43.45411	47.14306	27.54099	30.19405	27.833656
ENSMUSG Papln	0.539886	0.538971	0.353132	0.490572	0.17017	0.611315
ENSMUSG Dcaf4	2.997209	2.514053	2.670055	2.255007	2.368558	3.367631
ENSMUSG Dpf3	0.57345	0.372622	0.49552	0.27624	0.705482	0.560007
ENSMUSG Gm3127	0	0	0	0	0	0
ENSMUSG Vmn2r56	0	0	0	0	0	0
ENSMUSG Nxf7	0	0.10262	0.019443	0.085566	0	0
ENSMUSG Rtca	15.08654	15.06997	14.42344	14.98688	13.75034	14.658147
ENSMUSG Krtap26-1	0	0	0	0	0	0
ENSMUSG Mrpl33	33.1619	26.63594	34.19807	35.39481	31.23984	30.502086
ENSMUSG Obp2a	0	0	0	0	0	0
ENSMUSG Slc2a7	0	0	0	0	0	0
ENSMUSG Gm5072	0	0	0	0	0	0
ENSMUSG Btbd35f27	0	0	0	0	0	0
ENSMUSG Gm17521	0	0	0	0	0	0
ENSMUSG Gm21900	0	0	0	0	0	0
ENSMUSG Gm21679	0	0	0	0	0	0
ENSMUSG Rab31	22.20566	19.99748	18.04706	21.04664	19.71415	21.356364
ENSMUSG Nppb	0	0.102346	0	0	0.124302	0
ENSMUSG Dpysl2	17.9898	19.47502	20.87706	9.797398	10.87261	9.056116
ENSMUSG Trim35	45.70823	40.00143	38.93163	32.28408	35.63189	33.235106
ENSMUSG Orc5	7.087211	8.0769	8.042743	7.405354	6.069396	6.844611
ENSMUSG Chrna2	0	0	0	0.027077	0	0
ENSMUSG Dnajc2	10.70655	9.564843	9.466486	11.73584	10.843	11.581826
ENSMUSG Slc26a5	0	0	0	0.035132	0	0
ENSMUSG Clcn6	5.869193	5.725902	6.076959	4.149948	4.711018	4.92737
ENSMUSG Pmpcb	21.12786	22.09544	22.96307	21.42874	21.26813	22.197564

Mus_musc Mus_musc	0.724532	0.113628	0.842048	0.25447	0.435211	0.224612
Mus_musc Mus_musc	0	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0.053954	0	0.12169	0.319858	0.325653
Mus_musc Mus_musc	0	0	0	0.351413	0.132766	0.045891
ENSMUSG Asic3	0.053477	0.048383	0.08187	0.06076	0.09853	0.099896
ENSMUSG Fau	463.356	480.1238	521.4982	551.4989	483.258	541.51669
ENSMUSG Manba	7.318293	7.089041	7.554946	8.576065	9.103206	10.39903
ENSMUSG Iffo1	5.078081	3.652204	5.60204	4.568574	3.992483	4.1938
ENSMUSG Nbas	5.687067	5.109964	5.005154	5.289475	5.751397	5.951553
ENSMUSG Tspan13	174.3927	168.2232	172.516	119.0565	123.5725	104.86573
ENSMUSG Sypl	51.19771	44.82005	43.14219	42.10612	36.01396	42.550348
ENSMUSG Pdia6	85.7231	95.23952	111.6637	153.3001	161.826	165.37503
ENSMUSG Nampt	22.02453	24.00402	27.21532	21.33732	20.5954	19.947672
ENSMUSG Nop2	7.425037	7.137858	6.981723	7.458012	6.871996	8.762975
ENSMUSG Eif4g3	19.7683	17.95948	18.43313	19.64716	18.76899	21.460421
ENSMUSG Hspg2	20.67679	15.36392	17.90017	14.33665	15.69795	16.272185
ENSMUSG Alpl	13.14358	11.34607	15.10522	9.475562	10.86252	11.350194
ENSMUSG PscA	0	0.053829	0.033591	0.403475	0	0.218025
Mus_musc Mus_musc	0	0	0	0	0.312337	0
ENSMUSG Lynx1	5.637634	6.87127	5.168068	6.363877	5.107983	6.355364
ENSMUSG Lypd2	10.00562	23.19617	7.88237	39.34046	33.23524	39.776329
ENSMUSG Slurp1	0.802254	1.564349	0.803115	0.666596	0.288883	0.973926
Mus_musc Mus_musc	0	0.453734	0	0	0	0
Mus_musc Mus_musc	0.156625	0.050879	0	0	0.466123	0
Mus_musc Mus_musc	1.030015	1.236886	1.050865	1.047164	0.859517	0.997497
ENSMUSG Srrm4	0.030475	0.024455	0.073781	0.006684	0	0.010994
ENSMUSG Gm12258	1.97709	2.118172	2.019129	2.60575	2.138267	2.581777
ENSMUSG Noxred1	0.439122	0.32002	0.172469	0.71343	0.318627	0.258048
ENSMUSG Gas2l2	0.870348	1.109371	0.515741	1.344325	1.13564	0.974705
ENSMUSG Cdc27	9.085218	9.174958	8.179717	8.630927	8.993437	8.841072
ENSMUSG Rasl10b	1.100692	1.356597	1.840082	0.964582	0.800035	1.12071
ENSMUSG Mmp28	17.27697	16.11425	15.2793	8.952911	10.94876	9.708375
ENSMUSG Gsto1	36.07179	44.27538	31.14604	80.271	74.04466	81.252556
ENSMUSG Taf15	23.97592	22.9041	28.43186	23.71454	22.47428	23.482824
ENSMUSG Ace	463.9804	425.7879	503.5069	254.7606	289.9352	271.84213
ENSMUSG Col17a1	0.52502	0.471411	0.480947	0.342172	0.300652	0.256635
ENSMUSG Sfr1	42.22487	39.77207	40.99058	34.81828	36.87461	33.492664
ENSMUSG Sik	30.26556	30.69842	28.93627	24.01212	26.18817	22.651726
ENSMUSG Itgb3	3.89042	3.975491	3.871351	4.778103	4.449565	4.723882
Mus_musc Mus_musc	0.294253	0.078237	0.163448	0.157578	0	0.112195
Mus_musc Mus_musc	1.201649	1.014967	0.611527	0.473647	0.607962	0.167109
Mus_musc Mus_musc	0	0	0	0.386999	0	0
ENSMUSG 1110032A	8.021737	8.522999	7.939132	9.540306	8.803125	9.031257
ENSMUSG Snn	28.32055	23.00749	24.14662	28.16531	25.93689	24.00458
ENSMUSG Itprid1	2.801729	2.79393	1.580299	3.445657	3.190638	2.950532
ENSMUSG Muc5ac	0.070914	0.149152	0.016529	9.383208	8.47668	10.851994
ENSMUSG 6430571L1	0.148964	0.043758	0.118561	0.174083	0.092089	0.112964
ENSMUSG Ccdc92	12.018	10.83628	9.97279	7.476226	7.30297	7.509566
Mus_musc Mus_musc	0.631358	0.426883	0.315693	0.612568	0.972638	0.765589
ENSMUSG Fam117a	16.91617	17.17551	16.45527	15.58288	14.12198	16.088156
ENSMUSG Prl3b1	0	0	0	0	0	0
ENSMUSG Irs2	11.65423	7.901156	6.959566	6.176899	7.286405	6.336438
ENSMUSG Zfp653	5.964967	5.412359	5.540845	5.443039	4.677255	4.908405
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.91933	1.093575	0.759526	0.595983	0.599078	0.618002
ENSMUSG Loxl1	13.12627	11.39083	12.96046	18.32123	15.96684	22.102377
ENSMUSG Nptn	76.17273	83.61492	99.98987	70.13647	72.04645	78.875111
ENSMUSG Cox7a2	48.16148	54.46883	55.30541	54.68462	55.45131	56.938564
ENSMUSG Stoml1	8.133796	8.09408	7.968064	7.977556	7.372957	8.465173
ENSMUSG Col12a1	4.711406	3.826897	4.179485	1.375931	1.515514	1.622874
ENSMUSG Thbs2	0.694552	0.551639	0.765787	1.027684	0.7722	0.888249
ENSMUSG Smoc2	5.20009	6.661803	4.584717	4.206093	3.867441	4.292489
ENSMUSG Hcn4	0.1888	0.149214	0.066271	0.1807	0.110069	0.125842
ENSMUSG Phf10	17.17899	19.84629	18.76234	16.99187	18.07245	17.087859

ENSMUSG Zfp54	1.563706	1.959103	1.663767	2.051146	1.777099	1.721336
ENSMUSG Zfp213	2.813051	3.432606	2.895595	2.784906	2.557532	2.987232
ENSMUSG Slc25a16	10.49224	9.725426	8.922009	9.245486	9.161697	8.846738
ENSMUSG 2210408I2	1.253782	1.30656	0.90168	1.006673	1.091516	1.085448
ENSMUSG Prm3	0	0	0	0	0	0
ENSMUSG Dusp13	0.16605	0.148003	0.159461	0.539761	0.170323	0.388164
ENSMUSG Zfp937	1.324601	1.111943	0.997191	0.855738	1.119865	0.907806
ENSMUSG BC067074	1.964217	1.928038	1.380257	1.029333	1.09824	1.043575
ENSMUSG Gpx8	27.88664	24.59012	26.24292	22.98591	20.524	22.346428
ENSMUSG Olfr384	0	0	0	0	0	0
ENSMUSG Tmc2	0	0	0	0	0	0
ENSMUSG Kat6b	5.610804	5.817303	5.023535	5.101083	4.876976	5.342199
ENSMUSG Ndufs4	12.73498	12.91694	14.75117	16.42	12.67939	13.140854
ENSMUSG Fst	2.013377	2.489841	2.488412	6.74643	9.166897	10.818756
ENSMUSG Gm15023	0.005085	0.004173	0	0.016929	0.018703	0.140356
ENSMUSG Cfap300	2.22874	2.473843	1.564941	2.475904	3.255507	3.207005
ENSMUSG BB014433	0	0	0	0	0	0
ENSMUSG Senp3	25.81805	24.84818	25.30915	22.61706	20.82906	22.707022
ENSMUSG Ndnf	14.435	11.81356	14.82059	9.166444	8.254321	10.430264
ENSMUSG Shbg	0	0	0	0	0	0
ENSMUSG 4930595M	0	0	0	0	0	0
ENSMUSG Cyp2c38	0	0	0	0	0	0
ENSMUSG Cdv3	21.36751	22.30598	22.54273	24.43715	23.69766	24.361308
ENSMUSG Srxn1	7.847638	6.942544	7.482033	9.476763	9.100189	10.765495
ENSMUSG Alox12b	0.023204	0	0	0	0.046078	0.018563
ENSMUSG Slc10a3	7.062145	7.003909	6.40732	7.523046	8.752685	7.692952
ENSMUSG Rmdn2	16.54553	18.69124	17.26259	13.21644	13.73558	13.076775
ENSMUSG P2ry13	1.744349	1.8663	1.965487	1.235597	1.507201	1.240707
ENSMUSG D16Ertd47	6.986651	5.664192	7.01243	6.270163	5.329173	5.292701
ENSMUSG Cxadr	27.223	27.51035	20.58206	20.57964	18.43321	21.99183
ENSMUSG Usp25	23.28641	23.45638	24.75552	19.98219	18.86786	18.419474
ENSMUSG Chodl	0	0.121926	0	0.047365	0.05899	0.170817
ENSMUSG Dgkg	0.680771	0.734077	0.93285	1.614872	1.06748	1.179379
ENSMUSG Btg3	48.06346	46.65135	48.09803	35.40856	36.71488	36.762483
ENSMUSG Ahsg	0.226043	0.025372	0	0.27275	0.485727	0.570059
ENSMUSG Dmpk	12.55549	13.4343	13.37446	12.09762	12.70027	12.544161
ENSMUSG Qpctl	4.77145	4.456803	4.892638	5.997923	6.150002	6.254493
ENSMUSG Gipr	0	0	0.01532	0.025469	0	0
ENSMUSG Rtn2	9.25276	10.52069	9.58328	9.791165	8.872406	10.789054
ENSMUSG Ercc2	8.250471	7.268181	7.928632	7.354383	7.439472	6.894377
ENSMUSG Vasp	50.40902	50.83975	59.93023	59.82385	53.92676	57.822227
ENSMUSG Ppm1n	0.097781	0	0.038544	0.049206	0.032512	0.141283
ENSMUSG Rnf186	28.90836	20.70227	20.1874	14.41729	12.38119	13.527734
ENSMUSG Etv1	2.447045	2.213908	2.088517	1.690712	1.767781	1.427088
ENSMUSG Smox	10.89178	13.01419	12.80641	10.4786	10.72488	11.296656
ENSMUSG lvd	21.71113	22.34709	20.63126	15.64737	18.14431	16.806547
ENSMUSG Knstrn	1.127295	0.851418	0.579656	1.406633	1.992116	2.305412
ENSMUSG Cdc25b	8.806522	8.456127	8.205351	7.513508	8.745693	8.632814
ENSMUSG Olfr1496	0	0	0	0	0	0
ENSMUSG Adra1d	1.207104	1.017352	1.255323	0.641266	0.571776	0.344319
ENSMUSG Arxes1	5.442776	7.878116	5.705572	4.943508	2.511264	2.033316
ENSMUSG Rassf2	9.265703	10.9635	9.733331	11.60823	11.62326	12.233373
ENSMUSG Prnd	0.46925	0.044375	0.182292	0.645429	1.326361	1.092114
ENSMUSG Gm17660	0	0	0	0	0	0
Mus_musc Mus_musc	0.257941	0.159912	0.154103	0.094927	0.267257	0.182854
ENSMUSG Gm11639	0	0	0	0	0	0.013511
ENSMUSG Gpr161	0.619419	0.457936	0.464515	0.591837	0.529143	0.455366
ENSMUSG Pcdhb15	0.440575	0.518239	0.347945	0.56417	0.535682	0.456158
ENSMUSG Vmn1r68	0	0	0	0	0	0
ENSMUSG Trip13	0.338003	0.433226	0.401896	0.384331	0.743609	0.64732
ENSMUSG Olfr331	0	0	0	0	0	0
ENSMUSG Col13a1	12.18622	13.03763	15.15843	11.97601	10.87337	9.528475
ENSMUSG Olfr97	0	0	0	0	0	0
ENSMUSG Cog4	16.87012	19.20667	17.42306	15.46718	17.8177	17.907678

ENSMUSG Ii34	11.5296	10.95611	12.92537	7.90684	9.214939	9.71395
ENSMUSG Amfr	52.09102	48.66446	49.21162	42.30955	44.31849	45.647383
ENSMUSG Cenpn	0.691824	0.678822	0.893604	0.838486	1.344258	1.263624
ENSMUSG Mt4	0	0	0	0	0	0
ENSMUSG Nudt21	9.334082	10.36131	9.865905	10.21028	8.886413	9.66918
ENSMUSG Bbs2	5.602926	5.928358	4.411445	4.203819	3.985857	4.059311
ENSMUSG Cdy12	2.190789	3.072873	2.78601	2.712443	2.760972	2.977155
ENSMUSG Npff	0.873545	0.717655	1.771936	0	0.291671	0.50548
ENSMUSG Pcnp	51.83242	53.29537	50.37743	42.73508	38.83981	38.265303
ENSMUSG Map3k12	3.731259	3.974599	3.724233	3.827018	3.851321	3.816757
ENSMUSG Gprin2	0.010569	0.046633	0.023185	0.049899	0.047169	0.050965
ENSMUSG Fabp2	0	0.08459	0	0	0	0.156129
ENSMUSG Calcoco1	57.63506	56.46071	50.82168	40	41.59362	37.81229
ENSMUSG Nbeal1	9.451877	10.02737	9.054657	6.500981	6.437298	6.27716
ENSMUSG Dmap1	10.88343	8.891111	11.38167	8.448673	7.36183	9.416845
ENSMUSG Mcu	7.427327	7.302792	5.97897	6.217215	5.628741	6.620906
ENSMUSG Pla2g12b	0.155113	0.056575	0.221738	0.054709	0.15127	0.161733
ENSMUSG Olfr1426	0	0	0	0	0	0
Mus_musc Mus_musc	1.839232	1.814106	2.507306	2.260504	1.102374	1.719847
Mus_musc Mus_musc	0	0	0	0	0.053611	0.184198
Mus_musc Mus_musc	0	0	0	0.223575	0	0
Mus_musc Mus_musc	0.047958	0.340571	0	0.109859	0	0.493035
Mus_musc Mus_musc	0.188478	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.285762	0	0.151683
Mus_musc Mus_musc	0	0	0.058522	0.372419	0	0.191827
Mus_musc Mus_musc	1.241338	1.179873	1.04456	1.202257	0.719569	0.832076
ENSMUSG Ankle1	0	0.074554	0.130103	0.283184	0.401977	0.515833
Mus_musc Mus_musc	0.752258	0.846911	0.853498	0.930852	1.102596	0.58745
Mus_musc Mus_musc	0	0	0	0.307588	0	0
Mus_musc Mus_musc	0	0	0.098483	0	0	0.235808
Mus_musc Mus_musc	3.062247	3.606497	2.932928	2.68466	2.674471	2.44255
Mus_musc Mus_musc	10.30882	9.332687	13.07284	8.960376	8.57408	7.169392
Mus_musc Mus_musc	0	0.148409	0	0	0.241053	0
Mus_musc Mus_musc	0.055993	0.169523	0.302521	0	0	0
Mus_musc Mus_musc	0.319216	0.122012	0	0	0	0.22188
Mus_musc Mus_musc	0.407573	0.430718	0.080501	0.64392	1.10722	1.089156
Mus_musc Mus_musc	0.286586	0	0	0	0	0
Mus_musc Mus_musc	9.245502	9.22354	8.25183	7.34056	7.479037	7.362681
ENSMUSG Scyl2	8.725323	9.011124	8.602276	8.660401	9.365605	8.495912
ENSMUSG Gm20715	0	0	0	0	0	0
ENSMUSG Htr3b	0	0	0	0	0	0
ENSMUSG Hscb	13.42477	11.31224	13.54815	16.08989	14.20629	13.321286
ENSMUSG Fat4	2.600598	3.402783	2.370942	2.345205	2.783082	2.427419
ENSMUSG Rai2	3.095493	2.878806	2.256651	2.645833	3.40219	3.21539
ENSMUSG Olfr700	0	0	0	0	0	0
ENSMUSG Tmem45a2	0.075261	0.022697	0	0.040885	0.017679	0.062215
Mus_musc Mus_musc	0.136675	0.113976	0	0	0	0
ENSMUSG Gcfc2	1.258674	1.038397	1.166815	1.034589	1.06875	1.114161
Mus_musc Mus_musc	0.167289	0	0	0.30964	0	0.096731
Mus_musc Mus_musc	0.604527	0.823672	0.764989	0.653208	0.560563	0.719446
ENSMUSG Wdr78	2.904741	4.296312	2.448971	4.035021	4.560689	4.192638
ENSMUSG Neil2	0.396112	0.448302	0.467897	0.38343	0.455715	0.65552
ENSMUSG Urad	0	0	0	0	0	0
ENSMUSG Nudcd1	3.521489	3.493693	3.490257	3.934669	3.710385	3.712533
ENSMUSG Gm9837	0	0	0	0	0.079172	0
ENSMUSG Casc3	17.82212	17.25057	18.11942	15.71331	14.37297	15.676484
ENSMUSG Gm10974	0	0	0	0	0	0
ENSMUSG Mup18	0	0	0	0	0	0
ENSMUSG Mup16	0	0	0	0	0	0
ENSMUSG Mup20	0.101715	0	0	0	0	0
ENSMUSG Mup19	0	0	0	0	0	0
ENSMUSG Fam174b	54.40167	47.46643	50.11378	32.83022	33.98696	36.15683
ENSMUSG Nmrk2	0	0.190265	0.054672	0.122675	0	0
ENSMUSG Map2k1	31.35317	29.41905	30.71635	30.01203	28.55007	30.90847

ENSMUSG Sgta	34.18375	33.3129	34.91204	28.60369	32.87963	33.836166
ENSMUSG Pias4	10.82908	8.540606	11.04313	9.424239	10.91264	9.687835
ENSMUSG Matk	0.946966	0.374224	0.750079	8.956588	6.971953	8.405045
ENSMUSG Apba3	16.8766	17.7499	17.13823	15.47512	15.93387	16.941818
ENSMUSG Asxl3	0.009388	0.058652	0.008117	0.017838	0.026048	0.042358
ENSMUSG Hs6st1	13.00286	13.25168	12.76383	14.60374	14.11237	16.58429
ENSMUSG Vcpip1	7.78584	7.236952	6.849148	6.502124	6.711953	6.878107
ENSMUSG Nudt18	6.449547	7.057983	7.050098	7.201478	6.228296	5.879557
ENSMUSG Cldn18	233.9617	221.8205	190.6365	131.1126	141.4836	141.89494
ENSMUSG Mras	5.607974	5.683698	5.705984	4.51646	4.408808	5.430351
ENSMUSG Cdc25a	3.638485	3.383424	3.475991	4.401898	4.373252	4.163982
ENSMUSG Nck1	23.13161	22.17822	24.55134	19.71514	20.07763	24.525275
ENSMUSG Nme6	3.842917	5.487256	4.39938	4.326953	5.701983	6.058101
ENSMUSG Map4	65.99663	61.73658	62.73612	46.54317	49.0622	46.554839
ENSMUSG Bhlhe40	23.8948	22.94954	23.82245	30.32128	28.84713	34.013275
ENSMUSG Gabrg1	0	0	0	0	0	0
ENSMUSG Mfsd2b	1.388702	1.329564	1.054364	0.738983	0.678012	0.687385
ENSMUSG Map4k1	3.711653	3.381709	3.692328	11.95093	9.672432	10.263848
Mus_musc Mus_musc	0.182193	0	0	0	0.317111	0.088162
Mus_musc Mus_musc	0.392599	0	0.391548	0	0	0.158844
Mus_musc Mus_musc	0.092195	0	0	0.68827	0.350331	0.635732
ENSMUSG Usp18	10.14603	8.75021	11.84491	8.211957	7.928564	7.908601
ENSMUSG Foxr1	0.028663	0	0	0.031652	0	0
Mus_musc Mus_musc	0.063122	0.246968	0.094253	0.415912	0.591413	0.146304
ENSMUSG Med31	6.528222	9.132025	7.924139	6.690093	5.959522	5.946682
Mus_musc Mus_musc	0.469448	0.580625	0.500694	0.642618	0.75678	0.648417
Mus_musc Mus_musc	0.871012	0.821165	0.589309	0.548302	0.609211	0.681482
ENSMUSG Nemp1	1.938302	2.160171	1.816247	2.009768	2.311771	1.936769
ENSMUSG Cd209e	0.021913	0.106612	0	1.994619	4.337955	3.375964
ENSMUSG Sycp1	0.587373	0.450985	0.495061	0.344235	0.421565	0.524478
ENSMUSG Nras	22.44346	22.36358	22.8923	21.71096	21.7188	20.209011
ENSMUSG Zfp935	0	0	0	0	0.01782	0
ENSMUSG Lox	9.86241	10.08053	12.8909	13.90036	15.38498	12.658827
ENSMUSG Zscan29	7.293314	7.943296	7.414181	7.735256	7.676092	7.731388
ENSMUSG Txndc2	0.175301	0.076644	0.110262	0.101642	0.160766	0.104514
ENSMUSG Olfr125	0	0	0	0	0	0
ENSMUSG Pmaip1	7.25591	4.918418	6.599684	5.262509	5.49042	4.746172
ENSMUSG Xpo6	13.61394	12.83143	13.25564	13.45531	13.86815	14.405395
ENSMUSG Afg3l2	11.50949	12.55689	11.84681	12.82781	10.67381	11.704484
ENSMUSG Cidea	0.738233	2.290599	0.440337	2.153674	1.769889	2.321949
ENSMUSG Tfe3	12.28055	11.61457	13.56835	14.22284	14.50348	14.590222
ENSMUSG Gnal	0.475443	0.586755	0.717096	0.625704	0.797766	0.776547
ENSMUSG Nipal1	1.610651	1.466323	0.988272	1.675226	1.409248	1.590019
ENSMUSG H2-T23	140.0705	119.8128	447.2921	223.1507	131.7899	167.68086
ENSMUSG Usp51	0	0	0	0	0.014739	0.075212
ENSMUSG Hmga2	0	0.030254	0	0.040558	0.075095	0
ENSMUSG Cyp2j11	0	0	0	0	0	0
ENSMUSG Gm10283	0	0	0	0	0	0
ENSMUSG Dnah9	1.664142	1.813744	0.864405	2.3013	2.402551	2.202953
ENSMUSG Grm7	0	0	0	0	0	0
ENSMUSG Oasl1	1.194011	1.433732	2.467913	1.072932	1.245129	1.308558
ENSMUSG Gm49387	0	0	0	0	0	0
ENSMUSG Abca8a	20.11829	21.66741	19.48177	12.41683	11.48092	11.208001
Mus_musc Mus_musc	0.234951	0.40349	0.168302	0	0	0.206302
Mus_musc Mus_musc	0.722571	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	1.65517	2.095175	1.221688	2.562446	2.085935	2.761143
Mus_musc Mus_musc	0	0	0	0	0	0.189557
Mus_musc Mus_musc	0.188031	0	0	0	0.145728	0
Mus_musc Mus_musc	0.862921	1.078574	0.711659	1.666	1.104313	1.121564
Mus_musc Mus_musc	0	0.065522	0.180892	0	0.58248	0.161517
ENSMUSG Gm15821	0.49742	0.24595	1.385975	0.916668	0.533954	0.530616
Mus_musc Mus_musc	0	0	0.196167	0.241193	0.400411	0.098712
Mus_musc Mus_musc	0.667567	0	0	0.101938	0	0

Mus_musc Mus_musc	0	0.467123	0.096972	0	0	0
ENSMUSG Olfr1362	0	0	0	0	0	0
ENSMUSG Gm6563	30.30703	28.46695	32.21024	28.64278	34.75722	31.67304
ENSMUSG Trap1a	0.153394	0	0	0	0	0
ENSMUSG Jagn1	15.65694	12.89888	16.03009	13.97359	15.55199	14.17992
ENSMUSG Nhlh1	0	0	0	0	0	0
ENSMUSG Olfr1175- ρ	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.051436	0	0	0	0
ENSMUSG Olfr1322	0	0	0	0	0	0
Mus_musc Mus_musc	0.543202	0.748938	0.746185	0.865979	0.560775	0.684167
Mus_musc Mus_musc	0.305423	0.192075	0.385933	0.348982	0.12936	0.520689
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	6.142173	7.285124	5.476305	4.761419	4.366511	4.283018
Mus_musc Mus_musc	0.182446	0	0	0	0.267099	0.136772
Mus_musc Mus_musc	0.074488	0.085581	0.145061	0.326047	0.072758	0
ENSMUSG Homez	2.324521	1.962564	1.703782	2.654179	2.516502	2.517274
ENSMUSG Tnr	0.011989	0.01295	0	0.025242	0.014658	0.045526
ENSMUSG Olfr536	0	0	0	0	0	0
ENSMUSG Epha3	0.996477	0.948445	0.95429	0.657654	0.802223	0.70627
Mus_musc Mus_musc	0.664778	1.763998	0.984919	1.999354	1.345383	2.504775
Mus_musc Mus_musc	0.231641	0	0	0.058704	0	0.109291
Mus_musc Mus_musc	0	0	0	0.234305	0.079015	0
Mus_musc Mus_musc	0	0	0.097073	0	0.096861	0
Mus_musc Mus_musc	3.241577	3.395796	2.999839	2.170446	1.042416	1.710092
Mus_musc Mus_musc	0	0.079009	0	0	0	0
Mus_musc Mus_musc	0.211852	0.49537	0.288239	0.419327	0.120771	0.122625
Mus_musc Mus_musc	0	0	0	0.242241	0	0
Mus_musc Mus_musc	0	0	0	0.041432	0.328961	0.166379
ENSMUSG Defb40	0	0	0	0	0	0
ENSMUSG Rgs9bp	0.083031	0.026343	0.040478	0.123	0.081306	0.119176
ENSMUSG Tgm5	0	0.053158	0.044307	0.048749	0.03358	0
ENSMUSG Slc38a10	34.59412	34.01621	33.65436	37.18355	38.92186	40.415147
ENSMUSG Lrrc75a	6.591146	6.906117	7.015222	4.980691	3.601732	3.941252
ENSMUSG Gm42420	0	0	0	0	0	0
ENSMUSG Olfr44	0	0	0	0	0	0
ENSMUSG Ganc	4.106737	4.20136	3.903845	4.387064	4.093887	3.881648
ENSMUSG Rpl7a	83.6815	88.49098	84.15562	83.13688	95.22086	137.08612
ENSMUSG Ccdc38	0.020251	0.093303	0.07811	0.074459	0.121738	0.077809
ENSMUSG Sostdc1	0	0.052938	0.028456	0.124381	0.079667	0.093076
ENSMUSG Olfr679	0	0	0	0	0	0
ENSMUSG Pphln1	25.72085	25.58548	22.74404	19.70583	20.3934	20.471417
ENSMUSG Gm3542	0	0	0	0	0	0
ENSMUSG Smg9	6.467953	6.581694	5.0044	6.940233	7.256726	7.026845
ENSMUSG Ldhal6b	0.060118	0.147368	0.145554	0.157879	0.059948	0.01912
ENSMUSG Gm17689	0	0	0	0	0	0
ENSMUSG Vgll3	5.359469	5.325765	6.084722	4.186606	3.901609	3.755695
ENSMUSG Cdc16	16.56037	16.32213	16.31259	16.35228	17.09539	17.172995
ENSMUSG Fig4	12.77932	12.28374	12.07563	14.75504	15.50371	16.596731
ENSMUSG Foxq1	1.291372	1.685326	0.874087	1.062458	0.875253	1.154711
ENSMUSG Higd1a	9.898783	10.33611	10.94893	8.921522	8.832556	8.042607
ENSMUSG Ddhd1	3.946905	4.896767	4.5137	5.964609	6.168601	5.108874
ENSMUSG Egr1	33.63041	5.004486	6.71378	3.324508	2.632387	3.29161
ENSMUSG Ahdc1	6.242015	6.296494	5.668373	4.643659	4.999753	4.838638
ENSMUSG Vmn2r18	0.019964	0	0	0	0	0
ENSMUSG Gm3573	0	0	0	0	0	0
ENSMUSG 4930513O	0	0	0	0	0	0
ENSMUSG Gm10408	0	0	0	0	0	0
ENSMUSG Gm16440	0	0	0	0.03116	0.025715	0
ENSMUSG Col4a5	18.73046	16.5575	16.34022	12.59622	11.14308	11.134396
ENSMUSG Rab30	0.778073	0.530906	0.439246	1.860392	1.085907	1.191916
ENSMUSG Ddias	0.236108	0.17759	0.296078	0.422273	0.516951	0.780945
ENSMUSG Il16	8.651905	6.681089	8.006618	8.607993	8.328266	8.864542
ENSMUSG Ndufc2	65.36166	67.31668	68.20807	68.61002	63.58741	68.337223
ENSMUSG Prr22	0.072706	0.164025	0.037541	0.18523	0.029732	0.240534

ENSMUSG Anapc15	4.067078	3.261437	2.995663	3.982249	3.33136	3.917606
ENSMUSG Mup17	0	0	0	0	0	0
ENSMUSG Olfr470	0	0	0	0	0	0
ENSMUSG Mfsd4b4	1.374205	1.30669	1.321101	1.7311	1.729819	2.004557
ENSMUSG Gm20830	0	0	0	0	0	0
ENSMUSG Gm3642	0	0	0	0	0	0
ENSMUSG Olfr1468-ꜛ	0	0	0	0	0	0
ENSMUSG Gm10128	0	0	0	0	0	0
ENSMUSG Tbrg1	37.71686	35.56415	35.35877	35.03897	33.65947	36.232191
ENSMUSG Hacd1	4.831976	4.389882	4.573725	4.426459	5.496025	5.467757
ENSMUSG Vmn2r12	0.010612	0.049811	0.026732	0.066743	0.034283	0.032743
ENSMUSG Atp6v1fnb	0	0	0	0	0	0
ENSMUSG Panx3	0	0	0.018556	0	0	0
ENSMUSG Frg1	22.31747	21.35542	23.45766	20.49229	20.34893	21.901323
ENSMUSG Asah1	41.04007	39.49871	42.39882	41.34888	42.02912	45.822634
ENSMUSG Pcm1	17.20911	17.24804	13.94688	14.87062	13.84902	13.343509
ENSMUSG Fgl1	0.048687	0	0	0.247973	0.406889	0.252105
ENSMUSG Pdgfrl	1.476435	1.721625	1.658259	2.438587	2.685331	3.120934
ENSMUSG Slc7a2	11.83535	11.66715	12.52969	25.55505	21.35576	22.481681
ENSMUSG Klf2	143.7329	92.83795	142.5127	35.73521	58.8841	52.023544
ENSMUSG Zfp780b	3.812168	3.847637	3.417812	3.56944	3.417661	3.573764
ENSMUSG Chst7	5.721917	4.648164	5.417138	5.309149	6.465598	4.631124
ENSMUSG Hrh4	0	0.072587	0.13575	0.051854	0	0.093951
ENSMUSG Foxl1	0.266394	0.118921	0.131693	0.150985	0.292082	0.140131
ENSMUSG Slc12a9	4.78349	3.778075	5.243515	4.746841	4.116311	4.418159
ENSMUSG Taf2	8.236588	8.717456	7.638813	8.270932	7.789795	7.622129
ENSMUSG Slc9a7	1.782451	1.634069	1.819224	2.544065	3.469734	2.127747
ENSMUSG Zfp963	3.687829	3.640742	3.55378	3.073148	2.977179	3.099551
ENSMUSG Nudt22	6.846406	7.199533	8.056335	8.892783	6.682539	8.496764
ENSMUSG Paqr7	36.24309	33.23742	30.60929	23.36362	21.83139	22.922338
ENSMUSG Plscr3	44.05365	39.51532	57.93533	25.82508	32.89791	37.77073
ENSMUSG Arhgef25	13.43279	13.65455	14.44465	10.51414	8.858874	9.859093
ENSMUSG Ptger1	1.79883	1.333354	1.964169	1.600315	1.077409	1.684068
ENSMUSG Olfr820	0	0	0	0	0	0
ENSMUSG Specc1l	46.12157	45.96264	39.81201	33.22178	33.19343	30.784371
ENSMUSG E130114P1	0	0.159786	0.091061	0.133769	0.040298	0
ENSMUSG Mageb2	0	0.020251	0	0	0.044754	0
ENSMUSG Olfr1077-ꜛ	0	0	0	0	0	0
ENSMUSG Hbq1b	0.850491	2.02579	1.0052	0.52081	0.699266	0.358213
ENSMUSG Gm9602	0	0	0	0	0	0
ENSMUSG Vmn1r80	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.032375	0.074532	0.208459
ENSMUSG Hoxa2	1.751796	0.970279	1.201574	1.18978	1.023785	1.000521
ENSMUSG Rph3a	0	0	0	0	0	0
ENSMUSG Gcsam	0.44676	0.563909	0.451516	0.680489	0.452229	0.663723
ENSMUSG Tagln3	0.083098	0.200353	0.204903	0.164333	0	0.039065
ENSMUSG Zkscan8	4.151372	3.762828	3.260726	3.636278	3.175851	3.032744
ENSMUSG Nupl1	0	0	0.031148	0	0	0
ENSMUSG lqcd	0.553654	0.814057	0.383541	0.53263	0.561206	0.579279
ENSMUSG Morc1	0	0	0	0.045376	0	0.113476
ENSMUSG Dtx1	1.945881	1.525272	1.561602	1.925002	1.334769	1.459659
ENSMUSG Rasal1	0.132102	0.071103	0.080259	0.353974	0.30298	0.453809
ENSMUSG Cd96	1.05475	0.970227	1.237163	0.978323	0.915681	1.09972
ENSMUSG Nectin3	32.58054	31.13946	28.63024	22.65147	19.30199	20.139012
ENSMUSG Ankrd61	0.402483	0.310141	0.242001	0.207099	0.268596	0.128791
Mus_musc Mus_musc	1.542522	1.145316	2.08857	3.225356	2.101592	2.933866
Mus_musc Mus_musc	0.443334	0.117954	0.11115	0.090804	0.161279	0.151399
Mus_musc Mus_musc	0.359262	0.336109	0	0.169178	0.392457	0.161983
Mus_musc Mus_musc	0.192049	0.210733	0.061772	0.148993	0.10048	0.124102
ENSMUSG Gm30191	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.420796	0	0.238823	0.143947	0.313311	0.184186
Mus_musc Mus_musc	0.254145	0.43613	0.158888	0.282688	0.128133	0
Mus_musc Mus_musc	1.446868	1.786924	1.825524	1.084293	1.271933	1.335596

ENSMUSG Il17a	0	0	0	0.044581	0	0.04703
ENSMUSG Terf1	7.059699	7.339951	6.954091	6.500098	5.699417	6.767987
ENSMUSG Gm14325	6.183396	10.96606	5.433107	8.400026	7.945146	7.324859
ENSMUSG Stau2	4.714412	4.899621	4.425153	4.663045	3.556695	4.552281
ENSMUSG Rdh10	6.880472	7.533579	6.51073	6.334246	5.71202	6.918127
ENSMUSG Olfr1034	0	0	0	0	0	0
ENSMUSG Zfyve1	11.27496	11.94721	11.23384	10.61928	10.65267	9.46502
ENSMUSG Gm45261	0	0	0	0	0	0
ENSMUSG Zscan4-ps	0	0	0	0	0	0
ENSMUSG Gm45844	0.086447	0	0.028624	0.162944	0	0.084117
ENSMUSG Gm45717	3.051389	3.297303	5.010301	3.033205	2.227524	3.118531
ENSMUSG Unc93b1	33.59722	29.23098	36.58966	65.29378	56.24779	62.474926
ENSMUSG C1ql2	0	0	0.02534	0	0	0.041442
ENSMUSG Maff	13.77564	10.57423	11.62549	6.841157	8.101906	7.460691
ENSMUSG C1qb	11.81003	14.35899	19.22844	86.15561	83.6936	91.508163
ENSMUSG Neto2	0.764572	1.023233	0.789183	1.02034	0.594779	0.757571
ENSMUSG Safb2	26.08563	25.02645	32.30154	25.4771	23.62231	24.816575
ENSMUSG Shc1	27.38185	26.94682	28.58639	28.19555	30.64412	31.365904
ENSMUSG Gja8	0.011976	0	0	0	0.024157	0
ENSMUSG Tmem17	1.276647	0.777549	1.014264	1.260396	0.69075	1.048264
ENSMUSG Rasl11b	13.48399	14.64188	14.88831	8.876985	9.086415	8.188918
ENSMUSG 4921517D	0	0	0	0	0	0
ENSMUSG Fignl1	0.42266	0.373943	0.512602	0.925529	1.190776	1.195935
ENSMUSG Samt3	0	0	0	0	0	0
ENSMUSG Prdm8	0.729783	0.715083	0.473426	0.334923	0.353498	0.598919
ENSMUSG Foxa1	17.73276	17.36001	12.39116	12.95442	12.5164	13.06793
ENSMUSG Cep112	1.149756	1.041062	0.918713	1.013324	0.535504	0.812392
ENSMUSG Slc15a3	11.7102	10.978	12.35469	18.70444	18.87775	21.841383
ENSMUSG Stab2	0.154975	0.127866	0.191501	0.382093	0.253718	0.280443
ENSMUSG Fcho1	1.59452	0.848425	2.029189	3.66795	2.635984	3.104377
ENSMUSG Ssbp4	30.76191	24.59717	25.8504	27.36074	32.98259	33.445358
ENSMUSG Ell	10.71418	10.37755	10.75074	8.574356	8.682137	9.658146
ENSMUSG Fam57a	8.629743	9.058751	9.653743	8.14169	7.475219	8.802242
ENSMUSG Engase	2.59906	2.715566	2.581038	2.949761	2.330843	2.396107
ENSMUSG Ston1	29.20844	30.49391	25.13285	19.59666	21.04474	16.367752
ENSMUSG Kcnk10	0	0	0.037212	0.006998	0	0
ENSMUSG Cacng7	1.555085	0.879814	1.751376	1.451052	1.476068	1.169399
ENSMUSG Fbp1	2.116148	1.423839	1.897134	29.15553	44.49886	29.857227
ENSMUSG Gm10277	0.041703	0.012842	0.084358	0.016605	0	0.06613
ENSMUSG Ndufaf4	3.274501	3.470493	3.538682	3.036178	3.047552	3.128143
ENSMUSG Clca3a2	0	0.019721	0.074446	0	0.056304	0
ENSMUSG Spaca1	0.26626	0.179834	0	0.226061	0.077017	0.218346
ENSMUSG Lmo4	40.32801	40.81119	46.28941	41.95375	40.25842	38.660139
ENSMUSG Gbp3	11.43358	8.873764	63.12083	31.63395	9.226512	10.981064
ENSMUSG Gm49352	0	0	0	0	0	0
ENSMUSG Lingo4	0.1252	0.044409	0.097515	0.080921	0.05045	0.075039
ENSMUSG Bod1	15.42065	15.9215	18.55447	12.18752	14.1873	13.3428
ENSMUSG Zfp758	3.316967	3.826123	3.538889	3.547727	2.507478	3.2719
ENSMUSG Gm8138	0	0	0	0	0	0
ENSMUSG Gm16253	0.360788	0.661355	0.894731	0.638661	0.505343	0.532717
ENSMUSG Prl8a2	0	0	0	0	0	0
ENSMUSG Gm49345	0.331033	0.295387	0.110185	0.243505	0.615792	0.326886
ENSMUSG D730048IC	0	0	0	0	0	0
ENSMUSG Nlrx1	4.213152	2.967477	4.344721	4.323638	4.224887	4.290935
ENSMUSG Pus3	3.908508	4.34938	3.936404	4.22427	3.964376	3.446914
ENSMUSG Ddx25	0.021802	0.006676	0.007309	0.007504	0	0.015672
ENSMUSG Pdzd3	0	0.095203	0.115859	0.025948	0.041799	0.103306
ENSMUSG Setdb2	3.043616	2.278727	3.112901	3.322025	3.095653	3.514366
ENSMUSG Reg3b	0	0.312954	0	0.173127	0.142739	0.117145
ENSMUSG Tbp1	10.28075	10.56689	11.96603	10.62111	10.06818	10.105556
ENSMUSG Pura	12.31304	13.22035	11.13249	10.67181	11.26963	10.799463
ENSMUSG Gpr75	0	0.015821	0	0.049958	0.013803	0.056653
ENSMUSG Mgat2	27.04222	25.06829	26.37795	31.35046	33.8756	37.774601
ENSMUSG 1700017D	0	0	0	0	0	0

ENSMUSG 1700025F2	0	0	0	0	0	0
ENSMUSG Gas2l3	0.578361	0.450615	0.394686	1.815789	1.943312	2.524778
ENSMUSG Ostf1	45.6644	44.44211	47.50558	45.93016	45.59103	45.653427
ENSMUSG lqck	1.335284	2.263405	1.305366	1.53674	1.606072	1.462348
ENSMUSG Trpm6	6.58438	6.469887	4.521469	5.62929	5.97678	5.565771
ENSMUSG Carnmt1	3.868049	3.328355	3.061624	3.409472	3.039244	2.848366
ENSMUSG Orc4	8.819436	9.401743	9.209877	8.473485	8.649949	7.996205
ENSMUSG Mindy3	16.51045	16.18569	15.38148	14.29746	13.4109	13.991672
ENSMUSG Mmadhc	24.26627	22.20144	25.57497	22.74009	23.39996	27.595111
ENSMUSG Lypd6b	1.551424	1.465533	1.216843	1.608165	1.246657	1.499353
ENSMUSG Kif5c	0.142477	0.196645	0.190694	0.37118	0.318597	0.373745
ENSMUSG ltga8	41.7308	37.04926	44.52519	27.80534	25.7759	23.22936
ENSMUSG Pcx	12.03672	13.5673	8.641187	19.77876	20.7549	25.371038
ENSMUSG Slc29a2	0.474036	0.541643	0.487879	0.440672	0.547691	0.339166
ENSMUSG Apba1	2.162872	2.442016	2.269404	2.622758	2.49891	2.857586
ENSMUSG Minpp1	12.32453	11.8743	11.78689	10.58661	12.98029	12.135968
ENSMUSG Papss2	12.47688	11.89077	11.76319	7.779264	7.681812	6.282145
ENSMUSG Efcab2	2.790744	2.891898	2.36008	2.685171	1.881812	1.60543
ENSMUSG Kif26b	1.589768	1.78239	0.849239	0.912384	0.655494	0.946438
ENSMUSG Mixl1	0	0	0	0	0	0
ENSMUSG Parp1	12.81932	12.48014	11.85583	17.54797	17.96135	17.856618
ENSMUSG Lin7b	0.159949	0.076118	0.36438	0.275317	0.27018	0.230325
ENSMUSG Bax	33.26241	35.06204	40.90939	41.67222	35.31593	38.761838
ENSMUSG Tfb2m	8.095077	8.318681	7.56436	8.782842	7.354222	7.348459
ENSMUSG Acbd3	16.95059	17.4836	17.62368	15.34516	16.86877	16.265514
ENSMUSG Foxb1	0	0	0	0.028225	0.065693	0.055552
ENSMUSG Gm11992	1.107505	1.946097	0.890364	2.094429	1.554253	1.278483
ENSMUSG lgsf21	0	0.089903	0	0	0	0.02699
ENSMUSG 9-Sep	36.17081	36.13471	35.31101	35.43477	41.36038	41.43408
ENSMUSG Depp1	34.06195	24.36617	24.39908	10.27503	12.15716	10.468861
ENSMUSG Mfrp	0.11932	0.259525	0.181201	0.099968	0.047359	0.201122
ENSMUSG Mypop	2.315652	2.327534	2.108556	1.45416	2.18223	1.985307
ENSMUSG Nova1	1.263755	1.511339	1.168312	0.6699	0.951656	0.860682
ENSMUSG Zbtb8b	0.1405	0.120875	0.228374	0.318875	0.291243	0.149915
ENSMUSG Mrpl4	35.27278	33.42705	31.54176	28.83803	29.58592	31.128591
ENSMUSG Gm14496	0	0	0	0	0	0
ENSMUSG Clec11a	0.839133	1.0468	0.819834	1.105862	1.178393	1.619206
ENSMUSG Rgs21	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.313813	0	0	0
Mus_musc Mus_musc	0	0.092978	0	0.458698	0.555787	0.586342
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.532759	0.316523	0.502881	0.849992	0	0.504366
Mus_musc Mus_musc	0.306707	0.291614	0	0.262451	0	0.110377
Mus_musc Mus_musc	0	0.295801	0	0	0	0.115926
Mus_musc Mus_musc	0.898215	0.994309	0.266318	0.607094	0.896498	0.602414
Mus_musc Mus_musc	4.316502	3.189485	3.867068	3.01532	2.677883	2.862616
Mus_musc Mus_musc	0	0	0.275458	0.108439	0.106681	0.159689
Mus_musc Mus_musc	0	0.337707	0.329717	0	0	0
Mus_musc Mus_musc	0.063377	0.073179	0.044077	0.637231	0.214186	0.433191
Mus_musc Mus_musc	0	0.488026	0	0	0	0
ENSMUSG Olfr1281	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.416847	0.092931	0	0.216926	0.23159
ENSMUSG Gm21095	0	0	0	0	0	0
Mus_musc Mus_musc	0.28193	0.210651	0.415831	0.676462	0.409485	0.460998
Mus_musc Mus_musc	0.042166	0	0.581095	0	0	0.639718
ENSMUSG Lsm3	13.93707	14.59387	16.62496	16.43133	14.52632	14.200629
ENSMUSG Chmp7	20.41742	21.30988	22.01062	19.43841	19.20119	20.084229
ENSMUSG R3hcc1	8.49394	8.638054	9.341245	7.285983	7.065553	6.915606
ENSMUSG Fam124b	1.273608	1.812148	1.308294	2.72349	2.181325	2.681378
ENSMUSG Dhrrs11	3.880857	6.749601	6.425042	7.055406	7.057608	6.379441
ENSMUSG Gm6020	0	0	0	0	0	0
ENSMUSG Cyb561a3	23.87323	23.36927	23.04546	17.73318	14.11529	18.649895
ENSMUSG Trmt5	3.887464	3.865354	3.572615	3.775779	3.5695	2.821337
ENSMUSG Gm47289	0	0	0	0	0	0

ENSMUSG Slc22a13	0	0	0	0.037743	0.05556	0.034594
ENSMUSG Dnase1	0.46138	0.535799	0.47168	0.432538	0.57687	0.638707
ENSMUSG Trap1	29.10676	30.44359	28.13878	27.21325	27.58192	28.98774
ENSMUSG Naa60	38.91564	34.92767	36.88491	31.74676	32.51175	29.861038
ENSMUSG 1700037C:	1.677237	1.480485	1.636075	2.393116	2.025393	2.691581
Mus_musc Mus_musc	0	0	0	0.169167	0	0.174848
ENSMUSG Sh2d7	0	0.017424	0	0	0	0
Mus_musc Mus_musc	0	0.195596	0	0	0	0
Mus_musc Mus_musc	0	0.29523	0	0.412265	0	0.164142
Mus_musc Mus_musc	0	0	0.063036	0.2528	0	0
Mus_musc Mus_musc	0	0	0	0.363571	0	0
Mus_musc Mus_musc	0	0	0	0	0.342555	0
ENSMUSG Sem1	24.96545	23.68249	24.30339	25.673	24.28776	24.983826
ENSMUSG Acot5	0	0	0	0	0	0
Mus_musc Mus_musc	1.345156	0.706848	0.582806	1.071045	0.794857	0.850808
Mus_musc Mus_musc	0.170627	0.161311	0	0.12159	0.144678	0
ENSMUSG Asxl1	12.11779	11.5244	11.12642	10.85981	11.25472	10.591864
Mus_musc Mus_musc	0.285757	0.34299	0.251314	0.312996	0.172831	0.228785
Mus_musc Mus_musc	10.67184	11.86152	11.74395	15.10822	12.98803	12.401044
ENSMUSG Cox7c	46.09423	55.14254	56.87926	71.96991	64.5651	57.750846
Mus_musc Mus_musc	27.23454	27.4126	21.36527	22.92078	18.0082	19.811145
ENSMUSG Prpf6	23.529	20.41378	21.11226	19.23958	18.46633	19.318598
ENSMUSG Rgs20	0.159274	0	0.071236	0.036851	0.094407	0.019069
ENSMUSG Rgs19	15.32415	14.54501	17.7812	23.17218	22.1213	23.024433
ENSMUSG Myo1c	130.1083	111.1154	115.808	75.61548	76.20229	77.825521
ENSMUSG Crk	55.53336	54.11853	53.13967	41.00692	41.79059	41.383709
Mus_musc Mus_musc	0.837409	0.80853	0.710606	0.919255	0.704197	0.798418
ENSMUSG Psme2	43.47925	40.57475	65.30238	57.69652	32.53603	47.177234
Mus_musc Mus_musc	0.061307	0.092033	0.503786	0.256008	0	0.095206
ENSMUSG A930004D	2.520919	2.116009	2.031383	1.471537	1.737452	1.731419
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.088177	0	0.453436	0.459797	0.209446
Mus_musc Mus_musc	0	0	0.320765	0	0	0
Mus_musc Mus_musc	1.233542	1.514654	1.98817	2.11496	2.095808	3.681486
ENSMUSG Usp35	1.026566	0.997181	1.471976	1.640374	1.584741	1.648886
ENSMUSG Dok3	8.758373	7.0134	11.7193	17.29656	13.86803	15.576858
ENSMUSG Apoe	311.4478	283.8739	301.0841	723.7033	631.6649	719.00087
ENSMUSG Tomm40	17.49919	14.04791	16.52728	15.1257	17.38117	18.523283
ENSMUSG Olfr301	0	0	0	0	0	0
ENSMUSG Clptm1	33.62681	31.52611	31.40781	26.65421	28.95335	31.381952
ENSMUSG Sertad1	22.09267	21.38137	27.33926	14.89645	16.86638	16.781791
ENSMUSG Relb	7.188692	9.077696	8.875962	11.9301	11.85698	12.49928
ENSMUSG Zmiz2	19.35135	19.6185	19.80229	22.79471	22.96941	22.962443
ENSMUSG Spem1	0	0	0.09737	0	0	0.044056
ENSMUSG Otud3	8.220232	7.954545	6.905383	7.261454	8.092333	7.163277
ENSMUSG Lonp1	20.01471	18.41108	19.8539	15.83465	16.60525	17.564822
ENSMUSG Raver1	18.19876	9.290571	17.06476	3.926742	17.84765	19.1266
ENSMUSG Vwc2	0.084812	0.039409	0.07168	0.079239	0.048071	0.044657
ENSMUSG Ap2s1	43.02695	42.83333	50.27731	52.12779	50.78073	54.770668
ENSMUSG Mid1ip1	98.63862	99.57791	101.7949	108.7826	92.84429	105.20886
ENSMUSG Hist1h2bg	5.554078	10.23447	10.40083	11.64283	11.60887	5.825861
ENSMUSG Phtf1	11.26786	12.14024	8.96379	10.42194	9.999061	10.255624
ENSMUSG Rnf212	0	0	0	0	0	0
ENSMUSG Sulf1	11.37516	12.90041	8.847091	9.594734	6.556266	10.906613
ENSMUSG Slc3a1	0.126763	0.139159	0.181646	0.069478	0.142049	0.123183
ENSMUSG Samd7	0	0	0	0	0	0
ENSMUSG Tbc1d22a	17.37024	14.52679	16.53646	13.56855	13.92058	15.38785
ENSMUSG Olfr58	0	0	0	0	0	0
ENSMUSG Samd12	5.116605	5.24471	3.901456	3.067715	2.80672	2.661102
ENSMUSG Six2	0	0	0	0.049276	0.040352	0
ENSMUSG Eif4b	69.50727	73.57464	64.84662	77.27996	77.17512	77.733223
ENSMUSG Lad1	1.121561	1.373136	0.686243	1.81121	1.970312	2.225712
ENSMUSG Cpsf2	7.202782	7.268217	7.471461	7.538934	7.536368	7.733798
ENSMUSG Vmn1r24	0	0	0	0	0	0

Mus_musc Mus_musc	0.24515	0.193314	0.347611	0	0.062093	0.285468
Mus_musc Mus_musc	0.196865	0.126912	0.183985	0.093962	0.378169	0.150698
Mus_musc Mus_musc	0	0	0.294138	0.426649	0.09919	0.478074
Mus_musc Mus_musc	0	0.129868	0	0.174016	0.17652	0.256467
Mus_musc Mus_musc	0	0	0	0.522048	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.275839	0	0.184077	0.396051	0.102593	0
Mus_musc Mus_musc	0.121234	0	0	0.218455	0.189053	0
ENSMUSG Obp1a	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.015729
Mus_musc Mus_musc	2.831436	3.108549	2.728054	3.453386	3.164576	2.427544
ENSMUSG 1700040F1	0	0	0	0	0	0
ENSMUSG Efhd2	42.89202	39.22021	48.30233	55.39173	56.61926	64.053612
ENSMUSG Cop1	10.55767	11.14732	7.500767	9.971381	9.174783	11.112004
ENSMUSG Ttc3	13.57239	12.75181	10.78667	9.72547	10.73976	9.251801
ENSMUSG B4galt6	1.073994	1.175545	1.100281	1.559824	1.395757	1.630213
ENSMUSG Fez2	28.95969	26.48863	30.31884	21.96338	22.9168	21.259477
ENSMUSG Lix1	0.52302	0.421887	0.512322	0.433731	0.49845	0.182296
ENSMUSG Flrt1	0.08756	0.155778	0.049279	0.084653	0.082401	0.136876
ENSMUSG Gm43552	0	0	0	0	0	0
ENSMUSG Gm30737	0	0	0	0	0	0
ENSMUSG Slc38a9	2.065167	2.350412	2.050869	1.996583	2.201384	2.432746
ENSMUSG Xlr3a	0.165628	0.141888	0.012118	0	0.077174	0
ENSMUSG Zfp119a	2.679215	2.836752	2.628347	2.220043	2.490095	3.228462
ENSMUSG Dhdds	16.77883	13.74631	14.36362	14.0946	15.56152	15.226837
ENSMUSG Med15	17.99624	17.84087	18.26474	17.64793	17.91003	20.063346
ENSMUSG Defa33	0	0	0	0	0	0
ENSMUSG Btbd35f30	0	0	0	0	0	0
ENSMUSG Mei4	0.181482	0.131885	0.147677	0.049663	0.069433	0.148591
ENSMUSG Mc4r	0	0	0	0	0	0
ENSMUSG Prss45	0.023199	0.036323	0	0	0	0.089701
ENSMUSG Krtap1-5	0	0	0	0	0	0
ENSMUSG Ptgs1	20.78169	21.69075	20.19001	20.59467	23.62857	23.864277
ENSMUSG Ier2	73.00153	47.75538	56.94825	31.64384	29.78957	32.040298
ENSMUSG Asb17	0	0	0	0	0	0
ENSMUSG Hils1	0	0	0	0	0	0.063954
ENSMUSG Txndc5	60.43582	51.30835	53.49614	122.6077	115.0405	121.59531
ENSMUSG Cables2	8.191628	7.315076	9.285441	8.674897	8.556322	8.83834
ENSMUSG Cyp26b1	1.68741	3.359961	1.332274	7.428981	2.138982	10.001162
ENSMUSG Gm10131	8.570503	9.808283	9.061497	10.34356	8.922296	9.100078
ENSMUSG Stk24	24.34203	25.50935	25.56296	26.707	25.31645	25.339788
ENSMUSG Rac3	12.52891	11.64368	10.75097	6.274446	6.172266	8.059946
ENSMUSG Usp47	26.94265	28.0734	24.9673	25.46356	27.68143	26.419158
ENSMUSG Eid3	0.106191	0.06468	0.157803	0.079874	0.189124	0.145373
ENSMUSG Hspa14	17.64118	16.83005	19.08759	18.42913	17.87989	16.752903
ENSMUSG Zfp608	12.40241	12.06739	10.66929	8.749722	11.17426	10.481189
ENSMUSG BC004004	14.61267	14.07812	14.05047	16.1209	13.72604	14.208279
ENSMUSG Omt2a	0	0	0	0	0	0
ENSMUSG Olfr10	0	0	0	0	0	0
ENSMUSG Olfr300-ps	0	0	0	0	0	0
ENSMUSG Hmgb2	14.43322	14.08624	16.58376	21.39917	21.96245	23.419898
ENSMUSG Zfp771	7.924193	3.628683	5.156379	3.80136	6.678572	7.423015
ENSMUSG Zscan22	6.065608	4.882889	4.354401	4.231674	3.43982	3.59228
ENSMUSG Pex13	5.965722	5.763031	5.236716	5.698703	5.090766	4.337246
ENSMUSG Pcdhgb5	1.245045	2.077457	1.584497	1.291758	0.93081	1.23358
ENSMUSG Ntn5	1.831205	1.707689	1.716381	2.200975	1.951363	2.25955
ENSMUSG Slc6a21	0	0	0.014949	0	0	0
ENSMUSG Myl2	0	0	0.058909	0.023196	0	0
ENSMUSG Oxsr1	14.88429	16.01185	14.03083	12.57027	11.78855	11.21903
ENSMUSG Cysrt1	0.039887	0.085581	0.145891	0.002106	0	0.084697
ENSMUSG Rbm42	40.99783	37.9097	39.04544	32.61384	33.93626	34.274654
ENSMUSG Mcrip1	44.90292	46.16633	50.38069	40.22265	37.5364	40.922363
ENSMUSG Prcp	8.599	8.495097	8.517126	13.82757	13.93803	15.436074
ENSMUSG Dnajc30	9.578449	10.43582	9.345073	8.221842	8.614926	7.809923

ENSMUSG Gm20716	12.82417	15.38906	10.88744	0	13.94432	0
ENSMUSG Gm36245	0	0	0	0	0	0
ENSMUSG Vmn1r39	0	0	0	0	0	0
ENSMUSG DXBay18	0.369946	0.036663	0.121818	0.04545	0.094618	0.046722
ENSMUSG Hist1h3f	0.08917	0.036711	0.060287	0	0.022208	0.077122
ENSMUSG 4933412E2	0	0	0	0	0	0
ENSMUSG Gm14698	1.057443	0.922222	2.584931	0.755031	2.300632	2.186598
ENSMUSG Plod1	16.64624	19.18956	20.63605	17.29463	21.39235	20.442064
ENSMUSG Fis1	93.23696	90.72889	94.38474	89.17444	86.02422	91.326082
ENSMUSG Idi2	0	0	0	0.021935	0.074577	0.047825
ENSMUSG Ppip5k1	8.103603	7.922104	8.008561	7.444783	8.141095	9.125606
ENSMUSG Vmn2r11	0	0.006569	0	0	0	0
ENSMUSG Otogl	0.006266	0	0.020975	0	0.006391	0.019505
ENSMUSG Sycp2	0.059268	0.1508	0.175792	0.052141	0.041897	0.089629
ENSMUSG Trim5	0.478648	0.266084	0.533242	0	0.108184	0.226953
ENSMUSG Gng10	24.59804	19.83832	22.53413	29.0577	27.31315	27.974215
ENSMUSG Olfr1183	0	0	0	0	0	0
ENSMUSG Samd10	6.139293	6.001053	5.04497	5.35059	6.219855	5.580278
ENSMUSG Ripor1	41.42234	36.61945	40.66501	24.92892	25.243	23.680645
ENSMUSG 4930507D1	0.08722	0.049686	0.045126	0.033376	0	0.064465
ENSMUSG Slc35f1	0.043726	0.034135	0.028823	0	0.019043	0.027138
ENSMUSG Atp6v0a4	1.383066	1.187272	1.198369	1.915334	3.515939	3.202055
ENSMUSG Dock10	12.55492	11.20619	12.3252	14.01946	13.5242	14.159332
ENSMUSG Sh3glb1	47.70765	47.12976	46.04751	37.88367	37.84103	35.644811
ENSMUSG Cavin3	22.08037	18.87865	20.60228	17.59238	18.55264	18.851828
ENSMUSG Tbx20	0.04722	0.24203	0.044747	0.135771	0.10385	0.062766
ENSMUSG Afg3l1	8.317726	8.615693	9.005091	10.55947	9.093339	10.013336
ENSMUSG Glb1l3	0.9314	1.364882	1.020756	0.3924	0.382538	0.2466
ENSMUSG P4ha2	22.59119	22.09273	23.76147	13.74883	15.65454	15.434733
ENSMUSG Aars	16.51213	15.07375	17.15031	14.95364	15.85872	16.185643
ENSMUSG Bmper	5.854469	4.529709	5.849109	3.950846	4.449464	3.821271
ENSMUSG Cdh15	0.02554	0	0	0.212341	0.157635	0.220729
ENSMUSG Arrb1	61.71852	59.59657	57.94691	52.95507	54.18935	52.841728
ENSMUSG Acad8	9.438486	10.45217	10.01076	8.076755	9.351731	8.234481
ENSMUSG Krtap1-4	0	0	0	0	0	0
ENSMUSG Phf20l1	11.38385	12.18535	11.13092	11.53517	10.29157	10.123735
ENSMUSG Prph	0.060558	0.573807	0.033461	0	0.05927	0.059459
ENSMUSG Slc27a5	0.029339	0	0.040388	0.024186	0.035413	0
ENSMUSG Mzf1	0.39615	0.334625	0.292442	0.471871	0.432805	0.25118
ENSMUSG Zfp606	3.033777	3.326953	3.208484	3.202292	2.869167	2.963699
ENSMUSG 2900092C1	0	0	0	0	0	0
ENSMUSG Smok2a	0	0	0	0	0	0
ENSMUSG Smok2b	0	0	0	0	0	0
ENSMUSG Piga	3.537077	3.420876	3.799142	3.248787	3.061763	3.559542
ENSMUSG Vegfd	25.53956	25.9949	35.40591	22.07452	22.6085	16.687777
ENSMUSG Dusp9	0.348723	0.392179	0.326267	0.222475	0.075857	0.32642
ENSMUSG Gm4553	0	0	0	0	0	0
ENSMUSG Plxnb3	0.111724	0.09002	0.087438	0.28212	0.373911	0.240847
ENSMUSG Asb9	0	0	0	0	0	0
ENSMUSG Renbp	22.88014	22.76558	28.71426	27.46603	27.71925	32.178608
ENSMUSG Hcfc1	18.16107	16.82395	16.08907	17.01401	15.70643	17.25925
ENSMUSG Arhgap4	5.843373	4.19357	7.802362	9.686177	7.499752	8.577998
ENSMUSG Naa10	16.8574	17.66732	18.78335	22.04935	21.12095	23.148545
ENSMUSG Gm13288	0	0.016243	0.026674	0.013738	0	0
ENSMUSG Ifna4	0	0	0	0	0	0
ENSMUSG Gm10306	0	0	0	0	0	0
ENSMUSG Zfp352	0	0	0	0	0	0
ENSMUSG Foxb2	0	0	0	0	0	0
ENSMUSG Gm21663	0	0	0	0	0	0
ENSMUSG Olfr166	0.012905	0	0	0.011346	0.03162	0
ENSMUSG Tsnax	26.34725	25.62652	23.91817	22.4124	20.74501	22.904623
ENSMUSG Zfp663	0.349474	0.45569	0.775187	0.653136	0.457418	0.342754
ENSMUSG Ccdc63	0	0.019264	0	0.071822	0.023469	0.039016
ENSMUSG Sugp1	11.01004	10.80838	11.10565	9.270596	10.18448	10.023552

ENSMUSG Plin5	0.850213	1.260464	0.639422	1.286194	1.298386	0.972867
ENSMUSG 4930447A	0	0.067036	0	0	0	0
ENSMUSG Rsph4a	4.034021	4.981399	2.759676	5.721079	6.046275	5.258492
ENSMUSG Ywhaz	125.4494	114.866	121.6895	102.9763	103.8029	107.28976
ENSMUSG Grhl2	5.39011	6.100477	4.493244	5.523796	5.302824	5.229127
ENSMUSG Rnf19a	24.63773	26.02735	23.89915	18.58036	18.92597	19.737935
ENSMUSG Pabpc1	141.5146	147.4534	144.1687	171.4105	170.9188	165.21021
ENSMUSG Sp9	0	0	0	0	0	0.0122
ENSMUSG Sf3b4	24.44767	20.1768	21.94657	18.44412	20.09809	19.718267
ENSMUSG Hist2h2ac	0.8303	1.643442	0.508624	0.479883	0.608904	1.508792
ENSMUSG Hist2h2be	3.569798	4.42738	2.861858	4.244998	4.147563	3.662987
ENSMUSG Zcchc2	6.752365	6.62388	6.660332	6.494222	6.719045	6.584867
ENSMUSG Stx12	35.51932	33.66645	34.4888	28.09946	30.41084	29.59507
ENSMUSG Fam76a	29.39334	29.08741	27.14457	16.91518	18.66072	16.77701
ENSMUSG Snca	8.395324	10.76832	15.48785	4.500099	4.129984	3.462814
ENSMUSG Casp1	4.280824	4.254689	7.472293	11.35526	9.478534	9.06942
ENSMUSG Rspo1	7.910238	8.465386	6.740774	6.016461	3.511221	5.851679
ENSMUSG Cdca8	1.290292	1.19852	1.290337	3.132037	4.630629	4.087364
ENSMUSG Smad7	21.68027	18.89098	21.44397	12.96571	12.57804	9.975491
ENSMUSG Casp12	4.86457	3.976841	6.386458	7.221621	4.432784	5.021596
ENSMUSG Fgr	6.86125	6.180965	8.57255	9.04432	8.077504	7.770706
ENSMUSG Myo5b	17.25758	18.98932	14.27541	12.56358	12.22184	13.626171
ENSMUSG Epha10	0.012105	0	0	0	0	0.011858
ENSMUSG Mon2	18.39185	18.85778	16.79825	16.93573	18.0352	18.072073
ENSMUSG 2700049A	2.228312	2.138256	1.693884	1.731647	1.859604	1.822045
ENSMUSG Pof1b	6.430279	7.328876	6.24679	8.617606	6.81343	7.225258
ENSMUSG Nol8	5.412847	6.084132	5.429413	6.118538	5.563989	5.138527
ENSMUSG Cenpp	0.37053	0.188006	0.287563	0.662627	1.023699	0.746443
ENSMUSG Ogn	106.2027	109.7119	115.2464	99.66962	100.0896	85.318069
ENSMUSG Nxn12	0.08894	0.542661	0.265202	0.087679	0.095026	0.384471
ENSMUSG Spin1	26.24855	27.25448	26.37969	20.89194	20.30246	19.674364
ENSMUSG Defb12	0	0	0	0	0	0
ENSMUSG Qars	23.66087	22.67831	22.90851	28.81675	28.00689	30.110353
ENSMUSG Amt	3.376438	3.369159	3.354245	2.744432	2.990844	2.919821
ENSMUSG Nicn1	7.595218	9.850798	8.017141	7.293586	7.484542	6.887901
ENSMUSG Prkar2a	22.84392	24.97035	24.00894	20.12806	20.18749	19.89773
ENSMUSG Ncor2	28.1359	27.4849	24.80602	23.82363	22.19821	23.786023
ENSMUSG Slc25a20	14.99198	12.86704	12.57807	11.90474	12.31122	11.965547
ENSMUSG Morn3	1.294164	0.796733	0.623688	1.218805	1.112707	1.369979
ENSMUSG Rnf34	7.415812	7.752725	7.3944	7.62188	6.196724	7.280377
ENSMUSG Kdm2b	5.998431	5.622387	5.539929	7.275446	7.916331	8.32847
ENSMUSG Anapc5	62.8585	60.84147	67.94659	58.32851	53.21473	61.296184
ENSMUSG P2rx4	26.4992	28.57383	28.88323	45.60337	45.6212	47.454656
ENSMUSG Camkk2	7.817536	7.770459	7.700104	7.224585	7.275481	7.635494
ENSMUSG Exog	3.415034	3.149455	3.036311	2.454553	3.750475	3.216189
ENSMUSG Muc1	75.77303	71.14888	61.78151	81.20046	79.63371	86.540489
ENSMUSG Ly96	1.72263	1.575566	1.947577	5.798522	2.668342	4.11971
ENSMUSG Crisp4	0	0	0	0	0	0
ENSMUSG Gdap1	0.014285	0.040678	0	0.046269	0	0.040018
ENSMUSG Crisp1d1	0.63933	0.54041	0.498989	0.593219	0.494785	0.670826
ENSMUSG Fam166b	2.992689	2.578214	2.048923	4.962089	4.655769	3.99811
ENSMUSG Gm48552	0.242802	0.370914	1.634048	0.69384	0.118352	0.405431
ENSMUSG Cartpt	0	0	0	0	0	0
ENSMUSG Mccc2	8.399487	9.717051	7.803417	6.5793	7.513465	7.844563
ENSMUSG Naip1	0.111819	0.088602	0.116097	0.393665	0.395898	0.566986
ENSMUSG Serf1	3.370174	4.091387	3.94681	5.495701	5.719744	4.340176
ENSMUSG Mrgprx2	0	0	0	0.011324	0	0
ENSMUSG Rbm15b	9.674122	11.50535	10.72513	9.442371	9.53052	8.926596
ENSMUSG Pigu	13.61401	15.73346	15.96244	15.03671	16.15893	15.483353
ENSMUSG Rras	75.52903	68.96051	86.68548	53.43614	58.46373	59.775174
ENSMUSG Setd1b	9.502104	9.321235	8.980867	7.684466	7.971043	7.767504
ENSMUSG Olfr640	0	0	0	0	0	0
ENSMUSG Mpp6	3.466737	4.111813	3.562578	7.004253	8.644445	7.707533
ENSMUSG Zc2hc1c	1.880314	2.060521	1.479756	1.344762	1.496538	1.248538

ENSMUSG Pcdhb7	1.613816	1.187533	1.717011	0.914765	1.072748	0.87211
ENSMUSG Cnmd	0.148409	0.229328	0	0.078204	0.041122	0
ENSMUSG Sarnp	2.775923	5.167524	4.848718	11.03169	3.355621	3.103166
ENSMUSG Aplnr	41.4999	31.28277	26.73845	20.24459	22.69405	17.40926
ENSMUSG Alkbh2	2.344828	1.711737	2.283576	3.126117	1.97809	2.87924
ENSMUSG Ackr3	11.91327	9.952419	14.23677	7.094806	7.430197	7.282471
ENSMUSG Micu1	29.24991	28.65869	28.25467	23.41393	23.92407	24.884651
ENSMUSG Pno1	12.44357	11.12531	12.53514	12.73502	13.2664	13.509774
ENSMUSG Cand1	11.37056	11.42232	10.50967	9.994121	10.3834	10.654264
ENSMUSG Tbk1	19.29189	19.01437	20.52318	19.01838	17.72367	18.308299
ENSMUSG Aspm	0.259913	0.176126	0.191936	0.652331	0.806489	1.006164
Mus_musc Mus_musc	0	0.167386	0	0.485813	0	0
ENSMUSG Tnks1bp1	41.89075	39.96042	38.79241	26.92613	26.88016	27.794569
ENSMUSG Cst8	1.70538	1.608924	1.762063	0.844757	0.592818	0.653357
ENSMUSG Olfr1181	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Cst3	750.6224	729.9517	758.0176	839.4442	748.9882	853.67974
ENSMUSG Ttc30a1	1.439579	1.532627	1.175922	1.648968	1.538551	1.400979
ENSMUSG Pde11a	0.07065	0.022065	0.030206	0	0.042898	0.031966
ENSMUSG Ttc30b	6.158352	6.412471	4.815045	7.163051	6.331165	6.904268
ENSMUSG Ttc30a2	0.316158	0.523875	0.272375	0.685721	0.402065	0.434074
ENSMUSG Rtn4r	0	0.053188	0.026151	0.087367	0.074465	0.264209
Mus_musc Mus_musc	0.030426	0	0	0.262995	0.108149	0
ENSMUSG Drap1	88.55753	87.82998	99.01251	73.41443	68.02702	67.659794
ENSMUSG Fosl1	2.130035	2.105006	1.918865	1.403037	1.278192	1.381559
ENSMUSG Lrp5	42.46138	41.12653	48.4546	29.26363	32.52267	28.839554
ENSMUSG Ctsw	2.4512	1.968195	8.194637	3.943614	3.434109	4.362463
ENSMUSG Fibp	19.7133	17.36597	17.51373	17.37286	16.29828	17.558072
Mus_musc Mus_musc	0.192272	0.288363	0.384872	0.202171	0	1.119141
Mus_musc Mus_musc	0.261785	0.065847	0.105342	0.062756	0	0
ENSMUSG Cers1	0.603562	0.761	0.536045	0.354085	0.392421	0.524949
Mus_musc Mus_musc	0	0	0	0	0.315645	0
Mus_musc Mus_musc	0.372238	0.214464	0	0.069985	0	0
ENSMUSG Kantr	2.767839	2.943453	3.09235	2.34236	2.063411	2.149146
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0	0.220421	0	0
ENSMUSG Tmed4	38.54421	42.62801	45.22483	31.87408	31.34703	32.889477
ENSMUSG Ddx56	12.60278	11.16391	12.7745	10.0273	11.12122	10.34052
ENSMUSG Rbms2	30.81668	30.45043	31.50747	23.37813	23.47433	21.983793
ENSMUSG Ift88	5.489038	5.377294	4.144079	5.166308	4.795724	5.117448
ENSMUSG Mthfd2	1.85752	1.470786	3.11673	4.959032	4.870532	4.855831
ENSMUSG Gm49425	0	0	0	0	0	0
ENSMUSG Olfr732	0	0	0	0	0	0
ENSMUSG Ckap5	11.17825	11.44044	10.13864	9.188465	10.83391	10.267371
ENSMUSG Tex2	9.8637	10.79972	9.813773	9.1281	10.09373	10.256738
ENSMUSG Pitpnm3	6.426848	7.378881	6.403981	5.767602	5.842203	6.152396
ENSMUSG Tmem225	0	0	0	0	0	0
ENSMUSG Olfr1268-Ꞥ	0	0	0	0	0	0
ENSMUSG Trp53bp2	35.20007	30.15975	29.40183	20.40546	20.56579	21.916664
ENSMUSG Srp9	34.95406	33.34782	40.14418	47.09029	46.18839	44.598806
ENSMUSG Cnih3	0.033124	0.011567	0	0	0.010426	0
ENSMUSG Nvl	4.003205	4.070414	3.618502	3.721781	3.851891	4.466782
ENSMUSG Tmem63a	26.8123	26.32159	26.93616	23.60868	24.2051	23.697299
ENSMUSG Gm21903	0	0	0	0	0	0
ENSMUSG Gm21904	0	0	0	0	0	0
ENSMUSG Tdpoz5	0	0	0	0	0	0
ENSMUSG Coro1c	58.54677	50.88698	53.63586	48.31541	51.01707	54.049984
Mus_musc Mus_musc	0.798752	0.454822	0.486581	0.541339	0.430856	0.793856
Mus_musc Mus_musc	0.073738	0.053394	0.141462	0.309897	0.531223	0.348828
ENSMUSG Tax1bp1	98.87486	89.64024	88.3207	74.3224	75.28435	72.156962
Mus_musc Mus_musc	0.29595	0.294441	0.408854	0.224957	0	0.145314
ENSMUSG Catsperb	0.01771	0	0	0	0	0
ENSMUSG Klrg2	1.257882	0.990351	0.932905	0.910636	1.478868	1.162471
ENSMUSG Fbxo41	0.024356	0.055967	0	0.021897	0.042676	0.0311

ENSMUSG Ttc29	2.561111	3.202749	1.784688	3.610873	3.123583	3.175485
ENSMUSG Dmd	6.419923	6.149253	7.20938	4.260495	2.552832	4.638618
ENSMUSG Crot	12.36313	12.5189	10.38577	12.46164	12.28225	11.209695
ENSMUSG Dcaf15	6.79421	5.687055	8.288585	7.373503	6.777506	8.604137
ENSMUSG Sec24b	16.47223	16.04197	14.75678	14.00982	15.27861	14.544093
ENSMUSG Socs5	11.85728	13.5641	12.27772	9.3673	10.01673	10.646251
ENSMUSG Atp2a1	0.402052	1.662339	0.473024	0.96783	0.692428	0.273343
ENSMUSG Fam131b	0.183038	0.197248	0.214011	0.162695	0.204343	0.11552
ENSMUSG Zyx	75.46009	62.42397	82.15514	61.93685	59.86166	66.321961
ENSMUSG Casp2	10.86624	12.57033	11.76334	11.07142	10.26094	10.42087
ENSMUSG Clcn1	0.031825	0.0454	0.039172	0.014726	0.032704	0.015587
ENSMUSG Sval1	0	0	0	0	0	0
ENSMUSG Gstk1	32.19818	32.42407	29.52134	25.00011	23.51596	22.071362
ENSMUSG Llcf1	0	0	0	0	0	0
ENSMUSG Kel	0	0.031047	0	0	0	0
ENSMUSG Ephb6	3.189162	2.848889	2.347885	2.523304	1.534976	2.658387
ENSMUSG Trpv6	1.55739	1.831074	1.619068	2.506476	1.783605	1.774195
Mus_musc Mus_musc	0.716629	0.415789	0.422186	0.60808	0.204445	0.569839
Mus_musc Mus_musc	14.34539	15.4607	11.25505	35.45891	52.20583	48.458092
ENSMUSG Otog	0	0	0	0	0	0
Mus_musc Mus_musc	1.522318	1.840918	1.384328	1.309453	1.297934	1.191619
Mus_musc Mus_musc	4.292896	0	4.357416	1.431895	2.143081	0
Mus_musc Mus_musc	3.284926	4.30687	5.526394	6.985563	7.593735	8.902299
Mus_musc Mus_musc	0.308765	0.133178	0.121969	0.074693	0.148237	0.170621
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.168138	0	0.378025	0	0	0.180449
Mus_musc Mus_musc	0.571984	0.873145	1.229017	0.447043	0.878361	0.665674
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0.293329	0.229978	0	0	0.181161	0.167814
ENSMUSG Rhox2d	0	0	0	0	0	0
ENSMUSG Olfr786	0	0	0	0	0	0
ENSMUSG Ube2a	19.25826	18.55796	17.99242	18.88649	18.57908	17.829713
ENSMUSG Gm21905	0	0	0	0	0	0
ENSMUSG Tshz2	4.428705	4.284999	3.083948	5.077147	5.726912	4.674018
ENSMUSG Gm16503	0.061971	0.047378	0	0.084346	0.014957	0
ENSMUSG Erich3	1.164824	1.61441	0.785548	1.781124	1.737038	1.654335
ENSMUSG Ankrd16	9.301755	9.85459	11.50376	8.827728	8.555592	9.103909
ENSMUSG mt-Co3	1757.547	2021.716	1725.672	2344.71	2019.738	1833.1478
Mus_musc Mus_musc	0.373683	0.045281	0	0	0.120738	0.06295
Mus_musc Mus_musc	0	0	0	0	0	0.101987
ENSMUSG mt-Co1	5211.775	6115.043	5225.002	6303.204	6482.064	5716.9395
ENSMUSG Cluap1	8.261069	7.802883	8.057278	6.447318	7.73036	7.216839
Mus_musc Mus_musc	0.506196	0.424011	0.918002	0.580989	0.576501	0.586317
Mus_musc Mus_musc	0.07658	0	0	0	0.186692	0
Mus_musc Mus_musc	0	0	0	0	0.235556	0.251163
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Sbsn	2.621158	2.517451	1.590239	1.757564	0.742822	2.441679
ENSMUSG Eid2	3.673097	3.681916	3.820793	2.928897	3.681809	3.400697
ENSMUSG Ergic1	23.63429	22.08045	23.5291	24.95301	27.39906	26.97432
ENSMUSG A930002H	0.238097	1.14697	0.545265	0.632754	0.738042	0.841941
ENSMUSG Hcar2	4.423026	3.882117	4.003874	3.20875	3.643886	2.958527
ENSMUSG Sys1	13.28606	5.335469	8.508687	6.890541	11.02128	11.516597
ENSMUSG Olfr1367	0	0	0	0	0	0
ENSMUSG Gpr150	0	0	0	0.146446	0.038453	0.009784
ENSMUSG H2a1h	0	0	0	0	0	0
ENSMUSG Fgf14	0.10595	0.185103	0.104274	0.063086	0.084498	0.107102
ENSMUSG Gm21936	0	0	0	0	0	0
ENSMUSG Mococ	5.572706	5.14358	6.083534	6.241514	6.122133	6.257384
ENSMUSG Farp1	23.62912	21.81331	21.761	15.76844	15.79456	15.673818
ENSMUSG Nat9	14.7807	15.55701	17.28399	17.78146	15.42677	16.233694
ENSMUSG Chtf18	0.862014	0.666941	0.61524	0.998479	1.17533	1.367512
ENSMUSG Gm5150	1.93601	1.67232	2.442187	2.818932	3.349911	2.622222
ENSMUSG BC024978	2.761094	2.193191	2.159524	2.091923	2.037539	2.10739
ENSMUSG Cyp2t4	0.138827	0.34243	0.226725	0.136066	0.062164	0.124016

ENSMUSG 1810022K	19.43141	18.24672	19.78986	23.84139	19.59351	17.829056
ENSMUSG Dph1	3.571513	2.818217	2.434867	3.925641	3.326868	3.153611
ENSMUSG Btd35f12	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.298927	0	0	0.271976
Mus_musc Mus_musc	0	0	0	0.115939	0.171043	0.315825
Mus_musc Mus_musc	0	0	0	0.147889	0	0
Mus_musc Mus_musc	0.332352	0.257316	0.656657	0.101698	0.321741	0.107641
ENSMUSG Eif1ax	13.71135	13.18067	13.32296	11.38776	10.73719	10.726089
ENSMUSG Frat1	0.982238	0.687072	0.385826	0.770158	0.688419	0.614917
ENSMUSG Ostc	34.74916	37.93036	41.57302	50.73085	55.39811	55.768639
ENSMUSG Hk2	3.800585	4.171615	3.772286	4.9054	4.847042	5.748512
ENSMUSG Rgs10	14.80743	16.39335	15.69883	23.89643	21.6471	24.781534
ENSMUSG Sema4f	6.979989	6.423293	6.899322	5.053113	5.224996	5.375908
Mus_musc Mus_musc	0	0	0	0.228435	0	0
Mus_musc Mus_musc	0.38842	0.900092	0.454397	1.30972	1.359903	0.920168
Mus_musc Mus_musc	4.056746	4.864416	4.316297	3.65915	3.617266	3.808518
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	7.315897	6.226134	8.095404	6.466617	5.580991	4.771829
Mus_musc Mus_musc	0.357099	0.345355	0.255064	0.872389	1.040979	1.212573
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Naaladl1	0.192442	0.048905	0.058934	0.073269	0.029454	0.188623
ENSMUSG Slc2a8	7.620752	6.576547	6.751316	5.784877	6.010132	5.931239
ENSMUSG AV320801	0.007627	0.02971	0	0.03281	0.033201	0.049683
ENSMUSG Mup4	0	0	0	0	0	0
ENSMUSG Olfr517	0	0	0	0	0	0
ENSMUSG Olfr514	0	0	0	0	0	0
ENSMUSG Olfr467	0	0	0	0	0	0
ENSMUSG Rrs1	8.044037	7.188039	8.39418	8.229825	8.81237	8.726722
ENSMUSG Elmo3	9.422439	9.611389	8.185797	8.53119	7.170064	8.428079
ENSMUSG Gm4985	0	0	0	0	0	0
ENSMUSG Ttbk2	5.598496	5.904686	4.393498	4.066988	4.47629	4.161482
ENSMUSG Gm11492	0	0	0	0	0	0
ENSMUSG Pfpl	0	0	0	0	0	0
ENSMUSG Plcb2	4.152671	3.225388	3.37887	5.609902	5.598367	5.60565
ENSMUSG Vmn2r100	0	0	0	0	0	0
ENSMUSG Fam71f2	2.313265	1.605985	1.065022	0.789414	0.902135	0.94934
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Zfp658	1.883218	1.930378	2.149282	2.038822	2.155549	1.935408
ENSMUSG Trnp1	1.20356	0.95459	1.013617	0.49764	0.435145	0.823827
ENSMUSG Vmn1r211	0	0	0	0	0	0
ENSMUSG Cyp19a1	0	0	0	0	0	0
ENSMUSG Olfr120	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.30563	0	0.238482	0.271224	0
ENSMUSG Ints9	9.750808	9.291276	8.913498	7.854154	9.089626	9.791972
ENSMUSG Tagap1	5.999114	6.161692	5.867864	5.897808	5.187496	5.528336
ENSMUSG Pfdn4	8.482644	7.801206	8.673552	10.62054	8.994431	8.328996
ENSMUSG Rdh16	0	0	0	0	0	0
ENSMUSG Idh3a	18.69207	22.01159	20.0456	20.24368	20.19689	20.740268
ENSMUSG Eloc	16.2527	17.50187	18.5939	16.57912	14.02362	18.385762
ENSMUSG Ext1	6.39796	6.455797	5.831627	6.348921	7.157409	6.384675
ENSMUSG Tmc6	14.4655	15.53448	15.73813	14.70451	13.82212	15.400735
ENSMUSG Tnrc6c	11.39242	10.72739	8.301668	7.378478	7.902536	9.08415
ENSMUSG Net1	41.80886	41.59275	32.69397	29.15578	32.07865	29.379819
ENSMUSG Cbx2	1.806334	2.049188	1.921488	1.886549	1.628348	1.788982
ENSMUSG Rbfox3	2.448018	2.538415	2.195492	1.351118	1.04656	0.956829
ENSMUSG Cant1	21.04253	21.22179	22.06718	21.09212	20.32934	23.385415
ENSMUSG Tk1	1.455846	1.826781	1.371718	3.952213	5.569425	5.999784
ENSMUSG lft52	12.1156	14.07938	11.40163	10.84079	12.66867	12.026634
ENSMUSG Gaa	19.69979	18.2181	20.30252	22.771	23.55729	26.046751
ENSMUSG Cbx8	2.925685	2.304768	3.124021	2.717378	3.141907	3.860785
ENSMUSG Bmp1	9.887077	9.836619	11.51482	11.02128	10.85095	11.024063
ENSMUSG Sart1	12.30899	11.06328	12.45626	8.717522	10.16793	10.594201
ENSMUSG Ifi44l	1.457244	1.314544	4.102717	2.26828	1.661915	1.490891
ENSMUSG Camk1d	2.758042	2.564145	2.937726	5.231133	5.265142	5.806999

ENSMUSG Synj2	5.202913	4.78087	4.311416	5.059729	5.03473	5.613069
ENSMUSG Rsph3b	5.300662	7.343141	5.751379	7.217037	6.713876	9.128184
ENSMUSG Tiam2	0.620917	0.558561	0.480429	0.630457	0.655592	0.588163
ENSMUSG Nox3	0	0	0	0	0	0
ENSMUSG Rps6ka2	7.381756	7.393372	7.164047	5.446257	6.573427	5.754895
ENSMUSG Obp1b	0	0	0	0	0	0
ENSMUSG Brd9	16.50332	14.06061	16.39879	13.8127	12.48172	14.054142
ENSMUSG Ppp3cc	5.978462	4.997558	5.989761	8.827948	8.509212	9.461101
ENSMUSG Ccl3	1.362369	0.92646	2.033189	3.196127	4.584686	3.934156
ENSMUSG Tln2	4.73811	5.231173	4.10493	3.420112	3.437759	3.163853
ENSMUSG Pim3	33.25794	31.68954	28.0662	16.68841	23.32904	19.342249
ENSMUSG Ppp1r26	3.240802	3.457245	3.048863	2.147839	2.365863	2.005308
ENSMUSG Trmt112	25.05962	26.14466	25.86934	24.64281	23.89663	24.236125
ENSMUSG Gngt2	22.5649	22.66562	33.09033	28.66924	25.33436	28.640332
ENSMUSG Tk2	11.44884	11.28685	11.56403	11.45277	9.482249	11.862792
ENSMUSG Zfp943	6.009197	6.53488	5.774237	6.1823	4.46498	4.783404
ENSMUSG Gm4303	0	0	0	0	0	0
ENSMUSG Bmyc	17.18795	15.71066	16.93177	15.21446	15.04288	13.552211
ENSMUSG Mrpl35	3.322592	3.479881	3.431025	3.527206	3.600037	3.496299
ENSMUSG Gng5	97.64124	101.8434	95.87856	102.428	104.0094	97.357331
ENSMUSG Aard	7.278545	7.405128	6.767973	4.168771	5.160631	5.161177
ENSMUSG Igf1	1.054419	1.156353	0.732453	12.53529	13.36096	16.61194
ENSMUSG Capza1	41.92283	37.53882	37.11394	43.0869	47.12255	47.45404
ENSMUSG Ccdc102a	5.737147	5.852995	5.539551	4.899375	4.807054	5.395911
ENSMUSG Dram1	122.6386	129.089	108.8802	118.9032	112.8881	129.48392
ENSMUSG Washc3	12.0066	13.51026	11.7272	13.67143	14.17978	15.14034
ENSMUSG Olfr406	0	0	0	0	0	0
ENSMUSG Slc35a4	31.74679	29.52044	29.7775	27.40914	27.87097	31.812048
ENSMUSG Gm21440	0	0	0	0	0	0
ENSMUSG Olfr403	0	0	0	0	0	0
ENSMUSG Amer2	0.03814	0.021899	0.041937	0.032912	0.010662	0.060794
ENSMUSG Mtmr6	27.11024	27.76217	26.36314	21.65699	22.95513	22.389449
ENSMUSG 4932438H	0.09948	0.070428	0.046892	0.114433	0.082147	0.180961
ENSMUSG Endov	6.316771	6.094745	5.271913	4.604499	5.645521	5.357044
ENSMUSG Trim14	6.441794	5.417038	5.963323	7.625585	6.957394	8.792356
ENSMUSG Rere	25.5479	26.40762	25.29332	20.45044	21.24958	19.104779
ENSMUSG Adam10	30.09985	31.6464	31.70909	37.64385	38.1948	38.672596
ENSMUSG Emcn	20.33121	20.23277	15.43395	11.08099	11.7806	13.569655
ENSMUSG Ptrhd1	1.004563	1.22126	1.362562	1.196697	1.230415	0.928468
ENSMUSG Kctd17	9.365634	11.50348	10.68522	13.90545	13.2631	12.427766
ENSMUSG Wdr3	8.74524	8.679828	9.020823	8.995614	8.506461	9.576208
ENSMUSG 4930555G	0	0	0	0	0	0
ENSMUSG Btbd35f2	0	0	0	0	0	0
ENSMUSG Acsl3	7.621093	8.003113	7.173101	8.724516	9.212578	10.155358
Mus_musc Mus_musc	0	0.058683	0.314385	0	0.137283	0
ENSMUSG C030006K	8.517157	7.300229	7.893825	8.283866	6.352725	7.343216
ENSMUSG Haspin	0.797494	0.593349	0.898788	1.429038	1.637245	1.362651
ENSMUSG Gm6685	8.978009	10.47546	6.217028	7.292962	6.454815	6.604789
ENSMUSG Synj2bp	16.76237	17.00163	16.27453	13.70165	13.19833	13.222692
ENSMUSG Sh3bp2	5.668343	5.411241	7.524146	9.293221	8.968478	9.786536
ENSMUSG Ms4a5	0	0	0	0	0	0
ENSMUSG Fam53b	23.23884	21.06488	18.62015	18.00274	19.82918	17.397675
ENSMUSG Olfr1500	0	0	0	0	0	0
ENSMUSG Gp2	0	0.218282	0	10.56692	3.645325	3.564092
ENSMUSG Vmn1r235	0	0	0	0	0	0
ENSMUSG Bambl	6.009298	4.278387	4.443014	2.54851	2.541172	2.80178
ENSMUSG Hmx2	0	0	0	0	0.013842	0.01729
ENSMUSG Dcpp1	0	0	0	0	0	0
ENSMUSG Tmem160	5.967658	6.881955	7.495392	8.512699	9.740887	9.40868
ENSMUSG Gm8104	0	0	0	0.037271	0	0.046829
ENSMUSG Taar8a	0	0	0	0	0	0
ENSMUSG Tmem255	0.369888	0.524497	0.286142	0.31395	0.428509	0.147022
ENSMUSG Rnf13	44.39645	45.39843	44.56883	43.62614	43.43909	42.792467
ENSMUSG Mnd1	0.890517	0.719787	0.657306	0.910452	1.122501	0.828312

ENSMUSG Fam13b	17.73904	18.46308	16.86645	15.09755	15.81865	14.657075
ENSMUSG Phpt1	14.36514	16.09526	14.7619	16.9585	13.12346	14.132019
ENSMUSG Lypd5	0	0	0	0	0.06237	0
ENSMUSG Slc18b1	4.594737	5.628156	4.567999	4.803514	4.473847	5.06701
ENSMUSG Zfp108	0.962563	1.319007	1.283181	0.950503	1.110519	0.848478
ENSMUSG Pri2c1	0	0	0	0	0	0
ENSMUSG Slc22a20	0	0	0	0.022933	0	0
ENSMUSG Olfr709-ps	0	0	0	0	0	0
ENSMUSG Azin1	27.76347	29.89588	26.58636	31.88559	30.40844	34.083261
ENSMUSG Crct1	0	0	0	0.072709	0	0
ENSMUSG Lce1m	0	0	0	0	0	0
ENSMUSG Spink13	0	0	0	0	0	0
ENSMUSG Ppp1r12b	8.500908	9.262283	8.287867	8.032203	7.421901	7.787676
ENSMUSG Lce1g	0	0	0	0	0	0
ENSMUSG Gm4951	2.089104	1.639004	11.1069	9.310819	1.805093	1.984755
Mus_musc Mus_musc	0	0.603721	0	0	0	0
ENSMUSG Il18rap	2.246205	1.408636	5.458479	1.948703	1.589195	1.691018
ENSMUSG Il1rl1	0.917212	1.162259	1.06471	2.963443	3.81711	3.593603
ENSMUSG Nosip	27.60774	26.18759	29.42643	21.09723	21.17998	21.570815
ENSMUSG Fcgrt	49.84686	45.4328	46.06537	44.53546	55.13835	50.695421
ENSMUSG Pih1d1	24.8767	25.06043	25.92783	24.80673	24.56432	23.919733
ENSMUSG Slc9a2	0.611574	0.626326	0.326216	0.295418	0.305425	0.180296
ENSMUSG Pih1d3	0	0	0	0	0	0
ENSMUSG Rps11	360.3116	370.4262	380.9976	452.9624	402.7639	442.01418
ENSMUSG Slc9a4	1.842626	2.032699	2.091875	2.559074	2.300199	2.959834
ENSMUSG Arhgdib	61.22998	54.9268	80.53902	90.9014	86.34962	97.462037
ENSMUSG Cd300ld3	3.939036	2.934945	4.8417	13.61749	9.740862	12.735943
ENSMUSG Rerg	7.20722	6.27262	7.951529	2.720998	3.814424	2.588786
ENSMUSG Ank3	9.05976	10.46302	8.865433	12.48343	10.75018	14.455051
ENSMUSG Strap	28.96298	29.26001	29.83435	28.34506	27.61152	30.837122
ENSMUSG Lmo3	0	0	0	0	0	0
ENSMUSG Pik3c2g	1.237934	1.320942	0.854625	1.602439	1.68057	0.946217
ENSMUSG Cd300ld4	3.371443	2.205803	3.635461	11.75761	8.6158	9.773315
ENSMUSG Igsf8	16.41569	17.81707	18.35312	23.08805	22.77753	25.220215
ENSMUSG Dtx3l	9.506645	8.216356	13.36791	11.31364	8.606249	9.149604
ENSMUSG Socs1	0.830437	0.45582	1.431167	1.977151	2.036571	2.33247
ENSMUSG Proser1	6.217336	5.747761	5.793487	4.404901	4.954611	4.606036
ENSMUSG Sppl2c	0	0	0	0	0	0
ENSMUSG Gcc2	13.52846	12.94633	13.31556	11.41891	11.39454	10.138022
ENSMUSG Bcl9l	22.53787	22.10985	22.51023	16.56554	16.4367	16.763401
ENSMUSG Zfp947	0.290493	0.513218	0.23064	0.385962	0.394121	0.334896
ENSMUSG Mtbp	1.959194	1.988293	2.035324	1.846027	2.178943	2.130818
ENSMUSG Olfr1387	0	0	0	0	0	0
ENSMUSG Gm29394	0.311695	0.24536	0.280719	0.18561	0.138768	0.372064
ENSMUSG Zhx1	22.35816	24.30701	22.319	18.61311	18.63216	18.265529
ENSMUSG Atad2	4.852792	5.665312	4.699064	5.548895	5.663062	5.811864
ENSMUSG Has2	0.04287	0.017554	0.011962	0.167815	0.138268	0.305774
ENSMUSG Slc22a22	0	0.080543	0	0.034171	0.087906	0
ENSMUSG Derl1	34.70418	32.19174	33.32658	37.19627	37.96855	37.214787
ENSMUSG Tbc1d31	1.905241	2.386788	2.345051	3.489386	3.128448	2.864683
ENSMUSG Rprml	16.47882	13.63081	19.0846	10.93562	9.507261	10.489316
ENSMUSG Olfr735	0	0	0	0	0	0
ENSMUSG Cym	0	0	0.033213	0.078701	0	0
ENSMUSG Zfp619	1.207036	0.909207	1.092212	0.775828	0.841507	0.773064
ENSMUSG Olfr338	0.004619	0	0	0	0	0
ENSMUSG Gm8113	0.37574	0.545952	0.435658	5.011098	5.148139	3.568574
ENSMUSG Fxyd7	0.835916	0.704902	0.858152	0.147165	0.286369	0.329834
ENSMUSG Bricd5	0.013612	0	0.014329	0	0	0.044646
ENSMUSG Tet3	12.95643	13.10372	11.60563	10.78371	12.47548	11.801209
ENSMUSG Tespa1	0.988959	0.949122	1.458201	1.584038	1.730276	1.485961
ENSMUSG Gnat1	0.072716	0.108507	0.25921	0.190536	0.065438	0.088691
ENSMUSG Larp6	0.768463	1.422428	1.182899	0.929988	0.926269	0.823629
ENSMUSG Unc5cl	0.08898	0.259466	0.148519	0.651431	0.348235	0.247788
ENSMUSG Snrpn	7.595552	9.349981	7.821793	6.56087	5.474956	5.411089

ENSMUSG Apccd1	5.29108	5.405951	5.010445	2.870744	3.429363	3.570443
ENSMUSG Dagla	3.021152	2.963181	2.89238	2.776554	2.875333	2.734097
ENSMUSG Eps15l1	15.94145	13.47577	16.24601	13.16605	13.35019	14.324536
ENSMUSG Atp6v1b2	59.14916	57.29692	59.20206	78.45841	82.95511	87.477203
ENSMUSG Vax1	0	0	0	0	0	0
ENSMUSG Cyp2c37	0	0	0	0	0	0
ENSMUSG Grk3	11.90675	12.45918	12.26199	12.1979	11.74498	12.83291
ENSMUSG Tmc7	1.03895	1.222373	0.93123	0.948668	0.665251	0.739338
ENSMUSG Pglyrp3	0	0	0	0.130944	0	0
ENSMUSG E330021D	0	0.020187	0	0.032566	0	0
ENSMUSG Crybb2	0	0	0	0	0	0
ENSMUSG Ctsd	353.264	326.8961	369.7658	597.2705	714.6199	880.22754
ENSMUSG Rplp1	680.0826	668.0107	756.9083	780.0593	727.2658	776.85944
ENSMUSG Gm10959	0	0	0	0	0	0
ENSMUSG Gm47985	0	0	0	0	0.014364	0.03237
ENSMUSG Cbs	1.846052	1.913312	1.397243	0.785338	0.9312	0.777462
ENSMUSG Ndufv3	20.78094	25.64116	23.94389	26.86462	24.74803	30.277629
ENSMUSG Vmn1r139	0	0	0	0	0	0
ENSMUSG Gm11146	0	0	0.036955	0	0	0
ENSMUSG Rsph1	9.93877	13.31488	7.474337	16.70189	16.45951	15.270526
ENSMUSG Tff1	0	0	0	3.872769	2.010262	3.9076
ENSMUSG Tmprss3	0	0	0	0.058288	0.057789	0
ENSMUSG Wdr4	4.733572	3.98884	4.679878	3.882107	3.831754	4.265626
ENSMUSG Slc37a1	12.6852	11.23926	11.33938	8.569658	8.933542	8.496256
ENSMUSG Bcl2l15	0	0	0	0.06042	0.087613	0.440517
ENSMUSG Rnf182	0	0	0	0	0	0.015591
ENSMUSG Foxo1	8.999101	8.394531	7.020881	6.50967	7.392263	6.382919
ENSMUSG Tnip3	0.290453	0.3037	0.267882	1.638569	2.955302	2.392271
Mus_musc Mus_musc	0.236338	0.035167	0.602477	0	0	0.21446
Mus_musc Mus_musc	0	0	0.44015	0	0	0.131482
Mus_musc Mus_musc	0.107193	0.094818	0.024742	0.735398	0.210333	0.682734
ENSMUSG Tmco6	5.556884	5.199508	5.400486	6.377448	6.653531	5.484219
ENSMUSG Dsg4	0	0	0	0	0	0
ENSMUSG Rbp3	0	0	0	0	0	0
ENSMUSG Serpina3a	0	0	0	0	0	0
ENSMUSG Ago1	20.44911	20.04091	17.98108	17.55198	18.05455	16.988859
ENSMUSG H2-Ob	2.229603	1.630937	2.280976	5.703747	4.448167	5.435585
Mus_musc Mus_musc	0	0	0	0.0571	0	0
Mus_musc Mus_musc	0.23261	0.167765	0.188115	0	0.260648	0.61173
Mus_musc Mus_musc	0	0	0	0	0	0.506935
Mus_musc Mus_musc	0	0.154394	0	0	0	0
Mus_musc Mus_musc	0.273674	0.502071	0.352731	0.66819	0.355537	0.729542
Mus_musc Mus_musc	0	0	0.222551	0	0.083285	0
ENSMUSG Phc1	6.907185	7.599207	7.192983	5.261159	5.822272	5.685993
ENSMUSG Clcf1	4.618093	4.693541	6.09091	3.651118	4.48091	3.573279
ENSMUSG Cyp2b9	0.361795	0.048955	0	0	0	0
ENSMUSG Rad54l2	5.729006	5.437947	5.051146	4.787184	4.981091	5.028374
ENSMUSG Sh3bgr	2.659166	2.970545	1.414565	3.233615	2.793671	2.170546
ENSMUSG Nup88	20.61617	17.77139	19.10687	17.91552	19.25427	20.411111
ENSMUSG Lrp2	4.320007	4.393945	3.484239	4.243319	5.11022	5.982867
ENSMUSG P2rx3	0.050328	0.067988	0.073187	0.078749	0.06017	0
ENSMUSG Prg3	0	0	0	0.135509	0.115478	0.099177
ENSMUSG Prg2	0.043979	0.149706	0.283845	5.896826	9.27817	9.093263
ENSMUSG Slc43a3	178.3514	177.4047	218.3169	131.8045	133.9283	112.36562
ENSMUSG Slc43a1	1.731683	2.10117	1.582013	0.877455	0.514153	0.912884
ENSMUSG Timm10	6.246186	7.479079	6.60385	8.373455	7.456059	7.729282
ENSMUSG Gimap9	11.43693	10.43315	13.54995	12.65515	11.2074	10.007617
ENSMUSG Ube2l6	35.27564	33.8515	56.49129	25.88922	22.204	21.752928
ENSMUSG Clp1	6.357777	6.794367	7.024059	7.874529	6.639153	6.333224
Mus_musc Mus_musc	0	0.308619	0	0	0	0
ENSMUSG Bcl11a	0.774248	0.474016	0.587701	1.065364	1.12521	1.203182
Mus_musc Mus_musc	0.379701	0.488415	0.328532	0.485129	0.470666	0.576998
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.071677	0.184186

ENSMUSG Ii4	0.267533	0.249512	0.418292	0.751848	0.584423	1.247988
ENSMUSG Oas1h	0	0	0	0	0	0
ENSMUSG Cyp4a30b	0	0	0	0	0	0
ENSMUSG Iqca	2.346015	3.006883	1.50677	3.084186	2.541529	2.748993
ENSMUSG Mlph	6.038749	5.904145	4.171585	10.08151	10.30316	11.621229
ENSMUSG Lrrfip1	49.63125	49.69436	50.81711	41.98367	42.41236	46.818833
ENSMUSG Rab17	0.401223	0.28342	0.490939	0.661743	0.372875	0.373503
ENSMUSG Ces1c	0.030344	0	0	0.071396	0.045958	0
ENSMUSG Ilkap	23.75536	24.26066	27.6011	20.50474	22.57947	19.102377
ENSMUSG Kih130	0.047114	0.145867	0.225813	0.314288	0.061647	0.03196
Mus_musc Mus_musc	0.642001	0.783855	0.138118	0.378492	0.180074	0.159021
Mus_musc Mus_musc	0.574163	0.503845	0.67193	0.351288	0.382418	0.622193
Mus_musc Mus_musc	0.260996	0	0.225683	0	0	0.094404
Mus_musc Mus_musc	6.809874	7.176357	8.294727	7.945399	5.963868	6.438564
ENSMUSG Zfp53	3.481823	3.757012	3.373295	4.322836	3.011538	3.543302
ENSMUSG Hipk2	20.19074	22.05578	13.26345	19.14141	19.8697	18.794749
ENSMUSG Cdc20	2.40333	3.323802	2.817173	7.242925	8.519648	10.845929
Mus_musc Mus_musc	0.29304	0.06948	0.139159	0	0.093509	0.130505
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0.370234	0.283718	0.344318	2.479031	2.943892	2.204901
Mus_musc Mus_musc	0.464573	0.528479	0.552928	0.369682	0.94336	0.216665
Mus_musc Mus_musc	0.474343	0.470246	2.472929	0.850173	1.055779	1.169677
Mus_musc Mus_musc	0.12433	0	0.216599	0.264057	0	0.566059
Mus_musc Mus_musc	0	0	0.154858	0.233416	0.041299	0
Mus_musc Mus_musc	0.174214	0.046823	0.732598	0.240085	0.156563	0.156877
ENSMUSG Cyth2	24.47417	21.9949	22.19981	17.00621	19.38476	18.716933
ENSMUSG Gm20806	0	0	0	0	0	0
ENSMUSG Vmn1r95	0	0	0	0	0	0
ENSMUSG Olfr799	0	0	0	0	0	0
ENSMUSG Gm5416	0	0	0	0	0	0
ENSMUSG Csn1s2b	0	0	0	0	0	0
ENSMUSG Rnf138rt1	0.086201	0.111942	0.032624	0.124339	0.092171	0.035724
ENSMUSG Olfr1490	0	0	0	0	0	0
ENSMUSG Fut10	2.172979	2.459741	2.113698	1.744731	1.88292	2.005105
Mus_musc Mus_musc	0.206466	0.286178	0.370721	0	0.22879	0
ENSMUSG Olfr918	0	0	0	0	0	0
Mus_musc Mus_musc	2.588062	3.11621	2.213243	2.170129	2.331056	2.338902
ENSMUSG Tmem229l	8.98786	9.177763	10.46413	11.38346	9.206009	10.919837
Mus_musc Mus_musc	0.064463	0.146181	0.211355	0.117363	0.135985	0
ENSMUSG Gm11756	0	0	0	0	0	0
ENSMUSG Chrm3	1.35462	0.991194	0.958654	0.618135	0.487678	0.503388
ENSMUSG Gm8165	0.080447	0	0	0	0	0
Mus_musc Mus_musc	16.08168	15.26764	11.98106	13.37117	18.64162	13.840881
ENSMUSG Pbld2	1.802409	1.926739	1.280845	4.600925	4.463737	5.978309
ENSMUSG P2ry14	6.046591	5.677123	5.722935	9.572289	11.72658	11.640314
ENSMUSG Lactbl1	0	0	0	0	0	0
ENSMUSG Dbf4	3.111867	3.127581	3.153801	3.843722	4.166215	4.47605
ENSMUSG Vdac3	41.46382	42.56189	45.20243	41.24616	41.58453	43.569889
ENSMUSG Vrk2	3.844009	4.715256	3.887241	5.461537	5.25843	5.296999
Mus_musc Mus_musc	0.675149	1.289581	0.882044	1.150627	0.789624	1.209548
ENSMUSG Zbtb8os	3.411007	3.130484	3.518522	4.11924	4.28691	3.3471
ENSMUSG Mtif3	6.185601	7.850677	7.025911	5.426681	5.833439	6.269127
ENSMUSG Olfr585	0	0	0	0	0	0
ENSMUSG Gm44965	0	0	0	0	0	0
ENSMUSG Slx	0	0	0	0	0	0
ENSMUSG E030018B1	0	0	0	0.086751	0	0.107064
ENSMUSG Defa20	0	0	0	0	0	0
ENSMUSG Vmn1r135	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.464851
Mus_musc Mus_musc	0	0.217653	0	0	0.278925	0
ENSMUSG Ech1	71.13785	76.6228	65.6272	66.93451	67.1448	65.635071
ENSMUSG Slc39a8	98.72974	93.85693	92.31144	85.72253	83.38722	89.84023
ENSMUSG 4933409G1	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.043778	0	0.135502	0	0.217169

ENSMUSG Lce3a	0	0	0	0	0	0
ENSMUSG Lrrc36	2.32436	2.446581	1.899183	2.72608	2.643361	2.880238
ENSMUSG Taf4b	1.206305	1.283406	1.308679	1.184879	1.173227	1.258881
ENSMUSG Apip	13.29939	13.58854	13.6092	11.99784	13.8086	12.750538
ENSMUSG Pdhx	7.369234	7.463963	6.840782	6.805878	6.475334	7.057438
Mus_musc Mus_musc	13.74646	15.13617	13.19359	12.26762	12.56812	12.448062
ENSMUSG Nsa2	30.08959	29.45015	30.13841	36.5409	35.29937	34.184738
ENSMUSG Plin4	1.873039	3.162222	1.514005	1.311879	1.39506	1.127235
ENSMUSG Hdgf12	19.58036	16.77266	19.55577	16.07011	16.1147	16.273633
ENSMUSG 7530416G	0	0	0	0	0	0
ENSMUSG Tpbgl	2.110035	2.007195	1.424442	1.736649	1.27188	1.803831
ENSMUSG Vmn1r142	0	0	0	0	0	0
ENSMUSG Dnah7c	0.254676	0.390812	0.264243	0.430286	0.505463	0.44916
ENSMUSG Spag1	1.398745	1.590786	1.530004	1.454533	1.590891	1.015921
ENSMUSG Kcnmb2	1.640311	2.23939	1.510815	2.976362	2.241962	3.183573
ENSMUSG Tnfrsf23	1.244254	0.895246	1.145937	1.65963	2.410191	1.824701
ENSMUSG Olfr1153	0	0	0	0	0	0
ENSMUSG Slc6a5	0	0	0	0	0	0
ENSMUSG Trp53rka	7.24116	7.434711	8.621135	6.724104	6.42882	7.309499
ENSMUSG Nim1k	0.583846	0.808854	0.568116	0.459364	0.670418	0.676726
ENSMUSG Got1l1	0.219093	0.136102	0.136544	0.434912	0.48931	0.202795
ENSMUSG BC005561	1.650498	2.029671	1.124024	1.984408	1.54331	1.390744
ENSMUSG Gm11042	0	0	0	0	0	0
ENSMUSG Lcn9	0	0	0	0	0	0
ENSMUSG Capza2	59.27511	59.26929	61.8426	64.59501	62.81382	61.680605
ENSMUSG Epb42	0.082341	0.133615	0.138073	0	0.054168	0.026856
ENSMUSG Usp46	19.68895	19.11636	17.31507	13.49997	13.19754	13.896774
ENSMUSG Enox2	5.441517	4.991424	4.885236	4.625913	4.694589	5.433114
ENSMUSG Tex36	0	0	0	0	0	0
ENSMUSG Tox	0.475277	0.320111	0.592321	0.786082	0.574453	0.764784
ENSMUSG Asb5	0.075569	0.188481	0	0.103422	0.079977	0.105399
ENSMUSG Nsun3	2.512842	1.98629	2.003036	2.739974	2.411678	2.930504
ENSMUSG Ttc1	18.9248	19.77976	17.86113	16.90753	16.14035	15.605987
ENSMUSG Leprotl1	18.16316	16.4806	18.27779	16.61972	16.48067	16.426548
ENSMUSG Dctn6	33.99219	33.53046	36.81992	28.9895	25.2838	28.369306
ENSMUSG Gpm6a	40.32893	37.70003	31.44856	20.62995	15.49126	22.167488
Mus_musc Mus_musc	0	0.297223	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.20005	0.080557	0
Mus_musc Mus_musc	0	0.123781	0.265365	0.390043	0.196159	0.778446
ENSMUSG Mplkip	4.1258	3.578621	3.972736	5.655878	5.390287	5.818049
ENSMUSG Ear6	0.342794	0.185759	0.167423	0.211041	0.806564	0.945937
ENSMUSG Syt11	2.034285	1.877079	2.172394	2.61078	3.144867	2.812951
ENSMUSG Olfr569	0	0	0	0	0	0
ENSMUSG Gm49333	0.185153	0	0	0	0.234714	0
ENSMUSG Slc25a14	2.52037	2.547443	2.529415	2.482711	1.946332	1.874322
ENSMUSG Olfr421-ps	0	0	0	0	0	0
ENSMUSG C2cd4b	8.586675	2.795707	3.933399	4.207598	4.194177	3.972288
ENSMUSG Adap1	2.751201	2.593084	3.183162	5.316408	5.30456	7.00358
ENSMUSG Gm9844	3.16358	1.427122	5.514223	4.616734	3.805904	4.154635
ENSMUSG Mettl3	8.772913	8.313531	8.319889	8.94282	7.495552	7.551907
ENSMUSG Crygn	0.18999	0	0.347331	0	0.188151	0.445596
ENSMUSG Rbm24	1.13026	1.769956	0.597079	1.475049	1.238788	1.408732
ENSMUSG Igip	9.104862	11.31587	9.698509	7.241994	6.89207	6.990239
ENSMUSG Pml	9.139487	8.149527	10.01535	12.22546	10.99034	12.477936
ENSMUSG Zdhhc9	14.28311	15.05053	14.47398	14.41058	16.27909	16.521212
ENSMUSG Tfb1m	3.299729	3.809689	3.298352	3.679536	3.601884	3.37874
ENSMUSG Taf6	11.7539	13.41668	13.27877	11.8979	12.78513	12.535648
ENSMUSG Trim3	38.97781	39.85929	38.77684	32.57347	32.36975	32.572398
ENSMUSG Alms1	1.222356	1.422172	1.153131	1.451796	1.558874	1.404604
ENSMUSG Npbwr1	0.015279	0	0	0.008296	0.03034	0
ENSMUSG Ahnak2	6.220651	6.106077	5.37784	8.359523	7.326442	11.309235
ENSMUSG E330014E1	0	0	0	0	0	0
ENSMUSG Gm7982	0	0	0	0	0	0
ENSMUSG Btdb35f24	0	0	0	0	0	0

ENSMUSG Wnt8a		0	0	0	0	0	0.063294
Mus_musc Mus_musc	1.357499	1.236627	1.665722	0.830757	0.849954	0.376893	
Mus_musc Mus_musc	0	0.476628	0	0	0	0.064551	
ENSMUSG K230010J2	0.687821	0.49163	0.473094	0.419105	0.888581	0.556629	
Mus_musc Mus_musc	0.193966	0.331528	0.265124	0.302842	0.35958	0.111774	
Mus_musc Mus_musc	0	0	0	0.161298	0.125138	0.29274	
Mus_musc Mus_musc	0.283192	0.239285	0.123636	0.329693	0.384957	0.744728	
ENSMUSG Gltp	61.46435	61.06828	59.36156	53.44213	60.34544	58.237633	
Mus_musc Mus_musc	0.278892	0.255332	0.046293	0.126821	0.155402	0.173243	
ENSMUSG Card14	0.365815	0.389387	0.416014	0.159073	0.261811	0.243006	
ENSMUSG Nme5	7.761393	9.740199	5.550138	11.16786	10.58981	9.665393	
ENSMUSG Tcp11	2.104057	3.21065	1.451708	2.825099	3.485599	2.747693	
ENSMUSG Eif4e	12.50876	11.54747	11.66449	12.20079	10.91849	14.203031	
ENSMUSG Fsd1	0.036251	0.039195	0.198413	0.059631	0	0	
ENSMUSG Tspan5	5.634018	5.239488	5.809877	5.46825	4.615344	6.570067	
ENSMUSG Rorc	14.13023	15.92731	11.64064	9.877899	8.832289	7.988112	
ENSMUSG Mettl21e	1.194535	1.264606	1.360039	0.843255	1.303532	1.093244	
ENSMUSG Mttp	0.875553	1.262601	0.956755	1.37396	1.369965	1.331275	
ENSMUSG Dapp1	3.102214	3.437907	3.812598	5.710367	4.524761	5.113125	
ENSMUSG 2300002M	0	0	0	0.20751	0.08542	0	
ENSMUSG Hist1h2bh	0.183552	0.336741	0.192481	0.557564	0.142104	0.188465	
ENSMUSG Prrc2b	39.83112	42.30231	33.4585	34.07437	33.51162	36.064523	
ENSMUSG Npep1	21.71479	21.83947	23.21099	22.59499	20.3601	24.0292	
ENSMUSG Gimap3	11.92362	7.462492	15.64941	16.35196	11.40395	14.343221	
ENSMUSG Drd5	0	0	0	0	0	0	
ENSMUSG Cma2	0	0	0	0	0.0422	0	
ENSMUSG Usf3	7.550279	7.623953	6.477878	6.641827	6.700334	6.355158	
ENSMUSG Diras1	0	0	0.017163	0	0	0	
ENSMUSG Gm26897	0	0	0.274294	0	0	0	
ENSMUSG Fut11	12.3865	10.82402	11.47114	9.15167	11.56183	8.903323	
ENSMUSG Kcns3	1.854479	2.713093	2.522328	1.599964	1.981708	1.38817	
ENSMUSG Dync1h1	41.62102	37.92101	38.25719	32.01103	35.58938	35.503498	
ENSMUSG Vmn1r14	0	0	0	0	0	0	
ENSMUSG Fastkd3	3.299328	2.957694	3.248384	2.555242	2.616109	2.69919	
ENSMUSG Gm5591	0	0	0	0	0	0	
ENSMUSG Cetn3	34.58151	37.11524	37.53659	32.87696	31.45282	29.304866	
ENSMUSG Adcy2	5.32563	5.442617	5.935271	3.613242	5.031272	3.721363	
ENSMUSG 1700001L1	1.605553	0.994222	1.203184	1.674072	1.597007	1.693333	
ENSMUSG Lect2	0	0	0.016832	0	0	0	
ENSMUSG Il9	0	0	0	0	0	0	
ENSMUSG Fam78b	2.484779	2.205418	2.215509	2.085503	2.688137	2.563218	
ENSMUSG Il3ra	8.694276	6.850127	9.192914	7.92025	6.826218	8.752154	
ENSMUSG Mapk11	6.31208	5.608806	5.951824	5.066798	5.221165	4.648903	
ENSMUSG Supt7l	5.04252	5.372206	5.360159	5.058572	4.940332	4.606312	
ENSMUSG Gm13283	0.133409	0.049573	0.159756	0.060186	0.095388	0.19709	
ENSMUSG Nepro	3.743322	3.956571	2.908439	3.212308	3.331783	3.91232	
ENSMUSG Sh3bp4	16.82016	16.47889	15.00214	10.48542	11.10833	10.775541	
ENSMUSG Rif1	5.705482	5.94159	4.839073	5.45105	5.009947	5.87935	
ENSMUSG Clic6	6.783742	9.161117	4.357163	10.31713	10.11127	10.484796	
ENSMUSG Setd4	1.389639	1.858503	0.989816	1.403504	1.475002	1.375778	
ENSMUSG Ripply3	46.97423	42.18927	52.67879	34.59892	31.60472	31.514376	
ENSMUSG Pigp	23.93832	18.1444	17.68987	15.46084	16.96457	14.860033	
ENSMUSG Cbr3	12.60639	9.140795	8.954699	11.80769	15.22796	15.715604	
ENSMUSG Dop1b	13.54251	13.42516	11.35716	11.88341	13.48746	9.174814	
ENSMUSG Chaf1b	2.69181	2.800969	1.524469	3.216022	2.5822	2.723401	
ENSMUSG Jag1	13.86672	12.65744	13.27839	8.517349	8.64109	8.530774	
ENSMUSG Ifi214	0.803288	0.735765	1.270016	1.412355	0.733998	0.907965	
ENSMUSG Mkks	6.316348	7.594575	6.709052	6.56829	6.857721	6.469201	
ENSMUSG Ubr1	16.57822	16.88088	14.23747	13.52666	13.7731	13.651177	
ENSMUSG Tmem263	5.021573	5.399331	5.776182	5.410131	5.77564	5.243807	
ENSMUSG Lamp5	0	0	0	0	0	0	
ENSMUSG Rgma	9.006557	8.301472	7.098048	5.66522	5.478253	5.000847	
ENSMUSG Plekhg2	10.75482	9.017919	11.39629	7.870305	7.700394	7.949092	
ENSMUSG Zdhhc18	21.6963	20.18478	25.04132	19.70363	20.01338	20.953238	

ENSMUSG Mtfp1	3.460658	4.763027	4.256568	3.479707	3.703944	3.971296
ENSMUSG Ahcyl1	30.46437	30.17918	29.27099	32.04238	31.07754	33.851998
ENSMUSG Gstm4	3.51722	4.079523	4.345096	4.17073	4.232623	4.942255
ENSMUSG Slc16a4	0.542468	0.71115	0.80257	0.680595	0.980448	1.007564
ENSMUSG Slc6a17	0.245494	0.262853	0.174949	0.223287	0.273512	0.258857
ENSMUSG Kcnc4	0.181468	0.029709	0.123788	0.098231	0.091335	0.0331
ENSMUSG Hsd11b2	0.905004	0.526748	0.829256	0.819011	1.393496	1.586304
ENSMUSG Tsnaxip1	1.346581	1.178928	1.124628	2.155466	1.652037	2.075088
ENSMUSG Psmb10	43.91969	39.00641	74.61727	51.53022	41.48956	42.085503
ENSMUSG Ctrl	0.383122	0.254022	0.931071	0.469982	0.154196	0.507508
ENSMUSG Actn3	0.298245	0.071583	0.158085	0.207309	0.164328	0.256935
ENSMUSG Rbm14	13.76681	14.13862	14.55292	11.47209	12.80933	13.621768
ENSMUSG Rtl4	0	0	0	0	0	0
ENSMUSG Mrpl34	16.91385	23.60347	21.77245	24.29231	22.7654	23.32308
ENSMUSG Atp2c2	1.7034	2.232839	1.626653	4.748439	3.359651	3.863938
ENSMUSG Tmed8	6.161589	6.038597	5.804436	5.766431	5.835616	6.100084
ENSMUSG Kctd7	3.070887	3.177111	3.494006	3.112123	2.815223	2.72311
ENSMUSG Ptgdr2	0.494361	0.349775	0.534811	0.479333	0.348191	0.346405
ENSMUSG Vav1	6.976328	6.327071	9.644309	14.35988	14.19735	13.532951
ENSMUSG Scn11a	0.009563	0	0	0.044957	0	0.016829
ENSMUSG Tpst1	18.84106	15.98637	18.11358	14.91811	19.0016	15.352583
ENSMUSG Gm7534	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.123633	0	0.568488	0.346627	0.504884	0.235366
ENSMUSG Olfr1193	0	0	0	0	0	0
ENSMUSG Cactin	17.66898	15.86581	17.41071	13.75385	12.85454	15.415775
ENSMUSG P2ry10	4.009392	3.178452	3.377732	5.750723	5.142976	5.935933
ENSMUSG Pex1	2.597119	2.524534	2.665309	2.986859	2.683408	2.738225
ENSMUSG Ewsr1	59.58277	48.6956	57.95311	57.42117	56.0402	55.943707
ENSMUSG Olfr609	0	0	0	0	0	0
ENSMUSG Afm	0	0	0	0	0	0
ENSMUSG Dck	3.925874	4.391748	5.151894	5.554835	5.978643	4.855683
ENSMUSG Wsb2	39.68385	33.53	39.5633	37.29208	35.9	41.002905
ENSMUSG Nf2	32.41878	31.53944	28.46713	24.79445	27.2335	25.512472
ENSMUSG Rfc5	3.168541	3.038525	3.008956	4.440122	4.227289	4.478924
ENSMUSG Zmat5	12.91687	13.3425	14.49532	12.61225	14.68352	14.092976
ENSMUSG Nos1	0.014414	0.022774	0.010013	0.024926	0.005533	0.019323
ENSMUSG Slc11a2	11.57745	13.64813	11.91339	12.61696	11.81921	12.903535
ENSMUSG Lig4	2.415389	2.82308	2.472455	2.725803	2.795001	2.831955
ENSMUSG Cela1	1.349263	0.408613	1.076194	0.810071	0.958092	0.922665
ENSMUSG Prss46	0	0	0	2.053132	1.507105	1.425276
Mus_musc Mus_musc	0.188031	0	0	0.322308	0	0
ENSMUSG Tigit	0.867113	0.423637	1.060309	4.483741	3.911601	3.26184
Mus_musc Mus_musc	0.064712	0.106292	0.26474	0	0.245831	0.027508
ENSMUSG Olfr1260	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.209198	0	0	0	0.268244
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Nr4a1	98.38405	12.59873	30.95121	4.916543	4.233912	7.267565
Mus_musc Mus_musc	0.573678	0.374912	0.165861	0.169581	0.151234	0.062588
Mus_musc Mus_musc	0.156278	0.161974	0.451429	0.415449	0.058728	0
ENSMUSG Cdc6	0.371442	0.559077	0.38496	0.764781	0.810659	1.082364
Mus_musc Mus_musc	1.124898	1.910209	1.926601	1.806661	1.444711	2.25418
ENSMUSG Otud1	17.86544	14.211	14.40575	7.838284	8.910406	7.614072
ENSMUSG Hfm1	0	0	0	0	0.025039	0
ENSMUSG Usp48	17.14709	17.13482	17.2786	16.05818	16.21852	15.940576
ENSMUSG Lrit2	0	0	0	0	0	0
ENSMUSG Rnf227	0.92184	1.184634	0.709099	1.336273	1.402131	1.588431
ENSMUSG Igl1	0	0	0	0.085208	0	0
ENSMUSG Rc3h2	6.274725	7.145015	6.748092	5.74948	5.467782	5.572429
ENSMUSG Olfr362	0	0	0	0	0	0
ENSMUSG Phax	14.95949	15.56328	15.48018	13.00766	13.21621	12.560056
ENSMUSG Olfr358	0	0	0	0	0	0
ENSMUSG Tle1	39.21482	34.32061	28.7751	24.37711	28.19464	21.849836
ENSMUSG 1700109H	0.278958	0.378678	0.354774	0.285824	0.30388	0.661832

Mus_musc Mus_musc	0	0.08547	0.168991	0.548652	0.433333	0.329412
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.461005	0	0	0	0
ENSMUSG Dnah2	0.88747	1.45089	0.64246	1.254464	1.373175	1.206
ENSMUSG Zfp563	3.320848	3.38099	2.34781	2.163876	2.548359	2.14156
Mus_musc Mus_musc	0	0	0.235178	0	0	0
Mus_musc Mus_musc	0	0	0.051355	0	0.361486	0
ENSMUSG B020031M	0	0	0	0	0	0
ENSMUSG Prps113	14.11416	14.87633	13.64096	13.5653	13.59927	12.830328
ENSMUSG Nkain1	2.039379	2.48242	3.05414	1.762619	1.57524	1.790773
ENSMUSG Cep19	6.670509	6.457886	6.602155	6.87502	6.013313	6.39459
ENSMUSG Spc25	1.157142	1.47786	1.23686	2.106573	2.896925	2.946665
ENSMUSG Olfr1161	0	0	0	0	0	0
ENSMUSG Olfr545	0	0	0	0	0	0
ENSMUSG Tlr1	1.424247	1.2341	2.585755	4.092383	3.416818	3.742219
ENSMUSG AY074887	0.065078	0	0.064889	0.047429	0	0
Mus_musc Mus_musc	0.288955	0.586597	0.132235	0.192311	0.089833	0.101745
ENSMUSG Poldip2	20.68922	22.38763	20.16136	21.30059	18.90933	21.303383
ENSMUSG Rps9	527.8698	537.2851	560.5939	647.7589	579.8646	632.96512
ENSMUSG Sebox	0	0	0	0	0	0
ENSMUSG lft20	36.52465	37.64105	43.00475	44.66247	44.61198	44.775032
ENSMUSG Tfpt	9.287844	8.774342	7.979692	6.635753	8.231694	7.175174
ENSMUSG Sprn	0.08352	0.118362	0.030042	0.187323	0.260783	0.06054
ENSMUSG Inka1	7.01715	6.689949	4.654397	4.963451	4.45202	5.139949
ENSMUSG Upf1	18.16729	16.44513	16.92109	14.05736	14.86299	15.96377
ENSMUSG Tfrc	15.71222	19.17427	17.54153	19.81254	19.96623	23.439532
ENSMUSG Tcf12	20.02116	20.70773	18.07028	16.60331	18.47966	17.147234
ENSMUSG Vmn1r168	0	0	0	0	0	0
ENSMUSG Mns1	2.675193	3.977087	2.218074	4.066111	3.554975	3.992188
ENSMUSG Myo1e	15.69217	16.94897	13.97315	21.63345	22.7249	24.373733
ENSMUSG 1700015F1	0	0	0	0	0	0
ENSMUSG Gcnt3	0	0.028236	0	0.520916	0.436585	0.577525
ENSMUSG Fam81a	1.401096	1.828354	1.248339	1.823199	1.412166	1.741189
ENSMUSG Bbip1	5.528565	4.246342	4.487536	4.627732	4.090396	3.97512
ENSMUSG Nxp4	0.026162	0.051319	0.040343	0.132773	0.033037	0.065321
ENSMUSG Sema3d	3.195521	3.025558	2.770914	2.72342	2.441972	2.497448
ENSMUSG Gbp7	16.62103	14.52252	85.09595	44.81782	11.96146	12.667198
ENSMUSG Ints13	9.9877	11.11752	10.3068	11.13319	11.20148	11.54463
ENSMUSG Scepe1	18.89268	21.48976	20.76171	41.86595	37.32229	44.283295
ENSMUSG Uqcc2	17.65371	18.4929	18.90041	25.71116	18.60265	21.386733
ENSMUSG 1700061G	0.098406	0.228784	0.16515	0.194232	0.207754	0.285465
ENSMUSG Rfx2	5.059839	4.83509	4.144667	3.971072	3.95017	4.047084
ENSMUSG Acsbg2	0	0	0	0	0	0
ENSMUSG Zfp93	1.412187	1.887813	1.455894	1.776638	1.376471	1.392956
ENSMUSG Trim25	24.13074	22.03717	22.91332	19.48765	21.62781	21.059268
ENSMUSG Mrfap1	113.5151	109.9173	118.6701	105.9598	122.4002	121.10156
ENSMUSG Adh7	1.251516	2.46643	0.823859	3.061888	2.051086	2.114654
ENSMUSG Dgke	4.407383	3.956998	3.044483	2.996947	2.605658	2.795501
ENSMUSG Tmem202	0.382051	0.438111	0.252463	0.78238	0.896896	0.746863
ENSMUSG Olfr850	0	0	0	0	0	0
ENSMUSG Vmn1r73	0	0	0	0	0	0
ENSMUSG Apol8	0	0.038285	0	0.031312	0.019469	0.017294
ENSMUSG Trem14	2.774393	2.496438	5.046928	2.772684	0.980921	0.856825
ENSMUSG Olfr693	0	0	0	0	0	0
ENSMUSG Mpped1	0	0	0	0	0	0
ENSMUSG Btbd7	19.47971	21.57744	18.17574	16.08612	16.55448	15.035167
ENSMUSG Zic5	0.008244	0.009711	0	0.031795	0.011749	0.076966
ENSMUSG Lhfpl1	0	0.037523	0	0.057055	0.16333	0.048613
ENSMUSG Tmem273	1.700205	1.224365	1.651965	2.414077	2.486269	2.862422
ENSMUSG Hnrnpa3	12.20806	12.87401	10.36786	1.658775	1.374129	2.469968
Mus_musc Mus_musc	0.878325	0.490098	0.409818	0	0.226446	0
Mus_musc Mus_musc	0	0	0	0	0	0.518801
Mus_musc Mus_musc	0	0.070692	0	0.181453	0.13244	0.119957
Mus_musc Mus_musc	0.472215	0.21371	0.257244	0	0.481051	0.190204

Mus_musc Mus_musc	0.683472	0.355415	0.440012	0.24822	0.293476	0.221837
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Ybey	1.540649	1.661893	1.984605	1.403738	1.694943	1.30144
ENSMUSG Krt40	0	0	0	0	0	0
ENSMUSG Igsf10	1.868339	1.578552	1.416159	1.792003	1.659458	1.53406
ENSMUSG Tcf15	0.280512	0.316334	0	0.229772	0.178882	0.101115
ENSMUSG Olfr1388	0.006805	0.010477	0	0	0.012922	0.01616
ENSMUSG 2310034C	0	0	0	0	0	0
ENSMUSG Fam160a2	4.511184	4.379094	6.755315	4.832924	4.344125	3.907676
ENSMUSG Zfp46	8.673671	10.143	8.952854	7.879372	8.216688	9.111707
ENSMUSG Ikbkg	11.30743	12.9453	8.989937	10.51263	8.546425	9.521558
ENSMUSG Samd3	0.372169	0.619775	2.638621	1.058805	0.591037	0.741561
ENSMUSG Commd1	4.089477	4.488716	4.261301	4.790066	4.573398	4.453031
ENSMUSG Ncald	18.63879	16.32528	16.42803	13.69584	13.31501	14.100516
Mus_musc Mus_musc	0.174706	0.079071	0.070749	0.667206	0.834462	0.684858
Mus_musc Mus_musc	0.473826	0.22168	0.511093	0.255665	0.265157	0.348019
Mus_musc Mus_musc	0.065703	0	0.344579	0.086234	0.091804	0.375083
Mus_musc Mus_musc	1.377133	1.270308	1.632979	2.262735	1.372163	1.312857
Mus_musc Mus_musc	0	0.19682	0.21206	0.2717	0.070202	0
Mus_musc Mus_musc	0.218359	0.458048	0.38046	0.086546	0.097641	0.240518
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Igfl3	0	0	0	0	0	0
ENSMUSG Tnfsf18	0	0.022487	0.11873	0.025521	0	0.1397
ENSMUSG Olfr876	0	0	0	0	0	0
ENSMUSG Armc7	3.609137	3.381396	4.30041	5.431458	4.070583	4.93417
ENSMUSG Mef2c	10.67403	10.73548	7.158059	14.63924	13.79737	10.815949
Mus_musc Mus_musc	0.11073	0.126019	0	0.045438	0.225068	0.122279
Mus_musc Mus_musc	37.55456	39.25871	29.01102	22.25459	20.14953	25.554701
Mus_musc Mus_musc	0	0	0	0.366906	0	0
Mus_musc Mus_musc	0	0	0.445873	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Pom121l1	0	0	0	0	0	0
ENSMUSG Gm20795	0	0	0	0	0	0
ENSMUSG Tmtc2	6.438398	5.400413	5.521293	3.973188	3.636985	3.635838
ENSMUSG Gm3285	0	0	0	0	0	0
Mus_musc Mus_musc	0.695387	1.348412	1.333863	1.664536	1.195071	1.140915
ENSMUSG Rnmt	4.003183	3.631481	3.852379	4.225406	4.354881	4.255229
Mus_musc Mus_musc	0.219693	0.27071	0.207271	0.430929	0.595624	0.686619
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Meioc	0.055185	0.047885	0.026044	0.054263	0.031636	0
Mus_musc Mus_musc	0	0	0.090897	0	0	0
Mus_musc Mus_musc	0.192999	0.288398	0	0.160756	0.220886	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	7.84649	6.821815	11.79926	13.75289	11.94718	10.963293
ENSMUSG Cd46	0.747309	0.786761	0.99527	0.715271	0.511296	0.477139
ENSMUSG Cd274	7.899396	6.837963	47.70021	22.4384	10.57046	12.103508
ENSMUSG Cd34	63.86735	61.97523	62.92182	54.79667	54.47175	55.815242
ENSMUSG Plgrkt	19.64248	16.28565	20.51721	22.29219	17.95109	19.044008
ENSMUSG Pcd1lg2	0.097388	0.13461	0.313328	7.425148	8.278472	8.954978
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.194449	0	0
Mus_musc Mus_musc	0.547702	0.539072	0.551071	0.670999	0.384187	0.664491
Mus_musc Mus_musc	0.156117	0.275526	0.46722	0.508325	0.202437	0.506179
Mus_musc Mus_musc	0	0	0	0	0	0.171693
Mus_musc Mus_musc	0.113977	0.277892	0.279096	0.317189	0.506993	0.573942
Mus_musc Mus_musc	0	0	0	0	0	0.270346
ENSMUSG Smim18	0	0	0	0	0	0
ENSMUSG Gm21913	0	0	0	0	0	0
ENSMUSG Gm5294	0	0	0	0	0.255519	0
ENSMUSG Gdpgp1	2.086166	1.732471	1.606688	2.097541	1.550674	1.904079
ENSMUSG Olfr1360	0	0	0	0	0	0
ENSMUSG Ppox	6.966718	7.518909	7.523823	6.84615	5.669161	6.114754
ENSMUSG Zfp948	4.296788	4.939875	5.108599	3.305027	3.068914	3.721507
ENSMUSG Hdgfl1	0	0	0	0	0	0

ENSMUSG Ccdc9b	12.66004	10.60651	11.00287	7.504395	6.412682	6.257711
ENSMUSG Adamtsl2	14.19321	15.88849	16.50271	14.05094	13.62973	15.342308
ENSMUSG 5031439G	13.3283	13.39382	13.35356	18.85631	18.42673	21.553705
ENSMUSG Adamts19	0.03381	0.047622	0	0.038078	0.020206	0.063119
ENSMUSG lpo4	8.04073	5.803692	7.11145	7.993119	7.876239	8.834141
ENSMUSG Olfr1289	0	0	0	0	0	0
ENSMUSG 4930402H	14.49452	13.98299	13.31117	10.20056	10.7835	10.494014
ENSMUSG Vmn1r205	0	0	0	0	0	0
ENSMUSG Gm14190	0	0	0	0	0	0
ENSMUSG E2f2	4.431098	4.683379	4.565055	5.058255	4.441418	4.844076
ENSMUSG Slfn3	1.819064	2.109059	1.991787	1.760362	1.625355	2.077283
ENSMUSG Rtel1	3.310107	3.568259	2.942723	2.701202	2.619732	3.370194
ENSMUSG Pak1ip1	22.63136	20.63049	23.01191	18.00936	18.43717	19.663057
ENSMUSG Defb7	0	0	0	0	0	0
ENSMUSG Phf12	19.08129	17.50508	16.66033	14.8765	16.4109	16.248041
ENSMUSG Gstt1	67.49166	80.77069	68.10999	68.80773	64.82834	72.610608
ENSMUSG Gstt3	17.44359	18.24217	14.04527	18.98772	16.25639	19.692887
ENSMUSG N4bp2	2.908918	3.037117	2.270045	3.163758	3.42169	3.194099
ENSMUSG Adh4	0.096592	0.056369	0	0	0.041913	0
ENSMUSG Mat1a	3.955037	3.329814	3.184629	2.252086	2.104773	2.463478
ENSMUSG Phlda2	1.021381	0.798658	1.575101	1.321327	0.970455	0.758156
ENSMUSG Klhdc2	15.97012	17.97209	14.97552	16.39947	16.95798	17.20602
ENSMUSG Dnaaf2	3.16395	4.037942	3.800848	4.096426	4.288836	3.826401
ENSMUSG Pole2	1.936793	2.113526	2.622026	2.619425	3.135416	3.268478
ENSMUSG Olfr1036	0	0	0	0	0	0
ENSMUSG Gm15127	0	0	0	0	0	0
ENSMUSG Calml3	0.369579	0.717902	0.273793	1.557818	1.20726	0.777056
ENSMUSG Olfr761	0	0	0	0	0	0
ENSMUSG Gm49396	5.486222	6.923666	8.129417	5.516849	5.243824	6.86053
ENSMUSG Gm3460	0	0	0	0	0	0
ENSMUSG Gm13278	0	0	0	0	0	0
ENSMUSG Ruvbl1	14.55286	14.67134	14.31683	14.56677	14.58688	14.895279
ENSMUSG Gxylt2	0.512655	0.572222	0.303348	0.75176	0.863348	0.802911
ENSMUSG Cntn3	0	0	0	0.009467	0	0.020875
ENSMUSG Chl1	0.020166	0.157782	0.093189	0.345484	0.398136	0.397566
ENSMUSG Gm9376	0	0	0	0	0	0
ENSMUSG Eno4	2.908978	3.843333	2.270273	4.051969	3.239827	2.910297
ENSMUSG Tmem229	0.032779	0.053621	0.061291	0.136021	0.159613	0.206794
ENSMUSG Dhdh	4.068409	4.089095	3.232035	3.226955	3.503507	3.55049
ENSMUSG Rgmb	10.50354	10.40309	10.00424	6.716131	6.998341	7.170254
ENSMUSG Rps6ka3	16.29606	17.02314	15.00965	18.46841	18.89057	19.114434
ENSMUSG Cd47	53.9524	54.36897	53.13003	41.47128	42.64136	37.669125
ENSMUSG Map3k15	1.514889	1.15552	1.418064	0.891093	0.48065	0.885103
ENSMUSG Nlgn3	0.129009	0.095964	0.120714	0.135656	0.12315	0.221416
ENSMUSG Il2rg	29.80654	25.27364	43.55124	41.15405	35.07565	37.981554
ENSMUSG Stk31	0	0	0	0	0	0
ENSMUSG Ccr1	4.257024	3.786269	4.236165	12.66141	14.51436	13.892766
ENSMUSG Itgb1	212.7538	202.5795	213.9784	173.2444	181.7267	178.16931
ENSMUSG Ccdc7a	0	0	0	0	0	0.018474
ENSMUSG Ryr2	0.371378	1.451244	0.374138	0.700002	0.527461	0.468496
ENSMUSG Mtr	4.753225	4.990953	4.11025	4.427348	4.526605	4.441368
ENSMUSG Dpysl5	4.69068	4.15825	4.27108	1.56762	2.11882	1.363532
ENSMUSG Dhx15	47.93911	45.72329	48.76938	47.6973	45.90399	46.750947
ENSMUSG Gm8773	0	0.032979	0	0.082068	0.04417	0.078003
ENSMUSG Sumo1	50.96217	55.5714	55.67546	47.08082	44.73599	43.774704
ENSMUSG Agbl5	5.101018	4.267885	4.193306	5.313218	4.335823	5.25499
ENSMUSG Sfrp4	0.334342	0.311296	0.233023	0.304496	0.46036	0.293342
ENSMUSG Ppargc1a	0.63833	0.778637	0.507775	0.663194	0.836171	0.81536
ENSMUSG Cgref1	0.335249	0.399899	0.440851	1.531089	1.828989	2.7543
ENSMUSG Khk	14.40666	14.31609	14.5342	13.20087	13.82225	13.03334
ENSMUSG Emilin1	14.79022	13.72976	16.96201	19.75601	20.55054	21.223841
Mus_musc Mus_musc	2.090467	0.622474	0.648608	186.3426	32.04664	19.458309
Mus_musc Mus_musc	1.298292	1.339001	0.59933	53.62919	51.468	3.393317
Mus_musc Mus_musc	1.503835	1.13816	0.575357	9.054436	207.1046	2.077876

Mus_musc Mus_musc	0.174016	0.135182	0.064519	0.377035	0.165479	0.958827
Mus_musc Mus_musc	1.466477	5.028829	0	87.95596	90.18976	127.64681
Mus_musc Mus_musc	0.742462	1.319919	0.42817	240.8816	293.4058	571.81942
Mus_musc Mus_musc	0	0.253998	0	37.40778	1.846375	32.751442
Mus_musc Mus_musc	0	0.059049	0	4.450465	15.73965	8.510467
ENSMUSG Tnxb	18.05125	13.87773	14.02948	8.175161	7.605324	9.004447
ENSMUSG Pck1	0.154043	0.521555	0	0.164272	0.127549	0
ENSMUSG Hist1h2bb	0.311635	0.418579	0.395144	0.172303	0.285184	0.238934
ENSMUSG Ankrd60	0	0	0	0	0	0
ENSMUSG Ccnt1	9.006807	9.140904	9.085868	7.75897	8.333332	9.208248
ENSMUSG Atpaf2	7.657931	7.968269	8.072095	8.033703	8.099545	8.711341
ENSMUSG Shcbp1l	0.112411	0.115832	0.073809	0.080755	0.023582	0.076509
ENSMUSG Ssx2ip	12.8612	13.49649	10.48985	9.170287	9.835298	11.765129
ENSMUSG Commd10	16.75909	16.24631	16.92598	16.84384	14.06485	14.777556
ENSMUSG Igflr1	0.493433	0.830268	0.240717	0.663415	0.622112	0.104078
ENSMUSG Amdhd2	8.903386	8.410411	8.30722	15.01516	14.83669	15.494835
ENSMUSG Sipa1l1	18.68734	19.92482	19.18748	14.55477	12.66328	14.510199
ENSMUSG Tspan1	15.45714	20.10446	11.43569	32.78093	33.9755	35.934299
ENSMUSG Pik3r3	5.728717	6.902732	5.173344	5.821256	5.555243	6.165611
ENSMUSG lpp	4.525048	5.265682	4.518294	5.710767	4.843473	4.702801
ENSMUSG Prdx1	107.7446	102.0171	97.20684	118.5498	113.2114	117.00987
ENSMUSG Mmachc	2.386821	2.831348	2.717417	3.111717	2.842582	3.051234
ENSMUSG Nasp	10.7611	10.71569	11.04884	9.658106	11.29959	11.290708
ENSMUSG Akr1a1	273.9206	265.6797	284.7024	287.9981	290.6845	310.57024
ENSMUSG Slc38a2	39.32357	37.77782	37.64994	28.57455	30.06795	30.784199
ENSMUSG Sreb2	41.18956	40.36907	39.96153	39.40299	36.55567	42.797539
ENSMUSG Slc38a4	4.496644	4.796351	3.458374	1.285205	1.730571	1.378732
ENSMUSG Rpap3	8.215219	7.810114	6.349388	7.612009	7.047246	6.04465
ENSMUSG Endou	3.000499	2.628512	2.553099	2.438811	2.182136	2.352338
ENSMUSG Rapgef3	26.64739	24.29136	26.02598	14.29788	15.70689	14.494627
Mus_musc Mus_musc	0	0.06023	0.143596	0.350839	0.098766	0
ENSMUSG Mpv17l2	18.88618	16.94442	14.99841	19.7403	19.70842	18.67662
ENSMUSG Afg1l	6.606465	6.864614	5.629683	4.709673	4.957302	5.470984
ENSMUSG Igfbp1	0	0.016056	0	0	0.019556	0
ENSMUSG Pth2	0	0	0	0	0	0
ENSMUSG Snx10	8.636217	7.48023	9.817263	11.82827	10.93802	10.174021
ENSMUSG Cd160	0.420842	0.108553	0.691295	0.292091	0.243912	0.371346
ENSMUSG Krt17	0	0	0	0	0	0.071252
ENSMUSG Ap3d1	32.74084	31.67885	33.46282	29.86846	31.8816	31.557483
ENSMUSG Zpbp	0.102337	0.193322	0.108289	0.07861	0.120067	0.211025
ENSMUSG Mknk2	85.75956	86.55928	80.63493	65.98235	63.95264	70.549268
ENSMUSG Spata48	0.063904	0.097118	0	0.145541	0	0.110769
ENSMUSG Cabin1	12.09519	11.42371	11.1402	10.76912	10.44803	11.948072
ENSMUSG Tmeff1	26.35833	25.37536	30.94189	13.60049	15.43796	12.406674
ENSMUSG Tex10	5.280005	4.411366	4.300362	5.726935	5.205776	5.288595
ENSMUSG Invs	4.033876	4.38107	3.861276	3.676063	3.629749	3.89755
ENSMUSG Erp44	24.51292	25.46159	24.11118	30.13197	32.65636	29.754381
ENSMUSG Nr4a3	0.766653	0.674887	0.802358	0.654486	0.885091	1.103864
ENSMUSG Cavin4	0.499647	0.878601	0.537651	0.321716	0.364295	0.19723
ENSMUSG Hbb-y	0	0	0	0	0	0
ENSMUSG Serpinb6c	0.17202	0.154466	0	0	0.074959	0
ENSMUSG Arl4c	21.06451	20.35454	18.06788	17.23517	17.23964	18.994133
ENSMUSG Olfr849	0	0	0	0	0	0
ENSMUSG Olfr250	0	0	0	0	0	0
ENSMUSG Bcas1	1.80649	2.064011	1.258094	2.283078	1.80172	2.163502
ENSMUSG Nxpe2	0	0.094667	0.035634	0.217856	0.067444	0.096088
ENSMUSG Atp6v1a	39.75606	40.83618	36.96132	46.11269	46.59568	52.839933
ENSMUSG Asna1	32.95619	29.06159	34.29449	33.22203	34.89034	37.463899
ENSMUSG Ubash3b	1.520054	1.508255	1.833779	2.045162	2.245361	2.108036
ENSMUSG Jhy	0.512163	0.912601	0.346665	1.261561	0.750717	0.895406
ENSMUSG Clmp	1.723018	1.786778	2.231348	4.668316	4.31143	4.444657
ENSMUSG Rexo2	37.07482	37.92868	41.36211	54.86885	57.29398	55.602764
ENSMUSG Olfr1018	0	0	0	0	0	0
ENSMUSG S1pr2	9.60576	7.589719	8.979584	8.364692	7.502042	8.649174

ENSMUSG Vmn2r2	0	0	0	0	0	0
ENSMUSG H2-M10.1	0	0	0	0.068425	0.02826	0.108907
ENSMUSG Rpp21	11.04645	10.35348	13.17802	12.49255	10.19339	12.276593
ENSMUSG Pcdh12	20.81899	17.82118	15.40759	12.82316	11.7475	13.050549
ENSMUSG Dele1	20.17482	19.85342	19.44175	14.02705	15.31615	14.637482
ENSMUSG Cend1	0.409066	0.337468	0.698451	0.353254	0.474864	0.303507
ENSMUSG Alyref2	1.943385	2.274516	1.870374	4.315683	2.065348	2.377348
ENSMUSG Vmn1r228	0	0	0	0	0	0
ENSMUSG Mlxipl	1.063695	0.651053	0.828068	0.484787	0.320532	0.47739
ENSMUSG C5ar1	6.271144	5.401128	6.253232	2.348259	2.204807	2.187828
ENSMUSG Fbxo11	26.31695	26.19195	23.90395	21.6697	21.21949	20.687349
ENSMUSG Msh6	6.226187	6.556618	6.075974	6.064339	7.087566	7.419017
ENSMUSG Pde6c	0	0	0.00782	0	0	0
ENSMUSG Fam45a	16.09592	16.84248	14.76592	12.21503	13.15348	14.344005
ENSMUSG Rbp4	15.07301	17.61698	11.38188	23.48855	21.76589	25.036598
ENSMUSG Tbl2	4.430926	4.507273	4.501028	4.399806	4.938604	5.040431
ENSMUSG Bud23	17.2778	16.70686	17.64302	16.98937	13.99373	19.76481
ENSMUSG Plce1	8.995107	9.627299	6.998257	4.630641	3.875116	4.211123
ENSMUSG Noc3l	3.726559	3.194438	2.881196	3.078428	2.69251	3.319752
ENSMUSG Tex35	0	0	0	0.013356	0	0
ENSMUSG Ralgps2	3.289669	3.01349	2.907514	5.827209	5.751142	6.105418
ENSMUSG Abl2	6.339184	6.066607	5.089523	5.764861	5.743442	5.54262
ENSMUSG Stx1a	2.140322	2.292279	2.49631	2.01432	1.534289	2.150152
ENSMUSG Olfr959	0	0	0	0	0	0
ENSMUSG Nrns2	0	0	0	0	0	0
ENSMUSG Fxn	5.886876	5.065197	6.909162	5.652241	4.425995	5.189998
ENSMUSG Ceacam9	0	0	0	0	0	0
ENSMUSG Dhrr7c	0.090961	1.223959	0.43835	0.667952	0.397985	0.471271
ENSMUSG Eif3l	39.97027	38.27538	39.25038	39.04022	41.57626	41.967247
ENSMUSG Furin	34.33903	33.28753	35.87868	31.75783	32.841	33.759844
ENSMUSG Unc45a	21.1057	19.97101	24.60404	17.32873	16.77929	18.961649
ENSMUSG Hddc3	9.665159	10.34558	8.44107	8.998123	7.626354	8.508272
ENSMUSG Vps33b	5.640604	5.217359	6.230069	6.637197	5.893448	5.845799
ENSMUSG Iqgap1	94.92554	87.37319	78.04005	84.5731	91.09628	94.761481
ENSMUSG Sema4b	4.213371	3.061648	3.983616	5.751632	5.210489	6.144719
ENSMUSG Cib1	22.92717	24.22266	27.95524	32.27819	28.68874	30.389939
ENSMUSG Gm10282	26.55097	27.10536	26.70744	28.20872	29.81017	30.95752
Mus_musc Mus_musc	0	0	0	0.39518	0	0.075535
Mus_musc Mus_musc	0	0	0	0.375615	0.105135	0
ENSMUSG Gm10300	0.572473	0.644941	0.37859	0.44772	0.502357	0.452786
ENSMUSG Pla2g4d	0	0	0	0	0	0
Mus_musc Mus_musc	1.547655	1.603675	1.660541	2.482075	1.992471	1.896727
Mus_musc Mus_musc	0.09334	0.045751	0	0.447143	0.452486	0.473858
Mus_musc Mus_musc	0.27737	0.421472	0.225248	0.722254	0.305813	0.409379
Mus_musc Mus_musc	0	0	0	0.174016	0	0
ENSMUSG Zfp9	2.555247	2.261984	2.164665	2.327466	2.649168	2.225158
ENSMUSG Slfn2	22.78503	17.58977	35.64807	34.1856	33.40682	33.71217
ENSMUSG Gdf2	0.259393	0.20461	0.218746	0.122068	0.018744	0.141345
ENSMUSG Gm5460	0	0	0	0	0	0
Mus_musc Mus_musc	0.297716	0.234613	0.049991	0.431785	0.200345	0.205487
Mus_musc Mus_musc	0.07096	0	0	0	0	0.322969
Mus_musc Mus_musc	0	0	0	0	0.0575	0.259225
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0.252277	0	0	0	0
ENSMUSG Usp17lc	0	0	0	0	0	0
ENSMUSG Kcnc1	0.024207	0.07276	0.155025	0.12768	0.064043	0.159267
ENSMUSG Hdhd5	6.125943	6.604725	6.391754	6.892866	5.941087	6.257747
Mus_musc Mus_musc	0.423792	0.17242	0.24277	0.560779	0.204433	0.449322
Mus_musc Mus_musc	0.376063	0	0	0	0	0
Mus_musc Mus_musc	0.516052	0.420366	0.45194	0.109204	0.194074	0.225064
Mus_musc Mus_musc	1.395739	3.338818	3.495399	1.955619	2.782522	1.86978
Mus_musc Mus_musc	0	0.132265	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.145381	0	0.134759
Mus_musc Mus_musc	5.621723	5.783803	5.183636	5.324468	5.125206	4.750865

Mus_musc Mus_musc	0	0	0.257978	0.123445	0.398996	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0
ENSMUSG Fstl5	0	0	0	0	0	0
ENSMUSG F2rl1	4.65503	3.993688	4.578472	2.282462	2.218921	2.350676
ENSMUSG 4933428G	0.244716	0.116021	0.254269	0.173732	0.170518	0.139793
ENSMUSG Ino80c	11.46326	10.6026	10.72784	11.80512	10.13471	11.658162
ENSMUSG 9230110F1	0	0	0	0	0	0
ENSMUSG Palm3	0.35386	0.332847	0.29426	0.3442	0.461401	0.378213
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.11845	0.146395	0	0	0
Mus_musc Mus_musc	2.478784	1.950651	2.904609	1.699993	1.688055	1.091784
Mus_musc Mus_musc	0.621939	0.763046	0.141599	0.038319	0.086316	0.196925
Mus_musc Mus_musc	0.290836	0.534068	0.257719	0.749387	0.288335	0
ENSMUSG Slc26a2	9.033053	8.576348	7.031032	6.485482	6.889244	8.053257
ENSMUSG Exosc1	7.121272	7.373624	8.925652	6.137127	6.923155	5.923309
ENSMUSG Tmem132c	1.588122	1.249081	1.731579	1.227637	1.190773	1.480181
ENSMUSG Kctd9	8.355212	7.11643	6.940301	5.898206	5.720097	5.643891
ENSMUSG Brip1	0.393914	0.198013	0.372583	0.546026	0.508616	0.569965
ENSMUSG Rad21l	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.120541	0	0
Mus_musc Mus_musc	0.647788	0.17148	0.147882	0.153103	0.154838	0.113682
Mus_musc Mus_musc	0.498604	0.930011	0.493463	0.84415	0.688114	0.425579
ENSMUSG Cfp58	1.314618	1.976496	1.218891	1.700572	1.594364	1.882499
Mus_musc Mus_musc	0	0.067851	0.131671	0	0.102681	0.248922
ENSMUSG Lrrc8e	3.655278	4.972672	3.470658	2.98432	3.451916	3.717242
Mus_musc Mus_musc	0	0.517346	0	0.349714	0	0.258928
Mus_musc Mus_musc	0.136003	0	0.151481	0	0.164303	0
Mus_musc Mus_musc	8.827159	7.719848	9.991018	10.67274	10.22365	10.670806
Mus_musc Mus_musc	0.063771	0.06461	0.175184	0.2861	0.642936	0.464257
Mus_musc Mus_musc	0	0	0	0.065176	0	0.300514
Mus_musc Mus_musc	12.59646	10.33731	11.21614	11.13291	8.827259	8.521585
Mus_musc Mus_musc	0.213491	0.065293	0.071482	0.142109	0.193275	0.210944
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.604214	0.819151	0.453392	253.1075	66.69985	31.877344
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.77076	0.903266	2.02457	115.5975	41.53415	52.075245
Mus_musc Mus_musc	0	0	0.056063	45.01606	124.1957	0.481274
Mus_musc Mus_musc	3.743376	3.211179	2.968	155.3654	147.722	289.41243
Mus_musc Mus_musc	0.642013	0.073773	0.216161	42.06146	37.85758	161.21658
Mus_musc Mus_musc	0.413837	0.412297	0.096158	25.67337	5.60281	7.223246
ENSMUSG Gprin1	0.064565	0.062407	0	0.012289	0.047025	0.014633
Mus_musc Mus_musc	0	0	0.06651	1.045787	1.370692	0.187161
ENSMUSG Cpt1c	1.003979	0.878764	1.294391	0.951513	1.173094	1.306645
ENSMUSG Trim71	0.004493	0	0	0	0	0
ENSMUSG Calhm1	0	0	0	0	0	0
ENSMUSG Ttc34	0.945997	1.451607	0.60882	1.077619	1.249823	1.205909
ENSMUSG Pkd1l1	0.007392	0	0	0.009874	0	0.028409
Mus_musc Mus_musc	0	0	0.383436	0.105442	0	0
Mus_musc Mus_musc	1.666556	0.169364	1.026138	0.659952	0.37724	0.564769
Mus_musc Mus_musc	0	0	0	0.348054	0	0.120126
Mus_musc Mus_musc	1.449718	1.359623	1.223346	1.189567	0.926357	0.820862
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0.689734	1.030466	0.336614	0	1.460921
Mus_musc Mus_musc	0	0.091039	0.077734	0	0	0
Mus_musc Mus_musc	0.156126	0	0	0	0	0
Mus_musc Mus_musc	0.279587	0.397713	0.419388	0.629629	0.505465	0.572363
ENSMUSG Dhx57	6.782245	6.394551	6.064983	6.736385	5.589413	6.181955
ENSMUSG Frs1l	0	0.013582	0.014844	0.013172	0.035903	0.012104
ENSMUSG Mgat4d	0	0	0	0	0	0
ENSMUSG Olfr610	0	0	0	0	0	0
ENSMUSG BC049730	0	0	0	0	0	0
ENSMUSG Olfr710	0	0	0	0	0	0
ENSMUSG Dennd1c	4.013377	3.10526	4.802253	5.159451	4.138322	5.595691

ENSMUSG Clpp	19.81159	20.15235	22.98002	19.16886	18.96428	18.537792
ENSMUSG Alkbh7	4.293655	5.9294	5.375766	8.597396	6.974319	8.007317
ENSMUSG Pspn	0.28046	0.407585	0.376364	0.069386	0.852325	0.632217
ENSMUSG Trim62	6.219262	5.962739	5.11276	4.881484	5.924003	5.020352
ENSMUSG lqcf4	0	0	0	0	0	0
ENSMUSG Ly6k	0.179949	0.343387	0.43706	0.232306	0.652335	0.953576
ENSMUSG Fzd1	18.39375	17.67089	18.52043	12.92927	14.0251	14.356478
ENSMUSG Zfp612	1.900976	2.081939	1.704161	1.214221	1.37372	1.524642
ENSMUSG Pou1f1	0.026831	0.023064	0	0	0	0
ENSMUSG Chmp2b	36.35528	33.85175	34.27914	35.43371	33.91266	34.291777
ENSMUSG Plod3	29.38716	27.58493	33.88172	31.89365	32.59652	31.709418
ENSMUSG Ap1s1	25.84081	26.81312	26.62804	29.44748	29.91213	29.153289
ENSMUSG Rnd2	4.569407	5.36186	4.548673	3.511406	4.442582	4.994103
Mus_musc Mus_musc	0	0	0	0	0	0.184186
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Gm5771	0	0	0	0	0	0
ENSMUSG Olfr127	0	0	0	0	0	0
ENSMUSG Arhgap40	2.791362	2.324314	2.176422	1.468646	0.759204	1.067246
ENSMUSG Zcchc24	28.77298	27.45218	29.26756	18.94788	19.81955	18.2705
ENSMUSG Cpsf6	14.079	15.81654	15.17728	14.56497	11.9162	15.025582
ENSMUSG Plekho2	12.80366	11.94584	15.90446	22.3077	21.13699	25.444603
ENSMUSG Olfr1134	0	0	0	0	0	0
ENSMUSG Ufl1	11.24888	9.971306	9.695118	10.18218	9.87765	9.182526
ENSMUSG Rasl10a	1.421978	0.9284	1.478557	1.634797	1.826923	1.811185
ENSMUSG AL731706	0.306909	0.535343	0.795893	0.473157	0.427014	0.855798
ENSMUSG Trim7	1.44321	1.706969	1.360269	2.550332	2.34661	2.507753
ENSMUSG Ankib1	10.01975	11.36988	10.16917	8.769288	9.935347	9.475113
ENSMUSG Skiv2l	14.59101	14.12592	15.00148	15.86765	15.05487	15.551659
ENSMUSG Mars	12.98934	12.29625	14.28907	13.62405	13.64714	15.146521
ENSMUSG Tdrkh	1.031136	1.386102	1.082187	0.86086	1.090788	0.68045
ENSMUSG Dlx1	0	0.045043	0.008506	0	0.013624	0
ENSMUSG Ammecer1l	14.10741	14.21431	12.34934	12.50088	12.57075	12.89245
ENSMUSG Aldh1a3	0.34761	0.73847	0.385958	1.109599	1.925865	1.623867
Mus_musc Mus_musc	3.506823	1.218364	1.888667	1.182951	2.088163	1.898621
Mus_musc Mus_musc	0.13601	0	0.207319	0.161375	0.278163	0.347306
Mus_musc Mus_musc	0.575836	0.358193	0.314175	0.553702	0.193281	0.336202
Mus_musc Mus_musc	0	0	0.02012	0.19081	0.097755	0.083962
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Gm7361	0	0	0	0.016908	0	0
ENSMUSG C1qtnf1	11.56866	9.600885	7.771388	8.288669	9.892248	9.892678
ENSMUSG Rnase11	0	0	0	0	0	0
ENSMUSG Rab22a	14.33837	15.02825	13.52416	11.38722	11.25856	11.611357
ENSMUSG Skint11	0	0	0	0	0	0
ENSMUSG Trmt2b	6.683007	5.773011	5.722931	6.066741	5.371563	6.698199
Mus_musc Mus_musc	0.356039	0.572323	0.778997	0.338946	0.292572	0.386702
ENSMUSG Tmem128	13.88472	15.59058	16.61262	13.52072	13.64808	12.600737
Mus_musc Mus_musc	0	0.154309	0	0	0	0
ENSMUSG Pramel3	0	0	0	0.004765	0.016322	0.010584
Mus_musc Mus_musc	0.252786	0.65458	0.032931	0.351077	0.350346	0.525224
Mus_musc Mus_musc	0.515948	0.573537	0.586133	0.826417	0.57487	0.847828
ENSMUSG Ppm1b	31.89607	29.62484	29.2785	23.92833	23.99612	22.039759
ENSMUSG Vmn1r130	0	0	0	0	0	0
ENSMUSG Gm8926	0	0	0	0.134158	0	0.07968
ENSMUSG Gm21915	0	0	0	0	0	0
ENSMUSG Olfr237-ps	0	0	0	0	0	0
ENSMUSG Gm17267	0	0	0	0	0	0
ENSMUSG Sftpb	2409.42	2222.073	2098.693	1556.557	1385.721	1666.0745
ENSMUSG Taar1	0	0	0	0	0	0
ENSMUSG Slfnl1	0	0	0.025599	0	0.066646	0
ENSMUSG BC049715	0.325754	0.452645	0.384737	0.785786	0.507481	0.869422
ENSMUSG Tspyl1	24.83081	28.95589	27.72234	23.8785	23.25772	21.577248

ENSMUSG Dmbt1	0	0.049772	0	0.266951	0.149991	0.112199
ENSMUSG Olfr1396	0.046768	0	0.143424	0.29422	0.113045	0
ENSMUSG Gm10600	0	0	0.002478	0	0	0.003352
ENSMUSG Pex6	14.37098	14.19204	13.87907	12.36608	11.40702	12.676158
ENSMUSG Zfp759	1.777605	1.995739	1.805026	1.759852	1.562597	1.519775
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.142113	0.291429	0	0	0
Mus_musc Mus_musc	0	0	0	0.174016	0	0.310426
Mus_musc Mus_musc	0	0	0	0	0	0.109306
ENSMUSG Gm21671	0	0	0	0	0	0
ENSMUSG Gm7980	0	0	0	0	0	0
ENSMUSG Vmn2r-ps:	0	0	0	0	0	0
ENSMUSG Gm45871	2.695993	3.190203	2.836744	3.217865	3.121202	2.599344
ENSMUSG Btd35f9	0	0	0	0	0	0
ENSMUSG Cnn2	120.7426	112.9675	134.972	95.83734	90.73969	99.286636
ENSMUSG Gm38303	0.055917	0.156642	0.156245	0.09162	0	0.052108
ENSMUSG Brd3os	1.468587	1.959516	0.928081	1.164845	1.388684	1.516499
ENSMUSG Exosc6	0.001312	0.001059	0.001001	0.000613	0.000679	0.000634
ENSMUSG Terb1	0.198803	0.042003	0.082386	0.181644	0.060121	0.047084
ENSMUSG Pcdh15	0.027366	0.018085	0	0.096489	0.03806	0.10492
ENSMUSG Lbp	17.75079	25.0499	15.37346	30.43683	26.97686	28.898788
ENSMUSG Prl7b1	0	0	0	0	0	0
ENSMUSG Celsr1	4.792002	6.153052	3.820563	6.903798	7.377245	8.170934
Mus_musc Mus_musc	0.07467	0.076851	0	0.085982	0	0
ENSMUSG Mgmt	0.548566	0.585831	0.590138	0.905978	0.678324	0.603633
ENSMUSG Kdm2a	19.22623	18.75715	18.22182	17.79341	18.25648	17.54145
ENSMUSG Mettl7a1	628.8271	660.811	575.2969	397.2785	397.5674	376.2241
ENSMUSG Hist2h2ab	0.063536	0.033712	0	0.016069	0.253128	0.140629
ENSMUSG Pcdhb5	0.707764	0.445423	0.499736	0.393665	0.402537	0.493369
ENSMUSG Glyat	0	0	0	0	0	0
ENSMUSG Crb1	0.345411	0.227938	0.16898	0.018834	0.044925	0.031283
ENSMUSG Nlk	9.091874	9.818496	8.861812	8.349662	8.776954	8.34306
ENSMUSG Mlx	0.11252	0.138	0.114043	0.161764	0.333489	0.343444
ENSMUSG Oxnad1	4.367768	5.340031	3.693196	4.585732	4.801511	5.299256
ENSMUSG Vmn1r127	0	0	0	0	0	0
ENSMUSG Sema3g	92.29915	79.15537	96.35339	55.7865	59.04526	55.844112
ENSMUSG Dph3	7.318328	8.635117	7.914823	7.374667	6.664948	6.922105
ENSMUSG Phf7	2.886015	2.945525	3.182648	4.189204	3.660999	3.459172
ENSMUSG Galnt15	7.43717	7.317907	4.254849	3.013277	3.34308	2.585566
ENSMUSG Btd	7.959539	8.656357	8.717918	8.087423	8.930465	9.075277
ENSMUSG Bap1	19.59388	19.01805	18.31267	16.29868	17.4188	17.938313
ENSMUSG Gm3629	0	0	0	0	0	0.053598
ENSMUSG Idua	3.331224	3.72973	4.229494	3.900266	3.65663	3.669434
ENSMUSG Rpl3l	0.070973	0.581545	0.169673	0.139972	0.168906	0.130337
ENSMUSG Slc9a3r2	307.7244	280.4845	305.0957	167.5815	168.2349	170.64626
ENSMUSG Tpsg1	0	0	0	0	0	0
ENSMUSG S100b	0.137856	0.192367	0.12545	0.503521	0.575551	0.639936
ENSMUSG Ttc28	8.461014	7.735733	5.917427	5.726948	6.921159	5.767481
ENSMUSG Marf1	14.72061	16.8976	14.68813	13.59454	14.04934	13.927807
ENSMUSG Gm7324	0.106761	0.124047	0.145293	0.157517	0.125709	0.304061
ENSMUSG Tigd2	6.883689	6.284498	6.190074	5.950114	6.178604	6.309803
ENSMUSG Gm9833	3.218215	2.381591	2.473668	2.448112	3.14699	2.262673
ENSMUSG Mfsd4b1	0.251739	0.509734	0.162373	0.480121	0.359297	0.378492
ENSMUSG 1700003F1	0.701646	0.131514	0.363309	0.334197	0.318226	0.431948
ENSMUSG Tbc1d17	7.979904	11.03593	10.76285	8.610246	8.406599	7.960617
ENSMUSG C1s1	23.95451	29.57132	27.6688	35.49319	33.45578	38.422351
ENSMUSG Car14	3.506237	3.339856	3.139038	2.539658	1.943737	1.569211
ENSMUSG C1rl	2.482421	2.009318	1.893055	2.981203	2.916533	2.834536
ENSMUSG Fchsd1	2.030458	1.820402	2.172132	2.511885	1.722087	2.51345
ENSMUSG Armc10	12.61477	13.49463	14.03976	12.59616	12.28363	12.719312
ENSMUSG Krt80	90.64864	89.13829	96.07726	51.13521	56.77788	49.529727
ENSMUSG Grhl3	0.229856	0.140311	0.210973	0.165905	0.259053	0.35116
ENSMUSG Arsb	9.076406	8.670839	11.25028	12.01716	10.58242	10.81613
Mus_musc Mus_musc	0	0	0	0	0	0.184186

ENSMUSG Igsf5	10.68477	8.60347	9.07272	7.704291	8.242062	7.643032
ENSMUSG Spg20	14.52957	12.94014	13.6611	9.897872	9.22222	10.491292
ENSMUSG Grifin	0	0	0	0	0	0
ENSMUSG Fut7	0.491472	0.177263	0.6132	0.488615	0.435885	0.42717
ENSMUSG Fgf1	101.8544	101.6165	93.90497	52.72724	56.19429	50.728218
ENSMUSG Avpi1	27.46769	28.47935	27.37754	22.57366	23.72711	26.07839
ENSMUSG Zfyve27	11.46053	11.15022	12.69526	9.721209	10.20784	9.447024
ENSMUSG Vmn1r69	0	0	0	0	0	0
ENSMUSG Sfrp5	0.156957	0.491028	0.213037	0.231625	0.058955	0.25156
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Ccdc69	2.016191	1.182517	1.753033	3.564954	3.553906	3.912265
ENSMUSG Tsku	3.416573	3.606691	2.622742	2.25127	2.479721	3.109768
ENSMUSG Psmb11	0	0	0	0	0	0.087093
ENSMUSG Grm5	0	0	0	0.009753	0.01392	0.004669
ENSMUSG Spred3	0.351632	0.354234	0.455637	0.550579	0.602239	0.667266
ENSMUSG Grpel2	10.39525	11.7836	10.65258	10.4663	9.300452	10.507986
ENSMUSG Matr3	34.46319	34.6464	33.03308	28.82405	29.61371	27.087652
ENSMUSG Mxd4	121.7146	121.6555	112.8904	81.67726	86.41039	79.701911
ENSMUSG Hook3	11.43398	12.08795	9.291883	10.07811	10.2985	9.208703
ENSMUSG Pla2g12a	9.7037	10.82491	10.22204	7.608557	8.338832	7.769881
ENSMUSG Plrg1	22.39689	25.91158	23.345	19.31095	17.27994	20.935587
ENSMUSG Casp6	19.57102	20.24371	17.59081	19.03403	19.85382	20.123423
ENSMUSG Sfrp2	3.729556	4.067894	3.592445	5.013542	3.55806	7.362898
ENSMUSG Tlr2	9.310551	9.199423	8.484474	6.828373	8.065679	7.274013
ENSMUSG Mcub	6.141175	5.162696	7.146569	9.223838	9.046898	11.288388
ENSMUSG Trim2	7.212661	7.770801	5.838903	6.257442	6.44446	6.684642
ENSMUSG Itgb2l	0.132815	0.076481	0.056894	0.092093	0.10306	0.06669
ENSMUSG Gm20509	0	0	0	0	0	0
ENSMUSG Vps28	82.3386	78.4291	81.18837	70.69751	67.40708	70.029083
ENSMUSG Olfr977-ps	0	0	0	0	0	0
ENSMUSG Batf2	2.420744	2.67004	13.34535	6.003191	1.597287	2.722673
ENSMUSG Msantd3	4.41888	4.170776	3.649857	3.482339	3.860263	2.667186
ENSMUSG Tspan10	0.030667	0.020023	0	0.276665	0.268592	0.083761
ENSMUSG Ncoa7	4.923477	6.063609	4.701478	5.39552	5.219887	6.356567
ENSMUSG Psg20	0	0	0	0	0	0
ENSMUSG 3830417A:	0	0	0	0	0	0
ENSMUSG Dynlt3	47.91127	46.99061	42.1453	46.3845	45.71513	44.050213
ENSMUSG Rpgr	2.580994	3.023681	2.342727	2.24958	2.623429	3.071042
ENSMUSG Otc	0.183518	0.216736	0.269431	0.036919	0.113513	0.120487
ENSMUSG Gm11559	0	0	0	0	0	0
ENSMUSG Ftsj1	9.414128	9.112111	10.69612	8.295203	7.445635	8.162117
ENSMUSG Trabd2b	1.503939	1.331113	1.346102	1.296272	1.208464	1.248163
ENSMUSG Zfp804a	0	0	0	0.02034	0	0
ENSMUSG Skint3	0	0	0	0	0	0
ENSMUSG Ice1	12.04738	11.92325	10.3849	9.358524	10.21008	10.089499
ENSMUSG Zfp395	9.258358	8.641556	8.899421	7.843607	7.772642	7.94773
ENSMUSG Gjc1	15.33569	14.84623	16.88968	8.904897	9.366127	7.72694
ENSMUSG Tox3	3.320561	3.032216	2.881301	3.273231	2.957112	2.779823
ENSMUSG Mettl22	2.450075	2.513846	2.183072	2.191555	1.716189	1.93335
ENSMUSG Atp6v0e2	25.79219	24.43647	23.29982	18.55641	17.59995	17.268551
ENSMUSG Tmem221	0.819036	1.076894	0.552307	1.009178	0.780416	0.675656
ENSMUSG Atp5mpl	35.69268	43.42688	41.23614	52.01133	47.94336	49.122907
ENSMUSG Ankar	0	0	0	0	0	0
ENSMUSG Pigh	4.208074	4.80791	4.895255	5.862126	5.046867	5.269564
ENSMUSG Rdh12	0.839895	0.638889	0.733384	1.291246	0.848798	1.112204
ENSMUSG Vti1b	46.93082	46.62083	47.85647	47.22167	44.62374	45.066994
ENSMUSG Arg2	6.078146	4.98386	5.368999	9.28788	11.53211	13.423491
ENSMUSG Zfp36l1	73.23334	78.15731	69.69857	68.58666	61.06207	64.095886
ENSMUSG Tpk1	2.86718	3.421408	2.790546	2.366834	3.084268	2.722608
ENSMUSG Nobox	0.059598	0.024455	0	0.01958	0.037772	0
ENSMUSG Mcm7	9.793222	9.387553	9.482416	9.804179	10.72173	11.130627
ENSMUSG Gm45713	0	0	0	0	0	0
ENSMUSG Fbxo24	0.429248	0.425326	0.517997	0.530824	0.434501	0.530257
ENSMUSG Pex19	33.71954	34.23331	30.7245	27.18161	25.71622	26.758687

ENSMUSG Urm1	10.64856	12.41459	12.35885	11.57909	10.298	9.480649
ENSMUSG Reg3g	0.337042	10.28158	0	129.6274	104.1517	78.787445
ENSMUSG Hprt	39.86033	39.06443	42.11495	39.95187	35.69539	35.569855
ENSMUSG Gm47791	0	0.074215	0	0.032317	0	0
ENSMUSG Arhgap45	30.51935	24.86233	37.57561	38.52602	33.05433	37.580353
ENSMUSG Rnf38	15.73861	15.06361	14.67848	11.85584	13.73639	12.450651
ENSMUSG Caps2	0.271711	0.334337	0.08548	0.759605	0.383778	0.412764
ENSMUSG Msantd2	5.923788	7.888467	7.208343	5.197433	5.289885	5.196798
ENSMUSG lsg15	11.60497	8.44088	22.98649	11.573	10.07348	10.532237
ENSMUSG Slc51a	0.043172	0.033343	0.068455	0.038393	0.03818	0.096531
ENSMUSG Ppig	11.55315	12.0608	11.86884	11.91253	11.66702	10.735326
ENSMUSG Zfp655	9.669396	9.689709	8.545265	9.372971	10.44154	9.511891
ENSMUSG Lmntd2	0.571281	0.519826	0.703237	0.743767	0.404053	0.523894
ENSMUSG Rhoa	266.8447	255.9941	272.0908	201.5889	200.0614	202.83807
ENSMUSG Zmiz1	35.34025	31.71503	29.32382	29.31416	28.53908	30.09348
ENSMUSG Lamtor2	42.95841	40.57965	42.89601	46.88064	48.35141	43.486351
ENSMUSG Lmna	66.36102	58.23626	62.30868	49.64088	47.38494	59.904895
ENSMUSG Khdc4	21.23863	24.51522	24.20967	19.46492	18.14214	19.461137
ENSMUSG Pmf1	5.734507	6.869571	5.59928	8.352241	8.687497	9.128886
ENSMUSG Sema4a	11.80357	10.89971	16.8981	16.96179	17.57363	17.7822
ENSMUSG lqgap3	0.140011	0.212242	0.16333	0.448584	0.955166	1.162614
ENSMUSG Gpatch4	5.732272	5.967758	6.924506	7.188056	6.26819	6.19191
ENSMUSG Pcmt2	19.38228	21.93498	17.79903	17.8565	16.84456	16.402063
ENSMUSG Slc26a4	0.208272	0.33647	0.511533	34.32362	40.30607	48.729897
ENSMUSG Bcap29	4.954484	4.019435	4.963297	8.158681	8.373094	8.975736
ENSMUSG Klf11	10.27298	9.156816	10.98346	5.546797	6.904467	6.218832
ENSMUSG Cenpo	2.192278	2.597687	2.53873	2.899654	2.394409	2.431244
ENSMUSG Adcy3	5.373006	4.636146	5.273128	4.644989	4.400206	4.684332
ENSMUSG Dnajc27	3.334596	3.25624	2.793062	2.796029	2.108813	2.241617
ENSMUSG Grhl1	2.539021	3.123392	1.662821	1.283576	1.535355	1.328859
ENSMUSG Cbl1	5.480464	5.573426	4.847604	4.52047	4.825412	4.554852
ENSMUSG Efr3b	1.119486	1.220061	1.310513	1.327581	1.341721	1.546776
ENSMUSG Kars	35.34719	34.64395	38.42098	35.23777	33.12646	31.933533
ENSMUSG 4921536K	0.097863	0.24046	0.126735	0.31847	0.492897	0.678005
ENSMUSG Tm9sf4	15.15036	14.23521	13.40857	14.15797	15.73568	16.20137
ENSMUSG Zfand3	40.21287	41.59353	41.40948	33.132	34.22734	31.17194
ENSMUSG Ascc1	16.39627	19.46806	16.59776	17.56645	16.28402	16.574515
ENSMUSG Rhox9	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
ENSMUSG Macf1	91.16346	87.45558	72.88228	75.88299	75.4765	74.202358
ENSMUSG Psma7	97.87871	89.61676	107.2445	97.74073	93.03527	107.02981
ENSMUSG Prex2	40.19214	38.23663	30.97195	24.35979	26.33191	22.946824
ENSMUSG Slc22a29	0.049636	0.064042	0.061689	0	0.045795	0
ENSMUSG Gm4981	0	0	0	0.041674	0	0
ENSMUSG Car2	47.72193	44.41095	52.24778	66.84591	74.09324	67.90607
ENSMUSG Yjefn3	0.910886	0.701567	1.070001	0.502763	0.484687	0.552324
Mus_musc Mus_musc	0	0	0.16105	0	0.307583	0.153725
ENSMUSG Ntsr1	0	0	0	0	0	0
ENSMUSG Mrgbp	9.314387	8.06277	8.709567	9.827678	7.66935	8.786608
ENSMUSG Chrom5	0	0	0	0	0	0
ENSMUSG Thra	41.24005	41.5214	43.0513	31.35504	31.77283	30.653637
ENSMUSG Osm	0.404367	0.582463	0.617896	1.336907	1.120729	1.024536
ENSMUSG Grem1	0.245511	0.182879	0.255033	0.176281	0.251459	0.341997
ENSMUSG Gm29094	0	0	0	0.385526	1.418421	0
ENSMUSG Atp11a	86.75741	96.55025	78.31978	93.36707	99.73307	107.56676
Mus_musc Mus_musc	0.298721	0	0	0.142118	0	0
ENSMUSG Gm33815	0	0	0	0	0	0
ENSMUSG Stc2	0.276773	0.431518	0.594407	0.43769	0.363548	0.413998
ENSMUSG Olfr698	0	0	0	0	0	0
ENSMUSG Fcgr4	6.976101	5.089257	16.81271	10.74661	8.160433	8.173999
ENSMUSG Acox1	7.011878	7.593679	5.725045	6.190279	4.298522	4.650606
ENSMUSG Zscan25	7.80761	6.771492	9.065415	6.440187	6.593989	7.224625
ENSMUSG Fbln7	0	0	0.132459	0.22086	0.279345	0.278904
ENSMUSG Zc3h8	0.930547	1.892901	1.292195	1.593577	1.53136	1.760034

ENSMUSG Ndufaf5	4.440912	5.704083	4.741151	5.036991	4.777147	5.129255
ENSMUSG Cnm2	4.628469	4.603828	3.767659	3.818867	5.392267	4.594954
ENSMUSG Usp40	5.711607	5.704319	5.207799	6.19037	5.499567	5.719299
ENSMUSG Evx1	0	0	0	0	0	0
ENSMUSG Kbtbd4	7.603648	7.711894	6.918147	7.580494	7.114331	7.910571
ENSMUSG Celf1	18.80531	20.07135	18.45855	17.76139	18.4672	17.433646
ENSMUSG Art5	0.054664	0.213403	0	0.117733	0.077489	0.149779
ENSMUSG Gfer	5.858087	7.608096	7.935835	5.768278	8.109081	8.180978
ENSMUSG Tmem205	42.51707	44.10848	40.1191	30.00246	30.55908	33.089731
ENSMUSG Gm7971	0	0	0	0	0	0
ENSMUSG Myo9b	22.69187	19.22179	21.39839	20.17216	20.55389	21.46871
ENSMUSG Gm17584	0	0	0	0	0	0
ENSMUSG Steap3	8.626002	6.60225	9.220568	10.72123	12.66913	11.913735
ENSMUSG 3110009E1	2.494273	2.031463	2.239129	2.972379	1.14963	2.449869
ENSMUSG Lcn10	0	0	0	0	0	0
ENSMUSG Tfcp211	6.760196	6.63246	5.935512	7.362287	6.726524	7.7213
ENSMUSG Epb41l5	18.22102	19.04463	15.49507	13.01139	12.40849	13.018617
ENSMUSG Dbi	59.4192	78.13193	69.47951	104.2746	112.62	113.67279
ENSMUSG Ptpn4	4.64017	5.547109	4.130653	4.162029	3.66917	3.713091
ENSMUSG Sctr	0	0	0	0	0.01429	0
Mus_musc Mus_musc	0	0.076646	0	0	0	0.365499
Mus_musc Mus_musc	0	0	0	0.141094	0	0.120717
Mus_musc Mus_musc	0	0.319444	0.337368	0.761871	0.302242	0.153874
ENSMUSG Gm12216	2.475392	1.880542	3.9291	2.60706	1.826015	2.235462
ENSMUSG Gm10778	0.885398	1.003539	0.407496	0.920433	0.937196	0.757962
ENSMUSG Gm20855	0	0	0	0	0	0
ENSMUSG Gm8246	0	0	0	0	0	0
ENSMUSG Gm8332	0	0	0	0	0	0
ENSMUSG Kif5b	51.12649	51.45542	46.59218	42.68691	41.45981	39.965256
ENSMUSG Trim16	32.16709	28.24715	31.262	17.68258	17.34589	17.989565
ENSMUSG Angptl8	1.427952	1.126368	1.475506	1.973122	1.230875	1.196253
ENSMUSG Pygo2	18.64403	16.97216	18.89597	16.23871	17.23236	16.773755
ENSMUSG Cfl2	21.15727	20.51494	21.04425	14.75978	13.78042	14.291651
Mus_musc Mus_musc	0.144117	0	0	0	0.041223	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.205836	0.216148	0.144155	0.606756	0.580517	0.429064
Mus_musc Mus_musc	0.114828	0.808261	1.001873	1.241214	1.257262	0.873338
ENSMUSG Gm648	0	0.072703	0	0	0	0
ENSMUSG Tppp2	0	0	0	0	0	0
ENSMUSG Cenpx	27.07894	27.58718	30.75438	30.14579	26.84156	31.986681
ENSMUSG Dppa1	0	0	0	0	0	0
ENSMUSG H2afb3	0	0	0	0	0	0
ENSMUSG Lrrc45	11.8127	10.91521	11.74607	12.92974	11.35661	11.401581
ENSMUSG B3galnt1	3.407096	4.024976	3.77524	4.32788	4.803001	4.778534
ENSMUSG Kcnj6	0	0	0	0	0	0
ENSMUSG Vmn1r75	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.256259
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.056871	0.060601	1.938463	12.46059	6.57584
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.126729	0.210984	0.332655	0.097477	0.452127	0.275972
ENSMUSG Gm45062	0	0	0	0	0	0
ENSMUSG Myadml2	0.105427	0.370773	0.210671	0.284856	0.462219	0.395674
Mus_musc Mus_musc	0.193992	0	0	0.327662	0.173293	0.579341
ENSMUSG Col18a1	7.723204	6.952164	9.249294	9.820247	9.41207	11.075342
ENSMUSG Slc19a1	2.461119	2.836885	2.433986	2.609465	3.075078	2.658468
ENSMUSG Ttl13	0.245862	0.240948	0.1851	0.58281	0.489214	0.452572
ENSMUSG Zfp956	2.923697	2.556595	2.57049	2.759725	2.335946	2.466052
Mus_musc Mus_musc	0	0.228713	0.390487	0	0	0.226345
ENSMUSG Nt5c3b	11.26746	12.49176	11.43894	10.87783	10.32054	11.348151
ENSMUSG Dqx1	0.745717	0.955324	1.000396	0.768435	0.790214	0.896955
Mus_musc Mus_musc	0.345057	0.082525	0.249681	0.35809	0.100277	0.303723
ENSMUSG Gm19410	0.026653	0	0.013192	0	0	0
ENSMUSG Saa2	0	0	0	0	0.082465	0.334473

ENSMUSG Grb7	13.95841	14.82519	12.44261	13.31762	13.81301	13.167664
ENSMUSG Olfr744	0	0	0	0	0	0
ENSMUSG Olfr1029	0	0	0.01363	0	0	0
ENSMUSG Olfr603	0	0	0	0	0	0
ENSMUSG Zfp422	10.92987	10.93854	9.981189	9.483413	10.07341	9.880991
ENSMUSG Camk2d	16.53728	14.79823	16.03223	15.33365	13.91845	15.843399
Mus_musc Mus_musc	4.656612	6.706519	4.824983	4.163932	3.604709	2.514487
Mus_musc Mus_musc	0.356067	0.28106	0.360008	0.211415	0.150365	0.348658
Mus_musc Mus_musc	0.169264	0.132514	0	0.116011	0	0
Mus_musc Mus_musc	0.230999	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	0.339512	0.157556	0.366475	0.445671	0.81879	0.253764
ENSMUSG Gm11099	0	0	0	0	0	0
ENSMUSG Magea8	0	0	0	0	0	0
ENSMUSG Achr4	5.147825	5.441145	4.0905	2.019298	3.080335	2.492869
ENSMUSG Dpm1	1.802771	1.338872	4.826787	16.14622	1.725516	13.498843
ENSMUSG Gm11011	0	0	0	0	0	0
ENSMUSG 2310034G	1.733368	1.980621	1.108728	2.407075	2.102702	3.028113
ENSMUSG Rpl13	368.8318	349.9908	408.3028	393.2334	405.1222	408.54395
ENSMUSG Chmp1a	30.83862	28.51608	30.23323	31.14552	29.98918	32.709908
ENSMUSG C77080	14.00119	14.29847	12.1064	15.48145	14.84376	16.731979
ENSMUSG Foxl2	0	0	0	0.061675	0.017201	0.013011
ENSMUSG Tnfsf15	0.768418	0.486764	0.656666	0.627644	0.657077	0.695307
ENSMUSG Armcx6	2.681585	2.426441	2.685747	2.23201	2.088202	1.642814
ENSMUSG Atp5s	4.67673	4.413294	4.446772	5.474579	3.400779	4.316716
ENSMUSG Gm42791	0	0.175046	0.09117	0.14626	0.078758	0.051983
ENSMUSG Olfr1535	0	0	0	0	0	0
ENSMUSG Txk	1.331483	0.737928	2.607523	1.181983	0.673569	0.76221
ENSMUSG Zfp667	1.766373	1.983832	1.673085	1.455251	1.711354	1.63142
ENSMUSG Gm49358	0	0	0	0	0	0
ENSMUSG Impad1	13.33911	13.58977	11.00315	10.765	11.58792	11.417887
ENSMUSG Stau1	29.50421	28.35469	27.62776	23.34943	23.74972	22.015453
ENSMUSG Olfr512	0	0	0	0	0	0
ENSMUSG Mab21l1	0.031464	0.053067	0.059656	0	0	0.069328
ENSMUSG Commd7	9.91792	9.368492	10.6635	9.486974	9.223379	8.970534
ENSMUSG Zbtb33	7.187367	7.827785	6.873067	7.453282	7.510476	7.046303
ENSMUSG Zup1	4.317427	4.866689	5.336818	6.699714	4.868198	4.486325
Mus_musc Mus_musc	0	0.393196	0	0.081174	0	0
Mus_musc Mus_musc	0.284597	0	0.568227	0.301231	0.160367	0.166397
Mus_musc Mus_musc	0.165087	0.094714	0	0	0	0
Mus_musc Mus_musc	0.074001	0.073389	0.193188	0.328999	0.259997	0.55058
Mus_musc Mus_musc	0	0.062368	0	0	0	0
ENSMUSG Nkain3	0	0	0	0.011431	0	0.03182
Mus_musc Mus_musc	0.350697	0.562164	0.777299	0.423816	0.380688	0.06329
Mus_musc Mus_musc	0	0	0	0.337396	0.187038	0
ENSMUSG Eef1akmt4	2.068439	2.458822	2.268786	3.384689	4.172736	4.504011
ENSMUSG Tdrd6	0.015663	0	0.007586	0	0	0.015655
ENSMUSG Maob	22.62356	24.28415	22.0197	15.63964	15.57089	16.10121
ENSMUSG Rgl3	6.786176	6.137535	6.667419	6.183627	5.515083	5.626598
ENSMUSG Cngb3	0	0.055719	0.040978	0	0	0
ENSMUSG Bbs12	0.957623	1.271323	1.159153	1.312023	1.533517	1.146962
ENSMUSG Tmbim7	0	0	0	0	0	0
ENSMUSG Tmem154	6.74252	6.661433	6.093278	12.65866	13.05146	12.478426
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.937344	0.26398	0.504702	0	0.297032	0.292356
Mus_musc Mus_musc	0	0.121663	0	0.491313	0.051273	0.137958
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Olfr1284	0	0	0	0.007357	0	0
ENSMUSG Atp23	2.520926	1.812514	3.044126	2.435058	2.669808	2.472998
ENSMUSG Usp33	28.37875	29.84056	27.26964	25.51412	26.58642	25.887401
ENSMUSG Hnf4a	0	0	0	0.021742	0.036765	0.03547
ENSMUSG Crisp3	0	0	0.092635	0.171069	0.136363	0.249178
ENSMUSG Crisp1	0	0	0	0.036008	0	0.116547
ENSMUSG Clns1a	19.86113	22.22409	23.19334	21.48781	22.71235	25.376862

ENSMUSG Ncoa4	32.81441	41.95559	33.80922	30.79892	33.09691	37.473464
ENSMUSG Serpinb9g	0	0	0	0	0	0
ENSMUSG Krt33b	0	0	0	0	0	0
ENSMUSG Lepr	23.15939	22.06737	20.82016	14.78654	14.68426	13.634834
ENSMUSG Prtn3	0.176107	0.671434	0.628442	0.467211	0	0.571916
ENSMUSG Mip	0.02631	0.021672	0.045989	0.075649	0	0
ENSMUSG Fscn2	0.124696	0.105575	0.081066	0.163451	0.090894	0.099566
ENSMUSG Cnpy2	25.48405	26.9495	22.41499	33.59281	28.5603	28.600628
ENSMUSG Il23a	0	0	0.074531	0.040563	0.118605	0.072864
ENSMUSG Faap100	6.178361	5.165446	5.014859	4.4836	4.07139	4.646304
ENSMUSG Pde6g	0.077093	0.127562	0	0	0.032567	0
ENSMUSG Gm17720	1.741032	0	1.057415	0.586499	0	0
ENSMUSG Glyatl3	0	0	0	0	0	0
ENSMUSG Vmn2r55	0	0	0	0	0	0
ENSMUSG Gm1979	0	0	0	0	0	0
ENSMUSG Defa26	0	0	0	0	0	0
ENSMUSG Psmc3	23.90411	24.66966	27.01861	25.00547	22.43769	23.383254
ENSMUSG Gm17693	0	0	0	0	0	0
ENSMUSG Vmn1r137	0	0	0	0	0	0
ENSMUSG Vmn2r102	0	0	0	0	0	0
ENSMUSG Dennd5a	59.31338	62.61501	61.04548	48.85832	50.67801	47.828919
ENSMUSG Gramd4	6.941573	7.039766	8.378467	8.524289	8.788088	9.703053
ENSMUSG Zpr1	8.466425	7.868144	8.685662	8.201531	8.43175	9.146199
ENSMUSG Pmp2	0	0	0	0	0	0
ENSMUSG Pick1	7.983805	8.070906	9.490994	8.54435	7.286386	8.643508
ENSMUSG MacroD2	0.836891	0.848712	0.971012	0.905868	0.756331	0.694384
ENSMUSG Xpot	16.33637	16.6422	13.87153	14.53732	14.57814	13.796174
ENSMUSG Gm19935	9.074486	10.58272	6.051331	22.87735	22.03103	20.79254
ENSMUSG Gm45861	0	0	0	0	0	0
ENSMUSG Noa1	5.064028	5.51605	4.223441	5.074305	5.157132	5.020685
ENSMUSG Stmnd1	3.779666	5.099112	3.131702	4.726524	5.145751	3.212922
ENSMUSG Snapc4	3.531644	2.992479	3.394242	2.940148	3.12119	3.542769
ENSMUSG Naa30	7.543529	7.836345	7.318688	6.720931	6.389976	6.536749
ENSMUSG 201010910	0.567488	0.731659	0.533619	1.595425	1.546554	1.069434
ENSMUSG Ftmt	0	0	0	0	0	0
ENSMUSG Eno1	34.55162	36.16103	43.34387	50.28915	55.90149	56.520421
ENSMUSG Fabp7	0	0.044013	0.099176	0.498893	0.927832	0.392652
ENSMUSG Serinc1	110.3516	107.153	101.0576	88.37578	92.797	86.507004
ENSMUSG Pkib	0.44962	0.510574	0.580108	1.724217	1.621068	1.933112
ENSMUSG PAGR1b	0.399764	0.241095	0	0.49671	0	0.017143
ENSMUSG Reep3	21.55849	20.926	19.43801	19.25821	20.27971	18.793398
ENSMUSG Smpdl3a	63.5976	64.31077	63.80391	69.22414	65.61381	66.715528
ENSMUSG Hsf2	5.545181	4.84891	4.920615	4.077246	4.255076	3.843511
ENSMUSG Lymr7	0.935559	0.78136	0.907014	0.99671	0.686236	1.356336
ENSMUSG Vmn1r220	0	0	0	0	0	0
ENSMUSG Pofut2	25.60093	26.13412	24.4965	21.13581	23.97935	22.606133
ENSMUSG H2a1c	0	0	0	0	0	0
ENSMUSG A630095N	0	0	0	0	0.12619	0.102043
ENSMUSG Fv1	2.978255	4.02613	3.930336	3.205176	3.448803	2.635999
ENSMUSG Slc36a2	7.202557	7.583514	7.328206	9.259107	10.43022	11.694537
ENSMUSG Sumo3	37.39791	39.74155	43.76335	39.11882	43.79976	43.795446
ENSMUSG Hint1	85.04882	88.0321	87.33485	101.4539	86.78188	98.258632
ENSMUSG Cyp4f37	0.096214	0.030856	0.085647	0.039633	0.096901	0.074939
ENSMUSG Dag1	94.17843	90.3293	83.94098	68.17215	73.83773	70.645857
ENSMUSG Clstn1	97.28076	91.24774	89.76531	57.10004	59.26375	58.843187
ENSMUSG Stk32a	1.414656	0.948602	1.176271	0.725969	0.869198	0.859096
ENSMUSG Mrap	0.312139	0.91841	0.126105	0.960827	0.380036	1.04836
ENSMUSG Etfbkmt	11.29772	13.99474	10.16113	10.92086	7.328379	8.933683
ENSMUSG Hip1	23.12557	23.34548	22.07025	21.96823	21.7183	22.620214
ENSMUSG Olfr733	0	0	0	0	0	0
ENSMUSG Zc3h11a	19.65945	16.84157	24.41659	4.552145	5.022577	12.011772
ENSMUSG Olfr411	0	0	0	0	0	0
ENSMUSG Dnajc8	87.18174	81.11513	89.38414	71.41031	70.27408	62.69211
ENSMUSG Slfn5	47.72622	47.83342	56.28323	40.2888	38.29919	30.999693

ENSMUSG Stk35	12.40438	12.92734	13.20782	8.70448	10.49343	9.685188
ENSMUSG Cklf	3.944317	3.621225	4.852799	4.871494	5.531194	5.522836
ENSMUSG Tmem74	0.131217	0.07125	0.110374	0.087551	0.074878	0.103892
ENSMUSG Spcs3	19.27301	19.42901	20.47773	37.28075	38.74178	37.00058
ENSMUSG Olfr1471	0	0	0	0	0	0
ENSMUSG Gucd1	7.267853	8.531606	9.02254	9.231312	8.850845	8.950578
ENSMUSG Gm20767	0	0	0	0	0	0
ENSMUSG Hist1h3g	0.035832	0.012811	0.059606	0.177956	0	0.176541
ENSMUSG Ctdspl2	7.447708	8.614219	7.19763	6.165707	7.471169	7.01568
ENSMUSG Gm13275	0	0.04188	0.099546	0.011569	0	0.113229
ENSMUSG Snap91	0.034085	0.113597	0.00974	0	0.067252	0.024467
ENSMUSG St13	32.03902	38.97579	35.58849	32.96243	35.28378	32.217092
ENSMUSG Rbx1	35.00457	38.47565	36.71848	30.01748	32.44633	28.34097
ENSMUSG Olfr1357	0	0	0	0	0	0
ENSMUSG Smim15	27.93301	26.48393	27.30813	24.74147	22.29285	23.548794
ENSMUSG Cebpzos	5.311136	4.784163	4.520037	6.05379	5.152279	8.900357
ENSMUSG Cav3	0.482186	1.149517	1.180801	0.978521	1.088044	2.295085
ENSMUSG Acad10	4.997561	4.369864	4.441718	3.388265	3.804283	3.452748
ENSMUSG Nxn	6.928839	7.529088	7.484853	6.814453	6.088407	6.193137
ENSMUSG Rflnb	11.47152	10.49646	9.823984	12.97255	13.66418	15.707279
ENSMUSG Rph3al	8.130633	6.807052	6.935626	8.072577	6.712347	7.655129
ENSMUSG Blmh	15.86724	17.8706	14.99827	15.51998	14.13277	15.876747
ENSMUSG Cpd	40.23689	37.3634	35.91558	31.31094	34.15346	31.806549
ENSMUSG Timm22	7.466103	7.026213	7.079866	6.507713	6.525382	8.017832
ENSMUSG Eif2a	16.15672	15.15089	14.85972	16.65194	15.3951	16.017224
ENSMUSG 4930579G	1.240244	1.646018	1.287945	1.5468	1.746853	1.631965
ENSMUSG Doc2b	0.795587	0.299596	0.490074	0.147441	0.297826	0.252015
ENSMUSG Ywhae	175.7293	180.622	175.8515	153.5739	160.9947	160.05655
ENSMUSG Tm4sf20	0	0.144077	0.031816	0	0	0.009405
ENSMUSG Serpinb2	0.155965	0.280431	0.620028	1.669093	1.931157	1.898221
ENSMUSG Rhbdd1	11.8902	11.18811	9.226654	9.274569	9.498487	9.019452
ENSMUSG Col19a1	0.009256	0	0	0	0	0
ENSMUSG Serpinb9e	0	0	0	0	0	0
ENSMUSG Clec4d	3.042613	2.815299	4.349244	2.507578	3.464321	3.224661
ENSMUSG Zfp248	1.719964	1.637583	1.868848	1.393726	0.992516	1.312495
ENSMUSG Clec4b1	2.046512	1.160522	1.836704	3.597279	4.03586	3.087584
ENSMUSG Clec4e	0.930972	0.860253	1.534984	1.014963	1.307365	0.838217
ENSMUSG Gm8882	0	0	0	0	0	0
ENSMUSG Clec4a2	4.346817	3.795877	4.0673	17.00091	19.61586	18.376311
ENSMUSG Klrk1	2.115469	1.644519	6.271275	2.666309	1.535134	2.06317
ENSMUSG Emc8	11.39712	10.10182	11.01986	10.65558	8.938128	9.96432
ENSMUSG Krtap10-1l	0	0	0	0	0	0
ENSMUSG Mvb12a	24.82944	20.86355	21.53012	24.79862	24.53539	24.606224
ENSMUSG Map1lc3b	89.9994	94.56362	88.53485	77.03504	81.97926	74.850193
ENSMUSG Mthfsd	8.083341	6.232729	4.380816	6.386791	5.514189	6.947454
ENSMUSG Nhp2	14.25517	14.57666	14.50051	18.13173	18.28496	21.55904
ENSMUSG Kdm3b	17.98195	15.70198	15.38923	15.46398	15.38668	14.865664
ENSMUSG Kpna7	0	0	0	0	0	0
ENSMUSG Sema6c	0.687144	0.932354	0.699082	0.492797	0.465197	0.370099
ENSMUSG Ephx1	125.0179	115.5762	99.05514	58.04583	53.62361	53.991441
ENSMUSG Vill	2.740325	3.443458	1.227212	3.661748	3.709511	3.080047
ENSMUSG Ascc3	5.294367	5.180567	5.27744	7.122708	7.042982	6.544925
ENSMUSG Flt3	1.076206	1.189958	1.324049	1.471857	2.378962	2.066946
ENSMUSG Gpr151	0.068626	0.070871	0.030828	0.079922	0.036813	0.030792
ENSMUSG Mcts2	3.821038	3.141344	3.6814	3.963447	4.794227	3.513272
ENSMUSG Foxf1	151.2951	125.4587	152.8847	54.24346	67.58418	59.471718
ENSMUSG Krba1	3.373252	2.970894	2.945326	2.82134	2.937131	2.700486
ENSMUSG Lce3e	0	0	0	0	0	0
ENSMUSG Gm4924	1.735981	1.370949	1.176157	1.182645	0.944034	0.872306
ENSMUSG Lrrc19	0.07908	0	0.033787	0.020117	0	0.016916
ENSMUSG Fzd4	35.93398	37.94479	31.03	19.42051	24.52318	18.956793
ENSMUSG Bag5	29.48542	26.51117	27.81621	17.40825	16.60919	16.851297
ENSMUSG Olfr642	0	0	0	0	0	0
ENSMUSG Crh	0.042734	0	0	0	0	0

ENSMUSG Tut7	30.55131	29.82938	30.49528	26.62849	25.60383	24.18992
ENSMUSG Miga2	7.084437	8.606566	7.638389	7.655549	7.526037	7.922325
ENSMUSG Usp20	3.976582	4.171696	4.73933	4.001268	4.161036	4.456498
ENSMUSG Ntmt1	6.427774	6.499218	7.454331	6.509145	5.547098	6.980936
ENSMUSG Dolpp1	6.053343	5.780178	6.478307	7.714007	7.03327	8.300729
ENSMUSG BC005624	23.54526	26.02438	24.60581	22.86482	22.26664	22.721699
ENSMUSG Eogt	20.16427	18.76004	22.79931	13.98073	13.57863	13.201695
ENSMUSG Crat	15.40574	16.7836	14.8524	19.85482	18.78682	20.421928
ENSMUSG Hectd1	24.64573	24.34239	20.805	22.39899	22.92944	22.719416
ENSMUSG Ccbe1	4.605975	3.98471	3.858173	2.791008	2.738721	2.629886
ENSMUSG Zfp62	11.57147	11.69338	10.7164	10.52996	10.57525	10.397507
ENSMUSG AI464131	7.52311	8.282231	6.09053	6.563844	7.707347	7.718094
ENSMUSG Stxbp6	13.9588	13.74786	12.52117	10.87836	12.80527	10.970814
ENSMUSG Aqp6	0	0	0	0	0	0
ENSMUSG BC107364	0	0	0	0	0	0
ENSMUSG Arl1	60.28934	63.34088	59.21647	58.41176	61.14625	58.946153
ENSMUSG Henmt1	0.103803	0.124453	0.017333	0.023341	0	0
ENSMUSG Mfsd5	23.35385	22.97994	26.11171	20.36475	23.96964	23.155067
ENSMUSG Cdc42ep2	26.95032	21.69551	26.51561	19.35594	19.9702	19.59033
ENSMUSG Smtnl2	9.794275	9.939896	6.915532	7.40703	6.07953	6.655276
ENSMUSG Tril	8.281377	7.12884	6.530612	3.820827	3.54806	3.016355
ENSMUSG Ccdc57	1.555911	1.47283	1.126208	1.524742	1.299824	1.350708
ENSMUSG Smim5	4.050285	3.393822	2.485832	4.555736	3.54084	3.070694
ENSMUSG Cyp4f16	7.545578	6.035292	8.088534	5.470188	6.379421	6.475263
ENSMUSG Ptgdr	0.0354	0.024354	0	0.591101	0.450417	0.218631
ENSMUSG Golga3	12.6489	12.95988	11.23131	11.48241	12.06964	11.366412
ENSMUSG P2rx2	0.169372	0.167417	0	0.35741	0.305958	0.396227
ENSMUSG Pgam5	10.61615	11.98238	11.5298	10.6082	10.794	10.867705
ENSMUSG Ankle2	10.7391	10.37646	9.086011	10.34957	11.40473	10.177803
ENSMUSG Pus1	7.484315	5.657117	7.063712	6.55649	6.841592	7.734037
ENSMUSG Ddx51	3.476797	3.970454	3.684682	3.037383	3.452633	3.150417
ENSMUSG Ep400	14.96308	14.80975	13.21557	13.92805	13.71729	13.827167
ENSMUSG Rbm45	9.509556	8.902295	9.923619	11.91259	10.99665	10.426417
ENSMUSG Snx18	13.80642	15.05693	15.34421	12.51153	12.32577	13.466885
ENSMUSG Gjb3	0.864445	0.646457	0.588581	0.550928	0.782817	0.919623
ENSMUSG Lgalsl	16.31623	17.05232	15.51695	12.11141	11.68878	10.054111
ENSMUSG Atp8b5	0.212973	0.147423	0.126719	0.528623	0.367068	0.396325
ENSMUSG Unc13b	10.14387	11.05979	9.145167	8.80869	9.376526	8.922442
ENSMUSG Stoml2	16.36425	16.22021	17.13345	14.78713	14.69597	16.436186
ENSMUSG Pigo	2.946554	3.414468	3.327409	4.388498	4.414406	3.8203
ENSMUSG Fancg	2.828479	3.006441	4.289247	3.567551	3.83164	3.794496
ENSMUSG Vcp	77.58373	74.64729	81.84577	87.30614	90.82864	87.510078
ENSMUSG 170002211	0.354407	0.384139	0.476854	0.404419	0.423923	0.324462
ENSMUSG Olfr893	0	0	0	0	0	0
ENSMUSG Cd72	3.980855	3.16599	5.463518	9.570136	6.325388	7.632573
ENSMUSG Tesk1	10.96622	10.49594	11.10546	8.944494	9.863703	9.673133
ENSMUSG Pram1	0.949237	0.754008	1.398288	0.584001	0.668381	0.486258
ENSMUSG Nsd2	7.557111	7.805031	7.508849	8.358534	7.803731	9.048967
ENSMUSG Snx33	11.54466	10.30749	10.27269	8.016849	8.105944	7.813067
ENSMUSG Ablim3	18.9466	16.89601	18.38177	13.57688	13.39201	12.877315
ENSMUSG Inpp1	21.70795	23.20926	21.87237	23.06516	22.36838	23.60912
ENSMUSG Cox7a1	1.930896	6.622715	2.19964	2.251012	1.718063	2.206837
ENSMUSG Gm10644	0.617549	0.819147	0.595851	0.63501	0.355061	0.369663
ENSMUSG Pot1b	2.897194	2.847826	3.669543	2.644191	2.311294	2.82182
ENSMUSG Tekt4	4.990607	5.453221	2.813843	7.283192	5.661382	7.290021
ENSMUSG Sox8	0.197746	0.133046	0.124631	0.617908	0.538958	0.274622
ENSMUSG 2210011C;	14.5406	9.964821	10.95396	5.642006	6.686249	7.121204
ENSMUSG Telo2	2.760498	2.258876	2.634609	2.3604	2.367797	2.670309
ENSMUSG Prss28	0	0	0	0	0	0
ENSMUSG St6gal2	0.042553	0.007632	0	0.033908	0.00911	0
ENSMUSG Tpsab1	0.126384	0	0.127141	0.650986	0.83448	0.804509
ENSMUSG Ccny	30.5744	27.65748	27.22924	20.93615	22.06756	20.118593
ENSMUSG Thoc1	4.499844	4.506574	4.811396	4.883152	4.518228	4.396089
ENSMUSG Olfr1191-f	0	0	0	0	0	0

ENSMUSG Wac	29.712	30.63474	27.26138	24.21459	26.78969	20.528121
ENSMUSG Olfr607	0	0	0	0	0	0
ENSMUSG Chrna3	0	0.027335	0	0.021882	0.012338	0
ENSMUSG Cdc25c	0.078758	0.054537	0.250227	0.403886	0.46928	0.353474
ENSMUSG Olfr983	0	0	0	0	0	0
ENSMUSG Vsig4	0.286643	0.307756	0	0.087494	0.053713	0.397698
ENSMUSG Necab3	0.293598	0.123262	0.263321	0.353727	0.162501	0.19043
ENSMUSG Snta1	4.858352	5.228852	5.658835	3.996907	4.275439	3.792657
ENSMUSG Bpifb1	0.591098	7.326875	0.142885	82.12692	55.25937	62.570125
ENSMUSG Bpifa5	0	0	0	0	0	0
ENSMUSG Cdk5rap1	3.16623	3.179474	2.902958	2.831642	3.143172	3.439608
ENSMUSG Bpifb2	0	0	0	0	0	0
ENSMUSG Sun5	0	0	0	0	0	0
ENSMUSG Bpifa1	1.218804	128.1963	0	15.12973	6.724554	6.133518
ENSMUSG Bpifa3	0	0	0	0.39771	0.090374	0
ENSMUSG Dpf2	32.37552	28.92746	31.72756	23.99793	24.287	21.034195
ENSMUSG Glc	0.074381	0.090884	0.14153	0.023548	0.05376	0.072419
ENSMUSG Rad9a	10.6912	9.164241	10.89022	8.100929	8.468468	10.051019
ENSMUSG Mrpl21	13.3057	14.23842	14.26385	14.83515	14.69359	15.512935
ENSMUSG Zfp426	9.991933	9.591614	9.982744	9.446541	8.522477	8.15065
ENSMUSG MbtD1	5.76701	5.732288	5.575015	5.467732	5.42426	5.071478
ENSMUSG Olfr979	0	0	0	0	0	0
ENSMUSG B3gnt8	1.547291	1.416603	1.51027	1.938621	1.782086	1.794538
ENSMUSG Orai3	18.30509	18.59409	18.36318	17.54227	16.52959	18.931202
ENSMUSG Thrap3	42.39256	42.72142	39.6059	41.73352	42.46221	40.260479
ENSMUSG Emx2	0	0	0	0	0	0
ENSMUSG Rab33b	11.26283	11.12344	9.745903	8.493204	8.744019	8.386049
ENSMUSG Gm6121	0	0	0	0	0	0
ENSMUSG Hoxa4	1.80706	2.657237	2.452118	1.607827	1.326406	1.378161
ENSMUSG Pvalb	0	0	0	0.299586	0.170735	0.112925
ENSMUSG Tfap4	3.383174	2.021781	2.75243	2.124242	2.332241	1.780136
ENSMUSG Gm38393	0.276568	0.064638	0	0.033624	0	0
ENSMUSG Kat8	12.18661	14.7093	15.18766	9.492467	12.79391	12.64032
ENSMUSG Prss8	39.38686	40.59859	29.18763	30.90657	31.79176	29.062756
ENSMUSG Bckdk	11.6356	10.99004	11.56392	12.08186	12.24045	12.341062
ENSMUSG Stx4a	31.24111	31.19372	37.12884	33.88854	32.50729	31.082525
ENSMUSG Gm21974	0	0	0	0	0	0
ENSMUSG Stx1b	0.334327	0.238878	0.224354	0.32759	0.194101	0.408722
ENSMUSG Zbtb38	13.28826	12.86862	10.10805	11.76279	12.94684	11.09621
ENSMUSG Ltb4r2	0.126118	0.134364	0.095327	0.015842	0	0.191994
ENSMUSG Pitpnc1	31.55226	33.6316	36.46659	21.27138	20.57577	19.434739
ENSMUSG Ppp1r15a	34.57121	28.41541	37.06072	16.50386	17.1221	17.908429
ENSMUSG Large2	1.945034	2.077856	1.877851	2.266106	2.103017	1.950806
ENSMUSG 4930503E1	0	0	0	0	0	0
ENSMUSG Atxn1	5.196114	4.888113	4.856658	3.595834	3.597949	3.892528
ENSMUSG Mbtps2	4.94375	5.793049	5.55596	6.190682	5.920034	5.626415
ENSMUSG Ear2	115.4942	113.1079	118.3765	343.2467	426.3046	369.6944
ENSMUSG Irgm1	18.09662	15.38064	82.91054	49.76372	17.27607	21.206554
ENSMUSG Nefh	0.097688	0.102886	0.124608	0.120862	0.101246	0.175056
ENSMUSG Aftph	21.21613	21.24791	20.22875	18.44523	18.69478	18.690587
ENSMUSG Tor1aip1	31.69278	43.20798	55.49297	40.37878	40.0392	33.741125
ENSMUSG Atp2b4	8.112184	7.88632	7.21132	4.455549	5.053307	4.7489
ENSMUSG Lhx4	0	0	0	0	0	0
ENSMUSG Xpr1	10.37313	11.61182	8.7016	9.229704	9.337855	9.127329
ENSMUSG Rpl11	304.0206	315.0365	307.7202	355.1121	349.0842	358.61149
ENSMUSG Commd9	14.12746	12.11218	13.85191	11.94341	12.31041	14.92419
ENSMUSG Elp4	2.168073	2.501045	1.727162	2.541485	2.073951	1.86552
Mus_musc Mus_musc	0.016028	0.01371	0.035356	0	0	0
Mus_musc Mus_musc	0	0.426802	0	0	0	0
Mus_musc Mus_musc	3.920597	3.776578	2.874775	3.204723	2.702749	2.838178
Mus_musc Mus_musc	0	0	0	0.309059	0.281645	0.130001
Mus_musc Mus_musc	0	0	0	0.116858	0	0
Mus_musc Mus_musc	0	0.153969	0	0	0	0.227692
ENSMUSG Castor2	3.779593	4.975275	3.799424	4.604578	5.684563	4.634995

ENSMUSG Fcgr1	1.987658	2.489004	4.909073	2.12627	2.519229	2.257118
ENSMUSG Bola1	13.4977	12.41441	11.86138	14.47012	13.48405	13.348173
ENSMUSG Gtf2ird2	3.317466	3.521212	3.172275	2.554512	2.805658	3.096197
ENSMUSG Olfr898	0	0	0	0	0	0
ENSMUSG Vmn1r118	0	0	0	0	0	0
ENSMUSG Vmn1r41	0	0	0	0	0	0
ENSMUSG Ms4a18	0	0	0	0	0	0
ENSMUSG Gm27027	0.00526	0	0	0	0	0
Mus_musc Mus_musc	0	0.17577	0	0	0	0
Mus_musc Mus_musc	0	0.24891	0	0.189021	0.170639	0.171868
Mus_musc Mus_musc	0.24253	0	0	0.268434	0.200284	0.347626
Mus_musc Mus_musc	0.376063	0	0.137007	0	0.189259	0
Mus_musc Mus_musc	0.287739	0.802231	2.319321	1.797281	1.4344	0.861415
Mus_musc Mus_musc	0	0	0	0.302201	0	0
Mus_musc Mus_musc	0.180146	0.056746	0	0.353926	0.178863	0
ENSMUSG Cd300ld5	2.594935	1.571436	2.64055	7.739323	5.667014	6.617671
ENSMUSG Krtap4-8	0	0	0	0	0	0
ENSMUSG Klra8	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.154347	0	0	0	0
Mus_musc Mus_musc	0	0.319007	0.372238	0.329632	0.365287	0.679987
Mus_musc Mus_musc	1.067149	1.284752	1.122336	1.185301	0.908119	0.825431
Mus_musc Mus_musc	2.974821	2.539154	2.252939	2.109271	2.821779	2.173597
Mus_musc Mus_musc	1.284875	0.997033	0.227824	0.583237	0.504935	0.810262
Mus_musc Mus_musc	2.022048	1.144661	0.518325	1.013547	0.913293	1.24814
Mus_musc Mus_musc	1.610998	0.791048	0.709972	0.913368	1.407121	0.902088
Mus_musc Mus_musc	1.238795	1.136372	0.791627	0.576396	0.43661	0.354966
ENSMUSG Svs3b	0	0	0	0	0	0
Mus_musc Mus_musc	1.788061	1.073174	1.023647	0.466309	0.494151	0.650983
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Nr2f6	20.74771	16.24798	16.1589	17.53707	20.77077	20.390038
ENSMUSG Use1	50.40017	62.31156	66.14882	48.43965	44.21755	50.010725
ENSMUSG Ocel1	13.69394	13.71063	12.69397	12.6438	12.34912	12.744933
Mus_musc Mus_musc	0.188031	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0.093346	0.134942
Mus_musc Mus_musc	0	0.154309	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.234784	0	0
Mus_musc Mus_musc	0.984805	1.62296	1.05598	1.012727	1.295772	0.969098
Mus_musc Mus_musc	0.17583	0.582012	0.112167	0.318996	0.124606	0.251415
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.377633	0.370535	0.235292	0.808814	1.044514	0.920449
ENSMUSG Ube2e2	11.50503	11.2148	10.67341	8.226653	6.677768	9.047108
Mus_musc Mus_musc	0	0	0	0.256619	0	0
Mus_musc Mus_musc	2.583333	2.012799	3.049711	1.653837	1.945799	1.966131
ENSMUSG Olfr1381	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.367683
ENSMUSG Olfr1472	0	0	0	0	0	0
ENSMUSG Rps18	34.75501	23.65002	43.85048	38.17879	36.4522	35.033322
ENSMUSG Gsdma3	0	0	0.046675	0	0	0
ENSMUSG Paqr9	0.153333	0.22144	0.142264	0.074124	0.058103	0.03247
ENSMUSG Hist2h2aa1	55.08482	46.0801	54.5015	57.64903	52.87833	35.370934
ENSMUSG Pam16	14.91606	13.33765	13.56524	14.72489	15.66771	13.991819
ENSMUSG Glis2	20.30713	17.66794	19.69453	11.74407	10.61221	12.951846
Mus_musc Mus_musc	0.911138	0.662598	0.543877	0.455274	0.310174	0.247612
Mus_musc Mus_musc	1.890913	2.31747	1.664396	1.627374	0.846774	1.645415
Mus_musc Mus_musc	0.637043	0.161018	0.236172	0.600036	0.447687	0.505126
ENSMUSG Nudt8	3.191607	3.328881	2.121339	3.5403	4.138778	5.485909
ENSMUSG Brms1	18.34767	16.18004	20.09602	18.98311	17.98939	19.788115
Mus_musc Mus_musc	1.934646	1.801476	1.495856	1.338915	1.244271	1.349043
Mus_musc Mus_musc	0.308374	0	0	0.262284	0.104213	0.32221
Mus_musc Mus_musc	0.262438	0.072266	0.312603	1.025676	1.137399	0.525193
ENSMUSG Olfr497	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0.174027	0	0
Mus_musc Mus_musc	0.285052	0.222617	0.399	0.299295	0.489568	0.219154
Mus_musc Mus_musc	0	0.39311	0.472348	0.301326	0.125702	0

Mus_musc Mus_musc	0.054612	0	0.064593	0	0	0
ENSMUSG Scgb1b19	0	0	0	0	0	0
ENSMUSG Olfr38	0	0	0	0	0	0
Mus_musc Mus_musc	0	0.222425	0.209238	0.777386	0.516788	0.551957
ENSMUSG Gm21586	0	0.041297	0.035006	0.308132	0	0
ENSMUSG Gm6370	0	0	0	0	0	0
ENSMUSG Gm2663	0	0	0	0	0	0
ENSMUSG Gm3376	0	0	0	0	0	0
ENSMUSG Pipox	0.213253	0.280352	0.148644	0.160952	0.065595	0.138923
ENSMUSG Jakmip1	0	0	0	0	0	0
ENSMUSG Gm9938	5.57541	5.882381	3.569305	4.379737	4.3844	4.351872
ENSMUSG Cisd1	22.37227	24.02598	21.24746	23.66604	23.52246	26.887281
ENSMUSG Fermt2	90.22656	89.59628	88.54607	52.56698	55.67099	51.01078
ENSMUSG Ccdc33	0.81809	1.496669	0.704861	2.085306	1.841869	1.524151
ENSMUSG Ubb	604.4896	661.5866	696.0836	630.6948	638.3453	684.14853
ENSMUSG Gm29276	0	0	0	0	0	0
ENSMUSG A130010J1	1.199606	1.974182	1.517865	2.479731	1.95171	1.602173
Mus_musc Mus_musc	0.31716	0	0.353698	0.154425	0.324212	0.138271
Mus_musc Mus_musc	0	0.058673	0	0	0	0
Mus_musc Mus_musc	0.708099	1.16868	0.486362	0.34461	0.197425	0.619023
Mus_musc Mus_musc	0	0.054607	0.155112	0.339389	0.373385	0.358194
Mus_musc Mus_musc	0	0	0.060082	0.190034	0	0.326243
Mus_musc Mus_musc	0.195282	0	0.056457	0.525217	0.404291	0.13518
Mus_musc Mus_musc	0.096285	0	0	0.145214	0	0.129248
Mus_musc Mus_musc	0.028451	0.043203	0.094149	0.467816	0.208985	0.362262
ENSMUSG Hnrnp1	61.98462	62.03869	60.68686	60.03374	58.40372	60.043227
ENSMUSG Tom1l2	21.08956	20.53981	21.3193	15.67988	16.24293	15.467964
ENSMUSG Lgsn	0.020968	0.036486	0	0.032432	0	0.112014
ENSMUSG Olfr70	0	0	0	0	0	0
ENSMUSG Eva1b	47.89908	40.04187	48.44822	30.46197	29.2954	30.466262
ENSMUSG Snip1	9.212698	7.843122	7.921341	7.054815	9.424898	8.832104
ENSMUSG Acvrl1	304.4829	268.7844	350.3661	184.7421	182.9642	192.60174
ENSMUSG Grasp	14.07382	11.97524	14.62097	6.547365	7.08179	7.596572
ENSMUSG Olfr863-ps	0	0	0	0	0	0
ENSMUSG Fam228b	0.057049	0.115773	0	0.086306	0.057887	0.132868
ENSMUSG Nthl1	5.540915	6.778596	4.812959	5.673526	4.517989	6.003379
ENSMUSG Paqr6	3.036685	2.493306	2.925929	2.116623	2.173901	2.949655
ENSMUSG Meis3	2.769191	2.544527	3.610193	3.779877	3.675968	3.817831
ENSMUSG Hibch	6.184693	7.635315	6.270886	8.018779	7.480956	8.009183
ENSMUSG Fam47c	0	0	0	0	0	0
ENSMUSG Sost	0.252969	0.456647	0.054786	0.100316	0.154161	0.087457
ENSMUSG Gm8765	0.006294	0.002864	0	0	0	0
ENSMUSG Gm21921	0	0	0	0	0	0
ENSMUSG D430019H	1.978002	1.999273	2.010358	2.180285	2.049356	1.783703
ENSMUSG Gm9507	0	0	0	0	0	0
ENSMUSG Slc7a4	5.595141	4.314413	4.265354	4.317014	3.707219	4.523242
ENSMUSG Tfg	25.28141	22.67821	26.33629	26.52847	24.72665	27.225285
ENSMUSG Tmem45a	2.193306	2.307869	2.33352	2.710232	2.989082	2.593303
ENSMUSG Adgrg7	0	0	0	0.093522	0.053766	0.057755
ENSMUSG Tomm70a	11.55626	10.89804	10.20802	10.15876	11.08121	10.725344
ENSMUSG Tmem30c	0	0	0.037255	0	0.019378	0
ENSMUSG Klhl22	10.09432	9.606135	9.981618	10.72086	9.812481	10.0475
ENSMUSG Nit2	7.315344	7.470729	6.02645	7.785266	7.223397	6.730318
ENSMUSG P2rx6	2.554056	2.700428	2.249993	1.864155	1.765074	2.484248
ENSMUSG Lrrc74b	3.177343	3.738311	2.289932	6.05533	5.858511	5.193151
ENSMUSG Fbxl13	0.606462	1.016776	0.449047	1.192718	0.770912	0.832017
ENSMUSG Rnf185	17.23174	18.85163	17.56452	14.60788	15.84996	15.16959
ENSMUSG Abat	1.467656	1.706326	1.112175	1.55052	1.244396	1.720229
ENSMUSG Arf5	56.01944	47.80257	50.95105	51.69223	51.78178	58.138229
ENSMUSG 2310033P	15.71255	11.07875	14.03905	13.43621	11.57311	13.317024
ENSMUSG Guk1	47.23624	48.41645	43.91225	43.03285	41.4092	39.910385
ENSMUSG Npc1l1	0	0.04888	0.04629	0	0.031178	0
Mus_musc Mus_musc	0.56789	1.082931	0.511838	0.403833	0.195412	0.208053
Mus_musc Mus_musc	0.56313	0.501705	0.30978	0.948812	0.744945	0.980361

ENSMUSG Plac9b	8.630659	6.735499	7.6449	6.842543	5.996444	5.482121
Mus_musc Mus_musc	0	0	0	0.122639	0.081502	0.1111
Mus_musc Mus_musc	0	0.308619	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.343017
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Rnf5	22.25925	23.56988	21.48942	25.20233	26.25765	26.01058
ENSMUSG Ndc1	2.555837	2.414448	2.101881	2.396632	3.046376	2.726049
ENSMUSG Lrrc42	11.83505	12.2036	12.4252	11.33821	10.38519	12.410817
ENSMUSG Dmrtb1	0.030311	0.021807	0	0.16878	0.178165	0.092921
ENSMUSG Lrp8	0.321243	0.421972	0.426958	1.075675	0.578679	0.748844
ENSMUSG Tceanc2	3.508549	3.843906	3.703139	4.320016	3.715466	3.506697
ENSMUSG Tmem59	176.0384	185.5843	173.5454	145.6344	145.9818	134.99611
ENSMUSG Mtcl1	17.60303	17.7884	15.60162	11.59892	12.3664	10.777282
ENSMUSG Gnpda1	6.036967	6.621243	6.071066	12.35973	13.65828	13.647298
ENSMUSG Tasp1	3.18215	2.660747	2.811269	3.241196	2.773023	3.236965
ENSMUSG Aars2	2.972514	3.176287	3.486142	2.800418	2.95416	3.667611
ENSMUSG Arhgap18	10.66189	11.0681	9.127339	12.32788	11.88157	11.891441
ENSMUSG St6galnac5	0.300607	0.483072	0.276731	0.246288	0.265331	0.152858
ENSMUSG Efhb	0.585803	0.560792	0.513165	0.873481	0.712842	1.136953
ENSMUSG Crisp2	0	0	0.019556	0.094999	0.023925	0.023603
ENSMUSG Cdc5l	15.32736	15.37575	14.41214	12.75037	15.89534	14.126786
ENSMUSG Spats1	0	0	0	0	0	0
ENSMUSG E330034G	0	0	0	0	0	0
ENSMUSG Tuba3a	0	0	0	0	0	0
ENSMUSG Erlin1	13.13061	13.42829	11.97708	9.068121	9.822472	9.794074
ENSMUSG Tas2r110	0	0	0	0	0	0
ENSMUSG Wfdc13	0.169824	0	0.160127	0.581998	0.280039	0.35431
ENSMUSG Got1	8.607509	8.357819	9.364383	15.50577	15.46765	15.473568
ENSMUSG Cutc	4.81699	5.400006	5.430462	5.099774	5.114554	4.551098
ENSMUSG Entpd7	1.11809	1.455462	1.163786	1.550672	1.671943	1.88022
ENSMUSG Dnmbp	7.820471	8.083954	6.964897	5.660273	6.173996	6.391922
ENSMUSG Abcc2	0.017709	0	0	0	0.056415	0.020307
ENSMUSG Cyp2c23	0.290732	0.323518	0.287323	0.232052	0.126768	0.055563
ENSMUSG Cpn1	2.295671	3.0676	2.747523	2.162446	1.92912	2.814986
ENSMUSG Cog1	12.70452	10.89016	11.12854	9.744487	10.75027	10.996147
ENSMUSG Cbx1	22.71939	23.98649	24.09935	22.73378	21.82374	22.381055
ENSMUSG Cdk5rap3	13.06538	11.88008	12.07734	17.20215	16.6447	18.381934
ENSMUSG Hbap4	12.8049	13.0975	14.38356	10.67566	9.898762	10.734799
ENSMUSG Ctst	90.46686	75.40359	86.22641	207.5164	211.1204	289.86061
ENSMUSG Olfr594	0	0	0	0	0	0
ENSMUSG Olfr593	0	0	0	0	0	0
ENSMUSG Olfr597	0	0	0	0	0	0
ENSMUSG Olfr596	0	0	0	0	0	0
ENSMUSG Ercc6l2	4.817698	4.369236	3.840754	4.023474	3.964703	4.437925
ENSMUSG Olfr598	0	0	0	0	0	0
ENSMUSG Gm8267	0	0	0	0	0	0
ENSMUSG Drd1	0	0.012816	0	0	0	0.030904
ENSMUSG Olfr584	0	0	0	0	0	0
ENSMUSG Pnp2	3.810466	3.659146	3.746594	3.689662	3.596397	0.7105
ENSMUSG Glra4	0.048985	0	0.027679	0	0	0.022432
ENSMUSG Sparc	558.4888	509.12	517.8239	369.1456	392.8037	396.89987
ENSMUSG Mief2	5.155432	5.115915	5.103921	5.100288	5.00183	5.341949
ENSMUSG Gm29582	0	0	0	0	0	0
ENSMUSG Esp22	0	0	0	0	0	0
ENSMUSG Ptp4a1	21.57987	23.12819	18.48727	17.435	17.36216	17.381045
ENSMUSG Oas1f	0	0	0	0	0	0
ENSMUSG Acer1	0	0	0	0	0	0
ENSMUSG Lysmd1	5.288836	4.755645	4.567169	4.232285	5.085144	3.680917
ENSMUSG Chchd3	25.08635	27.71974	26.12376	32.18814	31.42184	33.350632
ENSMUSG Csgalnact2	31.45909	31.07195	29.53582	23.20268	23.42645	19.809473
ENSMUSG Fam207a	11.97784	12.25708	11.96977	10.50748	11.69654	12.951124
ENSMUSG Guca2b	0	0	0	0.208819	0.245173	0
ENSMUSG Lpcat4	7.184509	6.302872	7.388079	8.183445	7.132633	7.454159
ENSMUSG Chil4	0.013247	0	0	226.1849	209.3902	166.14687

ENSMUSG Emc4	39.80767	39.25716	40.67355	35.73854	31.43002	38.205803
ENSMUSG Slc12a6	24.29411	24.98707	21.33178	21.27964	20.99928	21.796385
ENSMUSG Nop10	14.90942	19.93011	18.86281	18.19732	15.64563	17.25704
ENSMUSG Katnbl1	6.449321	7.906866	6.914682	6.154593	6.179444	7.281341
ENSMUSG Olfr1469	0	0	0	0	0	0
ENSMUSG Myo5c	19.18592	20.99394	18.13428	19.82337	20.21857	22.248525
ENSMUSG Rfwd3	9.257111	9.976623	9.50898	9.490598	9.463366	10.174145
ENSMUSG Caskin1	0.350047	0.289162	0.233648	0.218388	0.274461	0.249389
ENSMUSG Spata2l	2.338091	1.944701	2.441923	2.282073	1.944991	2.060925
ENSMUSG Lgi3	71.53338	76.75919	72.48766	70.25841	64.28633	73.405064
ENSMUSG Olfr481	0	0	0	0	0	0
ENSMUSG Fra10ac1	4.991282	4.076208	5.454336	3.632246	4.640676	4.800613
ENSMUSG Psg26	0	0	0	0	0	0
ENSMUSG Psg25	0	0	0	0.050151	0	0
ENSMUSG Dip2c	7.280533	7.508114	6.65668	4.779455	5.633984	5.325516
ENSMUSG Psg27	0	0	0	0	0	0
ENSMUSG Psg21	0	0	0	0	0	0
ENSMUSG Pdpr	7.588143	7.797914	5.988947	7.611861	7.803193	7.883745
ENSMUSG Pcgf3	8.968705	8.747733	8.242797	7.061687	6.958813	7.575896
ENSMUSG Pik3c3	12.37726	12.71023	10.81811	10.2328	10.8259	9.189246
ENSMUSG Hacd3	47.90806	48.3015	42.51329	47.38237	46.06397	45.811642
ENSMUSG Adamts8	6.226019	4.869247	6.908417	6.3403	7.060148	6.811221
ENSMUSG St14	14.70666	16.39202	12.63496	17.23273	17.68938	18.009242
ENSMUSG Aplp2	257.1822	266.2137	255.3724	188.6275	194.9637	194.77238
ENSMUSG Trpc6	7.575625	7.490698	7.80385	4.243245	4.429588	3.462979
ENSMUSG Jam3	4.785555	5.157958	4.87553	3.307472	3.570035	3.626012
ENSMUSG Spata19	0	0	0	0	0	0
ENSMUSG Smpd5	1.732051	0.901998	1.848449	1.33473	1.330205	0.97232
ENSMUSG Snx19	10.33479	10.35024	8.68107	8.482237	9.020372	9.148451
ENSMUSG Rnpepl1	34.36984	33.41036	34.41242	30.62594	31.69481	33.250835
ENSMUSG Ndufa10	24.17907	27.86023	23.55464	24.59818	27.21665	28.500534
ENSMUSG Spc24	1.265096	1.859032	1.876739	2.65338	5.017985	4.334066
ENSMUSG Zfp872	0.461783	0.461363	0.485963	0.59413	0.863847	0.933322
ENSMUSG A230072l0	0	0	0	0	0	0
ENSMUSG Eif2ak3	10.91622	10.49378	10.90191	12.55368	13.52593	13.907853
ENSMUSG Gins3	1.217903	1.726665	1.624436	1.382718	1.969008	1.818915
ENSMUSG Rbl2	15.0151	17.6877	14.69707	17.26866	16.96514	16.656057
ENSMUSG Aktip	32.78135	34.3138	32.60209	24.23778	24.47605	24.593049
ENSMUSG Sall1	0.799803	0.766535	0.532221	0.387992	0.520753	0.268146
ENSMUSG Snx20	3.727648	2.813806	5.286986	7.895816	7.448739	8.352017
ENSMUSG Brd7	20.29689	21.50638	19.52856	21.22608	19.55477	21.632788
ENSMUSG Nkd1	71.08482	63.06461	75.47487	41.74814	49.40652	45.431219
ENSMUSG As3mt	17.08139	15.62718	16.33794	16.48145	14.71987	15.225081
ENSMUSG Slc38a1	5.347097	6.064339	3.946988	9.002188	8.767683	8.994263
ENSMUSG Ssxb2	0	0	0	0	0	0
ENSMUSG Cyp17a1	0	0	0	0	0	0
ENSMUSG Plxnc1	6.166592	6.135769	6.637052	10.41628	10.68108	10.930662
ENSMUSG Gnpda2	14.33654	11.76368	11.33267	12.07971	10.08396	11.400247
ENSMUSG Guf1	3.937907	4.217551	3.800073	3.487709	3.146191	3.429341
ENSMUSG Anapc15-1	0	0.074641	0.120245	0.649835	0.015441	0.388166
ENSMUSG Cnga2	0.184656	0.255738	0.13387	0.084168	0.138191	0.06907
ENSMUSG Chrna9	0	0	0	0	0.145667	0
ENSMUSG Rhoh	1.937491	1.479055	1.741756	3.946868	2.998458	3.416408
ENSMUSG Apbb2	10.70809	9.974652	11.03228	8.590871	8.347154	8.406082
ENSMUSG Nsun7	0.140868	0.194434	0.133471	0.130936	0.149272	0.187432
ENSMUSG Ugdh	14.14848	13.99595	14.31949	14.4284	13.7358	14.64082
ENSMUSG Tob2	15.47146	16.54206	15.56598	13.33186	12.48884	12.927826
ENSMUSG Kcnd1	0.084538	0.107377	0.064449	0.261962	0.19432	0.296781
ENSMUSG Pds5a	19.10087	21.64658	16.5245	19.93773	19.96853	18.485261
ENSMUSG Omg	0	0	0	0.023353	0.024983	0.019758
ENSMUSG Tsn	8.051954	7.921267	7.957304	7.105497	7.394833	6.954445
ENSMUSG Olfr103	0	0	0	0	0	0
ENSMUSG Ube2u	0	0	0	0.096122	0.085512	0.025045
ENSMUSG Dmrta1	0	0.022471	0.01843	0.023336	0.021603	0.040143

ENSMUSG Fam19a4	0	0.018038	0.020519	0.070083	0.025574	0.154582
ENSMUSG Kcnk7	0.49242	0.33354	0.314725	0.766324	0.536169	0.34558
ENSMUSG Serpinb1c	0.032125	0.082399	0.070761	0.145068	0.037041	0.17866
ENSMUSG H2-Oa	2.234256	1.416156	1.669798	4.876931	3.690949	3.673229
ENSMUSG Fut1	0.051599	0.122371	0	1.196341	1.206603	0.778722
ENSMUSG Eps15	37.77188	33.38155	31.71001	25.99309	26.746	25.593566
ENSMUSG Angptl3	0	0.089546	0.135536	0.097341	0.032879	0.098556
ENSMUSG Ncaph	2.32231	2.346818	2.006234	2.43684	4.11544	3.099762
ENSMUSG Cdkn2c	11.01397	11.94525	12.02956	13.23997	12.82206	10.974353
ENSMUSG Dock7	11.5982	11.31715	9.305173	9.683074	8.442016	9.026273
ENSMUSG Rnf11	23.36052	24.83228	23.88215	19.10145	18.96438	17.974329
ENSMUSG Pip5k1c	35.13798	34.03824	34.93719	37.37357	37.38897	39.02281
ENSMUSG Cobll1	14.36693	14.12243	13.11183	9.001424	8.774409	9.237813
ENSMUSG Calr4	0.100865	0.032222	0.046957	0.090289	0.045742	0
ENSMUSG Osbp19	61.32656	61.16263	59.52419	48.92502	49.51741	49.264169
ENSMUSG Sidt2	25.42775	24.71502	27.43704	28.18124	31.04973	30.893316
ENSMUSG Ppil4	12.46501	13.94283	13.2364	12.87128	10.83808	10.360297
Mus_musc Mus_musc	1.035546	0.425133	0.196762	0.569891	0.520627	0.682961
ENSMUSG Aph1a	46.18536	41.07535	46.99968	43.25576	42.57383	38.982798
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0.168936	0	0	0
Mus_musc Mus_musc	13.5516	14.19765	11.45108	13.23102	12.32119	14.273009
Mus_musc Mus_musc	0	0	0	0.071838	0	0
Mus_musc Mus_musc	0.141443	0	0	0.0921	0	0
Mus_musc Mus_musc	0	0.149973	0.229251	0.063609	0.098438	0
Mus_musc Mus_musc	0.331592	0.516774	0.67948	0.271698	0.251351	0.303894
Mus_musc Mus_musc	0.03108	0.348152	0	0	0	0
Mus_musc Mus_musc	3.527599	4.586622	4.851555	2.742034	2.350384	2.011034
Mus_musc Mus_musc	0.501557	0.406862	0.780185	0.515076	0.71755	0.648246
Mus_musc Mus_musc	0.199847	0.172185	0.221027	0.26154	0.283696	0.081582
Mus_musc Mus_musc	0.248423	0	0.071081	0.749991	0.185907	0.178751
ENSMUSG Psg22	0	0	0	0	0	0
ENSMUSG Cxcl12	82.19589	76.44526	68.37725	67.34377	66.01037	75.547642
ENSMUSG 4930503L1	5.962615	5.582621	6.494453	5.323488	4.7077	4.601151
ENSMUSG Tnfrsf26	1.483191	0.859257	1.173201	2.487025	2.045203	2.387089
ENSMUSG Ifne	0	0	0	0	0	0
ENSMUSG Myd88	21.74851	21.7306	26.57152	22.51035	20.95945	21.815357
ENSMUSG Fbxl2	2.001639	1.583821	2.298562	2.173836	2.154875	2.296051
ENSMUSG Pcd6ip	38.04205	37.75316	41.82444	37.94777	34.9102	35.718011
ENSMUSG Stac	0.135405	0.164172	0.20165	0.088653	0.317674	0.290421
ENSMUSG Arpp21	0	0	0.073867	0	0	0
ENSMUSG Dclk3	1.188822	0.698423	1.288468	0.422271	0.595365	0.674839
ENSMUSG Trib1	14.07902	11.24864	11.59118	9.924643	9.554554	9.363205
ENSMUSG Plau	6.900418	6.15939	7.231759	8.748249	10.33002	9.630063
ENSMUSG Serpina9	0.038807	0.084738	0.059277	0.165781	0	0.068857
ENSMUSG Mrps14	8.873176	8.252957	8.964253	8.081919	7.538615	8.472814
ENSMUSG Ring1	12.94389	12.98117	14.4403	13.61184	12.06772	12.279627
ENSMUSG Slc39a7	51.1628	48.02243	57.94281	54.30746	54.38037	57.506421
ENSMUSG Ccdc158	0.385676	0.353955	0.301848	0.332876	0.450086	0.342452
ENSMUSG Tdrp	9.093384	8.255389	8.590691	4.97232	4.178299	5.999793
ENSMUSG Gm11114	0	0	0	0	0	0
ENSMUSG Olfr1425	0	0	0	0	0	0.022157
ENSMUSG Kcnj13	8.214108	8.070348	5.817287	6.953669	5.339624	6.431598
ENSMUSG Rpl36a	176.273	168.9284	179.1052	202.7021	176.0558	179.25503
ENSMUSG Neu2	1.674788	1.633006	1.522934	0.980701	1.203901	1.24705
ENSMUSG Gm11116	0	0	0	0	0	0
ENSMUSG Gm11115	0	0	0	0	0	0
Mus_musc Mus_musc	0.705931	1.204964	0.543485	0.781733	0.64611	0.723281
Mus_musc Mus_musc	5.765647	3.496547	2.993026	2.31134	1.844299	3.78727
ENSMUSG Adgrd1	2.330094	2.808877	1.529499	2.013734	1.255084	2.670757
ENSMUSG Mrpl50	9.061265	10.50361	10.05969	9.619948	9.362347	8.98104
Mus_musc Mus_musc	0.519402	0.68876	0.59733	0.652481	0.444331	0.411394
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Vwf	55.00363	43.97473	48.49605	58.88587	73.5453	68.239553

Mus_musc	Mus_musc	0.060196	0.026184	0.363194	0.311169	0.46109	0.390289
Mus_musc	Mus_musc	1.636923	1.886358	1.423192	1.596214	1.923605	1.743542
Mus_musc	Mus_musc	0.117909	0.174983	0.131836	0.026198	0.229498	0.144245
Mus_musc	Mus_musc	0.13915	0	0	0	0	0.180342
Mus_musc	Mus_musc	0	0	0.142165	0	0.094876	0
Mus_musc	Mus_musc	0	0.076019	0.071554	0.306253	0.333847	0.253856
Mus_musc	Mus_musc	12.23271	9.149001	11.84819	8.970043	7.693388	7.678692
ENSMUSG	Defb39	0	0	0	0	0	0
ENSMUSG	Defa35	0	0	0	0	0	0
ENSMUSG	Fam104a	13.02697	9.744456	12.03961	8.393943	9.832195	9.789817
ENSMUSG	Oifr1126	0	0	0	0	0	0
ENSMUSG	Zfp846	1.313439	1.067248	1.219534	0.88906	1.249888	1.323831
ENSMUSG	Mmp1b	0	0	0	0	0	0
ENSMUSG	D11Wsu47	4.605268	4.237042	5.041829	4.937454	3.771973	3.892047
ENSMUSG	Ggact	12.24835	10.97114	11.2562	10.46523	8.888267	11.351072
ENSMUSG	Gucy1a2	2.754329	2.760505	1.785767	2.255615	1.716771	1.831598
ENSMUSG	Prkacb	27.80359	26.26094	26.94716	20.65188	21.30348	21.220718
ENSMUSG	Apoh	0	0.117475	0	0	0.088169	0.090081
ENSMUSG	Oifr26	0	0	0	0	0	0
ENSMUSG	Vmn2r45	0	0	0	0	0	0
ENSMUSG	Msl3l2	8.178928	5.400896	6.838914	6.000142	4.886716	6.263107
ENSMUSG	Dkk4	0	0	0	0	0	0
ENSMUSG	Lgals3	84.40797	80.48976	93.67986	306.5415	332.1067	396.87328
ENSMUSG	Fam205c	0.354849	0.213329	0.059	0.095893	0.079189	0.045852
ENSMUSG	Ocstamp	0.015425	0.07072	0.013674	1.691054	2.668062	2.401523
ENSMUSG	Actl6a	17.30665	17.81783	18.04028	19.02356	16.52643	18.641011
ENSMUSG	Ccdc39	2.975327	3.812654	1.976927	4.347291	3.760256	3.965739
ENSMUSG	Ttc14	6.588565	6.858732	6.336619	6.538505	7.316861	6.144028
ENSMUSG	Pex5l	0.287519	0.222809	0.162514	0.115763	0.149718	0.095465
ENSMUSG	Ncoa3	15.92267	14.73696	14.51438	14.14103	13.8044	16.080277
ENSMUSG	Dnajc19	12.97146	11.42466	11.19761	14.75869	10.31462	10.248602
ENSMUSG	Rapgef5	78.66859	79.97316	74.31441	50.34798	56.23807	48.34016
ENSMUSG	Hrrr	0	0	0	0	0	0
ENSMUSG	Tik1	23.28591	23.08636	21.33824	20.17685	20.8425	19.823502
ENSMUSG	Zbed3	8.518276	10.51392	9.90946	9.454707	10.40363	9.219454
ENSMUSG	Oifr1122	0	0	0	0	0	0
ENSMUSG	Mafa	0.125423	0.346985	0.137604	0.247142	0.142797	0.418538
ENSMUSG	Nxpe5	0.045211	0.143282	0.062277	1.400997	0.982116	1.598424
ENSMUSG	Ap3m2	7.408169	7.396838	6.793429	7.014165	6.174848	5.859583
ENSMUSG	Gpx6	0	0.034317	0	0	0	0.050033
ENSMUSG	Gpx5	0	0	0	0	0	0
ENSMUSG	Pde1c	0.259713	0.311972	0.154489	0.200104	0.075456	0.133969
ENSMUSG	Sox1	0	0.009549	0.010489	0	0	0
Mus_musc	Mus_musc	1.826342	0.850415	1.125615	0.667062	0.301819	0.54676
ENSMUSG	Esp38	0	0	0	0	0	0
ENSMUSG	Gm10096	0	0	0	0	0	0
Mus_musc	Mus_musc	0	0.154309	0	0.158522	0	0.097139
Mus_musc	Mus_musc	0	0	1.143232	0.588555	0	0
Mus_musc	Mus_musc	0.228597	0.230731	0	0.203531	0.172253	0.437602
Mus_musc	Mus_musc	0.119333	0.171077	0.332285	0	0.032046	0.390707
Mus_musc	Mus_musc	0.286264	0.549388	0.420049	0.451646	0.397029	0.300335
ENSMUSG	Arhgap24	8.16317	11.44301	8.240154	7.521781	8.017121	6.128054
ENSMUSG	Oifr743	0	0	0	0	0	0
ENSMUSG	Vmn1r112	0	0	0	0	0	0
ENSMUSG	Ctdp1	9.534556	9.787292	8.474118	7.259304	7.557596	7.622709
ENSMUSG	Cfap73	0.8094	1.373195	0.966635	2.478825	1.321441	1.636221
ENSMUSG	Zfp953	1.408608	1.305708	0.9721	1.403577	1.215513	0.915221
Mus_musc	Mus_musc	0	0	0	0.239756	0	0
Mus_musc	Mus_musc	0	0	0	0	0	0
Mus_musc	Mus_musc	0	0.295725	0	0.11101	0.148314	0.066932
Mus_musc	Mus_musc	0.417417	0.358995	0	0	0	0
Mus_musc	Mus_musc	0.152545	0.28591	0.211707	0.364945	0.422123	0.188748
ENSMUSG	Vmn1r232	0	0	0	0	0	0
Mus_musc	Mus_musc	5.37043	5.332692	4.585191	4.433835	4.089917	4.035687

ENSMUSG Ndufa11	45.93181	46.03288	45.74224	48.64139	47.54034	51.844591
Mus_musc Mus_musc	0	0	0	0	0	0.33212
ENSMUSG Olfr896-ps	0	0	0	0	0	0
ENSMUSG Tnp01	19.99371	21.27128	18.70867	20.2651	20.9916	21.156983
ENSMUSG Myod1	0	0	0	0	0	0
ENSMUSG Shisa3	0.14047	0.333389	0.129713	0.332696	0.408783	0.498364
Mus_musc Mus_musc	8.924316	7.663479	6.097344	7.33828	6.38492	6.822071
Mus_musc Mus_musc	1.299105	2.038844	2.294849	1.407271	1.840126	1.606893
Mus_musc Mus_musc	0	0	0.102124	0.42016	0.513	0.126218
Mus_musc Mus_musc	0.283647	0.487431	0.699376	0.302308	0.503258	0.343304
Mus_musc Mus_musc	0	0	0.108303	0	0.101664	0
ENSMUSG Pcdha12	0.089728	0.040634	0.080462	0.063901	0.017058	0.081668
ENSMUSG Olfr205	0	0	0	0	0	0
ENSMUSG Olfr478	0	0	0	0	0	0
ENSMUSG Gm19965	0	0	0	0	0	0
ENSMUSG Orm2	0.178327	0	0.232151	2.058555	1.148579	1.128883
ENSMUSG Eif4e3	19.83391	20.72348	22.36477	16.73875	15.31496	15.41001
ENSMUSG Zfp229	3.539099	3.206575	2.758693	3.075603	2.778711	2.430642
Mus_musc Mus_musc	0	0	0	0	0	0.184186
ENSMUSG Map7d3	0.635931	0.610939	0.51423	0.413401	0.602246	0.408319
ENSMUSG Vxn	0.130571	0.117154	0.076582	0.014056	0.066283	0.059962
Mus_musc Mus_musc	0.29227	0.23669	0.155987	0.092592	0.24493	0.23327
Mus_musc Mus_musc	0.320872	0.205225	0.078313	0.174721	0.081442	0.217929
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.067129	0	0.266509	0	0	0.103282
ENSMUSG Htatsf1	16.1408	15.83046	16.02711	13.26672	11.92827	12.535149
ENSMUSG Eif3k	103.6354	91.85677	100.4881	101.6215	104.5721	107.65198
ENSMUSG Gapdhs	0.775969	1.208266	0.932893	0.836443	0.839329	0.938412
ENSMUSG Gm14569	0.094651	0.08393	0.108776	0.061465	0.035962	0.049202
ENSMUSG Il13ra2	0	0	0	0.278838	0.678755	0.342937
ENSMUSG Gm14137	0.265525	0.426501	0.324928	0.419693	0.257668	0.285978
ENSMUSG Aasdh	3.074383	2.576122	2.544102	2.901989	1.883482	1.915049
ENSMUSG Ccr10	0.509422	0.297097	0.584807	1.60113	2.014352	2.007801
ENSMUSG Slc7a8	4.33743	3.817039	2.99053	8.156346	10.12203	10.814989
ENSMUSG Aaas	5.375454	6.965016	6.007592	6.341106	7.495528	8.538189
ENSMUSG Pon1	43.2232	41.13658	28.13348	5.558628	5.219612	5.679502
ENSMUSG Mien1	24.16149	26.44148	27.55076	30.75799	31.6092	34.484295
ENSMUSG Cenpt	4.730327	4.533307	4.919101	3.928103	4.452636	4.267242
ENSMUSG Tmtc3	9.647108	11.08739	9.638573	8.311527	8.582954	7.554406
ENSMUSG Ctdsp2	84.88783	79.91563	82.15502	62.90285	60.6278	54.968902
ENSMUSG Psen2	17.13552	12.25968	15.16343	14.51586	14.72921	15.30339
ENSMUSG Rbm25	22.19755	24.25696	24.22661	22.97719	20.80503	23.030637
ENSMUSG Tnk1	6.024089	4.696501	5.321736	4.071499	3.788643	4.212656
ENSMUSG Adam39	0	0	0	0	0	0
ENSMUSG Pigyl	21.5746	21.42597	24.12804	23.86522	18.30906	19.445014
ENSMUSG Olfr141	0	0	0	0	0	0
ENSMUSG Apol7a	0.311183	0.517527	0.178443	0.463584	0.227976	0.438888
ENSMUSG Tceal5	0.426673	0.173376	0.103886	0.342032	0.053647	0.08186
ENSMUSG Ecsit	9.303628	8.281441	8.533711	7.985275	7.483954	8.148546
ENSMUSG Zfp772	0.891677	1.311629	1.531376	1.583785	1.622079	0.97492
ENSMUSG Zcwpw1	0.513224	0.552934	0.746549	0.47022	0.672972	0.637006
ENSMUSG Myh14	115.4485	118.3195	98.14087	72.26256	75.48447	68.900726
ENSMUSG Eif3c	57.13015	53.84817	53.43945	53.88372	53.84477	57.469417
ENSMUSG Slco2b1	6.321761	5.858918	5.22938	7.175027	8.114863	7.837996
ENSMUSG Rmnd5b	15.12212	16.73442	14.85401	13.55416	13.72255	14.509393
ENSMUSG Sh2b1	16.48799	15.17866	16.11711	15.49115	15.25659	15.957586
ENSMUSG N4bp3	21.52868	23.03756	20.8881	12.77029	14.77448	13.681311
ENSMUSG Syt3	0.426805	0.627029	0.523946	0.528468	0.361681	0.381412
ENSMUSG Fer1l6	0.051039	0.014124	0.008219	3.594177	2.85967	3.538703
ENSMUSG Rbm15	4.449976	5.14241	3.817304	4.322356	4.380113	5.171295
ENSMUSG Tmem72	0	0	0	0	0	0
ENSMUSG Olfr19	0	0	0	0	0	0
ENSMUSG Taf13	8.94831	8.548279	8.89342	7.661768	6.299319	7.137725
ENSMUSG Gm17727	0	0	0	0	0	0

ENSMUSG Tmem246	12.24098	11.13556	9.681674	7.601477	9.96085	8.469092
ENSMUSG Gabra5	0	0	0	0	0	0
ENSMUSG Stub1	43.66446	41.28427	41.24201	37.3937	34.12325	38.33342
ENSMUSG Angpt2	3.161675	3.07186	3.960485	4.541039	4.924797	3.968929
ENSMUSG Rps27	390.6531	380.8839	401.7679	471.6109	255.2874	357.33134
ENSMUSG Agpat5	1.730643	1.917894	1.788013	1.675618	1.881948	1.863128
ENSMUSG Myom2	0.18503	1.93405	0.258847	0.554006	0.309302	0.224
ENSMUSG Gm9964	0	0	0	0	0	0
ENSMUSG Tmem176a	120.3206	122.0251	120.6228	154.0686	163.151	152.22102
ENSMUSG Gm10198	0	0	0	0	0	0
ENSMUSG Gm17732	0	0	0	0	0	0
ENSMUSG Lama5	18.24962	17.04466	17.22329	15.12037	15.19836	16.818665
ENSMUSG Frk	1.90342	2.405895	1.779976	2.659665	2.75471	2.94519
ENSMUSG Hdac2	27.47447	27.71533	26.25793	26.04511	25.60995	24.08903
ENSMUSG Mtrf1l	2.496684	1.845391	1.925272	1.93872	1.912154	2.099495
ENSMUSG Rgs17	0.146329	0.243869	0.140852	0.096133	0.044901	0.056598
ENSMUSG Vip	0	0.148661	0.027494	0.112371	0.107989	0.052487
ENSMUSG Fbxo5	1.363809	1.832144	1.401648	2.72111	2.27322	2.482811
ENSMUSG Tubal3	0	0	0	0	0	0.017847
ENSMUSG Tshz3	2.20747	2.844733	2.545475	1.682133	1.55063	1.657351
ENSMUSG Akr1c18	0	0.075354	0	0.192578	0.582636	0.367452
ENSMUSG Lrrc30	0	0	0	0	0	0
ENSMUSG Dmtn	9.07843	8.546065	6.796181	6.355033	5.410259	5.380643
ENSMUSG Akr1c13	4.509804	4.809765	4.28756	4.877867	5.340895	5.054026
ENSMUSG Akr1c6	0	0	0	0	0	0
ENSMUSG Akr1c12	0.247826	0.489727	0.292593	0.587253	0.267676	0.399776
ENSMUSG Fam160b2	6.226477	6.101271	7.005698	7.112204	6.642799	6.706083
ENSMUSG Slc39a14	3.218096	3.444428	3.430056	4.369992	4.81624	5.086084
ENSMUSG Sftpc	15872.04	16090.47	15207.63	13046.89	11967.14	13828.374
ENSMUSG Hr	2.494033	2.578475	2.152051	3.041381	3.475625	3.88864
ENSMUSG Sorbs3	80.46804	73.82586	72.32305	39.88093	40.71227	36.62914
ENSMUSG Pdlim2	120.2417	107.5223	116.186	67.25346	65.03751	65.874691
ENSMUSG Gdi2	62.5621	63.53322	62.66354	74.04811	74.4176	72.735717
ENSMUSG Rgs6	5.144452	4.381926	3.818641	2.681841	2.24082	2.277823
ENSMUSG Slc36a1	5.339616	4.936148	5.074066	7.542259	7.976936	8.467276
ENSMUSG Pggghg	6.816237	6.783241	6.405199	5.804999	5.223174	5.238365
ENSMUSG Olfr285	0	0	0	0	0	0
ENSMUSG Mlkl	3.326346	2.665855	4.306071	3.747934	3.133282	3.703931
ENSMUSG Cyp4a32	1.202058	1.150966	0.953775	0.433448	0.515417	0.450955
ENSMUSG Ptafr	2.299753	2.333774	3.131473	13.91144	12.81984	16.913507
ENSMUSG Pex10	8.8509	7.871555	7.753349	5.68506	6.09869	7.10901
ENSMUSG Morn1	3.005575	3.614726	2.566477	3.656088	3.642534	3.131903
ENSMUSG Rer1	42.78416	44.35664	40.68152	39.1099	40.38067	39.718056
Mus_musc Mus_musc	0.137088	0.151893	0.190985	0.584314	0.450705	0.311276
Mus_musc Mus_musc	0.168802	0.165649	0.243553	0.191334	0.522647	0.601665
Mus_musc Mus_musc	0	0	0	0.174016	0	0
Mus_musc Mus_musc	0.615316	0.276623	0.347146	0.563042	0.38518	0.307893
Mus_musc Mus_musc	0	0	0.184967	0.128607	0	0
Mus_musc Mus_musc	0	0	0.298602	0	0	0.101787
ENSMUSG Gm49388	0	0	0	0	0	0
ENSMUSG Khdrbs1	23.9041	19.46853	18.34669	17.72505	17.57389	18.220796
ENSMUSG Ak2	16.32636	15.67593	17.80767	24.89059	26.75667	27.690698
ENSMUSG Rnf19b	21.26039	20.15718	29.63113	32.05358	31.521	32.685367
ENSMUSG A3galt2	0.228799	0.198053	0.206112	0.127047	0.151722	0.101982
ENSMUSG Ccdc28b	11.07982	10.7417	10.7884	10.91505	8.969862	10.647965
ENSMUSG Phc2	52.50202	49.44006	52.11963	41.16063	35.84461	40.843844
ENSMUSG Tmem234	62.71879	58.49199	60.22018	61.54116	55.66835	56.248517
ENSMUSG Eif3i	54.21466	56.65018	60.12035	55.51525	57.83633	61.884496
ENSMUSG Zfp362	15.97954	14.38263	14.23985	13.32288	14.27229	13.952763
ENSMUSG Gpt	13.40835	14.7605	13.4768	15.17344	12.55593	15.568317
ENSMUSG Ercc4	5.837693	5.43708	5.510194	4.483205	4.740694	5.834369
ENSMUSG Eef2kmt	6.656918	9.574812	7.505429	8.750558	8.3789	9.56435
ENSMUSG 12-Sep	0	0.03055	0	0	0	0
ENSMUSG Rogdi	16.20138	13.69078	16.00188	18.53066	17.48734	19.652796

ENSMUSG Apod	4.700255	3.293002	3.730177	2.850776	3.12131	2.534053
ENSMUSG Frmpd1	0.224518	0.242083	0.153174	0.201342	0.177573	0.267546
ENSMUSG Togaram1	10.32403	11.01708	8.836096	8.941962	8.497926	9.261522
ENSMUSG Primpol	2.852866	1.903305	2.277728	2.807639	2.491991	3.153796
ENSMUSG Serpinf2	0.109199	0.062512	0.124467	0.168619	0.035601	0.234602
ENSMUSG Hoxa9	0	0.013106	0	0	0.017824	0.026149
ENSMUSG Dntt	0.023681	0	0	0	0.050007	0.025966
ENSMUSG Tm9sf3	51.81759	52.10778	48.96301	49.61604	50.33155	49.13047
ENSMUSG Pik3ap1	20.11002	19.98202	20.52079	16.33559	16.89469	16.399231
ENSMUSG Ccnj	5.477971	6.151056	5.932435	5.27405	5.629918	5.973844
ENSMUSG Tll2	0	0	0	0.017665	0	0
ENSMUSG Lcor	3.527772	4.437613	2.66713	3.079788	3.87968	3.238283
Mus_musc Mus_musc	0.415246	0.444595	0.39261	0.340957	0.436604	0.214962
Mus_musc Mus_musc	0.694709	0.698858	0.430775	0.420686	0.492533	0.505779
Mus_musc Mus_musc	0.143988	0.139017	0	0	0	0.331867
Mus_musc Mus_musc	2.00477	1.288087	1.373594	0.779562	0.852594	0.335712
Mus_musc Mus_musc	0.431866	0.35964	0.258854	0.625335	0.339057	0.443235
ENSMUSG Gm17728	0.568807	0.800165	0.676592	0.741858	1.012069	1.443485
ENSMUSG Armcx5	3.16978	2.036638	2.124072	2.133736	2.033197	1.712869
ENSMUSG Bhlhb9	4.513165	5.598383	4.912343	4.466044	4.605945	4.16007
ENSMUSG Gm17174	0	0	0	0	0	0
ENSMUSG Gprasp2	0.814343	0.971092	0.580425	0.489974	0.523137	0.370787
ENSMUSG Gm10447	0	0.012727	0.011716	0.040329	0.024277	0
ENSMUSG Tsg101	29.4517	31.23983	29.44521	26.70385	23.78284	25.657868
Mus_musc Mus_musc	1.499808	1.360232	1.831267	1.741218	1.71387	1.504528
ENSMUSG 4933402J0	0	0	0.054671	0	0	0
ENSMUSG Olfr1192-f	0	0	0	0	0	0
ENSMUSG Gsta4	58.22258	63.70966	42.79661	49.54892	42.59911	44.475513
ENSMUSG Elovl5	105.74	102.4972	99.24493	75.8551	74.73638	72.338644
ENSMUSG Cgas	1.007108	0.831708	1.027004	1.001515	1.132096	1.352397
ENSMUSG Ooep	0.100436	0.061709	0	0.066986	0.076668	0.082358
ENSMUSG Lrrc15	0.042493	0.008718	0.009544	0.024579	0.078861	0.01821
ENSMUSG Neo1	11.93788	11.79888	11.02404	9.748271	9.259326	9.756107
ENSMUSG Slc39a1	38.02741	37.33765	37.73508	42.33632	41.98994	43.740337
ENSMUSG Mto1	5.173709	5.624377	5.459434	5.104872	5.914056	5.136178
ENSMUSG Impg1	0.076927	0.009196	0	0.03863	0	0
ENSMUSG Bank1	1.824494	1.812486	1.016936	3.885219	3.241243	3.420516
ENSMUSG Ddx60	1.521437	1.31471	1.830653	1.50548	1.133543	1.176419
ENSMUSG Ssh2	20.54453	21.83122	18.34461	15.55586	16.98857	14.730255
ENSMUSG Olfr16	0	0	0	0	0	0
ENSMUSG Mapt	38.68567	39.15592	45.64091	23.94461	23.78145	22.857293
ENSMUSG Kansl1	15.78836	16.88007	15.48309	13.86558	13.81069	14.141872
ENSMUSG Gid4	21.357	21.64638	19.00047	14.03877	14.30121	12.342902
ENSMUSG Myo1b	79.52632	73.92599	72.66362	45.24156	44.22374	42.841309
ENSMUSG Zfp946	3.257478	3.340228	3.51875	3.365296	3.11344	3.273619
ENSMUSG Zfp942	3.690539	4.313486	3.885746	3.623751	3.875301	3.185559
ENSMUSG Zfp957	0.057551	0.055082	0.046057	0.05731	0.015201	0
ENSMUSG Mro	0	0	0	0	0	0
ENSMUSG Aph1c	2.054036	2.072602	1.848354	3.172268	3.201827	3.345038
ENSMUSG Brsk2	0.067485	0.034916	0	0	0.078779	0.010162
ENSMUSG Cd8b1	2.805637	2.109344	2.309349	3.638547	2.635366	4.349122
ENSMUSG Gm20815	0	0	0	0	0	0
ENSMUSG Asrgl1	4.575618	4.286476	4.144332	4.176263	3.928957	4.358531
ENSMUSG Acap2	40.8146	37.3056	34.85899	22.77639	26.1231	24.975016
ENSMUSG G6pc2	0	0	0	0	0.075045	0
ENSMUSG Slc22a6	0	0	0	0	0	0
ENSMUSG Scgb1a1	25885.9	31183.19	21255.46	22020.65	21290.08	21854.516
ENSMUSG Olfr985	0	0	0	0	0	0
ENSMUSG Anxa1	135.196	118.3549	128.8006	168.9877	171.6107	186.02556
ENSMUSG Pwp2	3.976923	3.803174	4.273172	3.042608	3.271439	3.464742
ENSMUSG Frmd4a	24.44914	21.65081	18.13	14.18462	17.53928	16.611801
ENSMUSG Fcgr2b	5.359677	6.618861	7.446105	37.2522	40.89468	42.100907
ENSMUSG Fam107b	20.61883	18.4878	19.72994	26.67699	23.91558	27.526871
ENSMUSG Trpc1	3.230817	3.135918	3.433351	1.665633	2.077261	1.873238

ENSMUSG Meig1	3.552077	3.990319	2.550796	3.962911	5.482116	3.82773
ENSMUSG Ube3a	12.45271	11.87177	9.912921	10.48447	10.59122	10.360758
ENSMUSG Grin2a	0.024284	0.025908	0.020779	0.010048	0.007667	0.013216
ENSMUSG Atp10a	4.150921	5.076842	4.032558	3.457367	3.36109	4.020763
ENSMUSG Slc18a1	0.224491	0.365141	0.354522	0.680032	0.44908	0.643114
ENSMUSG Kidins220	29.14205	22.91249	19.06761	18.11239	18.84725	18.085865
ENSMUSG Atg9a	13.97137	14.12098	13.93488	11.32324	12.39448	11.271717
ENSMUSG Hsd17b3	0	0	0	0	0	0
ENSMUSG Tmem260	5.326367	5.079214	4.641287	4.677742	4.729415	4.671332
ENSMUSG Gga1	24.20441	21.08999	21.6906	19.90271	19.12614	19.786362
ENSMUSG Adcy9	9.866064	8.959151	8.197326	6.872522	7.705157	8.248948
ENSMUSG Itgb8	0.179237	0.181561	0.15235	0.443024	0.360432	0.421724
ENSMUSG Siglece	2.584803	2.453176	3.987222	2.530128	2.614728	2.139609
ENSMUSG Csrp3	0.882268	11.20927	1.28561	4.729787	2.980549	2.180517
ENSMUSG Zdhhc13	5.886086	5.151432	5.060584	6.178657	5.350866	6.657492
ENSMUSG Ceacam18	0.028157	0.047007	0	0.041605	0.038097	0.023935
ENSMUSG Kifc2	2.78143	2.670978	3.278724	2.775129	2.117419	2.776288
ENSMUSG Gm13040	0	0	0	0	0	0
ENSMUSG Gm13089	0	0	0	0	0	0
ENSMUSG Ptptra	19.65216	20.62507	20.08089	19.84907	20.39643	21.035538
ENSMUSG Ubox5	1.897227	1.801525	2.097038	1.730981	1.892876	1.836867
ENSMUSG Oxt	0.109598	0	0	0	0	0
ENSMUSG BC080695	0	0	0	0	0	0
ENSMUSG Gm13119	0	0	0	0	0	0
ENSMUSG Rtf1	14.19373	12.24268	12.86002	11.82253	12.11361	10.76141
ENSMUSG Ndufaf1	5.31942	7.084617	7.132403	6.459255	5.622349	6.030159
ENSMUSG Atg13	19.62009	18.63063	18.32804	16.90951	18.94736	16.185974
ENSMUSG Kik1b8	0.065012	0	0	0	0.146159	0.038381
ENSMUSG Cldn34b1	0	0	0	0	0	0
ENSMUSG S100g	21.66906	24.61635	21.99848	42.08442	30.25311	43.14333
ENSMUSG Chil3	130.2169	138.5444	172.1679	5720.139	6415.207	6039.9794
Mus_musc Mus_musc	0.26724	0.628364	0.476676	0.165761	0.14737	0.127218
Mus_musc Mus_musc	1.496517	1.254599	1.041846	0.552517	0.855554	0.703089
ENSMUSG Wdr76	3.771604	3.752378	3.638469	3.601743	3.31057	3.611545
Mus_musc Mus_musc	0	0	0	0.195655	0	0
Mus_musc Mus_musc	0	0.267588	0	0	0	0
ENSMUSG Abi1	42.27931	41.75897	40.40896	38.36082	38.01035	36.348258
ENSMUSG Rex1bd	35.50348	34.32611	44.4851	39.06338	33.84918	43.239988
ENSMUSG Opn1sw	0.023406	0.017693	0.122114	0	0.054303	0
ENSMUSG Gm6502	0	0	0	0	0	0
ENSMUSG Gm8871	0	0	0	0.416666	0	0.470828
ENSMUSG Btbd35f10	0	0	0	0	0	0
ENSMUSG Gm2056	0	0	0	0	0	0
ENSMUSG A030005K	0	0.042354	0.140651	0	0.041335	0.021233
ENSMUSG Tex11	0.773608	0.760957	0.635764	0.120281	0.239368	0.331706
Mus_musc Mus_musc	0	0	0	0	0	0
ENSMUSG Gm3591	0.010037	0.062962	0	0	0	0
Mus_musc Mus_musc	0.178917	0.080895	0.040187	0.489713	0.147309	0.419297
Mus_musc Mus_musc	0.33717	0	0	0.039783	0.254633	0.221138
Mus_musc Mus_musc	0.332055	0	0.085866	0	0	0
ENSMUSG Polq	0.152182	0.161839	0.2107	0.378326	0.227047	0.564161
ENSMUSG Loxl2	3.504325	3.856619	3.87816	3.67769	3.954307	4.147525
ENSMUSG 49305181l	0.380019	0.324154	0.38953	0.660503	0.500184	0.408642
ENSMUSG Tldc2	0.273072	0	0.306412	0	0	0.084743
ENSMUSG Gas2l1	23.51818	21.47393	24.20814	20.99598	22.24084	20.646539
ENSMUSG Gprasp1	7.824293	8.758785	7.669638	6.088143	5.707707	5.927974
ENSMUSG Olfr267	0	0	0	0	0	0
ENSMUSG Mroh8	0.058737	0.09296	0.039789	0.071197	0.08648	0.100342
ENSMUSG Gm826	0.525047	0.172949	0.3702	0.063929	0	0.292665
ENSMUSG Mafb	2.759975	2.372958	3.671787	13.11362	13.25876	16.193054
Mus_musc Mus_musc	0.139787	0	0.05483	0	0	0.357871
Mus_musc Mus_musc	0	0	0	0	0	0.338959
Mus_musc Mus_musc	0.115121	0.508785	0.05999	0.582988	0.607136	0
Mus_musc Mus_musc	0	0.111908	0.034126	0.117903	0	0.390327

Mus_musc Mus_musc	0	0.198789	0	0.055694	0	0.421724
Mus_musc Mus_musc	0	0	0	0.384214	0.414975	0
ENSMUSG a	0	0	0	0.438736	0.521002	0.324279
ENSMUSG Slc25a51	25.46726	28.55193	24.65383	19.49919	20.79192	20.041218
ENSMUSG C2cd2	9.739044	10.00314	8.640269	7.896898	8.28331	7.806962
ENSMUSG Errfi1	84.29598	82.45833	64.68492	29.97776	43.10627	36.420596
ENSMUSG Tnfrsf9	0.274327	0.370307	1.210285	4.926472	6.949263	6.21775
ENSMUSG Park7	74.67534	73.85363	73.90426	63.88283	60.28562	59.323315
ENSMUSG Uts2	0	0.086046	0.041449	0	0	0.073948
ENSMUSG Slc4a2	24.30909	22.58117	23.82978	24.10582	26.71117	26.320336
ENSMUSG Pgd	51.49484	49.20442	48.54877	54.01995	58.81874	63.905357
ENSMUSG Ube4b	12.70935	13.72821	12.06513	13.20248	13.5362	12.763304
ENSMUSG Cdk5	8.499601	8.03019	8.819715	7.902184	7.38346	7.452789
ENSMUSG 8030474K	0.028332	0	0.02546	0	0	0
ENSMUSG Eif2s3x	27.79815	28.57043	29.71994	22.87526	26.00283	30.050691
ENSMUSG Elmod2	5.118986	4.804356	4.322283	4.555521	5.329824	5.340421
ENSMUSG Ap2b1	34.94215	33.60796	32.30084	29.59097	31.79132	31.680812
ENSMUSG Fcmr	8.059439	3.886568	5.991215	8.717121	6.992153	9.532213
ENSMUSG Tfp2e	0	0	0	0	0	0
ENSMUSG Abcb4	0.046927	0.159151	0.125615	0.085451	0.104447	0.117086
ENSMUSG Mitf	3.609144	4.399949	3.667319	6.727459	6.547198	7.902758
ENSMUSG Tbc1d8b	6.608194	7.278481	5.33665	6.2802	5.969611	6.394109
ENSMUSG Zfp410	11.34161	12.67764	12.34299	9.975765	10.50547	10.479337
ENSMUSG Defb43	0	0	0	0	0	0
ENSMUSG Defb47	0	0	0	0	0	0
ENSMUSG Krt26	0	0	0	0	0	0
ENSMUSG Defb30	0	0	0	0	0.108731	0
ENSMUSG Defb48	0	0	0	0	0	0
ENSMUSG Baz1b	26.99566	30.20741	27.87601	25.05157	26.63593	24.32884
ENSMUSG Ykt6	30.10937	28.28979	31.8908	26.35489	28.37276	28.578306
ENSMUSG Gm3486	0	0	0	0	0	0
Mus_musc Mus_musc	0.083591	0.434148	0.542208	0.614714	0.248782	0.410881
ENSMUSG Hbb-bh2	0	0	0	0	0	0
ENSMUSG Gm10964	0.15826	0	0	0	0.418502	0
ENSMUSG Ccdc47	35.85928	38.00629	36.21881	29.30364	29.67676	28.298546
ENSMUSG Gm12789	0	0	0	0	0	0
ENSMUSG Olfr613	0	0	0	0	0	0
ENSMUSG 10-Mar	0.021103	0.077054	0.092876	0.197443	0.036258	0.055436
ENSMUSG Gm12790	0	0	0	0	0	0
ENSMUSG Syt5	4.690182	6.238765	3.397383	3.256553	2.510232	2.522502
ENSMUSG Kik1b24	0	0.047111	0	0	0	0
ENSMUSG 9930104L	6.094371	5.364281	6.469209	4.685536	4.114913	4.19945
ENSMUSG Serpinb1a	9.836358	9.411786	10.89601	11.53432	10.56253	11.50223
ENSMUSG Kik14	0.418226	0.760622	0.438224	0.540942	0.569184	0.917743
ENSMUSG Agpat3	23.53853	24.80599	23.2226	22.33982	23.60743	21.807848
ENSMUSG Zfp456	0.707898	0.694938	0.684011	1.083061	0.879314	0.737177
ENSMUSG Zfp429	4.059798	3.574019	3.484672	4.724733	4.459089	3.98605
ENSMUSG Bpifa6	0	0	0	0	0	0
Mus_musc Mus_musc	0.447607	0.02887	0.101168	0.44745	0.27873	0.164458
Mus_musc Mus_musc	0.447804	0	0.213239	0.276379	0.433105	0.230222
Mus_musc Mus_musc	1.719751	2.453695	2.55272	3.006782	2.554187	2.257377
Mus_musc Mus_musc	1.074703	1.695282	1.919024	1.958443	1.209729	1.491872
Mus_musc Mus_musc	0	0	0	0.277187	0	0
ENSMUSG 11-Sep	19.8331	20.80048	21.74338	22.43531	23.92424	23.8541
ENSMUSG Olfr502	0	0	0	0	0	0
ENSMUSG Serpinb3d	0	0	0	0	0	0
ENSMUSG Ces5a	0	0	0	0	0	0
ENSMUSG Siah2	5.015295	5.068546	5.160996	3.528903	4.157715	4.512013
ENSMUSG Dnmt3c	0.091394	0.094404	0.315378	0.19159	0	0
ENSMUSG Npy1r	3.234856	2.722071	2.749944	2.615017	2.286489	3.275311
ENSMUSG Syce1l	0.073666	0.037004	0	0	0	0
ENSMUSG Fam169a	0.031427	0.033157	0.028344	0.070023	0.055178	0.025848
ENSMUSG Poldip3	21.80722	22.60878	19.78124	20.52052	19.37923	20.247066
ENSMUSG Dynap	0	0	0	0	0	0.090067

ENSMUSG Mbd2	61.00787	59.49264	63.1913	47.12895	47.49541	42.753525
ENSMUSG 9330161LC	0.191984	0.205746	0.335167	0.171752	0.148195	0.042221
ENSMUSG Rab27b	4.842749	4.76424	5.148574	7.549337	8.207177	6.66751
ENSMUSG Sec11c	23.64453	23.30126	26.25798	79.0342	85.33481	82.111082
ENSMUSG Grp	4.858315	3.55072	3.191282	1.301598	2.342612	1.121323
ENSMUSG Smad4	29.49582	29.21469	24.32433	23.74547	24.18741	23.319709
ENSMUSG Rax	0	0	0.088466	0.045459	0	0
ENSMUSG Cplx4	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.169923
Mus_musc Mus_musc	3.034145	2.933278	3.085226	2.560323	2.286533	2.487894
Mus_musc Mus_musc	1.351035	0.552165	0.830369	0.236611	0.500786	0.214834
Mus_musc Mus_musc	0.14705	0.292132	0	0	0	0
Mus_musc Mus_musc	1.843545	1.537499	1.400692	1.239881	1.342353	0.622046
Mus_musc Mus_musc	7.7623	7.077325	7.99256	9.717774	8.141919	7.426045
Mus_musc Mus_musc	0	0	0	0.072987	0	0.016165
Mus_musc Mus_musc	0	0.811364	0	8.00E-05	0	0
Mus_musc Mus_musc	0.360205	0.122454	0.194752	0.472596	0	0.296289
Mus_musc Mus_musc	0	0.08674	0.041721	0	0.079486	0.28857
ENSMUSG Lgi1	0	0.023781	0	0.012414	0.005903	0.005445
ENSMUSG Taar2	0	0	0	0.077625	0	0.054172
ENSMUSG Olfr767	0	0	0	0	0	0
ENSMUSG Olfr682-ps	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0.146878
ENSMUSG Olfr1356	0	0	0	0	0	0
ENSMUSG Olfr1038-p	0	0	0	0	0	0
ENSMUSG Mmp13	0.577882	0.214809	0.680232	8.891359	4.920143	6.785985
Mus_musc Mus_musc	0.473255	0	0.158663	0	0.286346	0
Mus_musc Mus_musc	3.378727	3.929718	4.672707	1.988026	1.449882	0.869962
Mus_musc Mus_musc	0.578354	0	0	0	0	0
Mus_musc Mus_musc	3.821839	4.540421	4.806927	3.382971	2.338575	2.29208
Mus_musc Mus_musc	0.182969	0	0	0	0.107348	0
Mus_musc Mus_musc	0	0	0	0	0.186692	0.430809
Mus_musc Mus_musc	0.723329	1.045417	0.970054	0.335813	0.288853	0.458459
ENSMUSG Tceanc	1.272937	1.269641	1.061864	1.322639	1.450382	1.034517
ENSMUSG Fam83a	0.232032	0.157986	0.147614	0.21994	0.118861	0.102677
ENSMUSG Ercc6l	0.315242	0.288508	0.390447	0.481252	0.490499	0.879696
ENSMUSG Bzw1	54.57952	52.6668	51.51243	49.01196	50.44453	48.2841
ENSMUSG Nyx	0.264942	0.239011	0.190546	0.157128	0.128088	0.147406
ENSMUSG Bcdin3d	2.166193	2.002997	2.512594	2.034189	1.734512	2.052771
ENSMUSG Zbtb44	5.614884	5.549776	4.995957	4.317789	4.604991	3.959399
ENSMUSG Flrt2	2.851047	3.968812	1.534559	2.535189	2.215628	2.898016
ENSMUSG Gpr68	0.805692	1.180518	1.404421	2.893407	2.673269	3.605217
ENSMUSG Rexo1	10.87047	10.34947	11.26054	9.609837	9.523553	10.122839
ENSMUSG Cmya5	0.503242	1.381674	0.405019	0.65886	0.643356	0.415196
ENSMUSG Gm3415	0	0	0	0	0	0
Mus_musc Mus_musc	0	0	0	0	0	0
Mus_musc Mus_musc	0.596852	0.536879	0.631985	0.501397	0.416767	0.464884
Mus_musc Mus_musc	0.441295	1.114932	0.711499	0.89275	0.984119	0.346919
Mus_musc Mus_musc	0.240782	0.087279	0.126893	0.277166	0.363247	0
ENSMUSG Olfr437	0	0	0	0	0	0
ENSMUSG Gm28053	1.74172	1.312505	0.963491	1.238786	0.748786	0.945394
ENSMUSG Anks6	1.499675	1.470308	0.893294	0.835552	1.097597	1.022348
ENSMUSG Spag8	2.200614	2.128127	1.48444	3.904301	3.009705	3.208072
ENSMUSG Gpr139	0	0	0	0	0	0
ENSMUSG Nat8f1	2.075012	2.0779	2.488781	2.974348	2.56002	3.030336
ENSMUSG Zfp180	12.97622	14.43626	15.04239	11.70797	11.67054	9.958458
ENSMUSG Fam184b	0.07515	0.055043	0.052842	0.030728	0.013222	0.025002
ENSMUSG Gm44503	0	0	0	0	0	0
Mus_musc Mus_musc	0.877445	0.383817	0.493198	0.210094	0.046699	0.251739
ENSMUSG Bmf	12.17061	10.9939	9.819114	13.11956	13.55351	12.190864
ENSMUSG 4933405L1	0	0	0.054967	0	0	0
ENSMUSG Adarb2	0	0	0.018926	0.003388	0.036213	0.009203
ENSMUSG Gan	3.044842	3.22941	2.794815	2.764541	3.03816	3.054119
ENSMUSG Defb34	0	0	0	0	0	0

ENSMUSG Gfod2	6.300495	6.12401	6.247249	5.36997	6.297856	6.886268
ENSMUSG Enkd1	2.619142	2.240785	2.517962	3.379914	2.822152	3.362598
Mus_musc Mus_musc	0	0	0.05581	0.545168	0.570935	0.756546
ENSMUSG Prkcb	3.065262	1.972263	3.721332	7.053873	5.541369	6.213709
ENSMUSG Fam76b	11.2677	11.99198	11.27725	8.965884	8.369284	9.566334
ENSMUSG Iqch	0.161813	0.135987	0.069884	0.352589	0.340102	0.263188
ENSMUSG Tmem62	5.404068	6.000933	5.514706	6.265111	6.066978	6.729676
ENSMUSG Rpl10a	295.023	292.9465	310.8966	360.2278	346.0233	393.35043
ENSMUSG Ikbzf3	4.579835	2.387405	5.093453	13.33728	10.23213	12.640566
ENSMUSG Mfng	34.13493	30.33811	34.04471	21.69697	22.56059	19.227646
ENSMUSG BC048403	3.194528	3.406161	2.472132	2.891588	2.870484	2.542049
ENSMUSG Dpep2	7.156729	6.998365	6.913266	8.88732	9.041727	10.127789
ENSMUSG Med1	6.337265	6.871974	6.089041	6.73905	6.890306	6.597621
ENSMUSG Nuggc	0.03973	0	0	0.873758	0.754217	0.878256
ENSMUSG Erbb3	14.97632	16.47547	11.50454	13.78564	14.77751	12.400277
ENSMUSG Stard3	26.00782	25.88335	30.21222	25.18079	25.27774	27.306444
ENSMUSG Ap3m1	17.8965	17.26055	18.89801	14.7477	15.79071	15.169511
ENSMUSG Fam205a3	0.004246	0.004708	0	0.008351	0.00942	0.002752
ENSMUSG Camk2g	13.96806	13.49902	13.54571	13.34783	12.88776	13.038105
ENSMUSG Vcl	65.51628	56.84838	63.00839	38.94875	40.58078	42.031653
ENSMUSG Gm20736	0	0	0	0	0	0
ENSMUSG St3gal1	34.63875	34.96466	33.27687	28.25514	29.01129	30.885991
ENSMUSG Ccdc110	0	0	0.070984	0.019787	0	0
ENSMUSG 1700029J0	2.192975	2.075292	1.529222	2.295673	3.594632	2.756942
ENSMUSG Apobec4	0.183469	0.197863	0.14941	0.38548	0.381018	0.288629
ENSMUSG Timd4	0.572574	1.25521	0.331731	0.328573	0.50333	0.845663
ENSMUSG Chd5	0.653998	0.581994	0.667314	0.281974	0.36135	0.38512
ENSMUSG 2310039H1	5.753219	7.25699	7.370253	7.924129	7.146739	6.555531
ENSMUSG Gm20937	0	0	0	0	0	0
ENSMUSG Peg3	1.893172	2.008038	1.759359	1.423974	1.867164	1.966093
ENSMUSG Zim1	0.028768	0.062261	0.05031	0.116606	0.08734	0.080709
ENSMUSG Kdm4a	15.01787	15.04771	15.43313	14.89085	14.9381	13.827401
ENSMUSG Hist4h4	0	0	0.008851	0.017626	0	0.019236
ENSMUSG Ifna15	0	0	0	0	0	0
ENSMUSG Gm8439	0	0.13447	0	0	0.09868	0.126299
ENSMUSG Gm4181	0	0	0	0	0	0
ENSMUSG Pou5f2	0	0.032323	0.018179	0.112349	0.040178	0
ENSMUSG Gm29427	0	0.09526	0.217408	0.042328	0.016596	0.041666
ENSMUSG Gm36864	0	0.053248	0	0	0	0
ENSMUSG Olfr503	0	0	0	0	0	0
ENSMUSG Krtap2-4	0	0	0	0	0	0
ENSMUSG Cdc40	11.57928	12.04813	11.55696	9.607672	9.923809	9.684762
ENSMUSG Maz	33.66952	37.14858	39.70213	36.89071	37.68563	37.211219
ENSMUSG Mylpf	2.061135	1.218436	1.350988	2.007215	1.287494	1.657049
ENSMUSG Cyp2r1	0.240114	0.097394	0.15506	0.269928	0.300009	0.163884
ENSMUSG Pde3b	3.021376	2.698628	2.846701	4.700859	4.656487	4.555114
ENSMUSG Kif22	0.771244	0.927187	1.382142	2.488925	2.802033	3.51944
ENSMUSG Qprt	0.139336	0.042567	0.284719	0.391154	0.176493	0.537285
ENSMUSG Larp4b	20.17034	21.24819	17.58398	18.36428	18.59847	19.291834
ENSMUSG Strc	0	0	0	0	0	0
ENSMUSG Prss35	0.062077	0.239977	0.04091	0.372538	0.519909	0.427629
Mus_musc Mus_musc	0.188031	0	0	0	0	0
ENSMUSG Bin3	12.53121	11.50121	11.98026	13.55981	12.84469	15.993011
ENSMUSG Gm7929	0	0	0	0	0	0
ENSMUSG Cryba4	0	0	0.125448	0.615518	0.220888	0.786865
ENSMUSG Bub3	28.52851	26.6869	26.43384	24.65595	24.73654	27.144328
ENSMUSG Spon2	0.527683	0.602221	0.404042	2.018503	0.805846	2.908015
ENSMUSG Trmt6	4.03872	3.334128	3.852378	4.49353	4.527586	4.305126
ENSMUSG Hhat	0.546013	0.333458	0.454235	0.331789	0.586595	0.661552
ENSMUSG Ctbp1	62.263	62.87648	65.44408	60.86085	61.9336	63.081245
ENSMUSG Enpp1	0.853494	1.13508	1.342493	3.471203	3.829515	4.096191
ENSMUSG Itgb1bp1	14.16622	13.31028	19.80384	15.93224	14.75169	16.353963
ENSMUSG Cfap99	0.625317	0.799675	0.414264	0.976937	0.74246	0.721911
Mus_musc Mus_musc	0	0.154309	0	0	0.115633	0

ENSMUSG Gm19345	0.15482	0	0	0.330984	0.134008	0
ENSMUSG A930009A	0	0	0	0	0	0
ENSMUSG Slc22a13b	0.226205	0.359632	0.138984	0.301007	0.113129	0.088514
ENSMUSG Ldha	142.6029	154.7746	155.9853	163.7946	173.264	189.02509
ENSMUSG Adssl1	8.45053	9.392335	9.478951	11.01988	10.92437	12.014038
ENSMUSG Gm3029	0	0	0	0	0	0
ENSMUSG Gm20843	0	0	0	0	0	0
ENSMUSG Vmn1r104	0	0	0	0	0	0
ENSMUSG Olfr930	0	0	0	0	0	0
ENSMUSG Zfand1	4.923695	5.588682	5.780762	6.818318	6.104283	5.363929
ENSMUSG Olfr917	0	0	0	0	0	0
ENSMUSG ltm2a	11.42825	12.17066	13.46602	10.49869	9.354635	9.398621
ENSMUSG Alg1	21.1557	18.59844	18.32425	17.68206	16.57345	16.192323
ENSMUSG Tmem135	9.484851	9.725717	8.727893	10.52037	10.69056	10.957994
ENSMUSG Gm29866	0	0	0	0	0	0
ENSMUSG Cox7b	26.68253	30.52179	33.42194	43.89692	40.45871	42.655769
ENSMUSG Fgf16	0.126878	0.14915	0.296588	0.147993	0.189189	0.073451
ENSMUSG Pgk2	0	0	0	0	0	0
ENSMUSG Magt1	16.02011	16.80729	18.91935	18.46199	19.41597	17.852223
ENSMUSG Aldh1a7	62.47821	74.56761	48.88047	71.92924	75.7407	82.135391
ENSMUSG Platr25	3.202383	2.874248	2.902515	3.479945	3.296393	3.521522
ENSMUSG Olfr214	0	0	0	0	0	0
ENSMUSG BC025920	0.322094	0.384748	0.208061	0.373338	0.411796	0.619223
ENSMUSG Ggnbp1	3.597607	3.104043	3.3105	2.389573	2.553408	1.920693
ENSMUSG Kih11	5.941027	7.219483	4.357594	5.499652	5.263663	5.647506
ENSMUSG Spata7	2.401707	1.941198	1.633379	1.717561	1.733136	2.120386
ENSMUSG Galc	6.648448	7.075907	6.419838	10.2237	10.69033	11.764944
ENSMUSG Mia2	29.35682	30.74657	30.10802	31.03779	31.53503	31.853015
ENSMUSG Ptpn21	12.68934	12.94582	12.81484	9.22703	9.015538	9.181486
ENSMUSG Atg3	22.61524	21.72308	22.79648	21.87812	21.32636	20.613876
ENSMUSG Cd200	30.35479	34.90761	32.11433	34.2876	35.13227	34.571591
ENSMUSG Cd200r1	4.824267	3.532794	3.956199	11.84925	12.95522	11.513639
ENSMUSG Slc35a5	8.298973	7.457959	7.040994	7.264561	6.533493	6.570773
ENSMUSG Ccdc80	5.947867	8.665515	4.01213	10.72014	12.36548	14.533986
ENSMUSG Gtpbp8	5.654103	7.691065	6.463079	6.554732	5.448284	6.493255
ENSMUSG Umad1	6.41925	8.794092	7.958053	8.139247	9.487863	8.448261
ENSMUSG Vax2	0	0	0	0.042044	0	0
ENSMUSG Zc3h12a	5.190077	3.980843	5.957283	6.917253	5.6828	6.210118
ENSMUSG Dsg1c	0	0	0	0	0	0
ENSMUSG BC030867	0.020093	0.09258	0.047143	0.375771	0.706602	0.554687
ENSMUSG Tle2	7.266471	7.392173	9.420145	7.194005	6.025727	7.440605
ENSMUSG Lrfn3	1.306056	1.475295	1.414889	1.626924	1.472062	0.879065
Mus_musc Mus_musc	0.883601	0.829111	1.103364	1.149458	0.848867	1.194333
ENSMUSG Actb	978.5996	792.4705	933.8165	779.9548	821.8492	920.13784
ENSMUSG Fscn1	7.18751	5.183465	5.970816	12.03623	12.12844	14.186816
ENSMUSG Spdye4b	0	0	0	0	0	0
ENSMUSG Zfp12	7.886789	7.360934	7.48728	6.077201	5.732432	6.206362
ENSMUSG C130079G	0	0	0	0	0	0
ENSMUSG Dcst1	0.116737	0.129209	0.083748	0.092804	0.046952	0.062601
ENSMUSG Rgs8	0	0	0	0	0	0
ENSMUSG Immp1l	12.20777	14.9146	9.389279	10.40871	12.69009	9.31345
ENSMUSG Kif1bp	18.83209	18.27879	17.65978	14.48784	15.39583	14.800649
ENSMUSG Ypel3	54.77185	41.45511	44.03879	48.1116	56.12974	54.935214
ENSMUSG Bcorl1	4.4362	4.344169	3.925841	3.133173	3.583969	3.448924
ENSMUSG Cst11	0	0	0	0	0	0
ENSMUSG Myo15	0.05679	0.053639	0.053183	0.131196	0.095289	0.171854

Table S2: Gene set enrichment analysis

ID	Description	setSize	enrichment	NES	Direction	pvalue	p.adjust	qvalues	rank	leading_ec	core_enrichment
mmu05310	Asthma	18	0.79	1.79	GSH	0.00051	0.008206	0.006246	1902	tags=78%	list=13% signal=68 Prg2/Ccl11/H2-Eb2/Il4/H2-Ob/
mmu04672	Intestinal immune netw	37	0.78	2.02	GSH	8.83E-07	4.10E-05	3.12E-05	1674	tags=62%	list=11% signal=55 Pigr/H2-Eb2/Tnfrsf17/Aicda/Tnt
mmu04061	Viral protein interaction	79	0.7	1.99	GSH	1.18E-07	1.50E-05	1.14E-05	1963	tags=52%	list=13% signal=45 Ccl8/Cxcl3/Ccl24/Ccl11/Ccl9/Cc
mmu04360	Axon guidance	170	0.45	1.93	GSL	1.38E-07	1.50E-05	1.14E-05	3130	tags=45%	list=21% signal=36 Cxcl12/Ptpn11/Lrig2/Ssh2/Arhg
mmu05340	Primary immunodeficien	32	0.77	1.91	GSH	2.17E-05	0.000619	0.000471	2512	tags=66%	list=17% signal=55 Aicda/Blnk/Il7r/Tnfrsf13b/Cd79c
mmu04060	Cytokine-cytokine recej	217	0.61	1.91	GSH	1.79E-10	5.80E-08	4.42E-08	1553	tags=37%	list=10% signal=34 Ccl8/Cxcl3/Ccl24/Il5ra/Ccl11/Cc
mmu04142	Lysosome	122	0.63	1.89	GSH	2.61E-07	2.12E-05	1.61E-05	2978	tags=45%	list=20% signal=36 Ctsk/Acp5/Ctss/Psapl1/Psap/Cts
mmu04145	Phagosome	154	0.6	1.82	GSH	3.37E-07	2.19E-05	1.67E-05	2591	tags=38%	list=17% signal=32 H2-M2/Thbs4/Cd209d/H2-Eb2
mmu04064	NF-kappa B signaling p	101	0.62	1.79	GSH	2.29E-05	0.000619	0.000471	2241	tags=39%	list=15% signal=33 Cxcl3/Blnk/Tnfsf11/Tnfrsf13c/Bc
mmu05150	Staphylococcus aureus	48	0.67	1.79	GSH	0.00032	0.005861	0.004461	2590	tags=62%	list=17% signal=52 H2-Eb2/C3ar1/Fcgr2b/C1qb/Pt
mmu04062	Chemokine signaling pa	175	0.58	1.79	GSH	6.45E-07	3.49E-05	2.66E-05	1439	tags=26%	list=10% signal=24 Ccl8/Cxcl3/Ccl24/Ccl11/Ccl9/Cc
mmu05323	Rheumatoid arthritis	78	0.63	1.79	GSH	7.58E-05	0.00176	0.00134	1731	tags=41%	list=11% signal=37 Cxcl3/Ctsk/H2-Eb2/Cxcl5/Acp5/
mmu05143	African trypanosomiasis	30	0.56	1.77	GSL	0.00565	0.041871	0.03187	857	tags=37%	list=6% signal=35 Ido1/Prkcg/Plcb1/F2r1/Fasl/Hb
mmu05152	Tuberculosis	154	0.58	1.75	GSH	3.38E-06	0.000122	9.29E-05	1794	tags=29%	list=12% signal=25 Cd209d/H2-Eb2/Fcgr2b/Itgax/C
mmu04390	Hippo signaling pathwa	148	0.41	1.75	GSL	3.11E-05	0.000778	0.000592	2992	tags=40%	list=20% signal=32 Wnt2/Bmpr1a/Smad1/Sav1/Ywl
mmu04310	Wnt signaling pathway	150	0.4	1.74	GSL	1.92E-05	0.000619	0.000471	3070	tags=39%	list=20% signal=31 Tle4/Wnt2/Prkacb/Ppp3ca/Skp1
mmu00770	Pantothenate and CoA	20	0.75	1.73	GSH	0.00136	0.015794	0.012021	1187	tags=35%	list=8% signal=32 Bcat1/Upb1/Vnn3/Enpp1/Vnn1/
mmu01230	Biosynthesis of amino a	65	0.61	1.7	GSH	0.00071	0.01052	0.008007	2380	tags=38%	list=16% signal=33 Arg1/Bcat1/Pycr1/Pklr/Aldh18a:
mmu04662	B cell receptor signaling	79	0.6	1.7	GSH	0.00039	0.006607	0.005029	2333	tags=40%	list=15% signal=34 Blnk/Fcgr2b/Lilrb4a/Cd79a/Cd7
mmu04110	Cell cycle	120	0.57	1.7	GSH	0.00018	0.003878	0.002952	1559	tags=21%	list=10% signal=19 Ccna1/Ccnb1/Cdk1/Ttk/Ccna2/
mmu04657	IL-17 signaling pathway	80	0.59	1.69	GSH	0.00064	0.00986	0.007505	1462	tags=24%	list=10% signal=22 Muc5ac/Cxcl3/Ccl11/Muc5b/Mr
mmu04610	Complement and coagu	69	0.6	1.69	GSH	0.00079	0.010729	0.008166	2609	tags=49%	list=17% signal=41 C3ar1/Serpib2/F10/Itgax/C1qb
mmu04015	Rap1 signaling pathway	192	0.38	1.69	GSL	3.23E-06	0.000122	9.29E-05	2442	tags=38%	list=16% signal=32 Pik3r1/Plcb4/Fgf16/Rras/Adcy2/
mmu04612	Antigen processing and	70	0.59	1.66	GSH	0.00094	0.011775	0.008963	1870	tags=29%	list=12% signal=25 H2-M2/H2-Eb2/Ctss/Ctsb/Lgmi
mmu00520	Amino sugar and nucle	48	0.61	1.65	GSH	0.00323	0.029171	0.022203	3970	tags=62%	list=26% signal=46 Chia1/Hk3/Npl/Gck/Cmah/Hexk
mmu03440	Homologous recombina	40	0.63	1.65	GSH	0.0038	0.032052	0.024396	1429	tags=20%	list=9% signal=18 Eme1/Brca1/Rad51/Rad54l/Rad
mmu00982	Drug metabolism - cytc	42	0.48	1.65	GSL	0.00385	0.032052	0.024396	1702	tags=40%	list=11% signal=36 Maob/Ugt1a1/Gstm2/Cyp2e1/F
mmu05322	Systemic lupus erythem	90	0.57	1.64	GSH	0.00082	0.010729	0.008166	3194	tags=49%	list=21% signal=39 H2-Eb2/C1qb/C1qc/C1qa/Cd8C
mmu04514	Cell adhesion molecule	141	0.54	1.64	GSH	0.0002	0.004163	0.003168	2241	tags=33%	list=15% signal=28 H2-M2/Pdcd1lg2/H2-Eb2/Pdcc
mmu05416	Viral myocarditis	71	0.58	1.63	GSH	0.00162	0.017524	0.013338	2279	tags=31%	list=15% signal=26 H2-M2/H2-Eb2/Cd80/Itgb2/H2
mmu04640	Hematopoietic cell line	86	0.57	1.63	GSH	0.00144	0.016142	0.012286	1911	tags=42%	list=13% signal=37 Il5ra/H2-Eb2/Il7r/Il9r/Fcer2a/An
mmu03460	Fanconi anemia pathwa	50	0.59	1.61	GSH	0.00679	0.04902	0.037311	1365	tags=22%	list=9% signal=20 Eme1/Brca1/Rad51/Rmi2/Fanci/
mmu05140	Leishmaniasis	68	0.57	1.6	GSH	0.00272	0.026033	0.019814	2837	tags=46%	list=19% signal=37 H2-Eb2/Nos2/C3/Fcgr3/Ncf1/Il
mmu03010	Ribosome	128	0.53	1.57	GSH	0.001	0.012093	0.009204	5750	tags=79%	list=38% signal=49 Rpl36al/Rps27rt/Rpl41/Rplp0/Rl
mmu01200	Carbon metabolism	104	0.54	1.56	GSH	0.00177	0.017942	0.013656	2879	tags=36%	list=19% signal=29 Fbp1/Hk3/Pklr/Gck/Got1l1/Pcx/
mmu04114	Oocyte meiosis	107	0.53	1.56	GSH	0.00296	0.027441	0.020886	1576	tags=17%	list=10% signal=15 lgf1/Ccnb1/Cdk1/Ccne1/Plk1/Bl
mmu04914	Progesterone-mediatec	83	0.54	1.55	GSH	0.00567	0.041871	0.03187	550	tags=13%	list=4% signal=13 lgf1/Ccna1/Ccnb1/Cdk1/Ccna2/
mmu04380	Osteoclast differentiat	124	0.52	1.54	GSH	0.00241	0.023747	0.018075	2070	tags=33%	list=14% signal=29 Ctsk/Trem2/Blnk/Fcgr2b/Acp5/
mmu05169	Epstein-Barr virus infect	195	0.49	1.51	GSH	0.00083	0.010729	0.008166	3660	tags=35%	list=24% signal=27 H2-M2/H2-Eb2/Ccna1/Blnk/Ccl
mmu04625	C-type lectin receptor s	103	0.51	1.49	GSH	0.00458	0.036903	0.028088	1826	tags=25%	list=12% signal=22 Cd209d/Ccl22/Clec7a/Ccl17/Egl

mmu05203	Viral carcinogenesis	200	0.47	1.46	GSH	0.00173	0.017942	0.013656	1590	tags=13%	list=11%	signal=12	H2-M2/Scin/Ccna1/Ccr3/Ccr5/C
mmu03040	Spliceosome	127	0.35	1.45	GSL	0.00361	0.03168	0.024113	6144	tags=46%	list=41%	signal=28	Snu13/Snrnp27/Cherp/Snrnp70
mmu05224	Breast cancer	128	0.35	1.45	GSL	0.00477	0.036903	0.028088	2885	tags=38%	list=19%	signal=31	Esr1/Egfr/Notch4/Pgr/Ccnd1/Fz
mmu05166	Human T-cell leukemia	220	0.46	1.42	GSH	0.00477	0.036903	0.028088	2607	tags=25%	list=17%	signal=21	H2-M2/H2-Eb2/Ccna1/Ccna2/C
mmu04010	MAPK signaling pathwa	268	0.31	1.37	GSL	0.00022	0.004184	0.003185	2379	tags=29%	list=16%	signal=25	Fgf16/Ras/Akt3/Map3k5/Map3

Additional file 3. Hub genes of Hippo signaling pathway

x
1 Wnt2
2 Bmpr1a
3 Smad1
4 Sav1
5 Ywhab
6 Ccnd3
7 Wwc1
8 Ccnd1
9 Tead2
10 Fzd1
11 Fzd5
12 Ppp2cb
13 Fzd8
14 Bmp5
15 Wwtr1
16 Crb2
17 Pard3
18 Bmp4
19 Patj
20 Csnk1e
21 Wnt4
22 Yap1
23 Rassf1
24 Trp53bp2
25 Snai2
26 Nkd1
27 Ctnna1
28 Prkci
29 Axin2
30 Ajuba
31 Lats2
32 Frmd6
33 Mpp5
34 Wnt9a
35 Fzd4
36 Pard6g
37 Bmpr2
38 Bmp2
39 Pard6b
40 Tead4
41 Tead1
42 Smad7
43 Wnt2b
44 Wnt7a
45 Bmp6
46 Fgf1
47 Wnt3a
48 Apc2
49 Wnt5b
50 Tgfb2
51 Lef1
52 Nkd2
53 Ccn2
54 Serpine1
55 Id1
56 Ppp2r2c
57 Wnt10b
58 Areg
59 Crb1

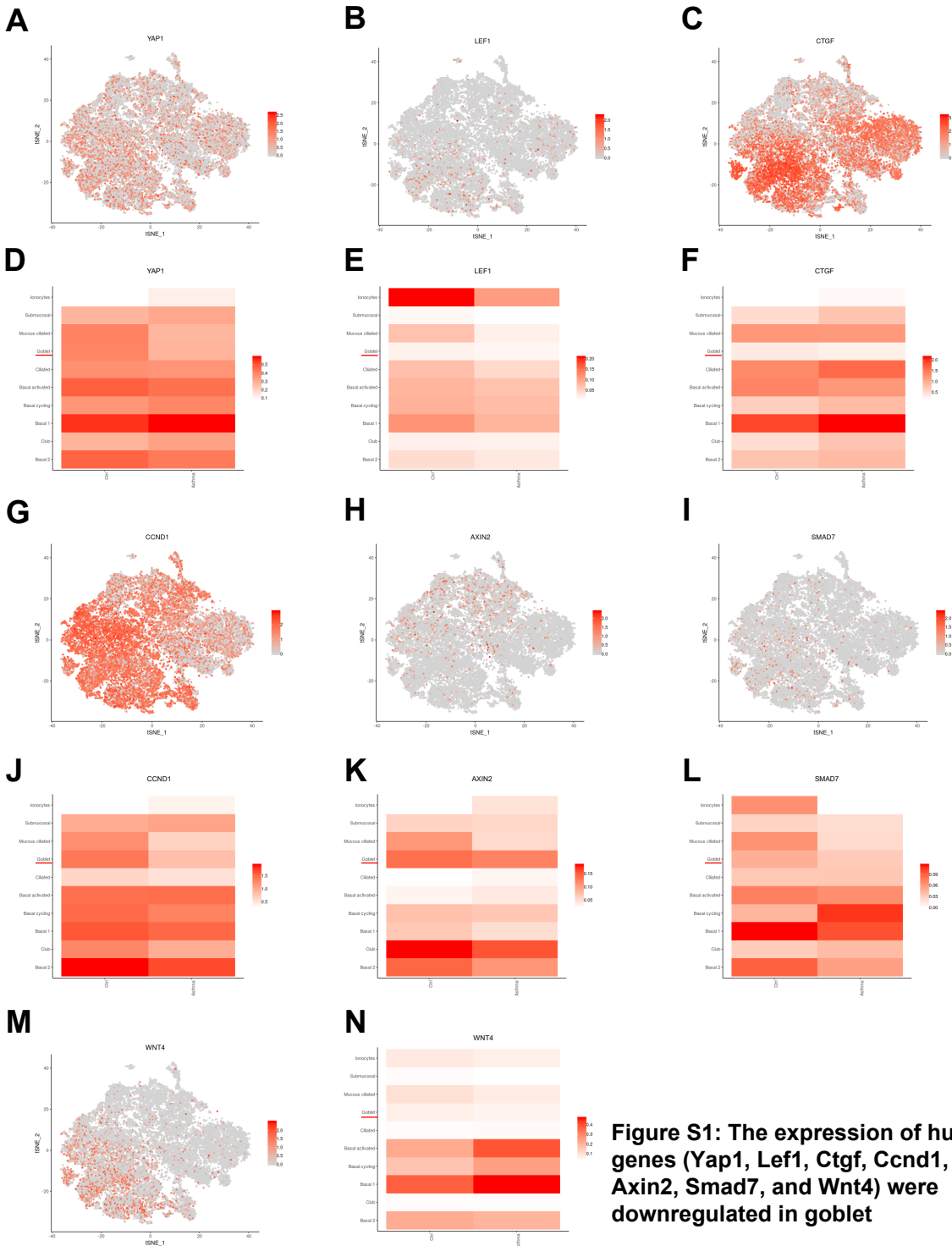


Figure S1: The expression of hub genes (Yap1, Lef1, Ctgf, Ccnd1, Axin2, Smad7, and Wnt4) were downregulated in goblet