

Supplemental table 1. List of differentially expressed genes between control and BAF155/170 double mutant NCCs.

ensembl	gene	logFC	AveExpr	t	P.Value	adj.P.Val	B	Control_1	Control_2	Control_3	dKO_1	dKO_2	dKO_3
ENSMUSG00000108741.1	Gm44553	-3.9227	-1.2438	-4.4442	0.000493	0.020558	-0.56355	0.776780271	0.829071718	0.1045059	-0.407326071	-3.461021292	-5.304833203
ENSMUSG00000102594.1	Gm38381	-3.29207	-0.27941	-6.55207	9.99E-06	0.004774	1.994255	1.347095996	1.948370647	0.8691447	-1.847898663	-1.876058791	-1.374904821
ENSMUSG0000028197.4	Col24a1	-2.7867	-0.90224	-5.19167	0.000116	0.105033	0.334098	0.255948108	0.829071718	0.14184602	-3.070291084	-1.345544075	-2.497478281
ENSMUSG0000002266.15	Zim1	-2.58556	0.053176	-4.8462	0.000224	0.145473	0.219449	1.404811494	1.585800567	0.8691447	-0.262936162	-0.798056279	-2.497478281
ENSMUSG00000026452.15	Syt2	-2.53487	-0.11807	-5.21738	0.00011	0.101497	0.611963	1.286975003	1.643516065	0.58993273	-1.485328583	-1.139093197	-1.604393485
ENSMUSG00000028626.5	Col9a2	-2.5209	-0.72711	-4.74575	0.000273	0.151809	-0.18963	0.487273654	0.614946913	0.50504383	-0.614946913	-1.139093197	-1.604393485
ENSMUSG00000055235.11	Wdr86	-2.51388	-0.5025	-4.76931	0.00026	0.101528	-0.1015	0.376423431	1.180544089	0.74605193	-1.195821966	-2.724055698	-1.397942607
ENSMUSG00000019906.14	Lin7a	-2.48425	-0.19264	-4.99116	0.00011	0.112548	0.299088	0.861669169	1.525679575	0.74605193	-0.567790743	-1.876058791	-1.845401584
ENSMUSG00000030554.15	Synn	-2.41608	0.20537	-4.57428	0.000381	0.181298	-0.08336	1.286975003	2.120837843	0.81201772	0.099633198	-1.876058791	-1.217370362
ENSMUSG00000026147.16	Col9a1	-2.41201	0.25423	-4.72345	0.000285	0.161299	0.138266	1.565276166	2.07961518	0.8691447	-0.954813866	-1.17550186	-1.604393485
ENSMUSG00000029754.13	Dlx6	-2.39082	-0.45719	-5.09089	0.00014	0.115551	0.304244	1.017788371	0.614946913	0.58993273	-1.485328583	-1.876058791	-1.604393485
ENSMUSG000000067276.5	Capn6	-2.39085	1.127891	-6.49429	1.10E-05	0.004774	0.316836	2.332298994	2.510249534	1.93638314	0.630148634	-0.091787482	-0.549945701
ENSMUSG00000021567.14	Nkd2	-2.29834	-0.09071	-4.53173	0.000414	0.181974	-0.25778	0.376423431	1.585800567	1.18857017	-1.195821966	-0.65366637	-1.845401584
ENSMUSG00000098973.1	Mir6236	-2.26927	12.41283	-4.06675	0.001046	0.03013	-0.88472	13.44637	13.92300716	13.2765145	10.924975554	13.16635584	9.739774368
ENSMUSG00000086503.3	Xist	-2.26411	6.980508	-5.18987	0.001116	0.105033	1.177974	7.831405143	8.336592991	8.17253174	5.001171279	7.416771729	5.124573539
ENSMUSG00000074818.12	Pdzd7	-2.22033	-0.83396	-4.43343	0.000503	0.206653	-0.62636	0.255948108	0.94662679	0.1045059	-1.485328583	-2.238628871	-2.134908201
ENSMUSG000000104315.1	Gm37906	-2.18914	-0.60648	-3.15633	0.006638	0.05817	-3.23663	0.124703574	0.829071718	0.14184602	-1.195821966	-0.091787482	-3.19870702
ENSMUSG00000047793.13	Sned1	-2.16537	0.811676	-6.40112	1.29E-05	0.005109	2.707325	1.999172692	2.037179913	1.689468	-0.407326071	-0.188002798	-0.260439084
ENSMUSG00000033676.13	Gabbr3	-2.16005	-0.26787	-4.78875	0.000251	0.151223	0.018307	0.941839517	0.829071718	0.67103038	-1.485328583	-0.958520951	-1.604393485
ENSMUSG00000030074.9	Gykt2	-2.14555	-0.43596	-3.48733	0.003385	0.057354	-1.82479	0.487273654	1.015484842	0.31863071	0.298942726	-2.238628871	-2.497478281
ENSMUSG00000043496.7	Tril1	-2.14122	1.785544	-5.23594	0.000106	0.104844	-1.422956	2.765809153	3.664577681	2.14715024	1.227389665	0.786902822	0.121435152
ENSMUSG000000105624.1	Gm43187	-2.1269	-0.21527	-4.46059	0.000477	0.20447	-0.39478	0.376423431	1.015484842	1.07535956	-0.954813866	-0.958520951	-1.845401584
ENSMUSG000000087943.1	Gm24245	-2.11013	5.879888	-3.95751	0.01304	0.33264	-1.239	6.76512068	7.293582261	6.73619227	4.402738138	6.717643559	3.364051781
ENSMUSG00000057716.6	Tmem178b	-2.07554	0.702099	-4.93418	0.000189	0.131297	0.649276	1.460306606	2.478885363	1.34329276	-0.11397395	-0.798056279	-0.260439084
ENSMUSG00000030757.13	Zkscan2	-2.06979	1.038779	-6.04461	2.42E-05	0.006757	2.359893	2.0361669	1.948370647	1.21886119	0.77101117	-0.29109629	-0.350636892
ENSMUSG00000030500.5	Slc17a6	-2.04028	0.754148	-4.63169	0.000341	0.171922	0.207435	1.999172692	2.237877264	1.18857017	-0.11397395	-1.139093197	0.249755649
ENSMUSG00000017692.8	Rhhld3	-2.02177	0.999562	-5.31131	9.24E-05	0.01	1.329489	2.208119583	2.310940726	1.48301752	0.360148634	-0.188002798	-0.463052208
ENSMUSG00000031837.13	Necab2	-2.01018	-0.20499	-4.06516	0.00105	0.030161	-0.94312	0.776780271	1.015484842	0.74605193	-2.33325649	-0.522421837	-0.91251578
ENSMUSG000000105985.1	Gm42993	-2.00761	1.301332	-5.56373	5.78E-05	0.008819	1.81878	2.171252968	2.712557709	1.99980852	1.072662687	-0.02127603	0.249755649
ENSMUSG00000000301.15	H19	-2.00431	4.50662	-7.52259	2.03E-06	0.00403	5.27057	5.547769448	6.169535764	4.81158839	3.766811182	3.225479235	3.51854307
ENSMUSG00000040310.12	Alix4	-2.00336	1.611952	-5.28042	9.79E-05	0.102626	1.462897	2.0361669	3.47093661	2.426434	0.554199782	0.380280962	0.803691254
ENSMUSG00000099746.1	Ppnr	-1.99782	-0.55854	-3.82686	0.001698	0.038362	-1.37055	0.590367147	0.494652679	0.21553721	-0.567790743	-2.238628871	-1.845401584
ENSMUSG000000102657.1	Gm37899	-1.99768	1.047763	-4.68209	0.003009	0.17041	0.37026	2.141777088	2.414034219	1.5267389	1.1776364	-0.798056279	-1.17550186
ENSMUSG00000042961.13	Egflam	-1.97579	0.509333	-3.8764	0.001536	0.062823	-1.03935	1.565276166	2.380481659	0.58993273	0.099633198	-0.522421837	-0.1056905689
ENSMUSG00000052854.15	Nrk	-1.97469	0.449124	-4.7918	0.000249	0.151202	0.351382	1.224239248	1.948370647	1.13307505	-0.262936162	-0.29109629	-1.056905689
ENSMUSG00000059049.14	Freml1	-1.9641	2.371988	-7.96146	1.03E-06	0.002902	5.614134	3.3325296	3.502472184	2.9604956	1.453270872	1.329055639	1.35337682
ENSMUSG000000102428.1	Pcdhga12	-1.95499	0.518525	-4.12854	0.000924	0.282659	-0.63502	2.072236155	1.643516065	0.74605193	0.389140535	-0.958520951	-0.781217247
ENSMUSG00000049038.2	Mterf2	-1.94767	0.035259	-4.42268	0.000514	0.202905	-0.34048	1.374095996	1.10037374	0.58993273	-0.567790743	-1.345544075	-0.91251578
ENSMUSG00000026674.9	Ddr2	-1.947	2.308156	-7.73053	1.47E-06	0.002902	5.287844	3.425873109	3.533333147	2.89527794	1.494493535	1.429749638	1.027062268
ENSMUSG00000035305.5	Ror1	-1.94259	0.101093	-3.86655	0.001567	0.0366	-1.14181	0.776780271	1.993458536	0.50504383	-0.748632989	-0.522421837	-1.397942607
ENSMUSG00000029778.12	Adcyap11	-1.93204	0.999274	-4.87788	0.000211	0.141411	0.670819	1.663123489	2.65759125	1.56917417	0.554199782	-0.100189673	-0.446852208
ENSMUSG000000062961.6	Ccdc177	-1.93165	0.234899	-4.69446	0.000301	0.161984	0.128917	1.017788371	1.256492942	1.29353973	-0.262936162	-1.345544075	-0.549945701
ENSMUSG000000106022.1	Gm42929	-1.92554	0.105411	-3.70693	0.002166	0.043866	-1.38227	1.460306606	1.397355478	0.31863071	-0.407326071	-0.29109629	-1.845401584
ENSMUSG00000030020.13	Priclike2	-1.91835	0.787717	-4.86821	0.000215	0.141411	0.519865	1.513745865	2.199909414	1.48301752	0.630148634	-0.65366637	-0.446852208
ENSMUSG000000102516.1	Gm38340	-1.91518	-0.33107	-4.03481	0.001116	0.039999	-1.01712	0.487273654	0.614946913	0.67103038	-0.567790743	-1.345544075	-1.845401584
ENSMUSG00000021301.8	Hecw1	-1.90796	0.530379	-4.93618	0.000189	0.131297	0.596215	1.754753965	1.397355478	1.34329276	-0.407326071	-0.958520951	-0.852711802
ENSMUSG00000025867.8	Cplx2	-1.9077	1.596546	-6.50505	1.08E-05	0.007674	3.314993	2.851327224	2.346130154	2.37951295	1.126106129	0.508605059	0.367592139
ENSMUSG000000066113.15	Adams11	-1.90251	-0.21786	-3.23074	0.005707	0.078674	-2.16254	0.376423431	1.180544089	0.58993273	-1.195821966	0.239418426	-2.497478281
ENSMUSG00000004110.14	Cacna1e	-1.89826	0.900766	-7.73033	0.002065	0.042506	-1.22451	2.446631669	2.478885363	0.74605193	-0.131691229	0.311568212	-0.446852208
ENSMUSG00000078190.6	Dnm3os	-1.8916	2.25104	-7.82317	1.27E-06	0.002902	5.380798	3.008510557	3.150999813	3.2871982	1.754137352	0.884753545	1.265022045
ENSMUSG00000010066.15	Cacna2d2	-1.89097	1.140336	-5.49375	6.58E-05	0.009194	1.658808	1.922107111	2.629302206	1.76443006	0.099633198	0.448689304	-0.019430984
ENSMUSG00000044576.6	Garem2	-1.8828	-0.18172	-3.3517	0.004614	0.06951	-2.00371	0.686582462	1.585800567	0.21553721	-2.33325649	-0.188002798	-0.1056905689
ENSMUSG00000108394.1	Gm45477	-1.87323	-0.17155	-4.05137	0.001079	0.030547	-0.9416	0.686582462	1.180544089	0.41484602	-0.748632989	-0.958520951	-1.604393485
ENSMUSG00000017229.1	Zr70078F05R1	-1.87074	0.281979	-4.33946	0.000606	0.022923	-0.37235	0.686582462	1.643516065	1.29353973	-0.131691229	-1.139093197	-0.660977013
ENSMUSG000000041379.15	Coro2b	-1.85803	0.569644	-3.32954	0.004668	0.070051	-1.91839	0.776780271	2.65759125	1.01523856	0.554199782	-0.188002798	-1.397942607
ENSMUSG00000047757.16	Fancb	-1.85349	-0.60421	-3.02589	0.008649	0.098298	-2.512	0.124703574	0.494652679	0.21553721	-0.131691229	-1.345544075	-0.928290518
ENSMUSG00000027820.12	Mme	-1.85332	0.908681	-5.45477	7.07E-05	0.009244	1.510379	1.961204842	2.07961518	1.5267389	-0.011397395	-0.29109629	-0.810719893
ENSMUSG00000023236.7	Scg5	-1.84908	-0.11986	-3.88658	0.001505	0.035994	-1.16434	0.686582462	1.015484842	0.67103038	-0.954813866	-0.29109629	-1.845401584
ENSMUSG00000025478.13	Dpysl4	-1.84622	3.288136	-5.91275	3.06E-05	0.007194	2.673527	4.244138805	4.904781378	3.35211207	2.76259893	1.896530713	2.38653575
ENSMUSG00000004328.15	Hif3a	-1.84293	0.013741	-3.46039									

ENSMUSG00000104184.1	Gm37818	-1.65258	-0.39707	-2.76815	0.014534	0.132596	-2.86333	0.376242341	0.925287033	-0.14703287	0.099633918	-1.139093197	-2.497478281
ENSMUSG00000039239.5	Tgfb2	-1.6519	0.737813	-4.31292	0.006639	0.023239	-0.28316	0.107788371	2.07961518	1.56917417	0.298942726	-0.18802798	-0.350636892
ENSMUSG00000039037.5	St6galnac5	-1.65181	-0.58527	-3.06803	0.007941	0.094053	-2.44939	0.255948108	0.494652679	0.1045059	-2.33332549	-1.586552174	-0.446852208
ENSMUSG00000000567.5	Sox9	-1.65113	1.889978	-5.07985	0.00143	0.011551	-1.9162	2.721070838	3.247215128	2.17489523	1.410835606	1.257796596	-0.528056811
ENSMUSG00000070880.0	Gad1	-1.64834	0.375229	-3.97418	0.001261	0.032787	-0.90098	1.224329248	1.015484842	1.24200942	-0.011397305	-0.011589673	-1.217037062
ENSMUSG00000061080.1	Lsmp	-1.64818	0.347967	-2.72999	0.015687	0.138972	-2.89591	0.992036717	1.948370647	0.81820172	0.70229842	0.163469573	-1.234908201
ENSMUSG00000021097.4	Clmn	-1.64436	1.188995	-4.33351	0.006614	0.022937	-0.16551	1.922110711	2.27487171	1.76443046	0.70229842	0.10205398	-0.549945701
ENSMUSG00000015222.17	Map2	-1.63585	4.72261	-7.7095	1.51E+06	0.002902	5.486266	5.277350584	6.086134373	5.24036907	4.301848457	3.57240171	3.87558126
ENSMUSG00000034682.12	Sema3f	-1.63493	1.632608	-4.24014	0.00739	0.025003	-0.28662	3.20224176	3.265711472	1.80049971	1.453270872	0.445869304	0.58056811
ENSMUSG00000020926.16	Adam11	-1.62902	1.3337	-4.57457	0.000381	0.018298	0.260085	2.240180792	2.765506589	1.5267389	0.630148634	0.311568212	0.52805811
ENSMUSG00000025555.14	Farp1	-1.62799	2.994904	-6.49381	1.10E+05	0.004774	3.638647	3.726739589	4.306481078	3.38546221	2.602132528	1.13887544	1.83478115
ENSMUSG00000003665.6	Has1	-1.6265	-0.31593	-2.80439	0.013516	0.126608	-2.80463	0.376242341	0.614946913	0.50504383	-0.407326071	-2.724055698	-0.260439084
ENSMUSG000000107353.1	4930430022R	-1.62531	-0.59155	-1.13451	0.006939	0.087573	-2.35491	0.255948108	0.219018236	0.1045059	-0.407326071	-1.876058791	-1.845401584
ENSMUSG000000058297.16	Spock2	-1.62207	1.673571	-2.97215	0.009642	0.104125	-2.57105	2.892257488	3.63642664	1.07535956	1.07266687	0.836659257	0.528056811
ENSMUSG000000024593.15	Megf10	-1.62093	1.83035	-5.07534	0.001444	0.011551	-1.7794	2.765809153	2.913605228	2.17489523	1.684596418	1.020105398	0.423087252
ENSMUSG000000030000.0	Add2	-1.62	2.35585	-5.76116	4.03E+05	0.008063	2.387444	2.932058497	3.758993282	2.82697193	1.944659258	1.182834898	1.489582663
ENSMUSG000000031285.14	Dcx	-1.61962	4.2606	-6.48765	1.12E+05	0.004774	3.598675	4.763053288	5.704106045	4.79380506	3.529621758	2.925559761	3.847451639
ENSMUSG000000050822.11	Sic29a4	-1.61479	0.314266	-3.50268	0.003281	0.056198	-1.6619	1.404811494	1.643516065	0.41484602	-0.262936162	-1.139093197	-0.17550186
ENSMUSG00000027684.16	Mecom	-1.61369	1.88415	-4.66306	0.00032	0.017543	0.472881	3.008510557	2.446824154	2.4493344	2.190236466	0.681936662	0.528056811
ENSMUSG000000107023.2	Gm42715	-1.61363	-0.4647	-3.10256	0.007404	0.090375	-2.3839	0.124703574	0.725978225	0.1045059	-0.262936162	-1.876058791	-1.604393485
ENSMUSG00000018698.15	Lhx1	-1.61108	1.845227	-5.3232	9.04E+05	0.009985	1.591942	2.787668587	3.150999813	2.11886119	0.899335267	0.97368402	1.138110293
ENSMUSG00000003763.14	Mts11	-1.60938	1.893357	-4.06299	0.01054	0.030224	-0.60195	2.500570476	3.53333147	0.2050532	1.852541566	1.020105398	0.423087252
ENSMUSG00000079330.8	Lemd1	-1.60929	0.741357	-4.80145	0.00245	0.015126	0.486106	1.709666075	1.462943819	1.43792963	0.099633918	-0.001589673	-0.260439084
ENSMUSG00000073867.2	AA474408	-1.60796	-0.59438	-3.31623	0.004796	0.071188	-2.0959	2.55948108	0.219018236	0.1045059	-0.95481386	-1.345544075	-1.845401584
ENSMUSG00000021464.14	Ror2	-1.60702	1.277451	-4.91779	0.00195	0.013581	0.817347	2.072236155	2.540946331	1.65047427	0.77101117	0.380280962	0.249755649
ENSMUSG000000039154.6	A530064N14R	-1.60493	0.283572	-4.01745	0.001155	0.03138	-8.85505	0.776780271	1.328642728	1.13307505	-0.131691629	-0.95820951	-0.446852208
ENSMUSG000000025738.7	Fbxl16	-1.59748	0.689352	-4.57545	0.00038	0.018298	0.101942	1.513745865	1.585800567	1.34329276	-0.131691629	0.239418426	-0.446852208
ENSMUSG000000020105.8	Urg3	-1.59671	2.252761	-4.5631	0.00039	0.018542	0.330085	3.150238667	3.47093661	2.4493344	2.42156202	1.220802774	0.803691254
ENSMUSG00000089525.2	Rt1	-1.59009	0.971681	-3.14847	0.006745	0.086205	-2.2121	1.961204842	2.510249534	0.81820172	0.77101117	0.681936662	-0.91251578
ENSMUSG000000039154.6	Shd	-1.58845	0.241898	-4.02103	0.001147	0.03138	-8.85505	0.861669169	0.925287033	0.21200942	-0.262936162	-0.102127603	-0.91251578
ENSMUSG000000103427.1	Gm37534	-1.58605	1.405212	-4.45781	0.00048	0.020447	0.075843	2.271544963	2.07961518	1.09000633	1.719785847	0.083299224	0.17019893
ENSMUSG000000021611.8	Tert	-1.58032	0.776787	-4.18413	0.000827	0.026928	-0.48129	1.709666075	1.585800567	1.34329276	0.77101117	-0.65366627	-0.095379867
ENSMUSG00000046580.10	Gm7862	-1.57986	0.25289	-3.65642	0.0024	0.046328	-1.42513	1.158650906	0.829071718	1.07535956	-0.567790743	0.239418426	-1.217370362
ENSMUSG000000021700.9	Rab3c	-1.57674	1.452747	-5.07496	0.001445	0.011551	-1.11618	2.446631669	2.571003565	1.76443046	0.77101117	0.445869304	0.17753461
ENSMUSG000000037568.12	Vash2	-1.57494	1.788217	-6.03685	2.45E+05	0.006757	2.715758	2.473853138	2.913605228	2.35546747	1.17763643	0.884753545	0.923998488
ENSMUSG000000089827.1	1700023H06R	-1.57274	0.097371	-3.38503	0.004169	0.065001	-1.8775	0.776780271	1.525679575	0.50504383	-1.485328583	-0.188002798	-0.549945701
ENSMUSG000000027692.16	Trnk	-1.57218	2.463261	-4.65464	0.000326	0.01769	0.460873	3.081114306	3.84760767	2.79156659	2.002957898	2.21140405	0.849413917
ENSMUSG000000034701.9	Neurod1	-1.57152	0.643368	-2.91104	0.010907	0.111478	-2.60632	3.347095996	2.571003565	0.50504383	0.389140535	-1.139093197	0.187019893
ENSMUSG000000038677.13	Scub3	-1.57095	2.596921	-5.22556	0.00109	0.010424	-1.484266	1.669024091	3.835276868	2.67981823	2.058991933	1.848833971	1.80582663
ENSMUSG00000042436.12	Mfap4	-1.56609	1.466078	-4.5527	0.000398	0.018566	0.243204	1.961204842	3.004513725	1.83568914	0.836599512	0.681936662	0.476526511
ENSMUSG000000032492.14	Pth1r	-1.56209	0.82193	-4.46133	0.000476	0.020447	-0.02396	1.124703574	1.91828061	1.39138705	0.474029432	-0.102127603	0.052718802
ENSMUSG00000005397.7	Nid1	-1.56109	2.453977	-4.98948	0.00017	0.012548	1.065628	3.045269107	4.053239764	2.67981823	1.787689911	1.668261275	1.85982663
ENSMUSG000000103937.1	Gm37186	-1.56075	-0.31626	-3.38552	0.004165	0.065001	-1.9446	0.124703574	0.829071718	0.50504383	-1.485328583	-1.958544075	-0.91251578
ENSMUSG000000034958.11	Atcay	-1.56074	0.473129	-3.8226	0.001713	0.038564	-1.12221	1.709666075	1.80544089	0.81820172	0.202727411	-0.29109629	-0.781271247
ENSMUSG000000020297.1	Nsg2	-1.56051	1.696375	-4.37833	0.005611	0.021658	-0.03915	1.798475342	3.319818877	2.3546747	1.07266687	0.786906139	0.84913917
ENSMUSG00000048015.3	Neurod4	-1.55911	0.74112	-3.46357	0.003553	0.058821	-1.68201	1.089938156	2.346130154	1.13307505	0.77101117	-0.798056279	-0.095379837
ENSMUSG00000097042.1	Gm17491	-1.55883	-0.03698	-3.48576	0.003396	0.057392	-1.74015	0.776780271	0.36340486	0.195250281	-0.262936162	-0.65366627	-1.397942607
ENSMUSG00000027932.14	Sic27a3	-1.55835	0.61141	-4.1695	0.000851	0.029783	-0.53883	1.286975003	1.328642728	1.5267389	0.202727411	-0.798056279	-0.12143552
ENSMUSG000000021057.15	Akap5	-1.5566	-0.04988	-3.0601	0.008001	0.049339	-2.39621	1.158650906	0.725978225	0.21553721	-0.262936162	-0.29109629	-1.845401584
ENSMUSG00000098090.7	2700099C18R	-1.55547	0.107515	-3.53088	0.003098	0.054188	-1.64589	0.861669169	0.61496913	1.07535956	0.099633918	-1.345544075	-0.660977013
ENSMUSG000000028073.15	Pear1	-1.55483	-0.38033	-3.03676	0.00846	0.097312	-2.46742	0.376242341	0.36340486	0.31863071	-0.407326071	-0.798056279	-1.2134908201
ENSMUSG000000065820.1	Gm26316	-1.55463	-0.0702	-2.94178	0.010251	0.107825	-2.58006	0.861669169	1.25642942	0.1045059	-1.485328583	0.239418426	-1.397942607
ENSMUSG000000104344.1	Gm38077	-1.55214	0.044	-2.83853	0.012621	0.122107	-2.7352	1.017788371	0.829071718	0.21553721	0.099633918	-0.29109629	-1.2134908201
ENSMUSG00000022055.7	Nefl	-1.54515	1.742782	-4.27282	0.000692	0.024199	-0.22409	2.418886679	3.209495462	1.90359321	1.611532956	0.836659257	0.476526511
ENSMUSG000000067786.16	Nnat	-1.54451	3.927313	-5.9677	2.77E+05	0.006901	2.724947	4.708600741	5.361259679	4.06427606	3.233489664	3.298312115	2.899737941
ENSMUSG000000079470.8	Utp14b	-1.543	2.136419	-6.01958	2.53E+05	0.006787	2.775832	2.78668587	3.090031796	2.77353267	1.852541056	1.429749638	0.884991356
ENSMUSG000000034543.7	Adams15	-1.53671	0.398352	-3.17828	0.006349	0.083118	-1.17521	0.686582462	2.120837843	0.81820172	-0.95481386	0.380280962	-0.660977013
ENSMUSG000000045871.1	Slit3c	-1.53179	0.612974	-3.07265	0.007867	0.093671	-2.33936	1.224329248	1.901828061	0.86941447	0.899335267	0.163469573	-1.397942607
ENSMUSG000000032796.7	Lama1	-1.52996	2.444625	-4.41933	0.000518	0.020975	0.029353	2.892257488	4.105517043	2.71803755	1.494493535	2.192420947	1.265022443
ENSMUSG000000049929.7	Lpar4	-1.5298	0.383775	-3.18796	0.006225	0.028384	-2.15987	1.286975003	1.397355748	0.74605193	0.554199781	1.586552174	1.065529807
ENSMUSG00000044288.6	Cnr1	-1.52955	0.527416	-3.800									

ENSMUSG00000044681.18	Cnp1	-1.46205	0.783069	-3.78858	0.001835	0.040041	-1.13199	1.224239248	1.643516065	1.56917417	0.95945626	-0.522421837	-0.175550186
ENSMUSG00000052217.5	Hbb-bh1	-1.46187	0.957101	-2.62554	0.019312	0.154133	-0.09572	1.882133271	2.765506589	0.58993273	0.70229842	-0.958520951	0.761255988
ENSMUSG00000029126.7	Nsg1	-1.46185	1.353907	-4.25015	0.000725	0.250208	-0.28745	1.709666075	2.816580774	1.83568914	0.298942726	0.286659257	0.625904135
ENSMUSG000000104292.1	Gm38042	-1.45874	1.019013	-4.57988	0.000377	0.018298	0.215013	1.404811494	1.948370647	1.87004065	0.389140535	0.382080962	0.121431552
ENSMUSG00000075316.11	Scn9a	-1.45858	-0.18767	-2.41343	0.029305	0.185875	-3.72229	1.347095996	0.829071718	-0.45188745	-1.485328583	0.239418426	-1.604393485
ENSMUSG00000032816.14	Igdcc4	-1.45839	1.999334	-5.37727	0.17E+05	0.009818	1.708802	2.562703915	3.150999813	2.426434	1.611532956	0.884753545	1.295079639
ENSMUSG00000025964.15	Adam23	-1.45807	1.505275	-3.79778	0.018001	0.396688	-1.07605	2.141777088	2.685336241	1.90359321	0.474028042	1.7741951	0.202711802
ENSMUSG00000055609.8	Hba-x	-1.45758	1.983989	-3.00089	0.009097	0.100476	-1.56518	2.240180792	4.115748966	1.90359321	1.754137352	0.508605059	1.38167324
ENSMUSG00000054793.8	Cadm4	-1.4558	2.027723	-5.34627	8.65E-05	0.009929	1.606098	2.473853138	3.319818877	2.53746531	1.322026339	1.10376329	1.409412315
ENSMUSG00000047143.3	Dmrt2a	-1.4556	0.208613	-2.87083	0.018227	0.117391	-2.67481	1.224239248	1.397355478	0.21553721	-0.567790743	0.380280962	-1.397942607
ENSMUSG000000102969.1	Gm33366	-1.45555	0.981689	-4.41037	0.000527	0.201091	-0.06911	1.999172692	1.328642728	1.72743625	0.474028042	0.380280962	-1.493430984
ENSMUSG00000005958.14	Ephb3	-1.45515	2.355661	-5.15385	0.000124	0.010981	1.354975	2.830418235	3.533333147	2.82697193	2.3105307	1.429749638	1.202961437
ENSMUSG00000034384.11	Barhl2	-1.45508	0.530333	-3.02574	0.008651	0.098298	-2.418	1.224239248	2.037179913	0.50504383	0.389140535	0.083299224	-1.056091689
ENSMUSG000000021379.1	Id4	-1.45427	-0.05211	-3.43187	0.00379	0.061196	-1.82543	1.861669169	0.614946913	0.58993273	-1.195821966	-0.402127603	-0.781271247
ENSMUSG00000048001.7	Hes5	-1.45314	0.033752	-3.23742	0.000563	0.078287	-1.21238	0.861669169	0.829071718	0.50504383	0.202727411	-1.139093197	-1.056091689
ENSMUSG00000034687.8	Fras1	-1.45229	2.127932	-4.45201	0.000485	0.02053	0.100698	2.851327224	3.438696273	2.25506558	1.974103035	1.363407143	0.884991356
ENSMUSG00000026825.17	Dnm1	-1.45126	1.861351	-4.9365	0.001088	0.013297	0.946477	2.562802018	3.110642075	2.14715024	1.322026339	1.257796956	0.803691254
ENSMUSG00000033419.15	Snmp1	-1.45052	0.643413	-4.0504	0.001081	0.030547	-0.72249	1.565276166	1.525679575	1.01523856	0.202727411	-0.68002798	-0.260439084
ENSMUSG00000030376.7	Sic8a2	-1.45003	1.334345	-3.80394	0.001779	0.039454	-1.06708	2.072236155	2.478885363	1.56917417	1.126106129	1.020105398	-0.260439084
ENSMUSG00000030498.14	Gas2	-1.4494	0.291733	-3.34912	0.004485	0.06816	-1.90758	1.347095996	1.10037374	0.58993273	0.202727411	-1.139093197	-0.350636892
ENSMUSG00000008658.15	Rbfox1	-1.44833	-0.06552	-3.35724	0.004412	0.067272	-1.94202	3.76242341	0.925287033	0.74605193	-1.195821966	-0.798056279	-0.446852208
ENSMUSG00000097767.8	Miat	-1.44653	5.868991	-9.53222	1.09E-07	0.007229	8.130932	6.516202911	6.88023377	6.37129244	5.470159886	4.98053965	4.99519357
ENSMUSG00000046844.6	Vat1l	-1.44651	0.688503	-3.58551	0.002772	0.050885	-1.48116	1.158650906	1.853733772	1.1885701	0.202727411	0.508605059	-0.781271247
ENSMUSG00000032128.14	Robo3	-1.44477	4.47228	-6.63579	8.66E-06	0.004774	3.831864	5.173255319	5.492691163	4.92621612	3.56874809	4.373976385	3.298793142
ENSMUSG00000072653.17	Zfp783	-1.44443	0.118123	-2.49972	0.024755	0.172784	-2.24925	1.158650906	1.015484842	0.31863071	0.630148634	-2.236828871	-1.175505186
ENSMUSG00000043079.17	Synpo	-1.44344	2.677603	-5.01688	0.00161	0.012383	1.110106	1.333265588	4.053239764	3.00754417	2.52465505	1.640516735	1.706394053
ENSMUSG00000073034.11	Scn2b	-1.44364	0.054026	-2.17781	0.046092	0.217853	-3.72169	1.017788371	0.494652679	0.67010308	1.126106129	-2.724055698	-0.260439084
ENSMUSG00000060487.5	Samd5	-1.44362	0.008992	-2.6598	0.018042	0.150179	-0.70152	0.255948108	1.180544089	0.58993273	0.77101117	-1.139093197	-1.604393485
ENSMUSG00000021047.6	Novo1	-1.44344	1.905411	-4.53354	0.000413	0.018974	0.245233	2.743613407	2.88995396	2.25056558	1.754137352	0.380280962	1.409412315
ENSMUSG00000041592.16	Sdk2	-1.44312	1.691258	-3.93945	0.001352	0.034174	-0.8226	2.28119583	3.354795016	1.80049971	0.836599512	1.062540664	0.884991356
ENSMUSG00000040260.7	Daam2	-1.44254	1.945612	-5.34154	8.73E-05	0.009929	1.642788	1.743613407	2.88995396	2.33101443	1.611532956	1.2938621	0.803691254
ENSMUSG00000051375.15	Pcdh1	-1.44203	0.687743	-3.26276	0.005347	0.075847	-2.20888	1.840910608	1.803980737	0.58993273	0.389140535	0.163469573	-0.660971703
ENSMUSG00000021130.7	Gaint16	-1.44114	0.324848	-3.11004	0.007293	0.090256	-2.28881	0.941839517	1.699011178	0.50504383	0.389140535	-1.139093197	-0.446852208
ENSMUSG00000028369.15	Svep1	-1.44088	0.956727	-3.07496	0.007383	0.094343	-3.2379	0.590367147	2.65759125	1.80049971	0.630148634	-0.18802798	0.249755649
ENSMUSG00000025776.13	Crisp1d1	-1.4403	0.691429	-3.86614	0.001568	0.0366	-1.0148	1.347095996	1.256492942	1.52673991	0.298942726	0.380280962	-0.660971703
ENSMUSG00000031548.7	Sfrp1	-1.43974	1.916105	-5.03872	0.001155	0.011953	1.126761	2.500570476	3.228478566	2.25065558	1.227389465	1.020105398	1.265022405
ENSMUSG00000010476.13	Ebf3	-1.43809	3.516042	-7.02958	4.49E-06	0.004632	4.512325	4.022404999	4.729313938	3.96447548	3.038233373	2.675115396	2.6666710351
ENSMUSG000000030235.15	Arvcf	-1.43734	2.843859	-6.14427	2.03E-05	0.006477	3.061767	3.467095772	3.871957351	3.31239875	2.442778498	2.354895644	1.614030034
ENSMUSG00000018604.18	Tbx3	-1.43667	1.596443	-3.68058	0.002285	0.045287	-1.28838	2.552655114	2.841455443	1.52673989	1.494493535	0.97638402	1.610719893
ENSMUSG00000058975.6	Kcnc1	-1.43638	-0.37361	-2.74362	0.012565	0.13661	-2.89608	0.376242341	0.058553564	0.41484602	0.099633918	-1.345544075	-1.845401584
ENSMUSG00000035864.14	Syt1	-1.43393	0.313616	-3.11747	0.007183	0.089586	-2.27725	1.017788371	1.328642728	0.67010308	0.099633918	0.163469573	-1.397942607
ENSMUSG00000020601.7	Trih2	-1.43309	1.84672	-5.20585	0.000113	0.010533	1.401141	2.390597634	3.04790632	2.33101443	1.07266687	0.884753545	1.35337828
ENSMUSG00000021294.7	Kif26a	-1.43259	1.335427	-3.9122	0.001429	0.034672	-0.8767	2.107425583	2.685336241	1.39138705	1.07266687	0.445869304	0.309876641
ENSMUSG00000026805.14	Barhl1	-1.43131	0.859189	-3.19458	0.006142	0.081899	-1.32528	1.286975003	2.199909414	1.24200942	1.01717157	-0.958520951	0.367592139
ENSMUSG00000022454.16	Nel12	-1.42993	2.11242	-4.68422	0.000307	0.017404	0.518517	2.743613407	3.333331437	2.33101443	1.07266687	1.61222769	1.318676324
ENSMUSG00000096870.2	Gm21816	-1.42549	-0.00257	-2.91281	0.010868	0.116722	-2.61824	0.376242341	0.614946913	0.95250281	0.298942726	-0.65366637	-1.604393485
ENSMUSG00000046402.10	Rbp1	-1.42538	0.36902	-3.25135	0.005472	0.076896	-2.05808	0.77680271	1.948370647	0.58993273	-0.131691229	-0.522421837	-0.446852208
ENSMUSG000000103657.1	Gm37204	-1.4246	-0.09881	-2.64643	0.018527	0.152011	-0.30279	0.686852462	0.614946913	0.50504383	0.099633918	-2.238628871	-1.260439084
ENSMUSG0000001497.18	Pax9	-1.42407	0.309967	-3.36581	0.004335	0.065655	-1.87842	0.861669169	1.397355478	1.740605193	0.202727411	-0.29109629	-0.056095689
ENSMUSG00000027200.17	Sema6d	-1.42357	2.071156	-5.99526	2.64E-05	0.006815	2.270719	2.91295242	2.936875008	2.53746531	1.322026339	1.583372827	1.170900228
ENSMUSG00000035948.17	Acs3	-1.42281	-0.30564	-2.65856	0.018086	0.150179	-0.30105	0.25948108	0.725978225	0.21553721	-0.131691229	-2.238628871	-0.660971703
ENSMUSG00000042035.11	Igf3	-1.42245	3.103065	-4.11595	0.000521	0.020975	-0.04368	3.78010701	4.668058249	3.09727433	2.563914936	2.561346521	1.989787546
ENSMUSG00000022206.16	Npr3	-1.42216	1.387023	-3.59174	0.002737	0.050452	-1.44291	1.882133271	2.765506589	1.65047427	1.494493535	-0.18802798	0.71753461
ENSMUSG00000097051.1	Gm26836	-1.41904	-0.0725	-2.60056	0.020292	0.158008	-3.09626	0.861669169	0.494652679	0.50504383	0.202727411	-2.238628871	-0.260439084
ENSMUSG00000021994.14	Wnt5a	-1.41882	2.91791	-6.63383	8.69E-06	0.004774	3.858561	3.596572296	3.810294511	3.44364329	2.71106863	1.799506258	1.246377909
ENSMUSG00000038816.14	Ctnn1a1	-1.41502	1.308528	-3.88549	0.001508	0.03601	-0.92431	1.754753965	2.199909414	1.99808052	0.899335267	1.257796956	-0.260439084
ENSMUSG00000063564.13	Col23a1	-1.41313	1.78465	-4.61866	0.000349	0.018054	0.38961	4.218866679	3.026373159	2.30050532	1.494493535	0.97638402	0.761255988
ENSMUSG00000093843.1	Gm25939	-1.40747	0.920645	-3.65366	0.002413	0.046328	-1.34787	1.565276166	2.037179913	1.39138705	0.567790743	0.37638402	0.121431552
ENSMUSG00000039275.14	Raver2	-1.40643	1.069299	-3.92614	0.001389	0.034458	-0.86964	1.882133271	2.037179913	1.34329276	1.01717157	0.31568212	-0.175550186
ENSMUSG00000097265.1	Gm26803	-1.40603	-0.18746	-2.40397	0.02985	0.186992	-3.38618	0.109686335	0.219018236	1.07535956	0.389140535	-0.65366637	-2.134908201
ENSMUSG00000034460.9	Six4	-1.40585	1.936242	-5.0781									

ENSMUSG00000044349.15	Snhg11	-1.34768	2.203336	-5.28084	9.79E-05	0.010266	1.568006	2.809201749	2.913605228	2.82697193	1.883905227	1.824380927	0.961953338
ENSMUSG000000031517.7	Gpm6a	-1.34494	1.301433	-3.59224	0.002734	0.050452	-1.4414	1.798475342	2.65759125	1.5267389	1.07266687	-0.091787482	0.849413917
ENSMUSG00000027996.13	Sfrp2	-1.34483	0.955425	-3.14746	0.006759	0.086299	-2.21391	1.565276166	2.380481659	0.95625081	1.07266687	-0.091787482	0.849413917
ENSMUSG000000402671.12	Rgs8	-1.34453	0.199485	-2.85321	0.012254	0.191766	-7.0257	1.709666075	0.829071718	1.1045059	-0.262936162	0.522421837	-0.660977013
ENSMUSG000000062380.3	Tab3b	-1.34419	1.426519	-4.80082	0.002241	0.014998	0.543412	1.474081474	4.41193443	5.693898254	4.41193443	3.875223421	3.024171139
ENSMUSG00000052387.15	Trpm3	-1.34021	-0.14195	-2.66175	0.017972	0.149791	-0.00619	0.124703574	1.462943811	1.1045059	-1.195821966	-0.29109629	-0.056995689
Fam171a1	Fam171a1	-1.33888	2.066084	-4.35505	0.000588	0.022413	-0.07463	2.787668587	3.150999813	2.22883404	2.086213402	1.143840766	1.098994575
ENSMUSG00000079466.2	Pdm12i	-1.33875	0.206843	-3.42469	0.003846	0.061912	-1.7965	0.590367147	1.180544089	0.88691447	-0.567790743	-0.402127603	-0.446852208
ENSMUSG000000103928.1	Gms37893	-1.33849	-0.14148	-2.2754	0.003826	0.205896	-3.57236	1.122439248	0.058553564	0.1045059	0.298942726	-0.402127603	-1.234902871
ENSMUSG000000502772.9	Dscam	-1.33841	0.13221	-3.15727	0.006626	0.08574	-2.22757	0.487273654	1.328642728	0.67010308	-0.954813866	-0.188027997	-0.549954701
ENSMUSG000000104469.1	Gm37663	-1.33795	-0.14589	-2.97128	0.009659	0.104187	-1.539	0.487273654	0.219018236	0.74605193	-0.131691629	-1.13909319	-1.056905689
ENSMUSG00000096010.2	Hist4h4	-1.3368	1.309238	-2.96604	0.009761	0.104875	-2.54808	2.30224176	2.414034219	1.24200942	1.534570974	-0.522421837	0.884991356
ENSMUSG000000054863.8	Fam19a5	-1.33585	0.222732	-3.08702	0.007641	0.092209	-2.33134	0.590367147	1.397355478	0.67010308	-0.262936162	-0.001589673	-1.056905689
ENSMUSG00000023972.9	Ptk7	-1.33532	3.271629	-5.43999	7.27E-05	0.009286	-1.838054	3.897293078	4.474916461	3.45500315	2.876127876	2.71556744	2.210866635
ENSMUSG00000068130.11	Zfp442	-1.33477	0.369932	-2.84996	0.012334	0.120323	-2.70482	0.941839517	1.180544089	0.88691447	0.099633918	0.508605059	-1.397942607
ENSMUSG000000009091.15	Mmp11	-1.33159	0.549971	-3.41993	0.003883	0.062178	-1.76758	1.709666075	1.256492942	0.74605193	-0.131691629	-0.402127603	0.121431552
ENSMUSG00000026883.17	Dab2ip	-1.32754	2.939011	-5.45465	7.07E-05	0.009244	1.882504	3.57158994	3.758993282	3.40901694	3.024226515	1.77419517	2.096046233
ENSMUSG00000043290.6	Zfp784	-1.32592	0.16535	-2.74279	0.015291	0.13661	-2.876	1.224239248	0.725978225	0.50504383	0.298942726	-1.586552174	-0.175550186
ENSMUSG00000026347.13	Tmem163	-1.32407	0.57858	-3.15791	0.006617	0.085711	-2.19898	1.565276166	1.585800567	0.67010308	-0.567790743	0.568726051	-0.350636892
ENSMUSG00000027797.15	Dcl1k	-1.32289	2.900678	-5.66961	4.76E-05	0.008412	2.259633	3.411866251	4.031786655	3.24855227	2.639367164	1.942700894	2.129795025
ENSMUSG000000102142.1	Gm26930	-1.32228	0.675077	-3.50844	0.003243	0.055858	-1.60977	1.266975003	0.925287033	1.65047427	0.630148634	-0.091787482	-0.350636892
ENSMUSG00000022464.13	Slc38a4	-1.32149	1.153796	-4.14481	0.000895	0.028111	-0.48693	1.663123489	2.274871471	1.5267389	0.70229842	0.445869304	0.309876641
ENSMUSG00000036617.16	Et14	-1.32136	1.440397	-3.73389	0.00205	0.042346	-1.19005	2.552565114	2.274871471	1.48301752	0.899335267	1.182834898	0.249755649
ENSMUSG000000150293.1	Gm42843	-1.32087	-0.11451	-3.08868	0.007615	0.092209	-2.35782	0.376424341	0.725978225	0.58993273	-1.195821966	-0.522421837	-0.660977013
ENSMUSG00000037003.15	Tns2	-1.31999	0.655211	-3.6574	0.002395	0.046328	-1.36423	1.347095996	1.462943811	1.13307505	0.389140535	-0.522421837	0.121431552
ENSMUSG000000045219.7	Hunk	-1.31992	2.216552	-4.24148	0.007737	0.0253	-0.28808	0.376424341	3.593142542	2.33101443	1.974103035	1.220802748	1.134633784
ENSMUSG00000071064.13	Zfp827	-1.31716	2.80384	-5.13257	0.00013	0.01114	3.132974	3.439745284	3.822839764	3.08270153	2.620870821	2.266890163	1.15989456
ENSMUSG00000031290.14	Lrch2	-1.31568	2.068191	-5.32079	0.00985	0.162408	-1.62408	2.6270203915	3.04790632	2.9407271	1.754137352	1.220802748	1.265022405
ENSMUSG00000006720.16	Zfp184	-1.31331	0.673827	-3.15225	0.006694	0.085955	-2.20568	1.158650906	1.52679575	1.18857017	0.70229842	0.380280962	-0.91251578
ENSMUSG00000024598.8	Fbn2	-1.313	4.800936	-5.2284	0.00108	0.010484	1.287996	5.37082066	5.93813692	5.01715577	4.858474011	3.945383053	3.675306375
ENSMUSG00000031673.5	Sca1	-1.31284	3.481645	-6.24178	1.71E-05	0.005836	3.25293	3.985051584	4.567280479	3.848667	3.257635752	2.57068027	2.655168729
ENSMUSG00000035236.17	Scal	-1.31226	2.818391	-5.55703	5.85E-05	0.008819	2.064659	3.97722069	3.405718951	3.4995687	2.891640875	1.965243463	1.150449233
ENSMUSG00000025104.13	Hdgf3	-1.31113	2.875162	-6.03335	2.47E-05	0.006757	2.878914	3.771305141	3.607715344	3.19535933	2.620870821	1.942700894	2.113019312
ENSMUSG00000025529.14	Zfp711	-1.30966	1.176773	-4.01636	0.001158	0.01338	-0.7046	1.460306606	2.160915282	1.83568914	1.017171757	0.163469573	0.423087252
ENSMUSG000000053936.6	Aldh5a1	-1.30889	0.763272	-3.19487	0.006138	0.081889	-2.13267	1.460306606	0.829071718	1.80049971	0.95495266	-0.522421837	0.2072718802
ENSMUSG000000063681.14	Crb1	-1.30855	-0.10115	-2.83863	0.012618	0.122107	-2.73783	0.487273654	1.180544089	1.1045059	-1.195821966	-0.402127603	-0.781271247
ENSMUSG00000045215.216	Asx3	-1.30841	3.043087	-4.83898	0.002227	0.014674	0.7579	3.814535193	3.976715272	3.23543677	3.038233373	2.421621757	1.771982914
ENSMUSG00000074480.4	Mex3a	-1.30795	1.414616	-5.17427	0.00012	0.010705	1.25333	4.57197688	5.335225378	4.30300065	4.034744837	2.937009782	3.505738432
ENSMUSG00000035357.16	Pdzr3	-1.30688	1.791443	-4.02504	0.001138	0.01338	-0.66949	2.500570476	2.95977541	1.77004605	1.534570974	1.257796956	1.6259940135
ENSMUSG000000108563.1	Gm44686	-1.30581	0.220006	-2.88031	0.011604	0.115859	-6.591	1.663123489	0.219018236	0.67010308	-0.262936162	-0.188002798	-0.781271247
ENSMUSG00000063430.9	Wscd2	-1.30532	0.381123	-3.07137	0.007888	0.093823	-2.34802	1.286975003	1.585800567	1.18630701	-0.262936162	-0.29109629	-0.350636892
ENSMUSG000000009948.16	Gm38393	-1.30524	1.741878	-4.75679	0.00267	0.015701	0.627364	1.961204842	2.712557709	2.49407271	1.17763643	1.220802748	0.884991356
ENSMUSG000000032609.13	Cadm3	-1.30254	1.438201	-4.40912	0.000528	0.021091	-0.00287	1.999172692	2.346130154	1.96844435	0.899335267	0.311568212	1.104557373
ENSMUSG0000002174.14	Cenpk	-1.30202	0.187927	-3.08737	0.007636	0.092209	-2.33283	0.686582462	1.015484842	0.74605193	0.298942726	-0.958520951	-0.660977013
ENSMUSG000000104118.1	Gms37298	-1.30048	1.108748	-3.15071	0.006715	0.085977	-2.2133	1.460306606	1.180544089	2.426434	1.367114228	-0.091787482	0.309876641
ENSMUSG00000040254.11	Sema3d	-1.29917	0.216035	-2.89456	0.011276	0.113704	-2.63672	1.404811494	0.829071718	1.18857017	-0.011397395	-0.188002798	-1.056905689
ENSMUSG00000029595.9	Lhx5	-1.29908	1.022542	-3.54066	0.003077	0.05369	-1.53593	1.709666075	2.199909414	1.31630701	0.099633918	0.884753548	0.249755649
ENSMUSG00000033565.16	Rbfxf2	-1.29842	4.504431	-6.5671	9.73E-06	0.004774	3.711749	5.07446082	5.527596778	4.82478437	4.358766886	3.67853006	3.526445537
ENSMUSG00000031738.16	Aff3	-1.29726	2.550849	-4.71989	0.00287	0.016293	-5.74863	3.116090444	3.47093661	2.92825526	2.524655505	2.030813104	1.234252608
ENSMUSG00000001864.13	Aif1f	-1.29214	-0.01943	-2.31131	0.035715	0.201284	-3.52498	0.376424341	1.699011178	-0.14703287	0.202724171	-1.586552174	-0.660977013
ENSMUSG00000029636.10	Waf3f	-1.29096	1.661195	-4.87036	0.00214	0.014141	0.813125	2.175329648	2.629302206	2.11886119	1.227389465	0.931296131	0.884991356
ENSMUSG00000038777.19	Sema6c	-1.29095	2.784803	-5.8895	3.19E-05	0.00726	2.63433	3.116090444	3.79763921	3.38546221	2.11293074	2.421621757	1.875075887
ENSMUSG00000041605.16	5730559C18R	-1.29012	0.714803	-2.76012	0.01477	0.133664	-2.85814	1.347095996	1.752450437	0.95250281	-1.126106129	-1.13909319	0.249755649
ENSMUSG00000074793.10	Hspa12b	-1.29004	0.678709	-3.40967	0.003965	0.062816	-1.77504	0.776780271	1.853733772	1.39138705	-0.011397395	-0.188002798	0.249755649
ENSMUSG000000074415.10	3110039108R1	-1.2882	3.415986	-5.94986	2.86E-05	0.006901	2.727803	3.88704261	3.96544416	4.20548355	3.458488581	2.590640828	2.388653745
ENSMUSG000000097709.7	2810429104R1	-1.28691	-0.02928	-2.67889	0.017369	0.146735	-0.97723	0.686582462	0.725978225	0.31863071	0.099633918	-0.402127603	-1.604393485
ENSMUSG00000024420.8	Zfp521	-1.28643	3.100279	-5.65326	4.90E-05	0.008542	2.260599	3.749194439	3.954084298	3.46627426	2.952076729	2.564713245	1.933571536
ENSMUSG00000029168.14	Dpys15	-1.28562	3.394783	-5.57189	5.69E-05	0.008819	2.064409	4.049798765	4.514122543	3.53406865	3.106279648	2.675175395	2.469953857
ENSMUSG00000036885.14	Arhgef26	-1.28556	1.13839	-3.10396	0.007383	0.090726	-2.2957	1.663123489	2.07961518	1.56917417	1.410835606	-0.36566637	0.761255988
ENSMUSG00000032850.16	Rnr7c	-1.28452	0.986557	-3.81915	0.001725	0.03864	-1.05935	1.224239248	1.56917417	0.474029432	0.163469573	0.367592139	0.367592139
ENSMUSG00000028212.16													

ENSMUSG0000028519.16	Dab1	-1.2342	0.087268	-2.90357	0.011073	0.11248	-2.6276	1.089938156	0.829071718	0.21553721	-0.262936162	-0.798056279	-0.549945701
ENSMUSG0000086968.8	4933431E2ORI	-1.23404	-0.19182	-2.32647	0.034686	0.199707	-3.49781	0.255948108	1.10037374	-0.14703287	0.202727411	-0.958520951	-1.604393485
ENSMUSG0000020875.9	Hoxb9	-1.23338	2.566282	-3.87889	0.001528	0.036222	-1.00188	3.339716465	3.732641955	2.47187697	2.563914936	1.77419517	1.15134576
ENSMUSG00000405581.1	Gm12786	-1.23188	0.302352	-2.39884	0.030149	0.18787	-3.41059	1.224239248	1.525679575	-0.01578833	0.389140535	-0.091787482	-1.217370362
ENSMUSG0000008649.6	Rim1b3	-1.23186	3.38066	-5.14878	0.001216	0.110114	1.296007	4.120403437	3.859833972	3.88271448	3.468867727	-0.805765249	2.146377909
ENSMUSG0000022367.7	Has2	-1.23181	0.706599	-3.19778	0.006102	0.081642	-2.12888	1.798475342	1.462943819	0.81820172	-0.407326071	0.380280962	0.187018993
ENSMUSG00000089774.2	Sic3a3	-1.23169	2.501442	-3.29624	0.004995	0.072879	-2.10279	3.453485334	3.337412937	2.44933344	3.065848604	1.429749368	1.262022405
ENSMUSG0000025577.7	Cbx2	-1.23163	2.44753	-4.54997	0.0004	0.018566	0.628622	3.199991702	3.533333147	2.49407271	2.139162282	1.61222769	1.706394053
ENSMUSG0000041722.11	Tox	-1.23155	0.759345	-3.1548	0.006659	0.085817	-2.2003	0.779680271	1.853733772	1.43792963	0.771011107	-0.188002798	-0.095379837
ENSMUSG0000044807.13	Zfp354c	-1.23138	1.901602	-3.74553	0.002003	0.042282	-1.18639	2.390597634	3.004513725	2.090006333	2.031246943	1.228027478	0.672446721
ENSMUSG00000069171.1	Nr2f1	-1.23066	3.785611	-5.01085	0.001663	0.012385	0.9897	4.328575908	4.695604576	4.11528574	3.597411848	3.502707024	2.45671803
ENSMUSG0000030352.14	Tspan9	-1.23062	1.687595	-4.63994	0.000335	0.017796	0.420319	2.390597634	2.571003565	2.03050532	0.836599512	1.062540664	1.234325608
ENSMUSG0000049907.8	Ras11b	-1.23042	0.121119	-2.44291	0.027668	0.18028	-3.3356	0.124703574	1.397355478	0.58993273	0.630148634	-0.958520951	-1.056905689
ENSMUSG0000085246.1	Gm15893	-1.22981	0.269301	-2.70777	0.016398	0.142241	-2.93054	0.686582462	1.328642728	0.58993273	-0.011397395	0.239418426	-1.217370362
ENSMUSG0000020135.13	Apc2	-1.22921	4.335832	-6.62493	8.82E-06	0.004774	3.820046	4.884670994	5.395257012	4.58218323	3.955771213	3.465768861	3.73134041
ENSMUSG0000034799.16	Unc13a	-1.22914	2.255161	-3.17904	0.006339	0.083118	-2.28344	2.500570476	3.337412937	2.67981823	2.031246943	2.453862094	0.528056811
ENSMUSG0000024534.15	Sncap	-1.22886	0.689938	-3.15081	0.006713	0.085977	-2.20788	1.347095996	1.853733772	0.81820172	0.099633169	-0.401272603	0.423087252
ENSMUSG0000029436.9	Mmp17	-1.22815	-0.27186	-2.82174	0.013054	0.124854	-2.77356	0.124703574	0.494652679	0.41484602	-0.954813866	-0.798056279	-0.91251578
ENSMUSG0000049804.9	Armcx4	-1.22802	3.900997	-4.99377	0.001619	0.012548	0.941295	4.723907998	4.806673973	3.95650474	3.895493201	3.108834316	2.919168471
ENSMUSG0000032012.7	Nectin1	-1.22714	2.472093	-4.00357	0.001188	0.031763	-0.75434	2.830418235	3.664577681	2.75527046	2.54441876	1.182834898	1.585038134
ENSMUSG0000040258.1	Nxph4	-1.22646	0.514888	-2.68395	0.017195	0.146277	-2.97351	1.089938156	2.120837843	0.31863071	-0.262936162	-0.001589673	-1.175505186
ENSMUSG0000037709.13	Fam13a	-1.22471	-0.01279	-2.20537	0.043743	0.214017	-3.67856	1.347095996	0.725978225	-0.29142278	0.389140535	-1.586552174	-0.660977013
ENSMUSG0000033291.8	Crabp1	-1.22377	3.011026	-4.98482	0.000172	0.012592	1.030299	3.397722069	4.242553751	3.24855227	2.675663294	2.371868722	1.291979505
ENSMUSG0000034818.16	Celf5	-1.22298	0.084446	-2.64928	0.018423	0.151573	-3.02107	0.487273654	1.015484842	0.50504383	-0.011397395	-0.991787482	-1.397942607
ENSMUSG0000031342.17	Gpm6b	-1.22071	2.997573	-6.66395	8.26E-06	0.004774	3.818036	3.558934639	3.758993282	3.48855571	2.6934757	2.156388552	2.331791418
ENSMUSG0000048078.5	Temn4	-1.2199	3.806501	-4.74874	0.000271	0.015809	0.489198	4.654227089	4.850673973	3.74142048	3.56874809	3.229479235	2.798454606
ENSMUSG0000041741.10	Pde3a	-1.21925	1.083601	-3.93655	0.00136	0.034272	-0.84952	1.0615029201	1.803980737	1.65047247	0.771011107	0.083299224	0.577809846
ENSMUSG0000014303.13	Gli3	-1.21863	2.514309	-3.95319	0.001315	0.033365	-0.85477	0.36330303	3.593142542	2.66032206	2.484297768	2.113887544	1.170902208
ENSMUSG0000062312.5	Erb2	-1.21838	2.048786	-4.01983	0.00115	0.013138	-0.68907	2.809201749	2.936875008	2.17489523	2.002957898	1.523871816	0.84913917
ENSMUSG0000048385.8	Scri1	-1.21766	2.140492	-3.888	0.0015	0.039595	-0.93911	2.473853138	3.517985183	2.426434	1.017171757	1.493135018	1.153537828
ENSMUSG0000078878.9	Gm14305	-1.21765	0.075808	-2.63055	0.019121	0.153734	-0.04978	0.7767800271	0.219018236	0.952510267	0.202727411	-1.345540075	-0.350636892
ENSMUSG0000030410.7	Elav3	-1.21716	3.195304	-4.23495	0.000747	0.025405	-0.40718	3.176739589	4.58211552	3.15413668	2.876127876	2.500910667	2.331791418
ENSMUSG0000027220.2	Syt13	-1.21759	0.557368	-2.97813	0.009526	0.103577	-2.49572	1.158650906	1.699011178	0.74605193	-0.567790743	0.568726051	-0.260439084
ENSMUSG0000048251.15	Bcl11b	-1.21716	1.8871	-3.46376	0.003551	0.058821	-1.70486	2.577876203	3.228478566	1.76443046	1.611532956	0.786996222	1.33537828
ENSMUSG00000104145.1	D130019J16RI	-1.21654	0.52793	-2.9115	0.010897	0.111729	-2.60495	1.089938156	1.328642728	0.59250281	0.70229842	-0.958520951	0.052718802
ENSMUSG0000037071.2	Scd1	-1.21611	2.194396	-3.83858	0.001658	0.03778	-1.06675	2.871937504	3.371970159	2.2021167	2.086213406	1.020105398	1.614030034
ENSMUSG0000027223.15	Mapk8ip1	-1.21294	2.325373	-3.91761	0.014143	0.034545	-0.90904	3.027006901	3.607715344	2.22883404	1.852541502	1.799506258	0.546633784
ENSMUSG0000045179.9	Sox3	-1.21263	1.191413	-4.10912	0.000961	0.028977	-0.5432	1.89010608	1.993458536	1.56917417	0.771011107	0.445869304	0.528056811
ENSMUSG0000025001.11	Hells	-1.20962	3.20538	-5.70697	4.44E-05	0.008335	-2.31516	3.927143006	3.678449855	3.73211274	3.245613223	2.302744362	2.36218488
ENSMUSG0000061615.2	Hist1h2ab	-1.20913	2.189177	-3.23522	0.006565	0.078474	-2.16808	2.698170436	3.38943238	2.25065558	2.620870821	0.735375921	1.436633784
ENSMUSG0000097242.1	Gm16907	-1.20889	3.39057	-3.16656	0.005602	0.084626	-2.19262	1.089938156	0.614946913	1.18857017	0.202727411	-0.401272603	-0.350636892
ENSMUSG0000007207.10	Six1a	-1.20886	0.670002	-3.5161	0.003192	0.051414	-1.97919	1.089938156	1.256492942	1.43792963	0.099633169	0.311568212	-1.175505186
ENSMUSG0000021318.15	Gli3	-1.20866	3.555559	-4.80914	0.00241	0.014998	0.638862	4.477219989	4.175661867	3.74142048	3.643954434	2.878828711	2.416265986
ENSMUSG0000049916.9	2610318NO2R	-1.20567	0.698489	-2.95901	0.020516	0.158008	-3.12748	1.513745865	1.462943819	0.81820172	0.771011107	0.681936662	-1.05905689
ENSMUSG0000018427.7	Ypel2	-1.2052	0.974001	-3.25007	0.005487	0.076935	-0.03794	1.286975003	1.643516065	1.80049971	0.630148634	-0.401272603	-0.884991356
ENSMUSG0000042078.14	Svop	-1.20422	0.421597	-2.8352	0.012706	0.122484	-2.72843	1.089938156	1.462943819	0.67010308	-0.567790743	-0.65366627	-0.528056811
ENSMUSG0000038765.13	Lmx1b	-1.20349	0.382873	-3.01459	0.008849	0.099056	-2.43929	0.681669169	0.494652679	1.48301752	0.096633918	-0.29109639	-0.350636892
ENSMUSG0000068270.15	Shroom4	-1.2026	1.375413	-3.23397	0.005669	0.078512	-0.08127	1.961204842	1.699011178	2.06056255	1.825540556	0.626441549	0.052718802
ENSMUSG0000029121.5	Crm1p	-1.20175	3.840663	-4.63679	0.003367	0.017814	0.628891	4.218312937	5.148510261	3.89641556	3.625517186	3.187635884	2.89737941
ENSMUSG0000026675.12	Hsd1b7	-1.20128	2.003655	-4.32287	0.006627	0.023298	-0.13218	2.14886679	3.170763068	2.2808267	1.573565106	1.062540664	1.15134576
ENSMUSG0000026915.16	Strp1	-1.2002	3.718887	-5.7351	4.22E-05	0.008091	2.326451	4.290806865	4.521837508	4.07903521	3.766811182	2.86905544	2.787292398
ENSMUSG0000032135.14	Mcam	-1.20016	0.673427	-3.20615	0.005999	0.080764	-2.11556	1.404811494	1.643516065	0.81820172	-0.011397395	0.445869304	-0.260439084
ENSMUSG0000073805.4	Fam196a	-1.2	0.125576	-2.81402	0.013258	0.125817	-2.7656	0.776800271	0.925287033	2.41846602	0.202727411	-0.65366637	-0.91251578
ENSMUSG0000070643.11	Sox13	-1.19877	1.773711	-4.27327	0.000692	0.024199	-2.21278	2.446631669	2.380481659	2.2021167	1.719785847	1.220802748	0.672446721
ENSMUSG0000027298.17	Tyro3	-1.19835	1.32898	-3.63167	0.002524	0.047898	-1.37164	1.922210711	2.199909414	1.61039683	1.453270872	0.311568212	1.453270872
ENSMUSG0000027574.1	Nkain4	-1.19803	-0.02549	-2.4793	0.025767	0.17605	-3.27756	0.25948108	1.10037374	0.31863071	0.298942726	-1.345544075	-0.781271247
ENSMUSG0000010175.13	Prox1	-1.1973	1.584516	-3.8782	0.001531	0.036222	-0.93227	2.107425583	2.816580774	1.72743625	0.836599512	1.020105398	0.998947545
ENSMUSG0000032101.6	Dlx25	-1.1965	-0.04715	-2.67946	0.01735	0.1467	-2.97678	0.590367147	1.015484842	1.0405091	0.407326071	-1.139093197	-0.446852208
ENSMUSG0000087620.7	S330434G04R	-1.19619	0.68989	-3.01003	0.008931	0.099585	-2.44308	1.089938156	1.397355478	1.29353973	0.95945626	-0.65366637	0.052718802
ENSMUSG0000060510.13	Zfp266	-1.19576	4.052442	-5.45001	7.13E-05	0.009244	1.774496	4.811870936	4.722634782	4.34634608	4.174466915	3.108834316	3.150490417
ENSMUSG0000032064.11	Dlx1c1	-1.19477	1.878957	-3.33506	0.004615	0.06951	-1.9419	2.47					

ENSMUSG00000041147.10	Brc2a	-1.14724	2.693387	-4.23382	0.000749	0.025405	-0.34391	3.06330303	3.319818877	3.2998535	3.010082333	1.61222769	1.855038134
ENSMUSG000000107947.1	Gm44438	-1.14723	-0.04125	-2.25977	0.039431	0.208097	-3.59912	0.590367147	1.015484842	-0.01578833	0.298942726	-1.58552174	-0.549945701
ENSMUSG00000035610.14	Slc1a3	-1.1463	0.954573	-3.44214	0.003711	0.060365	-1.70738	1.565276166	1.752450437	1.29353973	0.630148626	-0.09178742	0.577809846
ENSMUSG00000051817.8	Sox12	-1.1453	0.101423	-4.59777	0.000364	0.01826	0.309086	3.546167343	4.195092397	3.06798002	2.639361764	2.21140405	2.240525292
ENSMUSG00000035551.6	Igf1bp1	-1.1441	2.991191	-4.21417	0.000779	0.02597	-0.41785	3.546167343	4.155966066	3.08270153	2.544418766	1.872789445	2.745015347
ENSMUSG00000031302.16	Nlgn3	-1.14327	0.089007	-2.55815	0.022066	0.163863	-3.16033	1.08938156	0.725978225	0.21553721	-0.262936162	-1.139093197	-0.095379837
ENSMUSG00000028763.17	Hsp2e	-1.14148	0.061674	-4.88769	0.000207	0.014101	0.718777	4.456900005	5.343955783	4.13660674	3.56874809	3.557642552	3.063191594
ENSMUSG00000062444.14	Ap3b2	-1.14018	1.485534	-3.09151	0.005752	0.091786	-3.44244	1.798475342	2.510249534	1.80049971	1.227389465	1.523871816	0.052718802
ENSMUSG00000033768.16	Nrxn2	-1.13828	1.915547	-4.50975	0.000433	0.019425	0.203889	2.55265114	2.17489523	1.7489523	1.275483753	1.5539290	1.170902002
ENSMUSG0000002568.16	Cnkr2	-1.13725	1.404752	-3.85451	0.001606	0.037213	-0.97557	1.798475342	2.120837843	1.96844405	1.275483753	0.380280962	0.884991356
ENSMUSG00000026039.9	Sgo2a	-1.13685	0.568755	-2.65112	0.018355	0.151219	-0.30296	1.08938156	1.015484842	1.13307505	1.126106129	-0.29109629	-0.660977101
ENSMUSG00000102336.1	Gm37233	-1.13559	0.335577	-2.83657	0.012671	0.122354	-2.72645	0.686582462	1.462943819	0.67010308	-0.567790743	-0.29109629	0.052718802
ENSMUSG00000044452.10	Zfp507	-1.13557	2.142309	-4.23304	0.00075	0.025405	-0.30095	2.698170436	2.913605228	2.4493344	2.139162282	1.583372827	1.070206228
ENSMUSG00000035413.8	Tmem98	-1.13524	0.891317	-3.08704	0.007641	0.092209	-2.31625	1.404811494	1.256492942	1.56917417	0.95945626	0.508605059	-0.350636829
ENSMUSG00000037736.18	Limch1	-1.13499	2.540083	-3.55878	0.002927	0.052791	-1.60997	2.951554672	3.607715344	2.71803755	2.876127876	1.29386621	1.79319888
ENSMUSG00000057880.12	Abat	-1.13494	1.963759	-3.46431	0.003547	0.058821	-1.71265	2.500570476	3.110642075	1.99980852	2.002957898	0.786906222	1.381667324
ENSMUSG00000030386.17	Zfp606	-1.13467	2.455357	-4.47838	0.00046	0.020627	0.134939	2.932058497	2.95977541	0.50310675	2.602134258	1.748432074	1.436633784
ENSMUSG00000024011.16	Pi16	-1.13449	0.029783	-2.68463	0.017172	0.146277	-0.96739	0.861669169	0.219018236	0.67010308	-0.262936162	-0.958520951	-0.350636829
ENSMUSG00000026211.17	Obsl1	-1.13396	2.884538	-3.9122	0.001429	0.034672	-0.98392	3.30981498	3.976715272	3.03807854	2.69347457	2.675115396	1.614030034
ENSMUSG00000038331.15	Satb2	-1.13361	1.165268	-3.56367	0.002898	0.052591	-1.49232	1.615029201	1.993458536	1.56917417	1.07266687	0.163469573	0.577809846
ENSMUSG0000002623.15	Shank3	-1.13284	1.190702	-3.17182	0.006433	0.084033	-1.80205	1.347095996	2.380481659	1.5267389	1.227389465	0.234781826	0.423067252
ENSMUSG00000053671.11	Sl13pdx2a	-1.13272	3.230394	-5.46337	6.96E-05	0.009244	1.881639	3.749194439	4.155966066	3.477458	3.065845604	2.394831945	2.490666697
ENSMUSG00000038236.8	Hoxa7	-1.13242	0.021051	-2.54458	0.022664	0.166012	-1.80203	1.107788371	0.614946913	1.040559	-0.262936162	-0.29109629	-0.056095689
ENSMUSG00000025558.15	Docx9	-1.13125	1.226601	-3.32905	0.004672	0.070051	-1.90536	1.961204842	1.993458536	1.39138705	1.322026339	0.163469573	-0.50256811
ENSMUSG00000030268.17	Bcat1	-1.13113	2.196722	-4.01561	0.00116	0.031378	-0.70696	2.651249389	3.02007601	2.33101443	2.11293074	1.429749638	1.35337828
ENSMUSG00000030350.8	Prrm18	-1.13071	0.844231	-2.97536	0.009579	0.103779	-2.50451	1.347095996	1.525679575	1.24200942	1.017171757	0.380280962	-0.446852020
ENSMUSG00000022203.6	Efs	-1.13057	1.836855	-3.99279	0.001214	0.032203	-0.72962	2.46631669	2.712557709	0.20305032	1.534570974	1.493175018	0.803691254
ENSMUSG00000042258.13	Isl1	-1.12853	1.883613	-3.35887	0.004397	0.067181	-1.89913	3.170763068	1.83568914	1.852541056	0.97834002	1.078537284	1.078537284
ENSMUSG00000048812.10	Lorrf2	-1.12761	0.630509	-2.92983	0.010502	0.109327	-2.57564	0.861669169	1.901828061	0.88691447	-0.011397395	0.239418426	-0.095379837
ENSMUSG00000086296.2	D030055H07R	-1.1269	0.079691	-2.74947	0.015088	0.135634	-2.86689	0.861669169	0.829071718	0.31863071	-0.748362989	-0.522418267	-0.260439084
ENSMUSG00000032744.4	Heyl	-1.12576	0.978102	-2.71312	0.016224	0.141185	-2.95426	1.286975003	2.414034219	1.01523856	0.77011117	-0.29109629	0.672446721
ENSMUSG00000031523.16	Dlc1	-1.12531	2.583297	-4.57981	0.000377	0.018298	0.314827	3.30981498	3.578421037	2.6405588	1.944659258	1.896530713	2.12795025
ENSMUSG00000100252.6	Mir124-2hg	-1.12509	3.10717	-5.29024	9.61E-05	0.010239	1.57901	3.946705272	3.84760767	3.22220094	2.779374643	2.500910667	2.346218488
ENSMUSG00000037933.13	Pcdhga6	-1.12245	-0.36522	-2.14655	0.048898	0.221375	-7.444	-0.360723253	0.494652679	0.31863071	0.099633918	-1.139093197	-1.604393485
ENSMUSG00000003073.17	Car11	-1.12207	0.037341	-2.76344	0.014672	0.133118	-2.84632	0.590367147	0.725978225	0.50504383	-0.748362989	-0.081802798	-0.6609977013
ENSMUSG00000018417.14	Myo1b	-1.12201	3.875419	-7.15193	3.67E-06	0.004108	4.702845	4.267661528	4.681897157	3.40423296	3.587920399	3.216111053	3.15869117
ENSMUSG00000051586.14	Mical3	-1.12132	3.032874	-5.78771	3.84E-05	0.008043	2.461776	3.57158994	3.678449855	3.477458	2.812531965	2.561346521	2.090640623
ENSMUSG00000030796.15	Tea2d	-1.12061	3.543493	-4.5302	0.00416	0.018974	0.10713	1.417713372	4.60408592	3.52134654	3.426895457	2.842759456	2.678160372
ENSMUSG00000099542.11	Rps2-ps6	-1.12026	1.274235	-3.23566	0.00565	0.078474	-0.07216	1.565726166	2.237877264	1.6894864	0.70229842	1.329055639	1.012431552
ENSMUSG00000020341.8	Ncan	-1.11839	3.581361	-3.84855	0.001625	0.037299	-1.22917	3.846128318	4.632868821	3.91597693	3.783582628	2.192420947	3.112731563
ENSMUSG00000042750.7	Bex2	-1.11821	0.936835	-2.77563	0.014318	0.131231	-2.84602	1.70666075	2.199909414	0.67010308	0.474029432	0.445869304	0.1012431552
ENSMUSG00000017386.10	Traf4	-1.11755	2.62162	-4.385	0.000554	0.021658	-0.50141	3.183597264	3.622142414	2.75527046	2.484297768	1.640516735	2.043894951
ENSMUSG00000042978.10	Sbk1	-1.1167	4.155177	-4.82263	0.000235	0.014889	0.581318	4.806527614	5.263412356	4.10089465	3.848572153	3.247036134	3.5869505
ENSMUSG00000030592.16	Ryr1	-1.11629	1.183456	-3.77808	0.000175	0.040638	-1.11688	1.615029201	1.993458536	1.61039683	0.836599512	0.568726051	0.476526511
ENSMUSG00000027546.15	Atp9a	-1.11582	2.169031	-5.092	0.00181	0.011551	1.2406	2.674900657	2.765506895	2.69905445	1.852541056	1.640516735	1.381667324
ENSMUSG00000015599.8	Tbt1	-1.11555	0.90059	-2.23301	0.041499	0.2115	-3.72509	1.999172692	2.120837843	0.50504383	-0.748362989	1.103763327	0.423087252
ENSMUSG00000091383.1	Hist1h2al	-1.11325	1.518613	-3.62029	0.002583	0.048607	-1.39552	2.175329648	2.274871471	1.72743625	1.367114288	1.143840766	0.423087252
ENSMUSG00000102918.11	Pcdhgc3	-1.1128	1.346511	-3.8341	0.01673	0.03806	-1.01302	1.798475342	2.310940726	1.65047427	0.77011107	0.786906222	0.761255988
ENSMUSG00000041842.15	Fhdci1	-1.11247	0.833434	-2.69294	0.001689	0.144822	-2.97679	3.174095996	1.699011178	1.01523856	1.17763643	1.01523856	-0.549945701
ENSMUSG00000028370.7	Pappa	-1.11121	0.384687	-2.34534	0.033445	0.196453	-3.49809	0.686820642	1.397355478	0.67010308	0.202727411	0.568726051	-1.217370362
ENSMUSG00000042439.12	Zfp532	-1.11186	3.701406	-5.32079	9.08E-05	0.009985	1.576847	4.40069366	4.35046909	3.89944156	3.383665405	3.147540581	2.66710351
ENSMUSG00000031949.17	Adat1	-1.1114	0.696078	-2.96684	0.009746	0.104827	-2.51523	1.286975003	1.10037374	1.24200942	0.899335267	-0.001589673	-0.350636829
ENSMUSG00000021699.17	Pde4d	-1.11039	1.597431	-3.18408	0.006275	0.082773	-1.8872	2.07236155	2.765506895	1.65047427	1.611532966	0.82080962	1.104557733
ENSMUSG00000048960.13	Prex2	-1.10917	1.546762	-3.7863	0.001844	0.040147	-1.09722	2.361742772	2.380481659	1.61039683	1.07266687	0.931296131	0.923985488
ENSMUSG00000052957.7	Gas1	-1.10872	3.593525	-5.32585	8.99E-05	0.009985	1.597968	4.103073559	4.434615096	3.86579117	3.606841261	2.741918767	2.808908963
ENSMUSG00000029673.17	Aut5	-1.1086	4.518853	-4.84501	0.000225	0.014573	0.580984	4.996828752	5.456920032	4.73444531	4.324885999	4.246482989	3.335411733
ENSMUSG00000042155.3	Klhl23	-1.10764	1.269264	-3.12054	0.007139	0.089222	-2.27528	1.615029201	1.752450437	1.93638314	1.494493535	0.836659257	-0.01949804
ENSMUSG00000028289.13	Epha7	-1.10721	3.332451	-3.87916	0.001528	0.036222	-1.12459	3.927143006	3.79763921	3.78079792	3.187912736	1.808839142	1.894839142
ENSMUSG00000015217.11	Hmbg3	-1.10692	2.863846	-4.4788	0.00046	0.020062	0.100672	3.657198655	3.63642664	2.97634955	2.71106863	1.799506262	2.402525292
ENSMUSG00000020646.16	Mboat2	-1.10631	1.413258	-3.53747	0.003057	0.05397	-1.54087	2.175329648	2.237877264	1.48301752	1.275483753	0.681903368	0.629504135
ENSMUSG00000028487.18	Bnc2	-1.10459	1.810759	-3.56295	0.002902</								

ENSMUSG00000034910.5	Pygo1	-1.07136	2.222778	-3.86061	0.001586	0.036884	-0.99954	2.577876203	2.95977541	2.6405588	2.463687488	1.429749638	1.265022405
ENSMUSG00000021198.16	Unc79	-1.07	1.617829	-2.23967	0.005604	0.07801	-2.09031	1.961204842	2.346130154	2.2021167	0.474029432	1.919800492	0.803691254
ENSMUSG00000005417.6	Gm9938	-1.06948	0.184117	-2.51143	0.024192	0.170977	-2.32375	0.861669169	0.925287033	0.1863071	0.202727411	-0.29159269	-0.91251578
ENSMUSG00000019230.14	Lhx9	-1.06927	1.87826	-3.39711	0.004068	0.064065	-1.82862	2.208119583	2.765506589	2.22883404	2.058991933	0.626441549	1.381667324
ENSMUSG00000036883.16	Sdk1	-1.06925	1.162552	-2.44611	0.027495	0.180155	-3.4203	1.404811494	2.765506589	1.01523856	0.554199971	1.182834888	0.202711802
ENSMUSG00000052852.7	Reep1	-1.0679	1.387402	-3.71361	0.002137	0.043572	-1.22614	1.922107111	2.274871471	1.6504727	0.630148634	0.884753545	0.961953338
ENSMUSG00000054423.3	Cadps	-1.0674	2.370832	-4.18708	0.000822	0.026487	-4.00052	1.890201749	3.502472184	2.4940721	1.719785847	1.82437807	1.075044937
ENSMUSG00000044647.16	Csrnp3	-1.06694	2.391278	-4.10567	0.000968	0.029048	-0.55513	2.721070838	3.228478566	2.79156659	2.442778498	1.329055639	1.83471815
ENSMUSG00000031391.18	L1cam	-1.06672	2.564998	-3.93618	0.001361	0.034272	-0.89373	3.232320309	3.650570823	2.51593215	1.820479846	2.268493308	1.894839142
ENSMUSG00000040852.5	Plekhh2	-1.06669	1.042826	-3.26905	0.005279	0.07552	-2.00596	1.709666075	1.948370647	1.13307505	0.474029432	0.568726051	0.423087252
ENSMUSG00000079259.2	Trin17	-1.06572	2.072771	-3.2154	0.035018	0.200218	-3.82417	2.012295242	3.388943238	1.83568914	2.62087821	2.009298624	2.462652511
ENSMUSG00000008575.17	Nfib	-1.06469	3.030158	-4.89063	0.000206	0.014093	0.853388	3.324843189	3.719283573	3.56393752	3.092939265	2.284933085	2.195012684
ENSMUSG00000034685.4	Fam171a2	-1.06336	2.304379	-4.32542	0.000624	0.023244	-0.13875	2.765809153	3.02007601	2.53746531	1.611532956	1.583372827	2.026083675
ENSMUSG000000013076.15	Amotl1	-1.06294	3.488122	-4.44354	0.000493	0.020558	-0.05216	4.103073559	4.418173949	3.52134564	3.32773999	3.088442528	2.469953857
ENSMUSG000000039607.15	Rbms3	-1.06287	1.857148	-3.66932	0.002338	0.045861	-1.3243	2.072236155	2.982317978	2.11886119	1.573565106	1.396959703	0.998947545
ENSMUSG00000040856.17	Dkl1	-1.06236	2.684414	-3.68631	0.002258	0.044897	-1.3882	3.354437971	3.745877783	2.55868179	2.583151155	2.113887544	1.750449233
ENSMUSG00000017499.15	Cdc6	-1.06175	1.809607	-4.07865	0.001022	0.030012	-0.57283	2.674900657	2.310940726	2.03055032	1.494493535	1.143840766	1.202961437
ENSMUSG00000014592.19	Camta1	-1.06167	2.824179	-5.77916	3.90E-05	0.008043	2.448116	3.279280612	3.486790561	3.2744309	2.524655505	2.26899162	2.113019312
ENSMUSG00000087535.1	Zmi21os1	-1.06092	0.229498	-2.44918	0.027331	0.180136	-3.33031	0.776780271	1.328642728	0.31863071	-0.954813866	0.083299224	-0.175550186
ENSMUSG00000059146.12	Ntrk3	-1.0607	2.393181	-2.99605	0.009187	0.100966	-2.64896	2.932058497	3.907728662	2.06056255	1.883905227	1.824380927	1.750449233
ENSMUSG00000028546.17	Elav4	-1.06069	3.068635	-4.07788	0.001023	0.030012	-0.69273	3.584135193	4.042553086	3.2220094	2.860462524	1.872879445	2.829593117
ENSMUSG00000070583.1	Fv1	-1.06035	0.090135	-2.47842	0.025811	0.176099	-2.82125	0.376242341	1.10037374	0.41484602	-0.131691629	-0.958520951	-0.260439084
ENSMUSG00000031626.16	Sorbs2	-1.05923	2.752838	-5.43091	7.39E-05	0.009355	1.846426	3.008510557	3.533333147	3.32483586	2.239564719	2.09356756	2.317218617
ENSMUSG00000043857.16	Mgat5b	-1.05758	1.60694	-3.42081	0.003876	0.062141	-1.76117	1.666123489	2.65759125	2.06056255	1.367114228	1.220807748	0.672404671
ENSMUSG00000088491.1	Gm11944	-1.05746	0.038444	-2.50367	0.024564	0.171946	-2.24212	0.376242341	1.015484842	0.31863071	-0.131691629	-0.798056279	-0.549945701
ENSMUSG0000004144.14	Arhgap32	-1.05487	3.091926	-3.41502	0.003922	0.026504	-1.98515	3.608903098	3.883980059	3.28455227	3.448031424	2.633496307	1.728589799
ENSMUSG00000020359.13	Phykp1	-1.05346	3.331923	-4.31843	0.000632	0.023239	-0.26967	3.814535193	4.207104	3.51049826	3.509653342	2.405227319	2.546915839
ENSMUSG00000034675.17	Dbn1	-1.05337	4.485833	-5.9593	2.82E-05	0.006901	-2.66388	5.065541502	5.290762844	4.66277353	4.347561341	3.83599457	1.71754525
ENSMUSG00000030315.15	Vgll4	-1.05222	2.750892	-5.2041	0.001113	0.010533	1.442743	3.369010772	3.302007601	3.14012981	2.563914936	1.827879445	2.257409221
ENSMUSG00000023092.16	Fhl1	-1.0514	1.4773	-3.0545	0.008162	0.095707	-2.40978	2.240180792	2.274871471	1.48301752	1.126106129	1.429749638	0.309876641
ENSMUSG00000027242.14	Wdr76	-1.05109	2.351847	-3.25172	0.005468	0.076896	-1.6378	2.809201749	3.19818877	2.47187697	2.675662394	1.062540664	1.771982394
ENSMUSG00000060572.17	Mifap2	-1.05104	1.51641	-3.18976	0.006203	0.082246	-1.71119	2.332298994	2.446824154	1.332026339	1.322026339	0.681936622	0.993858488
ENSMUSG00000040653.5	Ppp1r14c	-1.05008	0.403927	-2.32844	0.034555	0.199437	-3.52533	0.590367147	1.328642728	0.88691447	0.389140535	-1.139093197	0.367592139
ENSMUSG00000036466.4	Lum	-1.05004	0.583504	-2.6385	0.018821	0.152835	-3.05033	0.376242341	1.643516065	1.29353973	0.298942726	-0.091787487	-0.019430984
ENSMUSG00000037016.11	Frezn2	-1.04951	1.91019	-2.64846	0.018453	0.151728	-3.19487	2.418886679	3.337412937	1.56917417	1.944659258	1.429749638	0.216255988
ENSMUSG00000097023.8	Mirr9-3hg	-1.0494	1.444581	-3.12042	0.00714	0.089222	-2.28925	1.709666075	2.446824154	1.6894864	1.611532956	0.786906222	0.423087252
Hist1h2af		-1.04829	1.115498	-2.58082	0.0211	0.159786	-3.19088	1.404306606	2.380481659	1.07535956	1.410835606	-0.001589673	0.367592139
ENSMUSG00000045045.7	Lfrna	-1.04809	2.07442	-3.61132	0.00263	0.048817	-1.45141	2.390597634	3.04790632	2.30613976	2.11293074	1.55392905	1.0350168
ENSMUSG00000028565.18	Nfia	-1.04795	2.180994	-4.44185	0.00495	0.020563	0.080344	2.765809153	2.913605228	2.426434	1.852541056	1.77419157	1.35337828
ENSMUSG00000067889.4	Sptbn2	-1.04572	3.645683	-4.55773	0.000394	0.018566	-1.041456	4.146014081	4.788047436	3.62555664	3.20893256	3.13889155	2.96662825
ENSMUSG00000028358.16	Zfp618	-1.04512	3.366334	-4.77569	0.002057	0.015525	0.599942	4.492329925	4.095212035	3.477458	3.269558919	4.21621757	2.38982504
ENSMUSG00000029769.16	Ccdc136	-1.04488	0.95228	-2.36436	0.032236	0.193285	-3.52572	1.224239248	2.380481659	0.8120172	0.95495626	0.681936622	-0.350636892
ENSMUSG0000006357.6	Wdr6	-1.04334	3.962246	-4.7633	0.000263	0.015641	0.492769	4.477219989	4.990681451	4.00368153	3.78358268	3.09867445	3.41968605
ENSMUSG00000040478.16	Prdm13	-1.0429	0.524302	-2.7596	0.014785	0.133694	-0.85226	1.017788371	1.180544089	0.88691447	0.298942726	0.311568212	-0.549945701
ENSMUSG00000031284.16	Pak3	-1.04214	1.781249	-3.48068	0.003431	0.057698	-1.66537	2.526802018	2.629302206	1.80049971	1.534570974	0.786906222	1.409412315
ENSMUSG0000002566.16	Tmem47	-1.04165	2.051548	-2.80286	0.013558	0.126871	-2.94427	2.765809153	2.712557709	2.14715024	2.675662394	0.626441549	1.381667324
ENSMUSG00000020649.11	Rrm2	-1.04159	3.612567	-4.49286	0.000447	0.019825	-0.02321	4.013156922	4.482843377	3.848667	3.78358268	2.76626192	3.41968605
ENSMUSG00000058773.17	Hist1h1b	-1.04091	3.710572	-3.67503	0.002311	0.045533	-1.5967	4.137527615	4.709182983	3.80494562	4.034744837	2.546473245	3.030557152
ENSMUSG00000064080.12	Fbin2	-1.04046	2.578221	-4.75878	0.000266	0.015701	0.644021	2.89201749	3.354795016	3.12598563	2.031246943	2.354895644	1.791319888
ENSMUSG00000020160.18	Meis1	-1.04016	3.34422	-5.07482	0.00145	0.011551	1.162356	4.040725182	4.053239764	3.477458	3.234894662	2.688725828	2.571683744
ENSMUSG00000033420.12	Anrx1	-1.03969	2.09844	-3.52867	0.003112	0.054302	-1.60814	2.552655114	3.265711472	2.09000633	1.883905227	1.25796956	1.540658488
ENSMUSG00000048728.15	Zfp454	-1.03915	0.16544	-2.44474	0.027569	0.180155	-3.37214	0.255948108	0.363408146	0.41846602	-0.407326071	-0.958520951	-0.660977013
ENSMUSG00000038526.14	Car14	-1.03912	0.736111	-2.40742	0.02965	0.186632	-3.42346	1.256492942	0.81820172	1.126106129	1.126106129	0.311568212	-0.660977013
ENSMUSG00000087574.1	CO30037D09R	-1.0389	0.125125	-2.35395	0.032892	0.19504	-3.46933	0.686582462	0.494652679	0.67010308	0.389140535	-1.139093197	-0.350636892
ENSMUSG00000062980.15	Cped1	-1.03839	1.898519	-3.29328	0.005025	0.071335	-2.02262	1.922107111	3.026373159	2.2808267	1.648527164	1.662621725	0.844913917
ENSMUSG000000102950.11	Gm37018	-1.03792	0.254242	-2.63124	0.019094	0.153707	-0.50209	0.861669169	0.925287033	0.50504383	0.202727411	-0.522421837	-0.446825208
ENSMUSG00000014301.12	Pam16	-1.03773	0.526753	-2.32037	0.035097	0.200239	-3.54849	0.776780271	1.180544089	1.01523856	1.071717575	0.803299224	-0.91251578
ENSMUSG00000004885.5	Crabp2	-1.03741	2.458405	-3.47301	0.003485	0.058241	-1.76152	2.862257488	3.607715344	2.426434	2.484297768	1.824380927	1.51535476
ENSMUSG00000027408.7	Cpxm1	-1.03665	0.892886	-2.51289	0.021423	0.170977	-3.27874	0.861669169	1.643516065	1.56917417	1.322026339	0.311568212	-0.350636892
ENSMUSG00000013415.9	lfg2b1p1	-1.03661	5.239398	-4.62774	0.000343	0.017991	0.099714	5.913538409	6.142267521	5.20380111	5.238047946	4.548340811	4.390395089
ENSMUSG00000032607.12	Amt	-1.03628	0.459953	-2.33809	0.033917	0.197603							

ENSMUSG00000032549.7	Rab6b	-1.00285	2.30429	-4.95742	0.000181	0.012958	1.008192	2.809201749	2.88995396	2.71803755	1.883905227	1.77419517	1.750449233
ENSMUSG00000037605.16	Adgrl3	-1.00267	2.811048	-3.87545	0.001539	0.036283	-1.04458	3.383437843	3.486790561	3.02289134	2.54441876	2.767797399	1.660951082
ENSMUSG00000035835.14	Pllpr3	-1.00257	3.296988	-3.70275	0.002184	0.043943	-1.46312	4.058815639	4.288503337	3.08270154	3.014002333	2.925559761	3.016265986
ENSMUSG00000066392.11	Nrxn3	-1.00207	1.493839	-2.60459	0.021013	0.157417	-3.20251	1.709666075	2.346130154	1.93638314	0.630148634	2.030831804	0.309876641
ENSMUSG00000031906.8	Smpd3	-1.00204	1.233715	-2.88379	0.011523	0.115391	-2.86241	1.347095996	2.540946331	1.39138705	0.836599512	0.568276051	0.17153464
ENSMUSG00000066820.9	Zfp810	-1.00148	1.399691	-3.55298	0.002962	0.053131	-1.51293	1.922110711	1.853733772	1.87004065	1.322026339	0.626441549	0.803691254
ENSMUSG00000003005.12	Cdh4	-0.9997	0.424102	-2.56548	0.021649	0.162769	-3.15899	0.941839517	1.10037374	1.00710308	0.474029432	-0.091787482	-0.260439084
ENSMUSG00000038286.16	Ank2	-0.99861	4.527594	-5.07463	0.000145	0.011551	1.01808	5.066520807	5.411959891	4.57178538	4.218190528	4.209044777	3.658062802
ENSMUSG00000028438.16	Kif24	-0.99734	2.029899	-4.33521	0.000612	0.022923	-0.11046	2.47353138	2.600447343	2.49407271	1.787689911	1.257796956	1.565531157
ENSMUSG00000036006.19	Ripor2	-0.99726	1.05691	-2.85215	0.011278	0.119933	-2.72594	1.709666075	1.853733772	1.07535956	1.07266687	0.508605059	0.121431351
ENSMUSG00000021589.12	Rhobtb3	-0.99717	3.31453	-5.04293	0.000154	0.011953	1.10629	3.994480997	3.919457955	3.4995687	3.245613223	2.56135621	2.666170352
ENSMUSG00000056214.8	Pard6g	-0.99688	1.339768	-3.03612	0.008471	0.097312	-2.42964	1.922210711	2.237877264	1.34329276	1.275483753	0.836659257	0.423087252
ENSMUSG00000029245.16	Epha5	-0.99624	2.046208	-3.70516	0.002174	0.043866	-1.2739	2.830418235	2.446824154	2.28082867	2.031246943	1.583372827	1.104557733
ENSMUSG00000025938.16	Silco5a1	-0.99595	2.267428	-4.27682	0.006687	0.024172	-0.22699	2.651249389	2.982317978	2.62052105	2.164925378	1.722200532	1.463351122
ENSMUSG00000089417.1	Gm22009	-0.99577	3.313829	-3.902	0.001459	0.03514	-1.07726	3.493937384	3.732641955	4.09364491	3.119533475	3.280445694	2.162772347
ENSMUSG00000097769.7	Snhg4	-0.9953	0.308297	-2.42553	0.028622	0.183246	-3.37061	0.255948108	1.462943819	0.74605193	-0.262936162	-0.091787482	-0.260439084
ENSMUSG00000036295.4	Lrrn3	-0.99518	0.752434	-2.8927	0.011318	0.113949	-2.64035	1.347095996	1.805544089	1.29353973	-0.131691269	0.163469573	0.672446721
ENSMUSG00000063919.10	Srrm4	-0.99471	3.070633	-4.12947	0.000922	0.028569	-0.59412	3.425873109	4.155960666	3.15413667	2.693474527	2.767797399	2.562482528
ENSMUSG00000024044.15	Epb413	-0.99425	2.304152	-3.65386	0.002412	0.046328	-1.39744	2.871937504	3.354795016	2.25065558	1.719785847	2.009298643	1.614030034
ENSMUSG00000032368.14	Zic1	-0.99419	3.103387	-3.31801	0.004778	0.071009	-2.17603	3.324843189	3.883980059	3.46627426	3.405442347	2.767797399	1.71982394
ENSMUSG00000013367.5	Igfbp5	-0.99219	0.995807	-2.62557	0.019311	0.154133	-1.03116	1.286975003	2.120837843	1.07535956	0.002729842	0.884875345	-0.095379837
ENSMUSG00000075324.13	Fign	-0.99194	2.65175	-3.83871	0.001658	0.03778	-1.09177	3.279280612	3.548519551	2.64055886	2.563914936	1.748432074	2.129392053
ENSMUSG00000028678.13	Kif2c	-0.99178	3.121611	-3.77715	0.001878	0.040649	-1.16606	2.98973994	3.026373159	2.37951295	2.355973671	1.583372827	1.540656848
ENSMUSG00000039394.5	Efnb3	-0.99109	2.006298	-4.29783	0.006526	0.023696	-1.07803	2.446631669	2.571003565	2.4493344	1.820479846	1.396959730	1.35337828
ENSMUSG00000025350.15	Rdh5	-0.99086	-0.2334	-3.22243	0.034957	0.200218	-3.50922	1.124037534	0.949652679	0.81820172	-0.748362989	-0.65366637	-0.175550186
ENSMUSG00000010252.5	Snrpn	-0.99082	1.177639	-3.1396	0.006868	0.087026	-2.23625	0.961204842	1.803980737	1.29353973	0.554199781	0.97638401	0.576326511
ENSMUSG00000033295.13	Ptprf	-0.98906	4.98175	-4.20627	0.000791	0.026141	-0.71675	5.438018539	6.073066394	4.91392034	4.830575724	4.566884705	4.068031857
ENSMUSG00000000690.9	Hoxb6	-0.98776	1.711404	-2.91446	0.10832	0.111558	-2.68897	2.271544963	2.841455443	1.5267389	1.573565106	1.29386621	1.29386621
ENSMUSG00000031112.16	Stk26	-0.98728	0.436493	-2.58931	0.020748	0.158899	-3.12196	0.861669169	0.949652679	1.34329276	0.202727411	-0.188002798	-0.095379837
ENSMUSG00000036902.9	Neto2	-0.98678	1.858897	-3.09911	0.007456	0.091098	-2.37449	2.361742772	2.414034219	2.30613976	1.648527164	0.508605059	1.914835318
ENSMUSG00000075514.4	Gm13375	-0.98672	2.33447	-4.11873	0.009493	0.028746	-0.52606	2.162703915	3.090031796	2.71803755	2.215111335	1.919800924	1.436633754
ENSMUSG00000025395.14	Prim1	-0.98631	1.514255	-2.71878	0.16042	0.140453	-3.00815	1.961204842	2.120837843	1.80049971	1.787689911	1.29386621	0.121431352
ENSMUSG00000039081.9	Zfp503	-0.98386	2.907972	-4.48805	0.000452	0.019825	0.112272	3.397722069	3.578421037	3.16800884	2.90698884	2.388644435	2.008049752
ENSMUSG00000063455.16	D630005J12R1	-0.98364	3.28614	-3.97664	0.001255	0.032787	-0.92635	3.645275488	4.242553751	3.42065164	3.145646315	3.036165249	2.226548258
ENSMUSG00000050730.16	Ahrgap42	-0.98336	1.6768	-3.02313	0.008697	0.098507	-2.4893	2.361742772	2.199909414	1.83568914	1.914602024	1.220802748	0.528056811
ENSMUSG000000100158.1	Gm28119	-0.98242	1.057769	-2.44405	0.027606	0.180155	-3.33545	1.107788371	0.614946913	0.31863071	-0.131691269	-0.522421837	-0.350636692
ENSMUSG00000024376.6	Epb414a	-0.9813	1.77049	-3.07775	0.007786	0.093204	-2.40193	2.240180792	2.865908486	1.6894864	1.684596418	1.257796956	0.884991356
ENSMUSG00000029414.11	Kntc1	-0.98109	3.248283	-3.73838	0.002032	0.023111	-1.38542	3.814535193	3.486790561	3.79585773	3.671175903	2.469716046	1.726723834
ENSMUSG00000022199.10	Slic22a17	-0.98086	2.634139	-4.14768	0.000889	0.042811	-0.50095	3.150238667	3.283973678	2.92855226	2.139162282	2.61935212	1.683851484
ENSMUSG00000056427.10	Slit3	-0.98005	1.640706	-2.91539	0.101812	0.111434	-2.67751	2.332298994	2.739275048	1.39138705	1.275483753	1.228027748	0.884991356
ENSMUSG0000003070.6	Efn2	-0.97981	1.41885	-3.27061	0.005262	0.075492	-2.01891	2.027236155	2.274871471	1.43792963	1.017171757	0.983906222	0.928998488
ENSMUSG00000058070.4	Em1	-0.97952	2.213882	-2.97495	0.009587	0.103779	-2.65814	2.577876203	3.04790632	2.40316422	2.728450708	1.062540664	1.463351122
ENSMUSG00000014030.15	Pax5	-0.9795	0.652443	-2.38907	0.030727	0.188787	-3.453	0.77680271	2.07961518	0.671010308	0.202727411	-0.010589673	0.170019893
ENSMUSG00000046341.5	Gm11223	-0.97928	3.65757	-5.40614	7.74E-05	0.009615	1.737383	3.936957296	4.618549149	3.92417408	3.233489664	3.057304016	3.174947061
ENSMUSG00000055646.6	Timd4	-0.97849	0.072057	-2.41766	0.29065	0.184844	-3.37208	0.487273654	0.363408146	0.81820172	-0.407326012	-0.65366637	-0.175550186
ENSMUSG00000030519.14	Apa2	-0.97653	1.552849	-3.48462	0.030404	0.057409	-1.64219	2.107425583	2.414034219	1.65047427	1.126106129	1.020105398	0.998947545
ENSMUSG00000015053.14	Gata2	-0.97645	0.78199	-2.85386	0.121238	0.119766	-2.70632	1.089388156	1.643516065	1.13307505	0.298942726	-0.010589673	0.50856811
ENSMUSG00000052512.15	Nav2	-0.97631	4.0874	-4.37595	0.000564	0.021686	-0.27801	4.555753392	5.178105043	4.04936435	3.489404658	3.845799911	3.405973231
ENSMUSG00000074519.11	Zfp971	-0.97564	0.534978	-2.57715	0.212153	0.160616	-1.1462	0.941839517	0.614946913	1.48301752	-0.262936162	0.115168212	0.121431352
ENSMUSG00000029814.10	Igf2bp3	-0.97498	3.53266	-4.77129	0.000259	0.015528	0.568245	4.204061366	3.96544416	3.81379654	3.587920399	2.992935197	2.631807736
ENSMUSG00000061887.14	Snb3	-0.97476	4.681265	-6.37739	1.35E-05	0.005171	3.373274	5.054515052	5.557930115	4.93191611	4.301848457	4.141368281	4.117078698
ENSMUSG00000026558.13	Uck2	-0.97467	3.492411	-3.76967	0.001907	0.041006	-1.36921	3.97560135	4.552291305	3.40901694	3.519672098	2.842759456	2.655168729
ENSMUSG000000106457.1	Gm42585	-0.97399	0.474088	-2.18641	0.053496	0.216675	-3.74672	0.484773654	1.180544089	1.07535956	0.702229842	0.911251578	0.911251578
ENSMUSG00000048027.7	Rgmb	-0.97347	3.707674	-5.45716	7.04E-05	0.009244	1.824961	4.187713372	4.5063661	3.91597693	3.405442347	2.902383439	3.328161994
ENSMUSG00000054555.11	Adam12	-0.9727	0.351815	-2.26969	0.036868	0.206683	-3.61033	0.861669169	1.10037374	0.50504383	0.70229842	-0.98056279	-0.260439084
ENSMUSG00000020493.8	Prr1	-0.97261	1.705453	-3.46725	0.003526	0.058645	-1.68436	2.027236155	2.120837843	2.28082867	1.611532956	1.429749638	0.17753461
ENSMUSG00000047181.12	Samd14	-0.97206	2.527702	-4.01601	0.001159	0.03138	-0.7434	3.199991702	3.486790561	2.57959077	2.031246943	1.896530713	2.242061257
ENSMUSG00000030428.16	Tyh1	-0.97184	1.114545	-2.34499	0.033468	0.196453	-3.57993	1.513745865	1.993458536	1.18857017	1.010835606	0.931296131	-0.250636692
ENSMUSG00000030029.14	Lrig1	-0.97108	3.271272	-4.22441	0.000763	0.025525	-0.33162	2.912925242	3.004513725	2.62052105	2.215111335	1.965243463	1.515354576
ENSMUSG00000037169.14	Mycn	-0.97108	2.133649	-3.26759	0.005295	0.075533	-2.10127	2.743613407	3.090031796	2.03050532	2.164925378	1.363407114	1.409412315
ENSMUSG00000029376.8	Mthfd2l	-0.97017	1.732286										

ENSMUSG00000055717.13	Slain1	-0.93958	0.59553	-2.58081	0.0211	0.159786	-3.1439	1.404811494	1.180544089	0.67010308	0.099633918	-0.091787482	0.309876641
ENSMUSG00000020808.3	Pirmeg	-0.93913	1.379173	-3.07598	0.007814	0.093372	-2.36271	1.798475342	2.274871471	1.48301752	1.275483753	0.681936662	0.761255988
ENSMUSG00000032875.7	Arhgef17	-0.93829	3.401756	-4.37826	0.00561	0.21658	-0.16578	3.994480997	4.042553086	3.53211207	3.499564524	2.62715396	2.666710351
ENSMUSG00000048915.12	Efnas5	-0.93818	2.53983	-3.62159	0.002576	0.048607	-1.49133	2.951554672	3.139818877	2.69905445	2.71106863	1.896530713	1.660951082
ENSMUSG00000011821.11	Hist1h2bl	-0.93809	2.337452	-2.64511	0.018576	0.152181	-2.28367	2.871937504	3.438696273	2.17489523	2.400028851	0.97638402	1.216772347
ENSMUSG00000027784.10	Ppm11	-0.93777	2.649743	-4.87787	0.002211	0.014141	-0.857626	3.232232039	3.04790632	3.03807854	2.442778498	2.09356756	2.043894951
ENSMUSG00000041073.10	Nacad	-0.93761	1.284783	-2.52282	0.023656	0.169529	-3.1018	1.615029201	2.571003565	1.13307505	0.965294266	1.062540664	0.367592139
ENSMUSG00000046546.3	Fam403a	-0.93748	0.872892	-2.95556	0.020494	0.158008	-3.14102	1.224329248	1.803980737	1.13307505	-0.011397395	0.163469573	0.923985488
ENSMUSG00000037172.13	En30000707Rii	-0.93703	2.133052	-3.91334	0.001426	0.034672	-0.89939	2.851372724	2.540946331	3.27951295	2.031246943	1.42749638	1.565351157
ENSMUSG00000042489.15	Clspn	-0.93549	2.426913	-3.02667	0.008635	0.098298	-2.60031	2.970790891	2.913605228	2.66032006	2.922175243	1.799506258	1.295079639
ENSMUSG00000064168.4	#N/A	-0.9337	1.9607	-2.84082	0.012563	0.218989	-2.86021	2.552565114	3.004513725	1.76443046	2.002957898	0.97638402	1.463351122
ENSMUSG00000020811.16	Wscd1	-0.93323	1.422862	-3.23439	0.005665	0.078512	-2.08428	1.754753965	1.752450437	2.06056255	1.367114228	0.97638402	0.625904135
ENSMUSG000000106847.1	Peg13	-0.93283	2.862774	-4.57346	0.000382	0.018298	-0.277911	3.098708366	3.664577681	3.20884256	2.71106863	2.266899163	2.226548258
ENSMUSG00000039713.16	Plekhs5	-0.9325	1.143673	-2.59516	0.02051	0.158008	-3.17084	1.089938156	1.803980737	1.83568914	1.017171757	1.062540664	0.052718802
ENSMUSG00000025092.6	Hspa12a	-0.93129	1.604179	-2.57881	0.021184	0.160328	-3.26462	1.565276166	3.04790632	1.6894684	1.322026339	0.735375921	1.265022405
ENSMUSG00000068748.7	Ptprz1	-0.93124	2.148442	-2.82118	0.013069	0.124906	-2.92885	2.698170436	2.95977541	2.11886119	2.263609653	1.965243463	0.884991356
ENSMUSG00000032340.7	Neo1	-0.92983	1.071276	-4.86814	0.002215	0.014141	0.672602	4.624169855	4.709182893	3.43023296	4.006524513	3.821294947	3.142250023
ENSMUSG00000009681.9	Bcr	-0.9291	3.280802	-3.45626	0.003606	0.059306	-1.94276	3.72234701	4.359108008	3.1117014	3.233489664	2.754916107	2.443359647
ENSMUSG00000031119.4	Gpc4	-0.92907	1.07713	-2.72989	0.01569	0.138972	-2.93594	1.089938156	2.160915282	1.39138705	0.770111107	0.681936662	0.367592139
ENSMUSG00000028545.3	Bend5	-0.9284	0.263964	-2.47361	0.026056	0.176497	-3.2948	0.77680271	0.725978225	0.67010308	-0.011397395	-0.402127603	-0.175550186
ENSMUSG00000042763.9	Maneal	-0.9279	0.388004	-2.20792	0.043531	0.213843	-3.70604	1.158650906	0.925287033	1.04184602	0.70229842	-0.522421837	-0.350636892
ENSMUSG00000044060.17	#N/A	-0.92761	0.634048	-2.60686	0.02004	0.157078	-3.10454	0.941839517	0.925287033	1.34329276	0.389140535	0.380280962	-0.175550186
ENSMUSG00000024968.13	Rcor2	-0.9242	4.103806	-4.37859	0.000561	0.021658	-0.27611	4.706800741	4.809983807	4.09364491	4.006524513	3.712293242	3.222643803
ENSMUSG00000032394.5	lgdc3c	-0.92413	3.683224	-3.21548	0.005887	0.080014	-2.49679	4.648265531	4.010009712	3.68465139	4.096290474	2.830533154	2.850959311
ENSMUSG00000028414.16	Fktn	-0.92378	2.203887	-4.26802	0.006699	0.024305	-0.23987	2.602750871	2.685336241	2.67981823	2.002957898	1.523871816	1.728589799
ENSMUSG00000027792.11	Bche	-0.92226	0.294149	-2.23681	0.041199	0.210715	-3.65478	0.487273654	1.256492942	0.50504833	0.389140535	-0.522421837	-0.350636892
ENSMUSG000000999250.1	1500004A13R	-0.92221	0.204593	-3.3063	0.004894	0.073231	-0.20186	2.651249389	2.160915282	2.62052105	2.263609653	1.143840766	1.489582663
ENSMUSG00000099250.1	RntS2	-0.92196	3.27803	-2.907	0.010996	0.112128	-2.8043	2.721070838	3.110642075	2.47187697	2.239564179	2.38846435	1.0350168
ENSMUSG00000026779.6	Mast1	-0.92184	1.670725	-2.93519	0.010389	0.108772	-2.64692	2.07236155	2.03719913	1.4715024	2.086213402	0.836659257	0.849413917
ENSMUSG00000030346.16	Wsd1ap1	-0.92174	1.249098	-2.98931	0.009313	0.101934	-2.50433	2.175329648	1.462943819	1.48301752	0.770111107	0.97638402	0.625904135
ENSMUSG00000027326.13	Kn11	-0.92172	2.649882	-3.20605	0.006001	0.080764	-3.20287	3.150238667	3.02007601	2.79156659	3.092932665	1.748432074	1.814701787
ENSMUSG00000050503.8	Fbx12	-0.92125	0.699416	-2.65265	0.0183	0.159392	-3.0342	1.286975003	1.10037374	1.07535959	0.554199781	-0.88022079	0.367592139
ENSMUSG00000024304.14	Cdh2	-0.91929	4.051201	-5.01328	0.000163	0.012385	0.956556	4.542957786	4.794457963	4.17832613	4.006524513	3.39280806	3.392134323
ENSMUSG000000061393.13	Acrv2b	-0.91921	2.64574	-3.63505	0.002506	0.047638	-1.48156	3.232232039	3.422301835	2.6405588	2.69347457	2.030831804	1.850508134
ENSMUSG00000037989.15	Wnk2	-0.91912	2.596082	-3.26538	0.005319	0.075683	-2.17972	2.997773994	3.745877783	2.49407271	2.164925378	2.388644435	1.79319888
ENSMUSG00000056602.11	Fry	-0.919	2.109657	-3.0353	0.008486	0.097322	-2.52888	2.240180792	3.319818877	2.25065558	1.275483753	0.25204829	1.51534576
ENSMUSG00000022856.8	Trmem41a	-0.91783	0.856132	-2.58265	0.021024	0.159356	-3.16091	1.374595996	1.525679575	1.13307505	0.474029432	-0.18802798	0.849413917
ENSMUSG00000003779.15	Klf20a	-0.91636	2.50886	-3.47743	0.003454	0.058008	-1.76179	2.80201749	3.026373159	2.9604956	2.844592302	1.640516735	1.771982394
ENSMUSG00000027167.11	Elp4	-0.91613	1.318471	-3.27886	0.005175	0.074585	-1.99839	1.922121071	1.803980737	1.61039683	0.836599512	0.10210359	0.17153461
ENSMUSG00000038916.6	Soga3	-0.91592	2.561585	-3.55046	0.002977	0.052362	-1.63046	3.008510557	3.405718951	2.62052105	2.675663294	1.824380927	1.84718415
ENSMUSG00000029563.16	Foxp2	-0.91592	2.912948	-4.05188	0.001078	0.030547	-0.7207	3.369010772	3.47093661	3.20884256	2.812351965	2.702209057	1.914335318
ENSMUSG00000007080.14	Pole	-0.91572	3.394225	-4.55764	0.000394	0.018566	-0.18032	3.877044395	3.84760767	3.75066856	3.416208778	3.003864757	4.069938057
ENSMUSG00000071847.12	Apccd1	-0.91527	2.154282	-2.93505	0.010392	0.108772	-2.72139	2.500570476	3.170763068	2.17489523	2.3105307	1.062540664	1.746953483
ENSMUSG00000036834.16	P1ch1	-0.91519	2.127282	-3.50107	0.003292	0.056198	-1.66421	2.721070838	2.346130154	2.5795907	2.3105307	1.396959703	1.409412315
ENSMUSG00000074024.5	463247213Ri	-0.91512	2.831294	-3.21398	0.005905	0.080014	-2.32246	3.425873109	3.09031796	3.19535933	3.29313647	2.21140405	1.771982394
ENSMUSG00000078919.10	Dpm1	-0.91489	1.231826	-3.01505	0.008841	0.099056	-2.45782	1.663123489	1.948370647	1.5267389	0.70229842	4.445869304	1.104557733
ENSMUSG00000031398.13	P1xna3	-0.91445	3.662985	-3.05162	0.00821	0.095879	-2.81095	4.146014081	4.529511436	3.66522086	3.372652412	3.878557144	2.388653755
ENSMUSG000000294515.1	Pitnmn2	-0.91398	1.821082	-3.04534	0.008315	0.096751	-2.46803	2.175329648	2.600447343	2.30305532	1.534570974	1.824380927	0.761255988
ENSMUSG00000095123.1	Gpr12781	-0.91397	1.320248	-3.18102	0.006314	0.08304	-2.17211	1.615029201	1.901828061	1.76443046	1.17763646	0.848573545	0.577809846
ENSMUSG00000048332.13	Lhfp	-0.91348	0.69275	-2.46929	0.026277	0.176849	-3.32978	1.224329248	1.643516065	0.67010308	-0.011397395	0.80605059	0.121431552
ENSMUSG00000006800.13	Sulf2	-0.91312	4.298652	-4.39118	0.00547	0.021597	-2.78688	4.811870936	5.308712625	4.20548355	3.775198967	3.745179096	3.945465213
ENSMUSG00000041633.14	Kctd12b	-0.91268	0.747573	-2.34824	0.033258	0.196152	-3.52749	1.798475342	0.61496913	1.13307505	0.298942726	0.735375921	-0.095379837
ENSMUSG00000029122.11	Evc	-0.91196	2.425759	-3.01604	0.008823	0.099056	-2.62003	3.183597264	2.510249534	2.79156659	2.779374466	1.965243463	1.324523417
ENSMUSG00000014932.15	Yes1	-0.91095	1.511488	-2.53759	0.022978	0.167019	-3.32112	1.798475342	1.901828061	2.03050532	1.787689911	1.363407143	0.187019893
ENSMUSG00000033995.17	Test2	-0.91094	0.421521	-2.499	0.02479	0.172857	-3.26335	0.861669169	0.61496913	1.13307505	-0.131691229	0.105089673	0.025718802
ENSMUSG00000042363.14	Lgals1	-0.90977	1.069049	-2.64715	0.018501	0.152003	-0.07486	1.615029201	1.948370647	1.01523856	0.95945626	0.626441549	0.249755649
ENSMUSG00000039835.15	Nhs1	-0.90928	2.889527	-3.79327	0.001818	0.039791	-1.21565	3.216201929	3.883980059	2.94446549	2.71106863	2.485397668	2.096046233
ENSMUSG00000032783.8	Troap	-0.9091	1.045983	-2.35156	0.033045	0.193344	-3.55951	1.798475342	1.585800567	1.07535959	0.77101117	1.220802748	1.175550186
ENSMUSG00000028246.13	Facc	-0.90894	2.602836	-3.5412	0.003033	0.05369	-1.6545	2.892257488	3.622142414	2.67981823	2.54441876	1.799506258	2.07887109
ENSMUSG00000041911.3	Dlx1	-0.90789	1.394652	-2.59969	0.020327	0.158008	-1.9666	1.754753965	2.237877264	1.5267389	1.684596418	0.239418426	0.923985488
ENSMUSG00000021356.9	Irf4	-0.90769	0.541057	-2.42852	0.028456	0.182618							

ENSMUSG00000043587.15	Pxylp1	-0.88097	0.697719	-2.23391	0.041429	0.211469	-3.6995	1.158650906	1.803980737	0.58993273	0.099633918	-0.091787482	0.625904135
ENSMUSG00000036334.12	lgsf10	-0.88091	1.289834	-2.36391	0.032264	0.193369	-3.57588	1.798475342	2.571003565	0.95250281	0.77101117	0.884753545	0.761255988
ENSMUSG00000022098.9	Bmp1	-0.87957	3.176557	-5.46172	6.98E-05	0.009244	1.881593	3.584135193	3.678449855	3.56393572	2.90698884	2.741918767	0.258391006
ENSMUSG00000037007.13	Zfp113	-0.87923	1.959162	-3.226	0.005762	0.072222	-1.5526	2.55265114	2.160915282	2.37951295	1.914602024	1.748432074	0.908947545
ENSMUSG000000187143.9	A830082K12R1	-0.87896	1.612199	-2.47557	0.025956	0.176177	-4.4408	1.882133271	2.07961518	2.3050532	1.974103035	3.196959703	0.398976641
ENSMUSG000000102748.11	Pcdhgb2	-0.87855	0.666679	-2.16027	0.047647	0.21983	-3.80755	0.590367147	1.699011178	0.95250281	0.899335266	0.083299224	-0.260439084
ENSMUSG00000024548.11	Setpb1	-0.87855	4.126445	-3.37463	0.004258	0.065754	-2.26876	4.510463281	4.781662358	4.48824727	3.653085464	4.439845516	2.958185644
ENSMUSG00000071252.5	2210408121R1	-0.8782	0.892248	-2.64325	0.018645	0.152283	-0.06436	1.089938156	1.643516065	1.24200942	0.630148634	0.626441549	0.121433522
ENSMUSG00000032782.19	Cntrob	-0.8779	2.471098	-3.10287	0.007399	0.090735	-2.46549	2.809201749	3.170763068	2.66032006	2.71106863	2.09356756	1.381667324
ENSMUSG000000104882.11	Gm43096	-0.87789	0.159695	-2.1533	0.048279	0.220594	-3.76615	0.861669169	0.94662679	0.50504389	-0.567790743	-0.522421837	0.180178993
ENSMUSG00000031790.7	Mmp15	-0.8777	1.872591	-2.75678	0.148689	0.134268	-2.99676	1.099172692	3.170763068	1.83568914	1.611532956	1.29386621	1.324523417
ENSMUSG00000035062.13	Zc4h2	-0.87716	1.502811	-3.09367	0.007539	0.091676	-3.24293	2.208119583	2.07961518	1.56917417	1.017171757	1.257796956	0.884991356
ENSMUSG00000030849.17	Fgrf2	-0.87697	3.531763	-4.61352	0.000353	0.18054	0.26689	3.994480997	4.010009712	3.848667	3.416208778	3.289406562	2.631804736
ENSMUSG00000030486.9	Sv2a	-0.87602	0.556069	-2.15473	0.048149	0.220397	-3.80317	0.776780271	1.397355478	0.81820172	0.630148634	-0.65366637	0.367592139
ENSMUSG00000045348.15	Nyap1	-0.87529	1.475662	-2.62643	0.019278	0.154133	-1.6276	1.404811494	2.65759125	1.6894684	1.322026339	1.062540664	0.71753461
ENSMUSG00000020546.14	Sixbp4	-0.87341	2.651739	-3.7337	0.002051	0.042346	-1.29364	2.932058497	3.228478566	3.02289214	2.76259893	2.192420947	1.771982394
ENSMUSG00000019773.7	Fbxo5	-0.87303	1.500241	-2.88874	0.011408	0.114674	-2.70761	2.107425583	2.037179913	1.61039683	1.648527164	0.836659257	0.761255988
ENSMUSG00000023391.8	Dlx2	-0.8722	0.628193	-2.29634	0.036759	0.202822	-3.59567	1.404811494	1.180544089	0.58993273	0.474029432	0.380280962	-0.260439084
ENSMUSG00000032216.14	Nedd4	-0.87218	6.8132	-4.83131	0.000231	0.014822	0.48243	7.267175363	7.58399451	6.92366312	6.803665622	6.26971865	0.60565233
ENSMUSG00000005672.12	Kit	-0.87149	1.677627	-3.374	0.004264	0.065762	-1.85236	2.30224176	2.274871471	1.80049971	1.227389465	1.257796956	1.202961437
ENSMUSG00000032558.18	Nphp3	-0.87072	1.39733	-2.68027	0.017322	0.14661	-0.05873	2.0361669	1.803980737	1.61039683	1.07266687	1.493175018	0.367592139
ENSMUSG00000025608.9	Podxl	-0.8703	1.361124	-3.01872	0.008775	0.098962	-4.26261	1.460306606	1.948370647	1.96844435	1.07266687	0.681936612	1.0350168
ENSMUSG00000016200.13	Syt14	-0.87025	1.21901	-2.44417	0.0276	0.180155	-4.33289	1.663123489	2.07961518	1.24200942	1.322026339	0.830299224	0.923985488
ENSMUSG00000021782.14	Dlg5	-0.86904	3.743928	-2.98861	0.009326	0.101996	-2.95027	4.146014081	4.625726752	3.71331514	3.824606697	3.657919181	2.496569669
ENSMUSG00000038248.8	Sobp	-0.86877	1.27738	-2.42126	0.028862	0.184162	-4.79756	1.798475342	2.380481659	1.01523856	1.017171757	0.97638402	0.476526511
ENSMUSG00000031169.13	Porcn	-0.86845	0.543123	-2.17579	0.042629	0.217853	-3.77005	0.941839517	1.180544089	0.88691447	-0.567790743	0.836659257	-0.019430984
ENSMUSG00000030436.11	Dll3	-0.86814	2.291031	-3.37173	0.004283	0.065991	-1.92892	2.851327224	3.209495462	2.2021167	1.820479846	1.748432074	1.914335318
ENSMUSG000000107000.1	Gm43481	-0.86681	1.115425	-2.46113	0.0267	0.177985	-3.39042	1.513745865	1.752450437	3.0229276	1.367114228	1.148340766	0.17153461
ENSMUSG00000026235.14	Epha4	-0.86658	3.727229	-4.0226	0.001144	0.031368	-0.91524	4.372631088	3.871957311	4.1295347	3.864382698	3.315959981	2.808980963
ENSMUSG00000025153.9	Fasn	-0.86636	5.492131	-4.3845	0.005555	0.021658	-0.39146	5.888469228	6.35371475	5.52808407	5.505878268	4.879796122	4.77864162
ENSMUSG00000068699.12	Finc	-0.86541	3.211041	-3.09642	0.007497	0.091373	-2.44942	2.141777088	3.283973678	2.77353267	2.3105307	1.695483194	1.660951082
ENSMUSG00000027966.19	Col11a1	-0.86452	2.997315	-2.63615	0.018909	0.125876	-3.44584	3.520288711	3.607715344	3.05310675	3.20893256	3.003864757	1.58998456
ENSMUSG00000029836.15	Cbx3	-0.86438	2.883457	-3.99364	0.01212	0.032203	-0.82849	3.439745284	3.486790561	2.99203117	2.90698884	2.248636956	2.226548258
ENSMUSG000000088789.1	Scarna13	-0.86403	1.60006	-2.55203	0.022334	0.164957	-3.10709	1.286975003	2.739275048	2.06056255	1.410835606	1.257796956	0.848913917
ENSMUSG000000104789.1	Gm38082	-0.86367	0.558065	-2.49961	0.024761	0.172784	-3.27103	0.941839517	1.180544089	0.88691447	-0.011397395	0.163469573	0.176019893
ENSMUSG00000027583.13	Zbtb46	-0.8635	1.429306	-2.67178	0.017617	0.148028	-0.07788	1.754753965	2.160915282	1.61039683	1.719785847	0.568726051	0.761255988
ENSMUSG00000041746.15	Tet1	-0.86341	2.891236	-3.43627	0.003756	0.060796	-1.90637	3.546167343	3.265711472	3.08270153	2.812351965	2.805765249	1.83471815
ENSMUSG00000013033.14	Adgr1	-0.86334	0.086819	-3.79557	0.018089	0.039736	-1.42667	4.636267997	4.482843377	4.358499157	4.440143438	3.197190191	3.405973231
ENSMUSG00000022449.16	Adamts20	-0.86261	1.857429	-2.66693	0.017788	0.148904	-3.15448	2.072236155	2.199909414	2.426434	2.378169417	1.143840766	0.923985488
ENSMUSG00000030313.15	Dendn5b	-0.86179	2.703842	-3.75008	0.001984	0.042194	-1.26989	3.232232039	3.405718951	2.77353267	2.657629371	1.896530713	2.257409221
ENSMUSG00000052565.6	Hist1h1d	-0.86096	4.23353	-3.40693	0.003987	0.063019	-2.22283	4.671965366	4.14364429	4.445408754	3.342033393	3.4364746011	1.874746011
ENSMUSG00000049532.10	Sall2	-0.85902	2.971374	-3.73791	0.002034	0.042311	-1.33656	3.480579001	3.84760767	2.92825526	2.745625852	2.230140613	2.596033605
ENSMUSG00000037725.7	Ckap2	-0.85896	1.235374	-3.00304	0.009058	0.100453	-4.47929	1.663123489	1.853733772	1.48301752	0.95945626	0.735375921	0.17153461
ENSMUSG00000033849.3	B3gat2	-0.85862	0.722807	-2.35405	0.032886	0.19504	-3.51569	1.347095996	1.328642728	0.74605193	0.77101117	0.239418426	-0.095379837
ENSMUSG00000021965.2	Ska3	-0.85726	0.971709	-2.54821	0.022503	0.165568	-2.22938	1.513745865	1.10037374	1.48301752	1.126106129	0.239418426	0.367592139
ENSMUSG00000027896.15	Sic16a4	-0.85636	0.980977	-2.22492	0.042145	0.212176	-3.75184	1.709666075	1.256492942	1.13307505	1.494493535	0.239418426	0.052718802
ENSMUSG00000030319.3	Cand2	-0.85634	3.179234	-3.75922	0.001948	0.04175	-3.33205	3.533286052	4.084833889	3.2220094	3.145646313	2.388644436	2.700791346
ENSMUSG00000044702.13	Palb2	-0.85634	1.411344	-2.9116	0.010895	0.111729	-2.65868	1.840910608	1.752450437	1.83568914	1.367114228	1.148340766	0.528056811
ENSMUSG00000051323.16	Pcdh19	-0.85626	2.023274	-2.96378	0.009806	0.100587	-2.6471	1.92210711	3.110642075	2.35456747	1.573565106	1.824380927	1.35733828
ENSMUSG00000019846.11	Lama4	-0.85626	1.76365	-2.58169	0.021063	0.156899	-3.28731	1.513745865	2.95977541	2.17489523	1.367114228	0.97638402	1.58998456
ENSMUSG00000022866.15	Garn13	-0.85548	1.335503	-2.4704	0.02622	0.176849	-4.06999	1.663123489	1.752450437	1.72743629	1.820479846	0.68193662	0.367592139
ENSMUSG00000078716.9	Tmem87	-0.85517	1.980023	-3.14492	0.006794	0.086582	-3.30762	2.526802018	2.791269885	1.93638314	1.852541056	1.27796956	1.5154576
ENSMUSG000000084911.1	Gm16B5	-0.85494	0.5237	-2.21801	0.042703	0.212429	-3.70454	0.941839517	0.925287033	0.88691447	0.836599512	-0.00802798	-0.260439084
ENSMUSG00000051251.3	Nhlh1	-0.85459	2.369614	-3.15446	0.006664	0.085817	-2.3505	2.55265114	3.438696273	2.4493344	2.215111335	1.55392905	2.008049752
ENSMUSG00000071226.11	Cecr2	-0.85418	3.778052	-3.05376	0.008174	0.095707	-2.83161	4.422384123	3.919457955	4.14364429	3.94837276	3.725505677	2.508947988
ENSMUSG00000030499.9	Kctd15	-0.8539	2.272338	-3.30272	0.004929	0.07261	-0.05638	2.651249389	3.069122806	2.35546747	2.355973671	1.61222769	1.58998456
ENSMUSG00000001036.17	Epn2	-0.85308	1.886364	-3.00525	0.009017	0.100253	-2.55044	4.148866679	2.685366241	1.83568914	1.754137352	1.55392905	1.070206228
ENSMUSG00000054115.1	Skip2	-0.85277	2.970502	-4.13251	0.009917	0.028546	-0.57414	3.210238667	3.692189912	3.33716696	2.891640875	2.192420947	2.559352942
ENSMUSG00000039601.5	Rcan2	-0.85265	1.38033	-3.01611	0.008822	0.099056	-2.469	1.651029201	2.160915282	1.6894684	0.95945626	0.789060222	1.070206228
ENSMUSG00000057028.11	Prdm11	-0.85226	2.05647	-3.42314	0.003858	0.06192	-1.82048	2.577876203	2.600447343	2.66032206	2.287260921	1.29386621	0.810410787
ENSMUSG00000021071.15	Trim9	-0.85076	1.315635	-3.01964	0.008759	0.098935	-2.						

ENSMUSG00000026383.14	Epb41I5	-0.81812	2.366039	-3.38268	0.004189	0.06521	-1.91983	2.602750871	3.026373159	2.6405588	2.463687488	1.848833971	1.614030034
ENSMUSG00000045751.16	Mms22I	-0.81677	2.74466	-5.53305	0.003084	0.054102	-1.69391	2.932058497	3.026373159	3.38546221	2.9068988	2.173184728	2.043894951
ENSMUSG00000002416.23	Ndrb2I	-0.81646	1.159521	-2.22023	0.042523	0.212347	-3.78724	1.017788371	1.462943819	1.29353973	0.298942726	1.75796956	0.71753461
ENSMUSG00000030309.16	Caprin2	-0.81625	1.709979	-2.34634	0.003338	0.196286	-6.8078	1.92210711	2.160915282	2.17489523	1.494493531	2.030831804	0.476526511
ENSMUSG0000005125.12	Gfc2c	-0.81614	1.91465	-3.33906	0.004578	0.069179	-1.94078	1.240180792	2.237877264	2.4493344	1.787689911	1.51898456	
ENSMUSG00000026490.17	Cdc42bpa	-0.81602	3.392738	-4.00834	0.001177	0.031511	-0.88391	3.803848514	3.895903227	3.64552305	3.56874809	2.633496307	2.808908963
ENSMUSG00000054074.9	Skiad1	-0.81563	2.522621	-2.67688	0.017439	0.147179	-3.26553	1.989773994	3.319818877	2.4493344	2.463687488	2.531445035	1.38167324
ENSMUSG00000096847.1	Tmem151b	-0.81499	1.387876	-2.21354	0.043068	0.21274	-3.83807	1.460306606	2.346130154	2.5627389	1.852541056	0.380280962	0.761255988
ENSMUSG00000051043.16	Gprc5c	-0.81412	1.733889	-2.86505	0.011966	0.118239	-2.73434	1.798475342	1.948370647	1.56917417	1.57548357	0.931296311	0.17753461
ENSMUSG0000001504.10	Irx2	-0.81357	1.531793	-3.03472	0.008495	0.097353	-2.45162	1.961204842	2.120837843	1.72743625	1.275483575	1.228020748	0.884991356
ENSMUSG00000042156.15	Dzip1	-0.81199	2.843534	-3.19655	0.06118	0.081764	-2.58831	3.150238667	3.337411293	3.16800884	2.891640875	2.719182917	1.71982394
ENSMUSG00000055980.2	Irs1	-0.81089	2.905909	-3.68656	0.002257	0.044897	-1.42512	3.232232039	3.517985183	3.12598563	3.024226515	2.405227319	2.129795025
ENSMUSG00000027004.3	Frzb	-0.81077	1.943766	-2.59718	0.020428	0.158008	-3.29318	2.627203915	2.600447343	1.80049971	2.190236466	1.062540664	1.381667324
ENSMUSG00000026953.13	Sapcd2	-0.8103	0.798908	-2.24622	0.040466	0.209437	-3.69341	0.776780271	1.462943819	1.29353973	0.899335267	0.380280962	-0.019430984
ENSMUSG00000095253.4	Zfp799	-0.8096	2.186027	-3.42855	0.003815	0.061537	-1.80773	2.674900657	2.739275048	2.33101443	2.164925378	1.640516735	1.565531517
ENSMUSG00000005534.9	Insr	-0.80901	3.745331	-5.24296	0.001005	0.010484	-1.425944	4.120403437	4.393155489	3.94042998	3.529621758	3.234786977	3.25358751
ENSMUSG00000030878.10	Cdr2	-0.80897	1.75685	-3.31445	0.004813	0.071288	-1.96881	2.141777088	2.346130154	1.99980852	1.494493531	1.29386621	1.265022405
ENSMUSG00000022708.16	Zbtb20	-0.80854	3.641359	-3.67126	0.002328	0.045748	-1.59237	4.179469378	4.490726976	3.4995687	3.529621758	2.981922204	3.166842012
ENSMUSG00000076431.4	Sox4	-0.80845	4.188676	-4.59246	0.000368	0.01826	-1.29066	4.593473058	4.951230301	4.23872684	3.984991352	3.857898053	3.505738432
ENSMUSG00000038042.9	Ptpdc1	-0.80679	1.422031	-2.55375	0.022258	0.164654	-3.2795	1.513745865	1.993458536	1.87004065	1.534570974	1.143840766	0.476526511
ENSMUSG00000036898.16	Zfp157	-0.80668	2.532026	-3.18006	0.006326	0.083061	-3.33149	3.008510557	2.816580774	2.87850223	2.69347537	2.248636956	1.565531517
ENSMUSG00000054263.11	Lifr	-0.80665	2.130101	-2.93941	0.010301	0.108241	-2.70967	2.0361669	3.004513725	2.55868179	2.058991933	1.329055639	1.79319888
ENSMUSG00000045515.3	Pou3f3	-0.80626	4.06364	-3.97515	0.001258	0.032787	-1.06652	4.671965366	4.544737911	4.13660674	4.168113655	3.62997324	3.230442174
ENSMUSG00000027805.16	Pfn2	-0.80395	2.520373	-3.52688	0.003123	0.05441	-1.66934	3.027006901	3.265711472	2.51593215	2.287260921	1.896530713	2.129795025
ENSMUSG00000038126.17	Mphosph9	-0.80274	2.156866	-3.6615	0.002375	0.046124	-1.3669	2.698170436	2.65759125	2.33101443	1.852541056	1.695483194	1.706394053
ENSMUSG0000002429.17	Tead3	-0.80266	1.078683	-2.46933	0.026275	0.176849	-3.37207	1.224239248	2.037179913	1.24200942	0.554199876	0.836659257	0.577808962
ENSMUSG00000024268.15	Celf4	-0.80245	1.578176	-2.7359	0.015503	0.137951	-2.98758	1.798475342	2.571003565	1.65047427	1.17763644	0.97638402	1.295079639
ENSMUSG00000028933.11	Xrcc2	-0.80211	1.117486	-2.23369	0.041446	0.211469	-3.75907	1.460306606	1.525679575	1.5267389	1.322026339	-0.091787482	0.909513338
ENSMUSG00000020181.15	Nav3	-0.80127	1.362645	-2.28438	0.037613	0.200554	-3.71887	1.565276166	2.247841741	1.43792963	1.126106129	1.461810848	0.300876641
ENSMUSG00000039781.14	Cep131	-0.80082	2.657888	-4.07413	0.01031	0.045412	-0.644	3.0633003	2.936875008	3.1117014	2.524655505	2.302744362	2.008490752
ENSMUSG00000046994.9	Mars2	-0.8007	0.952626	-2.34724	0.033322	0.196152	-5.5396	1.76780271	1.585800567	1.65047427	0.77011117	0.508605059	0.423087252
ENSMUSG00000017667.9	Zfp334	-0.80062	3.092145	-3.75728	0.004253	0.065754	-2.06236	3.263767612	3.822839764	3.32483586	3.281384354	2.633496307	2.265482528
ENSMUSG00000026586.16	Prrx1	-0.80046	4.062769	-4.54374	0.000405	0.018666	0.051967	4.593473058	4.521837508	4.23213918	4.122823545	3.535216789	3.37112383
ENSMUSG0000007590.2	Nrbp2	-0.79979	0.682834	-2.3446	0.033493	0.196453	-3.52636	1.158605096	1.015484842	1.07535956	0.099633918	0.626441598	0.121431552
ENSMUSG00000040606.13	Kazn	-0.79937	1.146523	-2.34316	0.033586	0.196627	-3.58787	1.286975003	2.120837843	1.24200942	0.899335267	1.020105349	0.884991352
ENSMUSG00000018849.6	Wwv1	-0.79934	1.584075	-2.37842	0.031369	0.190935	-3.60326	1.882133271	2.571003565	1.48301752	1.648527164	1.29386621	0.625904135
ENSMUSG00000028930.7	Lmtk2	-0.79888	3.276423	-4.48805	0.000452	0.018625	-0.063873	3.771305141	3.784871914	3.477458	3.106297648	2.561346521	2.957921643
ENSMUSG00000052105.16	Mtlc1	-0.79851	3.802096	-2.86982	0.011851	0.117456	-3.19092	4.379844578	4.376232186	3.822529348	3.509653342	4.080722068	2.643534029
ENSMUSG00000051099.13	Lgr4	-0.79849	3.018765	-2.66475	0.017865	0.149363	-3.9827	3.680753383	3.20949562	3.2220094	3.316289969	2.890654126	1.79319888
ENSMUSG00000027799.12	Nbea	-0.79844	4.452647	-3.73799	0.002033	0.042311	-1.59656	4.811870936	5.123375565	4.59764082	4.324885993	4.411397086	3.446710856
ENSMUSG00000045071.13	E130308A19R1	-0.7982	2.969976	-4.47442	0.004464	0.020089	-0.087786	3.294628576	3.47093661	3.31239875	2.76259893	2.647503165	2.331791418
ENSMUSG00000032883.15	Acs3	-0.79799	2.751803	-3.48376	0.00341	0.057409	-1.7899	3.216201929	3.283973678	2.91816082	2.90689884	1.965243463	2.226548258
ENSMUSG00000026620.11	Mar1	-0.79795	1.835757	-2.60604	0.020073	0.15715	-3.25787	2.418886679	2.629302206	1.65047427	1.883905227	1.963995371	1.03501168
ENSMUSG00000032589.14	Bsn	-0.79794	2.676362	-3.74349	0.002011	0.042282	-1.27847	3.294628576	3.302007601	2.69905445	2.086213402	2.388644435	2.287623834
ENSMUSG00000025816.13	Sec61a2	-0.79751	2.615868	-2.93618	0.010368	0.107822	-2.80601	3.24808599	3.004513725	2.69905445	2.844592302	2.284933005	1.614030034
ENSMUSG0000003378.9	Grik5	-0.7969	3.235507	-3.21266	0.005921	0.080088	-2.40792	3.608903098	3.810294511	3.40901694	3.293133647	3.12894189	2.162772347
ENSMUSG00000041703.7	Zic5	-0.79605	1.09788	-2.26517	0.039025	0.207621	-3.70592	1.513745865	1.853733772	1.07535956	1.275483575	0.681936662	0.107919893
ENSMUSG00000044700.15	Tmem201	-0.79545	2.891355	-4.11257	0.000954	0.028907	-0.60116	3.558934639	3.388943238	2.9604956	2.442778498	2.500910667	2.496065697
ENSMUSG00000069274.3	Hist1h4f	-0.79476	3.370289	-2.52237	0.023677	0.169529	-3.74254	3.985051584	4.306481978	2.9203117	3.689042323	2.805765249	2.443369647
ENSMUSG00000025932.14	Eya1	-0.79443	2.443639	-3.41805	0.003898	0.062194	-1.86475	3.027006901	2.841455443	2.60021016	2.524655505	1.896530713	1.771982394
ENSMUSG0000004356.7	Utp20	-0.79437	3.558963	-4.68813	0.003005	0.017041	-0.05541	3.726739589	4.074378531	4.01907042	3.509653342	3.057304016	2.966629825
ENSMUSG00000004610.4	Etfb	-0.79391	1.516165	-2.94379	0.01021	0.107613	-2.61201	1.663123489	1.948370647	2.09000633	1.17763644	1.29386621	0.923985488
ENSMUSG00000031004.7	Mki67	-0.79356	5.750371	-3.74163	0.002018	0.042285	-1.68327	6.223237028	6.15224298	6.05400483	6.039104303	5.207863692	4.82573736
ENSMUSG00000026193.15	Frn1	-0.79319	5.528044	-5.29898	9.46E-05	0.010152	1.379514	5.878318298	6.262261422	5.63682286	5.182374349	5.290522767	4.9179617
ENSMUSG00000027201.16	Myef2	-0.79193	3.631097	-4.90152	0.000202	0.01387	0.801032	3.994480997	3.954048298	4.07167451	3.606841261	3.12894189	3.303055712
ENSMUSG00000029454.15	Mapkapk5	-0.79178	1.124401	-2.17288	0.046524	0.217853	-3.85589	1.709666075	1.752450437	1.24200942	-0.13169129	1.329055639	0.844913917
ENSMUSG00000029090.12	Adgr3	-0.79132	3.709979	-3.69277	0.002229	0.044692	-1.56316	4.19510525	4.315386631	3.79857773	3.903167129	3.189231334	2.966629825
ENSMUSG00000028031.6	Dkk2	-0.79043	1.284314	-2.3476	0.033299	0.196152	-3.60236	1.961204842	1.180544089	1.76443040	1.575365106	0.508605059	0.71753461
ENSMUSG00000020844.6	Nxn	-0.78936	2.252498	-2.46427	0.026536	0.177689	-3.58834	2.800418235	3.170763068	1.93638314	2.421562012	1.77419517	1.381667324
ENSMUSG00000026622.15	Nek2	-0.78768	1.687455	-2.19729	0.04442	0.214943	-3.92273	1.92210711	1.993458536	2.14715024	2.421562012	0.836659257	0.836659257
ENSMUSG00000074994.4	Qser1	-0.78719	3.823857	-4.88419	0.000208	0.014125	0.741573						

ENSMUSG00000022814.6	Umps	-0.75692	2.736317	-4.22843	0.000757	0.025525	-0.36006	3.183597264	3.069122806	3.08270153	2.463687488	2.230140613	2.388653755
ENSMUSG00000079560.13	Hoxa3	-0.75625	0.976836	-1.13918	0.049581	0.222531	-0.88453	1.565276166	1.462943819	1.01523856	0.70229842	1.062540664	0.052718802
ENSMUSG00000038351.14	Sgsm2	-0.75605	0.025753	-2.36703	0.03207	0.19298	-3.71468	2.072236155	2.414034219	2.66032206	2.215111335	2.030831804	0.923985488
ENSMUSG00000020175.13	Rab36	-0.75527	0.94998	-2.26035	0.039386	0.208097	-3.69159	1.347095996	1.699011178	1.01523856	0.554199781	0.239418426	0.844913917
ENSMUSG00000060981.6	Hist1h4h	-0.75492	3.575156	-2.60311	0.02019	0.157605	-6.64257	3.703929706	4.647047756	5.52134566	3.824526679	2.531445065	3.284256480
ENSMUSG00000033152.13	Podx12	-0.75402	1.789241	-2.70406	0.01652	0.142834	-3.077	3.232989994	2.571003565	1.6894684	1.17763643	1.583372822	1.381675324
ENSMUSG00000042807.15	Hecw2	-0.75376	0.977333	-2.29947	0.036538	0.206683	-6.33353	1.224239248	1.699011178	1.13307505	0.77101117	0.786960227	0.429755649
ENSMUSG00000045136.5	Tab2b2b	-0.75293	5.048678	-4.31246	0.00064	0.023329	-0.11156	3.374437845	5.808718656	5.09182677	4.916499509	4.75976008	4.34082523
ENSMUSG00000097347.1	Gm1/2725	-0.75218	1.333778	-2.62503	0.019331	0.154133	-3.14497	1.999172692	1.328642728	1.76443046	1.017171757	0.931296311	0.961953338
ENSMUSG00000048126.1	Col6a3	-0.75104	2.563424	-3.46059	0.003574	0.058949	-1.80269	2.721070838	3.88943238	2.77353267	2.086213420	2.093576520	2.31718617
ENSMUSG00000018166.8	Erb3b	-0.74977	2.702317	-2.61337	0.019783	0.155703	-3.42007	2.800418235	3.919457955	3.57346531	2.602134258	2.21104005	2.110391312
ENSMUSG00000047747.9	Rnf150	-0.74935	2.725074	-4.11295	0.000954	0.028907	-0.57835	3.008510557	3.283973678	3.03807854	2.287260921	2.302744362	2.429876417
ENSMUSG00000048696.10	Mex3d	-0.74916	3.358192	-3.98217	0.001241	0.032515	-0.92904	3.975560135	3.907728662	3.33716666	3.052105547	3.078137519	2.798454606
ENSMUSG00000027715.9	Ccna2	-0.7481	2.858371	-3.46243	0.003561	0.05885	-1.84996	3.369010772	3.170763068	3.08270153	3.010082333	3.354895644	2.162772347
ENSMUSG00000040785.17	Ttc3	-0.74542	5.896324	-3.81556	0.001737	0.038885	-1.53739	6.410986291	6.24138605	6.14977412	5.980464536	5.672549083	4.927282741
ENSMUSG00000026153.15	Fam135a	-0.74423	3.29728	-4.01016	0.001173	0.031531	-0.86373	3.680753383	3.692189912	3.57439188	3.316289969	2.948369644	2.517683744
ENSMUSG00000022240.9	Ctndd2	-0.74375	2.176446	-3.19345	0.006156	0.081955	-2.24663	2.240180792	2.88995396	2.53746531	1.719785847	1.987439209	1.683851484
ENSMUSG00000048644.7	Cttn1	-0.74366	1.698387	-2.24218	0.04078	0.209905	-3.85148	2.240180792	2.739275048	1.34329276	1.410835606	1.02010398	1.436633784
ENSMUSG00000012443.3	Kif11	-0.74362	3.52288	-3.18922	0.006209	0.082254	-2.51463	4.022404999	4.053239764	3.55340685	3.606841261	3.342033493	2.559352942
ENSMUSG0000001228.14	Uhrf1	-0.74347	4.224597	-3.45236	0.003635	0.059702	-2.13164	4.706800741	4.813441066	4.23872684	4.471450888	3.441856241	3.675306375
ENSMUSG00000042955.7	Fam199x	-0.74204	2.254186	-2.65056	0.018376	0.151282	-3.25808	2.932058497	2.913605228	2.70350532	2.3103507	1.748432074	1.58998456
ENSMUSG00000074165.10	Zfp788	-0.74198	1.511956	-2.49491	0.02499	0.17357	-3.39396	2.175329648	1.643516065	1.76443046	1.648527164	0.735375921	1.104557733
ENSMUSG00000036782.13	Khl13	-0.7415	1.943807	-2.92439	0.010618	0.110192	-2.70663	1.999172692	2.685326421	2.2808267	1.719785847	1.29386621	1.683851484
ENSMUSG00000006078.4	Hist1h4c	-0.74079	2.580709	-2.32065	0.035078	0.200218	-3.91157	2.871937504	3.63642664	2.33101443	2.90689884	1.987439209	1.750449233
ENSMUSG00000038252.13	Ncapd2	-0.74021	4.677476	-3.65294	0.002417	0.046633	-1.79424	5.139653916	5.326441819	4.45786664	4.785615583	4.828691135	3.827586335
ENSMUSG00000052516.3	Robo2	-0.73921	3.107423	-2.72323	0.0159	0.139769	-3.31054	3.30981498	3.63642664	3.60901694	3.010082333	2.894603662	1.989787546
ENSMUSG0000003232.17	Col12a1	-0.73853	0.043981	-2.97579	0.009571	0.103779	-2.82122	2.892257488	3.650570823	3.61546782	3.024226515	2.902335923	2.17892574
ENSMUSG00000050947.9	Amigo1	-0.73848	1.446722	-2.58763	0.020818	0.158953	-2.22535	2.0361669	1.803980737	1.65047427	1.07266299	0.735375921	1.381673234
ENSMUSG0000001870.15	Ltbp1	-0.73768	2.094929	-2.81738	0.013169	0.125327	-2.92655	2.674900657	2.510249534	2.2021167	1.684596418	1.273184728	1.324523417
ENSMUSG00000033705.16	Star9d	-0.73677	2.575688	-2.92385	0.010629	0.110226	-2.82101	3.199997102	3.283973678	2.37951295	2.355973671	2.320383439	1.424335318
ENSMUSG00000047193.15	Dync2h1	-0.73563	3.975138	-3.43842	0.003739	0.060677	-2.11588	4.220226186	4.46694575	4.27763333	4.027740999	3.863909291	2.994374816
ENSMUSG00000046591.10	Ticrr	-0.73561	2.437796	-2.66372	0.017902	0.149529	-3.27169	2.871937504	3.26373159	2.4493344	2.67566299	1.21388754	1.489582663
ENSMUSG00000030683.11	Sez6l2	-0.73337	0.736836	-2.13888	0.049609	0.222531	-3.8499	1.158650906	1.328642728	0.81820172	0.70229842	0.163469573	0.249755649
ENSMUSG00000038418.7	Egr1	-0.73309	2.025226	-3.26037	0.005373	0.075998	-2.1255	2.577876203	2.816580774	2.35564747	1.684596418	2.05240829	1.728589799
ENSMUSG00000036768.5	Kif15	-0.7327	3.276056	-3.23177	0.005695	0.07862	-2.37942	3.95687826	3.56354776	3.33716666	3.426895457	2.902383439	2.464953857
ENSMUSG00000023411.11	Nfatc4	-0.73252	3.130677	-2.98432	0.009407	0.102716	-2.82398	3.771305141	3.486790561	3.15413667	3.383665405	2.71556744	2.272595625
ENSMUSG00000027699.19	Ect2	-0.73176	2.695116	-2.69439	0.016841	0.14459	-2.27072	3.116090444	3.319818877	2.67981823	2.7964798235	2.33777025	1.750449233
ENSMUSG00000034557.14	Zfyve9	-0.7314	2.596949	-2.90975	0.010936	0.11185	-2.85156	3.13265588	3.04790632	2.6405588	2.77934664	2.230140613	1.750449233
ENSMUSG00000036202.15	Rif1	-0.73136	4.719889	-3.22207	0.005808	0.07959	-2.65641	5.065541502	4.951230301	5.18345724	4.838601865	4.645759727	3.634746011
ENSMUSG00000034813.16	Grip1	-0.73133	1.876322	-2.25102	0.040096	0.208709	-3.87292	2.0361669	2.712557709	1.93638314	1.787689911	1.965243463	0.803691254
ENSMUSG00000024827.9	Gld1	-0.7295	1.264753	-2.32274	0.034937	0.200218	-3.63978	1.513745865	1.803980737	1.5267389	1.453270782	1.4445869304	0.844913917
ENSMUSG00000021936.13	Mapk8	-0.7293	3.66649	-4.70069	0.000298	0.016849	0.413824	4.283132937	3.954084298	3.848667	3.361554703	3.39280806	3.15869117
ENSMUSG000000339953.13	C1stn1	-0.72905	3.859304	-4.45032	0.004047	0.02053	-0.09917	4.07668206	4.490726976	4.08635855	3.766811182	3.497048028	3.238198617
ENSMUSG00000068735.13	Trps5311	-0.72845	4.178481	-3.65373	0.002413	0.046328	-1.72391	4.358094995	5.045232186	4.23872684	4.14887377	3.47365246	3.806302467
ENSMUSG00000051236.13	Msr3b	-0.7275	1.082758	-2.16505	0.047218	0.219095	-3.86148	1.089938156	1.643516065	1.65047427	0.630148634	0.311568212	1.170902002
ENSMUSG00000081683.5	Fzd10	-0.72715	2.869147	-2.83316	0.012758	0.122723	-3.05185	3.425873109	3.283973678	2.92825526	3.221263362	2.009298643	2.346218488
ENSMUSG00000048330.1	Ric3	-0.72649	1.168985	-2.32077	0.03507	0.200218	-3.62765	1.089938156	1.993458536	1.5267389	0.899335267	0.80690222	0.71753461
ENSMUSG00000016933.17	Plc1g	-0.72592	4.397395	-3.88973	0.01495	0.035893	-1.28655	4.93409976	4.788074346	4.53479117	4.230442789	4.352759899	3.543789738
ENSMUSG00000043015.15	Nemp2	-0.72518	1.635132	-2.75719	0.014857	0.134251	-2.95874	1.961204842	2.07961518	1.90359321	1.648527164	1.182834898	1.0350168
ENSMUSG00000024298.14	Zfp871	-0.72435	3.673428	-4.02165	0.001146	0.03138	-0.90766	4.007776506	4.084832889	3.91597693	3.509653342	3.57240171	2.889293652
ENSMUSG00000034949.18	Zfr2	-0.72368	0.950472	-2.26669	0.038911	0.207284	-3.68169	1.404811494	1.585800567	1.01523856	0.389140353	0.681936662	0.625904135
ENSMUSG000000108621.1	Gm37494	-0.72332	3.337723	-3.37763	0.004232	0.065579	-2.10844	3.71579726	3.678449855	3.61546782	3.634765262	2.71556744	2.666710351
ENSMUSG00000046709.16	Mapk10	-0.7223	2.347433	-3.26911	0.005278	0.07552	-2.13141	2.71070838	3.04790632	2.40316422	1.944659258	2.07295728	1.894393142
ENSMUSG00000028476.13	Reck	-0.72188	2.032236	-2.181	0.045814	0.217545	-4.02282	2.698170436	2.380481659	1.99980852	2.287260921	1.942700894	0.884991356
ENSMUSG00000020492.11	Ska2	-0.72164	2.296511	-2.53575	0.023062	0.167189	-3.47159	2.951554672	2.65759125	2.2808267	2.583151155	1.896530713	1.409412315
ENSMUSG00000047534.16	Mis18bp1	-0.72071	2.320147	-2.28569	0.037519	0.204554	-3.91148	2.698170436	2.65759125	2.53746531	2.952076729	1.722005523	1.35337828
ENSMUSG00000020674.16	Pxdn	-0.72041	4.350528	-3.21361	0.005909	0.080014	-2.62386	4.98268457	4.922375438	4.23872684	3.984991352	4.455583932	3.518534077
ENSMUSG00000020330.16	Hmnr	-0.71973	1.826671	-2.20839	0.043493	0.213784	-3.93326	2.32298994	1.803980737	2.25506558	2.139162282	1.668261725	0.761255908
ENSMUSG00000052534.15	Pbx1	-0.71935	4.845453	-5.36599	0.009818	0.09818	-1.53938	5.214185583	5.391050901	5.01331881	4.658995978	4.264628989	4.52963784
ENSMUSG00000024998.17	Plce1	-0.71915	1.79488	-2.37012	0.031878	0.192604	-3.65711	2.271544963	2.07961518	1.99980852	2.031246943	1.583372827	0.803691254
ENSMUSG00000019841.15	Rev3l	-0.7183	4.173397	-3.12071	0.007136	0.089222							

ENSMUSG00000033948.3	Zswim5	-0.68866	2.469885	-2.89893	0.011177	0.113194	-2.84653	2.698170436	3.170763068	2.55868179	2.378169417	2.284933085	1.728589799
ENSMUSG00000018451.6	6330403K07R	-0.68857	1.938502	-2.30114	0.036421	0.202683	-3.80205	2.526802018	2.478885363	1.80049971	1.974103035	1.799506258	1.0350168
ENSMUSG00000025026.14	Add3	-0.68763	2.266888	-2.87906	0.011633	0.116063	-2.84488	2.892257488	2.791269685	2.2021167	1.787689911	2.113887544	1.81410787
ENSMUSG00000006141.12	NoI4	-0.68695	3.009125	-2.85974	0.012094	0.119071	-0.03296	3.425873109	3.942634277	2.77353267	2.171068663	2.546473245	2.655168729
ENSMUSG00000033858.7	Akap12	-0.6864	3.420045	-3.8124	0.001749	0.038925	-1.27275	3.596572296	4.214264707	3.53211207	3.01082333	3.18923134	3.048313623
ENSMUSG00000022360.6	Atad2	-0.68639	3.771541	-2.95685	0.009944	0.105823	-0.01737	4.290806865	4.165847577	3.81379654	4.076065446	3.39280806	2.889923652
ENSMUSG00000051934.4	Spas2	-0.68563	2.817643	-3.08373	0.007692	0.092428	-2.56827	3.533286052	3.110624075	2.80937787	2.844592302	3.230338422	2.387623834
ENSMUSG00000045095.16	Mag1	-0.6849	3.552392	-2.64513	0.018575	0.152181	-3.5592	3.907311834	4.084832889	3.60530795	3.925946997	3.244035054	2.546910839
ENSMUSG00000013236.16	Ptprs	-0.68459	6.039459	-3.10829	0.007318	0.090347	-2.95019	6.364472565	6.758177048	6.02384598	5.888810958	6.17036847	5.06451837
ENSMUSG00000046329.14	Slc25a23	-0.68302	1.987859	-2.51303	0.024116	0.179077	-3.44926	1.961204842	2.841455443	2.2021167	1.944659258	1.29386621	1.683851484
ENSMUSG00000017716.15	Birc5	-0.68287	1.930818	-2.85643	0.012175	0.110954	-2.82771	2.361742772	2.274871471	2.14715024	1.914620242	1.396959703	1.498582663
ENSMUSG00000026787.3	Gad2	-0.68253	1.062469	-2.23134	0.041632	0.211615	-3.7541	1.347095996	1.256492942	1.61039683	0.630148634	0.568726051	0.961953338
ENSMUSG000000092035.8	Peg10	-0.6823	5.28175	-2.79237	0.013846	0.128445	-3.54218	5.990952186	5.594972213	5.25993133	5.679019701	4.713904391	4.45172312
ENSMUSG000000044636.5	Csrnp2	-0.68209	2.245676	-2.51875	0.023847	0.170191	-3.49116	2.30224176	3.209495462	2.33101443	1.944659258	1.523871816	2.162772347
ENSMUSG00000005233.16	Spc25	-0.68189	1.911495	-2.45681	0.026926	0.178609	-3.5317	2.446631669	2.160915282	2.06056255	2.11293074	1.583372827	1.104557734
ENSMUSG000000002835.8	Chaf1a	-0.67958	3.200992	-3.91574	0.001419	0.034612	-1.03103	3.680753383	3.678449855	3.2744309	3.024226515	2.728803267	2.819288109
ENSMUSG00000028782.14	Adgrb2	-0.67938	1.489864	-2.4765	0.025909	0.176124	-3.42151	1.754753965	2.07961518	1.65047427	1.275483757	1.29386621	0.884991356
ENSMUSG00000032363.15	Adams7	-0.67855	2.091856	-2.50707	0.022389	0.16509	-3.40341	2.271544963	2.88995396	2.11886119	2.139162282	1.722200532	1.4094912315
ENSMUSG00000029469.14	Irf8	-0.67812	1.877388	-2.92226	0.010663	0.110463	-2.70013	2.072236155	2.274871471	2.28082867	1.648527164	1.55392905	1.436633784
ENSMUSG00000021175.15	Cdca7	-0.67741	1.960986	-2.16098	0.047583	0.219824	-0.03971	2.271544963	2.07961518	2.40316422	2.139162282	1.987439209	0.884991356
ENSMUSG00000028613.14	Lpr8	-0.67615	2.82607	-3.07371	0.00785	0.093553	-2.58909	3.263767612	3.548519551	2.71803575	2.69347527	2.302744362	2.429876471
ENSMUSG00000027115.14	Kif18a	-0.67527	1.750618	-2.26733	0.038864	0.207284	-3.82033	1.882133271	2.037179913	2.25506558	1.611532956	1.872879445	0.84913917
ENSMUSG00000067928.6	Zfp760	-0.67501	2.035613	-2.32931	0.034496	0.199349	-3.77532	1.999172692	2.739275048	2.33101443	2.333431102	1.228027448	1.58998456
ENSMUSG00000027204.13	Fbn1	-0.67486	3.577606	-4.06963	0.00104	0.030085	-0.79647	4.013156922	4.125908832	3.61546782	3.426895457	3.158587352	3.125619349
ENSMUSG00000029661.6	Col1a2	-0.67476	6.101863	-5.57093	5.70E-05	0.008819	-1.88073	6.357181608	6.675858962	6.28481292	5.882935447	5.696325643	5.714062418
ENSMUSG00000036036.11	Lzts1	-0.67356	2.557558	-2.29832	0.036619	0.202683	-3.94459	3.027006991	3.422301835	2.25065528	2.76259893	1.795062568	2.70887109
ENSMUSG00000030528.12	Blm	-0.67223	2.802617	-2.19221	0.044851	0.215717	-1.8444	3.324843189	3.247215128	2.77353267	2.828562193	3.003864757	1.637681307
ENSMUSG00000074221.11	Zfp568	-0.67148	3.229345	-3.1049	0.007369	0.096165	-2.61454	3.30981498	3.919457955	3.44364329	3.37265213	3.005010667	2.89593117
ENSMUSG00000017485.10	Top2b	-0.67055	5.533692	-5.79768	3.77E-05	0.008043	2.304141	5.750586331	5.969681153	5.88376562	5.379545376	5.079429678	5.13914634
ENSMUSG000000062115.1	Rai1	-0.67053	4.005455	-3.54602	0.030004	0.053603	-1.90825	4.443192585	4.574717068	3.99525209	3.887787328	3.869895586	3.261212063
ENSMUSG00000039328.9	Rnf122	-0.67027	2.24006	-2.51016	0.024253	0.171081	-3.50177	2.651249389	2.765506889	2.28082867	2.239564179	1.29386621	2.113019312
ENSMUSG00000015880.13	Ncapg	-0.66954	2.648804	-2.13648	0.049835	0.222753	-2.43984	3.199991702	2.629302206	2.9604956	2.952076729	2.661375539	1.4868982663
ENSMUSG00000040209.12	Zfp704	-0.66948	3.160745	-3.684	0.002269	0.045041	-1.47546	3.439745284	3.502472184	3.48855571	3.233489664	2.633496307	2.666710351
ENSMUSG000000008823.16	Zfp512b	-0.66938	3.50464	-3.55072	0.002975	0.053262	-1.80305	3.738010701	4.074378531	3.67496883	3.625517186	2.902383439	3.012579411
ENSMUSG00000033810.6	Alms1	-0.66917	3.487384	-2.48516	0.025472	0.157276	-3.83796	3.760292148	4.306481078	3.37353905	3.559065536	3.441856241	2.483069957
ENSMUSG00000022704.15	Qtrr2	-0.66628	1.868705	-2.72727	0.015772	0.193932	-0.04927	2.208119583	2.414034219	2.03050532	1.322026339	1.77419517	1.063351122
ENSMUSG00000060548.12	Tnfrsf19	-0.66593	1.988862	-2.22542	0.042105	0.212176	-3.93963	2.240180792	2.380481659	2.28883404	2.2103507	1.77419517	1.94994545
ENSMUSG00000038535.17	Zfp280d	-0.66583	3.848133	-4.29658	0.00066	0.023696	-0.39733	4.111764519	4.146016406	4.23213918	3.848572153	3.448193213	3.266813985
ENSMUSG00000028906.15	Epb41	-0.6639	5.360686	-5.21735	0.00011	0.010497	1.230764	5.649758231	5.946938691	5.48440046	5.15371059	4.963844825	4.965462124
ENSMUSG00000094936.7	Rbm4	-0.6632	1.251608	-2.14925	0.048649	0.220972	-3.91528	1.347095996	1.752450437	1.61039683	1.367114228	1.050608059	0.923985488
ENSMUSG00000061482.6	Hist1h4d	-0.66285	3.804083	-2.40187	0.029972	0.187415	-0.06168	4.022404999	4.749167853	3.61546782	4.187096259	3.158587352	3.091771578
ENSMUSG00000030770.14	Parva	-0.66237	2.005138	-2.18738	0.045263	0.216614	-0.06642	2.332298994	3.069122806	1.6894684	1.820479846	1.55392905	1.565353117
ENSMUSG00000020121.15	Srgap1	-0.66154	2.552208	-2.15822	0.047832	0.220095	-1.80609	2.577876203	3.771990623	2.35546747	2.355973671	2.437831985	1.81410787
ENSMUSG00000028456.17	Unc13b	-0.66131	2.816011	-3.29114	0.050047	0.073296	-2.17159	3.06330303	3.228478566	3.1117014	2.620870821	2.741918767	2.129790525
ENSMUSG00000040880.11	Lbr	-0.66115	3.14706	-2.72627	0.015804	0.139518	-3.31395	2.577876203	3.745877783	2.94446549	3.293138647	2.702209057	2.469953875
ENSMUSG00000037907.16	Ankrd13b	-0.66113	3.433807	-3.87475	0.001541	0.036283	-1.15285	3.927143006	3.919457955	3.4500315	3.281384354	3.02547857	2.994374816
ENSMUSG00000075031.3	Hist1h2b	-0.66109	3.190353	-2.67211	0.017605	0.148024	-2.42467	3.657198655	3.954084298	2.9604956	3.339099852	2.576068027	2.655168729
ENSMUSG00000022120.3	Rnf219	-0.66024	2.421798	-3.08617	0.007654	0.092285	-2.48805	2.871937504	2.913605228	2.49407271	2.29564179	1.848833971	1.612772347
ENSMUSG00000034653.11	Ythcd2	-0.65992	2.161756	-3.02261	0.006706	0.098507	-2.56166	2.500570476	2.571033565	2.37951295	2.058991933	1.799506258	2.166951082
ENSMUSG00000037098.17	Rab11fip3	-0.6595	3.222242	-3.12422	0.007086	0.089029	-2.57583	3.177305141	3.79763921	3.09727433	3.079465036	3.003864757	2.583910046
ENSMUSG00000063804.7	Linc28b	-0.65937	2.779412	-2.46649	0.026421	0.177364	-3.70165	3.294628576	3.004513725	2.92825526	2.922175243	2.754916107	1.771982394
ENSMUSG00000016624.15	Phf21b	-0.65826	3.446997	-3.05336	0.008181	0.095707	-2.76131	3.782234701	4.125908832	3.44364329	3.079465036	3.527663395	2.723077294
ENSMUSG00000030930.13	Chst15	-0.65684	2.531529	-2.90616	0.011015	0.112165	-2.84522	2.787668587	3.319818877	2.53746531	2.239564179	1.987439209	2.817218617
ENSMUSG00000021767.16	Kat6b	-0.65577	3.820512	-2.84981	0.012338	0.120323	-2.23266	4.372631088	4.13599765	3.87427764	3.819393603	3.751677733	2.87009248
ENSMUSG00000040093.15	Bmf	-0.65544	1.838941	-2.58781	0.02081	0.158953	-3.29046	2.30224176	2.199909414	2.06056255	1.322026339	1.29386621	1.850538134
ENSMUSG00000039195.8	Snhg5	-0.65476	2.551709	-3.06692	0.007959	0.094099	-2.54749	2.743613407	2.685366241	3.12598563	2.463687488	3.230338422	1.971291202
ENSMUSG00000039716.12	Dock3	-0.65389	1.750751	-2.13485	0.049987	0.222777	-0.03693	2.107425583	2.120837843	1.96844433	1.410836506	2.05204829	0.849413917
ENSMUSG00000017861.11	Mybl2	-0.65371	1.863075	-2.69663	0.021571	0.161802	-3.32642	2.072236155	2.07961518	2.33101443	1.974103035	1.396959703	1.625423417
ENSMUSG00000076258.1	Gm23935	-0.65357	15.27642	-2.26502	0.039036	0.207621	-4.27189	15.887465	16.02189195	14.9036155	15.56300579	14.90618725	14.37633485
ENSMUSG00000001517.14	Foxm1	-0.65346	3.045604	-2.45028	0.027273	0.17995	-3.79411	3.30981498	3.82283964	2.94446549	3.269558919	2.780564695	2.146377909
ENSMUSG00000050334.12	C130071C03R	-0.65286	2.										

ENSMUSG00000020801.8	Med31	-0.62218	2.077282	-2.37393	0.031644	0.191705	-3.70757	2.107425583	2.237877264	2.71803755	2.031246943	1.987439209	1.381667324
ENSMUSG00000020899.15	Pfas	-0.62212	3.647532	-2.74278	0.015291	0.13661	-3.39784	3.994480997	4.185409844	3.64552505	3.832586449	3.449871234	2.777315838
ENSMUSG00000078532.9	Nkain1	-0.62164	2.802936	-3.44547	0.003686	0.061014	-1.87241	3.133265588	3.150999813	3.03807854	2.602134258	2.590640828	2.029497111
ENSMUSG00000051627.2	Hist1h1e	-0.62148	4.459949	-2.39335	0.030473	0.188438	-4.20204	4.822498571	5.356953124	4.13660674	4.726289367	3.869895586	3.847451639
2410089E03R1		-0.62138	4.102784	-2.97953	0.009499	0.103548	-3.03888	3.941642449	4.418173949	4.37054279	4.129381261	4.121434353	3.310068831
ENSMUSG00000031822.18	Gse1	-0.62128	3.667117	-2.79399	0.013801	0.128301	-3.30599	4.400725182	4.46694575	3.3747458	3.316289969	3.664822641	3.039462705
Stfgal1		-0.62017	2.848847	-3.42439	0.030848	0.061912	-1.9214	3.263767612	3.170763068	3.03807854	2.71106868	2.3777205	2.51683744
ENSMUSG000000598673.1	Zfp242	-0.62004	3.231602	-3.04395	0.008338	0.096751	-2.75187	3.611219401	3.976715272	3.36151652	3.052105547	2.619352152	2.398793142
ENSMUSG00000009076.1	Gm340	-0.61886	2.758492	-3.08276	0.007708	0.029428	-2.55817	2.721070838	3.302007601	3.20884256	2.263609653	2.546473245	2.498409788
ENSMUSG00000021244.1	Ypml1	-0.61823	4.725212	-4.10784	0.000968	0.028986	-0.89064	4.843521822	5.27586918	4.97437371	4.743490107	4.300529941	4.216767237
ENSMUSG00000001506.10	Coll1a	-0.61783	5.6102	-4.45739	0.000048	0.020447	-0.25105	5.730976581	6.269153291	5.76328863	5.300396323	5.408533638	5.408533638
ENSMUSG00000022816.11	Fst1l	-0.61764	4.242977	-4.13101	0.00092	0.028565	-0.78506	4.490609366	4.910669937	4.29037245	3.910800454	3.881794169	3.973616255
ENSMUSG000000025764.14	Jade1	-0.61658	2.692144	-2.91095	0.010909	0.111729	-2.86832	2.912295242	2.88995396	3.12598563	2.828562193	2.09356756	2.302497111
Hist1h4k		-0.6165	3.932084	-2.79211	0.013853	0.128445	-3.3658	4.267661528	4.709182983	3.75066856	4.076065446	3.376080974	3.41284232
ENSMUSG00000031558.15	Silt2	-0.61643	4.390312	-2.19537	0.044582	0.214964	-4.54124	4.630231608	4.939757516	4.46907833	4.704495976	4.407286841	3.191021824
Erc1		-0.61618	3.320046	-3.75311	0.001972	0.042003	-1.37001	3.467095772	3.859833972	3.55340685	3.132648975	3.057304016	2.849984896
ENSMUSG00000007137.11	Tia1	-0.61586	4.673924	-4.1368	0.009099	0.028367	-0.82774	5.047535714	4.904781378	4.96646126	4.609189016	4.514349402	4.001228487
Kif22		-0.61564	2.403584	-2.3648	0.032208	0.193215	-3.79413	2.932058497	2.629302206	2.49407271	2.76259893	1.748432074	1.850538134
ENSMUSG00000024151.13	Msh2	-0.61554	3.111988	-2.68268	0.017239	0.14641	-3.38653	4.085079001	3.63642664	3.12598563	3.32773999	3.302744362	2.798454606
ENSMUSG00000029730.16	Mcm7	-0.61526	4.263342	-3.33698	0.004597	0.069395	-2.36614	4.708600741	4.715924561	4.26478073	4.434858835	3.770998831	3.686688643
ENSMUSG00000029833.17	Trim24	-0.61459	3.820489	-4.07153	0.001036	0.030035	-0.83474	4.013156922	4.155966066	4.18516356	3.616209443	3.698850045	3.25358751
ENSMUSG00000026020.9	Nop58	-0.61435	3.906574	-3.6881	0.00225	0.044897	-1.60837	4.244138805	4.242553751	4.10810814	4.027740999	3.481493213	3.335411733
ENSMUSG00000016552.13	Foxr2d	-0.61394	1.466741	-2.26825	0.038796	0.207679	-3.76392	1.615029201	1.993458536	1.76443060	0.899335267	1.29386621	1.234325608
ENSMUSG00000037606.17	Ospb15	-0.61355	5.151088	-2.2548	0.039807	0.208663	-3.79401	1.798475342	2.037179913	1.61039683	1.494493535	1.020155398	1.104557733
ENSMUSG00000025880.11	Smad7	-0.61208	2.785773	-2.61379	0.019767	0.155822	-3.43784	3.216201929	3.388943238	3.66032206	2.922175243	2.284933085	2.242061257
ENSMUSG00000034739.16	Adgrb1	-0.61114	1.435758	-2.25975	0.039432	0.208097	-3.77187	1.709666705	1.525679575	1.96844435	1.07266687	1.103732507	1.234325608
ENSMUSG00000034329.16	Brip1	-0.60999	2.27192	-2.6427	0.018665	0.152281	-3.2755	2.743613407	2.765506899	2.22883404	2.11293074	2.05204829	1.728589799
ENSMUSG00000027379.13	But1	-0.60842	2.807062	-2.46157	0.026677	0.177985	-3.71653	3.199991702	3.213605228	3.1117014	2.922175243	2.780564695	1.914335318
ENSMUSG00000063160.12	Numb1	-0.60739	2.629915	-3.01867	0.008776	0.098962	-2.65387	3.081114306	3.150999813	3.62052105	2.263609653	2.302744362	2.365002714
ENSMUSG000000033766.14	Theml131l	-0.60735	4.297535	-3.77042	0.001904	0.041006	-1.50972	4.624169855	4.632868821	4.52044479	4.135903034	4.2691657	3.59904834
ENSMUSG00000071855.4	Cdc112	-0.60585	2.006341	-2.47398	0.026037	0.176459	-3.52086	2.271544963	2.540946331	2.2021167	1.275483753	1.872879445	1.875058887
ENSMUSG000000028654.13	Myc1	-0.6058	2.75553	-2.78035	0.014184	0.130453	-3.12516	3.018114306	3.19818877	2.77353267	2.828562193	2.11388754	2.416265966
ENSMUSG000000031826.19	Usp10	-0.60559	3.80318	-4.41661	0.00052	0.020975	-0.15559	4.085532977	4.13599765	4.07903521	3.689042323	3.376080974	3.453390012
ENSMUSG000000022893.14	Adamts1	-0.60289	2.694029	-2.96465	0.010155	0.107283	-2.80228	3.06330303	3.170763068	2.73677474	2.675663924	2.354895644	2.162772347
ENSMUSG000000069310.3	Hist1h3c	-0.60103	3.432416	-2.37418	0.031628	0.191705	-4.02403	3.81435193	4.233185568	3.15413667	3.662159209	2.890654146	2.839825054
ENSMUSG000000037784.14	Dzip11	-0.60085	2.30636	-2.46925	0.026279	0.176849	-3.59073	2.851327224	2.685336241	2.25065588	2.333431102	2.05204829	1.660951082
ENSMUSG000000024665.7	Fads2	-0.59967	2.82659	-2.46677	0.026407	0.177356	-3.71219	3.383437843	3.337412937	2.6405558	2.906988884	2.561346521	2.129795025
ENSMUSG000000070047.11	Fat1	-0.5996	5.530384	-2.55198	0.022336	0.164957	-4.00862	5.896035828	6.159679569	5.4336295	5.523411266	5.673232523	4.542224143
ENSMUSG000000064061.13	Dzip3	-0.59827	3.770252	-3.61301	0.002621	0.048717	-1.73173	4.28241179	4.053239764	3.89944156	3.653085446	3.637010791	3.15049017
ENSMUSG000000029629.16	Phf14	-0.59804	4.387881	-4.5285	0.004417	0.018974	-0.02142	4.671965366	4.807141078	4.57178538	4.272524377	4.116407536	3.887459612
ENSMUSG00000026724.11	Pask	-0.59792	2.1293	-2.17603	0.046248	0.217853	-0.05209	2.463631669	2.380481659	2.37951298	2.086213402	2.248636956	1.234325608
ENSMUSG000000030091.17	Nup210	-0.5979	2.667316	-2.48336	0.027915	0.181137	-3.72575	3.167014379	3.405718951	3.27951295	2.524655505	2.284933085	2.242061257
ENSMUSG000000027699.15	Zfp362	-0.59789	3.118954	-3.00805	0.008967	0.099771	-2.7758	3.45348534	3.664577681	3.12598563	3.038233373	2.948369635	2.480361657
ENSMUSG000000034543.14	Morc2a	-0.59756	4.247125	-4.61997	0.00348	0.018054	0.175002	4.510463281	4.639975707	4.48578927	4.096290474	3.758147229	3.992083004
ENSMUSG000000036916.13	Zfp280c	-0.59711	2.588694	-2.59406	0.020554	0.158152	-3.4295	2.970790891	2.913605228	2.73677412	2.442778498	2.633496370	1.83471815
ENSMUSG000000020070.18	Rufy2	-0.59623	2.659614	-2.48226	0.028471	0.182623	-3.74119	2.765809153	2.913605228	3.08270153	2.844592302	2.516258632	1.83471815
ENSMUSG00000026458.13	Ppf14a	-0.59572	1.598998	-2.31235	0.035643	0.20128	-3.71581	1.663123489	1.901828061	2.09000633	1.21938621	1.29386612	1.234325608
ENSMUSG00000002870.8	Mcm2	-0.59566	3.950019	-2.92082	0.010694	0.110646	-3.12309	4.328575908	4.618549149	3.79604007	4.034744387	3.57240171	3.349802826
ENSMUSG000000038943.16	Prc1	-0.59489	2.510563	-2.29953	0.036534	0.202683	-3.93099	2.743613407	3.004513725	2.60021016	2.891640875	2.009298643	1.81410787
ENSMUSG00000069769.13	Msi2	-0.59388	4.772722	-3.69221	0.002231	0.044692	-1.72563	5.28505249	5.192677844	4.73444531	4.566335327	4.676823739	4.180996106
ENSMUSG00000002478.9	Star4d	-0.59361	3.25167	-2.77215	0.014218	0.132159	-3.05165	2.698170436	2.865908486	2.5546747	2.194602034	2.07295728	2.043894951
ENSMUSG000000039895.14	Fam60a	-0.5935	2.595575	-2.51569	0.02399	0.170562	-3.57181	2.851327224	3.283973678	2.53746531	2.71106868	2.09356756	2.096046233
ENSMUSG000000028633.7	Ctps	-0.59251	2.831365	-2.62376	0.01938	0.154432	-3.42995	2.76368587	3.607715344	2.97634955	2.876171787	2.437831985	2.302497111
ENSMUSG000000037111.9	Set7	-0.59216	3.18766	-3.42319	0.003857	0.06192	-1.98897	3.533286052	3.533333147	3.40901694	2.922175243	2.619352125	3.108794726
ENSMUSG000000044330.8	Gm9790	-0.59185	2.578009	-2.61875	0.019574	0.155099	-3.38196	2.912295242	2.936875008	2.844354	1.719785847	2.546473245	2.480693957
ENSMUSG000000046179.18	E2f8	-0.59175	2.45986	-2.41224	0.029373	0.185875	-3.72425	3.32298994	2.685336241	2.32543677	2.058991933	2.030831824	2.026165986
ENSMUSG000000033436.13	Armcx2	-0.59167	3.664579	-3.26361	0.005338	0.075795	-2.3986	3.985051584	4.2047104	3.67496883	3.724124693	3.298312115	3.10038026
ENSMUSG000000027306.15	Nusap1	-0.59124	1.896555	-2.35746	0.03267	0.194496	-3.69843	1.507425583	2.274871147	2.14715024	2.031246943	1.329055639	1.489582663
ENSMUSG000000039089.14	L3mbt13	-0.59096	3.037791	-3.2428	0.005568	0.077675	-2.30802	3.183597264	3.438696273	3.33716666	2.966798235	2.830533154	2.469953829
ENSMUSG000000039262.16	Prrc2b	-0.59079	6.007308	-4.16659	0.008856	0.027359	-0.83544	6.262792489	6.595886179	6.05030086	5.930647865	5.651852565	5.552370657
ENSMUSG000000038195.15	Rilp	-0.59034	1.456919	-2.2546	0.039823	0.208663	-3.78404	1.663123489	1.699011178	1.87			

ENSMUSG00000048732.5	Klh11	-0.55537	1.94275	-2.23205	0.041575	0.211556	-3.91879	2.30224176	2.540946331	1.90359321	1.410835606	1.748432074	1.750449233
ENSMUSG00000036564.16	Ndrq4	-0.55472	2.032773	-2.5324	0.023214	0.167585	-3.42456	2.30224176	2.414034219	2.22883404	1.820479846	1.774195171	1.683851484
ENSMUSG00000035133.8	Ahrqap5	-0.55444	4.107484	-3.19427	0.006146	0.081899	-2.62042	4.536517173	4.458930757	4.1295347	4.230442989	3.764587842	3.524885954
ENSMUSG00000079036.10	Alkhh1	-0.55358	3.160208	-3.12635	0.070055	0.088278	-2.55763	3.493937384	3.405718951	3.37353905	3.221263362	2.647503165	2.921881010
ENSMUSG00000027778.15	Ifh80	-0.55295	2.541433	-2.31558	0.035422	0.20128	-3.91033	4.907909891	2.88995396	2.53746531	2.728450708	2.626899163	1.850381314
ENSMUSG00000025747.12	Tyms	-0.55162	2.679344	-2.81267	0.013294	0.126069	-3.04858	2.787668587	3.110642075	2.94446549	2.675663294	2.21140005	2.346218484
ENSMUSG00000018547.15	Trim37	-0.55016	3.259848	-2.87366	0.01176	0.116967	-3.06207	3.533286052	3.486790561	3.52134564	3.468867727	2.688725828	2.860073728
ENSMUSG00000074653.4	Kifs5	-0.55007	2.49188	-2.18114	0.045802	0.217455	-4.12749	2.787668587	3.110642075	2.426434	2.164925378	2.647503165	1.81410778
ENSMUSG00000028483.13	Snacp3	-0.54968	3.162539	-2.90318	0.11082	0.112483	-2.98413	3.170763068	3.48855571	3.245613323	2.669505424	2.631804736	2.618010736
ENSMUSG00000035024.13	Ncapd3	-0.54952	3.243646	-2.22832	0.041873	0.212176	-4.23193	3.520288711	3.692189912	3.26154961	3.643954344	2.914018139	2.429876417
ENSMUSG00000034205.16	Lovx2	-0.54932	1.881521	-2.34331	0.033576	0.196277	-3.71937	2.107425583	2.380481659	1.99980852	1.648527164	1.61222769	1.540656848
ENSMUSG0000003534.17	Ddr1	-0.54888	4.278356	-2.89969	0.01116	0.113105	-2.23272	4.517020997	4.874972569	4.25831124	4.290190252	4.161030528	3.56861091
ENSMUSG00000028184.12	Adgrl2	-0.5485	5.121334	-3.92322	0.001397	0.034469	-1.29216	5.515384361	5.29527127	5.36000663	5.191803761	4.720545116	4.644993508
ENSMUSG00000037544.13	Dlgap5	-0.54768	2.374855	-2.51547	0.024001	0.170562	-3.52345	2.390597634	2.816580774	2.69905445	2.400028851	2.009298643	1.933571536
ENSMUSG00000032640.10	Chsy1	-0.54728	2.774087	-2.19641	0.044494	0.214943	-4.1698	3.045269107	3.405718951	2.67981823	3.052105547	2.207925728	2.388653755
ENSMUSG00000029916.11	Akg	-0.54691	2.470151	-2.37782	0.031406	0.190953	-3.78613	2.473853138	2.816580774	2.87850223	2.400028851	2.437831985	1.81410778
ENSMUSG00000025231.14	Iitg8	-0.54614	3.560444	-2.52119	0.023732	0.169665	-3.78845	3.877044395	3.678449855	3.88271448	3.824526679	2.728803267	3.37112383
ENSMUSG00000063894.14	Zkscan8	-0.54591	2.470533	-2.43647	0.028018	0.181318	-3.68366	2.627203915	2.765506589	2.77353267	2.675663294	1.919800921	2.061489091
ENSMUSG00000056394.17	Lig1	-0.54571	3.959787	-3.58027	0.002802	0.051221	-1.83128	4.146014081	4.359108008	4.16455328	3.970455258	3.692108467	4.426485828
ENSMUSG00000032740.16	Ccdc88a	-0.54548	4.638491	-4.11021	0.009599	0.028977	-0.87641	4.874493209	4.89293166	4.94244914	4.627834768	4.365527195	4.127708698
ENSMUSG00000018401.17	Mtmr4	-0.54505	4.283986	-3.47004	0.003506	0.058449	-2.10531	4.477219989	4.904781378	4.30927265	4.020703448	4.1804284	3.811510758
ENSMUSG00000048402.14	Gli2	-0.54502	2.756586	-2.30806	0.035939	0.202085	-3.97425	3.116090444	3.283973678	2.66032206	2.844592302	2.590640828	2.043894951
ENSMUSG00000029635.15	Cdk8	-0.54443	4.17492	-3.95447	0.001312	0.033365	-1.12439	4.436289725	4.359108008	4.52404479	4.096290474	3.664822641	3.968962396
ENSMUSG00000045672.15	Col27a1	-0.54392	2.847656	-2.80887	0.013395	0.126604	-3.0919	3.167014379	3.54795016	2.844354	2.795957527	2.458362094	2.469953857
ENSMUSG00000021597.16	Sif1	-0.54295	3.012402	-2.95383	0.010005	0.106218	-2.85532	3.279280612	3.422301835	3.14012981	3.024226515	2.485397668	2.723077734
ENSMUSG00000041879.13	Ipo9	-0.54238	5.11808	-4.2879	0.006072	0.023982	-0.56456	5.381642329	5.508309124	2.72282702	5.094615843	4.762980382	4.688105193
ENSMUSG0000006098.11	Prrm7	-0.54221	2.466344	-2.64307	0.018652	0.152281	-3.31465	2.871937504	2.88995396	2.49407271	2.058991933	3.230338422	2.162772347
ENSMUSG00000036875.15	Dna2	-0.54146	2.518435	-2.14784	0.048778	0.221249	-4.18909	2.871937504	3.090031796	2.37951295	1.937559983	2.07925728	1.763515136
ENSMUSG00000001761.7	Smo	-0.54038	3.667308	-3.1338	0.006949	0.087573	-2.65186	3.975560135	3.19457955	3.86579117	3.840601442	3.187635884	3.21480305
ENSMUSG00000078584.9	AU022752	-0.53841	3.212457	-3.12154	0.007124	0.089222	-2.57849	3.80579001	3.719283573	3.3139875	3.71106863	2.959640757	3.091717578
ENSMUSG00000028354.13	Fmn2	-0.53589	2.798207	-2.61873	0.019574	0.150099	-3.43115	2.915546672	3.228478566	2.99203117	2.657629637	2.780564695	1.718925754
ENSMUSG00000035455.12	Fign1	-0.53571	2.285802	-2.40893	0.029563	0.186335	-3.69142	2.627203915	2.629302206	2.40316422	2.263609651	1.695483124	2.096046233
ENSMUSG00000030231.10	Plekha5	-0.53564	3.877817	-3.28543	0.005106	0.073913	-2.99818	4.306033339	4.2047104	3.90773294	3.848572153	3.67169263	3.328161994
ENSMUSG00000022914.15	Brwd1	-0.53555	4.912837	-3.25971	0.00538	0.075998	-2.60094	5.122555108	5.123375565	5.27282702	4.87417697	4.895063814	4.189022246
ENSMUSG00000048490.13	Nrip1	-0.53472	3.594651	-3.72113	0.002104	0.043105	-1.48439	4.040725182	3.732641955	3.80494562	3.361554703	3.307163033	3.208985256
ENSMUSG00000004891.16	Nes	-0.53439	4.987798	-3.71237	0.002142	0.043616	-1.70453	5.34156489	5.44073254	4.98617052	4.946517204	4.487345994	4.724454026
ENSMUSG00000008985.11	#N/A	-0.53351	4.831732	-2.33843	0.033895	0.197631	-4.34837	5.113929103	4.933986728	5.19705164	5.13428006	4.743549852	3.867594304
ENSMUSG00000021488.7	Nsd1	-0.53309	6.133392	-3.74285	0.002013	0.042282	-1.68454	4.939106099	6.507337939	6.19958639	6.194151516	6.365084814	5.755318107
ENSMUSG00000061046.9	Hagl1	-0.53275	2.873335	-2.95964	0.009889	0.105743	-2.8146	3.183597264	3.20949562	3.60798002	2.355973671	2.767797399	2.677797399
ENSMUSG00000020167.14	Tcf3	-0.53267	4.67493	-4.43608	0.005051	0.020653	-0.23498	4.973177484	5.012749875	4.83351477	4.580760607	4.304955389	4.344422975
ENSMUSG00000003282.9	Plag1	-0.53124	1.938289	-2.173	0.046514	0.217853	-4.01437	2.240180792	1.993458536	2.30613976	1.883905227	1.813680324	1.813680324
ENSMUSG00000021540.16	Smad5	-0.53033	4.270205	-3.59012	0.002746	0.050549	-1.8642	4.283132937	4.838369463	4.49131685	4.15531805	3.851861663	4.001228487
ENSMUSG00000048285.8	Frmf6	-0.53017	3.044431	-3.14414	0.006805	0.086635	-2.49899	3.116090444	3.388943238	3.42065164	2.812351965	2.688725828	2.38982504
ENSMUSG00000024913.16	Lrp5	-0.52997	3.486073	-3.03057	0.008567	0.078251	-2.81301	3.008573383	4.074378531	3.51049826	3.458488581	3.02547857	3.166842012
ENSMUSG00000034235.16	Usp54	-0.5293	3.016847	-2.64228	0.186861	0.52981	-3.43814	3.685105557	3.371970159	3.42065164	2.844592302	3.02547857	3.429874717
ENSMUSG00000026455.14	Kih12	-0.52881	2.727922	-2.87844	0.011648	0.116121	-2.93621	2.830418235	3.900031796	3.03807854	2.620878021	3.271868722	2.416265986
ENSMUSG00000025233.13	Atp13a3	-0.52817	4.516813	-4.20334	0.007996	0.026202	-0.67744	4.784954202	4.742580193	4.08272438	4.429554082	4.044128627	4.296937586
ENSMUSG00000036792.12	Mbd5	-0.52743	3.455655	-3.25644	0.005416	0.076344	-2.36823	3.669024091	3.63642664	3.79604007	3.468867727	3.187635884	2.975937567
ENSMUSG00000031134.16	RbmX	-0.52737	4.162446	-3.56882	0.002868	0.052286	-1.88913	4.483930211	4.521837508	4.25831124	4.102969663	3.984633484	3.622944759
ENSMUSG00000005225.15	Plekha8	-0.52697	2.766078	-2.35961	0.032534	0.194203	-3.88692	3.709790891	3.502472184	2.6405588	2.745625852	2.405227319	2.33191418
ENSMUSG00000032198.8	Dock6	-0.52572	3.235411	-3.10485	0.00737	0.090645	-2.615	3.703929706	3.388943238	3.37353905	3.132648975	3.02547857	2.787293938
ENSMUSG00000089824.10	Rbm12	-0.52545	3.257994	-2.79601	0.013745	0.128071	-3.20792	3.57158994	3.354795016	3.57439188	3.405442347	2.675115396	2.966629825
ENSMUSG00000049823.9	Ztb12	-0.52533	2.393828	-2.51746	0.023907	0.170415	-3.52412	2.602750871	2.936875008	2.4493344	2.239564129	2.072957107	2.061489011
ENSMUSG00000038718.15	Pbx3	-0.52512	3.209119	-2.50682	0.024412	0.171439	-3.73064	3.279280612	3.622142414	3.44364329	3.499564524	2.754916728	2.655168729
ENSMUSG000000353774.8	Ubxn7	-0.52448	4.774431	-4.03617	0.001113	0.030999	-1.03797	5.047535714	5.207104915	4.8593934	4.682368317	4.326881267	4.523303281
ENSMUSG000000066473.17	Tbcd124	-0.5236	3.183179	-3.22021	0.00583	0.07959	-2.38149	3.507173211	3.56354776	3.2744309	2.952076729	2.992935197	2.808990896
ENSMUSG00000000561.14	Wdr77	-0.52264	2.593345	-2.52934	0.023355	0.168195	-3.56545	2.892257488	2.791269885	2.87802523	2.463687488	1.987439209	2.546915839
ENSMUSG00000063785.12	Utp14a	-0.52173	2.660585	-2.45331	0.027112	0.179309	-3.69704	2.907909891	2.571003565	3.20884256	2.139162282	2.596306937	2.483069357
ENSMUSG00000029290.12	Zfp326	-0.52118	3.452099	-2.83609	0.012683	0.122354	-3.17667	3.543854334	3.319457955	3.72274456	3.587920399	3.02547857	3.003505827
ENSMUSG00000063052.9	Lrrc40	-0.5204	3.085808	-3.24856	0.005504	0.077092	-2.30657	3.397722069	3.388943238	3.3744309	2.745625852	2.818202352	2.889923652
ENSMUSG00000029033.16	Acap3	-0.52021	2.697556	-2.81181	0.013317	0.126119	-3.05387	3.008510557	3.026373159	2.82697193			

ENSMUSG00000041215.15	Yeats2	-0.4803	3.932657	-2.20674	0.043629	0.213843	-4.43242	4.058815639	4.35046909	4.05683947	4.109618006	3.928430797	3.091771578
ENSMUSG00000026918.16	Brd3	-0.48009	4.844779	-3.44123	0.003718	0.060404	-2.23339	4.963607332	5.368832491	4.90979836	4.793895064	4.491234608	4.523303281
ENSMUSG00000039630.19	Hnrnpu	-0.47794	5.027585	-4.00819	0.001177	0.031531	-1.11522	5.257906961	5.197502916	5.33255495	4.994002593	4.631735454	5.17804512
ENSMUSG00000042460.5	C1gal1	-0.47711	2.671364	-2.50677	0.024415	0.171439	-6.30394	2.787668587	2.865908486	4.03310675	2.563914936	2.48636956	2.508947988
ENSMUSG00000031078.13	Cttn	-0.47649	4.230972	-3.88091	0.001522	0.036216	-1.27872	4.574736495	4.5063661	4.33409382	4.020703448	3.962448849	3.887488423
ENSMUSG00000015749.12	Anp3z2e	-0.47567	4.983443	-3.81224	0.001749	0.038925	-1.50376	5.269604552	5.254179076	5.13130596	4.994002593	4.66310002	4.584868328
ENSMUSG00000036554.14	lqce	-0.47507	3.275669	-2.21525	0.042929	0.212526	-4.26196	3.45348534	3.719283573	3.33716666	3.559065536	2.906400828	2.994374816
ENSMUSG00000041415.9	Dicer1	-0.47377	5.245779	-4.39541	0.000543	0.02148	-0.35865	5.488942474	5.557930511	4.40169732	5.101302378	4.926995993	4.997805721
ENSMUSG00000031503.13	Col4a2	-0.47241	4.441813	-3.06467	0.007995	0.094444	-0.92859	4.618082525	5.029082446	4.40609355	4.369885978	4.027944885	4.209494180
ENSMUSG00000028884.14	Rpa2	-0.47069	3.241842	-3.09344	0.007542	0.091676	-2.63809	4.439745284	3.517985183	3.48855571	2.922175243	3.02547857	3.057110571
ENSMUSG00000022521.10	Crebbp	-0.47029	5.426727	-3.97092	0.001269	0.032923	-1.21293	5.649758231	5.811868647	5.2539248	5.291652170	5.261217016	5.024702252
ENSMUSG00000040010.10	Sic7a5	-0.47012	2.994196	-2.46243	0.026632	0.1778	-3.75883	3.383437843	3.371970159	2.92825526	2.966798235	2.767797399	2.546915839
ENSMUSG00000037369.16	Kdm6a	-0.46933	4.30908	-2.61853	0.019582	0.155099	-3.7621	4.422384123	4.681897157	4.51321776	4.142407941	4.459827761	3.634746011
ENSMUSG00000074102.4	Rbm15b	-0.46896	4.373803	-2.72058	0.015984	0.140192	-3.58109	4.689488193	4.880983807	4.26478073	4.440143438	3.839712581	4.127708698
ENSMUSG00000052539.15	Magi3	-0.46889	2.389592	-2.13843	0.049652	0.222533	-4.17313	2.743613407	2.510249534	2.58688179	2.54441876	2.009298643	1.971291202
ENSMUSG00000037395.15	Rcor3	-0.46819	2.765977	-2.49443	0.025013	0.173643	-3.64755	3.216201929	2.841455443	2.91186082	2.71106863	2.485397668	2.429876417
ENSMUSG00000080746.3	Rpsa-ps12	-0.46813	2.987795	-2.51552	0.023998	0.170562	-3.66186	3.279280612	2.95977541	3.42065164	2.657629371	2.633496307	2.975937567
ENSMUSG00000089788.1	#N/A	-0.468	2.129565	-2.18633	0.043553	0.216675	-4.05506	2.500570476	2.600447343	2.30613976	1.883905927	1.883905927	1.129795025
ENSMUSG00000038335.13	Tsr1	-0.46761	2.611013	-2.2797	0.037953	0.205148	-3.98767	2.698170436	3.069122806	2.75527046	2.463874888	2.561346521	2.113019312
ENSMUSG00000009621.18	Vav2	-0.46761	3.522841	-2.99265	0.00925	0.101526	-2.89337	3.669204091	3.96544416	3.64552505	3.437503556	3.09867445	3.32087564
ENSMUSG00000026496.11	Parp1	-0.46655	5.249191	-3.60091	0.002686	0.049724	-1.94549	5.557344892	5.623935696	5.26639358	5.231967031	4.909666615	4.905838141
ENSMUSG00000021690.9	Jmy	-0.46641	2.984878	-2.15907	0.047755	0.220204	-2.84265	3.439745284	3.110624075	3.07927433	2.602134258	3.216111003	2.443359647
ENSMUSG00000022702.15	Hira	-0.46581	3.238715	-2.21906	0.042618	0.212361	-0.03668	2.721070838	2.712557709	2.426434	2.031246943	2.354895644	2.026086375
ENSMUSG00000024533.15	Spir1e	-0.46568	3.836642	-3.01347	0.008699	0.099093	-2.91986	4.20226186	4.063847864	3.89944156	3.872223721	3.565041005	3.399070371
ENSMUSG00000028278.14	Rrad	-0.46531	3.284271	-2.74733	0.015153	0.136008	-3.30527	3.507173211	3.705800343	3.36151652	3.158527607	2.805765249	3.166842017
ENSMUSG00000037426.3	Dpdc5	-0.46346	3.634579	-3.2094	0.00596	0.080458	-2.4974	3.793802083	4.084832889	3.74142048	3.426895657	3.376080974	3.385416769
ENSMUSG00000072235.1	Tuba1a	-0.46333	3.62753	-2.72422	0.015868	0.139769	-3.69393	6.43888217	7.020258956	6.32406167	6.367807665	5.84199834	6.183509075
ENSMUSG00000073664.11	Nbeal1	-0.46318	3.815472	-2.49619	0.024927	0.173405	-3.89117	4.283132937	3.907728692	3.90773294	3.791829642	3.82746032	3.479470761
ENSMUSG0000000881.12	Dlg3	-0.46284	3.210424	-2.98518	0.00391	0.102622	-2.83848	5.58934639	3.38943238	3.37353905	3.024226515	2.95640757	2.957261443
ENSMUSG00000020156.16	Mum1	-0.46251	3.640934	-2.8149	0.013234	0.125684	-3.25843	3.866812472	3.871957531	3.8313371	3.791829642	3.25324226	3.23042174
ENSMUSG00000004865.15	Srp1k	-0.46214	4.708082	-3.67605	0.002306	0.045505	-1.7502	4.953973273	4.928192765	4.92212916	4.717611476	4.291638109	4.439474908
ENSMUSG00000038533.15	Cfbz2i2	-0.46136	4.458906	-3.0534	0.00818	0.095077	-9.25266	4.689488193	4.794457963	4.56655827	4.604486974	4.017411289	4.081029197
ENSMUSG00000045414.7	1190002N15R	-0.46096	2.804034	-2.31162	0.035694	0.20128	-3.97908	3.339716465	3.090031796	2.69905445	2.657629371	2.453862094	2.583910046
ENSMUSG00000032601.13	Prkra2a	-0.45963	3.409968	-2.57467	0.021358	0.161151	-3.65439	3.645275488	3.835276868	3.42065164	3.529621758	3.02547857	3.003505827
ENSMUSG000000029627.1	Mtf2	-0.4571	4.276481	-3.34737	0.040501	0.068326	-2.34613	4.542957786	4.521837508	4.4293165	4.272524377	4.075549725	3.616700314
ENSMUSG0000000399674.10	Zfp229	-0.45667	5.148155	-2.41969	0.02895	0.184552	-4.22994	5.563693395	5.235533323	5.31707524	5.046919102	5.338799957	4.386910316
ENSMUSG00000007703.15	Seleno1	-0.45666	3.663085	-3.21491	0.005893	0.080014	-4.29224	3.956387286	3.907728662	3.79604007	3.578366921	3.307196471	3.306191594
ENSMUSG000000051786.14	Tubgpcc	-0.45663	3.705003	-3.25148	0.005471	0.076896	-4.24948	3.814535193	4.095212035	3.89112026	3.578366921	3.417540581	3.432359057
ENSMUSG000000078786.9	BCO24978	-0.45639	2.356088	-2.28302	0.037712	0.208879	-3.92287	2.500570476	2.571003565	2.66032206	2.239564179	2.05204829	2.113019312
ENSMUSG00000024037.12	Wdr4	-0.45615	2.845439	-2.64693	0.018509	0.152003	-3.38927	3.027006901	3.069122806	3.092772433	2.728450708	2.605067899	2.534370585
ENSMUSG00000021493.15	Pdlim7	-0.45599	2.93072	-2.34035	0.033769	0.197192	-3.9597	3.30981498	3.38943238	2.80937787	2.71106863	2.818202352	2.546915839
ENSMUSG00000020800.15	Lrba	-0.45482	3.421695	-2.66953	0.017696	0.148505	-3.48185	3.63325296	3.771990623	3.53211207	3.257635752	3.425691422	2.909485918
ENSMUSG000000059474.15	Mbt1d	-0.45437	4.533792	-2.61425	0.019749	0.155682	-3.80499	4.677829988	4.979519345	4.60785464	4.781457958	4.04941323	4.106677785
ENSMUSG00000048668.15	Rhno1	-0.45348	2.525925	-2.16583	0.047149	0.219041	-4.1671	2.787668587	3.90031796	2.51593215	2.333431102	2.133925297	2.45671803
ENSMUSG000000039242.9	B3galnt2	-0.45282	2.383165	-2.28747	0.037391	0.204379	-3.92145	2.500570476	2.629302296	2.67981823	2.239564179	2.153688552	2.096046203
ENSMUSG00000003964.12	Zbtb41	-0.45271	3.311033	-2.40594	0.029735	0.186632	-3.93644	3.546167343	3.705800343	3.36151652	3.383665405	2.702209507	3.166842012
ENSMUSG00000027284.16	Cdn1	-0.45243	2.624392	-2.38938	0.037079	0.188787	-3.80067	2.912295242	2.791269885	2.82697193	2.583151155	2.230140613	2.250242929
ENSMUSG000000054008.8	Nds1t	-0.44956	4.089232	-2.40375	0.028662	0.186992	-4.11624	4.450062575	4.35046909	4.13666074	4.193366956	3.367644136	4.037244165
ENSMUSG00000020069.16	Hnrnp3	-0.44914	4.177769	-3.5859	0.00277	0.050885	-1.85269	4.52354904	4.315386631	3.46453156	3.925499974	3.076485746	3.85215887
ENSMUSG00000028282.12	Casp8ap2	-0.44905	3.896792	-2.72502	0.015843	0.139769	-4.83317	4.146014081	3.987899011	4.17145614	4.089580523	3.47365246	3.51215042
ENSMUSG00000039242.9	Abi2	-0.44805	3.662396	-2.79682	0.013723	0.127971	-3.2975	3.86507464	4.031786655	3.75066856	3.671975903	3.489291584	3.174947061
ENSMUSG00000006763.12	Saal1	-0.44733	2.799095	-2.21712	0.042776	0.211429	-4.13981	2.787668587	3.283973678	2.97634955	2.891640875	2.371868272	2.836093657
ENSMUSG000000056919.9	Cep162	-0.44657	3.154701	-2.3905	0.036762	0.188446	-3.92497	3.30981498	3.170763068	3.57439188	3.171294903	3.046773348	2.655168729
ENSMUSG00000029687.16	Ezh2	-0.44615	4.64771	-2.93203	0.010455	0.109063	-3.21418	4.924678966	4.850673973	4.81158889	4.838601865	4.209044777	4.251672852
ENSMUSG00000021811.6	Dnaic9	-0.44609	2.927214	-2.45587	0.026976	0.178849	-3.7226	2.912295242	3.228478566	2.91186082	2.657629371	2.576068027	2.469538857
ENSMUSG000000014850.15	Msh3	-0.44565	3.453851	-3.03232	0.008537	0.097743	-2.80152	3.57158994	3.63642664	3.81379634	3.183950203	3.271428821	3.245913583
ENSMUSG000000036568.6	Birc1	-0.44553	2.783072	-2.19773	0.044383	0.214943	-4.16903	3.294628576	2.685336241	3.05310675	2.333431102	2.576068027	2.75862729
ENSMUSG000000031024.15	Trim33	-0.44527	4.701543	-3.77188	0.001898	0.041006	-1.55776	4.958798344	4.951230301	4.85511241	4.655359197	4.394885375	4.393871464
ENSMUSG000000024135.9	Srb1d	-0.44452	2.656679	-2.34762	0.033298	0.196152	-3.88101	2.932058497	2.913605228	2.77353267	2.657629371	2.302744362	2.360502714
ENSMUSG000000029461.3	Fam168a	-0.44455	3.913657	-3.03114	0.008557	0.097851	-2.90089	4.17178004	4.23185568	3.98812672	3.910800454	3.698850045	3.619810643
ENSMUSG00000036893.16	Ehmt1	-0.44339	4.809383	-3.36165	0.004372	0.066975	-3.3879	5.105251212	5.1633				

ENSMUSG00000024350.5	Dnajc18	-0.40195	3.215639	-2.21677	0.042805	0.212429	-4.2432	3.520288711	3.04790632	3.64552505	2.90698884	3.197190191	2.975937567
ENSMUSG00000045170.14	Camsap2	-0.40069	4.46138	-3.11189	0.007265	0.090174	-2.83785	4.677829988	4.735962314	4.56131205	4.471450888	4.227811807	4.099910489
ENSMUSG00000020898.18	Ctc1	-0.40043	3.527891	-2.21668	0.042812	0.212429	-4.32062	3.749194439	3.835276868	3.56393752	3.634752662	3.417540581	2.966629825
ENSMUSG00000021693.19	Kif2a	-0.40031	3.914159	-2.39447	0.030407	0.188388	-4.09605	4.252022405	4.195092397	3.87427764	4.069260269	3.601474634	3.428228323
ENSMUSG00000005871.4	Rnf169	-0.39968	3.56391	-2.7882	0.013962	0.129196	-3.29103	3.738010701	3.664577681	3.86579117	3.458488581	3.271428821	3.398546769
ENSMUSG00000025758.10	Plk4	-0.39941	3.285699	-2.36972	0.031903	0.192665	-3.99334	3.439745284	3.4549065	3.51049826	3.394594665	3.047121339	2.899737941
ENSMUSG000000446574.7	Prr12	-0.39838	5.061593	-3.14012	0.063861	0.087016	-2.84904	5.28120806	5.339597185	5.155878	5.094615845	4.805348611	4.647908044
ENSMUSG00000075595.9	Zfp625	-0.39665	4.608609	-3.24651	0.005527	0.077252	-2.59285	4.768559764	4.990681451	4.67253801	4.476603379	4.304955989	4.438318191
ENSMUSG00000022498.16	Txndc11	-0.39319	2.820881	-2.15203	0.048394	0.22073	-4.25433	3.871937504	3.90790632	3.09727433	2.762508926	2.702209507	2.44359647
ENSMUSG00000055897.13	Ppp4r1-pp	-0.39226	3.48972	-2.18592	0.045389	0.216675	-3.36359	3.877044395	3.319818877	3.780792	3.529621758	3.367644136	3.071110571
ENSMUSG00000032525.14	Nktr	-0.39223	5.805978	-3.32127	0.004747	0.070695	-2.52474	5.945490371	6.086134373	5.97536377	5.661027947	5.776587038	5.391264968
ENSMUSG00000032423.12	Syncrip	-0.39193	5.323405	-3.73501	0.002046	0.042346	-1.68029	5.508819184	5.523759821	5.52269585	5.222797328	5.11514809	5.047210223
ENSMUSG00000057133.14	Chd6	-0.39172	4.954823	-2.63341	0.019013	0.153491	-3.81779	5.214185583	5.29976565	4.93435546	5.018938684	4.816653565	4.445036225
ENSMUSG00000029202.12	Pds5a	-0.39139	5.4894	-3.02913	0.008592	0.097998	-3.09243	5.842216806	5.580269461	5.62681279	5.518423552	5.310468178	5.058206427
ENSMUSG00000027804.13	Ppid	-0.39054	3.46073	-2.43792	0.027939	0.181144	-3.91424	3.877044395	3.533333147	3.55340685	3.372652412	3.078137519	3.349802826
ENSMUSG00000022526.7	Zfp251	-0.3898	2.730127	-2.17412	0.046415	0.217853	-4.19507	2.951554672	2.95977541	2.86152915	2.639967164	2.421621757	2.546915839
ENSMUSG00000024188.15	Luc7f	-0.38878	4.675857	-2.83731	0.012652	0.122318	-3.39985	4.80116443	4.933986728	4.8593934	4.726289637	4.53332145	4.200978351
ENSMUSG000000010106.12	Ifi2	-0.38846	4.553405	-3.00094	0.009097	0.100476	-3.06739	4.843521822	4.715924561	4.66766403	4.575967596	4.348487802	4.168872547
ENSMUSG00000026355.11	Mcm6	-0.38745	4.572302	-3.26397	0.005334	0.075795	-2.55352	4.718228089	4.838369463	4.73909917	4.507137744	4.23710546	4.393871464
ENSMUSG00000056342.16	Usp34	-0.38736	5.477867	-3.19812	0.006098	0.081642	-2.75922	5.807865301	5.638202265	5.65254846	5.475316978	5.277070968	5.103496538
ENSMUSG00000025236.11	Ube3a	-0.38705	5.083453	-3.32639	0.004698	0.070353	-2.48186	5.395944256	5.207104915	5.22053789	5.053830228	4.847317738	4.775984325
ENSMUSG00000015488.14	Cacfd1	-0.38409	4.258003	-2.86086	0.012067	0.119363	-3.2927	4.408343185	4.418173949	4.49682332	4.324885923	4.316912213	3.982879177
ENSMUSG00000028496.17	Mllt3	-0.38405	3.966773	-2.73226	0.015616	0.138685	-3.48331	3.946705272	4.324237549	4.19874197	3.918393603	3.664822641	3.747734848
ENSMUSG00000043610.14	Zcchc11	-0.38291	5.801262	-2.17618	0.046234	0.217853	-4.65706	5.455193683	5.272586918	5.0881836	4.912702491	4.815035299	4.45205494
ENSMUSG00000030978.15	Rrm1	-0.38241	4.202311	-2.54345	0.022715	0.166062	-3.91876	4.677829988	4.762253612	4.38842767	4.541963109	4.073061639	4.081029198
ENSMUSG0000002142.7	Nup155	-0.38151	4.105484	-2.22144	0.042425	0.212176	-4.44119	4.456900005	4.223756155	4.16455328	4.324885993	3.875857144	3.5869505
ENSMUSG00000042323.16	Pbrm1	-0.38046	5.358837	-3.32581	0.004703	0.070356	-2.50025	5.563693395	5.620346901	5.46205791	5.343336845	5.034833735	5.128752328
ENSMUSG00000028580.15	Pum1	-0.38003	5.312914	-3.27817	0.005182	0.07461	-2.59251	5.554160134	5.527596778	5.42499058	5.306196191	4.961043474	5.103496538
ENSMUSG00000028901.13	Gmeb1	-0.3793	3.293756	-2.22973	0.01476	0.211919	-4.2406	3.771305141	3.422301835	3.2744309	3.132648975	2.970824295	3.019121824
ENSMUSG00000034781.5	Gna11	-0.37905	3.408177	-2.4315	0.028291	0.182324	-3.91265	3.600309098	3.56354776	3.58477102	3.426895457	3.225497235	3.039462705
ENSMUSG00000025134.2	Alyrf	-0.37824	4.467519	-3.11196	0.007264	0.090174	-2.83852	4.599664891	4.844534836	4.54013449	4.29603113	4.227811807	4.296937586
ENSMUSG00000028433.14	Ubp2	-0.37789	4.657325	-2.2762	0.005203	0.07483	-2.53984	4.76855976	4.968270204	4.80272438	4.561492274	4.431774474	4.11128787
ENSMUSG00000022194.15	Pabpn1	-0.37691	3.945743	-2.65869	0.018082	0.150179	-3.61722	4.067776506	4.175661867	4.15064768	3.749887879	3.968036678	3.562445537
ENSMUSG00000015882.17	Lcor1	-0.37635	3.60789	-2.60177	0.020243	0.157832	-3.64948	3.782234701	3.883980059	3.72274456	3.54931756	3.262355237	3.446710856
ENSMUSG000000056342.16	Arid2	-0.37633	5.250424	-2.56473	0.021781	0.162831	-3.9693	5.560522636	5.452890155	5.29512076	5.340513566	5.104130447	4.713366976
ENSMUSG00000055296.14	Tmem245	-0.37619	3.771873	-2.42687	0.028547	0.182941	-4.00636	3.980505184	4.165847577	3.73211274	3.800073636	3.481492313	3.466562627
ENSMUSG00000041859.10	Mcm3	-0.37489	4.226146	-2.62696	0.019257	0.154094	-3.73085	4.401271136	4.674994296	4.17826312	4.161730039	4.035009991	3.907055092
ENSMUSG00000034636.9	Zygl11b	-0.37452	4.415115	-3.03052	0.008568	0.097851	-2.98971	4.555753392	4.611335659	4.62304104	4.418887878	4.170762066	4.110908565
ENSMUSG0000004173.7	Enc1	-0.37413	4.810359	-2.8074	0.013435	0.126604	-4.47285	5.185656786	5.123375565	4.70144104	4.575967596	4.610441071	4.665272688
ENSMUSG00000085438.11	170002014Ri	-0.37366	5.11454	-2.63012	0.019137	0.153774	-3.83739	5.388811015	5.158442796	5.34482023	5.191803761	4.603272385	5.00088467
ENSMUSG00000043610.14	Lkbpk	-0.37356	4.521036	-2.40637	0.029117	0.186632	-4.18477	4.795781233	4.715924561	4.592506627	4.571158606	4.491234608	3.959609397
ENSMUSG00000051329.13	Nup160	-0.37296	3.89661	-2.26429	0.030901	0.207745	-4.32294	4.283132937	4.020939272	3.92417408	4.027740999	4.256914222	3.697981813
ENSMUSG00000041852.14	Tcf20	-0.37254	5.953901	-3.03655	0.008464	0.097312	-3.80035	5.696124111	5.932540417	5.59122207	5.505878298	5.402132513	5.19202575
ENSMUSG00000046434.11	Hnrnpa1	-0.37245	5.367144	-2.96041	0.009873	0.105736	-3.22081	5.582572989	5.638202265	5.43649768	5.436183802	5.102492799	5.006915112
ENSMUSG00000037234.16	Hook3	-0.37194	4.630024	-3.22434	0.005782	0.079328	-2.63889	4.843521822	4.762253612	4.83351477	4.556631471	4.322526269	4.646195706
ENSMUSG00000036676.14	Tmtc3	-0.37169	3.261607	-2.33538	0.034095	0.198317	-4.04829	3.493937384	3.47093661	3.38546221	3.145646315	2.896541262	3.18306831
ENSMUSG0000004099.15	Dnmt1	-0.37163	5.45368	-2.8803	0.011604	0.115859	-3.88052	5.502223995	5.87647728	5.54146724	5.436186802	5.290593466	5.086410387
ENSMUSG00000022191.15	Drosha	-0.37111	4.542468	-2.67087	0.017649	0.148202	-3.69912	4.695282157	4.922375438	4.57178538	4.517139924	4.443864168	4.115126975
ENSMUSG00000039219.17	Arid4b	-0.37108	4.757967	-3.25018	0.005486	0.076935	-2.60281	5.061061079	4.819713663	4.94244914	4.632458795	4.506685305	4.585431074
ENSMUSG00000039585.15	Myo9a	-0.36975	4.485133	-2.151	0.048489	0.220866	-4.63051	4.654227089	4.819713663	4.5454851	4.193363562	4.733735562	3.964293476
ENSMUSG00000020721.16	Helz	-0.36956	4.323383	-2.64085	0.018734	0.152448	-3.72104	4.542957786	4.442765937	4.5077362	4.408141497	4.141368281	3.982790621
ENSMUSG00000026623.16	Lgpat1	-0.36885	4.050216	-2.69561	0.0168	0.144532	-3.56897	4.290806865	4.35046909	4.07167451	3.992204842	3.698850045	3.892790621
ENSMUSG00000037236.14	Matr3	-0.36873	5.761747	-3.49246	0.00335	0.065901	-2.182	5.627203583	5.842995961	6.02575179	5.645098976	5.58610262	5.5382657
ENSMUSG00000040390.13	Map3k10	-0.36778	3.421805	-2.43474	0.028113	0.181717	-3.91039	3.467095772	3.664577681	3.69426939	3.196495457	3.158587352	3.349802826
ENSMUSG00000036197.11	Gyxl1	-0.36738	3.96434	-2.44283	0.027672	0.18028	-4.01291	4.179469378	4.053239764	4.10810814	3.984991352	3.465768861	3.827023758
ENSMUSG00000020576.9	Nbas	-0.36735	3.976098	-2.35919	0.03256	0.194277	-4.17157	4.187133372	4.185409844	4.07167451	4.135909304	3.732093337	3.543789733
ENSMUSG00000024236.17	Svll	-0.36647	3.808375	-2.70358	0.016536	0.142878	-3.50403	3.946705272	4.048832889	3.94042998	3.68013677	3.698850045	3.499297884
ENSMUSG00000036054.15	Supg2	-0.36516	4.042326	-2.84774	0.01239	0.207737	-2.87827	4.29844019	4.155966066	4.20548355	3.992204842	3.764587842	3.827738514
ENSMUSG00000038241.11	Cep250	-0.36332	4.802824	-2.5722	0.021462	0.161255	-3.91641	5.126488846	4.945505313	4.8721607	4.743490107	4.813550994	4.315386623
ENSMUSG00000058013.11	Sept15	-0.36305	5.671261	-3.30187	0.004938	0.072641	-2.56	5.91051003	5.964029059	5.68585715	5.53580563	5.476597739	4.54222736
ENSMUSG00000000631.11	Myo18a	-0.36296	4.879992	-3.41123									

ENSMUSG00000039512.11	Uhrf1bp1	-0.31976	4.140317	-2.4275	0.028513	0.182805	-4.08085	4.313586734	4.34177813	4.23213918	4.135909304	4.017411289	3.801075306
ENSMUSG000000027218.11	Cse1l	-0.31944	4.709472	-2.7324	0.038426	0.062263	-4.44778	4.817194539	4.962612569	4.81600081	4.878076144	4.331226738	4.45172312
ENSMUSG000000030016.14	Pax1p1	-0.31883	3.827294	-2.3874	0.030827	0.189038	-0.08843	3.907311834	4.063847864	3.98028596	3.758374344	3.58353238	3.56861091
ENSMUSG000000024542.8	Cep192	-0.31795	4.545036	-2.14259	0.049264	0.222208	-6.65259	4.859090625	4.537144761	4.68706194	4.618542015	4.48734594	4.081029194
ENSMUSG000000046841.4	Ckap4	-0.31664	3.832476	-2.43399	0.028154	0.181809	-0.00579	4.03159417	4.010009712	3.93232493	3.724124782	3.615794039	3.681008738
ENSMUSG00000005846.11	Rsl1d1	-0.31637	4.284487	-2.51108	0.024209	0.170977	-3.95493	4.483930211	4.529511436	4.32173662	4.218190528	3.984683344	4.168872547
ENSMUSG000000036698.0	Agol2	-0.31559	5.523812	-2.48324	0.025569	0.175411	-4.13404	5.690938867	5.900349132	5.45924014	5.480455701	5.216022486	5.160262815
ENSMUSG000000035342.13	Lts2	-0.31574	3.742118	-1.13669	0.049815	0.222753	-5.0716	3.856507464	3.942634277	3.84727764	3.848572153	3.457841945	3.473243927
ENSMUSG00000001151.9	Pcnt	-0.31544	4.201697	-2.30123	0.036415	0.202683	-3.18189	4.328575908	4.442765937	4.29037245	4.284327568	3.006584258	3.006584258
ENSMUSG000000066324.2	Impad1	-0.31536	4.821246	-2.50437	0.024853	0.171946	-0.04348	5.105251122	4.89293166	4.93029153	4.842598252	4.459827761	4.696574992
ENSMUSG000000040945.13	Rcc2	-0.31445	5.857994	-2.79355	0.013813	0.128301	-3.5596	5.967203583	6.20351165	5.87744724	5.761543943	5.662237937	5.670260044
ENSMUSG00000020994.4	Pnn	-0.31335	4.898588	-2.82605	0.012941	0.124043	-3.44519	5.042998933	4.996230285	5.11707457	4.858474011	4.697167601	4.679585256
ENSMUSG000000079003.1	Samd1	-0.31251	3.653586	-2.18328	0.045616	0.217113	-4.40692	3.985051584	3.732641955	3.70382369	3.56874809	3.504762993	3.426468528
ENSMUSG000000030016.14	Zfp638	-0.31203	5.393249	-2.77968	0.014203	0.130538	-3.57069	5.601208706	5.472927908	5.56786679	5.406792553	5.184036643	5.126664401
ENSMUSG000000026014.15	Raph1	-0.30971	4.377661	-2.54702	0.022556	0.165758	-3.90393	4.497257742	4.529511436	4.56131205	4.353175037	4.08072068	4.243988706
ENSMUSG000000043535.13	Setx	-0.30846	4.761242	-2.45013	0.027281	0.17995	-4.13599	5.14389714	4.715924561	4.87639148	4.686821083	4.540855995	4.603559418
ENSMUSG000000049658.13	Bdp1	-0.30762	4.426176	-2.15897	0.047764	0.220003	-4.60625	4.683670867	4.574717068	4.47467018	4.502093351	3.984683344	4.33721849
ENSMUSG000000025986.6	Slc39a10	-0.3074	4.182425	-2.32781	0.034597	0.195907	-4.26278	4.244138805	4.521837508	4.24528456	4.17446691	3.939685814	3.968962396
ENSMUSG000000054766.13	Set	-0.3058	5.992429	-2.76005	0.014772	0.133664	-3.62539	6.007346624	6.285107427	6.14452158	5.938137538	5.768598673	5.180860749
ENSMUSG000000050953.9	Gja1	-0.30506	4.768681	-2.58292	0.021012	0.159596	-3.89178	4.779510064	5.029082446	4.95450516	4.70888107	4.495112823	4.644993508
ENSMUSG000000057376.10	Rc3h2	-0.30476	5.098477	-2.52911	0.023366	0.16819	-0.02389	5.265715884	5.369834415	5.11707457	5.13428006	4.865408195	4.838550011
ENSMUSG000000020029.5	Nudt4	-0.30376	4.328617	-2.23722	0.041168	0.21069	-4.4543	5.02957786	4.654085307	4.25831124	4.301848457	4.033509096	4.180996106
ENSMUSG000000021327.18	Zkscan3	-0.30364	4.423216	-2.36181	0.032395	0.193723	-4.24883	4.677829988	4.384718652	4.64304406	4.391870328	4.126434176	4.315866623
ENSMUSG000000022031.5	Elp3	-0.30219	3.917089	-2.39961	0.030104	0.187803	-0.08584	4.049798765	4.053239764	4.10089465	3.749858739	3.758147229	3.79056382
ENSMUSG00000004830.18	Ncbp1	-0.30153	4.070092	-2.29382	0.036937	0.203223	-3.30608	4.22841179	4.279429753	4.15064768	4.076065446	3.764587844	3.92157899
ENSMUSG000000029470.13	Aff4	-0.30086	5.749961	-2.92629	0.010577	0.109854	-3.30093	5.943057495	5.92383197	5.83460237	5.670051587	5.569645842	5.558578756
ENSMUSG000000039100.9	Mar-06	-0.30006	5.68221	-2.81893	0.013128	0.125115	-3.50679	5.794432289	5.849141636	5.8518933	5.663289225	5.43278527	5.501716419
ENSMUSG000000021068.15	Nin	-0.29943	4.053239	-2.32197	0.034989	0.200218	-4.25273	4.259863158	4.214264707	4.1295347	4.034744387	3.783738942	3.872790621
ENSMUSG000000048578.11	Mlec	-0.29815	5.38256	-2.70323	0.016547	0.142887	-3.71579	5.582572989	5.561677773	5.45075367	5.343336845	5.094845978	5.262172167
ENSMUSG000000034252.14	Semp6	-0.29805	4.849669	-2.40122	0.03001	0.187565	-4.23478	4.94913201	5.076999232	4.9624869	4.901252447	4.707232957	4.500106669
ENSMUSG000000018474.17	Chd3	-0.2968	6.199012	-2.5867	0.039514	0.208294	-5.55134	6.425001653	6.412997248	6.20632403	6.120356696	6.267466148	5.71928737
ENSMUSG000000039982.7	Dtx4	-0.29663	4.842503	-2.16272	0.047427	0.219621	-4.65606	5.061061079	4.904781378	4.906802027	5.001171279	4.455853392	4.642073072
ENSMUSG000000032777.9	Gtf3c1	-0.29639	5.201747	-2.27227	0.038497	0.206554	-4.49707	5.28120806	5.561677773	5.21051914	5.166520397	5.162250566	4.82830901
ENSMUSG000000005410.5	Mcm5	-0.29503	4.294063	-2.39344	0.030467	0.188438	-4.17022	4.510463281	4.376232186	4.42354572	4.29603113	4.059927126	4.098178821
ENSMUSG000000032555.9	Topp1p	-0.29262	4.744427	-2.58484	0.020933	0.159528	-3.88518	4.86937264	4.990681451	4.16000881	4.673421343	4.510522262	4.606558785
ENSMUSG000000045482.15	Trrap	-0.29225	6.13259	-2.27602	0.038222	0.205878	-4.52058	6.333228266	6.296396178	6.20800354	5.987700639	6.249211163	5.720998465
ENSMUSG000000029863.3	Casp2	-0.29158	4.213869	-2.40685	0.029683	0.186632	-4.13151	4.422384123	4.26110957	4.38482767	4.089580253	4.006584258	4.115216975
ENSMUSG000000033364.13	Usp37	-0.29138	3.870409	-2.26048	0.039377	0.208097	-3.32225	3.994480997	4.010009712	4.0342969	3.766811182	3.764587823	3.652268839
ENSMUSG000000045098.18	Kmt5b	-0.29052	4.715805	-2.58256	0.021027	0.159596	-3.88587	4.884670994	4.788074346	4.90979836	4.522165953	4.251972728	4.668146583
ENSMUSG000000049739.10	Zfp646	-0.29042	4.59461	-2.40929	0.029542	0.186335	-4.18876	4.853919669	4.755725569	4.60785464	4.566333537	4.435815639	4.34801177
ENSMUSG000000021670.14	Hmgcr	-0.28866	5.451921	-2.65823	0.018098	0.150179	-3.80428	5.601208706	5.580269461	5.60403292	5.459799066	5.258363069	5.258363069
ENSMUSG000000044791.16	Setd2	-0.28823	5.815082	-2.64629	0.018533	0.152011	-3.83873	5.860380473	5.941196614	6.07443918	5.761543943	5.56411827	5.688812857
ENSMUSG000000034525.6	Ice1	-0.28672	4.617444	-2.25162	0.040051	0.208688	-4.4734	4.774053303	4.781662358	4.72039297	4.541963109	4.638764828	4.638735895
ENSMUSG000000021555.4	Naa35	-0.28654	4.535974	-2.49312	0.025078	0.173779	-0.02726	4.712525729	4.58211552	4.73909917	4.364337144	4.352759899	4.465004641
ENSMUSG000000022000.10	Zc3h13	-0.28652	4.809747	-2.47062	0.026208	0.176849	-4.10378	4.968400344	4.788074346	5.0881836	4.721956446	4.652720874	4.639146711
ENSMUSG000000026491.13	Ahctf1	-0.28485	4.843691	-2.17386	0.046438	0.217853	-6.63695	5.05656698	5.11319778	4.78932464	4.912702491	4.638764828	4.55192326
ENSMUSG000000046311.13	Zfp62	-0.28309	4.175318	-2.33249	0.034285	0.198803	-2.2575	4.379844578	4.242553751	4.32173662	4.076065446	3.968036678	4.063732529
ENSMUSG000000030541.16	Ihd2	-0.283	4.627955	-2.45925	0.026798	0.178198	-4.1024	4.827783174	4.838369463	4.64801178	4.541963109	4.432436205	4.487957091
ENSMUSG000000015697.14	Setd1b	-0.28252	4.723448	-2.3939	0.03044	0.18841	-4.2331	4.899804298	4.813441066	4.68791748	4.75201418	4.555786996	4.45172312
ENSMUSG000000022100.13	Xpo7	-0.28213	4.748977	-2.292	0.037066	0.203267	-4.4188	4.822498571	4.874972569	4.95850155	4.822504682	4.463791212	4.55192326
ENSMUSG000000022682.7	Rrn3	-0.27948	4.12026	-2.23472	0.041364	0.211294	-4.41949	4.162838703	4.315386631	4.30300005	4.006524153	3.87706862	4.01050979
ENSMUSG000000024384.3	Iws1	-0.27664	4.860776	-2.59543	0.020499	0.180088	-3.87816	4.992129415	5.029082446	4.9783191	4.726289367	4.687031529	4.751804512
ENSMUSG000000057230.13	Aak1	-0.27394	4.438545	-2.21537	0.042919	0.212526	-5.05985	4.71052945	4.5063661	4.50773662	4.455882086	4.227818107	4.238815198
ENSMUSG000000038416.14	Cdc16	-0.27205	4.290266	-2.22959	0.041771	0.211919	-4.46016	4.365381349	4.537144761	4.37652909	4.260625794	4.091007319	4.110908565
ENSMUSG000000003119.14	Kad12	-0.27126	4.702846	-2.27904	0.038001	0.205148	-4.43583	4.80116443	4.844534836	4.8593934	4.75201418	4.439845516	5.20125538
ENSMUSG000000063273.11	Naa15	-0.27006	5.427247	-2.47787	0.025839	0.176099	-4.13904	5.475537546	5.594972213	5.61420174	5.404090876	5.17681111	4.527065662
ENSMUSG000000022119.13	Rbm26	-0.26956	4.889185	-2.48075	0.025694	0.175641	-4.0934	5.033882347	4.996230285	5.03618896	4.850557969	4.693796817	4.724454043
ENSMUSG000000041530.16	Agol1	-0.26853	5.847863	-2.45512	0.027016	0.192024	-4.1948	5.913384409	6.035833488	5.99689693	5.831581437	5.562721029	5.747055524
ENSMUSG000000027665.13	Pik3ca	-0.26686	4.848543	-2.33022	0.034436	0.199179	-3.36206	5.07446082	4.874972569	4.99397944	4.713252877	4.6140121	4.820580288
ENSMUSG000000050609.15	Ctr9	-0.26618	4.453175	-2.28096	0.037861	0.205029	-3.97323	4.561108887	4.695604576	4.50773662	4.369885978	4.264628989	4.319048287
ENSMUSG000000024120.12	Lrrpcr	-0.26583	4.49										

ENSMUSG00000029265.4	Dr1	0.248775	6.354469	2.219648	0.04257	0.212347	-4.61512	6.284094413	6.062526109	6.34099852	6.41016255	6.452366815	6.576663182
ENSMUSG00000029310.13	Nudt9	0.249014	5.71207	2.156305	0.048006	0.220331	-4.71725	5.505525358	5.488760111	5.76328863	5.784577289	5.765390901	5.964877918
ENSMUSG000000166.10	Ttc9c	0.249334	5.984581	2.304766	0.036168	0.202683	-4.46311	5.786312033	5.780054898	6.01043438	6.087055851	6.081365748	6.162262831
ENSMUSG00000070427.3	I18bp	0.249503	7.61635	2.148991	0.048673	0.220972	-4.71163	7.5001568	7.328092815	7.64769243	7.69706577	7.688937475	7.863156291
ENSMUSG00000031608.13	Galnt7	0.249628	5.859364	2.192207	0.044851	0.215717	-4.65904	5.842216806	5.569143223	5.78820236	5.926888397	5.916189728	6.135465127
ENSMUSG00000035158.15	Mitf	0.249636	5.980146	2.140694	0.04944	0.222432	-4.75041	5.823821538	5.687052713	6.05030086	6.085370646	6.038038505	6.197501377
ENSMUSG000000069682.5	Gm10275	0.250687	6.906733	2.189918	0.045046	0.216249	-4.65933	6.857153688	6.626621446	6.68099551	7.079032647	6.891575782	7.143835062
ENSMUSG00000017831.7	Rab5a	0.250843	6.638665	2.334544	0.03415	0.198465	-4.4114	6.286015446	6.167078021	6.27523218	6.444751664	6.410883946	6.629226192
ENSMUSG00000028525.16	Pde4b	0.250877	6.665474	2.200612	0.04041	0.214453	-4.64521	6.447490161	6.4679445	6.70322828	6.726835006	6.724267135	6.923083521
ENSMUSG00000040940.18	Arhgef1	0.251301	6.391885	2.147496	0.04881	0.221249	-4.74602	6.247100206	6.104232935	6.44578008	6.543805329	6.397477482	6.612911811
ENSMUSG0000000308.14	Keap1	0.251415	6.57602	2.14293	0.049232	0.222208	-4.74031	6.524362973	6.264562372	6.55933981	6.583158616	6.693374915	6.83118531
ENSMUSG00000057531.13	Dtnb1	0.251778	6.409148	2.206703	0.043632	0.213843	-4.63744	6.227241736	6.176883972	6.44293032	6.43552047	6.505243811	6.667069543
ENSMUSG000000058126.6	Tpm3-rs7	0.251795	7.411967	2.21233	0.043168	0.212903	-4.60759	7.29319662	7.154105724	7.41084106	7.465956132	7.483690769	7.664013556
ENSMUSG000000036057.11	Ptpn23	0.251815	6.205252	2.300523	0.036464	0.202683	-4.47241	6.046402856	5.986505775	6.20295915	6.232728548	6.434301528	6.328616172
ENSMUSG00000024566.8	Atp9b	0.251855	6.415654	2.274758	0.038314	0.206068	-4.51771	6.303190589	6.132222606	6.43291156	6.571760609	6.481004413	6.572834371
ENSMUSG000000040712.16	Camta2	0.252037	6.328414	2.344545	0.033496	0.196453	-4.39365	6.270575084	6.070438533	6.26397363	6.387089795	6.448371811	6.530032835
ENSMUSG00000029518.13	Rab35	0.252125	6.161635	2.301304	0.036409	0.202683	-4.47088	5.97912675	5.92383197	6.20127376	6.268861661	6.266331954	6.330431454
ENSMUSG000000043131.14	Mob1a	0.252497	7.513014	2.149687	0.048609	0.220972	-4.7134	7.27299856	7.312609546	7.57471736	7.544725423	7.628875621	7.74416445
ENSMUSG00000066568.12	Lsm14a	0.252645	6.582692	2.196619	0.044476	0.214943	-4.6533	6.489776161	6.282839038	6.59443412	6.622614962	6.682361922	6.824127748
ENSMUSG000000032905.4	Atg12	0.253012	5.522294	2.207005	0.043607	0.213843	-4.62149	5.417134772	5.235533323	5.52808407	5.591947614	5.591546759	5.769972758
ENSMUSG00000030720.12	Cln3	0.253067	6.345251	2.13575	0.049903	0.222753	-4.76061	6.188740567	6.080921377	6.38323411	6.395275321	6.378707399	6.644628776
ENSMUSG00000004062.12	Os9	0.253252	7.116186	2.307835	0.035955	0.202085	-4.44682	6.94731234	6.899609108	7.12198246	7.213954566	7.147324298	7.334733616
ENSMUSG000000017466.9	Timp2	0.253522	7.169303	2.209233	0.043423	0.213518	-4.6195	7.058253732	6.877229719	7.192393	7.221647006	7.279602753	7.386692238
ENSMUSG00000002233.13	Rhoc	0.254602	7.430933	2.14958	0.048619	0.220972	-4.71589	7.26330468	7.16646293	7.48267068	7.50177749	7.478807578	7.635858094
ENSMUSG00000001418.13	Glmp	0.254661	6.75778	2.143619	0.049169	0.222153	-4.74232	6.569225511	6.477894161	6.84831397	6.847080996	6.818589289	6.990074678
ENSMUSG000000057193.7	C134a2	0.255033	6.041134	2.152883	0.048317	0.220594	-4.7301	5.94602051	5.697308882	6.09818026	6.093717797	6.228395329	6.818521919
ENSMUSG00000024835.14	Coro1b	0.25542	8.127424	2.171634	0.046634	0.217969	-4.65757	7.988299901	7.872334756	8.13858953	8.184540706	8.182684609	8.398907024
ENSMUSG00000006526.3	Mppe1	0.255558	5.407265	2.151032	0.048486	0.220966	-4.71236	5.326710756	5.07153062	5.43075556	5.488129629	5.480515446	5.646722694
ENSMUSG00000022214.14	Dcaf11	0.255737	5.53068	2.246331	0.040457	0.209437	-4.55299	5.261816706	5.352633674	5.5864403	5.687932131	5.611334657	5.681719947
ENSMUSG00000003744.13	Asc3	0.255819	6.552863	2.441033	0.02777	0.18063	-4.21698	6.387916875	6.358784473	6.50009948	6.622614962	6.705650826	6.713011919
ENSMUSG00000025337.10	Sbds	0.255856	7.722684	2.107776	0.043296	0.213127	-4.60144	7.509230384	7.49710083	7.77891005	7.802383796	7.812968518	7.935510944
ENSMUSG00000025510.13	Cd151	0.255989	5.382192	2.155963	0.048037	0.220331	-4.7023	5.307925399	5.034485804	5.4107642	5.43088264	5.558569436	5.681033963
ENSMUSG00000031443.7	F7	0.256142	5.886836	2.251726	0.040042	0.208688	-4.5553	5.742214769	5.605901773	5.92315198	5.951151628	5.983993554	6.114600348
ENSMUSG000000034271.15	Jdp2	0.256211	5.742166	2.225398	0.042107	0.212176	-4.59793	5.610437064	5.448848989	5.77693124	5.780416676	5.869148656	5.967213322
ENSMUSG000000002897.5	Il17ra	0.256226	7.528789	2.135264	0.049949	0.222753	-4.73774	7.372179045	7.226709473	7.60435179	7.575061711	7.656405361	7.738023135
ENSMUSG00000026315.13	Serpinc8	0.256559	7.100185	2.169041	0.048663	0.218658	-4.69107	6.887836883	6.845303658	7.18300359	7.170102577	7.185537418	7.32929177
ENSMUSG00000019428.16	Fkbp8	0.256869	7.395952	2.329111	0.03451	0.199349	-4.40147	7.271060105	7.132852466	7.39986159	7.498615701	7.502597246	7.570724186
ENSMUSG000000035356.16	Nfkib2	0.257249	6.429345	2.135463	0.04993	0.222753	-4.7606	6.325777274	6.088733824	6.48509684	6.511537166	6.487832597	6.767909784
ENSMUSG00000024981.5	Acs5	0.257412	7.718105	2.179403	0.045953	0.217758	-4.65615	7.576696913	7.446317501	7.74518466	7.746959088	7.811025232	7.982446303
ENSMUSG00000042079.13	Hnmp4	0.257491	6.375368	2.400396	0.030058	0.187691	-4.2925	6.27251419	6.224938208	6.24118948	6.469397245	6.377657402	6.639512831
ENSMUSG00000005625.15	Psmf4	0.257767	6.593033	2.383108	0.031085	0.189975	-4.32184	6.440607882	6.342867367	6.6084906	6.701748508	6.710989434	6.735046283
ENSMUSG00000026656.15	Fcgr2b	0.257811	7.407618	2.173706	0.046451	0.217853	-4.67488	7.253495795	7.111281426	7.47292506	7.511223366	7.467003517	7.62979125
ENSMUSG00000023952.13	Gtppb2	0.25784	7.287403	2.271148	0.03858	0.206554	-4.50757	7.111222865	7.025659041	7.33985003	7.375068698	7.415239835	7.457341179
ENSMUSG000000030966.12	Trim21	0.258114	6.915959	2.197532	0.043499	0.214943	-4.64509	6.740114266	6.693044336	7.03571618	7.019380077	7.058942511	7.164554238
ENSMUSG00000020178.12	Adora2a	0.258636	6.054766	2.138816	0.049616	0.222531	-4.75442	5.916021533	5.74422993	6.11800392	6.073517265	6.148157446	6.335856365
ENSMUSG00000019189.13	Rnf145	0.25874	5.910759	2.535904	0.023055	0.167189	-4.04096	5.850029253	5.737619632	5.75641865	6.073517265	6.039488667	6.070482544
ENSMUSG000000035778.17	Ggt1a	0.258896	7.62159	2.247439	0.040372	0.20925	-4.54009	7.431524777	7.387360468	7.65817359	7.703122896	7.682144422	7.862114422
ENSMUSG00000063229.14	Ldha	0.259075	9.571772	2.145429	0.049001	0.22162	-4.65936	9.488004	9.269582941	9.57023554	9.65130658	9.672067391	9.779435402
ENSMUSG00000018212.17	Pmp22	0.259114	7.069637	2.176397	0.046215	0.217853	-4.67907	6.973773516	6.733472762	7.11394266	7.174072757	7.134232619	7.288324455
ENSMUSG00000018820.13	Zfyve27	0.259131	4.947167	2.193445	0.044745	0.215501	-4.60081	4.642279235	4.844534836	4.9624869	5.039974707	5.040152432	5.15533741
ENSMUSG00000028452.7	Vcp	0.259164	6.087574	2.215107	0.04294	0.212526	-4.62248	5.933284757	5.824400278	6.11259832	6.209706331	6.080075523	6.365380434
ENSMUSG00000027131.3	Emc4	0.259164	5.374267	2.21477	0.042968	0.212526	-4.5997	5.315468919	5.082226399	5.32947227	5.495762954	5.381329051	5.641342038
ENSMUSG000000034765.6	Dusp5	0.259195	5.115202	2.222194	0.042364	0.212176	-4.5671	4.996828752	4.794457963	5.15239327	5.238047956	5.235946234	5.35943048
ENSMUSG000000035227.6	Spcs2	0.259275	5.740021	2.301184	0.036418	0.202683	-4.46391	5.595023509	5.476902277	5.75421236	5.780416676	5.857144884	5.976517312
ENSMUSG000000005779.12	Psmb4	0.259275	7.277697	2.348998	0.033209	0.196054	-4.36898	7.098161787	7.063187138	7.28282217	7.346506444	7.371863762	7.502320436
ENSMUSG000000037966.15	Nin1j	0.259284	8.411072	2.147211	0.048837	0.221249	-4.69127	8.220979486	8.138195205	8.48665435	8.492110359	8.504161745	8.642332722
ENSMUSG00000026663.6	Atf6	0.259299	5.704373	2.332319	0.034297	0.198803	-4.40712	5.547769448	5.444796473	5.72626476	5.821492619	5.773396998	5.912518702
ENSMUSG000000033940.8	Bkr1	0.25956	6.468265	2.147217	0.048836	0.221249	-4.74009	6.270575084	6.222573134	6.51931796	6.503987666	6.506204967	6.650893276
ENSMUSG00000042165.8	Gm9774	0.259782	5.012427	2.307723	0.035962	0.202085	-4.46657	4.822498571	4.825959106	4.99397944	5.101302738	5.089275493	5.214096566
ENSMUSG00000022749.6	Tbcd123	0.259793	5.472329	2.294907	0.036918	0.203223	-4.46545	5.326710756	5.230833987	5.464870			

ENSMUSG00000063268.12	Parp10	0.266851	7.719059	2.270807	0.038606	0.206554	-4.49605	7.569619852	7.423846752	7.76471577	7.796730193	7.8191695	7.940273792
ENSMUSG00000039621.3	Prex1	0.266688	6.274872	2.171224	0.04667	0.217984	-6.65391	8.167795975	7.941556164	8.31649151	8.363815845	8.339743821	8.519827265
ENSMUSG0000002204.9	Sug1	0.266941	5.637575	2.290272	0.03719	0.203612	-4.47966	5.50525358	5.420239368	5.58347771	5.581956586	5.809663373	5.924586485
ENSMUSG00000029007.8	Agtrp	0.266955	6.625938	2.291728	0.036703	0.202683	-4.47564	4.656407096	6.36319572	6.68404813	6.730069592	6.69252074	6.85613645
ENSMUSG00000028563.16	Tm2d1	0.267073	4.273723	2.156333	0.048003	0.220331	-5.56482	4.275417972	4.010009712	4.1295347	4.386405567	4.419582612	4.421384965
ENSMUSG00000040990.17	Sh3kbp1	0.267199	6.681514	2.141554	0.049362	0.222295	-4.74711	6.56764707	6.320924814	6.75354647	6.736527021	6.759357036	6.951008546
ENSMUSG00000028382.15	P1tb3	0.267213	7.042874	2.425573	0.02862	0.183246	-4.23624	6.936345855	6.784070194	7.00706191	7.132240915	7.112941411	7.284583873
ENSMUSG00000043895.5	S1pr2	0.267272	6.616393	2.251291	0.040075	0.208688	-5.55696	6.442331532	6.303127271	6.70203707	6.72249921	6.706814966	6.821548628
ENSMUSG00000031103.15	E1f4	0.267381	6.309471	2.356537	0.032728	0.194489	-4.372	6.180502457	6.00313645	6.34099852	6.385721014	6.43631939	6.510149734
ENSMUSG00000032046.15	Abhd12	0.267382	7.10171	2.300844	0.036442	0.206833	-4.45959	6.937568478	6.806351642	7.16152287	7.227007344	7.178319417	7.299488361
ENSMUSG00000021583.6	Erap1	0.267638	5.761675	2.409161	0.02955	0.182635	-4.27013	5.64377814	5.492691163	5.74257974	5.94074528	5.785431414	5.959022817
ENSMUSG00000010755.16	Cars	0.267692	5.571243	2.156111	0.048023	0.220331	-4.7118	5.560522636	5.197502916	5.54678594	5.557850635	5.766995679	5.797798686
ENSMUSG00000023048.13	Prr13	0.267773	7.02101	2.238818	0.041042	0.210441	-4.57126	6.851975772	6.713400159	7.09682115	7.128972276	7.082977158	7.251912323
ENSMUSG00000022867.9	Usp25	0.267898	8.252901	2.262422	0.039231	0.208097	-4.49523	8.110410003	7.974959955	8.27182368	8.304567275	8.34539407	8.510249834
ENSMUSG0000006703.12	Cd302	0.26791	5.157286	2.146671	0.048886	0.221375	-4.70149	4.968400344	4.874972569	5.21720603	5.1728829	5.254368768	5.455886745
ENSMUSG00000045322.10	Tir9	0.268003	6.206451	2.261596	0.039293	0.208097	-4.54127	5.883402691	6.059878962	6.27202444	6.311251867	6.274252653	6.437897274
ENSMUSG00000009291.12	Pttg1ip	0.268142	6.683875	2.184318	0.045527	0.216939	-4.67314	6.551766943	6.358030968	6.73735573	6.700648054	6.780961858	6.974481188
ENSMUSG00000018585.9	Atox1	0.268314	5.732007	2.221232	0.042369	0.212176	-6.03311	5.610437064	5.403632623	5.77293803	5.817437255	5.7749929	6.013144662
ENSMUSG00000053175.16	Bcl3	0.268539	6.980017	2.252471	0.039985	0.208688	-5.54816	6.840257066	6.654962952	7.04232107	7.057703237	7.075225924	7.2096343
ENSMUSG00000005087.17	Cd44	0.268582	7.617239	2.165104	0.047214	0.219095	-4.6838	7.394609457	7.337959309	7.71715328	7.659612846	7.724473632	7.869624401
ENSMUSG00000037447.16	Arid5a	0.268659	7.388239	2.304125	0.036212	0.202683	-4.46628	7.219723767	7.110002441	7.43255246	7.445737199	7.496806629	7.624610155
ENSMUSG00000002768.7	Mea1	0.268741	4.695994	2.298008	0.036641	0.202683	-4.38613	4.549369775	4.5063661	4.62806786	4.721956946	4.825921445	4.94280205
ENSMUSG00000026749.11	Nek6	0.268929	7.509985	2.321964	0.034989	0.200218	-4.41107	7.342026626	7.245468876	7.5404678	7.642524778	7.543901387	7.745525644
ENSMUSG00000027555.8	Car13	0.268968	8.06748	2.182133	0.045716	0.212725	-6.44115	7.9318190767	7.768346941	8.11282246	8.113613754	8.133769826	8.358613715
ENSMUSG00000014361.5	Mertk	0.269	7.409762	2.303686	0.036243	0.202683	-4.46447	7.295105579	7.118931617	7.41157006	7.449017544	7.505964738	7.677982162
ENSMUSG00000020440.13	Arf5	0.269018	7.568368	2.342207	0.033648	0.196741	-4.37317	7.364017958	7.324788932	7.61388505	7.664700726	7.657703353	7.85113761
ENSMUSG00000090841.1	Myf6	0.269159	7.059418	2.201981	0.044026	0.214334	-6.43481	6.863600057	6.756543191	7.15457227	7.105050451	7.177716283	7.290294919
ENSMUSG00000017707.9	Serinc3	0.269318	8.464187	2.180267	0.045878	0.21765	-6.43264	8.306743152	8.150066734	8.53328479	8.541194859	8.550322655	8.703507874
ENSMUSG00000024789.12	Jak2	0.269406	8.77096	2.165789	0.047153	0.219041	-6.44853	8.597539445	8.48558226	8.82628867	8.830701477	8.835225784	9.050449061
ENSMUSG00000035969.15	Rusc2	0.269484	6.470389	2.252929	0.039769	0.208663	-5.55155	6.78315921	6.164616084	6.56196887	6.54625776	6.582005992	6.658166589
ENSMUSG00000040451.14	Ralb	0.269624	5.815192	2.404072	0.028844	0.186992	-4.28074	5.742214769	5.496611532	5.7915627	5.915550853	5.921962913	6.01758335
ENSMUSG00000021457.14	Syk	0.269717	8.8117	2.169081	0.04686	0.218658	-6.46162	8.683853014	8.493427044	8.85417424	8.874786819	8.888536395	9.075424918
ENSMUSG00000066363.12	Serpina3f	0.269773	7.642492	2.163623	0.047346	0.219385	-6.68563	7.477640294	7.321477465	7.72479905	7.700372809	7.7185909515	7.91154738
ENSMUSG00000038462.3	Uqcrl5	0.269793	6.231878	2.555844	0.021166	0.164159	-0.06769	6.095425782	6.019577597	6.17403623	6.344041802	6.294422698	6.463746679
ENSMUSG00000010045.2	Tmem115	0.269921	4.989414	2.313681	0.035552	0.21028	-4.39307	4.848730113	4.688767146	5.01331881	5.094615843	5.105032746	5.186017674
ENSMUSG00000026827.12	Gpd2	0.269949	6.171797	2.405961	0.029734	0.186632	-4.28239	5.976749987	5.955509182	6.19111985	6.208158374	6.302191075	6.429452074
ENSMUSG00000044701.5	Il27	0.270054	9.270377	2.186323	0.043534	0.216675	-4.59799	9.105659156	8.984587877	9.3167834	9.349932335	9.339271966	9.529535259
ENSMUSG00000020707.6	Rnf135	0.270167	6.15248	2.171689	0.046629	0.219699	-6.69835	5.993305685	5.824400278	6.22966103	6.231205111	6.185837685	6.450471665
ENSMUSG00000052310.9	Sic39a1	0.270262	7.813595	2.282412	0.037756	0.204879	-4.47276	7.670127772	7.525199876	7.84084018	7.893327534	7.876043047	8.076033685
ENSMUSG00000031729.5	Ist1	0.270274	7.496812	2.391798	0.030565	0.188589	-4.28579	7.371274534	7.211285777	7.50333508	7.567239468	7.634155925	7.933580934
ENSMUSG00000052837.5	Junb	0.270325	8.899725	2.20206	0.044019	0.214334	-5.58181	8.752783872	8.601130276	8.95837683	8.992317267	8.977164319	9.163363799
ENSMUSG00000018167.10	Star3	0.270361	7.644916	2.301243	0.036414	0.202683	-4.44419	7.510052433	7.399051433	7.68133033	7.724936882	7.742938411	7.871184072
ENSMUSG0000000290.13	Ilgb2	0.270395	9.403864	2.141184	0.049395	0.222351	-6.47176	9.262426648	9.089869613	9.45456108	9.4584072	9.492872001	9.665047923
ENSMUSG00000029780.14	Nt5c3	0.27043	7.460614	2.245852	0.040494	0.209437	-5.54744	7.287454543	7.206506599	7.48197674	7.529311668	7.497292305	7.779146662
ENSMUSG00000043801.6	Oaz1-ps	0.270466	7.127659	2.230301	0.041715	0.211874	-5.58363	7.059377327	6.806351642	7.1124993	7.272894362	7.105984078	7.409197616
ENSMUSG00000062593.15	Gm49339	0.270569	8.923753	2.155142	0.048111	0.220397	-6.6623	8.739588662	8.6472682	8.97868809	8.960950625	9.000543419	9.251547854
ENSMUSG00000029713.9	Gnb2	0.270802	8.321622	2.290803	0.037152	0.20357	-4.44298	8.151556317	8.048240239	8.35981779	8.396804095	8.417157378	8.56156745
ENSMUSG00000020971.13	Pik3r5	0.270841	8.172584	2.172781	0.042763	0.212429	-5.57687	8.030162215	7.860214379	8.22193197	8.224903872	8.270156292	8.428076159
ENSMUSG00000017705.11	Gpr137b-ps	0.270936	5.193339	2.306746	0.03603	0.20184	-4.42431	5.118248552	4.979519345	5.07351821	5.03939611	5.17923644	5.50332657
ENSMUSG00000041836.9	Ptprc	0.271006	5.290848	2.355353	0.032803	0.194686	-4.34451	5.092135712	5.039869001	5.32638298	5.343336845	5.438264124	5.506541491
ENSMUSG00000041362.16	Shtn1	0.271458	6.080546	2.23078	0.041677	0.21176	-5.59479	5.911051003	5.74422993	6.17403623	6.149684807	6.193017965	6.311256111
ENSMUSG00000053442.8	Kcnn4	0.271557	7.358573	2.329797	0.034464	0.199257	-4.40125	7.219723767	7.057890409	7.39175654	7.449017544	7.439090771	7.593951706
ENSMUSG00000024401.14	Tnf	0.271567	8.549859	2.135001	0.049974	0.222777	-4.70809	8.405032478	8.224642786	8.61309301	8.576417648	8.648047558	8.8391917654
ENSMUSG00000036966.15	Spryd3	0.271599	5.526567	2.445101	0.02755	0.180155	-4.19553	5.345254649	5.277152412	5.54412904	5.514987014	5.709738361	5.691640286
ENSMUSG00000022365.5	Der1	0.271659	5.855445	2.20141	0.044074	0.214361	-6.46254	5.769933106	5.500521277	5.88166257	5.888744866	5.93772282	6.151408604
ENSMUSG00000043729.9	Trim56	0.27169	6.455485	2.154533	0.048166	0.220397	-4.72746	6.274450694	6.122107262	6.59933968	6.507767055	6.530027004	6.739219329
ENSMUSG00000078763.2	Sifn1	0.271751	8.210287	2.310074	0.0358	0.201625	-4.41199	8.030735167	7.942993469	8.25038711	8.279538744	8.318561282	8.439685326
ENSMUSG00000040774.15	Cepl1	0.271901	7.600759	2.269081	0.038734	0.206831	-4.5025	7.421073575	7.304805149	7.7040767	7.717883451	7.661591037	7.828790684
ENSMUSG00000033552.11	Map2k4	0.271914	6.938711	2.49886	0.024797	0.178257	-4.10415	6.776097015	6.704953443	6.92672617	7.017613692	7.041810512	7.165062946
ENSMUSG00000034361.9	Cpne2	0.27195	6.017816	2.154468	0.048172	0.220397	-4.72684	5.813203679	5.66979539	6.15677487	6.138349752	6.130667037	6.23132438
ENSMUSG00000032667.17	Pon2	0.271976											

ENSMUSG00000022564.6	Grina	0.276319	9.009129	2.239571	0.040983	0.210441	-4.51298	8.857315198	8.707281224	9.049013	9.064883772	9.107172362	9.269109783
ENSMUSG00000018999.16	Irf1	0.276368	10.04334	2.137512	0.049738	0.226517	-6.5828	9.665448069	9.735236638	10.1159009	10.10520649	10.1386204	10.29963316
ENSMUSG00000040007.8	Bahd1	0.276395	6.845567	2.483598	0.255511	0.175411	-4.13418	6.866814192	6.59226836	6.86312888	6.969998637	6.915104097	7.06612659
ENSMUSG00000029152.13	Ociad1	0.276457	7.50276	2.369215	0.031934	0.19275	-4.32643	7.130286989	7.245468876	7.53846683	7.591783834	7.567115002	7.763441253
ENSMUSG00000008036.11	Apz1s1	0.276562	7.024911	2.4164	0.202136	0.185133	-4.25335	6.894147895	6.718444553	7.04795844	7.137494374	7.109150662	7.21820145
ENSMUSG00000027882.18	Stxpb3	0.276738	7.440192	2.421811	0.028831	0.184162	-4.23284	7.291285133	7.165231962	7.44968935	7.540426201	7.508352269	7.686157101
ENSMUSG00000037275.9	Foir2	0.276924	8.08307	2.244926	0.040566	0.209514	-4.53104	7.95849725	7.766274568	8.10878258	8.120562428	8.165144028	8.387709746
ENSMUSG00000033220.6	Rac2	0.276998	8.068857	2.187629	0.045242	0.21659	-6.63157	7.914470081	7.746289452	8.13064199	8.091050783	8.164535366	8.366154916
ENSMUSG00000026773.9	Pfkfb3	0.277065	9.054545	2.249718	0.041096	0.208938	-4.4938	8.876247634	8.760420583	9.11248624	9.117988669	9.171746763	9.28832875
ENSMUSG00000020400.17	Tnjp1	0.277087	8.560276	2.246915	0.040412	0.209379	-5.1346	8.353293248	8.271157233	8.6425784	8.661734977	8.64521447	8.787676201
ENSMUSG00000033917.14	Gde1	0.277133	6.568873	2.184073	0.045548	0.216939	-4.66733	5.534902517	5.290726676	5.769962319	5.679962319	5.679962319	5.951968183
ENSMUSG00000040829.14	Zmynd15	0.277138	5.488893	2.142278	0.049293	0.222208	-4.73132	5.33415694	5.087434684	5.61673279	5.560279415	5.67596982	5.658785415
ENSMUSG00000022684.14	Bfar	0.27737	6.940068	2.233773	0.041439	0.211469	-4.58189	6.837639931	6.571932837	6.9944661	7.019380077	7.010315222	7.206672399
ENSMUSG00000042726.14	Trafd1	0.277463	9.142802	2.177248	0.046141	0.217853	-4.61755	8.963757355	8.826153841	9.22396584	9.232633381	9.214442141	9.395877429
ENSMUSG00000069793.11	Sifn9	0.277547	5.97791	2.391281	0.030595	0.188589	-4.30712	5.903562949	5.627515586	5.98126839	6.061565877	6.098037077	6.195510766
ENSMUSG00000021624.9	Cd180	0.277629	7.963379	2.29491	0.03686	0.203131	-4.4462	7.773703068	7.696882995	8.00343977	8.031465781	8.018927444	8.255857872
ENSMUSG00000078153.3	Psm2eb	0.277655	8.859457	2.193112	0.044774	0.215501	-4.59857	8.683124288	8.555348611	8.9243018	8.927946738	8.921512676	9.144508924
ENSMUSG00000071715.11	Ncf4	0.277722	7.25792	2.367138	0.032063	0.19298	-4.33681	7.077236836	6.976013402	7.30496317	7.374378743	7.310193038	7.504733979
ENSMUSG00000056629.11	Fkbp2	0.277733	4.500581	2.201616	0.040056	0.214355	-4.52534	4.252022405	4.270298741	4.5454581	4.682368317	4.548340811	4.704995415
ENSMUSG00000034640.9	Tiparp	0.277774	7.413934	2.360939	0.03245	0.19391	-4.3438	7.316878949	7.099729536	7.40865184	7.470482745	7.505964738	7.681897695
ENSMUSG00000034116.17	Vav1	0.278187	8.785246	2.175444	0.046299	0.217853	-6.63141	8.631554228	8.452637913	8.85531429	8.856344181	8.854033899	9.062103665
ENSMUSG00000038034.1	Igfb8	0.278222	7.935432	2.164816	0.047239	0.219117	-4.675	7.792744334	7.56027369	8.03831456	8.010340405	8.05648407	8.15447063
ENSMUSG00000028599.10	Tnfrsf1b	0.278303	10.60267	2.148949	0.048677	0.220972	-6.62088	10.45705987	10.2844698	10.6500496	10.66445381	10.70553412	10.85446659
ENSMUSG00000078616.1	Trim30c	0.278383	7.381048	2.431171	0.028309	0.182324	-4.21741	7.242655823	7.085483778	7.39839133	7.474351427	7.479781686	7.605622152
ENSMUSG00000030751.7	Psm1a1	0.278481	6.041871	2.258553	0.039522	0.208294	-4.54537	5.865528364	5.683617723	6.15326521	6.139974381	6.174999508	6.23384075
ENSMUSG00000015316.11	Slamf1	0.278509	8.163	2.270011	0.038665	0.206683	-4.48447	7.991835198	7.869314194	8.21114735	8.259692718	8.201498742	8.444512503
ENSMUSG00000021929.8	Kpna3	0.278531	7.954257	2.382252	0.031137	0.190179	-4.28993	7.78529378	7.674561769	7.98641519	8.059206604	8.030664816	8.189397378
ENSMUSG00000034947.13	Tmem105a	0.278551	8.517586	2.264731	0.039058	0.207653	-4.48334	8.360148004	8.208001834	8.65770328	8.577916678	8.615014861	8.779333452
ENSMUSG00000024121.13	Atpv60c	0.278599	7.160701	2.259902	0.039421	0.208097	-4.53069	7.068334717	6.877274404	7.20921669	7.203116015	7.324431175	7.371785061
ENSMUSG00000066149.11	Cdc2c	0.278609	4.355997	2.225238	0.042119	0.212176	-4.45995	4.241338805	4.048483289	4.30927265	4.497031258	4.403164853	4.597541912
ENSMUSG00000022534.13	Mefv	0.27873	7.027059	2.488323	0.025315	0.174569	-4.12054	6.867545097	6.843765603	7.08681503	7.165324298	7.153381284	7.315615749
ENSMUSG00000021591.7	Glrx	0.278787	6.532268	2.248133	0.040318	0.209217	-4.56346	2.99391522	6.224938208	6.65232586	6.59089319	6.667832728	6.758274761
ENSMUSG00000071379.1	Hpcal1	0.278809	6.813182	2.136561	0.049827	0.222753	-4.75331	6.671230609	6.441749597	6.90721612	6.871734621	6.861282456	7.125808683
ENSMUSG00000029404.15	Arlrip4	0.278824	4.325391	2.172866	0.046525	0.217853	-4.54476	4.220226186	3.976715272	4.33409382	4.527140769	4.455853392	4.438318121
ENSMUSG00000025357.7	Dgka	0.278885	6.037243	2.220884	0.042373	0.212176	-4.60945	5.802507096	5.737619632	6.14802539	6.14807034	6.20730844	6.31492886
ENSMUSG00000038722.17	Bud31	0.278901	5.123592	2.271823	0.038531	0.206554	-4.48	4.953973273	4.807141078	5.18003853	5.144028037	5.294978972	5.3613987
ENSMUSG00000033467.12	Crif2	0.278943	7.373118	2.284058	0.037637	0.204554	-4.48236	7.276867674	7.010695241	7.41448239	7.431877717	7.504091465	7.600741938
ENSMUSG00000031021.13	Tmem9b	0.279026	5.32923	2.250243	0.040156	0.208938	-4.53387	5.242332337	4.933986728	5.38694551	5.500829492	5.400066514	5.519330077
ENSMUSG00000055413.1	H2-Q5	0.279545	5.785781	2.155531	0.048076	0.220331	-4.72028	5.753366091	5.356953124	5.91930091	5.873202956	5.846559204	6.065302072
ENSMUSG00000020476.14	Dbnl	0.279597	8.569375	2.280596	0.037887	0.205058	-4.45376	8.398832091	8.267146561	8.62414215	8.663712089	8.640626158	8.821790616
ENSMUSG00000029919.5	Hpgds	0.279661	5.868895	2.477501	0.025858	0.176099	-4.1476	5.719650164	5.587639567	5.87533495	6.032122992	5.903113363	6.095512594
ENSMUSG00000040567.15	Mcoln1	0.279839	5.514711	2.643976	0.18618	0.152281	-3.82549	4.393282044	5.26800693	5.49240414	5.683482798	5.667402722	5.6177512
ENSMUSG00000055994.15	Nod2	0.279958	4.437307	2.201859	0.044036	0.214334	-4.5148	4.159910525	4.288503337	4.60409355	4.517173924	4.483446761	4.732713751
ENSMUSG0000004730.14	Adgre1	0.279986	9.991221	2.184361	0.045523	0.216939	-4.59726	9.839849873	9.676399116	10.0383736	10.04098278	10.08261457	10.26035815
ENSMUSG00000021038.16	Vipas39	0.280125	7.537642	2.25337	0.039916	0.208688	-4.53203	7.99511187	7.201711656	7.60179891	7.598298478	7.617351931	7.816538423
ENSMUSG00000035199.6	Arlrip5	0.280146	6.305028	2.324087	0.034846	0.200218	-4.4301	6.163883756	5.969681153	6.35773884	6.384350933	6.375555114	6.5789556
ENSMUSG00000006589.7	Aprt	0.280178	8.25317	2.396789	0.03027	0.187973	-4.29401	5.56140505	5.460938683	5.83242636	5.964049371	5.916189238	6.022157972
ENSMUSG00000058587.7	Tmod3	0.280355	7.077965	2.222737	0.042321	0.212176	-4.59807	6.90918263	6.731810671	7.17274676	7.146323184	7.195540828	7.350921137
ENSMUSG00000042608.15	Stk40	0.280419	6.881454	2.439469	0.027854	0.180191	-4.21435	6.77199067	6.556992173	6.89475664	6.984539309	6.978009592	7.106137566
ENSMUSG00000038866.15	Zchc2c	0.280427	6.707487	2.457597	0.026885	0.178511	-4.18433	6.481417534	6.475909711	6.74315902	6.769437007	6.816266108	6.958729437
ENSMUSG00000050029.7	Rap2c	0.280455	7.280895	2.266899	0.038896	0.207284	-4.51521	7.135925059	6.918277661	7.35053388	7.350027602	7.394625874	7.517538457
ENSMUSG00000055720.9	Ubl7	0.280473	8.515183	2.4677	0.026359	0.17712	-4.16438	5.664600904	5.531423557	5.82368934	5.841600193	5.990876654	6.038907716
ENSMUSG00000057948.12	Unc13d	0.280476	5.093356	2.272013	0.038516	0.206554	-4.47689	4.944274446	4.735962314	5.1628224	5.24712153	5.16468755	5.30526886
ENSMUSG00000031557.15	Plekha2	0.280511	6.633204	2.342306	0.033641	0.196741	-4.39469	6.378944862	6.368765356	6.73306083	6.737600455	6.727567554	6.955983647
ENSMUSG00000016534.15	Lamp2	0.280536	9.273399	2.219871	0.042552	0.212347	-4.53952	9.093918765	8.973026636	9.3332284	9.332987292	9.360951944	9.546281397
ENSMUSG00000026786.14	Appb1ip	0.280625	6.172065	2.166835	0.047059	0.220441	-4.70668	6.032738712	5.780054898	6.27683339	6.211252628	6.287730636	6.443778974
ENSMUSG00000029826.14	Zhc3hav1	0.280657	7.790408	2.185012	0.045467	0.216816	-4.64429	7.708592242	7.404154488	7.83867356	7.840351647	7.880646365	8.064672828
ENSMUSG00000048234.13	Rnf149	0.280923	8.817689	2.18892	0.045131	0.216249	-4.60709	8.692931165	8.449101894	8.89201673	8.920610147	8.903751474	9.047693064
ENSMUSG00000024052.17	Lpin2	0.281092	5.916214	2.494993	0.024986	0.17357	-4.11637	5.823821538	5.587639567	6.01082996	6.002064865	6.096761424	6.076168907
ENSMUSG00000039232.11	Stx11	0.281101	7.602576	2.302492	0.036326	0.202683	-4.44317	7.442762123	7.285673967	7.65987776	7.689874467	7.6637	

ENSMUSG0000040033.15	Stat2	0.285972	9.246141	2.261249	0.039319	0.208097	-4.46775	9.040582953	8.944967429	9.32551293	9.337950189	9.335761922	9.492068276
ENSMUSG0000024014.7	Pim1	0.286067	8.179975	2.140635	0.049446	0.222432	-4.70941	8.0432829	7.774010922	8.29610803	8.254826947	8.295674012	8.415944433
ENSMUSG0000021814.16	Anx7	0.28607	8.25539	2.253824	0.039882	0.206868	-4.51031	8.069171628	7.920552702	8.34920272	8.341043335	8.345913016	8.506441146
ENSMUSG0000034974.12	Dap3k	0.286081	5.011476	2.21345	0.028857	0.184162	-4.20107	4.806527614	4.762253612	5.02860579	5.043451082	5.129723644	5.248796091
ENSMUSG0000031779.3	Ccl22	0.286084	4.743028	2.173982	0.046427	0.217853	-4.60865	4.46694575	4.46694575	4.85081867	4.885843031	4.788487257	5.002676606
ENSMUSG0000026979.16	Psd4	0.286164	7.442579	2.275865	0.038233	0.205878	-4.49494	7.273966812	7.107441064	7.51762605	7.482057036	7.543901387	7.730481407
ENSMUSG0000070003.6	Ssb4	0.286185	6.181208	2.555556	0.221719	0.164159	-4.00698	6.073348916	5.852204684	6.18601597	6.321310509	6.371603454	6.636767013
ENSMUSG0000025198.16	Erlin1	0.28619	5.467839	2.541384	0.022807	0.166062	-4.01496	5.399497694	5.221389141	5.35091399	5.472740736	5.629012028	5.733399932
ENSMUSG0000025792.9	Stat2a10	0.286249	4.980655	2.176906	0.046171	0.217853	-4.632	4.87493209	4.654085307	4.97437317	5.025984257	5.052030811	5.25485247
ENSMUSG0000028779.16	Pef1	0.286353	5.477842	2.59543	0.020499	0.158008	-3.91471	5.269604552	5.29527127	5.43649768	5.503536104	5.518082455	5.642636953
ENSMUSG0000031712.8	Ii15	0.286556	7.634591	2.366063	0.03213	0.193081	-4.32837	7.510052433	7.312609465	7.65201742	7.723851967	7.684274043	7.924736966
ENSMUSG0000037020.16	Wdr62	0.286652	5.598639	2.154753	0.048146	0.220397	-4.71491	5.550968329	5.178105043	5.62681279	5.707786046	5.602373789	5.92578773
ENSMUSG0000096472.1	Cdkn2d	0.286863	5.975421	2.393933	0.030438	0.18841	-4.30213	5.813203679	5.641746972	6.03524324	6.035617426	6.096761484	6.229566009
ENSMUSG0000037049.8	Smpd1	0.286908	4.06259	2.164021	0.047311	0.219371	-4.5086	3.956387826	3.719283573	4.05683947	4.224329665	4.213759471	4.204941801
ENSMUSG0000044786.5	Zfp36	0.286929	9.081715	2.26307	0.039182	0.208097	-4.46947	8.93435688	8.747318112	9.13406922	9.138654487	9.187261382	9.348627696
ENSMUSG0000078920.2	Ifi47	0.287158	9.658995	2.182981	0.045642	0.217113	-4.59193	9.47606352	9.321339322	9.75030842	9.720261054	9.767847491	9.918150325
ENSMUSG0000021451.15	Sema4d	0.287288	8.047957	2.273401	0.038414	0.202623	-4.48185	7.895721344	7.698585792	8.11997674	8.109410707	8.149234601	8.314813647
ENSMUSG0000043257.15	Pigv	0.28731	4.141782	2.142259	0.049295	0.222208	-4.56206	3.887204261	3.895903227	4.19196874	4.29603117	4.213759471	4.365823046
ENSMUSG0000021054.5	Spp1	0.287321	7.454374	2.402703	0.029923	0.187287	-4.26717	7.277833333	7.168921721	7.4854431	7.513105143	7.531681059	7.749262318
ENSMUSG0000025279.7	Dnase1l3	0.287381	5.545926	2.137585	0.049731	0.222657	-4.74204	5.475537546	5.108081835	5.61166625	5.562704113	5.665683181	5.851041133
ENSMUSG0000036067.12	Sic2a6	0.287617	9.705335	2.27061	0.03862	0.206554	-4.43732	9.53863367	9.393024042	9.75419321	9.798338584	9.778527516	9.96290112
ENSMUSG0000035208.15	Sifn8	0.287642	8.969276	2.087161	0.037413	0.204415	-4.43024	8.820677509	8.643295047	9.01295857	9.002176524	9.102889953	9.623658886
ENSMUSG0000046229.9	Scand1	0.287804	5.168513	2.255979	0.039718	0.208663	-5.11545	5.139653914	4.735962314	5.18345724	5.231967031	5.372922939	5.347115408
ENSMUSG0000040456.15	Akt2	0.287863	6.930685	2.537367	0.022989	0.167019	-4.03299	6.864885881	6.633759099	6.86099551	7.045619571	6.978116988	7.300730273
ENSMUSG0000057411.8	Fam173a	0.2879	4.474305	2.444	0.027609	0.180155	-4.0896	4.372631088	4.251861493	4.36453156	4.541963109	4.632524619	4.679582566
ENSMUSG0000032175.10	Tyk2	0.287909	6.93876	2.573959	0.21388	0.161176	-3.96472	6.78699047	6.663706225	6.93384809	7.067980716	7.000799178	7.17923442
ENSMUSG0000030745.9	Ii12r	0.287968	4.866553	2.300858	0.036441	0.202683	-4.40178	4.599664891	4.632868821	4.92212916	5.032996725	4.889181257	5.124279641
ENSMUSG0000020346.16	Mgat1	0.288167	7.494326	2.406557	0.0297	0.186632	-4.25907	7.407902196	7.130331373	7.51423265	7.581657527	7.648156411	7.683673976
ENSMUSG0000046879.6	Irgn1	0.288196	9.99713	2.168475	0.046914	0.21874	-4.60651	8.959171274	8.639421741	10.061666	10.0568622	10.08832219	10.27751463
ENSMUSG0000014226.10	Cacybp	0.288263	6.579705	2.491843	0.025141	0.173779	-4.12314	6.433692614	6.264562372	6.67021839	6.702848123	6.647087570	6.822838635
ENSMUSG0000026672.11	Optn	0.288411	8.727558	2.380959	0.031215	0.190335	-4.31979	5.591920938	5.348301253	5.80161248	5.84558295	5.897263603	5.880661721
ENSMUSG0000028530.14	Jak1	0.288484	8.366473	2.243076	0.04071	0.209754	-4.52593	8.283323331	7.989638665	8.43057578	8.454740261	8.45493553	8.600555512
ENSMUSG000002205.15	Vrk3	0.288502	5.061627	2.259483	0.039452	0.208101	-4.49589	4.80116443	4.807141078	5.13484198	5.046919101	5.245186907	5.334507506
ENSMUSG0000051439.6	Cd14	0.288534	8.341677	2.353467	0.032923	0.19504	-4.33047	8.167274958	8.018555496	8.40810402	8.419724078	8.475984635	8.560416769
ENSMUSG0000051007.14	Gatd1	0.288556	4.440912	2.302245	0.036344	0.202683	-4.33874	4.450602575	4.155966066	4.27763333	4.609189016	4.448734594	4.66527688
ENSMUSG0000036986.16	Pml	0.288683	7.969883	2.373096	0.031695	0.191895	-4.306	7.779169122	7.669361301	8.02931384	8.056628444	8.053528399	8.231292569
ENSMUSG0000032812.16	Arap1	0.28871	8.978817	2.260392	0.039384	0.208097	-4.47727	8.928936606	8.629078999	9.04713768	9.066806996	9.068978549	9.192160385
ENSMUSG0000061731.9	Ext1	0.289161	5.580798	2.247521	0.040365	0.20925	-4.5524	5.378044584	5.202311904	5.71688584	5.753076156	5.660512225	5.779384747
ENSMUSG0000050351.6	Ier3	0.289209	6.146935	2.442777	0.027675	0.18028	-4.21494	5.906063288	5.885475855	6.2113567	6.180007334	6.304402995	6.394305422
ENSMUSG000005354.15	Txn2	0.289245	5.385493	2.266332	0.038938	0.207346	-4.50896	5.222234112	5.001757859	5.48440406	5.596228826	5.426707047	5.581625493
ENSMUSG0000022175.8	Lrp10	0.28925	7.822268	2.244761	0.040579	0.203514	-4.53751	7.768162225	7.487283201	7.92952826	7.98927871	7.912025091	8.147279312
ENSMUSG0000026111.15	Unc50	0.289281	5.633789	2.611986	0.019838	0.155892	-3.89065	5.554160134	5.335225378	5.57308922	5.7059359	5.770199889	5.864655493
ENSMUSG0000009095.7	Mmp14	0.289565	9.156793	2.242956	0.040719	0.209754	-4.5026	9.032881716	8.799425584	9.25043742	9.190922367	9.287940231	9.425050303
ENSMUSG0000067212.8	H2-T23	0.289779	10.72556	2.206487	0.04365	0.213852	-4.51755	10.56897899	10.39203781	10.782613	10.81060883	10.81396344	10.97975957
ENSMUSG0000028955.3	Vamp3	0.289842	6.906737	2.370129	0.031878	0.192604	-4.33971	6.697448908	6.631977993	6.95500531	6.983634798	6.940213795	7.232142463
ENSMUSG0000020638.7	Cmpk2	0.289851	10.82467	2.216562	0.042821	0.212429	-4.49682	10.65770878	10.5111582	10.8714654	10.90648185	10.90454819	11.096763
ENSMUSG0000060036.13	Rpl3	0.290272	5.220676	2.195723	0.044552	0.214964	-4.6214	5.07446082	5.061203143	5.0881836	5.523411266	5.063846862	5.512949919
ENSMUSG0000062082.16	Cd200r4	0.290282	6.668599	2.454401	0.027054	0.179098	-4.19076	6.449205613	6.394206633	6.72567865	6.76101616	6.739873713	6.941610514
ENSMUSG0000018848.4	Rars	0.290287	7.114909	2.511534	0.024187	0.170977	-4.07666	6.92282817	6.842225907	7.14496002	7.246746016	7.166208571	7.36648671
ENSMUSG0000032316.7	Clk3	0.290485	5.068191	2.36069	0.032466	0.19391	-4.31613	5.75725714	4.844534836	5.155878	5.166520397	5.205498618	5.291789377
ENSMUSG0000040843.6	Chmp2b	0.290519	5.816132	2.156003	0.048033	0.220331	-4.72005	4.75413435	5.348301253	5.87955644	5.902210117	5.89579475	6.095512594
ENSMUSG0000078921.3	Tgtr2	0.290579	8.587473	2.381158	0.031203	0.190335	-4.27339	8.403706065	8.3022876	8.62130902	8.677482317	8.649570765	8.870482429
ENSMUSG0000042677.7	Zc3h12a	0.290628	6.830655	2.251519	0.040058	0.208688	-4.55287	6.662384214	6.441749597	6.95200178	6.923590807	6.938078577	7.06612659
ENSMUSG0000033880.11	Lgals3bp	0.290634	10.68536	2.22514	0.042127	0.212176	-4.48635	10.52197074	10.36132687	10.7380461	10.75906829	10.7870298	10.94474324
ENSMUSG0000045302.13	Preb	0.290644	5.220145	2.68377	0.017201	0.146277	-3.73201	5.042998933	5.007264336	5.16973352	5.300396323	5.426707047	5.373766936
ENSMUSG0000023206.16	Ii15ra	0.290721	7.091265	2.407559	0.029642	0.186632	-4.2678	6.87129787	6.795253933	7.17188648	7.192195319	7.175905367	7.341050352
ENSMUSG0000048779.4	P2ry6	0.290735	7.152756	2.459956	0.026761	0.17813	-4.17069	6.988004902	6.829848823	7.20506312	7.21857949	7.318777184	7.35167516
ENSMUSG0000035392.7	Denn1a	0.290857	7.743734	2.594815	0.020524	0.158008	-3.90491	7.822963699	7.469441331	7.7440275	7.871979942	7.850159368	7.943835637
ENSMUSG0000071014.10	Ndufr6	0.290899	4.094271	2.175807	0.046267	0.217853	-4.49515	3.793082083	3.931029655	4.11528574	4.168113655	4.246337384	4.331071564
ENSMUSG0000035929.11	H2-Q4	0.290924	6.689711	2.256791	0.039656	0.208602	-4.49223	5.555156126	5.817881445	6.76143124	6.756389803	6.80839768	6.939010193
ENSMUSG0000063889.16	Crem	0.291048	5.617719										

ENSMUSG00000020826.6	Nos2	0.296515	12.17331	2.166695	0.047072	0.219041	-4.53887	11.98222181	11.85728742	12.2372498	12.26028739	12.26231079	12.44049317
ENSMUSG00000020203.17	Tmc3	0.29664	6.064903	2.309633	0.03583	0.201681	-4.54741	5.918500391	5.662834242	6.16195617	6.123644481	6.196594897	6.325888959
ENSMUSG000000102037.1	Bcl2a1a	0.296819	5.44308	2.58931	0.20748	0.158889	-3.92413	5.273482767	5.207104915	5.39875904	6.366420458	6.286612265	6.487550412
ENSMUSG00000036810.16	Cnep1r1	0.296988	5.155001	2.514773	0.202034	0.170639	-4.04253	5.052058273	4.807141078	5.14890002	5.259131548	5.268032911	5.39473925
ENSMUSG00000019578.11	Ubxn6	0.297112	5.513819	2.642437	0.186765	0.152281	-3.82795	5.395944256	5.197502916	5.49544867	5.591481704	5.708068515	5.694462184
ENSMUSG00000056145.5	Ai5O4432	0.297252	5.232008	2.488668	0.40262	0.209164	-4.52894	5.14812792	4.844534836	5.24691934	5.204281202	5.383422949	5.564760614
ENSMUSG00000009072.17	Mndal	0.297258	8.898714	2.396209	0.303004	0.188001	-4.237	8.732914386	8.582807184	8.93549638	8.982163757	8.983389717	9.157515238
ENSMUSG00000039853.18	Trin14	0.297267	5.703848	2.462826	0.262611	0.177749	-4.1697	5.502223995	5.374102747	5.78145026	5.867329247	5.768598673	5.929385475
ENSMUSG00000047722.14	Cdc45e1	0.297457	6.830342	2.324929	0.34789	0.200154	-4.42245	6.68002309	6.443781562	6.60293556	6.917927067	6.914838016	7.152353118
ENSMUSG00000022911.18	Ifnar2	0.297618	6.850307	2.432166	0.282524	0.182193	-4.22825	6.731681539	6.473925227	6.89892177	6.965424548	6.934512844	7.09737947
ENSMUSG00000064120.13	Mocs1	0.297639	5.673097	2.536135	0.230044	0.167189	-4.0337	5.531667773	5.348301253	5.68585715	5.82956951	5.711406217	5.931778997
ENSMUSG00000050957.4	Insl6	0.297738	4.71011	2.420729	0.288891	0.184266	-4.16621	4.636267997	4.35046909	4.68223683	4.814388233	4.825921445	4.951375486
ENSMUSG00000070031.11	Sp140	0.297843	7.550546	2.37564	0.315139	0.191501	-4.31348	7.299866953	7.243137247	7.66369177	7.628124205	7.700320575	7.768136766
ENSMUSG00000002108.10	Nr1h3	0.297868	6.230075	2.450759	0.272747	0.179934	-4.2005	6.023556851	5.906255773	6.31005481	6.366420458	6.286612265	6.487550412
ENSMUSG00000060938.14	Rpl26	0.297876	7.089708	2.301859	0.36371	0.202683	-4.45797	6.980906757	6.892187811	6.94698196	7.222413989	6.97742405	7.518334976
ENSMUSG00000026107.11	Nabp1	0.297895	4.994394	2.251616	0.400051	0.208688	-4.50256	4.929602845	4.574717068	5.01715577	5.011857957	5.142605053	5.290424279
ENSMUSG00000021981.9	Cab39l	0.297988	5.238299	2.728297	0.01574	0.139139	-3.64874	5.087737248	5.029082446	5.14890002	5.274004824	5.440851229	5.449219165
ENSMUSG00000029298.15	Gbp9	0.298196	8.712318	2.376899	0.31462	0.191207	-4.27739	8.50861354	8.406500546	8.77537456	8.772975714	8.822163546	9.088297164
ENSMUSG0000000708.14	Kat2b	0.298331	5.329274	2.215467	0.42911	0.212526	-4.59438	5.169097694	4.898866885	5.45641686	5.404090876	5.448871392	5.598295474
ENSMUSG00000053559.12	Smagp	0.298471	4.928162	2.391713	0.03057	0.188589	-4.24553	4.671965366	4.647047556	5.00174633	5.107958782	4.980579655	5.159712547
ENSMUSG00000040253.15	Gbp7	0.298522	7.902042	2.317056	0.353322	0.201006	-4.40854	7.771647946	7.517502918	7.97067207	7.962902463	8.013191645	8.176335542
ENSMUSG00000052423.14	B4gal3	0.298652	4.008368	2.301454	0.363699	0.202683	-4.25805	3.803485414	3.810294511	3.95650474	4.096290474	4.218485808	4.164808614
ENSMUSG00000029502.14	Golga3	0.298723	6.824449	2.542738	0.222747	0.166062	-4.0251	6.635514829	6.507337939	6.88218862	6.898855668	7.001480981	7.021315358
ENSMUSG00000024677.13	Msa4e6b	0.298742	8.202165	2.552073	0.22332	0.164957	-3.97142	8.015763941	7.927829868	8.21532847	8.280595568	8.314451818	8.549520085
ENSMUSG00000046223.10	Plaur	0.298815	7.642022	2.404411	0.298284	0.186992	-4.25879	7.46799562	7.294708486	7.70768713	7.720057413	7.742938411	7.909941242
ENSMUSG00000025791.18	Pgm2	0.298928	6.730964	2.559349	0.22014	0.163601	-3.99581	6.673070773	6.370902682	6.73619227	6.858967325	6.833982287	6.949471886
ENSMUSG00000073409.12	H2-Q	0.299028	6.889261	2.437801	0.27945	0.181144	-4.16761	8.526192643	8.359915261	8.73488225	8.794539898	8.793121555	8.92619229
ENSMUSG00000026766.11	Mmadhc	0.299112	5.336451	2.745093	0.01522	0.136501	-3.62342	5.122555108	5.128437658	5.30457026	5.488129629	5.42264025	5.552370269
ENSMUSG00000069792.7	Wfdc17	0.299125	7.493294	2.447271	0.27443	0.180155	-4.1849	7.328109846	7.16646293	7.53713131	7.552675861	7.593583026	7.781800646
ENSMUSG00000032504.15	Pcdc6ip	0.299276	7.80895	2.572531	0.021438	0.161239	-3.94465	7.297964288	7.166158669	7.83921552	7.930887378	7.908394297	8.083487644
ENSMUSG00000026177.11	Sic11a1	0.299503	7.556923	2.475832	0.25942	0.176177	-4.13078	7.445342973	7.206506659	7.57080673	7.656778874	7.634595503	7.827505861
ENSMUSG00000053835.17	H2-T24	0.299555	7.444145	2.485162	0.25427	0.175276	-4.11674	7.245620266	7.145392268	7.49235091	7.545338547	7.5040512	7.659161866
ENSMUSG00000032487.8	Ptg2	0.29998	10.34803	2.321129	0.350545	0.200218	-4.32777	10.1649933	10.03440153	10.3954924	10.41432205	10.45787299	10.62106889
ENSMUSG00000029484.12	Anx3	0.300441	6.960094	2.299109	0.365653	0.202683	-4.46585	6.797802286	6.564481846	7.06751755	7.037797711	7.055060991	7.237956819
ENSMUSG00000029533.14	Necap2	0.300547	7.479185	2.28518	0.37556	0.204554	-4.4774	7.297964288	7.106158669	7.58380114	7.537963738	7.569415951	7.779801159
ENSMUSG00000020828.13	Pld2	0.30065	5.20005	2.232206	0.41563	0.211556	-4.55547	5.165652441	4.742580193	5.23378892	5.311927624	5.252078775	5.50332657
ENSMUSG00000039316.14	Rftn1	0.300682	7.271963	2.50383	0.24556	0.171946	-4.08693	7.099254738	6.933263754	7.33370926	7.365379177	7.407544075	7.492625683
ENSMUSG00000049502.16	Dlx3l	0.300733	7.796635	2.358378	0.32612	0.194379	-4.33754	7.554558613	7.495142642	7.88979488	7.842348802	7.907667041	8.090299236
ENSMUSG00000021807.5	Rtraf	0.30078	6.257212	2.226963	0.41981	0.212176	-4.60195	6.044134467	5.870447746	6.40096331	6.348264328	6.314314634	6.59514613
ENSMUSG00000070034.13	Sp110	0.300858	7.930458	2.463103	0.26597	0.177749	-4.14346	7.736957767	7.613593752	7.99129989	8.047568427	8.007433052	8.185892347
ENSMUSG00000038507.6	Parp2	0.300859	8.51058	2.342959	0.33599	0.196627	-4.34437	8.58779656	8.135054814	8.58912743	8.62855825	8.600237397	8.751719845
ENSMUSG00000069892.9	993011121Ri	0.300889	5.435153	2.365491	0.32165	0.193208	-4.33475	5.197952557	5.216643429	5.4336295	5.619706888	5.362345948	5.780639252
ENSMUSG00000027580.17	Helz2	0.300966	9.61998	2.334767	0.34135	0.198465	-4.32595	9.454232989	9.248965757	9.70408381	9.708538964	9.696694621	9.904962863
ENSMUSG00000037344.13	Sic12a9	0.300976	6.15435	2.559242	0.220218	0.163601	-3.99984	5.923445366	5.849141636	6.23625999	6.329876789	6.307714416	6.276595954
ENSMUSG00000025059.16	Gk	0.301063	6.99388	2.32446	0.34821	0.200198	-4.41987	6.868736493	6.588558188	7.0730575	7.08151317	7.075225924	7.276131933
ENSMUSG00000021298.7	Gpr132	0.301129	6.101906	2.614856	0.191725	0.155822	-3.89549	5.918500391	5.780054898	6.15152072	6.209706631	6.217919043	6.279659594
ENSMUSG00000054676.15	1600014C10R	0.301201	7.488589	2.445604	0.275253	0.180155	-4.18808	7.279762715	7.162766869	7.57341499	7.61006844	7.57400687	7.731512149
ENSMUSG00000011008.13	Mcoln2	0.301502	7.05898	2.297352	0.366687	0.202683	-4.46673	6.917881076	6.64792393	7.15978834	7.153308445	7.144766857	7.330240666
ENSMUSG00000029772.17	Ahcy12	0.301544	5.353677	2.484938	0.25483	0.175276	-4.11251	5.177400998	5.045232186	5.37802179	5.351773682	5.54858332	5.61075538
ENSMUSG00000026810.12	Dpm2	0.301738	5.152612	2.183966	0.45557	0.216939	-4.63554	4.9080569	4.755725669	5.3201845	5.259131548	5.245186907	5.425636934
ENSMUSG00000022744.12	Cldnd1	0.301933	4.691926	2.627429	0.01924	0.154043	-3.78238	4.503875621	4.498567729	4.61799665	4.75201418	4.86840134	4.910699797
ENSMUSG00000025509.15	Pnp1a2	0.302024	6.628251	2.411407	0.29241	0.185875	-4.26972	6.142745675	6.273729647	6.74431688	6.735452788	6.756128626	6.847134668
ENSMUSG00000022964.14	Tmem50b	0.302133	6.301573	2.463539	0.26574	0.177749	-4.17706	6.194888424	5.949801182	6.30221406	6.295302312	6.463296375	6.60393466
ENSMUSG00000024725.12	Ostf1	0.302176	7.022079	2.468814	0.26301	0.176911	-4.15753	6.776097015	6.721797709	7.11573316	7.125696214	7.123626079	7.269523798
ENSMUSG00000035673.9	Sbno2	0.302261	8.410277	2.483934	0.255334	0.154111	-4.09131	8.25512852	8.08190025	8.44203861	8.533489783	8.485275813	8.663743599
ENSMUSG00000042901.10	Aida	0.302332	7.402136	2.586103	0.02088	0.175111	-3.93068	7.201519172	7.168921721	7.38137473	7.457511697	7.470943279	7.732542155
ENSMUSG00000026980.15	Lv75	0.302353	3.832667	2.17317	0.464499	0.217853	-4.44373	3.946167343	3.79763921	3.71331534	3.940961712	3.916912213	4.081029198
ENSMUSG00000020709.15	Adap2	0.30252	7.152581	2.462849	0.02661	0.177749	-4.16536	6.983276687	6.800020551	7.22178536	7.262491429	7.24086721	7.47048825
ENSMUSG00000061360.7	Phf5a	0.302734	4.709014	2.614538	0.191738	0.155682	-3.80861	4.52354904	4.498567729	4.64304406	4.893568324	4.762980382	4.932376758
ENSMUSG00000034612.9	Chst11	0.302763	5.810569	2.388853	0.03074	0.188787	-4.30766	5.613500112	5.43257017	5.92315198	5.8848744		

ENSMUSG00000038508.7	Gdf15	0.30864	4.904706	2.481334	0.025664	0.175618	-0.07924	4.763053288	4.552291305	4.92212916	4.975923471	5.026818742	5.188021417
ENSMUSG00000055371.17	Stam2	0.308683	6.469234	2.681946	0.017264	0.146531	-3.76874	6.268633367	6.176883972	6.49751016	6.610947328	6.536628659	6.724799125
ENSMUSG00000022876.17	Samsn1	0.309353	6.444518	2.20309	0.043933	0.214299	-6.64296	6.219221173	6.043893258	6.60211827	6.472095586	6.548807325	6.780971177
ENSMUSG000000025647.16	Shia5a	0.30942	8.767014	2.497895	0.028484	0.173005	-0.0552	8.586280465	8.452637913	8.79868964	8.844677755	8.862690284	9.057316107
ENSMUSG00000012129.19	Bambi-ps1	0.309606	4.41892	2.589113	0.020757	0.158889	-8.81238	4.175616187	4.33409382	4.551766352	4.526768851	4.650816705	4.649884324
ENSMUSG00000041153.9	Osgin2	0.309727	4.476209	2.2983	0.03662	0.202683	-3.49999	4.259863158	4.105517043	4.57178538	4.627834768	4.570560551	4.71269024
ENSMUSG00000005881.3	Ergi3c	0.309732	6.234106	2.596955	0.020326	0.158008	-3.92441	6.140175892	5.858311339	6.23461308	6.328452608	6.343647547	6.498894324
ENSMUSG000000028643.10	Svbp	0.310119	5.343362	2.698679	0.016698	0.146364	-3.7118	5.14389714	5.071753062	5.34176367	5.459790666	5.426707407	5.616263885
ENSMUSG00000044715.6	Gskip	0.3103	6.650137	2.653476	0.01827	0.150777	-3.72712	6.436289725	4.409882576	6.42807866	4.785615583	4.782152692	4.858816773
ENSMUSG00000025355.6	Mmp19	0.310363	5.375838	2.613842	0.019072	0.153655	-3.84006	5.139653916	5.097795196	5.41629962	5.451963491	5.515304153	5.634011255
ENSMUSG00000041481.16	Serpina3g	0.310541	8.859965	2.454767	0.027034	0.179059	-4.13161	8.665154544	8.533094587	9.01687577	8.935684273	8.96550557	9.143476723
ENSMUSG00000029217.16	Tec	0.310608	5.069111	2.391308	0.030594	0.188589	-4.2602	4.914780505	4.681897157	5.12776125	5.222797328	5.10249279	5.364937686
ENSMUSG00000000736.13	Tspan31	0.311537	5.775202	2.731049	0.015654	0.138906	-3.66979	5.690938867	5.428471602	5.7332795	5.95853588	5.845040398	5.9949472
ENSMUSG000000029925.13	Tbxas1	0.311566	5.002752	2.28413	0.037631	0.204554	-4.4455	4.889733087	4.567280479	5.06612923	5.053830228	5.105032746	5.334507506
ENSMUSG000000032754.14	Sic8b1	0.31157	6.774414	2.444519	0.027581	0.180155	-4.20698	6.693112147	6.355874473	6.80550039	6.840118108	6.89396267	7.057932541
ENSMUSG00000007255.14	Arfgap2	0.311698	4.454099	2.631716	0.019077	0.153655	-3.73846	4.259863158	4.288503337	4.34023296	4.632458795	4.680234367	4.523303281
ENSMUSG000000059288.13	Cdy1	0.311894	4.007817	2.301213	0.036416	0.202683	-4.25735	3.738010701	3.758993282	4.04185029	4.116235885	4.19480754	4.197003982
ENSMUSG000000050490.7	Gmb394	0.3121	5.547841	2.61787	0.019608	0.155139	-3.87548	5.403402401	5.277152412	5.48993694	5.679019701	5.543667354	5.894225621
ENSMUSG000000031488.13	Rab11fip1	0.312296	6.490844	2.482124	0.025624	0.175594	-4.14182	6.362653277	6.078307799	6.56065494	6.574166104	6.647938695	6.721344394
ENSMUSG000000046711.6	Hmgal1	0.312399	7.871786	2.607893	0.019999	0.156849	-3.87677	7.16201848	7.570538705	7.81462353	8.014738695	7.877900754	8.190896932
ENSMUSG000000052776.10	Oas1a	0.312685	9.044903	2.448814	0.027351	0.180155	-4.13702	8.873375645	8.713189593	9.08006731	9.145343026	9.099550379	9.357890797
ENSMUSG000000040843.10	Tipr1	0.312738	4.740992	2.674597	0.017518	0.14757	-3.69978	4.497257742	4.567280479	4.6870619	4.81031822	4.886230599	4.997805721
ENSMUSG000000015396.3	Cdc83	0.313014	8.871571	2.50261	0.024615	0.171946	-4.04345	8.697990088	8.546393598	8.90138913	8.939654138	8.975950453	9.16804798
ENSMUSG000000020143.13	Dock2c	0.313695	6.435641	2.473144	0.026079	0.176568	-4.15875	6.223237028	6.078307799	6.53278232	6.605077934	6.471193206	6.703245206
ENSMUSG000000025737.10	Wdr24	0.31376	4.066054	2.519718	0.023801	0.170068	-3.87615	3.907311834	3.942634277	3.88271448	4.212025155	4.223142887	4.228496529
ENSMUSG000000031266.6	Gla	0.314423	8.398201	2.560861	0.021948	0.163601	-3.94941	8.216957333	8.081247742	8.25117108	8.453107514	8.526124267	8.686006066
ENSMUSG000000031887.13	Tradd	0.314918	4.455021	2.590277	0.020709	0.158886	-3.81555	4.195910525	4.251861493	4.4293165	4.686821083	4.5960679	4.510748145
ENSMUSG000000018819.10	Lsp1	0.31505	6.68187	2.546169	0.022593	0.165893	-4.02103	6.486438519	6.349385579	6.73502786	6.736527021	6.781755856	7.002082911
ENSMUSG000000042334.13	Tnfrsf14	0.315101	4.594987	2.176401	0.046215	0.217853	-4.5818	4.422384123	4.125908832	4.73444531	4.655359197	4.762980382	4.86849333
ENSMUSG000000021905.13	Dph3	0.315152	3.669084	2.22854	0.042311	0.212176	-3.31966	3.54348534	3.47093661	3.60530795	3.808270789	3.764587842	3.911912655
ENSMUSG000000004337.14	Paf1	0.315279	5.827206	2.918663	0.010741	0.111042	-3.31023	5.601208706	5.655839343	5.74951579	5.919339943	5.924841109	6.112491951
ENSMUSG000000104713.4	Gbp6	0.315322	7.688317	2.658599	0.018085	0.150179	-3.78665	7.523956064	7.379951159	7.68856644	7.785356082	7.765911596	7.986481413
ENSMUSG000000039911.13	Spsb1	0.315488	5.057981	2.518539	0.023856	0.170191	-4.0264	4.822498571	4.749167853	5.11707457	5.111275324	5.200756806	5.347115408
ENSMUSG000000045211.4	Nudt18	0.315892	4.101741	2.163746	0.047335	0.219385	-4.51531	3.79194439	3.79763921	4.2518126	4.260265794	4.26916577	4.282006585
ENSMUSG000000055200.13	Sertad3	0.316207	4.601943	2.219259	0.042602	0.212361	-4.50836	4.290806865	4.233185568	4.77579927	4.789761126	4.693796817	4.82830901
ENSMUSG000000025372.16	Baip2	0.316693	5.030824	2.689139	0.017018	0.145717	-3.70468	4.843521822	4.762253612	5.00174633	5.222797328	5.058614961	5.206908912
ENSMUSG000000034774.18	Tdg	0.316803	3.819429	2.259977	0.039415	0.208097	-4.28972	3.546167343	3.705800343	4.14022098	3.848572153	4.006584258	4.068031857
ENSMUSG000000062324.4	Gpr4a	0.316941	5.923962	2.572955	0.02143	0.161195	-3.97129	5.688036059	5.587639567	6.014279	6.016287482	6.050421432	6.135509075
ENSMUSG000000049047.11	Armxc3	0.317148	5.39245	2.705951	0.016458	0.14248	-3.70101	5.22234112	5.148510261	5.32638298	5.500829492	5.426020545	5.786141396
ENSMUSG000000021285.14	Ppp1r13b	0.317214	4.379688	2.296652	0.036737	0.202785	-3.3614	4.162838703	3.987899111	4.48024044	4.580760607	4.459827761	4.606558785
ENSMUSG000000030522.14	Mtmr10	0.317264	4.118041	2.37611	0.03151	0.191413	-4.14636	4.022404999	3.771990623	4.07167451	4.17446915	4.326881267	4.482505253
ENSMUSG000000083902.2	Gm15975	0.317376	4.820586	2.42331	0.028746	0.183865	-4.17486	4.030321608	4.428433777	4.85511241	5.004742308	4.819749478	5.133083750
ENSMUSG000000024608.14	Rps14	0.317803	8.210468	2.62894	0.019182	0.153861	-3.82758	8.068001394	7.902936263	8.24421668	8.327205296	8.296229803	8.483375326
ENSMUSG000000052160.6	Pld4	0.31788	6.87032	2.295033	0.036851	0.203131	-4.47491	6.792406506	6.38366057	6.9580026	6.969084961	6.96698956	7.15177897
ENSMUSG000000041143.16	Tmc40	0.318607	4.46501	2.527577	0.023436	0.168536	-3.93328	4.437971654	4.13599765	4.41775175	4.575967596	4.563194945	4.746375738
ENSMUSG000000016206.6	H2-M3	0.318712	6.312631	2.534617	0.023113	0.167352	-4.05629	6.130060785	5.929643438	6.39655139	6.44475164	6.391248108	6.583529538
ENSMUSG000000033192.4	Lpcat2	0.319884	4.567674	2.521978	0.023696	0.169529	-3.94564	4.415380735	4.195092397	4.58735418	4.798017049	4.66543208	4.746353671
ENSMUSG000000031109.16	Enox2	0.320103	4.707608	2.776524	0.014293	0.131275	-3.50156	4.585725435	4.418173949	4.62806786	4.830575724	4.856391322	4.925137233
ENSMUSG000000075327.9	Zbtb2	0.320128	4.293938	2.362621	0.032345	0.193723	-4.20343	4.05532977	3.919457955	4.37054279	4.408141547	4.459827761	4.510225538
ENSMUSG000000016623.12	H2-M2	0.320294	4.991512	2.807815	0.013424	0.126604	-3.47485	4.774045303	4.844534836	4.87639148	5.097963165	5.063848662	5.292288206
ENSMUSG000000096727.2	Psmb9	0.320595	7.942596	2.485758	0.025443	0.175264	-4.1015	7.749542538	7.573235624	8.0255137	8.012523254	8.068246568	8.226426263
ENSMUSG000000025287.15	Acot9	0.320615	5.52524	2.598988	0.02048	0.158008	-3.91538	5.40657842	5.182979018	5.49819666	5.508396901	5.507739831	5.845548767
ENSMUSG000000026536.9	Ifi211	0.320665	8.393874	2.571716	0.021483	0.161318	-3.92932	8.213933342	8.059547727	8.2841636	8.509496246	8.458711076	8.69331648
ENSMUSG000000052102.14	Gnpda1	0.320834	4.579103	2.589729	0.020731	0.158889	-3.83587	4.470478411	4.270298741	4.50777362	4.641662622	4.71057253	4.873831648
ENSMUSG000000028149.12	Rap1gds1	0.321003	6.960644	2.564578	0.021788	0.162831	-3.98162	6.795106919	6.594057668	7.01091557	7.055122387	7.055832485	7.272831649
ENSMUSG000000021196.13	Pkrp	0.321116	8.896376	2.445677	0.027519	0.180155	-4.14713	8.698350762	8.525919364	8.98506899	8.98329546	9.018337956	9.161728643
ENSMUSG000000024937.14	Ehbp111	0.321366	6.939566	2.434198	0.028142	0.181809	-4.2226	6.665390044	6.58672036	7.08498826	7.026424071	7.077167166	7.196755521
ENSMUSG000000009563.16	Tor2a	0.321554	4.310618	2.220791	0.042478	0.212294	-4.45647	4.111764519	3.871957531	4.42354572	4.429599122	4.378182496	4.487957092
ENSMUSG000000062070.12	Pgk1	0.322096	6.468853	2.549171	0.022781	0.166062	-4.03123	6.466248871	6.147263872	6.30692362	6.587325105	6.4493716	6.859598676
ENSMUSG000000020386.5	Sar1b	0.322323	4.972285	2.606225	0.020065	0.15715	-3.85468	4.83521822	4				

ENSMUSG00000083892.3	Gm1848	0.335431	5.255794	2.735012	0.01553	0.138104	-3.63609	4.98268457	4.95693266	5.31395927	5.357370954	5.385513812	5.538302708
ENSMUSG00000026248.1	Mrp4a1	0.335744	4.040699	2.491749	0.025145	0.173779	-3.92014	3.825143293	3.719283573	4.04936435	4.242591871	4.156140031	4.251672852
ENSMUSG00000040613.14	Apopb1	0.335865	7.243589	2.724245	0.015868	0.139769	-3.67422	7.099254738	6.86969211	7.23571643	7.364684572	7.316234023	7.552953451
ENSMUSG00000039217.12	Ii18	0.336934	4.019587	2.153419	0.048268	0.220594	-4.51453	3.803848514	3.548519551	4.15761724	4.236530119	4.070360161	4.007646315
ENSMUSG00000040788.11	Eif2b2	0.337161	5.190195	2.663548	0.017908	0.149529	-3.76638	4.90980569	4.868936179	5.27282702	5.30619612	5.306059633	5.437454991
ENSMUSG00000062054.6	Iah1	0.337226	3.737208	2.142929	0.049233	0.222208	-4.47148	3.520288711	3.47093661	3.71331514	3.824526679	3.758147229	4.136035965
ENSMUSG000000062054.6	Pnp1a7	0.337544	4.157502	2.284549	0.037601	0.204554	-3.31491	4.049798765	3.63642664	4.23872684	4.347561341	4.296900875	4.376405209
ENSMUSG00000027944.13	Hax1	0.337926	5.17776	2.464396	0.026561	0.172689	-4.13593	4.90980569	4.850673973	5.25344001	5.259131548	5.214935741	5.578573784
ENSMUSG0000002082.12	Mnt	0.338079	4.992026	2.844868	0.012461	0.121348	-3.40291	4.864243112	4.647047556	4.94647902	5.114588459	5.10249279	5.277308799
ENSMUSG00000022350.6	Wash5	0.338102	5.327337	2.95031	0.010077	0.10682	-3.22654	5.105251212	5.050575507	5.31083655	5.520919565	5.39176828	5.584670761
ENSMUSG000000083041.2	Gmfg-ps	0.338216	5.368021	2.82718	0.012912	0.123939	-3.46734	5.100892613	5.187836581	5.30457076	5.565124473	5.353821876	5.538281066
ENSMUSG00000045404.15	Kcnk13	0.338299	4.920777	2.448213	0.027383	0.180155	-4.14044	4.869377264	4.426417943	4.93840798	5.025984827	5.021450568	5.243025303
ENSMUSG00000020225.10	Tmbim4	0.338478	6.43394	3.044571	0.008328	0.096751	-3.06874	6.310758843	6.139762841	6.3592511	6.564519966	6.523397167	6.741949767
ENSMUSG00000042682.8	Seleno	0.339243	5.617094	2.93535	0.010385	0.108772	-3.27068	5.49891506	5.290762844	5.54678594	5.763653147	5.674260466	5.928187224
ENSMUSG00000015750.15	Aph1a	0.339265	4.850444	2.687818	0.017063	0.145787	-3.68772	4.80116443	4.589476225	4.66277353	4.964966241	4.880312202	5.225573134
ENSMUSG000000106990.1	Gm42547	0.340041	4.382419	2.510617	0.024231	0.171043	-3.94975	4.429353678	3.987899011	4.20548355	4.618542015	4.431774474	4.621462792
ENSMUSG00000019866.13	Crybg1	0.340109	6.738075	2.635279	0.018942	0.153031	-3.85328	6.6173198	6.305364008	6.77975729	6.823010447	6.85827449	7.044724484
ENSMUSG00000027678.17	Ncoa3	0.34189	6.603799	2.706629	0.016435	0.142472	-3.70227	6.395054527	6.208300684	6.69367014	6.694027644	6.81471524	7.087720403
ENSMUSG00000036376.2	Abt1	0.341893	3.452023	2.240864	0.040882	0.210271	-4.23549	3.216201929	3.170763068	3.43219326	3.625517186	3.698850045	3.56861091
ENSMUSG00000032596.14	Uba7	0.342021	7.979383	2.896414	0.11234	0.113597	-3.32375	7.98811752	7.643957999	7.98396662	8.118091707	8.095325093	8.236142376
ENSMUSG00000045980.13	Tmem104	0.342314	6.17081	2.435946	0.028047	0.181378	-4.22683	6.002681478	5.687052713	6.30221406	6.21899539	6.361815058	6.452140023
ENSMUSG00000003746.15	Man1a	0.342946	5.116249	2.625741	0.019304	0.154133	-3.83115	4.939400472	4.702409754	5.1766117	5.179217465	5.279321662	5.420533005
ENSMUSG00000025171.1	Ubd1t	0.343555	5.682534	2.642021	0.01869	0.152281	-3.83484	5.566857202	5.216643429	5.73793711	5.861431365	5.773969989	5.938935829
ENSMUSG00000033040.13	Aph1c	0.343621	3.804339	2.175795	0.046268	0.217853	-4.43007	3.72639589	3.422301835	3.74142048	3.903167129	3.82746032	4.204941801
ENSMUSG00000054091.9	181003711Ri	0.344359	5.578238	2.998245	0.009146	0.100849	-3.1464	5.385231125	5.230833987	5.59379192	5.738136873	5.739468676	5.718966483
ENSMUSG00000040483.1	Xaf1	0.343627	7.902484	2.807551	0.13431	0.126604	-4.49715	7.695643508	7.568677763	7.92698113	7.994227154	8.014205486	8.215171539
ENSMUSG00000059040.4	Eno1b	0.345043	4.685968	2.800066	0.013634	0.127406	-4.54248	4.450062575	4.367695504	4.70620242	4.793895061	4.924122098	4.878383168
ENSMUSG00000043091.8	Tubal1c	0.345185	5.392908	2.592979	0.020598	0.158344	-3.913	5.307925399	4.922375438	5.14629962	5.548094418	4.552865414	5.709844181
ENSMUSG00000024410.14	3110002716R	0.345328	4.781046	2.637114	0.018873	0.152876	-3.7738	4.648265531	4.376232186	4.78483026	4.838601865	4.932726666	5.105618149
ENSMUSG00000044424.3	Gm9493	0.346028	4.487318	2.744848	0.015228	0.136501	-3.52913	4.133586734	4.333034497	4.29670007	4.747758349	4.57616647	4.757121295
ENSMUSG00000039745.7	Httatp2	0.346863	4.48989	2.472177	0.026129	0.176671	-4.03736	4.450062575	4.100009712	4.46346473	4.686821083	4.537098975	4.791881952
ENSMUSG00000024084.7	Qpct	0.347151	4.974677	3.088063	0.007625	0.092209	-2.9819	4.779510064	4.702409754	4.91392034	5.083154837	5.167120427	5.203951959
ENSMUSG00000106037.1	Gm4332	0.348204	6.70636	2.79346	0.013816	0.128301	-3.55311	6.476379013	6.327542693	6.79212653	6.819973193	6.882904647	6.939233261
ENSMUSG000000062611.4	Rps3a2	0.348944	5.761928	2.505131	0.024493	0.171812	-4.0928	5.616556671	5.500521277	5.64810197	6.06804736	5.58610262	6.158180211
ENSMUSG000000081895.3	Rpl17-ps10	0.349087	6.270473	3.092425	0.007558	0.091718	-2.97516	6.134332276	6.073066394	6.07811718	6.374723762	6.318698063	6.648389037
ENSMUSG00000071311.1	Gpr31b	0.349607	4.223758	2.166605	0.04708	0.219041	-4.53356	4.049798765	3.942634277	4.14364429	4.476603319	4.070360161	4.659075662
ENSMUSG00000036845.2	Lin37	0.350517	3.679138	2.43022	0.028362	0.182324	-3.95381	3.68903098	3.405718951	3.48855571	3.925946997	3.738651053	3.907005502
ENSMUSG00000068329.12	Htra2	0.350601	4.800209	2.657509	0.018124	0.15022	-3.7378	4.884670994	4.367695504	4.61293455	4.912702491	4.96943126	5.035817998
ENSMUSG00000062345.10	Serpinb2	0.351064	6.001692	3.069182	0.007923	0.093916	-3.019	5.71640505	5.730978906	5.98714895	6.122007131	6.098037077	6.318448839
ENSMUSG00000025521.1	Tmem192	0.351123	6.212205	2.743242	0.015277	0.13661	-3.64052	5.388811015	5.240217402	5.69785767	5.712161167	5.749244211	5.938935829
ENSMUSG00000053040.13	Gm12399	0.351624	7.492158	2.595771	0.021995	0.163601	-3.97727	7.328693733	7.199308165	7.51015796	7.597116183	7.452616136	7.950571547
ENSMUSG00000022210.6	Dhrs4	0.351816	3.401702	2.142237	0.049297	0.222208	-4.3917	2.989773994	3.265711472	3.39728765	3.625517186	3.67853006	3.453990012
ENSMUSG00000030538.13	Cib1	0.35332	4.45385	2.641493	0.01871	0.152348	-3.718	4.365381349	4.031786655	4.41775175	4.527140769	4.621127749	4.70990562
ENSMUSG00000053101.2	Gpr141	0.353386	5.053309	2.793673	0.01381	0.128301	-3.50681	4.89477448	4.688767146	5.03996565	5.1728829	5.12519035	5.410270806
ENSMUSG00000041453.12	Rpl21	0.353878	5.822323	2.490863	0.025189	0.173964	-4.12068	5.56252989	5.448848989	5.89631997	6.028618284	5.747619157	6.229560609
ENSMUSG00000041390.18	Mdfic	0.353981	8.005848	2.884144	0.011515	0.115391	-3.34673	7.820843155	7.631532373	8.03869784	8.184540706	8.108043148	8.253228705
ENSMUSG00000032518.5	Rpsa	0.354789	6.936847	2.502795	0.024606	0.171946	-4.09658	6.804518756	6.689623599	6.78539282	7.309448272	7.309448272	7.309448272
ENSMUSG00000023904.10	Hcfcr1r1	0.355092	4.433	2.592873	0.020603	0.158344	-3.80527	4.187713372	4.048832889	4.47467018	4.55663471	4.518165927	4.775984325
ENSMUSG00000030617.16	Cp	0.3551	6.256516	2.87456	0.011739	0.116945	-3.4002	5.945490371	5.969681153	6.31785318	6.358060989	6.371313263	6.576663182
ENSMUSG00000039041.15	Adrm1	0.355294	4.7274	2.610623	0.018991	0.156094	-3.81597	4.350771654	4.490726976	4.78924464	5.00830452	4.743549852	4.981724559
ENSMUSG00000016498.9	Pdc1d1g2	0.356857	4.293731	2.581848	0.021057	0.159689	-3.80133	4.146014081	3.835276868	3.3409382	4.424231199	4.546033219	4.741856006
ENSMUSG00000072946.12	Ptgr2	0.356941	5.353555	2.233104	0.042288	0.212176	-4.28385	3.383437843	3.04790632	3.58477102	3.783582828	3.732093327	3.669581387
ENSMUSG0000000380.11	Rabac1	0.357203	6.293317	2.629019	0.018802	0.15282	-3.85006	6.086635534	5.830625509	6.42282274	6.473385268	6.410983946	6.535551348
ENSMUSG00000020437.12	Myo1g	0.357687	7.179273	2.861117	0.012061	0.119064	-3.4134	6.99036321	6.780858852	7.23172645	7.304866778	7.280726566	7.451097538
ENSMUSG00000005510.9	Ndufs3	0.359296	5.043676	2.853409	0.012249	0.119766	-3.39106	4.833048491	4.869701012	4.8721607	5.303299314	4.98053965	5.738636706
ENSMUSG00000047798.15	Cd300f	0.359666	4.456873	2.548663	0.022483	0.165588	-3.89071	4.23621189	4.010009712	4.55604673	4.541963109	4.683636951	4.813369699
ENSMUSG00000056144.13	Trim34a	0.359872	5.539684	2.709289	0.016348	0.141901	-3.70137	5.592320044	5.118295648	5.55736487	5.723042172	5.541793724	5.905292287
ENSMUSG00000036918.1	Ttc7	0.360429	5.756769	2.907844	0.010978	0.112023	-3.32845	6.362933395	5.374102747	5.78370447	5.823516035	5.961892328	6.079410919
ENSMUSG00000031320.9	Rps4x	0.360663	7.725911	2.761863	0.014718	0.13336	-3.58954	7.560125801	7.442257857	7.63401454	7.921466974	7.64669007	8.152932412
ENSMUSG000000048100.1	Taf13	0.360778	3.353302	2.322685	0.03494	0.200218	-4.06962	3.133265588	3.228478566	3.16800884</			

ENSMUSG00000034875.5	Nudt19	0.430104	3.702481	2.631792	0.019074	0.153655	-3.5858	3.558934639	3.265711472	3.61546782	3.977741613	3.698850045	4.098178821
ENSMUSG000000092558.3	Med20	0.430881	3.567416	2.791519	0.01387	0.128445	-3.25751	3.57158994	3.150999813	3.31239875	3.88021592	3.758147229	3.73134041
ENSMUSG000000028100.11	Nudt17	0.433012	3.125659	2.226216	0.04233	0.212176	-4.18344	3.271070838	2.685336241	3.2744309	3.26955989	3.758462552	3.245913583
ENSMUSG000000032715.9	TriB3	0.433964	3.710883	2.651074	0.018357	0.151219	-5.55164	3.30981498	3.354795016	3.79604007	3.848572153	3.587898053	4.098178821
ENSMUSG000000090877.3	Hspa1b	0.43397	4.876198	3.660126	0.002382	0.046186	-1.77914	4.63267997	4.596799566	4.37909917	5.081148347	4.966640746	5.217743339
ENSMUSG000000071640.3	Stxbp3-ps	0.434126	4.699499	3.501578	0.003288	0.056198	-0.70463	4.470478411	4.450870987	4.51321776	4.805557969	4.785323451	5.099243963
ENSMUSG000000035242.1	Oaz1	0.434468	5.503212	2.978024	0.009528	0.103577	-3.18043	5.164928052	5.197502916	5.14621735	5.784577299	5.602527448	5.978833365
ENSMUSG000000056468.7	Zfp869	0.435346	2.806315	2.254594	0.039823	0.208663	-0.05316	2.466631669	2.446824154	2.86152915	2.891640875	3.057304016	3.13395856
ENSMUSG000000008283.283.3	Gng5	0.436138	5.969653	3.297512	0.004982	0.072879	-2.56573	5.799820512	5.580269461	5.98679945	6.195714566	5.941990732	6.431145837
ENSMUSG000000020038.9	Cry1	0.439993	2.712741	2.260768	0.039355	0.208067	-0.02101	2.55265114	2.380481659	2.55868179	2.828562193	2.830533154	3.125619349
ENSMUSG000000055172.10	C1ra	0.440095	5.474573	3.467173	0.003527	0.058645	-2.21123	5.164928052	5.050575507	5.33452275	5.674542754	5.674542752	5.75653799
ENSMUSG00000042569.13	Dhrs7b	0.443242	3.357689	2.477557	0.025855	0.176099	-3.79028	3.116090444	3.170763068	3.1117014	3.791829642	3.280445694	3.675306375
ENSMUSG000000029330.8	Cds1	0.443622	4.124852	2.898259	0.011192	0.113261	-3.16752	3.907311834	3.593142542	4.17832613	4.218190528	4.373976385	4.478165006
ENSMUSG000000035372.1	1810055G02R	0.448418	2.62593	2.244199	0.040622	0.209578	-4.02849	2.332298994	2.510249534	2.37951295	2.891640875	2.647503165	2.994374816
ENSMUSG000000091498.4	Mpc1-ps	0.451385	4.94137	3.746303	0.001999	0.042282	-1.61276	4.671965366	4.552291305	4.90566456	5.198055971	5.10249279	5.217748328
ENSMUSG000000022335.16	Zfat	0.454903	3.130826	2.339468	0.033826	0.197441	-3.98458	2.809201749	3.069122806	2.89527794	3.024226515	3.376080974	3.611046176
ENSMUSG000000022417.9	Snrpc	0.457664	4.819471	3.320018	0.004759	0.070797	-2.44947	4.470478411	4.521837508	4.7667114	5.117885622	4.810441736	5.229469606
ENSMUSG000000028397.13	Kdm4c	0.459744	3.6384	2.752688	0.014991	0.134961	-3.34555	3.657198655	3.265711472	3.31239875	3.697893241	4.096123265	3.801075368
ENSMUSG000000097534.1	Gm16675	0.4608	2.902325	2.399692	0.030099	0.187803	-8.21255	2.390597634	2.685336241	2.89527794	3.316289969	3.078137519	3.048313623
ENSMUSG000000094242.2	Gms456	0.465198	4.152333	2.471041	0.026187	0.176849	-3.97437	4.137527615	3.822839764	3.80494562	4.486853473	3.96244829	4.699387263
ENSMUSG000000040584.8	Abcb1a	0.465692	2.895337	2.596971	0.022	0.163601	-3.53556	2.577876203	2.65759125	2.75527046	3.119533474	3.992935197	3.268813985
ENSMUSG000000039164.2	Nai1f	0.469028	3.03159	2.292606	0.037024	0.203267	-4.04073	2.787668587	2.600447343	2.0289214	2.922175243	2.550620989	3.505738432
ENSMUSG000000038260.9	Trpm4	0.478861	3.700522	2.683107	0.017224	0.146378	-3.48597	3.411866251	3.04790632	3.86579117	3.948371776	3.869895586	4.059301452
ENSMUSG000000009376.13	Met	0.484744	3.562444	3.18067	0.006318	0.08304	-2.50853	3.216201929	3.247215128	3.48855571	3.74135129	3.764587842	3.916753918
ENSMUSG000000043432.7	Lenp9	0.487599	2.47629	2.160882	0.047592	0.219824	-4.12942	2.271544963	1.853733772	2.51593215	2.860446254	2.516258632	2.83982504
ENSMUSG000000026544.7	Dusp23	0.491932	3.0004	2.472728	0.026101	0.176623	-7.71466	2.851327224	2.540946331	2.87850223	3.132648975	3.067758373	3.531217152
ENSMUSG000000082394.1	Gm4596	0.49255	3.801176	2.567726	0.021653	0.162232	-3.72724	3.703929706	3.069122806	3.85725449	4.199641799	3.802639148	4.228496529
ENSMUSG00000004067.3	Gm14269	0.493038	4.019453	2.706778	0.038615	0.206554	-4.30561	3.782234701	3.976175272	3.59507603	4.358768886	3.738651053	4.665276888
ENSMUSG000000096255.1	Dynl1b	0.494396	2.575319	2.151687	0.048426	0.22073	-4.17116	2.390597634	2.446824154	2.2021167	2.745625852	2.516258632	3.15049017
ENSMUSG000000052151.11	Plp2p	0.496168	3.281787	2.85611	0.012183	0.119504	-3.07188	3.691010772	2.88995396	2.86152915	3.437503556	3.52766339	3.605059881
ENSMUSG000000059883.16	Irak4	0.498934	4.394196	3.155663	0.006647	0.085817	-2.91177	4.111764519	3.758993282	4.51321776	4.627834768	4.784680502	4.606558785
ENSMUSG00000004832.6	Rbx1-ps	0.502804	3.9902	2.992126	0.00926	0.101526	-2.95873	3.715379726	3.692189912	3.80494562	4.307642421	3.916912213	4.405130972
ENSMUSG000000042111.9	Ccdc115	0.512034	3.505764	2.926543	0.010572	0.109854	-2.98354	3.232232039	2.913605228	3.56393752	3.643954434	3.916912213	3.763945075
ENSMUSG000000068457.14	Uty	0.512065	3.247395	2.219953	0.042546	0.212347	-4.21305	3.546167343	2.446824154	2.92825526	3.775198967	3.225479235	3.562445537
ENSMUSG000000083283.3	Gm15361	0.515878	3.712826	3.531191	0.003096	0.054188	-1.85068	3.294628576	3.422301835	3.63557539	3.925946697	3.97915577	4.019364744
ENSMUSG000000021403.2	Serpinc9b	0.518065	2.635921	2.419043	0.028987	0.184609	-3.72576	2.473853138	2.199909414	2.47187697	2.779374643	2.71565744	3.174947061
ENSMUSG000000028716.1	Pdzk1p1	0.520714	3.78181	3.486254	0.003392	0.057392	-1.95196	3.467095772	3.4549065	3.63557539	4.034744837	3.893595422	4.204941801
ENSMUSG000000035399.12	Oser1	0.522102	3.839987	3.205398	0.006009	0.08079	-2.51379	3.383437843	3.56354776	3.77806232	4.122823545	3.887706662	4.304345535
ENSMUSG000000081087.1	Rps15a-ps7	0.523192	5.012529	3.150752	0.006714	0.085977	-2.80228	4.630231608	4.61854919	4.98617052	5.398672297	4.899181257	5.505270269
ENSMUSG000000070524.1	Fcrlb	0.524955	2.334491	2.418643	0.029009	0.184665	-6.65943	1.999172692	1.993458536	2.22883404	2.400028851	2.741918767	2.643562029
ENSMUSG000000066245.1	Gm10156	0.528323	3.492974	2.956998	0.009941	0.105823	-2.92358	3.397722069	3.13096206	3.16800884	3.775198962	3.489291584	3.966662992
ENSMUSG000000095419.1	Gm14328	0.531774	4.148586	3.2674	0.005297	0.075533	-2.4494	3.80348514	3.692189912	4.13660674	4.242591871	4.325226669	4.693752702
ENSMUSG000000062825.15	Actg1	0.53178	8.887975	4.020068	0.001149	0.03138	-1.06918	8.676549138	8.509037083	8.68148145	9.236435201	8.87762225	9.346723074
ENSMUSG00000001642.8	Akr1b3	0.532277	3.675513	3.501427	0.003289	0.056118	-1.90179	3.369010772	3.37412937	3.52134564	3.864382668	3.845799911	4.115126975
ENSMUSG000000019295.8	Tmem129	0.540372	3.521481	3.170989	0.006444	0.084193	-2.51676	3.467095772	3.004513725	3.2871982	3.634765262	3.738651053	3.966662992
ENSMUSG000000027935.14	Rab13	0.544943	2.956675	2.598763	0.020364	0.158008	-3.47629	2.851327224	2.571003565	2.67981823	2.828562193	3.376080974	4.33259057
ENSMUSG000000080668.14	Rps18	0.548848	6.161409	3.181253	0.006311	0.08304	-2.76627	5.826463837	5.805561773	6.02575179	6.615625711	5.923402079	6.471648398
ENSMUSG000000056019.2	Zfp709	0.54894	2.426308	2.587783	0.020811	0.158953	-3.37962	2.107425583	2.037179913	2.30613926	2.675662394	2.561346521	2.87009248
ENSMUSG000000108381.1	Gm9299	0.549137	2.111881	2.252174	0.040008	0.208688	-8.8919	1.840910608	1.699011178	1.90359371	2.711068683	2.3777205	2.718982574
ENSMUSG000000089844.7	AS30032D15R	0.549842	3.784246	3.933746	0.001368	0.034312	-1.06882	3.45348534	3.438696273	3.61546782	4.109618006	4.096123265	3.992083004
ENSMUSG000000035274.13	Tpbp	0.554412	2.539182	2.604013	0.021513	0.157448	-3.37415	2.30224176	2.310940726	2.17489523	2.981371036	2.546637325	2.919168471
ENSMUSG000000045868.12	Gvin1	0.554598	4.298885	3.445974	0.003682	0.061004	-2.12108	4.212166416	3.771990623	4.05683947	4.756257403	4.82691133	4.713366876
ENSMUSG000000056054.9	S100a8	0.554991	3.428716	2.801342	0.013599	0.127169	-2.20077	3.199991702	2.65759125	3.52134564	3.872223421	3.520070246	3.801075368
ENSMUSG000000060019.5	Gm10073	0.559954	7.099599	3.928261	0.001383	0.034436	-1.29613	6.901684847	6.694751667	6.86206259	7.474995199	7.021114393	7.642986343
ENSMUSG000000028958.14	Tmub1	0.560759	3.480094	3.395942	0.004077	0.064099	-2.06953	3.133265588	3.13096206	3.32483586	3.800073636	3.565001005	3.926387978
ENSMUSG000000062647.16	Rpl7a	0.568017	5.702673	3.201594	0.006055	0.081173	-2.74659	5.307925399	5.424361357	5.51999417	6.100468569	5.478557922	6.384728051
ENSMUSG000000097567.1	Gm26637	0.571627	2.047937	2.322084	0.034981	0.200218	-3.76224	2.141777088	1.462943819	1.6894684	2.164925378	2.453862094	2.374648997
ENSMUSG000000067038.5	Rps12-ps3	0.575751	5.565251	3.240647	0.005993	0.077935	-2.66339	5.554610134	5.097795196	5.17317671	5.993103997	5.39176628	6.1814995
ENSMUSG000000026497.7	Mixl1	0.578055	2.615182	2.488264	0.025318	0.174569	-3.59746	2.446631669	2.199909414	2.37951295	2.620870821	2.767797399	3.276367379
ENSMUSG000000056071.12	S100a9	0.580403	2.813625	2.93335	0.010427	0.1							