Supplemental table II. Differentially expressed genes between Injured and FAK-I+Injured with p-value adjusted significance Differentially expressed genes with greater than 2-fold difference were analyzed

ID	Fold Change	log2FoldChange	pvalue	padj	Injured-1	Injured-2	Injured-3	FAK-I+Injured-1	FAK-I+Injured-2	FAK-I+Injured-3	Gene.name
ENSMUSG00000065037	1398.974134	10.45015357	1.46E-252	2.45E-248	16.1389447	15.7178481	13.6654426	19041.936	16936.09428	28109.30029	Rn7sk
ENSMUSG00000040998	14.22620582	3.830479037	2.03E-244	1.70E-240	1510.78454	1271.18097	1498.22943	21452.72731	19745.53063	19681.2584	Npnt
ENSMUSG00000042793	119.851569	6.905104986	4.20E-224	2.35E-220	46.6236179	26.5238687	55.9040832	4853.789675	4925.610279	5517.795503	Lgr6
ENSMUSG00000086843	14.71860474	3.879569012	8.97E-195	3.76E-191	371.195727	381.157817	355.301506	6101.33866	5213.831253	4998.461936	E030013I19Rik
ENSMUSG00000006219	7.06704404	2.8211069	2.22E-174	7.44E-171	4088.53265	3478.55626	3796.5084	26552.80608	26478.02788	27282.32341	Fblim1
ENSMUSG00000092837	312.8806292	8.289468532	1.72E-165	4.80E-162	12.5525125	7.85892406	12.4231296	3091.87539	3197.241975	3939.021458	Rpph1
ENSMUSG00000026255	5.641115794	2.495980551	8.86E-151	2.12E-147	749.564319	811.433909	762.780157	4225.752486	4464.073701	4419.775961	Efhd1
ENSMUSG00000047648	5.915531252	2.564507738	2.66E-146	5.58E-143	624.039194	593.348767	664.637433	3635.605927	3719.103873	3766.899476	Fbxo30
ENSMUSG00000054889	592.6509585	9.21103887	7.07E-131	1.32E-127	5.37964822	1.96473102	11.1808166	3617.607878	3122.553483	3594.777494	Dsp
ENSMUSG00000025270	467.5059784	8.868841004	4.14E-130	6.96E-127	98.6268841	66.8008545	163.985311	45100.26936	75991.71021	32280.78535	Alas2
ENSMUSG00000017969	5.655207591	2.499579984	7.73E-125	1.18E-121	2305.17926	2204.4282	2483.38361	13376.33958	13904.50755	12253.30457	Ptgis
ENSMUSG00000038677	6.646657217	2.732628953	6.67E-124	9.32E-121	1424.71017	1190.627	1264.67459	8701.583129	8109.446627	8987.932941	Scube3
ENSMUSG00000025889	113.2035435	6.822775308	7.23E-116	9.34E-113	34.9677134	49.1182754	50.9348313	3736.016096	7238.08089	4230.837463	Snca
ENSMUSG00000015932	3.188541027	1.672896444	2.94E-113	3.53E-110	15548.08	14932.9381	15592.27	49965.42622	48874.04242	48064.56897	Dstn
ENSMUSG00000020155	4.923201766	2.299596866	6.23E-113	6.97E-110	844.604771	811.433909	757.810905	3904.629399	3845.499782	4145.765678	Kcnmb1
ENSMUSG00000073418	0.180477068	-2.470112559	9.39E-113	9.85E-110	10038.4236	9636.02326	9688.79877	1780.8596	1924.664981	1593.612147	C4b
ENSMUSG00000068748	13.72468345	3.77870097	2.77E-108	2.74E-105	166.769095	179.772888	135.412113	2255.439738	1928.49516	2455.211266	Ptprz1
ENSMUSG00000025150	4.378189237	2.130334313	3.67E-107	3.42E-104	1043.65176	1173.92678	1121.8086	4832.949828	4792.511556	4990.548281	Cbr2
ENSMUSG00000023336	4.165011664	2.058320536	1.38E-101	1.22E-98	986.268841	1105.1612	1064.66221	4340.371641	4342.465516	4457.365819	Wfdc1
ENSMUSG00000031586	4.109236913	2.03887051	3.82E-101	3.20E-98	2490.77713	2397.9542	2418.78333	10534.54234	10191.14895	9304.479115	Rbpms
ENSMUSG00000088088	425.1482688	8.731822253	2.78E-100	2.22E-97	5.37964822	3.92946203	8.69619071	2855.058954	1868.169839	2695.588517	Rmrp
ENSMUSG00000032085	2.87245026	1.522281911	3.19E-99	2.43E-96	14698.0956	15169.6882	14808.3705	42087.96429	43698.51296	42543.80584	Tagln
ENSMUSG00000015143	3.267573678	1.708219767	1.18E-98	8.58E-96	9721.92095	9491.61553	9094.97317	31669.93563	31025.40798	29812.71439	Actn1
ENSMUSG00000049313	4.640830403	2.214382976	6.51E-98	4.55E-95	1583.40979	1484.35428	1428.6599	7444.561486	6537.158121	6894.771362	Sorl1
ENSMUSG00000035783	3.657573696	1.870886933	1.36E-95	9.14E-93	74409.501	74880.8108	66678.6635	260200.6383	262708.1519	267027.4715	Acta2
ENSMUSG00000041696	3.672636268	1.876816021	1.73E-95	1.12E-92	2460.29245	2302.66475	2472.20279	8452.452238	9165.618504	8951.332289	Rasl12
ENSMUSG00000029860	4.283752248	2.098875044	9.74E-93	6.06E-90	3737.0623	3667.17044	3862.35099	14908.06829	17477.10708	15873.80144	Zyx
ENSMUSG00000001349	4.087771507	2.031314557	2.47E-91	1.48E-88	6864.43113	7337.28798	6283.61895	28398.07975	28393.11741	26959.84199	Cnn1
ENSMUSG00000024395	3.713937647	1.892949594	2.95E-91	1.71E-88	1787.83643	1683.77448	1705.69569	6670.645373	6499.813875	6060.870034	Lims2
ENSMUSG00000024672	0.029815317	-5.067802494	1.22E-89	6.81E-87	664.386555	825.187026	805.018798	29.36523808	21.06598486	17.80572231	Ms4a7
ENSMUSG00000027931	3.539383805	1.823498214	1.01E-84	5.49E-82	2012.88504	2209.34003	2017.51625	7263.633729	7184.458383	7639.644079	Npr1
ENSMUSG00000030409	3.783853231	1.91985613	5.09E-83	2.67E-80	4949.27636	5698.70231	5159.32572	19415.1587	20726.05647	19671.36633	Dmpk
ENSMUSG00000039601	4.777797547	2.256345723	1.65E-82	8.40E-80	1663.20791	1450.95385	1720.60345	8170.167046	7202.651733	7719.769829	Rcan2
ENSMUSG00000006526	5.255997798	2.393964671	5.09E-82	2.51E-79	802.464193	794.733696	964.034856	4563.926357	4227.560144	4653.228764	Tmem110
ENSMUSG00000029651	4.858555975	2.28052759	1.62E-81	7.78E-79	456.373491	440.099747	483.259741	2049.883071	2312.470611	2335.517243	Mtus2
ENSMUSG00000029372	160.7554761	7.328724074	8.05E-81	3.76E-78	60.9693465	61.889027	116.777418	6622.33482	19438.15876	12264.18585	Ppbp
ENSMUSG00000010311	9.952341951	3.315036056	4.23E-79	1.92E-76	155.11319	123.778054	188.83157	1486.259953	1522.496179	1625.266764	Optc
ENSMUSG00000021319	0.163724491	-2.610657951	4.37E-79	1.93E-76	14413.8708	11149.8485	12501.3953	1964.629154	2265.550917	2002.154553	Sfrp4
ENSMUSG00000032135	3.051061094	1.609311069	5.46E-78	2.35E-75	8062.29947	7637.89182	7397.97367	24007.50303	23895.52965	22578.6451	Mcam
ENSMUSG00000073557	3.258383569	1.704156444	9.87E-77	4.14E-74	7583.51078	6920.765	6734.57855	22507.03409	23606.35113	23100.94629	Ppp1r12b
ENSMUSG00000037852	2.990907295	1.580583194	4.20E-76	1.72E-73	11873.7802	11939.6704	12066.5858	36488.67648	33581.09496	37242.64663	Cpe
ENSMUSG00000031710	54.18721589	5.759880619	5.74E-75	2.29E-72	34.9677134	25.5415032	19.8770073	1944.736573	1430.571881	1034.710308	Ucp1
ENSMUSG00000044468	49.71326505	5.635558954	2.43E-74	9.50E-72	391.817712	343.827928	367.724636	26510.17912	18458.59046	9887.121917	Fam46c
ENSMUSG00000022840	5.154717371	2.365893328	1.95E-73	7.42E-71	4061.63441	3332.1838	3781.60065	20138.86973	20332.50557	17136.02931	Adcy5
ENSMUSG00000022995	3.784730512	1.920190578	2.49E-73	9.30E-71	3373.93604	3379.33735	3873.53181	13290.13839	14062.50244	12853.7531	Enah
ENSMUSG00000031273	12.47228278	3.640653638	1.29E-72	4.69E-70	420.509169	250.503204	305.608988	4423.731027	3849.329961	3924.183356	Col4a6
ENSMUSG00000037736	5.572013313	2.478198705	2.52E-72	8.99E-70	809.637057	1076.6726	896.949957	5300.899106	5031.897748	5174.540745	Limch1
ENSMUSG00000026691	45.53390273	5.508869214	7.17E-72	2.51E-69	30.4846733	18.6649446	32.3001369	1179.345852	1607.717663	903.145804	Fmo3
ENSMUSG00000067818	3.441104498	1.782871704	3.53E-71	1.21E-68	23942.1244	26348.0253	28052.6689	87121.92505	91390.94514	91060.44232	Myl9
ENSMUSG00000031292	8.74871458	3.129071062	4.37E-71	1.47E-68	185.597864	157.178481	190.073883	1571.51387	1769.542728	1315.645038	Cdkl5
ENSMUSG00000020439	3.692019819	1.884410298	5.37E-71	1.77E-68	10178.2944	8514.16185	9285.04706	35568.88144	33817.60852	33910.99814	Smtn
ENSMUSG00000001507	2.816943543	1.494130649	5.69E-71	1.84E-68	1593.27248	1649.39169	1643.58005	4544.033776	4713.03534	4504.847745	Itga3
ENSMUSG00000029381	5.765979785	2.527565779	1.11E-70	3.52E-68	152.423366	158.160847	157.773746	841.1719811	953.7145874	904.1350107	Shroom3
ENSMUSG00000086596	4.271345518	2.094690605	3.90E-70	1.21E-67	3798.92825	3145.53436	3121.93247	14509.26941	13908.33773	14591.78943	Susd5
ENSMUSG00000023367	0.27921419	-1.840555834	1.03E-68	3.15E-66	2078.33743	2199.51637	2115.65897	565.5176494	629.1069116	590.5564567	Tmem176a
ENSMUSG00000111521	3.222163167	1.688029553	1.89E-68	5.67E-66	1410.36444	1271.18097	1423.69065	4471.094314	4350.125874	4402.959445	Gm48529
ENSMUSG00000002980	2.942872942	1.557225256	2.86E-68	8.43E-66	7721.58842	8655.62249	8314.80064	24786.15547	23737.53476	24137.63501	Bcam
ENSMUSG00000032289	9.400788266	3.232781733	2.98E-68	8.63E-66	1014.9603	779.015847	636.064235	8154.063528	7194.991375	7523.906884	Thsd4
ENSMUSG00000025348	2.866391562	1.519235702	1.08E-67	3.07E-65	1993.15967	1897.93016	1833.65393	5363.418645	5576.74072	5476.248818	Itga7
ENSMUSG00000026712	0.126238032	-2.985781479	3.41E-67	9.55E-65	2745.41381	2404.83076	2780.2964	300.283241	409.82916	290.8267978	Mrc1
ENSMUSG00000048096	3.982696003	1.993745364	9.62E-67	2.65E-64	5884.43855	5055.2529	6191.68779	23718.58698	22437.18897	22065.24677	Lmod1
ENSMUSG00000027335	11.55438318	3.53036834	1.27E-66	3.45E-64	73.521859	63.853758	75.7810905	706.6602454	791.8895218	960.5197981	Adra1d
ENSMUSG00000049103	0.062410638	-4.002064219	1.99E-66	5.31E-64	1862.25489	2877.34857	2600.16102	125.0390783	191.5089533	141.4565717	Ccr2
ENSMUSG00000029108	4.423770586	2.14527657	1.01E-65	2.65E-63	2248.69296	1806.57017	1868.43869	9018.917153	8323.936655	8872.195746	Pcdh7
ENSMUSG00000023092	3.851324336	1.945354623	1.03E-65	2.65E-63	8749.10123	8850.13086	7637.74007	29818.97837	33279.46836	34108.8395	Fhl1
ENSMUSG00000015852	0.113545081	-3.138662884	5.76E-65	1.47E-62	1052.61784	968.61239	1100.68928	114.6191551	143.631715	95.95305913	Fcrls
ENSMUSG00000051048	0.073294864	-3.770144072	1.93E-64	4.85E-62	690.388189	564.860167	663.39512	46.41602148	57.45268599	36.60065142	P4ha3
ENSMUSG00000029436	2.910877355	1.541454055	1.55E-63	3.83E-61	1097.44824	1064.88421	1033.60438	3197.969153	3076.591335	3032.908034	Mmp17
ENSMUSG00000030782	2.775347441	1.472668391	1.63E-63	3.97E-61	2323.11142	2294.80583	2395.17939	6181.856248	6559.18165	6719.681759	Tgfb1i1
ENSMUSG00000024621	0.136393743	-2.87415063	7.04E-63	1.69E-60	3190.1314	3737.90076	2857.31981	496.3672501	468.2393908	369.9633414	Csf1r
ENSMUSG00000030098	4.63769224	2.213407085	1.15E-62	2.73E-60	771.082912	841.88724	926.765468	3567.402794	3901.994923	4298.103525	Grip2
ENSMUSG00000026421	2.726667185	1.447138617	2.44E-60	5.68E-58	16450.0677	17861.3697	18197.4002	47062.05672	49389.20151	46715.2909	Csrp1
ENSMUSG00000027562	82.49505805	6.366235791	7.40E-60	1.70E-57	45.7270099	77.6068751	84.4772812	2942.207402	9101.463005	5039.019414	Car2
ENSMUSG00000026620	3.811729056	1.930445574	1.81E-59	4.10E-57	806.947233	680.779297	750.357027	2977.256235	2682.082891	2873.64574	Mark1
ENSMUSG00000005611	4.223228887	2.078346439	3.91E-59	8.74E-57	2189.51683	1999.11381	1726.81501	8785.88978	7843.249182	8367.70028	Mrvi1
ENSMUSG00000083012	19.47911885	4.283856513	5.10E-59	1.13E-56	477.892084	661.131987	566.494709	7275.948183	15099.52342	10841.70647	Fam220a
ENSMUSG00000053963	5.255103802	2.393719262	9.04E-59	1.97E-56	771.97952	647.378869	626.125731	3499.19966	3233.628676	4027.060863	Stum
ENSMUSG00000030246	3.637835161	1.863080172	2.98E-58	6.42E-56	463.546355	497.076947	520.52913	1899.267818	1764.755005	1717.262996	Ldhb
ENSMUSG00000063430	6.221097039	2.63716901	1.85E-56	3.93E-54	164.975879	175.843426	178.893066	1057.148571	940.3089606	1232.551667	Wscd2
ENSMUSG00000041073	4.613600918	2.205893214	2.66E-56	5.59E-54	231.324874	190.578908	203.739325	941.58215	965.2051246	984.2607612	Nacad

ENSMUSG00000006221	4.862326691	2.281646829	5.31E-56	1.10E-53	2282.76406	2777.14729	2566.61857	12281.30038	13998.34694	10799.17058	Hspb7
ENSMUSG00000091694	285.3952992	8.156817762	9.33E-56	1.91E-53	4.48304019	4.91182754	11.1808166	1235.234531	3210.647602	1226.616426	Apol11b
ENSMUSG00000030376	4.079502424	2.028393198	1.04E-55	2.11E-53	192.770728	205.314391	201.254699	822.2266662	808.1677829	813.1279856	Slc8a2
ENSMUSG00000021779	4.593171587	2.199490679	2.68E-55	5.35E-53	588.174872	449.923402	505.621374	2241.230751	2435.036341	2419.599821	Thrb
ENSMUSG00000057604	6.205064182	2.633446133	2.68E-54	5.29E-52	1120.76005	1002.01282	849.742064	6689.590687	5097.010792	6672.199833	Lmcd1
ENSMUSG00000050503	4.197872205	2.069658248	4.74E-53	9.26E-51	631.212058	676.849835	587.61403	2963.994514	2404.394909	2594.689424	Fbxl22
ENSMUSG00000025969	0.290326015	-1.784254241	5.62E-53	1.08E-50	2526.64145	2472.61398	2258.52496	760.6543928	669.3237917	677.6066547	Nrp2
ENSMUSG00000016255	211.0866223	7.72169134	1.52E-52	2.86E-50	7.1728643	4.91182754	3.72693888	1291.12321	1527.283902	595.5024907	Tubb1
ENSMUSG00000032911	2.930620585	1.551206201	1.51E-52	2.86E-50	4251.71531	4006.08654	4658.6736	13014.48406	12689.38324	12140.535	Cspg4
ENSMUSG00000059970	3.434585331	1.780135928	1.58E-52	2.95E-50	376.575376	363.475238	342.878377	1256.074377	1277.364718	1191.004981	Hspa2
ENSMUSG00000055322	3.253369544	1.701934705	6.06E-52	1.12E-49	19078.9224	15812.1552	18775.0758	57389.14786	59955.70801	57248.36485	Tns1
ENSMUSG00000037995	6.993046594	2.805921118	1.12E-51	2.05E-49	122.835301	135.56644	122.988983	902.7442545	745.9273731	1019.872206	Igsf9
ENSMUSG00000039542	6.516713876	2.704144653	7.19E-51	1.30E-48	771.97952	793.75133	1146.65486	5556.660857	5865.919239	6231.013603	Ncam1
ENSMUSG00000050295	2.438025119	1.28571299	9.32E-51	1.66E-48	1289.32236	1266.26914	1236.10139	3039.775774	3095.74223	3112.044577	Foxc1
ENSMUSG00000026656	0.123711825	-3.014944688	2.76E-50	4.87E-48	1469.54057	2046.26735	1812.53461	264.2871427	213.5324829	181.0248435	Fcgr2b
ENSMUSG00000026768	9.545768409	3.254861335	3.31E-50	5.79E-48	6347.08829	4484.49854	3536.86499	50373.69776	41557.44286	45253.24326	Itga8
ENSMUSG00000045312	0.204993874	-2.286347298	6.27E-50	1.08E-47	962.060424	874.305302	1067.14683	214.0820582	183.8485952	196.8521522	Lhfpl2
ENSMUSG00000039115	4.551380353	2.186304156	2.27E-49	3.89E-47	3295.03454	2817.42428	2448.59884	12200.78279	12517.98273	14260.40516	Itga9
ENSMUSG00000045392	5.932201626	2.568567634	2.63E-49	4.46E-47	752.254143	561.91307	734.206959	4436.992747	4294.588277	3416.72027	Olfr1033
ENSMUSG00000021822	0.201895455	-2.308319662	3.95E-49	6.63E-47	1155.72776	1359.59386	1431.14453	234.9219046	276.7304375	284.891557	Plau
ENSMUSG00000031028	9.380007077	3.229589011	7.56E-49	1.26E-46	196.35716	132.619344	178.893066	1265.547035	1626.868558	1871.579256	Tub
ENSMUSG00000022246	0.270194114	-1.887931846	8.31E-49	1.36E-46	1080.41268	991.206797	1039.81595	268.0762057	302.5841462	270.0534551	Rai14
ENSMUSG00000029816	0.165257862	-2.597209189	8.33E-49	1.36E-46	3237.65162	3787.01903	2595.19177	476.4746695	571.6542256	542.0853237	Gpnmb
ENSMUSG00000026676	4.108649541	2.038664277	9.66E-49	1.55E-46	1808.45841	1482.38955	1390.1482	6760.635618	6004.76323	6479.304508	Ccdc3
ENSMUSG00000027078	34.53185219	5.109855813	9.72E-49	1.55E-46	711.010173	1378.25881	1489.53324	25746.68293	61088.48346	36708.47496	Ube2l6
ENSMUSG00000044345	2.456391092	1.296540276	3.27E-48	5.18E-46	5385.02787	5343.086	5761.8475	14100.99787	13419.03236	12979.38236	Marveld1
ENSMUSG00000028583	0.192227515	-2.379113242	3.70E-48	5.80E-46	1055.30766	1282.96935	1407.54058	228.2910444	249.919184	241.366458	Pdpn
ENSMUSG00000045915	33.44201446	5.063589849	6.74E-48	1.05E-45	7.1728643	11.7883861	12.4231296	319.2285559	309.2869596	402.6071656	Ccdc42
ENSMUSG00000026991	3.791387734	1.922726004	8.09E-48	1.25E-45	1942.05301	2022.69058	2413.81408	7708.848628	7687.169385	8775.25348	Pkp4
ENSMUSG00000027536	4.126666202	2.044976746	1.09E-47	1.67E-45	494.031028	451.888133	385.117017	1964.629154	1783.9059	1755.842061	Chmp4c
ENSMUSG00000097971	43.71388151	5.450019581	1.23E-47	1.86E-45	739.701631	1380.22354	2006.33543	64017.16628	34801.96454	81487.88816	Gm26917
ENSMUSG00000018008	0.10933624	-3.193156425	1.50E-47	2.25E-45	1199.66155	1954.90736	1807.56536	198.9258063	176.188237	167.1759484	Cyth4
ENSMUSG00000029922	9.302280735	3.21758448	1.11E-46	1.64E-44	1132.41595	1300.65193	1300.70167	8266.788152	15269.00885	11191.88568	Mkrn1
ENSMUSG00000029552	2.961534862	1.566345069	1.60E-46	2.35E-44	744.184671	664.079083	704.391448	2096.299092	1986.90539	2175.265742	Tes
ENSMUSG00000023572	6.639395588	2.731051913	1.99E-46	2.91E-44	760.323615	772.139289	745.387776	4363.106019	6494.068606	4267.438114	Ccndbp1
ENSMUSG00000022836	2.47281029	1.306151563	3.67E-46	5.32E-44	18155.4161	16262.0786	18293.0583	42803.14993	43256.12728	44280.85298	Mylk
ENSMUSG00000039323	0.15886459	-2.654130503	3.83E-46	5.50E-44	2300.69622	3411.75541	3043.66675	473.6328722	506.5411814	410.52082	Igfbp2
ENSMUSG00000042109	5.704473062	2.512093627	9.28E-46	1.31E-43	145.250502	103.148378	129.200548	691.5039935	744.0122835	720.1425469	Csdc2
ENSMUSG00000053158	0.244577492	-2.031636455	9.21E-46	1.31E-43	894.814821	1062.91948	1059.69295	254.8144853	240.3437364	242.3556648	Fes
ENSMUSG00000019851	3.000962041	1.58542507	1.16E-45	1.62E-43	665.283163	755.439075	677.060563	2098.193624	2183.202067	2015.014242	Perp
ENSMUSG00000037166	3.174554801	1.666554283	1.81E-45	2.52E-43	1910.67173	2330.17098	2200.13625	6478.350426	6897.194953	7066.893344	Ppp1r14a
ENSMUSG00000002985	0.231039177	-2.113790585	2.09E-45	2.88E-43	39108.2494	36527.2967	46590.4629	10121.53448	9985.276824	8131.279856	Apoe
ENSMUSG00000037242	2.385658312	1.254387426	2.14E-45	2.91E-43	8410.18339	8352.07155	8188.08471	20939.30928	19944.69994	18640.61285	Clic4
ENSMUSG00000021136	4.42000932	2.144049412	2.43E-45	3.29E-43	1450.7118	1159.1913	1596.37215	5940.303484	6677.917201	5964.916975	Smoc1
ENSMUSG00000024371	0.251587475	-1.990867995	3.16E-45	4.25E-43	1650.6554	1352.7173	1370.27119	384.5898923	359.0792874	357.103653	C2
ENSMUSG00000030208	0.325901209	-1.617493391	5.16E-45	6.87E-43	8689.02849	7426.68324	7923.47205	2424.05304	2787.412815	2623.376421	Emp1
ENSMUSG00000029859	5.389097285	2.430043631	6.85E-45	9.05E-43	121.938693	99.2189163	130.442861	607.1973422	611.8711058	670.6822071	Epha1
ENSMUSG00000030533	2.57895241	1.366785151	8.24E-45	1.08E-42	1231.04283	1222.06269	1356.60575	3285.117602	3202.029699	3330.659279	Unc45a
ENSMUSG00000020186	3.725329017	1.897367848	1.33E-44	1.73E-42	4309.09823	3967.77429	5129.51021	16301.4962	17892.68151	15737.2909	Csrp2
ENSMUSG00000033306	2.557461208	1.354712357	1.68E-44	2.16E-42	6971.12749	6240.96807	6689.85529	17955.42219	16360.60988	16583.06271	Lpp
ENSMUSG00000016024	0.232551804	-2.104375966	7.57E-44	9.70E-42	2989.2912	2830.19503	2385.24088	592.0410903	721.9887539	594.5132839	Lbp
ENSMUSG00000031819	2.8040339	1.487503791	8.37E-44	1.06E-41	815.913314	891.005515	947.884788	2445.840152	2459.932505	2530.390982	Emc8
ENSMUSG00000038319	2.947636216	1.559558485	1.03E-43	1.30E-41	994.338313	850.72853	919.31159	2810.537464	2589.201048	2750.984097	Kcnh2
ENSMUSG00000000320	32.01638232	5.000738395	1.21E-43	1.52E-41	54.6930903	43.2240823	67.0848998	1530.781443	2719.427137	1014.926172	Alox12
ENSMUSG00000023829	31.66301011	4.98472651	1.78E-43	2.21E-41	8.06947233	7.85892406	16.1500685	347.6465282	363.8670112	271.0426619	Slc22a1
ENSMUSG00000063873	5.99220928	2.583088011	3.37E-43	4.15E-41	355.056783	255.415032	406.236338	2138.926051	1979.245032	1963.575488	Slc24a3
ENSMUSG00000078794	2.82190734	1.496670617	4.48E-43	5.48E-41	1287.52914	1151.33237	1249.76684	3436.680121	3272.888012	3699.633414	Dact3
ENSMUSG00000038370	2.852122872	1.512036136	1.63E-42	1.98E-40	2228.96758	2631.75719	2633.70347	7122.491133	6951.775004	7293.4217	Pcp4l1
ENSMUSG00000027254	3.820987093	1.933945384	2.64E-42	3.19E-40	1232.83605	1058.00765	1101.93159	3814.639153	4245.753494	4907.454911	Map1a
ENSMUSG00000024526	16.66287509	4.058565446	3.25E-42	3.90E-40	102.213316	40.2769858	83.2349683	1414.267756	1205.548861	1142.533848	Cidea
ENSMUSG00000036905	0.090937405	-3.458982361	3.42E-42	4.07E-40	3621.39986	5812.65671	5769.30138	490.6836556	560.1636884	331.3842764	C1qb
ENSMUSG00000028459	0.050421274	-4.309823624	9.91E-42	1.17E-39	459.959923	927.353039	662.152807	34.1015668	28.72634299	40.5574786	Cd72
ENSMUSG00000036098	9.000167124	3.169951791	1.23E-41	1.44E-39	45.7270099	49.1182754	43.4809536	343.8574652	432.8102344	470.8624345	Myrf
ENSMUSG00000085069	4.167266681	2.059101427	1.30E-41	1.51E-39	272.568843	213.173315	219.889394	1002.207158	942.2240502	1003.05569	Gm13111
ENSMUSG00000032702	3.475075424	1.797044291	1.34E-41	1.56E-39	3114.81632	2856.7189	2421.26796	10420.87045	9234.561728	9522.10461	Kank1
ENSMUSG00000027858	3.236267437	1.694330833	1.55E-41	1.78E-39	2229.86419	1880.24758	1749.17665	6292.68634	6405.974488	6274.538702	Tspan2
ENSMUSG00000001870	3.275834236	1.711862355	1.63E-41	1.85E-39	4842.58001	3946.16224	3813.90078	13983.53692	13733.10704	13577.85247	Ltbp1
ENSMUSG00000029919	0.088943338	-3.490969647	1.63E-41	1.85E-39	398.990576	439.117382	617.429541	41.67969276	43.08951449	44.51430578	Hpgds
ENSMUSG00000001494	286.7327442	8.163562856	1.80E-41	2.02E-39	22.4152009	24.5591377	84.4772812	10780.83144	13225.60831	13390.89239	Sost
ENSMUSG00000084939	10.25783808	3.358654798	2.87E-41	3.21E-39	84.2811555	62.8713925	86.9619071	735.0782177	643.470083	1018.882999	Gm830
ENSMUSG00000073460	4.686557301	2.228528522	4.73E-41	5.22E-39	105.799748	110.024937	121.74667	491.6309214	529.5222558	555.9342189	Pnldc1
ENSMUSG00000002249	2.746358463	1.457519943	5.42E-41	5.94E-39	823.086178	816.345737	920.553903	2263.965129	2313.428156	2446.308404	Tead3
ENSMUSG00000024588	11.13428481	3.476936987	5.81E-41	6.33E-39	1125.24309	1170.97969	859.680568	11174.89399	16054.19555	7921.568015	Fech
ENSMUSG00000059498	0.146993113	-2.76617953	7.13E-41	7.73E-39	1037.3755	1440.14783	1313.1248	215.9765897	192.4664981	148.3810193	Fcgr3
ENSMUSG00000026532	88.8366786	6.47308355	1.07E-40	1.15E-38	3.58643215	7.85892406	4.96925184	673.5059443	451.003585	329.4058628	Spta1
ENSMUSG00000031024	3.080231032	1.623038564	1.11E-40	1.18E-38	1763.62801	1456.84805	1718.11882	5135.127601	4771.445571	5304.126835	St5
ENSMUSG00000043415	3.00143106	1.585650531	1.21E-40	1.29E-38	463.546355	494.12985	537.921511	1509.941597	1427.699247	1544.151807	Otud1
ENSMUSG00000038244	2.761010421	1.465196333	1.44E-40	1.52E-38	2877.21519	2613.09225	2382.75626	7090.284097	7227.547897	7429.932238	Mical2
ENSMUSG00000073400	262.9288008	8.038528371	1.68E-40	1.76E-38	1.79321607	4.91182754	6.2115648	478.369201	1761.88237	1042.623962	Trim10
ENSMUSG00000000915	3.100810337	1.632645285	2.19E-40	2.28E-38	585.485048	688.638221	668.364372	1976.943609	2130.537105	1911.147528	Hip1r
ENSMUSG00000062168	36.86797488	5.204296268	2.25E-40	2.33E-38	9.86268841	2.94709652	14.9077555	314.4922272	378.2301827	297.7512453	Ppef1
ENSMUSG00000072941	3.001579005	1.585721642	2.54E-40	2.61E-38	5355.43981	4293.91963	5046.27524	14329.28892	15202.93826	14577.94054	Sod3
ENSMUSG00000042254	0.08067146	-3.631797825	4.27E-40	4.37E-38	1673.0706	2140.57444	3210.13669	213.1347925	209.7023039	143.4349853	Cilp
ENSMUSG00000027827	3.520688649	1.815857649	4.62E-40	4.70E-38	1186.21243	1050.14873	931.734719	3496.357863	3625.264486	4042.888172	Kcnab1

ENSMUSG00000039236	24.20358507	4.597148852	8.69E-40	8.79E-38	237.60113	275.062342	290.701232	3083.349998	9638.645619	6713.746519	Isg20
ENSMUSG00000038642	0.058829842	-4.087308025	8.75E-40	8.79E-38	4125.29358	8586.8569	5851.29404	408.2715359	446.2158612	237.4096308	Ctss
ENSMUSG00000021870	3.376128483	1.755369809	8.82E-40	8.81E-38	4603.18566	4025.73385	3456.11465	13671.88649	13648.8431	13492.78069	Slmap
ENSMUSG00000037419	2.558767711	1.355449183	9.03E-40	8.97E-38	1840.7363	1775.13447	1852.28862	4699.385358	4309.908994	4981.64542	Endod1
ENSMUSG00000060586	0.090212488	-3.470529024	1.03E-39	1.02E-37	7072.4442	15463.4155	9827.93782	979.4727798	947.9693188	992.1744155	H2-Eb1
ENSMUSG00000071547	0.128443615	-2.960792919	1.17E-39	1.15E-37	442.92437	389.999107	488.228993	53.04688169	68.94322318	47.48192617	Nt5dc2
ENSMUSG00000022358	2.826114334	1.498819833	1.56E-39	1.53E-37	1323.39346	1425.41235	1432.38684	4315.742732	3834.009245	3663.032762	Fbxo32
ENSMUSG00000024810	0.210170504	-2.250367882	2.84E-39	2.76E-37	2655.75301	2249.61701	1967.82373	519.101628	514.2015396	411.5100268	Il33
ENSMUSG00000029810	0.330898554	-1.595539107	3.23E-39	3.12E-37	3369.453	3553.21604	3418.84526	1026.836067	1276.407174	1118.792885	Tmem176b
ENSMUSG00000029761	2.465586515	1.301930876	3.95E-39	3.79E-37	24590.372	20952.8739	22791.4735	56152.0188	54979.34785	57356.1884	Cald1
ENSMUSG00000002012	3.299910244	1.722426784	3.99E-39	3.81E-37	399.887185	400.805127	411.20559	1219.131013	1305.133517	1473.918125	Pnck
ENSMUSG00000029126	0.325440841	-1.619532782	7.51E-39	7.12E-37	982.682409	908.688094	1022.42357	313.5449614	322.6925863	311.6001405	Nsg1
ENSMUSG00000019907	2.808545985	1.489823425	8.69E-39	8.19E-37	5039.83378	4255.60738	4325.73372	13512.74584	12498.83184	12250.33695	Ppp1r12a
ENSMUSG00000034275	4.507849353	2.172439303	1.08E-38	1.01E-36	672.456028	495.112216	472.078925	2491.308908	2378.5412	2533.358602	Igsf9b
ENSMUSG00000061353	0.354439542	-1.496388534	1.40E-38	1.31E-36	10146.9132	10143.9062	12189.5748	3803.271964	3835.924334	3871.755396	Cxcl12
ENSMUSG00000036446	0.189962066	-2.396216744	1.59E-38	1.48E-36	21289.9578	13443.672	17566.3052	3085.24453	3570.684434	3279.220526	Lum
ENSMUSG00000031930	3.865450628	1.950636611	1.94E-38	1.78E-36	3059.22662	2823.31847	3792.78146	11425.91941	13518.61701	12443.23228	Wwp2
ENSMUSG00000008855	2.343608854	1.228731806	2.18E-38	1.99E-36	1806.66519	1782.01103	1652.27624	4011.670428	4270.649658	4006.28752	Hdac5
ENSMUSG00000038530	2.134251498	1.093730192	4.03E-38	3.68E-36	1890.04974	1871.40629	1883.34645	3911.260259	3969.980602	4166.539021	Rgs4
ENSMUSG00000018830	3.897210941	1.962442021	1.24E-37	1.13E-35	65102.7096	52894.4884	45464.9274	216637.7812	205987.0302	214435.303	Myh11
ENSMUSG00000026840	10.57059274	3.401984372	1.40E-37	1.26E-35	80.6947233	41.2593513	75.7810905	682.9786018	613.7861953	790.3762293	Lamc3
ENSMUSG00000043004	0.175991501	-2.506422334	1.49E-37	1.34E-35	605.210425	664.079083	740.418524	116.5136866	139.8015359	96.94226592	Gng2
ENSMUSG00000019763	3.029664433	1.599158009	1.54E-37	1.37E-35	471.615827	451.888133	426.113345	1336.591965	1476.53403	1280.033593	Rmnd1
ENSMUSG00000028111	0.239637802	-2.061072587	1.72E-37	1.53E-35	5832.43528	4035.55751	4821.41659	1148.086082	1158.629167	1213.756738	Ctsk
ENSMUSG00000085180	4.092938351	2.033136937	1.82E-37	1.61E-35	581.002008	428.311361	453.44423	2133.242457	1876.787742	1984.348831	AI838599
ENSMUSG00000050315	3.25185487	1.701262871	1.91E-37	1.68E-35	6127.41933	6818.59899	5190.38354	19759.01616	18738.19353	20489.44035	Synpo2
ENSMUSG00000036908	0.182247481	-2.456029218	2.28E-37	1.99E-35	2073.85439	3098.38081	2795.20416	532.3633484	499.8383681	419.4236811	Unc93b1
ENSMUSG00000073414	64.55359299	6.012425492	2.55E-37	2.22E-35	8.96608037	6.87655855	17.3923814	754.0235326	987.2286542	354.1360327	Mpig6b
ENSMUSG00000044792	6.356648297	2.668266269	3.23E-37	2.79E-35	1325.18668	1764.32845	1622.46072	7806.417	12709.49169	9432.086792	Isca1
ENSMUSG00000027796	6.182842706	2.628270303	3.42E-37	2.94E-35	69.0388189	61.889027	52.1771443	373.2227033	356.2066531	410.52082	Smad9
ENSMUSG00000039062	0.342428162	-1.546126737	3.91E-37	3.35E-35	2940.87436	2607.19806	2426.23721	933.0567583	924.0306996	874.4588069	Anpep
ENSMUSG00000026207	3.164161816	1.661823381	9.18E-37	7.82E-35	2637.82085	3099.36318	2436.17571	8552.862407	8128.597522	9186.763506	Speg
ENSMUSG00000022548	0.290731999	-1.782238227	1.01E-36	8.55E-35	2197.5863	2169.06304	1739.23814	579.7266356	615.7012848	580.6643887	Apod
ENSMUSG00000020672	6.042241005	2.59508373	1.11E-36	9.37E-35	81.5913314	79.5716061	86.9619071	424.3750535	495.0506443	577.6967684	Sntg2
ENSMUSG00000034248	10.82982453	3.436937963	1.51E-36	1.26E-34	846.397987	949.947446	760.295531	12764.40591	9224.98628	5703.766381	Slc25a37
ENSMUSG00000034780	6.52072246	2.705031816	2.65E-36	2.21E-34	162.286055	115.91913	105.596602	860.117296	726.7764777	927.8759738	B3galt1
ENSMUSG00000027102	0.240375377	-2.056638974	2.90E-36	2.41E-34	648.247611	782.94531	684.514441	152.5097849	177.1457818	179.0464299	Hoxd8
ENSMUSG00000047658	82.61719636	6.368370198	5.56E-36	4.59E-34	4.48304019	2.94709652	2.48462592	296.494178	250.8767288	293.7944182	Gal3st3
ENSMUSG00000046805	0.076782529	-3.703078115	6.25E-36	5.14E-34	3889.48566	5726.20854	5149.38722	481.2109982	439.5130478	212.679461	Mpeg1
ENSMUSG00000022150	0.325994365	-1.617081069	6.39E-36	5.23E-34	3396.35124	2927.44921	3723.21194	1116.826313	1071.492594	1086.149061	Dab2
ENSMUSG00000024867	17.34363437	4.116334343	6.60E-36	5.37E-34	68.1422108	74.6597786	78.2657164	680.1368045	1557.925335	1591.633733	Pip5k1b
ENSMUSG00000043687	7.794439257	2.962445237	7.22E-36	5.86E-34	48.416834	45.1888133	75.7810905	413.9551303	439.5130478	451.0782986	1190005I06Rik
ENSMUSG00000050830	23.1101436	4.530454319	7.49E-36	6.05E-34	16.1389447	38.3122548	36.0270758	950.1075417	599.4230238	522.3011878	Vwc2
ENSMUSG00000068196	0.213839524	-2.225399563	8.72E-36	7.00E-34	11073.1093	7859.90643	9939.74599	1730.654515	2146.815366	2296.938178	Col8a1
ENSMUSG00000056737	0.357033024	-1.485870571	9.25E-36	7.39E-34	2098.06281	2527.62645	2323.12523	836.4356524	835.9365811	808.1819516	Capg
ENSMUSG00000030878	5.300729197	2.406190838	9.78E-36	7.78E-34	681.422108	638.53758	791.353355	3314.48284	4696.757079	3173.375399	Cdr2
ENSMUSG00000051839	1356.02114	10.40516395	1.59E-35	1.26E-33	3.58643215	1.96473102	7.45387776	2464.785467	10262.96481	4480.117575	Gypa
ENSMUSG00000075289	3.069733168	1.618113257	1.83E-35	1.44E-33	368.505903	438.135016	432.32491	1204.922027	1293.642979	1299.817729	Carns1
ENSMUSG00000042524	2.658743183	1.410744429	1.85E-35	1.45E-33	3375.72926	3644.57603	4010.18623	10078.90752	10131.78117	9107.626963	Sun2
ENSMUSG00000042331	4.598243142	2.201082754	1.89E-35	1.48E-33	711.906781	680.779297	792.595668	3251.963301	4055.202086	2736.145995	Specc1
ENSMUSG00000031880	3.456357586	1.789252483	2.40E-35	1.86E-33	927.989318	892.970246	1155.35105	3641.289522	3461.524331	3173.375399	Rrad
ENSMUSG00000036887	0.09635524	-3.375493067	3.04E-35	2.35E-33	3598.08805	6454.14138	7133.36101	570.2539782	652.0879859	433.2725763	C1qa
ENSMUSG00000018774	0.122297473	-3.031533503	4.75E-35	3.66E-33	805.154017	1080.60206	935.461658	146.8261904	117.7780063	80.12575041	Cd68
ENSMUSG00000055172	0.416034372	-1.265225369	6.16E-35	4.72E-33	3522.77298	3107.2221	3307.0371	1332.802902	1427.699247	1374.008238	C1ra
ENSMUSG00000025666	2.581597699	1.368264197	6.55E-35	5.00E-33	1438.15929	1221.08033	1249.76684	3432.891058	3296.826631	3367.259931	Tmem47
ENSMUSG00000015342	5.362809944	2.422989126	9.42E-35	7.15E-33	260.912939	219.067508	166.469937	1083.672012	1105.00666	1291.904074	Xk
ENSMUSG00000024678	0.317715931	-1.654190661	1.21E-34	9.15E-33	624.039194	644.431773	672.091311	210.2929953	200.1268562	205.7550134	Ms4a4d
ENSMUSG00000020053	0.129008859	-2.95445796	1.45E-34	1.09E-32	10248.2299	8175.24575	13624.4462	1383.007987	1703.47214	1047.569996	Igf1
ENSMUSG00000049565	10.85975129	3.440919158	1.85E-34	1.39E-32	23.311809	32.4180617	29.815511	293.6523808	262.367266	368.9741346	Aknad1
ENSMUSG00000078810	221.2001443	7.789208516	1.88E-34	1.40E-32	0	4.91182754	2.48462592	527.6270197	706.6680376	356.1144462	Gp6
ENSMUSG00000020902	2.710021422	1.438304256	2.13E-34	1.58E-32	2503.32964	2274.17615	2087.08577	6490.664881	5772.079852	6348.729211	Ntn1
ENSMUSG00000036896	0.106905169	-3.225596484	2.55E-34	1.88E-32	2699.6868	4204.52437	4574.19632	414.9023961	517.0741739	294.7836249	C1qc
ENSMUSG00000028031	0.110848877	-3.173333934	2.56E-34	1.89E-32	714.596606	827.151757	1270.88616	93.7793087	116.8204615	100.8990931	Dkk2
ENSMUSG00000059146	3.208936952	1.682095444	2.66E-34	1.94E-32	2083.71708	1699.49233	1663.45705	5553.81906	5576.74072	6355.653659	Ntrk3
ENSMUSG00000074622	0.199086996	-2.328529103	2.66E-34	1.94E-32	1342.22223	1529.5431	1564.07202	325.8594161	334.1831235	222.5715289	Mafb
ENSMUSG00000045573	0.08837953	-3.500143925	2.99E-34	2.17E-32	2799.21029	1281.00462	2356.66768	162.929708	195.3391324	210.7010474	Penk
ENSMUSG00000030560	0.295384894	-1.759332046	3.52E-34	2.55E-32	3315.65652	4160.31792	3795.26609	1231.445468	1099.261392	998.1096563	Ctsc
ENSMUSG00000029467	3.042935815	1.605463903	3.80E-34	2.74E-32	6019.82636	5013.99355	4663.64285	16807.3361	15413.59811	15555.27685	Atp2a2
ENSMUSG00000051359	2.815364943	1.493321945	5.13E-34	3.68E-32	359.539823	318.286424	344.12069	935.8985555	986.2711094	955.5737641	Ncald
ENSMUSG00000073490	0.176774294	-2.500019597	9.18E-34	6.56E-32	1205.0412	1275.11043	1381.45201	183.7695544	295.8813328	202.787393	Ifi207
ENSMUSG00000027330	3.010861543	1.590176366	1.52E-33	1.08E-31	529.89535	559.948339	566.494709	1516.572457	1856.679302	1611.417869	Cdc25b
ENSMUSG00000039252	0.342455075	-1.546013355	1.77E-33	1.25E-31	1768.11105	1696.54523	1884.58876	543.7305373	627.191822	660.7901391	Lgi2
ENSMUSG00000000318	0.097799376	-3.354030932	1.85E-33	1.30E-31	648.247611	1122.84378	1039.81595	73.88672807	116.8204615	84.08257759	Clec10a
ENSMUSG00000024679	0.089082772	-3.488709736	1.92E-33	1.35E-31	413.336305	577.630918	544.133076	39.78516127	64.15549935	32.64382424	Ms4a6d
ENSMUSG00000020846	0.279750329	-1.837788266	1.97E-33	1.38E-31	1697.27901	1807.55253	2248.58646	556.9922577	540.0552483	511.4199131	Rflnb
ENSMUSG00000004698	3.951930143	1.982557445	2.74E-33	1.90E-31	241.187562	209.243853	185.104631	811.806743	786.1442532	921.9407331	Hdac9
ENSMUSG00000025743	0.365562321	-1.451810718	2.74E-33	1.90E-31	3026.94873	3676.99409	3518.2303	1257.968909	1282.152442	1195.951015	Sdc3
ENSMUSG00000021508	0.106960575	-3.224848974	3.27E-33	2.26E-31	1726.86708	1827.19984	1782.7191	126.9336098	277.6879823	166.1867416	Cxcl14
ENSMUSG00000022231	4.263468651	2.092027649	3.42E-33	2.35E-31	726.25251	516.724257	519.286817	2461.94367	2355.560125	2705.480585	Sema5a
ENSMUSG00000021091	0.176375055	-2.503281559	3.72E-33	2.55E-31	4537.73328	3114.09866	2747.99627	615.7227339	651.1304412	567.8047004	Serpina3n
ENSMUSG00000006389	97.46895153	6.60687082	3.89E-33	2.66E-31	3.58643215	5.89419305	4.96925184	537.0996771	631.9795459	229.4959765	Mpl
ENSMUSG00000052336	0.046899422	-4.414286053	7.04E-33	4.78E-31	527.205526	934.229598	1140.4433	47.36328722	51.70741739	22.75175629	Cx3cr1
ENSMUSG00000032816	0.265237085	-1.91464559	8.05E-33	5.45E-31	441.131154	420.452437	417.417154	113.6718893	115.8629167	109.8019543	Igdcc4
ENSMUSG00000027339	0.255413222	-1.969094882	8.99E-33	6.06E-31	1431.88304	1548.20804	1868.43869	467.002012	391.6358095	378.8662025	Rassf2

ENSMUSG00000029822	4.068553038	2.024515798	9.35E-33	6.27E-31	521.825878	511.812429	443.505726	1967.470951	1687.193878	2361.23662	Osbpl3
ENSMUSG00000027797	0.167692785	-2.576107474	9.60E-33	6.42E-31	2025.43756	1566.87298	2351.69843	270.9180029	402.1688019	323.470622	Dclk1
ENSMUSG00000047953	40.13666323	5.326848778	1.03E-32	6.89E-31	7.1728643	7.85892406	8.69619071	332.4902763	415.5744286	197.841359	Gp5
ENSMUSG00000027883	4.262675897	2.091759367	1.53E-32	1.02E-30	412.439697	366.422334	383.874704	1947.578371	1345.350397	1664.835036	Gpsm2
ENSMUSG00000031875	0.26901608	-1.894235683	1.89E-32	1.25E-30	1625.55037	1627.77965	2154.17067	473.6328722	480.6874728	499.5494315	Cmtm3
ENSMUSG00000034353	3.728513142	1.898600427	1.96E-32	1.29E-30	567.552887	724.985745	814.957301	2517.832349	2637.078287	2691.63169	Ramp1
ENSMUSG00000053965	2.837634382	1.504688716	2.53E-32	1.66E-30	2065.78492	1632.69147	1805.08073	5287.637386	5395.764759	4937.131114	Pde5a
ENSMUSG00000031387	0.226411814	-2.142978856	3.01E-32	1.97E-30	389.127888	446.976306	434.809536	93.7793087	88.09411851	105.8451271	Renbp
ENSMUSG00000030787	0.385367322	-1.375693853	5.13E-32	3.34E-30	1615.68768	1406.74741	1578.97977	586.3574958	608.9984715	577.6967684	Lyve1
ENSMUSG00000026305	2.80084886	1.485864134	5.65E-32	3.66E-30	2902.32022	3674.047	3149.26335	8616.329212	9224.98628	9398.453761	Lrrfip1
ENSMUSG00000078771	0.09935321	-3.331289603	6.92E-32	4.47E-30	438.44133	729.897572	685.756753	51.1523502	78.51867085	54.40637373	Evi2a
ENSMUSG00000037145	149.797667	7.226871345	8.25E-32	5.30E-30	2.68982411	1.96473102	2.48462592	468.8965435	302.5841462	298.7404521	2210407C18Rik
ENSMUSG00000052430	6.704572956	2.745145443	9.02E-32	5.78E-30	97.730276	68.7655855	80.7503423	533.3106141	664.5360679	462.9487801	Bmpr1b
ENSMUSG00000073489	0.130083358	-2.942491689	1.01E-31	6.47E-30	815.016706	1343.87601	1218.70901	133.56447	181.9335056	123.6508494	Ifi204
ENSMUSG00000073421	0.105428878	-3.245658005	1.10E-31	7.01E-30	5814.50312	13533.0672	9856.51102	1113.984515	947.9693188	1016.904585	H2-Ab1
ENSMUSG00000031870	13.79459158	3.786030838	1.37E-31	8.68E-30	12.5525125	29.4709652	28.5731981	340.0684023	278.645527	341.2763443	Pgr
ENSMUSG00000005950	4.166719555	2.058912001	1.40E-31	8.83E-30	152.423366	188.614177	197.527761	678.242273	830.1913125	729.045408	P2rx5
ENSMUSG00000041773	0.292553178	-1.773229206	1.49E-31	9.34E-30	746.874495	687.655855	782.657164	192.2949461	234.5984678	221.5823221	Enc1
ENSMUSG00000031328	3.299715487	1.722341636	2.08E-31	1.30E-29	72924.7181	59907.5957	51882.7161	205555.7193	198111.2245	205851.9557	Flna
ENSMUSG00000033066	0.319586292	-1.645722565	2.40E-31	1.50E-29	1744.79924	1938.20715	2258.52496	607.1973422	635.8097249	654.8548984	Gas7
ENSMUSG00000026110	3.009000486	1.58928434	2.91E-31	1.81E-29	942.335047	771.156923	757.810905	2407.002257	2379.498745	2657.009452	Mgat4a
ENSMUSG00000053646	2.39338716	1.259053789	3.14E-31	1.94E-29	1055.30766	934.229598	995.09268	2506.46516	2277.998999	2360.247413	Plxnb1
ENSMUSG00000019944	4.673815124	2.224600669	3.21E-31	1.98E-29	766.599872	623.802097	560.283145	3628.027801	2972.218955	2525.444948	Rhobtb1
ENSMUSG00000046329	3.026675831	1.597734165	3.65E-31	2.24E-29	1137.7956	937.176694	909.373086	3249.121504	2840.077777	2950.80387	Slc25a23
ENSMUSG00000061119	0.363391457	-1.46040359	3.84E-31	2.35E-29	1413.95087	1629.74438	1610.0376	560.7813207	600.3805686	529.2256354	Prcp
ENSMUSG00000037656	2.043395267	1.0309683	4.56E-31	2.78E-29	1016.75351	1046.21927	1039.81595	2131.347925	2100.853218	2107.010474	Slc20a2
ENSMUSG00000030562	4.376615535	2.129815656	4.95E-31	3.01E-29	1912.46494	1360.57623	1432.38684	8029.971716	6456.72436	6114.287201	Nox4
ENSMUSG00000013584	0.080882413	-3.628030151	5.02E-31	3.04E-29	308.433165	445.99394	339.151438	34.1015668	36.38670112	17.80572231	Aldh1a2
ENSMUSG00000038521	0.290884902	-1.78147968	5.66E-31	3.42E-29	11116.1464	8303.93564	8229.08104	2556.670244	2698.361152	2788.573955	C1s1
ENSMUSG00000021838	2.895116807	1.533621556	8.19E-31	4.93E-29	1310.84095	1507.93105	1662.21474	4254.170458	4642.177028	4067.618342	Samd4
ENSMUSG00000057337	4.620314117	2.207990938	9.04E-31	5.42E-29	393.610928	291.762556	263.370347	1322.382979	1451.637866	1620.32073	Chst3
ENSMUSG00000079227	0.055858604	-4.162076664	1.05E-30	6.30E-29	555.000375	970.577121	812.472675	46.41602148	62.24040982	21.76254949	Ccr5
ENSMUSG00000044676	6.187069437	2.629256225	1.33E-30	7.90E-29	86.9709796	105.113109	109.32354	773.9161132	521.8618977	563.8478732	Zfp612
ENSMUSG00000020709	0.149536166	-2.74143365	1.87E-30	1.11E-28	347.883918	389.999107	441.021101	65.36133637	67.02813365	43.52509899	Adap2
ENSMUSG00000001630	2.608108431	1.38300385	2.35E-30	1.39E-28	1594.16909	1341.91128	1365.30194	3835.478999	3498.868577	3889.561118	Stk38l
ENSMUSG00000031342	0.234693218	-2.09115194	2.42E-30	1.43E-28	1434.57286	1212.23904	1668.4263	332.4902763	385.8905409	293.7944182	Gpm6b
ENSMUSG00000058793	2.254015731	1.172497584	2.68E-30	1.57E-28	3001.84371	2711.3288	2795.20416	6788.106325	6391.611316	6000.528419	Cds2
ENSMUSG00000026113	2.256270894	1.173940292	2.72E-30	1.59E-28	1302.77148	1292.79301	1201.31663	2687.392917	2984.667037	2899.365117	Inpp4a
ENSMUSG00000049493	81.81353938	6.35426771	2.73E-30	1.59E-28	4.48304019	4.91182754	1.24231296	227.3437787	428.0225106	253.2369396	Pls1
ENSMUSG00000069378	4.689621295	2.229471424	2.99E-30	1.74E-28	243.877386	198.437833	289.458919	1183.134915	971.9079379	1269.152318	Prdm6
ENSMUSG00000059921	5.257457812	2.394365368	3.07E-30	1.78E-28	330.848366	222.014605	253.431844	1285.439615	1266.831726	1692.532826	Unc5c
ENSMUSG00000031661	2.491349481	1.316927414	3.57E-30	2.06E-28	936.058791	934.229598	1083.2969	2379.53155	2399.607185	2571.937667	Nkd1
ENSMUSG00000034853	3.512335664	1.812430726	3.86E-30	2.22E-28	442.027762	372.316527	326.728308	1441.738463	1247.680831	1327.515519	Acot11
ENSMUSG00000110631	0.241380941	-2.050616328	4.46E-30	2.56E-28	1298.28844	1168.03259	980.184925	264.2871427	321.7350415	246.312492	Gm42047
ENSMUSG00000021922	10.71441734	3.421481492	5.30E-30	3.03E-28	520.92927	320.251155	260.885721	5330.264344	3010.520746	3484.975539	Itih4
ENSMUSG00000024538	0.321846828	-1.635553843	7.31E-30	4.16E-28	4240.05941	3546.33948	4558.04625	1221.025545	1451.637866	1299.817729	Ppic
ENSMUSG00000004552	60.54782497	5.92000323	1.33E-29	7.53E-28	10.7592964	8.84128957	3.72693888	240.6054991	761.2480893	447.1214714	Ctse
ENSMUSG00000022463	2.322274298	1.215538388	1.93E-29	1.09E-27	885.848741	983.347873	1023.66588	2181.553009	2246.400022	2284.07849	Srebf2
ENSMUSG00000026527	11.30467569	3.498847699	2.26E-29	1.27E-27	54.6930903	21.6120412	36.0270758	418.6914591	400.2537124	458.0027461	Rgs7
ENSMUSG00000052160	0.113599611	-3.137970198	2.37E-29	1.33E-27	856.260675	1603.22051	1478.35242	176.1914285	155.1222522	115.737195	Pld4
ENSMUSG00000099398	0.042803201	-4.546137503	2.78E-29	1.55E-27	212.496105	181.737619	145.350616	8.5253917	6.702813365	7.913654361	Ms4a14
ENSMUSG00000044968	6.345443038	2.665720896	2.83E-29	1.57E-27	348.780526	295.692018	185.104631	1543.095898	1826.03787	1911.147528	Napepld
ENSMUSG00000054690	0.461418354	-1.115852704	2.86E-29	1.58E-27	1801.28555	1970.62521	1857.25787	858.2227645	862.7478346	876.4372205	Emcn
ENSMUSG00000021458	2.361754413	1.239858954	3.56E-29	1.96E-27	2337.45715	2280.07034	2495.80674	5104.815097	5679.19801	6012.398901	2010111I01Rik
ENSMUSG00000041075	2.356353737	1.236556134	4.01E-29	2.21E-27	1167.38366	1024.60722	1103.17391	2620.137049	2707.9366	2437.405543	Fzd7
ENSMUSG00000059279	98.85917241	6.627302924	4.33E-29	2.37E-27	2.68982411	1.96473102	2.48462592	254.8144853	224.0654753	227.5175629	Olfr224
ENSMUSG00000040552	0.079882092	-3.645984066	5.40E-29	2.95E-27	818.603138	1223.04506	1008.75812	102.3047004	99.58465571	41.5466854	C3ar1
ENSMUSG00000042734	0.203374002	-2.297792832	7.11E-29	3.87E-27	277.051883	308.462769	330.455247	66.30860211	60.32532029	59.35240771	Ttc9
ENSMUSG00000040613	0.231516829	-2.110811026	8.05E-29	4.37E-27	886.745349	1157.22657	916.826964	269.0234714	212.5749382	203.7765998	Apobec1
ENSMUSG00000020097	0.429181455	-1.220340355	8.34E-29	4.51E-27	1794.11268	1682.79211	1665.94168	753.0762668	767.9509027	686.5095158	Sgpl1
ENSMUSG00000037336	9.558176357	3.256735387	1.30E-28	7.01E-27	40.3473617	54.0301029	54.6617702	549.4141318	545.8005169	323.470622	Mfsd2b
ENSMUSG00000041515	0.143570403	-2.800169727	1.37E-28	7.32E-27	709.216957	1187.6799	1095.72003	174.296897	123.5232749	131.5645038	Irf8
ENSMUSG00000025154	0.225223693	-2.15056949	1.50E-28	8.00E-27	403.473617	454.83523	526.740695	96.62110594	112.9902824	101.8882999	Arhgap19
ENSMUSG00000069763	0.350777492	-1.511371915	1.61E-28	8.60E-27	910.057158	834.028316	768.991722	288.9160521	302.5841462	290.8267978	Tmem100
ENSMUSG00000049625	0.114588005	-3.125472069	1.64E-28	8.71E-27	255.533291	429.293727	376.420827	40.73242701	40.21688019	40.5574786	Tifab
ENSMUSG00000031994	2.744224369	1.456398442	1.75E-28	9.24E-27	725.355902	713.197358	600.037159	1894.531489	1736.028662	1971.489143	Adamts8
ENSMUSG00000055691	19.47425222	4.283496027	2.45E-28	1.29E-26	10.7592964	9.82365508	4.96925184	189.4531489	156.0797969	166.1867416	Gja6
ENSMUSG00000052512	3.960043791	1.985516384	2.51E-28	1.32E-26	344.297486	439.117382	352.81688	1293.965007	1453.552955	1753.863648	Nav2
ENSMUSG00000028949	3.185305802	1.671431884	2.56E-28	1.35E-26	934.265575	1145.43818	826.138118	2983.887095	3225.968318	3052.69217	Smarcd3
ENSMUSG00000034255	0.27686786	-1.852730505	2.71E-28	1.42E-26	482.375124	476.447271	432.32491	127.8808755	140.7590807	116.7264018	Arhgap27
ENSMUSG00000021493	2.838996241	1.505380939	3.06E-28	1.60E-26	2791.14082	3575.81045	3514.50336	8727.159304	9669.287052	9650.701493	Pdlim7
ENSMUSG00000038871	10.13258971	3.340931044	3.18E-28	1.65E-26	619.556154	984.330239	699.422196	7734.424804	10886.32645	4718.516413	Bpgm
ENSMUSG00000044338	0.150485122	-2.732307231	3.28E-28	1.70E-26	1202.35138	1103.19646	1315.60942	152.5097849	254.7069079	137.4997445	Aplnr
ENSMUSG00000021423	0.085178712	-3.55336327	4.16E-28	2.15E-26	550.517335	1238.76291	1172.74343	95.67384019	85.22148421	71.22288925	Ly86
ENSMUSG00000026389	0.336083777	-1.573107191	4.24E-28	2.18E-26	2189.51683	1790.85232	1996.39693	722.763763	692.3048661	593.5240771	Steap3
ENSMUSG00000024030	0.181515244	-2.461837383	5.13E-28	2.63E-26	631.212058	835.010681	695.695257	148.7207219	146.5043493	96.94226592	Abcg1
ENSMUSG00000022575	0.353291347	-1.501069681	5.88E-28	3.01E-26	969.233288	1023.62486	929.250093	305.9668355	363.8670112	363.0388938	Gsdmd
ENSMUSG00000032946	2.265600285	1.179893352	6.85E-28	3.49E-26	1166.48706	1002.01282	1101.93159	2441.103823	2435.036341	2534.347809	Rasgrp2
ENSMUSG00000048442	4.154681984	2.054738051	7.28E-28	3.70E-26	204.426632	176.825791	197.527761	922.6368351	656.8757098	824.9984671	Smim5
ENSMUSG00000022051	11.88927811	3.571589215	8.40E-28	4.26E-26	2513.19233	2607.19806	3216.34825	16000.26569	43919.7058	39190.39481	Bnip3l
ENSMUSG00000039410	3.297530325	1.721385927	9.75E-28	4.93E-26	627.625626	509.847698	593.825595	1819.697495	1702.514595	2187.136224	Prdm16
ENSMUSG00000070942	0.194898904	-2.359202119	1.18E-27	5.95E-26	633.005274	485.288561	462.140421	98.51563742	118.735551	91.00702515	Il1rl2
ENSMUSG00000036412	0.117582173	-3.088258753	1.30E-27	6.51E-26	410.646481	434.205554	542.890763	36.94336403	74.68849178	51.43875335	Arsi
ENSMUSG00000056481	0.32332922	-1.628924201	1.44E-27	7.22E-26	2333.87072	2119.94477	2678.42674	708.5547769	732.5217463	864.5667389	Cd248

ENSMUSG00000049107	2.994095157	1.582120073	1.50E-27	7.51E-26	249.257034	211.208584	222.37402	644.1407062	709.5406719	693.4339634	Ntf3
ENSMUSG00000033684	2.006210489	1.004472979	1.58E-27	7.88E-26	3124.67901	3460.87368	3187.77505	6614.756694	6676.959656	6316.085387	Qsox1
ENSMUSG00000001435	2.766344091	1.467980617	2.33E-27	1.16E-25	13108.4095	11076.1711	9765.82217	30845.81444	31853.6842	31229.25852	Col18a1
ENSMUSG00000031963	0.125503852	-2.994196454	2.74E-27	1.36E-25	680.5255	434.205554	629.85267	55.88867892	94.79693188	68.25526886	Bmper
ENSMUSG00000026872	0.490345345	-1.028129913	3.20E-27	1.58E-25	5066.73202	4485.48091	4780.42027	2331.220997	2384.286468	2312.765487	Zeb2
ENSMUSG00000020689	2.517474225	1.331977007	4.82E-27	2.37E-25	1481.19648	1284.93408	1498.22943	3895.156741	3338.001056	3499.813641	Itgb3
ENSMUSG00000033880	0.273787029	-1.868873996	5.13E-27	2.52E-25	1525.13027	2129.76842	1577.73746	461.3184176	506.5411814	464.9271937	Lgals3bp
ENSMUSG00000021322	0.075534853	-3.726713705	8.43E-27	4.11E-25	151.526758	222.014605	188.83157	11.36718893	16.27826103	14.83810193	Aoah
ENSMUSG00000024610	0.131002143	-2.932337684	9.11E-27	4.43E-25	11793.9821	25280.194	16577.4241	2613.506189	1880.617921	2534.347809	Cd74
ENSMUSG00000045903	3.340562516	1.740091058	9.76E-27	4.74E-25	181.114823	147.354826	157.773746	512.4707678	542.9278826	571.7615276	Npas4
ENSMUSG00000038156	0.33834679	-1.563425393	1.03E-26	5.00E-25	2402.90954	1889.08887	2227.46714	766.3379873	776.5688056	662.7685527	Spon1
ENSMUSG00000049037	0.10252821	-3.285907188	1.35E-26	6.51E-25	471.615827	856.622723	655.941242	52.09961595	91.92429758	59.35240771	Clec4a1
ENSMUSG00000020900	6.094317595	2.607464686	1.61E-26	7.74E-25	2892.45753	1733.87512	1595.12984	12105.10895	11052.93924	14770.83586	Myh10
ENSMUSG00000002020	0.279831692	-1.83736873	1.80E-26	8.60E-25	5347.37033	4242.83663	3703.33493	1106.40639	1316.624054	1297.839315	Ltbp2
ENSMUSG00000056602	2.559212994	1.355700223	1.80E-26	8.60E-25	1786.93982	1473.54826	1437.35609	3889.473147	3965.192878	4175.441882	Fry
ENSMUSG00000021871	0.371289421	-1.429383884	1.83E-26	8.69E-25	2172.48127	2440.19592	2237.40564	830.7520579	954.6721321	757.7324051	Pnp
ENSMUSG00000048458	2.851768481	1.511856862	2.03E-26	9.65E-25	534.37839	426.34663	470.836612	1461.631044	1350.138121	1273.109145	Fam212b
ENSMUSG00000032011	0.253486872	-1.980017061	2.14E-26	1.01E-24	2870.04233	2971.65566	4169.20229	803.2813513	945.0966845	788.3978157	Thy1
ENSMUSG00000022636	2.88344391	1.527792959	2.35E-26	1.11E-24	348.780526	382.140182	326.728308	1125.351704	946.0542292	981.2931408	Alcam
ENSMUSG00000042613	2.780438595	1.475312476	2.51E-26	1.18E-24	5927.47573	7369.70604	8020.37246	19777.96148	19459.22474	20025.50236	Pbxip1
ENSMUSG00000062980	4.10840261	2.038577568	2.50E-26	1.18E-24	3531.73906	2561.02688	2192.68237	12257.61873	10650.77044	11143.41455	Cped1
ENSMUSG00000054203	0.130429774	-2.93865485	2.98E-26	1.39E-24	475.20226	800.627889	565.252396	64.41407062	100.5422005	75.17971643	Ifi205
ENSMUSG00000031239	0.138177638	-2.855403936	3.81E-26	1.78E-24	2246.89974	1399.87085	2376.54469	265.2344084	359.0792874	207.733427	Itm2a
ENSMUSG00000035873	3.33144095	1.736146322	4.06E-26	1.89E-24	576.518968	499.041678	422.386406	1710.761934	1487.067022	1801.345574	Pawr
ENSMUSG00000006574	480.0426694	8.907018838	4.14E-26	1.92E-24	3.58643215	1.96473102	13.6654426	3166.709384	4337.677792	1452.155575	Slc4a1
ENSMUSG00000062593	0.138791282	-2.849011141	5.09E-26	2.35E-24	1129.72613	1648.40932	1096.96234	231.1328416	182.8910504	123.6508494	Lilrb4a
ENSMUSG00000062382	15.41482055	3.94624619	5.39E-26	2.49E-24	34.0711054	55.0124684	54.6617702	406.3770044	1059.044512	741.9050963	Ftl1-ps1
ENSMUSG00000038227	0.392744855	-1.348335718	7.07E-26	3.25E-24	838.328515	808.486813	797.56492	305.9668355	346.6312055	307.6433133	Hoxa9
ENSMUSG00000020101	0.338017696	-1.564829318	8.01E-26	3.67E-24	2095.37298	2642.56322	2273.43272	866.7481562	798.5923352	704.3152381	Vsir
ENSMUSG00000037820	2.01545038	1.011102265	8.56E-26	3.91E-24	8654.06077	9662.54713	9083.79236	17460.94947	19314.63548	18447.71752	Tgm2
ENSMUSG00000040964	2.544022803	1.347111602	8.56E-26	3.91E-24	976.406152	1194.55646	1139.20098	2779.277694	2640.908466	2997.296589	Arhgef10l
ENSMUSG00000034449	7.366055144	2.880892198	9.46E-26	4.30E-24	170.355527	210.226219	167.712249	891.3770655	1831.783138	1317.623451	Dhrs11
ENSMUSG00000040966	10.37930076	3.37563735	1.03E-25	4.66E-24	16.1389447	16.7002136	18.6346944	176.1914285	203.9570353	151.3486397	Slc22a2
ENSMUSG00000030148	0.088270973	-3.501917089	1.06E-25	4.79E-24	313.812813	515.741891	436.051849	30.31250382	54.58005169	26.70858347	Clec4a2
ENSMUSG00000037868	0.236693847	-2.078905892	1.07E-25	4.83E-24	364.919471	385.087279	439.778788	95.67384019	105.3299243	80.12575041	Egr2
ENSMUSG00000056069	0.115537548	-3.113566319	1.12E-25	5.03E-24	333.53819	512.794795	470.836612	45.46875573	68.94322318	37.58985821	Fam105a
ENSMUSG00000022483	0.01453348	-6.104476008	1.13E-25	5.05E-24	310.226381	589.419305	356.543819	2.841797233	14.3631715	0.989206795	Col2a1
ENSMUSG00000041741	2.471095517	1.305150777	1.14E-25	5.11E-24	2863.76607	2292.84109	2454.81041	5960.196064	6312.1351	6540.635329	Pde3a
ENSMUSG00000031548	0.480613149	-1.057051977	1.20E-25	5.35E-24	2861.97285	2857.70126	3180.32118	1429.424008	1383.652188	1463.03685	Sfrp1
ENSMUSG00000021215	2.365036119	1.241862217	1.26E-25	5.62E-24	3264.54986	2814.47718	3272.25233	6857.256724	7947.621561	7309.249009	Net1
ENSMUSG00000032125	0.377006761	-1.407337698	1.26E-25	5.62E-24	1037.3755	903.776267	893.223018	347.6465282	375.3575484	346.2223783	Robo4
ENSMUSG00000039153	0.213574115	-2.22719129	1.49E-25	6.60E-24	273.465451	257.379763	282.005042	65.36133637	50.74987262	57.37399412	Runx2
ENSMUSG00000028780	2.332955839	1.222158999	1.53E-25	6.77E-24	1130.62273	967.630025	1129.26248	2600.244469	2385.244013	2542.261463	Sema3c
ENSMUSG00000037362	2.905779357	1.53892516	1.55E-25	6.85E-24	8554.53728	6684.01491	6503.50834	20531.98501	22864.25393	19789.08194	Nov
ENSMUSG00000040896	5.111663792	2.353792949	1.66E-25	7.28E-24	73.521859	76.6245096	118.019731	444.2676342	462.4941222	452.0675054	Kcnd3
ENSMUSG00000025810	0.443718019	-1.172284955	1.67E-25	7.30E-24	3006.32675	2531.55591	2716.93844	1210.605621	1208.421495	1244.422148	Nrp1
ENSMUSG00000050379	2.573940932	1.363978947	1.77E-25	7.72E-24	546.034295	468.588347	490.713619	1299.648601	1197.888503	1379.943479	6-Sep
ENSMUSG00000031849	0.312866464	-1.676381071	2.04E-25	8.89E-24	3614.227	2793.8475	3702.09262	932.1094926	1131.817914	1099.008749	Comp
ENSMUSG00000020676	0.345544498	-1.533056586	2.09E-25	9.05E-24	712.803389	867.428743	849.742064	282.2851918	270.9851689	285.8807638	Ccl11
ENSMUSG00000024349	0.285478614	-1.808545419	2.46E-25	1.06E-23	650.937435	802.59262	648.487365	224.5019814	187.6787742	187.9492911	Tmem173
ENSMUSG00000069793	0.127779569	-2.968270916	2.62E-25	1.13E-23	272.568843	380.175451	427.355658	38.83789552	58.41023075	40.5574786	Slfn9
ENSMUSG00000029581	0.131167893	-2.930513469	2.66E-25	1.14E-23	1102.82789	1298.6872	2065.96645	151.5625191	242.2588259	191.9061183	Fscn1
ENSMUSG00000044350	0.121105403	-3.045664859	2.74E-25	1.17E-23	362.229647	399.822762	245.977966	43.57422425	46.91969356	31.65461744	Lacc1
ENSMUSG00000045763	0.079139296	-3.659461958	3.41E-25	1.46E-23	579.208792	865.464012	1364.05963	73.88672807	96.71202141	51.43875335	Basp1
ENSMUSG00000097617	2.536128681	1.342627949	3.63E-25	1.55E-23	288.707788	293.727287	327.970621	770.1270502	787.101798	746.8511303	Gm10687
ENSMUSG00000038264	0.292128631	-1.775324334	4.02E-25	1.71E-23	563.069847	548.159953	660.910494	152.5097849	187.6787742	177.0680163	Sema7a
ENSMUSG00000022434	2.224000029	1.153156807	4.25E-25	1.81E-23	475.20226	472.517809	467.109673	1098.828264	1027.445534	1020.861413	Fam118a
ENSMUSG00000039109	0.414480711	-1.27062313	4.37E-25	1.85E-23	1955.50213	1807.55253	1868.43869	721.8164973	865.6204689	746.8511303	F13a1
ENSMUSG00000058013	0.442471022	-1.176345119	5.00E-25	2.12E-23	2268.41833	2386.16582	2653.58048	1030.62513	1115.539653	1086.149061	11-Sep
ENSMUSG00000006576	2.229549346	1.15675213	5.11E-25	2.15E-23	1533.19974	1600.27341	1785.20372	3520.039506	3562.066531	3877.690637	Slc4a3
ENSMUSG00000018920	0.19081126	-2.389781788	5.12E-25	2.15E-23	1040.06532	1839.9706	1694.51488	296.494178	288.2209747	287.8591774	Cxcl16
ENSMUSG00000028926	0.333543924	-1.584051336	6.50E-25	2.72E-23	1371.8103	1029.51905	1212.49745	396.9043469	403.1263467	405.574786	Cdk14
ENSMUSG00000019789	2.358414632	1.23781738	7.96E-25	3.32E-23	884.055525	770.174558	770.234035	1818.750229	1872.957563	2030.84155	Hey2
ENSMUSG00000036553	0.262730283	-1.928345597	8.02E-25	3.34E-23	490.444596	537.353933	434.809536	119.3554838	147.461894	117.7156086	Sh3tc1
ENSMUSG00000036305	25.93631537	4.696901633	8.46E-25	3.51E-23	20.6219849	22.5944067	31.057824	265.2344084	679.8567842	969.4226592	Rpl39-ps
ENSMUSG00000035352	0.048826415	-4.356194326	8.49E-25	3.52E-23	150.63015	266.221053	334.182186	15.15625191	10.53299243	10.88127475	Ccl12
ENSMUSG00000019843	0.468116848	-1.095059405	9.23E-25	3.82E-23	1327.8765	1227.95688	1265.91691	612.8809367	592.7202104	583.6320091	Fyn
ENSMUSG00000004730	0.119138582	-3.069287408	1.20E-24	4.94E-23	1362.84422	1615.00889	1151.62411	226.3965129	170.4429684	94.96385233	Adgre1
ENSMUSG00000040229	0.148709077	-2.749435389	1.26E-24	5.17E-23	190.080904	175.843426	218.647081	26.52344084	31.59897729	28.68699706	Gpr34
ENSMUSG00000022817	2.39096531	1.257593198	1.26E-24	5.18E-23	4561.94169	3895.07924	4841.2936	10209.63019	10345.31366	11236.39999	Itgb5
ENSMUSG00000028479	2.421367332	1.275821959	1.30E-24	5.33E-23	608.796857	513.77716	539.163824	1404.795099	1298.430703	1323.558692	Gne
ENSMUSG00000027994	0.20342391	-2.297438832	1.44E-24	5.87E-23	352.366959	502.97114	423.628719	89.04297998	95.75447664	75.17971643	Mcub
ENSMUSG00000020467	0.370859499	-1.431055372	1.46E-24	5.94E-23	947.714695	931.282501	859.680568	372.2754376	339.9283921	303.6864861	Efemp1
ENSMUSG00000056214	0.382162626	-1.3877414	1.69E-24	6.87E-23	609.693465	573.701456	571.463961	231.1328416	224.0654753	215.6470813	Pard6g
ENSMUSG00000020399	0.043321188	-4.528783393	1.84E-24	7.47E-23	132.697989	197.455467	136.654426	6.630860211	8.617902898	4.946033976	Havcr2
ENSMUSG00000010051	3.314230689	1.728674026	2.01E-24	8.11E-23	467.132787	341.863197	377.66314	1401.953302	1172.992339	1362.137757	Hyal1
ENSMUSG00000007207	3.291008449	1.71852973	2.05E-24	8.28E-23	324.572109	241.661915	260.885721	833.5938551	969.0353036	923.9191467	Stx1a
ENSMUSG00000032038	0.411949881	-1.279459271	2.38E-24	9.59E-23	1196.97173	1178.83861	1251.00915	537.0996771	448.1309507	508.4522927	St3gal4
ENSMUSG00000047810	0.093764098	-3.414820566	2.46E-24	9.87E-23	234.911306	445.99394	356.543819	41.67969276	27.76879823	27.69779026	Ccdc88b
ENSMUSG00000022484	0.309265919	-1.693080239	2.65E-24	1.06E-22	620.452762	712.214993	782.657164	198.9258063	216.4051172	238.3988376	Hoxc10
ENSMUSG00000021892	0.381528906	-1.39013573	3.08E-24	1.23E-22	1138.69221	1257.42785	1406.29827	487.8418584	503.6685471	458.0027461	Sh3bp5
ENSMUSG00000031129	0.221660662	-2.173575339	3.08E-24	1.23E-22	320.985677	304.533307	388.843956	84.30665126	70.85831272	69.24447566	Slc9a9
ENSMUSG00000000386	0.039747961	-4.652975333	3.48E-24	1.39E-22	175.735175	506.900602	455.928856	17.0507834	17.2358058	10.88127475	Mx1
ENSMUSG00000018677	5.981649801	2.580543449	3.60E-24	1.43E-22	1387.05263	1707.35125	2162.86686	8049.864296	14288.483	9098.724102	Slc25a39

ENSMUSG00000078652	5.116979257	2.355292385	4.58E-24	1.81E-22	899.297861	1014.78357	1059.69295	4517.510335	6928.79393	3766.899476	Psme3
ENSMUSG00000040133	0.053505526	-4.224168282	5.68E-24	2.24E-22	242.980778	307.480404	458.413482	12.31445468	29.68388776	11.87048154	Gpr176
ENSMUSG00000004098	0.179635887	-2.476852496	5.72E-24	2.25E-22	2024.54095	2268.28196	2669.73055	282.2851918	541.9703378	426.3481287	Col5a3
ENSMUSG00000038025	2.044093139	1.031460934	6.56E-24	2.58E-22	1211.31746	1148.38528	1202.55894	2264.912395	2504.937109	2511.596053	Phf2
ENSMUSG00000054808	2.227693144	1.155550521	6.63E-24	2.60E-22	13463.4663	12516.3189	11073.9777	28968.33373	27324.49746	26259.48358	Actn4
ENSMUSG00000024663	0.352407089	-1.504685151	6.66E-24	2.61E-22	1064.27374	1166.06786	1226.16289	354.2773884	454.8337641	408.5424064	Rab3il1
ENSMUSG00000053063	0.094876532	-3.397804908	6.93E-24	2.70E-22	427.682034	907.705729	680.787502	43.57422425	79.47621561	68.25526886	Clec12a
ENSMUSG00000028883	3.135712539	1.648793309	7.51E-24	2.92E-22	136.284422	155.21375	134.1698	449.0039629	420.3621525	466.9056073	Sema3a
ENSMUSG00000039646	2.665204314	1.414246134	8.30E-24	3.22E-22	1735.83316	1487.30138	1961.61216	4274.063039	4842.303884	4695.764656	Vasn
ENSMUSG00000044811	0.080402908	-3.636608505	8.58E-24	3.32E-22	322.778893	700.426607	542.890763	50.20508446	48.83478309	26.70858347	Cd300c2
ENSMUSG00000019929	0.328998271	-1.603848093	8.74E-24	3.37E-22	59095.4357	51368.8748	74779.7863	19462.52199	20909.90506	20571.54451	Dcn
ENSMUSG00000006651	3.173133337	1.665908146	9.14E-24	3.51E-22	145.250502	120.830957	146.592929	431.9531795	432.8102344	443.1646442	Aplp1
ENSMUSG00000020218	18.80268771	4.232866995	9.14E-24	3.51E-22	10.7592964	9.82365508	34.7847629	307.861367	332.268034	368.9741346	Wif1
ENSMUSG00000072589	86.30872474	6.4314345	9.85E-24	3.77E-22	0.89660804	0.98236551	6.2115648	152.5097849	242.2588259	234.4420104	Gm10371
ENSMUSG00000040950	0.189077155	-2.402953034	1.02E-23	3.90E-22	665.283163	720.073917	445.990352	108.9355606	107.2450138	130.575297	Mgl2
ENSMUSG00000048915	3.273918767	1.711018526	1.03E-23	3.93E-22	307.536557	365.439969	448.474978	1248.496251	1246.723286	1166.274811	Efna5
ENSMUSG00000026259	3.96707955	1.988077327	1.09E-23	4.13E-22	153.319974	140.478268	187.589257	714.2383713	653.0455307	536.150083	Ngef
ENSMUSG00000037621	2.875310198	1.523717607	1.11E-23	4.21E-22	425.888818	492.165119	551.586954	1298.701336	1537.816895	1381.921893	Atoh8
ENSMUSG00000015316	44.32278948	5.469976776	1.13E-23	4.28E-22	7.1728643	5.89419305	12.4231296	255.761751	645.3851726	207.733427	Slamf1
ENSMUSG00000065592	3.490372389	1.803380966	1.14E-23	4.30E-22	253.740074	207.279122	206.223951	865.8008904	802.4225143	664.7469663	Mir145a
ENSMUSG00000091971	6.532587433	2.707654529	1.16E-23	4.39E-22	442.92437	396.875665	500.652123	1814.013901	3060.313074	3878.679844	Hspa1a
ENSMUSG00000012519	0.256951656	-1.960431147	1.22E-23	4.58E-22	348.780526	424.381899	370.209262	105.1464976	103.4148348	85.07178438	Mlkl
ENSMUSG00000037095	0.397503876	-1.330959168	1.32E-23	4.94E-22	2537.40074	2953.97308	3273.49465	1152.822411	1188.313055	1141.544642	Lrg1
ENSMUSG00000028465	2.317962918	1.212857487	1.35E-23	5.07E-22	8076.6452	7292.09916	6471.2082	17813.33232	16178.67637	16640.43671	Tln1
ENSMUSG00000032411	7.558344789	2.918070332	1.38E-23	5.15E-22	698.457661	562.895436	439.778788	2940.312871	6185.739191	3741.180099	Tfdp2
ENSMUSG00000020427	0.157186776	-2.669448243	1.38E-23	5.15E-22	1935.77675	1612.0618	2688.36524	232.0801074	414.6168839	333.36269	Igfbp3
ENSMUSG00000024885	0.241600972	-2.049301834	1.53E-23	5.68E-22	315.606029	404.734589	409.963277	95.67384019	91.92429758	85.07178438	Aldh3b1
ENSMUSG00000006344	0.19036141	-2.393187049	1.59E-23	5.92E-22	634.79849	757.403806	1046.02751	139.2480644	180.9759609	143.4349853	Ggt5
ENSMUSG00000005836	2.159866469	1.110942123	1.64E-23	6.08E-22	572.035928	573.701456	532.95226	1263.652503	1166.289526	1198.918636	Gata6
ENSMUSG00000031613	0.279844464	-1.837302887	1.66E-23	6.14E-22	312.916205	330.074811	354.059193	97.56837168	85.22148421	95.95305913	Hpgd
ENSMUSG00000023992	0.057296401	-4.125411657	1.68E-23	6.19E-22	589.968088	900.82917	1074.60071	39.78516127	83.30639468	23.74096308	Trem2
ENSMUSG00000030579	0.199265123	-2.327238874	2.02E-23	7.45E-22	1011.37387	1570.80245	1318.09405	289.8633178	290.1360642	196.8521522	Tyrobp
ENSMUSG00000031494	0.097431347	-3.359470184	2.13E-23	7.82E-22	178.424999	147.354826	168.954562	12.31445468	22.02352963	13.84889513	Cd209a
ENSMUSG00000047592	0.074580373	-3.745060171	2.14E-23	7.82E-22	187.39108	216.120412	268.339599	14.20898617	25.85370869	9.892067951	Nxpe5
ENSMUSG00000026469	2.977244951	1.573977923	2.26E-23	8.28E-22	1149.4515	963.700563	846.015125	3071.982809	2625.58775	3120.947439	Xpr1
ENSMUSG00000061718	18.45864495	4.206224743	2.34E-23	8.53E-22	7.1728643	7.85892406	6.2115648	130.7226727	115.8629167	148.3810193	Ppp1r1b
ENSMUSG00000040543	3.041443962	1.604756423	2.35E-23	8.55E-22	348.780526	303.550942	345.363003	992.7345002	885.728909	1155.393537	Pitpnm3
ENSMUSG00000064080	0.402789811	-1.311900904	2.50E-23	9.09E-22	8376.11228	7494.46646	6394.1848	2931.787479	2970.303866	3067.530272	Fbln2
ENSMUSG00000026090	8.71625852	3.123708987	2.69E-23	9.74E-22	35.8643215	21.6120412	47.2078925	280.3906604	359.0792874	264.1182143	2010300C02Rik
ENSMUSG00000052609	2.987749734	1.579059307	2.79E-23	1.01E-21	1978.81394	1508.91342	1444.80997	4508.037678	5148.718209	5088.479754	Plekhg3
ENSMUSG00000053687	0.082733337	-3.595387408	2.78E-23	1.01E-21	183.804648	290.78019	211.193203	26.52344084	17.2358058	12.85968834	Dpep2
ENSMUSG00000022021	19.44435613	4.281279558	2.92E-23	1.05E-21	78.9015073	93.3247232	110.565853	709.5020426	1783.9059	2997.296589	Diaph3
ENSMUSG00000034429	3.188774823	1.673002225	3.72E-23	1.34E-21	307.536557	290.78019	409.963277	1076.093886	1048.511519	1081.203027	Zfp707
ENSMUSG00000062960	0.379097805	-1.39935799	3.84E-23	1.37E-21	2221.79472	1741.73404	1798.86916	741.7090779	706.6680376	736.9590624	Kdr
ENSMUSG00000022037	2.626597815	1.393195312	4.01E-23	1.43E-21	6063.76015	5341.12126	4440.02652	14208.0389	13875.78121	13544.21944	Clu
ENSMUSG00000021262	0.324751288	-1.622592849	4.02E-23	1.43E-21	600.727385	684.708759	718.05689	240.6054991	216.4051172	192.8953251	Evl
ENSMUSG00000002900	0.24189138	-2.047568739	4.78E-23	1.70E-21	3334.48529	2184.78089	2145.47448	592.988356	678.8992394	582.6428023	Lamb1
ENSMUSG00000070348	0.392750369	-1.348315463	5.09E-23	1.80E-21	1536.78618	1562.94352	1311.88248	558.8867892	544.8429721	630.1247285	Ccnd1
ENSMUSG00000029516	0.299843819	-1.73771686	5.55E-23	1.96E-21	390.024496	364.457603	365.24001	99.46290317	114.905372	121.6724358	Cit
ENSMUSG00000031740	0.20142142	-2.311710983	6.01E-23	2.12E-21	19301.2812	9836.42583	13677.8657	3025.566788	2852.525859	2746.038063	Mmp2
ENSMUSG00000027533	0.345189831	-1.534538131	6.15E-23	2.17E-21	1036.47889	1200.45065	1123.05092	326.8066818	412.7017943	420.4128879	Fabp5
ENSMUSG00000030707	0.132435775	-2.916635207	6.67E-23	2.35E-21	1268.70037	2424.47807	2227.46714	341.9629338	249.919184	191.9061183	Coro1a
ENSMUSG00000027199	0.208637068	-2.260932597	7.11E-23	2.50E-21	407.956657	582.542746	551.586954	87.14844849	118.735551	115.737195	Gatm
ENSMUSG00000032387	2.726808412	1.447213339	7.26E-23	2.54E-21	974.612936	1011.83647	1269.64384	2941.260137	3171.388266	2756.919338	Rbpms2
ENSMUSG00000057914	3.724141768	1.896907993	7.30E-23	2.55E-21	241.187562	198.437833	188.83157	656.4551609	787.101798	902.1565972	Cacnb2
ENSMUSG00000088185	45.42240713	5.505332258	7.48E-23	2.61E-21	3.58643215	5.89419305	8.69619071	279.4433946	131.183633	393.7043045	Scarna2
ENSMUSG00000056174	0.145467354	-2.781232673	7.53E-23	2.62E-21	918.12663	465.641251	679.545189	85.253917	108.2025586	106.8343339	Col8a2
ENSMUSG00000016382	2.992046149	1.581132427	1.03E-22	3.56E-21	10739.5711	8363.85993	7339.58496	27249.99367	25588.46879	26290.14899	Pls3
ENSMUSG00000025059	3.496012848	1.805710487	1.06E-22	3.67E-21	199.943592	201.384929	157.773746	668.7696156	566.8665017	725.0885808	Gk
ENSMUSG00000090136	36.86796223	5.204295773	1.07E-22	3.72E-21	16.1389447	14.7354826	21.1193203	190.4004146	818.7007753	898.19977	Gm10177
ENSMUSG00000005124	0.226506417	-2.142376173	1.34E-22	4.62E-21	1144.07186	977.45368	1608.79528	269.9707372	310.2445043	264.1182143	Wisp1
ENSMUSG00000046318	0.256077064	-1.965350056	1.41E-22	4.85E-21	915.436806	616.925539	705.633761	193.2422119	202.0419457	178.0572231	Ccbe1
ENSMUSG00000022518	6.671077788	2.737919864	1.57E-22	5.38E-21	41.2439697	29.4709652	24.8462592	200.8203378	236.5135573	207.733427	4930562C15Rik
ENSMUSG00000035208	0.182357277	-2.45516032	1.71E-22	5.84E-21	441.131154	634.608118	623.641106	116.5136866	116.8204615	76.16892323	Slfn8
ENSMUSG00000060924	0.212422631	-2.23499062	1.82E-22	6.19E-21	328.158542	362.492872	270.824225	58.73047616	77.56112608	68.25526886	Csmd1
ENSMUSG00000050335	0.111108535	-3.169958444	1.87E-22	6.35E-21	1809.35502	4055.20482	3249.8907	318.2812901	454.8337641	239.3880444	Lgals3
ENSMUSG00000052688	0.202430058	-2.30450457	1.87E-22	6.35E-21	879.572484	1209.29194	1484.56399	249.1308908	274.815348	198.8305658	Rab7b
ENSMUSG00000053411	2.152253273	1.105847861	1.94E-22	6.59E-21	835.638691	773.121654	719.299203	1705.07834	1605.802573	1705.392515	Cbx7
ENSMUSG00000034947	0.232819868	-2.102713919	2.12E-22	7.18E-21	642.867963	891.005515	915.584651	195.1367434	218.3202067	156.2946736	Tmem106a
ENSMUSG00000023993	29.1406926	4.864963262	2.13E-22	7.18E-21	10.7592964	6.87655855	16.1500685	269.9707372	519.9468082	180.0356367	Treml1
ENSMUSG00000041378	0.40790949	-1.293679023	2.15E-22	7.24E-21	2623.47512	2948.07889	3299.58322	1141.455222	1289.8128	1186.058947	Cldn5
ENSMUSG00000029838	0.181600385	-2.461160837	2.40E-22	8.07E-21	939.645223	589.419305	1090.75078	147.7734561	169.4854237	158.2730872	Ptn
ENSMUSG00000012428	0.2919387	-1.776262623	2.53E-22	8.46E-21	4589.73654	3032.56232	4005.21698	1026.836067	1237.147838	1130.663367	Steap4
ENSMUSG00000026586	0.416763647	-1.262698653	2.71E-22	9.04E-21	9235.95939	7632.97999	9363.31277	3447.100044	3529.510009	3955.837974	Prrx1
ENSMUSG00000054196	0.061860884	-4.014828748	2.81E-22	9.37E-21	912.746982	533.424471	1771.53828	82.41211977	67.98567842	48.47113296	Cthrc1
ENSMUSG00000031885	0.421945519	-1.244871361	3.23E-22	1.07E-20	1482.98969	1745.66351	1561.58739	628.9844543	668.366247	724.099374	Cbfb
ENSMUSG00000050288	2.193536821	1.133258924	3.80E-22	1.26E-20	968.33668	932.264867	1029.87744	2331.220997	1997.438383	2096.129199	Fzd2
ENSMUSG00000024737	0.103227202	-3.276104896	4.13E-22	1.37E-20	234.911306	462.694154	365.24001	45.46875573	36.38670112	27.69779026	Slc15a3
ENSMUSG00000028373	5.212608396	2.38200548	5.20E-22	1.72E-20	112.972613	60.9066615	84.4772812	459.4238861	433.7677792	457.0135394	Astn2
ENSMUSG00000090272	0.18891865	-2.404162964	5.53E-22	1.82E-20	1484.78291	2482.43764	2423.75258	432.9004452	464.4092117	309.6217269	Mndal
ENSMUSG00000096929	3.999069973	1.999664524	7.19E-22	2.37E-20	255.533291	191.561274	154.046807	797.5977568	775.6112608	840.8257759	A330023F24Rik
ENSMUSG00000098098	3.235169513	1.693841307	7.45E-22	2.45E-20	1306.35791	1128.73797	918.069277	4052.402855	3671.226635	3132.81792	Bvht
ENSMUSG00000028005	3.972712322	1.990124327	9.20E-22	3.02E-20	1281.25288	918.51175	750.357027	4051.455589	3578.344792	4101.251373	Gucy1b1
ENSMUSG00000015766	0.305151121	-1.712404204	1.53E-21	5.00E-20	652.730651	670.955642	627.368044	179.9804914	241.3012811	174.1003959	Eps8

ENSMUSG00000021196	2.44343567	1.288911122	1.57E-21	5.11E-20	1978.81394	1625.81492	1580.22208	3951.04542	4201.706435	4522.653467	Pfkp
ENSMUSG00000020577	0.471914851	-1.083401521	1.66E-21	5.39E-20	1164.69384	1229.92162	1135.47404	583.5156986	556.3335093	526.258015	Tspan13
ENSMUSG00000026222	0.349453389	-1.516828058	2.28E-21	7.38E-20	1582.51319	2193.62218	1795.14223	676.3477415	651.1304412	619.2434538	Sp100
ENSMUSG00000074766	0.304398185	-1.71596834	2.52E-21	8.16E-20	640.178138	575.666187	637.306548	151.5625191	203.9570353	208.7226338	Ism1
ENSMUSG00000043259	3.599264222	1.847702014	2.66E-21	8.60E-20	444.717586	358.56341	294.428171	1239.97086	1210.336585	1509.529569	Fam13c
ENSMUSG00000000392	0.247374733	-2.015229944	3.07E-21	9.87E-20	1439.0559	871.358205	1197.58969	274.7070659	309.2869596	283.9023502	Fap
ENSMUSG00000014956	4.336319672	2.116471116	3.64E-21	1.17E-19	5934.6486	6531.74826	6337.0384	18252.86363	34176.6878	29107.40995	Ppp1cb
ENSMUSG00000022419	0.326367302	-1.615431572	3.66E-21	1.17E-19	2769.62223	3174.02295	3504.56486	1107.353655	1141.393362	833.9013283	Deptor
ENSMUSG00000021675	20.66379881	4.369033597	4.43E-21	1.42E-19	17.0355527	13.7531171	18.6346944	244.3945621	569.739136	203.7765998	F2rl2
ENSMUSG00000026335	2.8106463	1.490901912	4.88E-21	1.56E-19	10328.028	7728.26945	7407.91218	25176.42896	22505.17465	23897.25776	Pam
ENSMUSG00000026854	2.132300092	1.092410492	5.15E-21	1.64E-19	507.480149	518.688988	566.494709	1165.136866	1081.068041	1145.501469	Usp20
ENSMUSG00000079557	5.870030778	2.553368068	5.63E-21	1.79E-19	1371.8103	1722.08673	2053.54332	6673.48717	13867.16331	9667.518009	2-Mar
ENSMUSG00000059187	11.70075138	3.548529272	6.49E-21	2.06E-19	16.1389447	9.82365508	24.8462592	234.9219046	190.5514085	158.2730872	Fam19a1
ENSMUSG00000027763	2.086713325	1.061232415	6.52E-21	2.07E-19	10212.3655	10285.3669	9798.12231	18933.9477	23272.168	21014.70916	Mbnl1
ENSMUSG00000039997	0.219181318	-2.189803262	6.78E-21	2.14E-19	1772.59409	2857.70126	2698.30375	545.6250688	634.8521802	425.3589219	Ifi203
ENSMUSG00000025610	2.158392671	1.109957355	7.12E-21	2.25E-19	1424.71017	1551.15514	1639.85311	3141.133209	3194.369341	3622.475284	Map3k7cl
ENSMUSG00000041390	0.375976832	-1.411284329	7.63E-21	2.40E-19	1337.73919	1545.26094	1798.86916	573.0957754	601.3381133	584.6212159	Mdfic
ENSMUSG00000027208	0.340899028	-1.552583608	7.82E-21	2.46E-19	1176.34974	918.51175	931.734719	329.6484791	379.1877275	323.470622	Fgf7
ENSMUSG00000038168	4.488905452	2.16636371	9.00E-21	2.83E-19	287.81118	209.243853	156.531433	1057.148571	917.3278863	970.411866	P3h2
ENSMUSG00000090841	2.53360723	1.341192889	9.08E-21	2.84E-19	20216.718	23887.1997	27826.568	57941.40379	62255.73054	62037.11495	Myl6
ENSMUSG00000001128	0.244831636	-2.030138108	9.12E-21	2.85E-19	937.852007	1336.01709	1362.81732	323.9648846	329.3953997	236.420424	Cfp
ENSMUSG00000064267	0.130699097	-2.93567892	9.26E-21	2.89E-19	233.11809	470.553078	366.482323	48.31055297	45.96214879	45.50351258	Hvcn1
ENSMUSG00000029658	14.17603777	3.825382448	9.73E-21	3.03E-19	12.5525125	33.4004273	24.8462592	220.7129185	330.3529444	447.1214714	Wdr95
ENSMUSG00000015354	2.115294313	1.080858407	1.03E-20	3.20E-19	1433.67625	1248.58656	1436.11378	2955.469123	2712.724323	3041.810895	Pcolce2
ENSMUSG00000081534	2.660317731	1.411598562	1.05E-20	3.25E-19	2193.99987	2258.4583	2431.20646	5475.196003	7287.873217	5546.4825	Slc48a1
ENSMUSG00000031343	2.828225556	1.499897182	1.14E-20	3.53E-19	1066.06696	768.209827	1032.36207	2855.058954	2539.408721	2711.415825	Gabra3
ENSMUSG00000052560	0.425473655	-1.23285829	1.18E-20	3.65E-19	685.905148	666.043814	726.753081	291.7578493	313.1171386	278.9563162	Cpne8
ENSMUSG00000045555	5.388885998	2.429987067	1.20E-20	3.70E-19	68.1422108	52.0653719	40.9963277	336.2793393	268.1125346	272.0318687	Mettl24
ENSMUSG00000047945	0.157644935	-2.665249279	1.37E-20	4.22E-19	805.154017	1280.02226	1576.49515	169.5605683	246.089005	161.2407076	Marcksl1
ENSMUSG00000057967	0.191750668	-2.382696491	1.49E-20	4.59E-19	207.116457	180.755253	204.981638	39.78516127	43.08951449	30.66541065	Fgf18
ENSMUSG00000026177	0.442767803	-1.175377779	1.50E-20	4.62E-19	837.431907	910.652826	790.111042	374.1699691	373.4424589	376.8877889	Slc11a1
ENSMUSG00000038305	2.357239444	1.237098312	1.59E-20	4.87E-19	470.719219	465.641251	431.082597	1090.302872	971.9079379	1164.296398	Spats2l
ENSMUSG00000074918	3.052156888	1.609829122	1.61E-20	4.93E-19	599.830777	581.56038	793.837981	1860.429922	2265.550917	1894.331013	Inafm2
ENSMUSG00000078716	2.59251809	1.374354056	1.71E-20	5.22E-19	226.841833	204.332026	231.07021	614.7754682	550.5882407	549.9989781	Tmem8b
ENSMUSG00000052384	0.234909202	-2.089824864	1.88E-20	5.72E-19	632.108666	898.864439	826.138118	230.1855759	158.9524312	164.208328	Nrros
ENSMUSG00000027326	17.56043941	4.13425704	1.96E-20	5.97E-19	56.4863063	58.9419305	45.9655795	339.1211365	1129.902824	1370.051411	Knl1
ENSMUSG00000017309	0.366888511	-1.446586368	1.97E-20	5.98E-19	869.709796	794.733696	767.749409	305.0195697	331.3104892	256.2045599	Cd300lg
ENSMUSG00000062209	10.36074048	3.373055211	2.09E-20	6.32E-19	9.86268841	14.7354826	16.1500685	157.2461136	118.735551	140.4673649	Erbb4
ENSMUSG00000027669	2.265953637	1.180118343	2.16E-20	6.52E-19	1521.54384	1220.09796	1251.00915	3037.881242	2954.983149	3059.616617	Gnb4
ENSMUSG00000027318	2.557361868	1.354656317	2.22E-20	6.68E-19	1067.86017	967.630025	1293.24779	2782.119491	2698.361152	3024.99438	Adam33
ENSMUSG00000052727	2.614862695	1.386735193	2.27E-20	6.83E-19	5376.9584	5201.62536	7088.63775	15735.03128	15622.34286	14830.18827	Map1b
ENSMUSG00000036585	2.413956347	1.271399587	2.70E-20	8.09E-19	1385.25942	1238.76291	1135.47404	2754.648785	2969.346321	3357.367863	Fgf1
ENSMUSG00000041219	0.247847719	-2.012474112	2.90E-20	8.68E-19	264.499371	331.057176	255.91647	71.99219658	67.98567842	71.22288925	Arhgap11a
ENSMUSG00000027314	0.273394263	-1.870945126	3.89E-20	1.16E-18	642.867963	541.283395	452.201917	132.6172042	152.2496179	163.2191212	Dll4
ENSMUSG00000030921	0.226912156	-2.139794194	3.89E-20	1.16E-18	907.367334	1574.73191	1422.44834	284.1797233	328.4378549	273.0210755	Trim30a
ENSMUSG00000042834	0.298412298	-1.744621102	4.08E-20	1.22E-18	3275.30916	4035.55751	5251.25688	1275.966958	1297.473159	1174.188466	Nrep
ENSMUSG00000028381	0.355607304	-1.491643139	4.20E-20	1.25E-18	1635.41306	1886.14177	2177.77462	677.2950073	747.8424626	600.4485246	Ugcg
ENSMUSG00000030223	0.133079709	-2.909637482	4.29E-20	1.27E-18	199.046984	308.462769	229.827897	36.94336403	38.30179066	22.75175629	Ptpro
ENSMUSG00000090394	2.379833278	1.250860508	4.28E-20	1.27E-18	1274.97663	1180.80334	1530.52957	3014.199599	3300.65681	3164.472538	4930523C07Rik
ENSMUSG00000048572	2.013992781	1.010058512	4.36E-20	1.29E-18	1017.65012	1196.52119	1103.17391	2216.601842	2187.989791	2275.175629	Tmem252
ENSMUSG00000019254	2.193552156	1.13326901	4.40E-20	1.30E-18	3361.38353	3801.75451	4196.53318	7901.143575	8795.04868	8214.373227	Ppp1r12c
ENSMUSG00000036594	0.13527185	-2.886066446	4.52E-20	1.33E-18	7517.16178	15788.5784	10506.2407	2086.826435	1046.59643	1440.285094	H2-Aa
ENSMUSG00000051323	0.201833775	-2.308760478	5.35E-20	1.57E-18	690.388189	724.003379	1173.98575	186.6113517	183.8485952	151.3486397	Pcdh19
ENSMUSG00000031409	259.7218555	8.020823611	5.72E-20	1.68E-18	0	0.98236551	2.48462592	215.029324	263.3248108	322.4814152	Tceal6
ENSMUSG00000069662	0.162807927	-2.618757148	6.03E-20	1.77E-18	5282.81455	7470.88969	12286.4752	1177.45132	1510.048097	1388.84634	Marcks
ENSMUSG00000004035	5.659492079	2.500672582	6.71E-20	1.96E-18	32.2778893	36.3475238	57.1463961	230.1855759	241.3012811	230.4851833	Gstm7
ENSMUSG00000054555	0.103220547	-3.276197914	7.16E-20	2.09E-18	969.233288	513.77716	841.045873	94.72657445	102.45729	42.53589219	Adam12
ENSMUSG00000001348	0.292271672	-1.77461809	8.40E-20	2.45E-18	1824.59736	1222.06269	1739.23814	474.580138	507.4987262	416.4560608	Acp5
ENSMUSG00000022014	0.127126889	-2.975658885	9.60E-20	2.79E-18	289.604396	664.079083	541.64845	61.57227339	65.11304412	63.30923489	Epsti1
ENSMUSG00000041482	0.272872049	-1.873703472	1.00E-19	2.91E-18	795.291329	596.295863	746.630088	194.1894776	229.8107439	159.262294	Piezo2
ENSMUSG00000078139	63.51031168	5.988918945	1.02E-19	2.95E-18	1.79321607	5.89419305	1.24231296	106.0937634	272.9002584	200.8089794	AK157302
ENSMUSG00000026043	0.273248524	-1.87171439	1.05E-19	3.02E-18	238328.279	138522.378	178440.864	45410.97252	52800.93351	53521.03365	Col3a1
ENSMUSG00000071714	0.299057466	-1.741505359	1.20E-19	3.46E-18	657.213691	601.207691	581.402465	157.2461136	225.9805649	167.1759484	Csf2rb2
ENSMUSG00000052632	3.213434727	1.684116168	1.20E-19	3.47E-18	822.18957	662.114352	555.313893	2173.027618	1930.410249	2459.168093	Asap2
ENSMUSG00000089417	23.42907252	4.550227938	1.21E-19	3.47E-18	10.7592964	9.82365508	24.8462592	259.550814	211.6173934	572.7507344	Gm22009
ENSMUSG00000014361	2.068000923	1.048236829	1.21E-19	3.49E-18	1406.77801	1516.77234	1591.4029	2898.633178	3374.387757	3059.616617	Mertk
ENSMUSG00000000938	0.44729068	-1.160715398	1.28E-19	3.67E-18	717.28643	669.973276	691.968318	296.494178	306.4143253	327.4274492	Hoxa10
ENSMUSG00000025477	2.353695548	1.234927719	1.31E-19	3.76E-18	2015.57487	2253.54647	2662.27667	5199.541671	5493.434325	5612.759356	Inpp5a
ENSMUSG00000037887	2.83642668	1.504074572	1.64E-19	4.67E-18	515.549621	547.177588	643.518113	1415.215022	1547.392343	1871.579256	Dusp8
ENSMUSG00000054404	0.263952901	-1.921647571	1.64E-19	4.67E-18	6324.67309	9154.66416	11087.6432	2114.297142	2516.427646	2381.020756	Slfn5
ENSMUSG00000049866	0.253179432	-1.981767886	1.83E-19	5.22E-18	568.449495	814.381006	911.857712	207.451198	179.0608713	193.8845318	Arl4c
ENSMUSG00000055541	0.096699988	-3.37034048	2.05E-19	5.84E-18	300.363692	588.436939	534.194572	39.78516127	67.98567842	29.67620385	Lair1
ENSMUSG00000079017	0.271877909	-1.878969162	2.25E-19	6.39E-18	3679.67938	3044.35071	5130.75252	1030.62513	1179.695152	1011.958551	Ifi27l2a
ENSMUSG00000034911	0.416933834	-1.262109645	2.27E-19	6.44E-18	1789.62964	1674.93319	1498.22943	613.8282024	704.7529481	751.7971643	Ushbp1
ENSMUSG00000032089	0.162426923	-2.622137312	2.28E-19	6.46E-18	567.552887	1078.63733	971.488734	176.1914285	137.8864464	110.7911611	Il10ra
ENSMUSG00000037010	0.144808264	-2.78778416	2.30E-19	6.50E-18	160.492839	177.808157	234.797149	32.20703531	28.72634299	21.76254949	Apln
ENSMUSG00000029470	0.406178386	-1.299814622	2.41E-19	6.79E-18	1273.18341	1426.39472	1658.4878	569.3067124	608.9984715	590.5564567	P2rx4
ENSMUSG00000040204	0.143606283	-2.799809227	2.72E-19	7.67E-18	191.87412	305.515673	323.001369	33.15430106	47.87723832	36.60065142	Pclaf
ENSMUSG00000028631	2.577254915	1.36583524	2.74E-19	7.69E-18	505.686933	416.522975	422.386406	1121.562641	1061.917146	1285.968834	Kcnq4
ENSMUSG00000019960	0.330473606	-1.597393044	3.16E-19	8.87E-18	1335.04937	1338.96419	1652.27624	514.3652992	526.6496215	387.7690637	Dusp6
ENSMUSG00000029762	0.379863712	-1.396446196	3.27E-19	9.16E-18	550.517335	491.182754	544.133076	181.8750229	202.9994905	217.6254949	Akr1b8
ENSMUSG00000040740	24.15944406	4.594515351	3.51E-19	9.81E-18	15.2423366	18.6649446	8.69619071	162.929708	297.7964224	579.6751819	Slc25a34
ENSMUSG00000019122	0.115861803	-3.109523075	3.60E-19	1.00E-17	1026.6162	2489.3142	2268.46346	225.4492472	288.2209747	156.2946736	Ccl9
ENSMUSG00000035566	0.146348465	-2.772520481	4.22E-19	1.17E-17	175.735175	167.002136	250.947218	31.25976957	31.59897729	23.74096308	Pcdh17

ENSMUSG00000039131	5.304036618	2.407090736	4.22E-19	1.17E-17	26.8982411	29.4709652	32.3001369	156.2988478	150.3345283	161.2407076	Gipc2
ENSMUSG00000033209	2.394037103	1.259445511	4.56E-19	1.26E-17	2023.64434	1806.57017	2448.59884	5032.8229	4930.398002	5060.781964	Ttc28
ENSMUSG00000040811	2.492400118	1.31753569	4.72E-19	1.31E-17	598.934169	620.855001	490.713619	1334.697434	1377.906919	1557.011496	Eml2
ENSMUSG00000034926	3.773374828	1.915855417	5.24E-19	1.45E-17	200.8402	221.032239	213.677829	1004.101689	770.823537	622.2110741	Dhcr24
ENSMUSG00000054618	14.094798	3.817090897	5.30E-19	1.46E-17	13.4491206	8.84128957	8.69619071	147.7734561	105.3299243	188.9384979	Gm9951
ENSMUSG00000024593	0.104021986	-3.265039609	5.39E-19	1.48E-17	157.803015	128.689881	140.381364	8.5253917	19.15089533	16.81651552	Megf10
ENSMUSG00000029408	2.87032429	1.521213742	5.54E-19	1.52E-17	191.87412	158.160847	207.466264	494.4727186	551.5457855	550.9881849	Abcb9
ENSMUSG00000098424	4.704063428	2.233907513	5.62E-19	1.54E-17	49.313442	37.3298893	59.631022	242.5000306	220.2352963	220.5931153	Gm27202
ENSMUSG00000036052	3.056497816	1.611879536	5.63E-19	1.54E-17	802.464193	1239.74527	964.034856	2912.842164	3010.520746	3264.382424	Dnajb5
ENSMUSG00000037613	0.249072473	-2.005362509	5.70E-19	1.56E-17	270.775627	265.238687	331.69756	71.99219658	82.34884991	61.3308213	Tnfrsf23
ENSMUSG00000019942	0.151732211	-2.720400708	5.73E-19	1.56E-17	186.494472	252.467935	247.220279	30.31250382	46.91969356	26.70858347	Cdk1
ENSMUSG00000056091	6.067245477	2.601041683	5.83E-19	1.59E-17	234.911306	328.11008	249.704905	976.6309825	2018.504368	1936.866905	St3gal5
ENSMUSG00000076431	0.19581669	-2.352424358	5.93E-19	1.61E-17	769.289696	800.627889	1360.33269	180.9277572	221.192841	171.1327756	Sox4
ENSMUSG00000010660	2.19399775	1.133562046	6.66E-19	1.80E-17	941.438439	791.786599	782.657164	1901.162349	1882.533011	1741.003959	Plcd1
ENSMUSG00000001506	0.257920695	-1.955000559	6.84E-19	1.85E-17	118375.573	90885.5097	163292.1	28180.20863	35172.53436	32735.82047	Col1a1
ENSMUSG00000029322	0.167613042	-2.576793689	6.92E-19	1.87E-17	624.935802	1356.64677	1130.50479	155.3515821	174.2731475	191.9061183	Plac8
ENSMUSG00000040483	0.273587118	-1.869927795	7.26E-19	1.96E-17	617.762938	836.975412	757.810905	179.9804914	248.0040945	177.0680163	Xaf1
ENSMUSG00000047963	3.385941321	1.759556971	7.45E-19	2.01E-17	489.547988	761.333268	588.856343	2246.914346	2191.81997	1789.475092	Stbd1
ENSMUSG00000071984	0.302728986	-1.723901274	7.63E-19	2.05E-17	4730.504	3169.11113	4156.77916	1140.507956	1077.237862	1432.371439	Fndc1
ENSMUSG00000043857	11.05538329	3.466677139	7.69E-19	2.07E-17	8.96608037	11.7883861	12.4231296	100.4101689	122.5657301	140.4673649	Mgat5b
ENSMUSG00000024521	0.10923903	-3.194439685	8.74E-19	2.34E-17	175.735175	216.120412	282.005042	14.20898617	28.72634299	30.66541065	Pmaip1
ENSMUSG00000024206	3.20112041	1.678576945	9.33E-19	2.50E-17	258.223115	230.855894	300.639736	952.9493389	696.1350452	874.4588069	Rfx2
ENSMUSG00000074039	3.877292886	1.955049719	9.47E-19	2.53E-17	123.731909	92.3423577	80.7503423	420.5859905	358.1217426	378.8662025	4930520O04Rik
ENSMUSG00000023972	0.194545223	-2.361822539	9.50E-19	2.53E-17	333.53819	262.291591	355.301506	54.94141318	80.43376038	49.46033976	Ptk7
ENSMUSG00000050675	16.66760318	4.058974753	1.05E-18	2.80E-17	36.7609295	35.3651583	14.9077555	529.5215512	702.8378586	232.4635969	Gp1ba
ENSMUSG00000047344	8.448044032	3.078617354	1.08E-18	2.88E-17	78.9015073	39.2946203	31.057824	348.593794	443.3432269	481.7437092	Lancl3
ENSMUSG00000003644	0.25002252	-1.999870048	1.10E-18	2.93E-17	365.816079	456.799961	424.871032	130.7226727	94.79693188	86.06099118	Rps6ka1
ENSMUSG00000028121	2.526067934	1.336893438	1.21E-18	3.22E-17	575.62236	467.605982	505.621374	1262.705237	1189.2706	1463.03685	Bcar3
ENSMUSG00000027995	0.295140956	-1.760523962	1.37E-18	3.62E-17	500.307285	622.819732	508.106	192.2949461	141.7166254	147.3918125	Tlr2
ENSMUSG00000098557	0.432641152	-1.208757197	1.41E-18	3.73E-17	1893.63617	1928.38349	2251.07108	875.2735479	958.5023112	792.3546429	Kctd12
ENSMUSG00000059325	0.278465449	-1.844429759	1.65E-18	4.35E-17	312.916205	301.586211	344.12069	91.88477721	102.45729	72.21209604	Hopx
ENSMUSG00000032122	0.219833843	-2.185514588	1.65E-18	4.36E-17	320.089069	381.157817	366.482323	101.3574347	74.68849178	58.36320091	Slc37a2
ENSMUSG00000021190	0.354503538	-1.496128068	1.78E-18	4.68E-17	4258.88818	5778.27392	6197.89935	1839.590076	2078.829688	1835.967812	Lgmn
ENSMUSG00000024451	0.452040824	-1.145475026	1.78E-18	4.68E-17	1803.07876	1654.30351	1437.35609	736.0254834	741.1396492	736.9590624	Arap3
ENSMUSG00000025780	0.448440233	-1.157012374	1.82E-18	4.77E-17	2348.21645	1877.30048	2188.95543	916.9532406	951.7994978	1008.001724	Itih5
ENSMUSG00000039316	0.36578586	-1.450928787	1.83E-18	4.79E-17	656.317083	758.386172	831.10737	251.972688	264.2823555	304.6756929	Rftn1
ENSMUSG00000034855	0.051795523	-4.271028796	1.86E-18	4.87E-17	206.219849	698.461876	665.879746	15.15625191	31.59897729	34.62223783	Cxcl10
ENSMUSG00000033544	0.127619406	-2.970080366	1.91E-18	4.97E-17	1442.64233	577.630918	1228.64752	170.507834	129.2685435	114.7479882	Angptl1
ENSMUSG00000059022	0.136628679	-2.871667752	1.91E-18	4.98E-17	131.801381	145.390095	160.258372	20.83984638	24.89616393	13.84889513	Kcp
ENSMUSG00000004951	3.141577735	1.651489278	2.14E-18	5.58E-17	2217.31168	3404.87885	3079.69383	9051.124188	10188.27631	8093.689998	Hspb1
ENSMUSG00000024397	0.063102235	-3.986165081	2.16E-18	5.60E-17	330.848366	891.005515	868.376758	30.31250382	71.81585748	29.67620385	Aif1
ENSMUSG00000026749	0.425072777	-1.234218228	2.17E-18	5.63E-17	622.245978	668.008545	734.206959	280.3906604	279.6030718	299.7296589	Nek6
ENSMUSG00000054728	4.03709762	2.013318473	2.19E-18	5.66E-17	300.363692	366.422334	544.133076	1765.703348	1488.024567	1623.288351	Phactr1
ENSMUSG00000090231	0.21307534	-2.23056446	2.27E-18	5.86E-17	416.922737	681.761662	715.572265	137.3535329	135.0138121	113.7587814	Cfb
ENSMUSG00000061100	0.253986777	-1.977174703	2.33E-18	6.01E-17	1129.72613	1966.69575	1467.1716	431.9531795	361.9519217	365.0173074	Retnla
ENSMUSG00000042286	0.458710964	-1.124342704	2.46E-18	6.35E-17	6821.39395	5763.53843	5341.94572	2743.281596	2650.483914	2831.109848	Stab1
ENSMUSG00000040714	6.33088227	2.662406567	2.49E-18	6.41E-17	43.0371858	21.6120412	38.5117017	195.1367434	224.0654753	233.4528037	Klc3
ENSMUSG00000040345	0.162905021	-2.617897026	2.50E-18	6.41E-17	278.8451	486.270926	327.970621	73.88672807	52.66496215	51.43875335	Arhgap9
ENSMUSG00000046442	2.489517734	1.315866292	2.51E-18	6.43E-17	406.163441	350.704486	308.093614	858.2227645	885.728909	914.0270787	Ppm1e
ENSMUSG00000007867	2.141307743	1.098492151	2.55E-18	6.53E-17	395.404144	432.240823	433.567223	876.2208136	861.7902898	960.5197981	Ift43
ENSMUSG00000040829	0.221824949	-2.172506458	2.58E-18	6.61E-17	312.916205	392.946203	249.704905	69.15039935	67.98567842	75.17971643	Zmynd15
ENSMUSG00000066705	0.317534735	-1.655013678	2.60E-18	6.64E-17	2129.44409	2337.04754	3176.59424	712.3438398	854.1299317	859.620705	Fxyd6
ENSMUSG00000030054	104.7709997	6.711095628	2.65E-18	6.75E-17	5.37964822	11.7883861	17.3923814	561.7285865	2228.206672	791.3654361	Gp9
ENSMUSG00000031827	0.181668237	-2.460621896	2.75E-18	6.99E-17	1174.55653	2159.23939	2234.92101	412.0605988	338.0133026	261.1505939	Cotl1
ENSMUSG00000037902	0.219465113	-2.187936471	2.76E-18	7.03E-17	2605.54296	4287.04308	5095.96776	952.0020732	934.563692	743.8835099	Sirpa
ENSMUSG00000042759	0.196887214	-2.344558669	2.84E-18	7.21E-17	266.292587	293.727287	211.193203	62.51953913	48.83478309	40.5574786	Apobr
ENSMUSG00000079419	0.177179135	-2.496719373	2.85E-18	7.23E-17	311.122989	466.623616	275.793477	73.88672807	57.45268599	55.39558053	Ms4a6c
ENSMUSG00000031340	4.360231057	2.124404588	2.90E-18	7.35E-17	234.014698	153.249019	155.28912	823.1739319	922.1156101	626.1679013	Gabre
ENSMUSG00000037921	0.204751271	-2.288055688	2.93E-18	7.40E-17	319.192461	449.923402	326.728308	67.25586786	94.79693188	62.32002809	Ddx60
ENSMUSG00000048234	0.378464668	-1.401769474	2.98E-18	7.53E-17	624.935802	794.733696	663.39512	266.1816742	273.8578032	248.2909056	Rnf149
ENSMUSG00000032875	2.88001318	1.526075414	3.05E-18	7.69E-17	2554.4363	2006.97273	1687.061	6493.506678	5697.39136	5813.568335	Arhgef17
ENSMUSG00000001750	0.39539176	-1.338645288	3.23E-18	8.14E-17	2220.0015	3034.52705	2861.04675	1039.150522	1118.412287	1050.537616	Tcirg1
ENSMUSG00000021904	0.438376877	-1.189756394	3.25E-18	8.15E-17	1964.46821	2073.77359	1764.0844	754.0235326	860.832745	929.8543874	Sema3g
ENSMUSG00000041362	0.293430252	-1.76891048	3.25E-18	8.15E-17	416.026129	519.671354	407.478651	118.4082181	153.2071626	122.6616426	Shtn1
ENSMUSG00000056004	6.49019223	2.698261209	3.27E-18	8.19E-17	17.9321607	19.6473102	21.1193203	122.197281	129.2685435	127.6076766	9330182L06Rik
ENSMUSG00000039037	0.165159637	-2.598066944	3.83E-18	9.58E-17	181.114823	158.160847	239.766401	30.31250382	36.38670112	28.68699706	St6galnac5
ENSMUSG00000079243	3.896634632	1.962228664	3.98E-18	9.94E-17	652.730651	973.524218	819.926553	2417.42218	3189.581617	3923.194149	Xirp1
ENSMUSG00000037946	0.167810432	-2.575095691	4.25E-18	1.06E-16	268.085803	361.510507	350.332254	75.78125956	49.79232786	38.57906501	Fgd3
ENSMUSG00000019590	2.063497272	1.045091531	4.37E-18	1.09E-16	860.743716	797.680792	889.496079	1681.396696	1914.131988	1659.889002	Cyb561
ENSMUSG00000051439	0.183030921	-2.449840699	4.62E-18	1.15E-16	485.961556	841.88724	595.067907	128.8281412	137.8864464	85.07178438	Cd14
ENSMUSG00000030159	20.13522881	4.331649961	4.66E-18	1.16E-16	49.313442	30.4533307	50.9348313	348.593794	1625.911013	653.8656916	Clec1b
ENSMUSG00000020121	0.161874209	-2.627054956	4.69E-18	1.16E-16	276.155275	219.067508	316.789805	29.36523808	55.53759645	46.49271937	Srgap1
ENSMUSG00000024818	0.299073044	-1.741430213	5.11E-18	1.27E-16	333.53819	377.228355	351.574567	124.0918125	105.3299243	88.03940477	Slc25a45
ENSMUSG00000026457	5.5852344	2.481617829	5.14E-18	1.27E-16	2281.86745	3214.29994	2858.56212	9567.384019	22125.98692	14967.68802	Adipor1
ENSMUSG00000001763	17.11660137	4.097324367	5.21E-18	1.29E-16	17.9321607	74.6597786	28.5731981	458.4766203	938.3938711	679.5850683	Tspan33
ENSMUSG00000020838	13.40299443	3.744483452	5.57E-18	1.37E-16	29.5880652	19.6473102	26.0885721	341.015668	500.7959128	168.1651552	Slc6a4
ENSMUSG00000020057	0.313097279	-1.675317124	5.61E-18	1.38E-16	1323.39346	1473.54826	1858.50019	448.0566971	577.3994942	431.2941627	Dram1
ENSMUSG00000027322	0.165217676	-2.597560053	6.02E-18	1.48E-16	319.192461	452.870499	242.251027	62.51953913	47.87723832	57.37399412	Siglec1
ENSMUSG00000031722	0.169503688	-2.560611434	6.24E-18	1.53E-16	10926.0655	5360.76857	10980.8042	1288.281412	2007.01383	1326.526312	Hp
ENSMUSG00000029671	7.935018798	2.988233641	6.37E-18	1.56E-16	43.9337938	38.3122548	98.1427238	431.0059137	463.451667	521.311981	Wnt16
ENSMUSG00000031274	3.652900115	1.869042305	6.42E-18	1.57E-16	2210.13881	1250.55129	1452.26385	6194.170703	5743.353509	6015.366521	Col4a5
ENSMUSG00000035274	0.216628296	-2.206706394	6.41E-18	1.57E-16	190.080904	199.420198	243.49334	42.6269585	53.62250692	40.5574786	Tpbg
ENSMUSG00000054717	0.367276095	-1.445063098	6.46E-18	1.57E-16	633.901882	854.657992	757.810905	275.6543316	266.1974451	282.9131434	Hmgb2
ENSMUSG00000030774	0.208479854	-2.26202012	6.61E-18	1.61E-16	428.578642	663.096718	505.621374	108.9355606	138.8439911	85.07178438	Pak1

ENSMUSG00000000957	0.167999736	-2.573469132	7.19E-18	1.75E-16	7131.62033	8212.57564	15502.8234	1357.431812	2057.763703	1766.723336	Mmp14
ENSMUSG00000058135	2.00377439	1.002720081	7.96E-18	1.93E-16	4225.71368	3628.85818	4325.73372	8457.188567	7607.693169	8339.013283	Gstm1
ENSMUSG00000043832	0.130130144	-2.941972906	7.97E-18	1.93E-16	403.473617	516.724257	326.728308	55.88867892	75.64603655	30.66541065	Clec4a3
ENSMUSG00000032006	3.275900821	1.71189168	8.04E-18	1.95E-16	924.402886	813.39864	559.040832	2487.519845	2371.838386	2674.815174	Pdgfd
ENSMUSG00000005397	0.382834017	-1.385209067	8.26E-18	2.00E-16	10463.4158	7462.0484	7883.71804	3073.877341	3442.373435	3365.281517	Nid1
ENSMUSG00000047139	10.18373709	3.348195174	8.78E-18	2.12E-16	639.28153	1238.76291	730.48002	4239.014206	13555.00371	8772.285859	Cd24a
ENSMUSG00000019832	0.401699831	-1.315810239	9.71E-18	2.34E-16	487.754772	546.195222	552.829267	208.3984638	198.2117667	230.4851833	Rab32
ENSMUSG00000022096	2.173689071	1.120145589	9.77E-18	2.35E-16	1013.16708	970.577121	990.123428	1869.90258	2267.466007	2327.603589	Hr
ENSMUSG00000041481	0.095906982	-3.382220339	1.08E-17	2.59E-16	257.326507	654.255428	367.724636	43.57422425	28.72634299	50.44954655	Serpina3g
ENSMUSG00000031497	0.36051986	-1.471849359	1.08E-17	2.59E-16	449.200627	477.429637	549.102328	163.8769738	195.3391324	172.1219824	Tnfsf13b
ENSMUSG00000013033	2.105204357	1.073960286	1.10E-17	2.64E-16	2144.68642	1810.49963	2302.00591	4386.787663	4299.376001	4482.095989	Adgrl1
ENSMUSG00000031673	0.190972574	-2.38856263	1.15E-17	2.75E-16	2682.65125	1374.32935	1612.52222	288.9160521	362.9094665	431.2941627	Cdh11
ENSMUSG00000024290	2.437043025	1.285131721	1.17E-17	2.79E-16	4031.14973	4433.41554	5636.3739	11352.03268	11667.68298	11335.32067	Rock1
ENSMUSG00000026463	2.235864247	1.160832596	1.22E-17	2.92E-16	4605.87549	3729.05947	3503.32254	8694.952268	8701.209293	9079.929173	Atp2b4
ENSMUSG00000029563	3.046668514	1.607232539	1.25E-17	2.98E-16	479.6853	438.135016	670.848998	1610.351766	1524.411268	1696.489654	Foxp2
ENSMUSG00000028599	0.271478649	-1.881089357	1.26E-17	3.00E-16	1245.38856	1826.21748	1416.23677	483.1055297	418.4470629	316.5461744	Tnfrsf1b
ENSMUSG00000015647	2.15305169	1.106382956	1.28E-17	3.05E-16	4448.96908	3817.47236	3438.72227	8090.596723	8414.903408	8704.03059	Lama5
ENSMUSG00000001493	0.290053387	-1.785609628	1.31E-17	3.10E-16	362.229647	360.528141	493.198245	112.7246236	121.6081853	117.7156086	Meox1
ENSMUSG00000040447	0.45061622	-1.150028852	1.31E-17	3.10E-16	1153.03794	1251.53366	1156.59337	483.1055297	597.5079343	524.2796014	Spns2
ENSMUSG00000097767	0.179842466	-2.475194375	1.39E-17	3.29E-16	179.321607	138.513537	186.346944	29.36523808	34.47161159	26.70858347	Miat
ENSMUSG00000074971	7.073859078	2.822497479	1.40E-17	3.31E-16	582.795224	339.898466	995.09268	4949.463515	4578.021528	4025.082449	Fibin
ENSMUSG00000048371	2.96157986	1.566366989	1.44E-17	3.38E-16	365.816079	247.556108	337.909125	1000.312626	917.3278863	899.1889768	Pdp2
ENSMUSG00000015947	0.053660718	-4.219989842	1.51E-17	3.54E-16	346.98731	774.10402	757.810905	25.5761751	61.28286505	13.84889513	Fcgr1
ENSMUSG00000034881	2.424297557	1.277566785	1.60E-17	3.75E-16	260.912939	315.339328	334.182186	742.6563437	715.2859405	743.8835099	Tbxa2r
ENSMUSG00000040268	2.008735943	1.006287928	1.75E-17	4.10E-16	1549.33869	1478.46009	1395.11745	2730.967141	3252.779572	2904.311151	Plekha1
ENSMUSG00000032224	3.012260337	1.590846461	1.75E-17	4.11E-16	213.392713	214.155681	252.189531	717.0801686	560.1636884	766.6352662	Fam81a
ENSMUSG00000032380	3.219415768	1.686798904	1.96E-17	4.57E-16	138.974246	189.596543	168.954562	465.1074805	532.3948901	602.4269382	Dapk2
ENSMUSG00000018819	0.370062347	-1.434159742	2.12E-17	4.95E-16	3538.91192	3565.00443	4425.11876	1652.031458	1412.378531	1200.897049	Lsp1
ENSMUSG00000091345	0.136912115	-2.868677984	2.15E-17	5.00E-16	834.742083	354.633948	469.594299	80.51758828	80.43376038	66.27685527	Col6a5
ENSMUSG00000033192	0.248634828	-2.007899695	2.25E-17	5.23E-16	314.709421	437.152651	290.701232	86.20118275	85.22148421	88.03940477	Lpcat2
ENSMUSG00000024300	0.13498575	-2.889120979	2.31E-17	5.36E-16	556.793591	922.441212	609.975663	136.4062672	89.05166328	56.38478732	Myo1f
ENSMUSG00000032690	0.096099765	-3.37932329	2.31E-17	5.36E-16	426.785426	944.053253	719.299203	58.73047616	103.4148348	38.57906501	Oas2
ENSMUSG00000041577	2.542998715	1.346530733	2.40E-17	5.55E-16	5302.53993	3715.30635	4129.44828	11729.04445	10592.36021	11116.70596	Prelp
ENSMUSG00000035472	30.7292607	4.941541153	2.48E-17	5.73E-16	8.06947233	5.89419305	7.45387776	81.46485402	293.0086985	283.9023502	Slc25a21
ENSMUSG00000057614	2.22240024	1.15211866	2.50E-17	5.78E-16	1049.0314	837.957778	1013.72737	2263.965129	2178.414344	2003.14376	Gnai1
ENSMUSG00000032243	0.181248934	-2.463955582	2.54E-17	5.85E-16	1189.79887	645.414138	602.521785	137.3535329	143.631715	161.2407076	Itga11
ENSMUSG00000035279	0.236825378	-2.078104408	2.83E-17	6.52E-16	1281.25288	857.605088	1566.55664	268.0762057	338.0133026	271.0426619	Ssc5d
ENSMUSG00000015134	0.272041031	-1.878103828	2.85E-17	6.56E-16	556.793591	377.228355	503.136748	146.8261904	129.2685435	114.7479882	Aldh1a3
ENSMUSG00000015340	0.098340608	-3.346068918	2.94E-17	6.75E-16	1431.88304	3549.28658	2618.79572	376.0645006	234.5984678	136.5105377	Cybb
ENSMUSG00000039943	2.764082759	1.466800812	3.21E-17	7.35E-16	2676.37499	2060.02047	1776.50753	6429.092608	5868.791874	5712.669242	Plcb4
ENSMUSG00000036353	14.53060184	3.861022554	3.26E-17	7.46E-16	105.799748	129.672247	98.1427238	680.1368045	3009.563201	1160.339571	P2ry12
ENSMUSG00000022053	0.400581509	-1.319832268	3.36E-17	7.68E-16	923.506278	731.862303	764.02247	317.3340244	308.3294148	344.2439647	Ebf2
ENSMUSG00000021701	0.357445799	-1.4842036	3.38E-17	7.70E-16	1233.73266	1368.43515	1376.48276	406.3770044	582.187218	433.2725763	Plk2
ENSMUSG00000079547	0.190111215	-2.39508445	3.41E-17	7.77E-16	597.140953	1251.53366	941.673223	153.4570506	176.188237	200.8089794	H2-DMb1
ENSMUSG00000039242	2.264411526	1.179136172	3.47E-17	7.90E-16	1104.6211	1225.99215	941.673223	2387.109676	2379.498745	2649.095797	B3galnt2
ENSMUSG00000030761	0.294868439	-1.761856682	3.54E-17	8.02E-16	1343.11884	923.423577	873.34601	331.5430106	286.3058852	308.6325201	Myo7a
ENSMUSG00000022901	0.137772179	-2.859643509	3.57E-17	8.07E-16	180.218215	307.480404	301.882049	42.6269585	41.17442496	24.73016988	Cd86
ENSMUSG00000048546	2.762696613	1.466077141	3.60E-17	8.13E-16	1264.21733	1215.18613	1141.68561	2722.44175	3210.647602	4073.553582	Tob2
ENSMUSG00000003452	3.139126111	1.650362989	3.66E-17	8.26E-16	205.32324	146.372461	160.258372	546.5723346	583.1447628	480.7545024	Bicd1
ENSMUSG00000066361	0.232545818	-2.104413103	3.67E-17	8.27E-16	477.892084	317.304059	445.990352	77.67579105	111.0751929	99.90988631	Serpina3c
ENSMUSG00000036144	0.399261406	-1.32459447	3.98E-17	8.95E-16	1774.38731	1387.1001	1373.99813	588.2520273	568.7815913	654.8548984	Meox2
ENSMUSG00000026821	0.411380604	-1.281454321	4.78E-17	1.07E-15	949.507911	907.705729	920.553903	399.7461442	423.2347868	319.5137948	Ralgds
ENSMUSG00000002325	0.423991651	-1.237892239	4.87E-17	1.09E-15	1030.20263	1306.54613	1298.21704	495.4199844	528.5647111	516.3659471	Irf9
ENSMUSG00000028989	6.646181016	2.732525587	4.98E-17	1.12E-15	97.730276	55.9948339	57.1463961	555.0977263	536.2250692	316.5461744	Angptl7
ENSMUSG00000038366	0.439018241	-1.187647212	5.00E-17	1.12E-15	2739.13755	3142.58726	3680.9733	1395.322442	1411.420986	1389.835547	Lasp1
ENSMUSG00000027435	0.475324149	-1.073016396	5.03E-17	1.12E-15	4284.88981	3406.84358	3625.06921	1866.113517	1759.967281	1753.863648	Cd93
ENSMUSG00000018339	0.299168725	-1.740968728	5.11E-17	1.14E-15	6522.82347	8037.71458	9567.0521	2002.519784	2993.28494	2221.758462	Gpx3
ENSMUSG00000039058	0.213236308	-2.229474989	5.24E-17	1.17E-15	219.668969	164.05504	190.073883	37.89062978	46.91969356	37.58985821	Ak5
ENSMUSG00000013707	0.208185377	-2.264059361	6.13E-17	1.36E-15	224.152009	312.392231	352.81688	71.04493083	62.24040982	51.43875335	Tnfaip8l2
ENSMUSG00000040420	29.32422923	4.874021283	7.07E-17	1.57E-15	2.68982411	2.94709652	3.72693888	79.57032253	92.88184235	97.93147272	Cdh18
ENSMUSG00000036295	10.49692606	3.391895003	7.69E-17	1.70E-15	43.9337938	27.5062342	40.9963277	278.4961289	632.9370906	268.0750415	Lrrn3
ENSMUSG00000033777	0.157715617	-2.66460257	7.83E-17	1.73E-15	270.775627	393.928569	327.970621	70.09766509	54.58005169	31.65461744	Tlr13
ENSMUSG00000057880	2.745372625	1.457001977	8.52E-17	1.88E-15	446.510802	322.215886	344.12069	1075.14662	925.9457892	1058.451271	Abat
ENSMUSG00000033032	0.453822856	-1.139798824	8.59E-17	1.90E-15	862.536932	843.851971	768.991722	355.2246542	411.7442496	357.103653	Afap1l1
ENSMUSG00000071713	0.251421602	-1.991819483	8.70E-17	1.92E-15	806.050625	1225.99215	1140.4433	281.3379261	315.0322282	200.8089794	Csf2rb
ENSMUSG00000046470	0.430837338	-1.214784812	9.10E-17	2.00E-15	1262.42412	1572.76718	1560.34508	620.4590626	680.8143289	591.5456635	Sox18
ENSMUSG00000031950	3.869533866	1.952159786	1.06E-16	2.33E-15	762.116831	873.322936	836.076622	2229.863562	4253.413853	3079.400753	Gabarapl2
ENSMUSG00000028469	2.247504779	1.168324183	1.12E-16	2.46E-15	1369.12047	1104.17883	1034.8467	2600.244469	2634.205652	2657.009452	Npr2
ENSMUSG00000028358	0.143417574	-2.801706274	1.13E-16	2.47E-15	119.248869	116.901495	147.835242	15.15625191	22.98107439	16.81651552	Zfp618
ENSMUSG00000030087	3.167829803	1.663494826	1.16E-16	2.54E-15	522.722486	376.245989	392.570895	1120.615376	1564.628148	1410.60889	Klf15
ENSMUSG00000027514	0.088211594	-3.502887904	1.23E-16	2.68E-15	269.879019	937.176694	705.633761	49.25781871	68.94322318	50.44954655	Zbp1
ENSMUSG00000109143	9.841840537	3.298928141	1.25E-16	2.73E-15	10.7592964	10.8060206	7.45387776	91.88477721	95.75447664	101.8882999	Gm10046
ENSMUSG00000042817	0.092239817	-3.438466535	1.27E-16	2.78E-15	82.4879394	96.2718197	93.1734719	9.472657445	7.660358132	7.913654361	Flt3
ENSMUSG00000030789	0.053332221	-4.228848786	1.33E-16	2.90E-15	612.383289	1059.97238	531.709947	62.51953913	45.00460402	9.892067951	Itgax
ENSMUSG00000023169	3.006781388	1.588219979	1.40E-16	3.04E-15	196.35716	246.573742	200.012386	709.5020426	535.2675244	689.4771362	Slc38a1
ENSMUSG00000053310	8.131124892	3.023454954	1.49E-16	3.22E-15	173.941959	197.455467	342.878377	1306.279462	3015.30847	1474.907332	Nrgn
ENSMUSG00000097183	2.188539742	1.129968582	1.50E-16	3.25E-15	277.948491	246.573742	270.824225	568.3594467	601.3381133	570.7723208	Gm17501
ENSMUSG00000038893	3.159231332	1.659573581	1.51E-16	3.27E-15	442.027762	359.545776	336.666812	1192.607572	1437.274694	970.411866	Fam117a
ENSMUSG00000004677	2.173561047	1.120060616	1.53E-16	3.30E-15	3346.14119	2839.03632	2806.38497	6101.33866	7320.429739	6126.157682	Myo9b
ENSMUSG00000030786	0.093294907	-3.422057866	1.63E-16	3.52E-15	447.40741	1175.89151	946.642475	108.9355606	88.09411851	42.53589219	Itgam
ENSMUSG00000056476	10.23999162	3.35614263	1.72E-16	3.70E-15	78.9015073	57.9595649	55.9040832	398.7988784	1119.369832	459.9811597	Med12l
ENSMUSG00000028124	3.139961759	1.650746989	1.74E-16	3.75E-15	636.591706	661.131987	592.583282	1710.761934	2559.517161	1666.81345	Gclm
ENSMUSG00000024098	2.191062892	1.131630896	1.85E-16	3.99E-15	4039.21921	3176.97005	3156.71723	7972.188505	7317.557105	7443.781133	Twsg1
ENSMUSG00000062380	0.187394509	-2.415849419	1.97E-16	4.23E-15	120.145477	142.442999	139.139051	23.68164361	27.76879823	23.74096308	Tubb3

ENSMUSG00000110071	5.128978452	2.35867151	2.10E-16	4.50E-15	27.7948491	31.4356962	22.3616333	141.1425959	135.0138121	145.4133989	Gm45512
ENSMUSG00000028238	0.06636209	-3.913496876	2.16E-16	4.61E-15	283.32814	252.467935	203.739325	7.578125956	31.59897729	9.892067951	Atp6v0d2
ENSMUSG00000028832	0.211008006	-2.244630355	2.34E-16	5.00E-15	448.304019	702.391338	822.411179	112.7246236	161.8250655	141.4565717	Stmn1
ENSMUSG00000056529	0.144988839	-2.78598625	2.43E-16	5.19E-15	400.783793	659.167256	541.64845	106.0937634	82.34884991	43.52509899	Ptafr
ENSMUSG00000045136	0.217332977	-2.202020995	2.45E-16	5.23E-15	378.368592	413.575879	665.879746	99.46290317	112.9902824	103.8667135	Tubb2b
ENSMUSG00000031480	0.348481013	-1.520848044	2.50E-16	5.33E-15	486.858164	441.082113	376.420827	161.0351766	136.9289016	157.2838804	Thsd1
ENSMUSG00000059089	0.068505432	-3.867637811	2.96E-16	6.28E-15	193.667336	484.306195	489.471306	17.0507834	44.04705926	18.79492911	Fcgr4
ENSMUSG00000092741	3.650050051	1.867916247	2.98E-16	6.32E-15	132.697989	130.654613	89.4465331	362.8027801	460.5790327	470.8624345	Mir3074-1
ENSMUSG00000064325	5.025923448	2.329388697	3.09E-16	6.55E-15	166.769095	162.090309	83.2349683	563.623118	782.3140742	734.9806488	Hhip
ENSMUSG00000034041	0.396193497	-1.335722894	3.17E-16	6.71E-15	478.788692	590.40167	554.07158	218.818387	225.9805649	197.841359	Lyl1
ENSMUSG00000027692	2.840392766	1.506090438	3.52E-16	7.42E-15	260.912939	302.568576	200.012386	746.4454066	721.0312091	707.2828585	Tnik
ENSMUSG00000028463	4.714801955	2.237197172	3.58E-16	7.54E-15	42.1405777	37.3298893	26.0885721	165.7715053	168.5278789	169.154362	Car9
ENSMUSG00000024781	0.430276453	-1.216664204	3.77E-16	7.93E-15	2347.31984	2229.9697	2079.63189	1120.615376	898.1769909	845.7718098	Lipa
ENSMUSG00000036777	2.496250846	1.319762917	4.06E-16	8.55E-15	396.300752	383.122548	318.032118	808.01768	927.8608787	1008.990931	Anln
ENSMUSG00000020922	6.369963934	2.671285204	4.18E-16	8.77E-15	555.896983	668.008545	755.326279	2426.894837	6563.011829	3613.572423	Lsm12
ENSMUSG00000021242	0.437017149	-1.194238202	4.24E-16	8.89E-15	5920.30287	7078.92585	8153.29995	3031.250382	3232.671132	2978.50166	Npc2
ENSMUSG00000026475	0.143524695	-2.800629107	4.25E-16	8.89E-15	356.849999	358.56341	524.256069	56.83594467	86.17902898	34.62223783	Rgs16
ENSMUSG00000038112	0.137112249	-2.866570637	4.25E-16	8.89E-15	273.465451	171.913964	298.15511	42.6269585	37.34424589	21.76254949	AW551984
ENSMUSG00000002111	0.162163692	-2.624477259	4.26E-16	8.91E-15	545.137687	985.312604	868.376758	184.7168202	112.9902824	91.00702515	Spi1
ENSMUSG00000075602	0.337299679	-1.567897148	4.37E-16	9.12E-15	5921.19948	9806.95486	8266.35043	2605.928063	2754.856293	2732.189168	Ly6a
ENSMUSG00000025888	0.301806045	-1.728306392	4.40E-16	9.17E-15	376.575376	485.288561	337.909125	128.8281412	115.8629167	117.7156086	Casp1
ENSMUSG00000030607	0.228675637	-2.128625425	4.62E-16	9.62E-15	1595.0657	1583.5732	1252.25146	359.0137172	438.555503	215.6470813	Acan
ENSMUSG00000004266	0.163688344	-2.610976499	4.90E-16	1.02E-14	663.489947	1109.09066	829.865057	197.9785406	141.7166254	86.06099118	Ptpn6
ENSMUSG00000048330	3.244445083	1.697971747	4.96E-16	1.03E-14	127.318341	105.113109	89.4465331	383.6426265	320.7774968	345.2331715	Ric3
ENSMUSG00000027559	0.320018011	-1.64377499	5.02E-16	1.04E-14	39571.7957	27029.7869	34554.935	11144.58148	12720.98222	8506.189231	Car3
ENSMUSG00000039349	0.460317126	-1.119299975	5.12E-16	1.06E-14	1673.0706	1781.02867	2150.44373	862.9590932	869.4506479	845.7718098	C130074G19Rik
ENSMUSG00000024302	2.94557451	1.558549047	5.16E-16	1.07E-14	731.632158	956.824004	641.033487	2461.94367	2455.144781	1948.737386	Dtna
ENSMUSG00000029468	0.359219854	-1.477061007	5.17E-16	1.07E-14	703.837309	612.996077	500.652123	221.6601842	213.5324829	218.6147017	P2rx7
ENSMUSG00000019647	0.442353104	-1.176729648	5.23E-16	1.08E-14	712.803389	606.119518	685.756753	274.7070659	303.541691	308.6325201	Sema6a
ENSMUSG00000024053	0.325765919	-1.618092417	5.25E-16	1.08E-14	1009.58065	1149.36764	1115.59704	453.7402916	321.7350415	290.8267978	Emilin2
ENSMUSG00000034957	0.400876515	-1.318770192	5.39E-16	1.11E-14	3045.7775	2326.24152	3077.2092	1140.507956	1240.020473	1006.023311	Cebpa
ENSMUSG00000021313	3.605208544	1.850082715	5.47E-16	1.12E-14	692.181405	534.406836	381.390078	2189.131135	1773.372907	1843.881466	Ryr2
ENSMUSG00000023015	0.27742765	-1.849816512	5.52E-16	1.13E-14	263.602763	291.762556	284.489668	61.57227339	76.60358132	94.96385233	Racgap1
ENSMUSG00000038179	0.080540384	-3.634143843	5.55E-16	1.14E-14	223.255401	416.522975	193.800822	35.04883255	19.15089533	12.85968834	Slamf7
ENSMUSG00000039706	0.468558817	-1.093697939	5.58E-16	1.14E-14	893.918213	865.464012	911.857712	378.9062978	407.9140705	464.9271937	Ldb2
ENSMUSG00000027834	3.661759361	1.872536985	5.70E-16	1.16E-14	454.580275	353.651583	260.885721	1500.468939	1309.92124	1112.857645	Serpini1
ENSMUSG00000035969	2.117325608	1.082243148	5.85E-16	1.19E-14	1619.27411	1404.78268	1319.33636	3093.769921	3309.274713	2798.466023	Rusc2
ENSMUSG00000057596	0.227950389	-2.133208223	6.05E-16	1.23E-14	407.060049	689.620586	614.944915	126.9336098	156.0797969	106.8343339	Trim30d
ENSMUSG00000029661	0.300798472	-1.733130856	6.14E-16	1.25E-14	162261.846	130071.087	232720.002	49242.66246	55987.64249	52703.94884	Col1a2
ENSMUSG00000086389	8.808264836	3.138857847	6.42E-16	1.31E-14	18.8287688	12.7707516	7.45387776	123.1445468	119.6930958	109.8019543	Gm15998
ENSMUSG00000023947	0.271322633	-1.881918698	6.95E-16	1.41E-14	261.809547	365.439969	329.212934	98.51563742	73.73094702	87.05019797	Nfkbie
ENSMUSG00000041740	2.873381761	1.522749684	7.01E-16	1.42E-14	3242.13466	3951.07407	3502.08023	10609.37634	12291.04462	7830.56099	Rnf10
ENSMUSG00000060572	0.210997566	-2.244701737	7.08E-16	1.43E-14	1188.90226	900.82917	1893.28495	253.8672195	315.0322282	271.0426619	Mfap2
ENSMUSG00000015968	2.90759436	1.539826012	7.33E-16	1.48E-14	91.4540198	108.060206	93.1734719	269.9707372	301.6266014	279.945523	Cacna1d
ENSMUSG00000060477	2.061482656	1.043682323	8.10E-16	1.64E-14	653.627259	784.910041	767.749409	1512.783394	1429.614336	1602.515008	Irak2
ENSMUSG00000025877	0.128486506	-2.960311241	8.46E-16	1.71E-14	210.702889	379.193086	239.766401	46.41602148	38.30179066	21.76254949	Hk3
ENSMUSG00000089929	0.051898119	-4.26817395	8.50E-16	1.71E-14	100.4201	289.797825	222.37402	7.578125956	17.2358058	6.924447566	Bcl2a1b
ENSMUSG00000069792	0.184161428	-2.440957173	8.52E-16	1.72E-14	247.463818	409.646417	452.201917	71.99219658	78.51867085	53.41716694	Wfdc17
ENSMUSG00000037725	0.193772124	-2.367567055	8.83E-16	1.78E-14	132.697989	147.354826	152.804494	28.41797233	33.51406683	21.76254949	Ckap2
ENSMUSG00000032484	0.016863757	-5.889930187	8.85E-16	1.78E-14	262.706155	781.962944	94.4157849	5.683594467	10.53299243	2.967620385	Ngp
ENSMUSG00000026980	3.121441574	1.642212462	9.00E-16	1.81E-14	106.696356	121.813323	106.838914	406.3770044	334.1831235	306.6541065	Ly75
ENSMUSG00000026888	2.678751577	1.421560794	9.34E-16	1.87E-14	285.121356	280.956535	323.001369	713.2911056	721.9887539	943.7032826	Grb14
ENSMUSG00000026825	0.334530858	-1.5797888	9.69E-16	1.94E-14	1760.04158	1123.82614	1385.17895	462.2656833	518.0317186	448.1106782	Dnm1
ENSMUSG00000020102	2.423427961	1.277049197	1.05E-15	2.10E-14	519.136053	389.999107	442.263413	1185.029446	1015.954997	1076.256993	Slc16a7
ENSMUSG00000008398	0.440753799	-1.181955089	1.08E-15	2.16E-14	2435.18743	2673.99891	3256.10227	1192.607572	1190.228145	1302.785349	Elk3
ENSMUSG00000003153	3.956405617	1.984190341	1.11E-15	2.21E-14	178.424999	142.442999	151.562181	646.9825035	775.6112608	448.1106782	Slc2a3
ENSMUSG00000024164	0.232870885	-2.10239782	1.21E-15	2.42E-14	20372.7278	17761.1684	13393.376	5640.020243	3150.322282	3208.986843	C3
ENSMUSG00000020312	0.378092864	-1.403187476	1.24E-15	2.47E-14	763.910048	640.502311	849.742064	262.3926112	270.9851689	318.524588	Shc2
ENSMUSG00000034116	0.11133852	-3.166975281	1.27E-15	2.51E-14	324.572109	657.202525	534.194572	80.51758828	59.36777552	28.68699706	Vav1
ENSMUSG00000046714	2.422443379	1.276462945	1.27E-15	2.51E-14	404.370225	407.681686	539.163824	1050.517711	1094.473668	1120.771299	Foxc2
ENSMUSG00000024990	3.430457896	1.77840116	1.32E-15	2.62E-14	732.528766	481.359099	870.861384	2596.455406	2303.852708	2245.499425	Rbp4
ENSMUSG00000030214	0.213000778	-2.231069393	1.37E-15	2.71E-14	640.178138	1099.267	648.487365	195.1367434	182.8910504	130.575297	Plbd1
ENSMUSG00000031838	0.380702308	-1.393264778	1.42E-15	2.81E-14	1283.0461	1878.28285	1728.05733	620.4590626	632.9370906	607.3729722	Ifi30
ENSMUSG00000021281	0.241724839	-2.04856237	1.44E-15	2.84E-14	802.464193	1373.34698	1219.95133	284.1797233	325.5652206	210.7010474	Tnfaip2
ENSMUSG00000033849	0.320668765	-1.640844259	1.65E-15	3.25E-14	581.898616	454.83523	582.644778	166.718771	205.8721248	146.4026057	B3galt2
ENSMUSG00000026304	15.80745782	3.982533464	1.66E-15	3.26E-14	6.27625626	5.89419305	6.2115648	128.8281412	78.51867085	83.09337079	Rab17
ENSMUSG00000022367	0.174111268	-2.521918522	1.70E-15	3.34E-14	153.319974	111.007302	134.1698	21.78711212	25.85370869	21.76254949	Has2
ENSMUSG00000040296	0.462988364	-1.110952159	1.71E-15	3.34E-14	1085.79233	1297.70484	1087.02384	560.7813207	550.5882407	495.5926044	Ddx58
ENSMUSG00000021732	0.148717911	-2.74934968	1.73E-15	3.38E-14	106.696356	106.095475	125.473609	13.26172042	16.27826103	20.7733427	Fgf10
ENSMUSG00000034028	48.20624708	5.591148213	1.76E-15	3.44E-14	44.8304019	35.3651583	26.0885721	573.0957754	3079.463969	1482.820986	Cd226
ENSMUSG00000022831	0.255835684	-1.966710592	1.83E-15	3.58E-14	745.081279	1215.18613	1111.8701	302.1777725	281.5181613	201.7981862	Hcls1
ENSMUSG00000079334	2.371000398	1.245495905	1.87E-15	3.65E-14	417.819345	461.711789	575.1909	1149.033348	1155.756533	1136.598608	Nat6
ENSMUSG00000036578	4.235406358	2.082500393	1.90E-15	3.70E-14	36.7609295	34.3827928	49.6925184	174.296897	166.6127894	166.1867416	Fxyd7
ENSMUSG00000031805	0.391829068	-1.351703665	1.92E-15	3.74E-14	954.887559	785.892406	693.210631	308.8086327	329.3953997	316.5461744	Jak3
ENSMUSG00000035296	8.047044604	3.008459029	1.93E-15	3.74E-14	190.977512	503.953505	161.500685	2452.471012	2268.423552	2177.244156	Sgcg
ENSMUSG00000021950	0.125388134	-2.99552727	1.93E-15	3.75E-14	274.362059	159.143212	178.893066	33.15430106	27.76879823	15.82730872	Anxa8
ENSMUSG00000033538	0.451805942	-1.146224851	1.98E-15	3.83E-14	619.556154	736.774131	727.995394	307.861367	328.4378549	304.6756929	Casp4
ENSMUSG00000015355	0.257918552	-1.955012543	2.04E-15	3.94E-14	282.431532	362.492872	254.674157	90.93751147	66.07058888	75.17971643	Cd48
ENSMUSG00000037447	2.566730693	1.359931933	2.16E-15	4.16E-14	810.533666	742.668324	895.707644	1706.972872	2156.390814	2419.599821	Arid5a
ENSMUSG00000002897	0.334385362	-1.5804164	2.28E-15	4.38E-14	624.935802	864.481647	849.742064	290.8105835	268.1125346	222.5715289	Il17ra
ENSMUSG00000021886	0.145744114	-2.778490477	2.46E-15	4.74E-14	173.045351	318.286424	341.636064	51.1523502	37.34424589	32.64382424	Gpr65
ENSMUSG00000075184	124.2097674	6.956634816	2.52E-15	4.83E-14	0.89660804	2.94709652	0	80.51758828	246.089005	176.0788095	F930017D23Rik
ENSMUSG00000065701	246.4629836	7.945227173	2.87E-15	5.50E-14	0.89660804	1.96473102	0	114.6191551	463.451667	169.154362	Rny1
ENSMUSG00000030495	0.218308707	-2.195558422	2.89E-15	5.53E-14	606.107033	359.545776	450.959604	86.20118275	131.183633	91.99623195	Slc7a10

ENSMUSG00000079018	0.429133942	-1.220500081	2.89E-15	5.53E-14	3141.71456	4001.17471	2975.33954	1335.6447	1527.283902	1479.853366	Ly6c1
ENSMUSG00000074923	12.2850795	3.618835288	3.16E-15	6.04E-14	8.06947233	5.89419305	9.93850367	113.6718893	73.73094702	102.8775067	Pak6
ENSMUSG00000068122	0.02876607	-5.119488032	3.17E-15	6.05E-14	208.909673	86.4481647	137.896738	5.683594467	6.702813365	0	Agtr2
ENSMUSG00000022679	3.06534845	1.61605108	3.51E-15	6.69E-14	93.2472359	120.830957	139.139051	369.4336403	357.1641979	350.1792055	Mpv17l
ENSMUSG00000040990	0.426442345	-1.229577393	3.57E-15	6.80E-14	995.234921	847.781433	1077.08534	430.058648	441.4281373	372.9309618	Sh3kbp1
ENSMUSG00000029084	0.26553184	-1.91304323	4.14E-15	7.84E-14	346.98731	488.235657	551.586954	141.1425959	120.6506406	105.8451271	Cd38
ENSMUSG00000020607	21.16761834	4.40378705	4.25E-15	8.02E-14	2.68982411	20.6296757	4.96925184	197.0312748	179.0608713	226.5283561	Fam84a
ENSMUSG00000039232	4.781142298	2.257355344	4.46E-15	8.41E-14	108.489572	150.301923	124.231296	461.3184176	856.0450212	513.3983267	Stx11
ENSMUSG00000032744	2.429974177	1.280940983	4.49E-15	8.45E-14	1604.92839	1324.2287	1841.10781	4040.0884	3411.732003	4134.884404	Heyl
ENSMUSG00000109866	0.284916695	-1.811387935	4.52E-15	8.50E-14	213.392713	195.490736	193.800822	55.88867892	49.79232786	66.27685527	Gm45714
ENSMUSG00000070390	0.071245516	-3.811056969	4.58E-15	8.60E-14	80.6947233	120.830957	95.6580979	11.36718893	4.787723832	4.946033976	Nlrp1b
ENSMUSG00000021613	13.14820626	3.716794089	4.59E-15	8.61E-14	14.3457286	6.87655855	3.72693888	122.197281	123.5232749	93.97464554	Hapln1
ENSMUSG00000074577	0.213809217	-2.225604051	4.62E-15	8.66E-14	151.526758	135.56644	150.319868	27.47070659	38.30179066	27.69779026	Ripor3
ENSMUSG00000083457	1193.20092	10.22062128	4.74E-15	8.88E-14	0	0	0	84.30665126	367.6971903	226.5283561	Cyp4b1-ps2
ENSMUSG00000035064	2.027426164	1.019649375	4.89E-15	9.15E-14	1819.21771	1723.0691	1610.0376	3498.252394	3867.523312	3083.35758	Eef2k
ENSMUSG00000061780	0.268435642	-1.897351856	4.99E-15	9.32E-14	35971.0178	25374.5011	41976.5126	7483.399381	12011.44155	8240.092603	Cfd
ENSMUSG00000026348	69.71729731	6.123444737	5.77E-15	1.08E-13	1.79321607	0.98236551	3.72693888	74.83399381	243.2163707	115.737195	Acmsd
ENSMUSG00000039257	5.846013007	2.547453039	6.42E-15	1.19E-13	30.4846733	33.4004273	27.3308851	171.4550997	134.0562673	229.4959765	Vstm2b
ENSMUSG00000029561	0.184822345	-2.435788907	6.50E-15	1.21E-13	949.507911	2048.23208	1780.23447	235.8691704	386.8480856	260.1613871	Oasl2
ENSMUSG00000029417	0.072363873	-3.788586566	6.74E-15	1.25E-13	249.257034	1067.83131	731.722333	40.73242701	70.85831272	36.60065142	Cxcl9
ENSMUSG00000001053	0.356155863	-1.489419356	8.18E-15	1.51E-13	285.121356	328.11008	355.301506	105.1464976	121.6081853	117.7156086	N4bp3
ENSMUSG00000026683	0.151192715	-2.725539464	8.31E-15	1.53E-13	102.213316	109.042571	140.381364	20.83984638	14.3631715	17.80572231	Nuf2
ENSMUSG00000020520	0.463208293	-1.110267011	8.61E-15	1.58E-13	1048.1348	859.569819	956.580979	434.7949767	414.6168839	477.786882	Galnt10
ENSMUSG00000047686	0.124504527	-3.005729891	9.58E-15	1.76E-13	103.109924	88.4128957	86.9619071	9.472657445	14.3631715	10.88127475	Rtl3
ENSMUSG00000037936	0.457501808	-1.128150649	1.07E-14	1.97E-13	1088.48216	949.947446	937.946284	449.0039629	503.6685471	409.5316132	Scarb1
ENSMUSG00000026928	0.140875494	-2.82750743	1.08E-14	1.98E-13	124.628517	215.138046	228.585584	34.1015668	22.02352963	23.74096308	Card9
ENSMUSG00000039994	0.307433207	-1.701655092	1.09E-14	2.00E-13	282.431532	377.228355	387.601643	95.67384019	106.2874691	119.6940222	Timeless
ENSMUSG00000029657	2.28247864	1.190601359	1.11E-14	2.02E-13	1320.70364	1666.0919	1698.24182	3127.871488	3782.301827	3778.769957	Hsph1
ENSMUSG00000086712	0.047587659	-4.393268704	1.12E-14	2.04E-13	76.2116831	70.7303165	75.7810905	5.683594467	1.915089533	2.967620385	Al427809
ENSMUSG00000033355	0.168836529	-2.566301023	1.12E-14	2.05E-13	431.268466	934.229598	752.841653	94.72657445	159.909976	102.8775067	Rtp4
ENSMUSG00000040151	0.493535031	-1.018775604	1.16E-14	2.12E-13	1104.6211	947.000349	1053.48139	478.369201	547.7156064	506.4738791	Hs2st1
ENSMUSG00000030748	0.353863711	-1.498734274	1.19E-14	2.16E-13	1264.21733	1826.21748	1898.2542	649.8243007	543.8854273	570.7723208	Il4ra
ENSMUSG00000049001	0.237700204	-2.072784951	1.19E-14	2.16E-13	909.16055	582.542746	534.194572	179.0332257	177.1457818	125.629263	Ndnf
ENSMUSG00000058818	0.129663813	-2.947152188	1.21E-14	2.20E-13	745.081279	1308.51086	952.85404	187.5586174	141.7166254	60.3416145	Pirb
ENSMUSG00000027833	0.384322629	-1.379610171	1.28E-14	2.32E-13	916.333414	916.547019	1243.55527	359.0137172	409.82916	412.4992336	Shox2
ENSMUSG00000024013	0.15223006	-2.715674828	1.36E-14	2.46E-13	360.436431	559.948339	409.963277	105.1464976	51.70741739	45.50351258	Fgd2
ENSMUSG00000022272	0.465332938	-1.103664786	1.37E-14	2.48E-13	1252.56143	1128.73797	976.457986	506.7871733	517.0741739	540.1069101	Myo10
ENSMUSG00000085442	13.82428562	3.789133025	1.38E-14	2.49E-13	6.27625626	12.7707516	17.3923814	121.2500153	124.4808196	248.2909056	Gm3362
ENSMUSG00000024640	0.31114403	-1.684345528	1.42E-14	2.56E-13	442.92437	328.11008	490.713619	132.6172042	138.8439911	120.683229	Psat1
ENSMUSG00000024691	0.357863231	-1.482519773	1.50E-14	2.70E-13	585.485048	651.308332	723.026142	284.1797233	209.7023039	206.7442202	Fam111a
ENSMUSG00000032076	0.328710247	-1.605111664	1.50E-14	2.70E-13	325.468717	383.122548	386.35933	103.2519661	144.5892597	111.7803678	Cadm1
ENSMUSG00000026536	0.106546717	-3.230441953	1.50E-14	2.70E-13	389.127888	768.209827	750.357027	40.73242701	113.9478272	48.47113296	Mnda
ENSMUSG00000031934	0.250847281	-1.995118792	1.53E-14	2.74E-13	277.051883	406.69932	447.232665	88.09571424	111.0751929	84.08257759	Panx1
ENSMUSG00000069516	0.249729592	-2.001561308	1.63E-14	2.93E-13	17317.0876	27439.4334	21113.1087	5163.545573	7390.330507	3895.496359	Lyz2
ENSMUSG00000042812	6.820407455	2.769857929	1.69E-14	3.02E-13	23.311809	33.4004273	62.115648	307.861367	235.5560125	255.2153531	Foxf1
ENSMUSG00000001131	0.155544116	-2.684604273	1.72E-14	3.08E-13	1227.4564	1693.59814	2981.5511	244.3945621	427.0649658	246.312492	Timp1
ENSMUSG00000030849	3.042204843	1.605117298	1.73E-14	3.09E-13	511.963189	414.558244	424.871032	1093.144669	1290.770345	1730.122685	Fgfr2
ENSMUSG00000022421	2.517907097	1.332225053	1.83E-14	3.26E-13	378.368592	275.062342	388.843956	875.2735479	847.4271183	899.1889768	Nptxr
ENSMUSG00000026482	0.4126962	-1.276847942	1.84E-14	3.28E-13	1196.97173	1081.58442	1280.82466	556.9922577	405.0414362	506.4738791	Rgl1
ENSMUSG00000024578	17.74502823	4.149342964	1.89E-14	3.36E-13	6.27625626	0.98236551	9.93850367	89.99024572	110.1176481	94.96385233	Il17b
ENSMUSG00000020423	2.390617194	1.257383132	2.02E-14	3.59E-13	2760.65615	2685.7873	3718.24269	6686.74889	7877.720794	7336.946799	Btg2
ENSMUSG00000022661	2.133725581	1.093374643	2.06E-14	3.65E-13	3419.66305	3284.04789	2775.32715	6143.018353	6453.851726	7634.698045	Cd200
ENSMUSG00000036246	0.423688186	-1.238925194	2.21E-14	3.91E-13	674.249244	738.738862	621.15648	327.7539476	261.4097212	273.0210755	Gmip
ENSMUSG00000052353	0.03633956	-4.78231523	2.31E-14	4.07E-13	97.730276	83.5010681	244.735653	2.841797233	7.660358132	4.946033976	Cemip
ENSMUSG00000031639	0.426876077	-1.228110782	2.31E-14	4.07E-13	441.131154	499.041678	432.32491	211.240261	180.9759609	193.8845318	Tlr3
ENSMUSG00000022488	0.190410039	-2.39281855	2.32E-14	4.09E-13	1047.23819	1379.24117	969.004108	326.8066818	177.1457818	142.4457785	Nckap1l
ENSMUSG00000060216	0.327624749	-1.609883753	2.37E-14	4.17E-13	992.545097	1458.81278	1523.07569	468.8965435	463.451667	368.9741346	Arrb2
ENSMUSG00000034898	2.734733322	1.451400155	2.38E-14	4.18E-13	875.089444	687.655855	560.283145	1768.545145	1936.155518	2108.988887	Filip1
ENSMUSG00000020646	8.779610639	3.13415696	2.44E-14	4.29E-13	74.4184671	54.0301029	49.6925184	233.0273731	688.4746871	646.941244	Mboat2
ENSMUSG00000031075	2.88926998	1.530705019	2.47E-14	4.33E-13	932.472359	653.273063	580.160152	2217.549108	1917.004622	2130.751437	Ano1
ENSMUSG00000038668	0.316788677	-1.658407323	2.48E-14	4.35E-13	1471.33379	1497.12503	2392.69476	547.5196003	586.0173971	563.8478732	Lpar1
ENSMUSG00000028557	3.10937437	1.636624328	2.54E-14	4.45E-13	2054.12901	2404.83076	2336.79068	4931.465466	8632.266069	7565.453569	Rnf11
ENSMUSG00000046814	33.72428251	5.075715845	2.60E-14	4.54E-13	7.1728643	1.96473102	8.69619071	78.62305679	342.8010264	172.1219824	Gchfr
ENSMUSG00000023216	951.4887429	9.894042778	2.60E-14	4.54E-13	0	1.96473102	0	336.2793393	1148.096175	447.1214714	Epb42
ENSMUSG00000058794	11.0642966	3.467839831	2.74E-14	4.78E-13	23.311809	41.2593513	24.8462592	219.7656527	555.3759645	215.6470813	Nfe2
ENSMUSG00000027239	0.224448467	-2.155543854	3.00E-14	5.21E-13	936.955399	567.807263	1251.00915	203.6621351	208.7447591	205.7550134	Mdk
ENSMUSG00000028211	2.234309359	1.159828953	3.00E-14	5.22E-13	1562.78781	1296.72247	1360.33269	2666.553071	3493.123308	3271.306871	Trp53inp1
ENSMUSG00000032014	0.355600912	-1.491669071	3.07E-14	5.33E-13	1073.23982	1027.55432	1515.62181	468.8965435	422.277242	393.7043045	Oaf
ENSMUSG00000028194	0.179644395	-2.47678417	3.13E-14	5.43E-13	680.5255	560.930705	754.083966	184.7168202	76.60358132	96.94226592	Ddah1
ENSMUSG00000032812	0.495629797	-1.012665171	3.32E-14	5.75E-13	2268.41833	2485.38473	2636.1881	1181.240383	1110.751929	1370.051411	Arap1
ENSMUSG00000029413	0.426431637	-1.229613621	3.39E-14	5.87E-13	1222.07675	1694.5805	1339.21337	594.8828875	618.5739191	601.4377314	Naaa
ENSMUSG00000031636	3.280228223	1.713796194	3.42E-14	5.92E-13	2089.99333	3765.40699	2365.36387	8570.860456	9657.796514	8738.652828	Pdlim3
ENSMUSG00000039126	0.386428477	-1.37172668	3.53E-14	6.10E-13	324.572109	320.251155	319.274431	107.0410291	131.183633	134.5321241	Prune2
ENSMUSG00000048503	3.460976946	1.791179332	3.71E-14	6.40E-13	214.289321	117.883861	168.954562	591.0938245	550.5882407	594.5132839	Tmem136
ENSMUSG00000027408	0.3544328	-1.496415973	3.72E-14	6.41E-13	2658.44283	1642.51513	2400.14864	816.5430717	793.8046114	764.6568526	Cpxm1
ENSMUSG00000038775	0.372890531	-1.423175934	3.72E-14	6.41E-13	358.643215	332.039542	331.69756	123.1445468	111.0751929	147.3918125	Vill
ENSMUSG00000102752	2.45877644	1.297940567	3.88E-14	6.69E-13	262.706155	239.697184	274.551164	540.8887401	654.0030755	714.2073061	Gm7694
ENSMUSG00000052821	0.196087036	-2.350433935	3.97E-14	6.83E-13	164.079271	167.984502	124.231296	35.99609829	22.98107439	30.66541065	Cysltr1
ENSMUSG00000034457	0.307798751	-1.699940715	4.09E-14	7.03E-13	272.568843	270.150515	213.677829	73.88672807	88.09411851	71.22288925	Eda2r
ENSMUSG00000003283	0.153471635	-2.703956061	4.12E-14	7.07E-13	282.431532	606.119518	426.113345	90.93751147	64.15549935	46.49271937	Hck
ENSMUSG00000036411	4.013848161	2.004986042	4.27E-14	7.31E-13	80.6947233	75.6421441	50.9348313	246.2890936	335.1406683	256.2045599	9530077C05Rik
ENSMUSG00000040751	0.160567488	-2.638748291	4.77E-14	8.16E-13	175.735175	303.550942	203.739325	50.20508446	28.72634299	30.66541065	Lat2
ENSMUSG00000091387	0.234801555	-2.090486135	4.88E-14	8.35E-13	319.192461	224.961701	193.800822	55.88867892	57.45268599	60.3416145	Gcnt4
ENSMUSG00000025044	0.144095824	-2.794899565	4.96E-14	8.47E-13	265.395979	447.958671	412.447902	82.41211977	46.91969356	32.64382424	Msr1

ENSMUSG00000045103	3.081115433	1.623452733	5.07E-14	8.64E-13	1984.19359	1487.30138	1105.65853	5089.658845	4477.479328	4544.416017	Dmd
ENSMUSG00000043895	0.489663216	-1.03013827	5.11E-14	8.70E-13	584.58844	522.61845	534.194572	267.1289399	271.9427137	265.1074211	S1pr2
ENSMUSG00000032322	0.227335883	-2.137102673	5.13E-14	8.72E-13	327.261934	632.643387	572.706274	106.0937634	128.3109987	113.7587814	Pstpip1
ENSMUSG00000021390	2.552149694	1.351712952	5.15E-14	8.74E-13	9573.98062	6573.00761	6884.89842	19203.91844	17794.05439	21788.26887	Ogn
ENSMUSG00000070733	2.070389364	1.049902111	5.32E-14	9.03E-13	2037.99007	1651.35642	1544.19501	3516.250443	3599.410777	3726.341997	Fryl
ENSMUSG00000034652	0.184595805	-2.437558324	5.49E-14	9.29E-13	313.812813	538.336298	527.983008	117.4609523	75.64603655	61.3308213	Cd300a
ENSMUSG00000052056	0.404210466	-1.306821418	5.48E-14	9.29E-13	620.452762	587.454574	619.914167	294.5996465	214.4900277	229.4959765	Zfp217
ENSMUSG00000001657	0.234882694	-2.089987675	5.66E-14	9.58E-13	1023.92638	1453.90095	2251.07108	370.3809061	395.4659885	344.2439647	Hoxc8
ENSMUSG00000090222	0.169949107	-2.556825313	5.83E-14	9.85E-13	136.284422	208.261488	201.254699	21.78711212	40.21688019	30.66541065	Ifi203-ps
ENSMUSG00000046598	2.136608646	1.09532268	5.94E-14	1.00E-12	347.883918	358.56341	325.485995	732.2364205	662.6209784	812.1387788	Bdh1
ENSMUSG00000046688	0.324348691	-1.62438248	6.49E-14	1.09E-12	369.402511	570.75436	493.198245	157.2461136	158.9524312	148.3810193	Tifa
ENSMUSG00000072621	0.110902411	-3.172637359	6.55E-14	1.10E-12	78.0048992	93.3247232	89.4465331	8.5253917	13.40562673	6.924447566	Slfn10-ps
ENSMUSG00000020176	0.410860967	-1.283277818	6.68E-14	1.12E-12	4486.62662	3453.01476	4763.02789	1505.205268	1917.004622	1796.39954	Grb10
ENSMUSG00000027555	0.239565191	-2.061509795	6.71E-14	1.13E-12	243.877386	204.332026	180.135379	39.78516127	48.83478309	62.32002809	Car13
ENSMUSG00000043157	0.156388652	-2.676792262	6.75E-14	1.13E-12	104.90314	139.495902	131.685174	17.0507834	26.81125346	14.83810193	Arl11
ENSMUSG00000040690	0.386646748	-1.370912015	6.95E-14	1.16E-12	4347.65237	3087.57479	4563.0155	1380.16619	1580.906409	1677.694725	Col16a1
ENSMUSG00000041431	0.132297647	-2.918140697	7.00E-14	1.17E-12	101.316708	127.707516	121.74667	8.5253917	20.1084401	17.80572231	Ccnb1
ENSMUSG00000019979	0.480559309	-1.0572136	7.22E-14	1.21E-12	719.976254	691.585317	791.353355	364.6973116	373.4424589	319.5137948	Apaf1
ENSMUSG00000025372	0.369037082	-1.438162304	7.30E-14	1.22E-12	1202.35138	1053.09582	1196.34738	369.4336403	536.2250692	367.9849278	Baiap2
ENSMUSG00000049872	2.029464161	1.021098863	7.69E-14	1.28E-12	573.829144	469.570713	468.351986	1027.783333	1018.827631	1025.807447	Fam26e
ENSMUSG00000026278	0.400204472	-1.321190805	7.76E-14	1.29E-12	475.20226	505.918236	590.098656	184.7168202	232.6833782	210.7010474	Bok
ENSMUSG00000026896	0.377315138	-1.406158113	7.87E-14	1.31E-12	590.864696	789.821868	575.1909	265.2344084	233.640923	239.3880444	Ifih1
ENSMUSG00000018143	2.163816038	1.11357785	8.15E-14	1.35E-12	1075.03304	1081.58442	1080.81227	1928.633056	2599.734041	2476.973815	Mafk
ENSMUSG00000023926	813.1170532	9.667319242	8.47E-14	1.40E-12	0.89660804	0	0	101.3574347	418.4470629	380.8446161	Rhag
ENSMUSG00000020160	2.4669899	1.302751809	8.56E-14	1.42E-12	190.977512	184.684715	202.497012	533.3106141	410.7867048	480.7545024	Meis1
ENSMUSG00000030986	2.090970939	1.064173011	8.68E-14	1.43E-12	455.476883	457.782327	375.178514	956.7384019	888.6015433	853.6854642	Dhx32
ENSMUSG00000030077	0.203493089	-2.296948298	8.96E-14	1.48E-12	340.711054	327.127714	241.008714	43.57422425	86.17902898	55.39558053	Chl1
ENSMUSG00000036139	0.213165123	-2.229956684	9.36E-14	1.54E-12	486.858164	612.996077	969.004108	159.1406451	168.5278789	112.7695746	Hoxc9
ENSMUSG00000075585	2.050185902	1.035754733	9.97E-14	1.64E-12	436.648114	484.306195	496.925184	871.4844849	984.3560199	1048.559203	6330403L08Rik
ENSMUSG00000012889	0.093788054	-3.41445202	1.00E-13	1.65E-12	66.3489947	95.2894542	85.7195942	7.578125956	5.745268599	9.892067951	Podnl1
ENSMUSG00000014329	0.367575797	-1.443886321	1.00E-13	1.65E-12	4038.3226	4051.27535	5730.78968	1431.31854	1713.047587	1934.888491	Bicc1
ENSMUSG00000036523	0.192103767	-2.380042282	1.01E-13	1.65E-12	163.182663	225.944067	142.86599	26.52344084	39.25933542	36.60065142	Greb1
ENSMUSG00000020407	0.190838537	-2.389575561	1.04E-13	1.71E-12	181.114823	219.067508	124.231296	34.1015668	31.59897729	34.62223783	Upp1
ENSMUSG00000039953	2.028618974	1.020497916	1.14E-13	1.87E-12	3453.73416	2629.79246	2803.90035	6074.815219	5771.122307	6187.488504	Clstn1
ENSMUSG00000027490	0.270515646	-1.886216056	1.20E-13	1.97E-12	268.085803	354.633948	377.66314	69.15039935	107.2450138	93.97464554	E2f1
ENSMUSG00000017830	0.198730026	-2.331118229	1.21E-13	1.98E-12	216.082537	448.941037	393.813208	67.25586786	73.73094702	69.24447566	Dhx58
ENSMUSG00000038357	0.011447944	-6.448767642	1.32E-13	2.16E-12	78.0048992	248.538473	94.4157849	0	3.830179066	0.989206795	Camp
ENSMUSG00000078532	0.182738926	-2.452144112	1.32E-13	2.16E-12	128.214949	139.495902	105.596602	26.52344084	24.89616393	16.81651552	Nkain1
ENSMUSG00000064225	6.120684885	2.613693095	1.34E-13	2.17E-12	137.18103	71.7126821	114.292792	943.4766815	619.5314639	415.466854	Paqr9
ENSMUSG00000038178	0.330632256	-1.596700615	1.36E-13	2.21E-12	655.420475	791.786599	734.206959	305.9668355	226.9381096	187.9492911	Slc43a2
ENSMUSG00000042821	0.240409935	-2.056431576	1.37E-13	2.22E-12	251.946858	184.684715	247.220279	42.6269585	53.62250692	68.25526886	Snai1
ENSMUSG00000058914	0.126233937	-2.985828271	1.37E-13	2.22E-12	2049.64597	678.814566	2392.69476	267.1289399	200.1268562	179.0464299	C1qtnf3
ENSMUSG00000055676	5.353819369	2.420568465	1.42E-13	2.30E-12	18.8287688	18.6649446	21.1193203	107.9882949	94.79693188	109.8019543	Gm5069
ENSMUSG00000026581	5.599904509	2.485402226	1.48E-13	2.40E-12	78.9015073	122.795688	110.565853	853.4864358	378.2301827	514.3875335	Sell
ENSMUSG00000023995	806.6752125	9.655844115	1.57E-13	2.53E-12	0	0	0	64.41407062	250.8767288	143.4349853	Tspo2
ENSMUSG00000106258	114.8360819	6.843432203	1.58E-13	2.55E-12	0	1.96473102	1.24231296	94.72657445	94.79693188	164.208328	Rpl7a-ps7
ENSMUSG00000020542	5.00783273	2.324186375	1.61E-13	2.60E-12	438.44133	304.533307	177.650753	1189.765775	1642.189274	1788.485886	Myocd
ENSMUSG00000033857	0.424488416	-1.23620291	1.61E-13	2.60E-12	517.342837	492.165119	560.283145	209.3457295	255.6644526	200.8089794	Engase
ENSMUSG00000042215	2.372822847	1.246604394	1.66E-13	2.67E-12	168.562311	188.614177	146.592929	391.2207525	408.8716153	398.6503384	Bag2
ENSMUSG00000003812	0.317578768	-1.654813633	1.85E-13	2.98E-12	507.480149	683.726393	725.510768	210.2929953	236.5135573	161.2407076	Dnase2a
ENSMUSG00000017724	0.119616095	-3.063516567	1.91E-13	3.07E-12	89.6608037	93.3247232	116.777418	9.472657445	8.617902898	17.80572231	Etv4
ENSMUSG00000035441	2.154561173	1.107394061	1.92E-13	3.08E-12	2006.60879	1552.1375	1528.04494	3947.256357	3488.335584	3529.489845	Myo1d
ENSMUSG00000052911	2.167291465	1.115893185	1.98E-13	3.18E-12	10029.4575	7911.9718	7161.93421	18779.54338	17362.20171	18271.63871	Lamb2
ENSMUSG00000026357	31.23435203	4.965061696	2.22E-13	3.54E-12	74.4184671	108.060206	109.32354	940.6348843	5148.718209	3020.048346	Rgs18
ENSMUSG00000052776	0.092057409	-3.441322347	2.28E-13	3.63E-12	198.150376	536.371567	498.167497	31.25976957	60.32532029	21.76254949	Oas1a
ENSMUSG00000026483	2.432820514	1.282629887	2.33E-13	3.72E-12	5990.2383	4587.64692	3868.56256	12026.48589	11627.4661	11499.52899	Fam129a
ENSMUSG00000025038	18.33046369	4.196171376	2.36E-13	3.76E-12	5.37964822	3.92946203	2.48462592	76.7285253	88.09411851	57.37399412	Efhc2
ENSMUSG00000039462	0.011264525	-6.47206974	2.39E-13	3.80E-12	1717.901	471.535444	947.884788	24.62890936	6.702813365	3.956827181	Col10a1
ENSMUSG00000038602	0.20337814	-2.297763475	2.49E-13	3.95E-12	106.696356	103.148378	103.111976	18.94531489	22.98107439	21.76254949	Slc35f1
ENSMUSG00000028332	591.6654791	9.208637913	2.51E-13	3.97E-12	0	0	1.24231296	110.8300921	284.3907956	260.1613871	Hemgn
ENSMUSG00000031779	0.049324068	-4.341564404	2.50E-13	3.97E-12	72.625251	136.548806	141.623677	6.630860211	9.575447664	0.989206795	Ccl22
ENSMUSG00000034714	0.347275203	-1.525848697	2.51E-13	3.97E-12	355.056783	331.057176	438.536475	146.8261904	130.2260882	112.7695746	Ttyh2
ENSMUSG00000050730	0.392169701	-1.350450017	2.58E-13	4.09E-12	633.005274	595.313498	515.559878	269.0234714	215.4475724	199.8197726	Arhgap42
ENSMUSG00000024590	0.338367924	-1.563335281	2.65E-13	4.19E-12	328.158542	457.782327	484.502054	142.0898617	139.8015359	147.3918125	Lmnb1
ENSMUSG00000073412	0.135998556	-2.878336766	2.76E-13	4.35E-12	179.321607	316.321693	383.874704	29.36523808	58.41023075	31.65461744	Lst1
ENSMUSG00000047844	62.29644395	5.961077908	3.01E-13	4.74E-12	0	2.94709652	1.24231296	98.51563742	72.77340225	84.08257759	Bex4
ENSMUSG00000019838	5.595076008	2.48415773	3.01E-13	4.74E-12	186.494472	313.374597	203.739325	717.0801686	1675.703341	1545.141014	Slc16a10
ENSMUSG00000034786	0.287460984	-1.798561935	3.04E-13	4.79E-12	352.366959	563.877801	595.067907	151.5625191	135.9713568	146.4026057	Gpsm3
ENSMUSG00000032724	2.6925135	1.428953578	3.05E-13	4.79E-12	313.812813	303.550942	269.581912	650.7715664	769.8659922	970.411866	Abtb2
ENSMUSG00000057191	0.215112828	-2.216834537	3.21E-13	5.03E-12	223.255401	328.11008	320.516743	77.67579105	67.98567842	41.5466854	AB124611
ENSMUSG00000060224	0.280590775	-1.833460516	3.26E-13	5.11E-12	353.263567	254.432666	241.008714	71.04493083	76.60358132	91.00702515	Pyroxd2
ENSMUSG00000021796	2.236421971	1.161192423	3.38E-13	5.28E-12	2565.19559	2021.70821	1924.34277	5279.111994	4290.758098	4997.472729	Bmpr1a
ENSMUSG00000030527	2.104041887	1.073163426	3.38E-13	5.28E-12	1080.41268	960.753466	1279.58235	2464.785467	2157.348359	2359.258206	Crtc3
ENSMUSG00000039476	0.255167471	-1.97048367	3.40E-13	5.30E-12	222.358793	255.415032	326.728308	53.04688169	69.90076795	82.104164	Prrx2
ENSMUSG00000090877	3.980520137	1.992956961	3.45E-13	5.38E-12	730.73555	575.666187	855.953629	1843.379139	2977.006679	3783.715991	Hspa1b
ENSMUSG00000087543	2.868680125	1.520387108	3.49E-13	5.43E-12	101.316708	83.5010681	79.5080294	256.7090167	233.640923	271.0426619	Gm16576
ENSMUSG00000008136	0.421279869	-1.247149117	3.74E-13	5.81E-12	838.328515	789.821868	882.042201	288.9160521	359.0792874	409.5316132	Fhl2
ENSMUSG00000028487	0.165105704	-2.598538133	3.82E-13	5.94E-12	236.704522	137.531171	227.343272	25.5761751	45.00460402	28.68699706	Bnc2
ENSMUSG00000020325	3.468101629	1.794146176	3.83E-13	5.94E-12	376.575376	275.062342	191.316196	915.0587092	1049.469064	967.4442456	Fstl3
ENSMUSG00000026141	3.260613954	1.705143641	3.89E-13	6.03E-12	95.0404519	87.4305302	79.5080294	231.1328416	288.2209747	337.3195171	Col19a1
ENSMUSG00000031506	0.191129498	-2.387377637	3.90E-13	6.04E-12	172.148743	283.903632	243.49334	56.83594467	45.96214879	30.66541065	Ptpn7
ENSMUSG00000021866	3.109185075	1.636536496	4.02E-13	6.22E-12	641.971355	535.389202	346.605316	1608.457234	1532.071626	1606.471835	Anxa11
ENSMUSG00000035385	0.074882238	-3.739232641	4.13E-13	6.37E-12	182.90804	369.369431	551.586954	22.73437787	46.91969356	12.85968834	Ccl2
ENSMUSG00000021464	0.192152099	-2.379679361	4.13E-13	6.37E-12	174.838567	173.878695	300.639736	35.99609829	46.91969356	41.5466854	Ror2

ENSMUSG00000024924	2.338158824	1.225372931	4.16E-13	6.41E-12	1456.09145	1442.11257	1088.26615	3291.748462	2681.125346	3354.400242	Vldlr
ENSMUSG00000068758	0.233172541	-2.100530193	4.20E-13	6.46E-12	507.480149	853.675626	1110.62779	174.296897	210.6598486	190.9169115	Il3ra
ENSMUSG00000025656	2.170954592	1.118329551	4.34E-13	6.68E-12	283.32814	240.679549	239.766401	535.2051456	529.5222558	596.4916975	Arhgef9
ENSMUSG00000028701	2.661979419	1.412499417	4.36E-13	6.71E-12	169.458919	123.778054	139.139051	401.6406757	401.2112571	350.1792055	Lurap1
ENSMUSG00000034593	0.417157642	-1.261335421	4.40E-13	6.75E-12	2115.09836	1614.02653	1448.53691	730.341889	739.2245597	691.4555498	Myo5a
ENSMUSG00000051375	0.490677508	-1.027152952	4.54E-13	6.97E-12	1055.30766	861.53455	1029.87744	500.1563131	452.9186745	492.624984	Pcdh1
ENSMUSG00000034235	2.837384333	1.504561581	4.60E-13	7.04E-12	476.098868	321.233521	293.185858	1028.730598	1020.742721	1051.526823	Usp54
ENSMUSG00000048279	2.983459875	1.576986374	4.60E-13	7.04E-12	811.430274	649.3436	464.625047	1697.500214	1996.480838	2058.539341	Sacs
ENSMUSG00000024049	2.98870242	1.579519257	4.84E-13	7.39E-12	6792.70249	10719.5724	6061.24493	23037.50291	24523.67901	22897.16969	Myom1
ENSMUSG00000065445	3.25620875	1.703193191	4.85E-13	7.41E-12	115.662437	94.3070887	77.0234035	341.015668	333.2255787	265.1074211	Mir143
ENSMUSG00000097233	3.020936461	1.59499584	4.86E-13	7.42E-12	140.767462	120.830957	88.2042201	363.7500459	331.3104892	367.9849278	Gm17552
ENSMUSG00000010175	0.331319012	-1.593707102	4.93E-13	7.52E-12	867.91658	537.353933	624.883418	235.8691704	210.6598486	226.5283561	Prox1
ENSMUSG00000110408	33.79887188	5.078903189	5.06E-13	7.70E-12	0.89660804	1.96473102	3.72693888	62.51953913	68.94322318	78.14733682	Gm45881
ENSMUSG00000036106	0.359708597	-1.475099455	5.10E-13	7.75E-12	255.533291	222.014605	249.704905	85.253917	79.47621561	96.94226592	Prr5
ENSMUSG00000028873	0.175270038	-2.512348704	5.14E-13	7.80E-12	102.213316	142.442999	157.773746	28.41797233	18.19335056	23.74096308	Cdca8
ENSMUSG00000029177	0.334488603	-1.579971041	5.17E-13	7.85E-12	242.08417	288.815459	341.636064	101.3574347	91.92429758	97.93147272	Cenpa
ENSMUSG00000020802	6.235478757	2.640500334	5.31E-13	8.05E-12	602.520601	600.225325	606.248724	6190.38164	3268.100288	1821.12971	Ube2o
ENSMUSG00000047180	0.25153423	-1.991173351	5.39E-13	8.15E-12	604.313817	1129.72033	941.673223	281.3379261	189.5938638	201.7981862	Neurl3
ENSMUSG00000020592	0.498108251	-1.005468787	5.74E-13	8.67E-12	3143.50778	2875.38384	3284.67546	1481.523624	1378.864464	1773.647784	Sdc1
ENSMUSG00000071818	26.28679808	4.716266517	5.80E-13	8.77E-12	4.48304019	1.96473102	1.24231296	65.36133637	85.22148421	61.3308213	4930417O22Rik
ENSMUSG00000039481	3.991220132	1.996829851	5.84E-13	8.81E-12	79.7981153	67.78322	130.442861	335.3320735	359.0792874	407.5531996	Nrtn
ENSMUSG00000023046	0.454275865	-1.138359436	6.24E-13	9.40E-12	3737.95891	3842.0315	4895.95537	1662.451382	1987.862935	2016.003448	Igfbp6
ENSMUSG00000059326	0.291459722	-1.77863157	6.32E-13	9.52E-12	789.911681	1069.79604	636.064235	296.494178	212.5749382	218.6147017	Csf2ra
ENSMUSG00000037855	2.745360002	1.456995344	6.47E-13	9.74E-12	176.631783	174.86106	162.742998	576.8848384	414.6168839	421.4020947	Zfp365
ENSMUSG00000031170	500.7673802	8.967996779	6.57E-13	9.88E-12	0	0	0	93.7793087	119.6930958	71.22288925	Slc38a5
ENSMUSG00000097252	13.60883043	3.766471179	6.84E-13	1.03E-11	52.8998742	38.3122548	70.8118387	256.7090167	1374.07674	568.7939072	Gm6634
ENSMUSG00000027331	0.223723225	-2.16021306	6.87E-13	1.03E-11	130.008165	203.34966	202.497012	37.89062978	39.25933542	42.53589219	Knstrn
ENSMUSG00000097451	0.328704715	-1.605135945	6.87E-13	1.03E-11	3796.23843	2493.24366	4376.66856	1089.355606	1331.94477	1084.170647	Rian
ENSMUSG00000060791	0.255172969	-1.970452587	7.13E-13	1.07E-11	283.32814	510.830064	482.017428	104.1992319	101.4997452	119.6940222	Gmfg
ENSMUSG00000078117	15.5550363	3.959309857	7.18E-13	1.07E-11	7.1728643	16.7002136	1.24231296	156.2988478	129.2685435	115.737195	Gm16485
ENSMUSG00000029570	0.48859764	-1.033281199	7.62E-13	1.14E-11	1062.48052	1268.23387	1262.18997	586.3574958	530.4798006	638.0383829	Lfng
ENSMUSG00000001333	4.801281914	2.263419648	7.83E-13	1.17E-11	174.838567	187.631812	77.0234035	811.806743	646.3427173	660.7901391	Sync
ENSMUSG00000044835	35.66766108	5.156544709	7.85E-13	1.17E-11	0.89660804	0.98236551	4.96925184	84.30665126	78.51867085	60.3416145	Ankrd45
ENSMUSG00000037628	9.447585549	3.239945677	7.93E-13	1.18E-11	30.4846733	35.3651583	36.0270758	131.6699385	371.5273694	458.0027461	Cdkn3
ENSMUSG00000056445	4.045225471	2.016220117	8.02E-13	1.19E-11	56.4863063	39.2946203	38.5117017	208.3984638	180.0184161	158.2730872	Hoxaas2
ENSMUSG00000016262	0.355040067	-1.493946252	8.17E-13	1.22E-11	1258.83768	789.821868	937.946284	376.0645006	322.6925863	362.049687	Sertad4
ENSMUSG00000022489	0.424066728	-1.237636802	8.33E-13	1.24E-11	376.575376	358.56341	340.393751	154.4043163	135.0138121	167.1759484	Pde1b
ENSMUSG00000032332	0.218672075	-2.193159098	8.68E-13	1.29E-11	7093.06618	3013.89738	3579.10364	962.4219964	1143.308451	887.3184952	Col12a1
ENSMUSG00000072825	2.06827095	1.048425196	8.91E-13	1.32E-11	752.254143	572.719091	710.603013	1467.314638	1398.015359	1344.332035	Cep170b
ENSMUSG00000072620	0.223673879	-2.160531308	8.93E-13	1.32E-11	829.362434	1899.89489	1856.01556	357.1191857	346.6312055	321.4922084	Slfn2
ENSMUSG00000024644	0.410566119	-1.284313518	8.94E-13	1.32E-11	1387.05263	1960.80155	1913.16196	760.6543928	757.4179103	641.0060032	Cndp2
ENSMUSG00000079293	0.213150039	-2.230058777	9.61E-13	1.42E-11	446.510802	1024.60722	669.606685	165.7715053	162.7826103	127.6076766	Clec7a
ENSMUSG00000033446	0.46873852	-1.093144737	9.67E-13	1.43E-11	575.62236	554.054146	545.375389	251.0254223	296.8388776	237.4096308	Lpar6
ENSMUSG00000073555	0.176958407	-2.49851779	9.69E-13	1.43E-11	169.458919	383.122548	341.636064	57.78321041	48.83478309	51.43875335	Gm4951
ENSMUSG00000033427	6.500307282	2.700507919	1.00E-12	1.48E-11	17.9321607	33.4004273	26.0885721	220.7129185	122.5657301	158.2730872	Upb1
ENSMUSG00000024338	0.253618936	-1.979265628	1.02E-12	1.50E-11	907.367334	1937.22478	1608.79528	351.4355912	348.546295	429.3157491	Psmb8
ENSMUSG00000053318	0.043159737	-4.534170128	1.04E-12	1.54E-11	62.7625626	271.13288	134.1698	6.630860211	9.575447664	3.956827181	Slamf8
ENSMUSG00000029659	0.421794928	-1.245386349	1.06E-12	1.55E-11	1574.44371	1601.25578	2140.50523	702.8711824	838.8092154	699.3692042	Medag
ENSMUSG00000026574	0.404659669	-1.305219027	1.08E-12	1.59E-11	11687.2858	10553.5526	16422.135	5034.717432	5171.699284	5437.669753	Dpt
ENSMUSG00000053113	0.402814304	-1.311813179	1.11E-12	1.63E-11	1101.03467	1150.35001	1180.19731	451.8457601	563.9938674	366.0065142	Socs3
ENSMUSG00000024066	0.351552933	-1.508186164	1.12E-12	1.64E-11	3055.64019	2581.65655	1843.59243	891.3770655	976.6956618	762.678439	Xdh
ENSMUSG00000006538	20.21538745	4.337381949	1.16E-12	1.69E-11	1.79321607	3.92946203	7.45387776	55.88867892	104.3723795	93.97464554	Ihh
ENSMUSG00000031162	66.68893182	6.059375436	1.16E-12	1.70E-11	1.79321607	0.98236551	1.24231296	67.25586786	132.1411778	72.21209604	Gata1
ENSMUSG00000035829	3.301275502	1.723023541	1.18E-12	1.72E-11	52.0032661	50.1006409	57.1463961	195.1367434	157.0373417	172.1219824	Ppp1r26
ENSMUSG00000040855	0.374623457	-1.416486859	1.19E-12	1.74E-11	314.709421	253.450301	286.974294	97.56837168	106.2874691	116.7264018	Reps2
ENSMUSG00000034723	2.100302985	1.070597463	1.22E-12	1.78E-11	979.992585	873.322936	721.783829	1896.42602	1701.55705	1817.172883	Tmx4
ENSMUSG00000088948	37.76286504	5.23889632	1.28E-12	1.86E-11	3.58643215	0.98236551	1.24231296	86.20118275	52.66496215	90.01781836	Gm23262
ENSMUSG00000042684	0.133564796	-2.904388288	1.30E-12	1.89E-11	78.9015073	101.183647	124.231296	9.472657445	17.2358058	13.84889513	Npl
ENSMUSG00000083992	4.920859065	2.298910198	1.40E-12	2.03E-11	37.6575376	43.2240823	54.6617702	199.8730721	166.6127894	296.7620385	Gm11478
ENSMUSG00000084817	5.346134122	2.418496032	1.41E-12	2.05E-11	78.0048992	132.619344	129.200548	362.8027801	808.1677829	641.99521	Gm5526
ENSMUSG00000035187	11.13988963	3.477663033	1.43E-12	2.07E-11	6.27625626	4.91182754	18.6346944	100.4101689	106.2874691	112.7695746	Nkx6-1
ENSMUSG00000043336	2.427371415	1.279394874	1.53E-12	2.21E-11	6139.07523	4713.38971	3924.46664	11572.7456	11480.96175	12823.08769	Filip1l
ENSMUSG00000066861	0.058733477	-4.08967315	1.54E-12	2.22E-11	75.3150751	265.238687	151.562181	6.630860211	15.32071626	6.924447566	Oas1g
ENSMUSG00000049988	0.140259518	-2.833829416	1.55E-12	2.24E-11	172.148743	335.969004	293.185858	44.52148999	47.87723832	19.7841359	Lrrc25
ENSMUSG00000036863	2.50991574	1.327638932	1.73E-12	2.49E-11	513.756405	349.722121	381.390078	1110.195453	1072.450138	945.6816961	Syde2
ENSMUSG00000021567	0.324103632	-1.625472907	1.77E-12	2.55E-11	508.376757	372.316527	329.212934	119.3554838	135.9713568	137.4997445	Nkd2
ENSMUSG00000071042	0.313907933	-1.671586607	1.83E-12	2.62E-11	448.304019	481.359099	386.35933	170.507834	141.7166254	100.8990931	Rasgrp3
ENSMUSG00000026622	0.150298361	-2.734098816	1.86E-12	2.67E-11	75.3150751	109.042571	91.931159	14.20898617	11.4905372	15.82730872	Nek2
ENSMUSG00000002847	0.226284815	-2.143788317	1.90E-12	2.73E-11	205.32324	251.48557	352.81688	64.41407062	71.81585748	46.49271937	Pla1a
ENSMUSG00000024247	2.410179607	1.26914066	2.04E-12	2.92E-11	1057.10088	1396.92375	1304.42861	2562.353839	2904.233277	3589.83146	Pkdcc
ENSMUSG00000040722	0.394928991	-1.340334819	2.06E-12	2.94E-11	472.512436	394.910934	551.586954	177.1386942	183.8485952	198.8305658	Scamp5
ENSMUSG00000102070	2.540770961	1.345266329	2.06E-12	2.95E-11	102.213316	127.707516	136.654426	314.4922272	309.2869596	303.6864861	Gm28661
ENSMUSG00000027207	0.476746365	-1.068706156	2.11E-12	3.01E-11	498.514069	512.794795	587.61403	263.339877	261.4097212	236.420424	Galk2
ENSMUSG00000006675	2.534507215	1.341705271	2.13E-12	3.03E-11	206.219849	145.390095	157.773746	428.1641165	428.9800554	437.2294034	P4htm
ENSMUSG00000037254	4.974969611	2.314687713	2.13E-12	3.03E-11	222.358793	153.249019	108.081227	1122.509907	597.5079343	693.4339634	Itih2
ENSMUSG00000061603	2.747477965	1.458107911	2.32E-12	3.30E-11	479.6853	538.336298	336.666812	1405.742365	1211.29413	1110.879231	Akap6
ENSMUSG00000060206	0.317741036	-1.654076669	2.33E-12	3.31E-11	381.955024	269.168149	318.032118	84.30665126	108.2025586	115.737195	Zfp462
ENSMUSG00000063626	15.39215211	3.944123057	2.35E-12	3.33E-11	2.68982411	7.85892406	3.72693888	57.78321041	84.26393945	78.14733682	Unc5d
ENSMUSG00000005360	0.237689262	-2.072851367	2.40E-12	3.40E-11	1746.59246	986.29497	1088.26615	303.1250382	393.550899	211.6902542	Slc1a3
ENSMUSG00000046186	0.377664759	-1.404821926	2.40E-12	3.40E-11	1722.38404	1108.10829	1191.37813	485.0000612	509.4138157	525.2688082	Cd109
ENSMUSG00000034422	0.415006296	-1.268794872	2.57E-12	3.63E-11	1297.39183	1949.01317	1581.4644	692.4512592	620.4890087	690.466343	Parp14
ENSMUSG00000020357	0.338721057	-1.56183042	2.61E-12	3.69E-11	1532.30314	1007.90701	925.523155	366.5918431	421.3196972	386.7798569	Flt4
ENSMUSG00000023341	0.192517275	-2.376940191	2.62E-12	3.70E-11	133.594598	248.538473	259.643408	44.52148999	41.17442496	37.58985821	Mx2
ENSMUSG00000008496	0.127985996	-2.965942129	2.68E-12	3.77E-11	412.439697	763.297999	1110.62779	152.5097849	79.47621561	60.3416145	Pou2f2

ENSMUSG00000106847	2.097421107	1.068616546	2.77E-12	3.90E-11	1448.91859	1173.92678	1059.69295	2475.20539	2502.064475	2752.962511	Peg13
ENSMUSG00000044583	0.20524501	-2.284580949	2.78E-12	3.91E-11	264.499371	333.021907	278.278103	55.88867892	87.13657375	36.60065142	Tlr7
ENSMUSG00000008730	2.232217226	1.158477428	2.80E-12	3.93E-11	2844.04069	2399.91893	2210.07475	6518.135588	5275.114118	4850.080917	Hipk1
ENSMUSG00000030263	0.239109773	-2.064254997	3.00E-12	4.21E-11	268.982411	358.56341	253.431844	95.67384019	52.66496215	62.32002809	Lrmp
ENSMUSG00000084989	0.041239411	-4.599832466	3.04E-12	4.26E-11	63.6591706	115.91913	53.4194572	4.736328722	2.872634299	1.97841359	Crocc2
ENSMUSG00000002257	0.395685116	-1.337575297	3.18E-12	4.44E-11	271.672235	315.339328	350.332254	123.1445468	128.3109987	118.7048154	Def6
ENSMUSG00000036002	2.207517479	1.142424861	3.18E-12	4.45E-11	873.296228	868.411109	857.195942	1779.912334	2316.30079	1641.094073	Fam214b
ENSMUSG00000023349	0.070281565	-3.830709868	3.23E-12	4.51E-11	256.429899	478.412002	495.682871	15.15625191	59.36777552	11.87048154	Clec4n
ENSMUSG00000051748	0.232134118	-2.106969519	3.34E-12	4.66E-11	133.594598	142.442999	172.681501	35.99609829	42.13196972	25.71937667	Wfdc21
ENSMUSG00000035455	0.198571962	-2.332266161	3.42E-12	4.76E-11	94.1438439	105.113109	86.9619071	19.89258063	17.2358058	19.7841359	Fignl1
ENSMUSG00000034040	0.251106823	-1.993626867	3.42E-12	4.77E-11	279.741708	278.991804	437.294162	70.09766509	104.3723795	75.17971643	Galnt17
ENSMUSG00000075027	4.173938749	2.06140943	3.61E-12	5.01E-11	41.2439697	33.4004273	50.9348313	141.1425959	175.2306923	204.7658066	4631405J19Rik
ENSMUSG00000044017	0.415861626	-1.26582453	3.64E-12	5.05E-11	924.402886	852.693261	1057.20833	322.0703531	399.2961676	457.0135394	Adgrd1
ENSMUSG00000049130	0.149386149	-2.742881705	3.78E-12	5.24E-11	293.190828	510.830064	628.610357	95.67384019	80.43376038	37.58985821	C5ar1
ENSMUSG00000071656	0.389543759	-1.360142695	3.91E-12	5.41E-11	769.289696	657.202525	783.899477	328.7012133	309.2869596	222.5715289	Lrrn4cl
ENSMUSG00000040859	2.37559479	1.248288774	3.94E-12	5.45E-11	695.767837	711.232627	755.326279	1587.617388	2119.046568	1428.414612	Bsdc1
ENSMUSG00000021268	0.304047377	-1.717631949	4.04E-12	5.59E-11	11446.0982	10005.3927	19003.6613	3928.311042	4684.308997	3686.773725	Meg3
ENSMUSG00000025855	0.356017823	-1.489978629	4.15E-12	5.74E-11	215.185929	184.684715	221.131707	69.15039935	75.64603655	76.16892323	Prkar1b
ENSMUSG00000065599	4.241651086	2.084625951	4.17E-12	5.75E-11	45.7270099	44.2064478	50.9348313	141.1425959	236.5135573	218.6147017	Mir23b
ENSMUSG00000001366	2.180959478	1.124962965	4.18E-12	5.77E-11	710.113565	701.408972	576.433213	1384.902518	1667.085438	1287.947247	Fbxo9
ENSMUSG00000022102	0.208618729	-2.261059412	4.22E-12	5.81E-11	217.875753	451.888133	411.20559	75.78125956	87.13657375	62.32002809	Dok2
ENSMUSG00000000120	0.16028809	-2.641260866	4.28E-12	5.90E-11	152.423366	111.007302	84.4772812	18.94531489	17.2358058	19.7841359	Ngfr
ENSMUSG00000021411	2.079302348	1.056099553	4.30E-12	5.92E-11	597.140953	610.04898	636.064235	1071.357557	1334.817404	1425.446992	Pxdc1
ENSMUSG00000022878	0.337712253	-1.56613357	4.47E-12	6.14E-11	5741.87787	3250.64746	4261.13345	1358.379078	1739.858841	1377.965066	Adipoq
ENSMUSG00000093954	46.01819108	5.524132369	4.47E-12	6.14E-11	3.58643215	2.94709652	0	47.36328722	169.4854237	102.8775067	Gm16867
ENSMUSG00000092586	76.58865461	6.259058791	4.62E-12	6.34E-11	0	0.98236551	3.72693888	71.04493083	180.0184161	72.21209604	Ly6g6c
ENSMUSG00000022148	0.255030578	-1.971257859	4.63E-12	6.34E-11	718.183038	1279.03989	1351.6365	330.5957448	310.2445043	212.679461	Fyb
ENSMUSG00000025964	0.249152781	-2.004897419	4.68E-12	6.41E-11	468.926003	273.097611	294.428171	95.67384019	69.90076795	92.98543874	Adam23
ENSMUSG00000056515	0.495677365	-1.012526715	4.76E-12	6.51E-11	2374.21808	1768.25791	1986.45842	1041.992319	1005.422005	991.1852087	Rab31
ENSMUSG00000074221	2.13609622	1.094976634	4.85E-12	6.63E-11	432.165074	450.905768	332.939873	852.53917	869.4506479	881.3832545	Zfp568
ENSMUSG00000025473	0.169506574	-2.560586871	4.86E-12	6.64E-11	315.606029	537.353933	335.424499	101.3574347	58.41023075	41.5466854	Adam8
ENSMUSG00000042129	0.332930413	-1.586707431	4.94E-12	6.75E-11	920.816454	1252.51602	911.857712	439.5313054	298.7539671	288.8483842	Rassf4
ENSMUSG00000043085	10.21171784	3.352153676	4.97E-12	6.79E-11	26.0016331	11.7883861	38.5117017	139.2480644	270.0276241	363.0388938	Tmem82
ENSMUSG00000050493	0.187342458	-2.416250198	5.10E-12	6.95E-11	99.5234921	162.090309	140.381364	20.83984638	30.64143253	23.74096308	Fam167b
ENSMUSG00000037979	5.182754421	2.373719035	5.13E-12	6.98E-11	34.0711054	38.3122548	40.9963277	168.6133025	273.8578032	143.4349853	Ccdc92
ENSMUSG00000082361	5.222133898	2.384639449	5.16E-12	7.02E-11	28.6914572	44.2064478	57.1463961	288.9160521	171.4005132	212.679461	Btc
ENSMUSG00000030772	2.016031662	1.011518297	5.27E-12	7.16E-11	4078.66996	3065.96275	4018.88242	7744.844727	7041.784212	7717.791416	Dkk3
ENSMUSG00000032363	0.228231513	-2.131430089	5.29E-12	7.19E-11	287.81118	184.684715	258.401096	42.6269585	73.73094702	50.44954655	Adamts7
ENSMUSG00000039903	3.222021651	1.687966189	5.44E-12	7.38E-11	108.489572	110.024937	135.412113	287.9687863	459.6214879	389.7474773	Eva1c
ENSMUSG00000042804	0.408390217	-1.291979788	5.82E-12	7.88E-11	1261.52751	863.499281	1141.68561	397.8516127	460.5790327	475.8084685	Gpr153
ENSMUSG00000032344	0.240602469	-2.055276646	6.02E-12	8.14E-11	140.767462	202.367295	209.95089	48.31055297	49.79232786	34.62223783	Mb21d1
ENSMUSG00000025950	0.495738268	-1.012349463	6.33E-12	8.55E-11	2442.36029	1960.80155	2220.01326	1223.867342	1079.152952	980.303934	Idh1
ENSMUSG00000022479	0.127367433	-2.972931662	6.35E-12	8.57E-11	89.6608037	66.8008545	93.1734719	11.36718893	13.40562673	6.924447566	Vdr
ENSMUSG00000022534	0.107115325	-3.222763197	6.54E-12	8.83E-11	70.8320349	133.601709	83.2349683	9.472657445	13.40562673	7.913654361	Mefv
ENSMUSG00000063506	0.18965289	-2.398566737	6.65E-12	8.97E-11	98.6268841	107.07784	83.2349683	19.89258063	20.1084401	14.83810193	Arhgap22
ENSMUSG00000069601	0.269099776	-1.893786903	6.71E-12	9.04E-11	502.100501	777.051116	759.053218	179.9804914	236.5135573	131.5645038	Ank3
ENSMUSG00000051596	4.282394835	2.098417818	6.75E-12	9.09E-11	43.9337938	30.4533307	37.2693888	191.3476804	158.9524312	128.5968834	Otop1
ENSMUSG00000047420	0.204576091	-2.28929055	6.99E-12	9.39E-11	234.911306	180.755253	163.985311	25.5761751	52.66496215	40.5574786	Fam180a
ENSMUSG00000024420	0.330641678	-1.596659502	7.10E-12	9.52E-11	1344.91206	964.682928	832.349683	342.9101995	288.2209747	408.5424064	Zfp521
ENSMUSG00000033083	0.416487672	-1.263654302	7.30E-12	9.79E-11	737.011806	756.421441	573.948587	297.4414438	315.9897729	248.2909056	Tbc1d4
ENSMUSG00000023913	0.163974865	-2.608453411	7.35E-12	9.85E-11	771.082912	1372.36461	911.857712	229.2383102	193.4240428	78.14733682	Pla2g7
ENSMUSG00000035004	0.245999406	-2.023273263	7.45E-12	9.98E-11	231.324874	356.598679	217.404768	71.04493083	74.68849178	52.42796014	Igsf6
ENSMUSG00000029005	12.27135171	3.617222268	7.69E-12	1.03E-10	3.58643215	7.85892406	14.9077555	137.3535329	95.75447664	79.13654361	Draxin
ENSMUSG00000000555	2.137439969	1.095883902	7.72E-12	1.03E-10	4414.89797	4670.16562	4529.47305	8279.102607	11844.82876	8976.062459	Itga5
ENSMUSG00000036894	0.38637169	-1.371938705	7.89E-12	1.05E-10	502.100501	612.996077	726.753081	246.2890936	257.5795422	206.7442202	Rap2b
ENSMUSG00000022952	0.258271389	-1.95304026	7.92E-12	1.06E-10	763.910048	997.10099	1540.46807	330.5957448	297.7964224	223.5607357	Runx1
ENSMUSG00000065475	3.569736557	1.835817609	7.93E-12	1.06E-10	60.9693465	53.0477374	36.0270758	176.1914285	188.636319	176.0788095	Mir27b
ENSMUSG00000061482	22.35160568	4.48230657	7.96E-12	1.06E-10	2.68982411	0.98236551	9.93850367	123.1445468	66.07058888	96.94226592	Hist1h4d
ENSMUSG00000014776	0.341443786	-1.550280015	8.18E-12	1.09E-10	260.912939	387.05201	359.028445	106.0937634	119.6930958	117.7156086	Nol3
ENSMUSG00000004317	0.412022809	-1.279203889	8.46E-12	1.12E-10	356.849999	295.692018	334.182186	151.5625191	128.3109987	126.6184698	Clcn5
ENSMUSG00000027306	4.687465499	2.228808072	8.59E-12	1.14E-10	139.870854	173.878695	166.469937	452.7930259	1119.369832	677.6066547	Nusap1
ENSMUSG00000051735	0.25677324	-1.96143324	8.68E-12	1.15E-10	172.148743	288.815459	211.193203	63.46680488	51.70741739	57.37399412	Rinl
ENSMUSG00000031803	0.478567545	-1.063205532	8.82E-12	1.17E-10	647.351003	796.698427	631.094983	322.0703531	332.268034	339.2979307	B3gnt3
ENSMUSG00000026875	0.359527459	-1.475826136	9.17E-12	1.21E-10	378.368592	570.75436	465.86736	179.0332257	179.0608713	150.3594329	Traf1
ENSMUSG00000100862	2.739144766	1.453725516	9.34E-12	1.24E-10	112.972613	143.425364	111.808166	375.1172348	348.546295	285.8807638	Gm10925
ENSMUSG00000029866	204.4236861	7.675418557	9.47E-12	1.25E-10	0	0	2.48462592	72.93946232	203.9570353	149.3702261	Kel
ENSMUSG00000044550	3.430342857	1.778352778	9.47E-12	1.25E-10	143.457286	82.5187026	155.28912	431.9531795	403.1263467	469.8732277	Tceal3
ENSMUSG00000055675	0.449886104	-1.152368289	9.69E-12	1.28E-10	710.113565	573.701456	636.064235	289.8633178	252.7918183	321.4922084	Kbtbd11
ENSMUSG00000035439	2.001392749	1.001004306	9.78E-12	1.29E-10	447.40741	560.930705	529.225321	941.58215	1087.770855	1045.591582	Haus8
ENSMUSG00000017754	0.462657787	-1.111982623	1.04E-11	1.36E-10	2412.77223	2272.21142	1764.0844	1077.041151	902.00717	1006.023311	Pltp
ENSMUSG00000015243	0.302830143	-1.72341928	1.04E-11	1.37E-10	4786.0937	2836.08922	2679.66905	1249.443517	952.7570426	917.9839059	Abca1
ENSMUSG00000033526	2.04346603	1.031018261	1.04E-11	1.37E-10	610.590073	550.124684	455.928856	1159.453271	1090.643489	1059.440478	Ppip5k1
ENSMUSG00000031112	2.903071633	1.537580171	1.05E-11	1.38E-10	81.5913314	80.5539716	103.111976	295.5469123	237.4711021	233.4528037	Stk26
ENSMUSG00000022667	0.125695721	-2.991992552	1.07E-11	1.41E-10	74.4184671	143.425364	120.504357	9.472657445	18.19335056	14.83810193	Cd200r1
ENSMUSG00000040528	0.170103407	-2.555516059	1.09E-11	1.43E-10	101.316708	175.843426	142.86599	28.41797233	16.27826103	26.70858347	Milr1
ENSMUSG00000071715	0.174305186	-2.520312599	1.10E-11	1.44E-10	238.497738	386.069644	327.970621	85.253917	46.91969356	33.63303103	Ncf4
ENSMUSG00000023150	0.491375487	-1.025102208	1.10E-11	1.44E-10	2610.9226	2419.56625	1987.70073	1057.148571	1255.341189	1137.587814	Ivns1abp
ENSMUSG00000031165	0.243761597	-2.036457236	1.12E-11	1.47E-10	193.667336	257.379763	207.466264	71.99219658	49.79232786	38.57906501	Was
ENSMUSG00000019230	0.137578339	-2.861674751	1.13E-11	1.48E-10	148.836934	82.5187026	105.596602	11.36718893	14.3631715	20.7733427	Lhx9
ENSMUSG00000068245	0.389162759	-1.361554437	1.18E-11	1.54E-10	552.310551	739.721227	525.498382	217.8711212	265.2399003	224.5499425	Phf11d
ENSMUSG00000042363	2.146993606	1.102317895	1.19E-11	1.55E-10	1888.25653	1526.596	1477.11011	2970.625375	3797.622544	3739.201686	Lgalsl
ENSMUSG00000026413	0.015809204	-5.983091459	1.20E-11	1.56E-10	63.6591706	53.0477374	127.958235	1.894531489	0.957544766	0.989206795	Pkp1
ENSMUSG00000064043	0.397560217	-1.3307547	1.23E-11	1.59E-10	551.413943	632.643387	745.387776	222.6074499	244.1739154	299.7296589	Trerf1
ENSMUSG00000068263	0.247907727	-2.012124855	1.23E-11	1.60E-10	159.596231	128.689881	122.988983	40.73242701	28.72634299	32.64382424	Efcc1

ENSMUSG00000009376	0.414557491	-1.270355904	1.26E-11	1.63E-10	554.103767	681.761662	540.406137	287.0215206	228.8531992	220.5931153	Met
ENSMUSG00000032261	4.346464671	2.119842418	1.29E-11	1.67E-10	284.224748	240.679549	263.370347	782.4415049	1766.670094	877.4264273	Sh3bgrl2
ENSMUSG00000025492	0.462992927	-1.110937942	1.33E-11	1.72E-10	5480.96493	7766.5817	7200.44591	2886.318723	3408.859369	3171.396985	Ifitm3
ENSMUSG00000000197	3.333729387	1.737136999	1.36E-11	1.76E-10	283.32814	156.196116	167.712249	636.5625803	646.3427173	746.8511303	Nalcn
ENSMUSG00000036304	17.82402428	4.155751198	1.40E-11	1.81E-10	4.48304019	4.91182754	2.48462592	47.36328722	98.62711094	70.23368245	Zdhhc23
ENSMUSG00000029314	0.291388209	-1.778985593	1.43E-11	1.85E-10	348.780526	279.97417	473.321237	110.8300921	119.6930958	90.01781836	Gpat3
ENSMUSG00000040138	7.004359945	2.808253224	1.43E-11	1.85E-10	8.96608037	11.7883861	11.1808166	83.35938551	69.90076795	69.24447566	Ndp
ENSMUSG00000027639	0.381605242	-1.389847107	1.44E-11	1.85E-10	2882.59484	4821.44991	4279.76814	1596.142779	1592.396947	1383.900306	Samhd1
ENSMUSG00000054000	2.105539504	1.074189944	1.44E-11	1.86E-10	182.90804	198.437833	193.800822	377.0117663	438.555503	394.6935113	Tusc1
ENSMUSG00000022061	11.18342507	3.483290194	1.46E-11	1.87E-10	2.68982411	8.84128957	12.4231296	93.7793087	92.88184235	72.21209604	Nkx3-1
ENSMUSG00000025269	2.948626721	1.560043197	1.46E-11	1.87E-10	153.319974	127.707516	118.019731	309.7558984	464.4092117	405.574786	Apex2
ENSMUSG00000021047	0.321998936	-1.634872175	1.52E-11	1.95E-10	336.228014	370.351796	482.017428	126.9336098	153.2071626	101.8882999	Nova1
ENSMUSG00000029915	0.134492402	-2.894403422	1.55E-11	1.99E-10	114.765829	280.956535	155.28912	24.62890936	30.64143253	18.79492911	Clec5a
ENSMUSG00000058163	0.094931247	-3.396973157	1.57E-11	2.01E-10	68.1422108	136.548806	69.5695257	7.578125956	8.617902898	9.892067951	Gm5431
ENSMUSG00000052572	4.406315295	2.139572731	1.67E-11	2.14E-10	48.416834	27.5062342	42.2386406	172.4023655	205.8721248	142.4457785	Dlg2
ENSMUSG00000006403	0.220058486	-2.184041088	1.70E-11	2.17E-10	227.738441	128.689881	187.589257	33.15430106	41.17442496	45.50351258	Adamts4
ENSMUSG00000039208	0.352376443	-1.504810614	1.74E-11	2.22E-10	653.627259	915.564653	1047.26982	265.2344084	353.3340188	302.6972793	Metrnl
ENSMUSG00000025461	0.128931531	-2.955322963	1.76E-11	2.24E-10	77.1082912	107.07784	77.0234035	16.10351766	7.660358132	9.892067951	Cd163l1
ENSMUSG00000030852	2.785912796	1.4781501	1.81E-11	2.30E-10	1211.31746	2247.65228	1663.45705	4811.162716	4720.695699	4737.311342	Tacc2
ENSMUSG00000088789	53.34969961	5.737408243	1.89E-11	2.40E-10	1.79321607	0	3.72693888	45.46875573	90.96675281	141.4565717	Scarna13
ENSMUSG00000040033	0.395947148	-1.336620226	1.93E-11	2.46E-10	1318.01381	2097.35036	1740.48046	618.5645311	744.9698283	677.6066547	Stat2
ENSMUSG00000071203	0.243304635	-2.039164291	1.95E-11	2.49E-10	228.635049	287.833094	183.862318	71.04493083	41.17442496	58.36320091	Naip5
ENSMUSG00000039982	0.341316909	-1.550816208	1.98E-11	2.52E-10	814.120098	972.541852	1249.76684	272.8125344	346.6312055	416.4560608	Dtx4
ENSMUSG00000074785	0.290639516	-1.782697228	2.00E-11	2.53E-10	222.358793	236.750087	178.893066	76.7285253	59.36777552	49.46033976	Plxnc1
ENSMUSG00000002297	0.289243788	-1.789642119	2.00E-11	2.54E-10	151.526758	199.420198	203.739325	44.52148999	61.28286505	54.40637373	Dbf4
ENSMUSG00000046546	0.467450044	-1.097115901	2.06E-11	2.61E-10	1110.89736	1168.03259	1442.32535	520.0488937	642.5125383	575.7183548	Fam43a
ENSMUSG00000023055	2.023058852	1.016538289	2.09E-11	2.65E-10	1633.61984	1373.34698	1169.01649	2927.05115	2774.964733	2752.962511	Calcoco1
ENSMUSG00000035310	4.74924277	2.247697505	2.14E-11	2.71E-10	201.736808	212.19095	163.985311	477.4219352	1240.978017	1028.775067	Lin54
ENSMUSG00000074415	2.227718808	1.155567141	2.16E-11	2.72E-10	1995.84949	1448.98912	1361.575	3538.037556	3445.24607	3730.298824	2610203C20Rik
ENSMUSG00000026630	0.142652241	-2.809425679	2.17E-11	2.74E-10	82.4879394	160.125578	135.412113	23.68164361	17.2358058	12.85968834	Batf3
ENSMUSG00000023885	0.291838746	-1.776756661	2.31E-11	2.91E-10	6029.68905	2841.98341	5545.68505	1388.691581	1330.029681	1488.756227	Thbs2
ENSMUSG00000055782	0.282167819	-1.825374638	2.38E-11	2.99E-10	1251.66482	728.915207	773.960974	221.6601842	329.3953997	226.5283561	Abcd2
ENSMUSG00000096370	5.688783853	2.508120267	2.42E-11	3.04E-10	52.0032661	47.1535444	53.4194572	151.5625191	334.1831235	381.8338229	Gm21992
ENSMUSG00000070880	34.76070639	5.119385495	2.48E-11	3.11E-10	0.89660804	3.92946203	11.1808166	80.51758828	336.098213	115.737195	Gad1
ENSMUSG00000025255	0.378961571	-1.399876535	2.51E-11	3.15E-10	1149.4515	724.985745	976.457986	399.7461442	324.6076758	356.1144462	Zfhx4
ENSMUSG00000079298	0.050709454	-4.301601447	2.52E-11	3.16E-10	55.5896983	115.91913	94.4157849	8.5253917	0.957544766	3.956827181	Klrb1b
ENSMUSG00000020889	2.643209854	1.40229097	2.55E-11	3.20E-10	1834.46004	2182.81616	3013.85124	5410.781932	7121.260428	6045.042725	Nr1d1
ENSMUSG00000090942	0.115127245	-3.11869881	2.71E-11	3.40E-10	151.526758	357.581045	141.623677	27.47070659	31.59897729	15.82730872	F830016B08Rik
ENSMUSG00000041731	2.123204035	1.086243018	2.72E-11	3.40E-10	2755.2765	2376.34216	1895.76958	5315.108092	4714.95043	4897.562843	Pgm5
ENSMUSG00000026956	0.436276272	-1.196686085	2.74E-11	3.42E-10	800.670977	900.82917	1119.32398	365.6445774	438.555503	425.3589219	Uap1l1
ENSMUSG00000030043	0.087782655	-3.509920289	2.80E-11	3.50E-10	53.7964822	58.9419305	74.5387776	3.789062978	7.660358132	4.946033976	Tacr1
ENSMUSG00000067212	0.400009911	-1.321892348	2.83E-11	3.53E-10	2584.92097	4186.84179	3104.54009	1191.660307	1373.119195	1385.87872	H2-T23
ENSMUSG00000010529	0.115232673	-3.117378265	2.94E-11	3.66E-10	100.4201	120.830957	204.981638	25.5761751	12.44808196	10.88127475	Gm266
ENSMUSG00000024989	0.131457736	-2.92732905	3.00E-11	3.73E-10	86.0743716	100.201282	70.8118387	6.630860211	11.4905372	15.82730872	Cep55
ENSMUSG00000059461	36.89920835	5.205517959	3.08E-11	3.82E-10	2.68982411	2.94709652	2.48462592	32.20703531	132.1411778	136.5105377	Gm7331
ENSMUSG00000020926	3.516290193	1.814054138	3.10E-11	3.85E-10	253.740074	141.460633	183.862318	543.7305373	645.3851726	849.728637	Adam11
ENSMUSG00000027966	0.030958248	-5.013532381	3.22E-11	3.99E-10	2169.79145	432.240823	744.145463	47.36328722	35.42915636	20.7733427	Col11a1
ENSMUSG00000043342	0.331645169	-1.592287583	3.24E-11	4.02E-10	192.770728	278.009439	250.947218	75.78125956	87.13657375	76.16892323	Hoxd9
ENSMUSG00000010142	0.232841591	-2.102579314	3.34E-11	4.14E-10	122.835301	191.561274	182.620005	47.36328722	34.47161159	33.63303103	Tnfrsf13b
ENSMUSG00000038894	2.274607672	1.185617728	3.36E-11	4.16E-10	587.278264	428.311361	637.306548	1187.871244	1268.746816	1299.817729	Irs2
ENSMUSG00000052957	0.476548337	-1.06930554	3.36E-11	4.16E-10	4327.03039	3139.64016	4318.27985	1764.756082	1883.490556	1967.532316	Gas1
ENSMUSG00000035021	0.297668139	-1.748223285	3.40E-11	4.20E-10	709.216957	1114.00249	1393.87514	331.5430106	354.2915636	271.0426619	Baz1a
ENSMUSG00000034205	0.35481891	-1.494845196	3.48E-11	4.30E-10	2371.52826	2245.68755	3812.65847	897.06066	1050.426609	1042.623962	Loxl2
ENSMUSG00000027800	2.059056	1.041983067	3.70E-11	4.55E-10	4986.9339	4408.8564	4348.09536	8125.645556	8892.718246	11283.88191	Tm4sf1
ENSMUSG00000025352	0.285619436	-1.807833941	3.75E-11	4.61E-10	196.35716	279.97417	318.032118	88.09571424	65.11304412	73.20130284	Gdf11
ENSMUSG00000028436	3.010651686	1.590075807	3.90E-11	4.79E-10	1089.37877	1254.48075	1359.09038	4613.184176	4084.885974	2447.297611	Dcaf12
ENSMUSG00000034354	2.123568057	1.086490346	4.10E-11	5.03E-10	1650.6554	1381.2059	1248.52452	2600.244469	3369.600033	3124.904266	Mtmr3
ENSMUSG00000025324	2.329466976	1.219999878	4.11E-11	5.04E-10	802.464193	622.819732	536.679198	1646.347864	1558.88288	1371.040618	Atp10a
ENSMUSG00000079523	0.321065653	-1.639059758	4.14E-11	5.07E-10	4523.38755	6855.92888	9270.1393	2008.203378	2387.159103	2233.628943	Tmsb10
ENSMUSG00000089809	0.2793776	-1.839711743	4.14E-11	5.07E-10	201.736808	246.573742	262.128034	88.09571424	52.66496215	57.37399412	Rasgef1b
ENSMUSG00000027221	0.315390776	-1.664787628	4.21E-11	5.15E-10	579.208792	438.135016	785.14179	172.4023655	215.4475724	180.0356367	Chst1
ENSMUSG00000031380	2.020438589	1.014668502	4.32E-11	5.28E-10	488.65138	417.505341	500.652123	845.9083098	1055.214333	939.7464554	Vegfd
ENSMUSG00000079560	2.758868897	1.464076901	4.42E-11	5.39E-10	242.08417	186.649446	147.835242	584.4629643	534.3099797	477.786882	Hoxa3
ENSMUSG00000028664	0.352853564	-1.502858512	4.60E-11	5.60E-10	469.822611	320.251155	419.90178	133.56447	126.3959092	167.1759484	Ephb2
ENSMUSG00000036019	2.507526584	1.326264996	4.75E-11	5.79E-10	381.058416	291.762556	264.61266	672.5586786	793.8046114	889.2969088	Tmtc2
ENSMUSG00000024379	0.167095805	-2.581252578	4.87E-11	5.92E-10	67.2456028	93.3247232	105.596602	16.10351766	14.3631715	13.84889513	Tslp
ENSMUSG00000034641	0.276118817	-1.856638884	4.87E-11	5.92E-10	349.677134	601.207691	582.644778	169.5605683	144.5892597	108.8127475	Cd300ld
ENSMUSG00000053641	2.865533245	1.518803634	4.89E-11	5.94E-10	1446.22876	1080.60206	1130.50479	2436.367495	3875.18367	4171.485055	Dennd4a
ENSMUSG00000039137	3.482384829	1.80007564	4.91E-11	5.95E-10	126.421733	67.78322	81.9926553	311.6504299	298.7539671	355.1252395	Whrn
ENSMUSG00000002227	0.416547912	-1.26344565	5.02E-11	6.08E-10	362.229647	449.923402	395.055521	176.1914285	141.7166254	184.9816707	Mov10
ENSMUSG00000022587	0.408814757	-1.290480821	5.03E-11	6.09E-10	7774.48829	12679.3916	12148.5784	4458.779859	4411.408739	4457.365819	Ly6e
ENSMUSG00000026249	2.037845992	1.027045025	5.04E-11	6.10E-10	7435.57045	5737.99693	8088.69968	15217.82418	13452.54642	14655.09867	Serpine2
ENSMUSG00000055632	0.38427135	-1.379802678	5.05E-11	6.10E-10	3200.89069	2069.84412	2033.66631	849.6973728	942.2240502	1015.915379	Hmcn2
ENSMUSG00000030147	0.094864243	-3.39799179	5.06E-11	6.11E-10	56.4863063	114.936764	83.2349683	4.736328722	10.53299243	8.902861156	Clec4b1
ENSMUSG00000039942	0.436367603	-1.196384098	5.09E-11	6.14E-10	379.2652	441.082113	414.932528	204.6094008	154.1647074	180.0356367	Ptger4
ENSMUSG00000057729	0.122935241	-3.024029552	5.14E-11	6.20E-10	75.3150751	58.9419305	69.5695257	6.630860211	11.4905372	6.924447566	Prtn3
ENSMUSG00000018927	0.299625285	-1.738768719	5.20E-11	6.26E-10	1478.50665	2726.06428	2593.94946	785.2833022	723.9038434	527.2472218	Ccl6
ENSMUSG00000037032	2.299386449	1.201248954	5.35E-11	6.43E-10	598.934169	496.094581	412.447902	1301.543133	1105.00666	1065.375718	Apbb1
ENSMUSG00000085162	5.462203587	2.449483087	5.38E-11	6.46E-10	13.4491206	28.4885997	22.3616333	101.3574347	134.0562673	113.7587814	Gm12295
ENSMUSG00000024079	0.435968616	-1.197703813	5.50E-11	6.59E-10	966.543464	1329.14053	1418.7214	504.8926418	548.6731512	564.83708	Eif2ak2
ENSMUSG00000043613	0.409367036	-1.28853316	5.50E-11	6.59E-10	1880.18705	1982.41359	2808.8696	826.0157292	873.280827	1030.753481	Mmp3
ENSMUSG00000033688	64.35115225	6.007894076	5.57E-11	6.67E-10	0.89660804	1.96473102	1.24231296	147.7734561	70.85831272	44.51430578	1300017J02Rik
ENSMUSG00000015568	0.337019051	-1.569097949	5.58E-11	6.68E-10	18928.2923	18143.3086	30872.7193	7526.973605	9057.415946	6313.117767	Lpl
ENSMUSG00000037124	313.0169236	8.29009685	5.58E-11	6.68E-10	0	0	0	71.99219658	56.49514122	49.46033976	Trim58

ENSMUSG00000018417	0.450917582	-1.14906433	5.68E-11	6.78E-10	910.953766	639.519945	786.384103	355.2246542	347.5887502	351.1684123	Myo1b
ENSMUSG00000074896	0.188006595	-2.411144827	5.69E-11	6.79E-10	1041.85854	2796.7946	2759.17708	418.6914591	526.6496215	294.7836249	Ifit3
ENSMUSG00000000275	0.364679155	-1.455300355	5.76E-11	6.87E-10	1187.10904	1667.07427	2013.78931	677.2950073	571.6542256	525.2688082	Trim25
ENSMUSG00000029771	0.189415873	-2.400370865	5.76E-11	6.87E-10	427.682034	858.587454	847.257438	197.9785406	117.7780063	88.03940477	Irf5
ENSMUSG00000074227	2.013011075	1.009355109	5.77E-11	6.87E-10	902.884293	1103.19646	1238.58602	2123.769799	2065.424061	2336.50645	Spint2
ENSMUSG00000027381	0.354018035	-1.498105238	5.95E-11	7.07E-10	503.893717	428.311361	455.928856	214.0820582	141.7166254	135.5213309	Bcl2l11
ENSMUSG00000020486	0.461578812	-1.115351095	6.21E-11	7.37E-10	504.790325	490.200388	550.344641	202.7148693	240.3437364	270.0534551	4-Sep
ENSMUSG00000036036	0.485235593	-1.043242717	6.44E-11	7.64E-10	494.031028	416.522975	432.32491	221.6601842	202.9994905	227.5175629	Zfp57
ENSMUSG00000052629	3.206836248	1.681150687	6.61E-11	7.83E-10	43.0371858	56.9771994	57.1463961	175.2441627	147.461894	179.0464299	Gm9885
ENSMUSG00000010476	0.40789018	-1.29374732	6.74E-11	7.97E-10	619.556154	447.958671	448.474978	197.9785406	218.3202067	202.787393	Ebf3
ENSMUSG00000019256	0.358975156	-1.478044095	6.81E-11	8.05E-10	528.998742	461.711789	359.028445	167.6660368	183.8485952	133.5429173	Ahr
ENSMUSG00000020124	2.755997336	1.462574493	6.88E-11	8.13E-10	899.297861	994.153894	663.39512	1949.472902	2977.006679	2124.816196	Usp15
ENSMUSG00000087142	3.643673402	1.86539365	6.94E-11	8.19E-10	35.8643215	34.3827928	29.815511	115.5664208	136.9289016	113.7587814	Gm12454
ENSMUSG00000054556	3.440331894	1.782547751	6.94E-11	8.19E-10	45.7270099	39.2946203	47.2078925	137.3535329	137.8864464	179.0464299	Gm4876
ENSMUSG00000022425	0.403055552	-1.3109494	7.03E-11	8.29E-10	1249.8716	860.552185	865.892133	401.6406757	437.5979583	361.0604802	Enpp2
ENSMUSG00000008845	0.441277684	-1.180241306	7.26E-11	8.55E-10	563.966455	556.018877	422.386406	220.7129185	240.3437364	220.5931153	Cd163
ENSMUSG00000066278	2.654183433	1.40826808	7.29E-11	8.59E-10	199.046984	167.984502	124.231296	402.5879414	441.4281373	465.9164005	Vps37b
ENSMUSG00000038151	0.124827024	-3.001997793	7.53E-11	8.86E-10	71.728643	112.972033	131.685174	16.10351766	16.27826103	6.924447566	Prdm1
ENSMUSG00000028035	2.698729934	1.432280612	7.67E-11	9.02E-10	2342.8368	1996.16671	1654.76086	4116.816925	5228.194425	6835.418954	Dnajb4
ENSMUSG00000043629	0.316149777	-1.661319892	7.85E-11	9.22E-10	230.428266	287.833094	350.332254	74.83399381	105.3299243	93.97464554	1700019D03Rik
ENSMUSG00000035112	3.305407647	1.724828206	8.18E-11	9.58E-10	36.7609295	53.0477374	48.4502054	143.0371274	160.8675208	151.3486397	Wnk4
ENSMUSG00000039745	0.392475834	-1.349324269	8.20E-11	9.60E-10	396.300752	501.006409	595.067907	178.08596	202.0419457	204.7658066	Htatip2
ENSMUSG00000041836	0.247152532	-2.016526406	8.46E-11	9.90E-10	466.236179	726.950476	663.39512	204.6094008	159.909976	93.97464554	Ptpre
ENSMUSG00000028461	2.118457161	1.083013955	8.47E-11	9.91E-10	536.171606	649.3436	726.753081	1191.660307	1388.439911	1466.00447	Ccdc107
ENSMUSG00000001123	0.449907654	-1.152299183	8.76E-11	1.02E-09	1224.76658	1286.89881	977.700299	587.3047616	539.0977035	444.153851	Lgals9
ENSMUSG00000025479	0.241163368	-2.051917311	8.76E-11	1.02E-09	12864.5321	6202.65581	9306.16638	2886.318723	2531.748362	1424.457785	Cyp2e1
ENSMUSG00000078640	2.448985844	1.292184434	8.83E-11	1.03E-09	122.835301	112.972033	95.6580979	295.5469123	265.2399003	254.2261463	Gm11627
ENSMUSG00000053647	0.290251485	-1.784624645	8.99E-11	1.05E-09	151.526758	136.548806	126.715922	44.52148999	32.55652206	43.52509899	Gper1
ENSMUSG00000044703	0.037621241	-4.732308759	9.06E-11	1.05E-09	38.5541456	82.5187026	58.3887091	2.841797233	1.915089533	1.97841359	Phf11a
ENSMUSG00000057123	0.466623965	-1.099667692	9.29E-11	1.08E-09	1638.99949	2060.02047	1606.31066	706.6602454	840.7243049	928.8651806	Gja5
ENSMUSG00000037872	0.373480029	-1.420896996	9.58E-11	1.11E-09	304.846733	399.822762	396.297834	118.4082181	162.7826103	129.5860902	Ackr1
ENSMUSG00000101389	0.131663752	-2.925069874	9.61E-11	1.12E-09	260.016331	247.556108	311.820553	17.99804914	66.07058888	23.74096308	Ms4a4a
ENSMUSG00000027359	22.06913136	4.463957941	9.72E-11	1.13E-09	10.7592964	12.7707516	4.96925184	446.1621656	89.05166328	100.8990931	Slc27a2
ENSMUSG00000041707	0.108284501	-3.207101337	9.85E-11	1.14E-09	52.8998742	59.924296	74.5387776	6.630860211	8.617902898	4.946033976	1810011H11Rik
ENSMUSG00000040624	0.390140152	-1.357935611	1.02E-10	1.18E-09	592.657912	444.029209	437.294162	184.7168202	168.5278789	222.5715289	Plekhg1
ENSMUSG00000069306	369.3240739	8.528743495	1.03E-10	1.19E-09	0	0	0	76.7285253	99.58465571	33.63303103	Hist1h4m
ENSMUSG00000048865	0.220835402	-2.178956625	1.04E-10	1.20E-09	615.969721	978.436046	771.476348	269.9707372	117.7780063	134.5321241	Arhgap30
ENSMUSG00000094403	82.53166924	6.366875915	1.05E-10	1.22E-09	0	1.96473102	1.24231296	46.41602148	126.3959092	82.104164	Mir692-2
ENSMUSG00000026548	0.295009731	-1.761165551	1.06E-10	1.23E-09	304.846733	579.595649	464.625047	124.0918125	127.3534539	146.4026057	Slamf9
ENSMUSG00000022105	2.401904715	1.264178919	1.10E-10	1.27E-09	785.42864	641.484676	562.767771	1286.386881	1805.92943	1691.54362	Rb1
ENSMUSG00000015950	0.176977392	-2.498363017	1.11E-10	1.28E-09	641.971355	1264.30441	941.673223	268.0762057	140.7590807	94.96385233	Ncf1
ENSMUSG00000032369	0.390254912	-1.357511304	1.16E-10	1.33E-09	275.258667	295.692018	242.251027	118.4082181	110.1176481	89.02861156	Plscr1
ENSMUSG00000027316	2.68749425	1.426261668	1.16E-10	1.33E-09	105.799748	114.936764	139.139051	280.3906604	303.541691	379.8554093	Gfra4
ENSMUSG00000026042	0.402037594	-1.314597683	1.18E-10	1.35E-09	20162.9215	11888.5874	13764.8276	5856.944098	6289.154026	6274.538702	Col5a2
ENSMUSG00000059288	2.955171361	1.56324179	1.21E-10	1.39E-09	320.985677	294.709652	377.66314	674.4532101	1189.2706	1069.332546	Cdyl
ENSMUSG00000029438	2.403978787	1.265424166	1.22E-10	1.40E-09	387.334672	264.256322	269.581912	781.4942392	745.9273731	691.4555498	Bcl7a
ENSMUSG00000036995	0.449934836	-1.152212025	1.25E-10	1.43E-09	1078.61947	811.433909	798.807233	379.8535635	385.8905409	445.1430578	Asap3
ENSMUSG00000037649	0.217581384	-2.200372969	1.26E-10	1.45E-09	416.922737	976.471315	691.968318	195.1367434	111.0751929	147.3918125	H2-DMa
ENSMUSG00000049580	0.443805544	-1.172000404	1.29E-10	1.47E-09	541.551254	476.447271	643.518113	268.0762057	223.1079306	245.3232852	Tsku
ENSMUSG00000024673	23.79046283	4.572311434	1.36E-10	1.56E-09	8.96608037	8.84128957	8.69619071	438.5840397	51.70741739	140.4673649	Ms4a1
ENSMUSG00000020589	0.483032396	-1.049808144	1.41E-10	1.61E-09	476.098868	456.799961	382.632391	209.3457295	214.4900277	212.679461	Fam49a
ENSMUSG00000035835	0.371240573	-1.429573704	1.44E-10	1.64E-09	271.672235	244.609011	196.285448	86.20118275	91.92429758	87.05019797	Plppr3
ENSMUSG00000039798	3.916878087	1.969704225	1.46E-10	1.67E-09	39.4507536	36.3475238	38.5117017	135.4590015	190.5514085	121.6724358	2600006K01Rik
ENSMUSG00000084796	0.129419276	-2.949875584	1.53E-10	1.74E-09	76.2116831	216.120412	162.742998	21.78711212	16.27826103	20.7733427	Mir142hg
ENSMUSG00000022906	0.497610842	-1.006910175	1.61E-10	1.82E-09	915.436806	1211.25667	1007.51581	507.734439	495.0506443	556.9234257	Parp9
ENSMUSG00000031897	0.332287999	-1.589493905	1.70E-10	1.92E-09	823.982786	1446.04203	1309.39786	330.5957448	390.6782647	467.8948141	Psmb10
ENSMUSG00000044734	0.352944151	-1.502488183	1.76E-10	1.99E-09	437.544722	521.636085	311.820553	151.5625191	152.2496179	145.4133989	Serpinb1a
ENSMUSG00000053519	4.290899816	2.101280217	1.77E-10	2.00E-09	19.7253768	20.6296757	27.3308851	91.88477721	92.88184235	102.8775067	Kcnip1
ENSMUSG00000087484	3.176640819	1.667501974	1.77E-10	2.01E-09	95.0404519	61.889027	79.5080294	300.283241	222.1503858	229.4959765	2900089D17Rik
ENSMUSG00000024486	2.204571334	1.140498159	1.90E-10	2.14E-09	416.922737	486.270926	555.313893	933.0567583	1237.147838	1040.645548	Hbegf
ENSMUSG00000029082	0.254914372	-1.971915379	1.96E-10	2.21E-09	272.568843	458.764692	327.970621	105.1464976	104.3723795	60.3416145	Bst1
ENSMUSG00000029695	7.296239423	2.867153072	1.97E-10	2.22E-09	16.1389447	14.7354826	22.3616333	194.1894776	86.17902898	104.8559203	Aass
ENSMUSG00000030157	0.420814835	-1.24874253	2.02E-10	2.28E-09	1901.70565	2713.29353	3084.66308	1012.627081	1115.539653	1110.879231	Clec2d
ENSMUSG00000037443	0.45785694	-1.127031206	2.03E-10	2.28E-09	1254.35464	1709.31598	1314.36711	602.4610135	741.1396492	615.2866266	Cep85
ENSMUSG00000028337	0.21399114	-2.224377029	2.13E-10	2.40E-09	204.426632	323.198252	262.128034	70.09766509	67.02813365	31.65461744	Coro2a
ENSMUSG00000073640	37.03305973	5.210741847	2.18E-10	2.45E-09	0.89660804	2.94709652	1.24231296	48.31055297	47.87723832	92.98543874	Rpl27-ps3
ENSMUSG00000027200	0.437992449	-1.191022096	2.19E-10	2.46E-09	1039.16871	736.774131	735.449272	371.3281718	374.4000037	355.1252395	Sema6d
ENSMUSG00000025584	0.428521039	-1.222562058	2.22E-10	2.49E-09	738.805023	517.706622	628.610357	248.183625	299.7115119	260.1613871	Pde8a
ENSMUSG00000026556	0.334871396	-1.578320944	2.23E-10	2.50E-09	173.045351	201.384929	223.616333	53.99414743	70.85831272	75.17971643	Vangl2
ENSMUSG00000101174	0.37938189	-1.398277283	2.28E-10	2.55E-09	283.32814	255.415032	239.766401	82.41211977	95.75447664	117.7156086	Hoxd4
ENSMUSG00000097084	4.627245845	2.210153751	2.32E-10	2.59E-09	26.0016331	36.3475238	40.9963277	152.5097849	116.8204615	205.7550134	Foxl1
ENSMUSG00000054675	0.463949627	-1.10795992	2.35E-10	2.63E-09	1458.78128	1275.11043	1673.39556	606.2500765	636.7672697	801.2575041	Tmem119
ENSMUSG00000103529	309.593803	8.274232784	2.39E-10	2.67E-09	0	0	0	47.36328722	88.09411851	40.5574786	A730089K16Rik
ENSMUSG00000079669	2.528933197	1.338528928	2.53E-10	2.81E-09	81.5913314	91.3599922	96.9004108	199.8730721	240.3437364	240.3772512	Gm17396
ENSMUSG00000045404	0.075087605	-3.735281418	2.57E-10	2.86E-09	70.8320349	66.8008545	105.596602	8.5253917	8.617902898	0.989206795	Kcnk13
ENSMUSG00000049929	0.258860539	-1.949753038	2.59E-10	2.87E-09	280.638316	338.9161	526.740695	107.9882949	113.9478272	74.19050963	Lpar4
ENSMUSG00000027864	0.464202828	-1.107172784	2.62E-10	2.91E-09	3934.31607	2662.21053	3638.73466	1459.736512	1663.255259	1628.234385	Ptgfrn
ENSMUSG00000039157	0.486580724	-1.039248925	2.65E-10	2.93E-09	626.729018	633.625752	619.914167	347.6465282	254.7069079	312.5893473	Fam102a
ENSMUSG00000064945	360.7491735	8.494852279	2.67E-10	2.96E-09	0	0	1.24231296	75.78125956	261.4097212	62.32002809	Rny3
ENSMUSG00000046694	2.30628153	1.205568635	2.69E-10	2.98E-09	407.060049	374.281258	427.355658	719.9219658	1010.209729	1056.472857	Fam46b
ENSMUSG00000009585	0.424271501	-1.236940323	2.75E-10	3.04E-09	999.717961	1207.32721	1003.78887	564.5703837	377.272638	420.4128879	Apobec3
ENSMUSG00000029674	0.467266541	-1.09768236	2.90E-10	3.20E-09	305.743341	305.515673	309.335927	130.7226727	159.909976	139.4781581	Limk1
ENSMUSG00000018659	3.196896044	1.676671832	2.93E-10	3.23E-09	214.289321	286.850728	283.247355	610.0391394	1137.563183	757.7324051	Pnpo
ENSMUSG00000097993	0.086984124	-3.523104076	2.93E-10	3.23E-09	174.838567	70.7303165	96.9004108	16.10351766	4.787723832	8.902861156	Ptprv

ENSMUSG00000040111	0.392820236	-1.348058844	2.99E-10	3.30E-09	470.719219	359.545776	342.878377	131.6699385	164.6976998	165.1975348	Gramd1b
ENSMUSG00000048327	0.289586453	-1.787933981	3.13E-10	3.44E-09	117.455653	144.40773	124.231296	34.1015668	44.04705926	33.63303103	Ckap2l
ENSMUSG00000026890	0.460102003	-1.119974357	3.20E-10	3.52E-09	346.98731	446.976306	382.632391	173.3496312	179.0608713	188.9384979	Lhx6
ENSMUSG00000027544	0.385845098	-1.373906319	3.26E-10	3.58E-09	407.956657	490.200388	621.15648	176.1914285	221.192841	187.9492911	Nfatc2
ENSMUSG00000033386	0.360559396	-1.471691158	3.29E-10	3.61E-09	490.444596	688.638221	864.64982	233.0273731	254.7069079	248.2909056	Frrs1
ENSMUSG00000026770	0.11127345	-3.167818689	3.42E-10	3.75E-09	51.1066581	67.78322	80.7503423	6.630860211	10.53299243	4.946033976	Il2ra
ENSMUSG00000030102	2.180584072	1.124714614	3.44E-10	3.77E-09	4015.9074	3049.26254	2567.86089	7072.286048	6749.733059	7190.544194	Itpr1
ENSMUSG00000070056	2.033600392	1.024036213	3.48E-10	3.81E-09	685.00854	725.96811	946.642475	1605.615437	1495.684925	1686.597586	Mfhas1
ENSMUSG00000035711	0.354767892	-1.495052649	3.51E-10	3.84E-09	260.912939	391.963838	352.81688	137.3535329	106.2874691	112.7695746	Dok3
ENSMUSG00000026579	23.89602873	4.578698972	3.65E-10	3.99E-09	54.6930903	40.2769858	37.2693888	2070.722917	754.545276	338.3087239	F5
ENSMUSG00000034738	0.375085758	-1.414707611	3.68E-10	4.01E-09	199.046984	173.878695	166.469937	65.36133637	64.15549935	73.20130284	Nostrin
ENSMUSG00000037762	0.482303963	-1.051985431	3.68E-10	4.01E-09	317.399245	296.674383	290.701232	143.0371274	154.1647074	139.4781581	Slc16a9
ENSMUSG00000035131	0.011541504	-6.437024945	3.69E-10	4.02E-09	138.077638	54.0301029	57.1463961	2.841797233	0	0	Brinp3
ENSMUSG00000029335	3.772832342	1.915647991	3.69E-10	4.02E-09	108.489572	126.72515	69.5695257	413.0078646	467.281846	274.0102823	Bmp3
ENSMUSG00000085271	8.985202775	3.167551062	3.84E-10	4.18E-09	8.96608037	6.87655855	3.72693888	53.99414743	59.36777552	67.26606207	E130006D01Rik
ENSMUSG00000036437	2.23605328	1.160954565	4.15E-10	4.50E-09	1789.62964	1316.36978	1249.76684	2773.5941	3459.609241	3511.684123	Npy1r
ENSMUSG00000009772	0.239302508	-2.06309258	4.19E-10	4.54E-09	134.491206	232.820625	229.827897	56.83594467	37.34424589	48.47113296	Nuak2
ENSMUSG00000024043	0.332508199	-1.588538178	4.22E-10	4.57E-09	251.05025	185.667081	195.043135	75.78125956	57.45268599	77.15813002	Arhgap28
ENSMUSG00000032507	2.765204167	1.467386005	4.35E-10	4.71E-09	207.116457	142.442999	125.473609	396.9043469	478.7723832	443.1646442	Fbxl2
ENSMUSG00000029560	0.39475623	-1.34096606	4.38E-10	4.74E-09	615.969721	752.491979	941.673223	301.2305067	349.5038398	260.1613871	Snx8
ENSMUSG00000038486	2.82262706	1.497038525	4.45E-10	4.81E-09	145.250502	88.4128957	99.3850367	301.2305067	320.7774968	321.4922084	Sv2a
ENSMUSG00000028064	0.328817464	-1.604641172	4.57E-10	4.93E-09	436.648114	699.444241	527.983008	220.7129185	185.7636847	140.4673649	Sema4a
ENSMUSG00000083646	222.760664	7.799350688	4.57E-10	4.93E-09	0	0.98236551	0	61.57227339	82.34884991	102.8775067	Gm6088
ENSMUSG00000022010	2.664461074	1.413843756	4.67E-10	5.04E-09	6213.4937	5606.35995	6774.33257	12337.18906	22452.50968	14752.04094	Tsc22d1
ENSMUSG00000022969	0.495145802	-1.014074687	4.89E-10	5.28E-09	824.879394	1072.74313	1079.56996	514.3652992	505.5836367	453.0567122	Il10rb
ENSMUSG00000005672	0.415881928	-1.265754099	4.91E-10	5.29E-09	290.501004	285.868363	341.636064	138.3007987	136.9289016	105.8451271	Kit
ENSMUSG00000033610	3.271167972	1.709805842	5.27E-10	5.66E-09	108.489572	82.5187026	81.9926553	391.2207525	254.7069079	249.2801124	Pank1
ENSMUSG00000032496	0.008148013	-6.939335958	5.54E-10	5.94E-09	230.428266	655.237794	63.3579609	0.947265744	3.830179066	2.967620385	Ltf
ENSMUSG00000032725	0.23059874	-2.116543464	5.57E-10	5.97E-09	150.63015	159.143212	104.354289	23.68164361	31.59897729	40.5574786	Folr2
ENSMUSG00000022842	0.390925289	-1.355035179	5.95E-10	6.37E-09	463.546355	322.215886	458.413482	172.4023655	142.6741702	171.1327756	Ece2
ENSMUSG00000014592	2.247650104	1.168417466	6.01E-10	6.43E-09	290.501004	351.686852	344.12069	615.7227339	874.2383718	725.0885808	Camta1
ENSMUSG00000049907	2.468321169	1.303530125	6.27E-10	6.69E-09	661.696731	559.948339	761.537844	1248.496251	1684.321244	1959.618661	Rasl11b
ENSMUSG00000040612	0.496262629	-1.010824279	6.45E-10	6.88E-09	1234.62927	1001.03045	905.646147	518.1543622	492.17801	549.9989781	Ildr2
ENSMUSG00000005973	0.485277582	-1.04311788	6.56E-10	6.99E-09	3057.43341	2776.16492	3943.10133	1426.582211	1653.679812	1662.856623	Rcn1
ENSMUSG00000011171	2.441699217	1.287885491	6.59E-10	7.01E-09	112.076005	83.5010681	105.596602	243.4472963	233.640923	258.1829735	Vipr2
ENSMUSG00000051906	0.297518018	-1.748951053	6.61E-10	7.03E-09	124.628517	188.614177	154.046807	45.46875573	44.04705926	49.46033976	Cd209f
ENSMUSG00000021998	0.230849489	-2.114975556	6.64E-10	7.07E-09	2624.37172	3867.573	3380.33356	1212.500153	632.9370906	433.2725763	Lcp1
ENSMUSG00000024440	0.269898228	-1.889512591	6.66E-10	7.08E-09	169.458919	110.024937	137.896738	36.94336403	42.13196972	33.63303103	Pcdh12
ENSMUSG00000055775	0.077869175	-3.682803849	6.92E-10	7.36E-09	106.696356	376.245989	377.66314	37.89062978	21.06598486	7.913654361	Myh8
ENSMUSG00000020695	0.451563258	-1.146999991	6.98E-10	7.41E-09	3346.14119	2835.10685	4463.63046	1658.662319	1519.623544	1627.245178	Mrc2
ENSMUSG00000047907	0.327101602	-1.612189272	7.02E-10	7.45E-09	918.12663	1254.48075	1865.95406	408.2715359	483.5601071	428.3265423	Tshz2
ENSMUSG00000091649	0.170155123	-2.55507751	7.12E-10	7.54E-09	142.560678	382.140182	335.424499	48.31055297	62.24040982	35.61144462	Phf11b
ENSMUSG00000093843	236.0494873	7.882945539	7.14E-10	7.57E-09	0	0	0	42.6269585	41.17442496	50.44954655	Gm25939
ENSMUSG00000027698	0.438778051	-1.188436735	7.34E-10	7.77E-09	377.471984	531.45974	496.925184	197.0312748	213.5324829	205.7550134	Nceh1
ENSMUSG00000007888	0.383820305	-1.381497059	7.53E-10	7.96E-09	1149.4515	1003.97755	1446.05228	357.1191857	566.8665017	457.0135394	Crlf1
ENSMUSG00000046879	0.352691141	-1.503522755	7.65E-10	8.08E-09	855.364067	1663.1448	1263.43228	449.9512286	439.5130478	444.153851	Irgm1
ENSMUSG00000072596	0.232207996	-2.106510445	7.68E-10	8.11E-09	156.906406	164.05504	93.1734719	29.36523808	34.47161159	32.64382424	Ear2
ENSMUSG00000062591	2.161231775	1.111853798	8.02E-10	8.46E-09	211.599497	231.83826	249.704905	465.1074805	448.1309507	582.6428023	Tubb4a
ENSMUSG00000021908	7.923330229	2.986106932	9.10E-10	9.60E-09	8.96608037	5.89419305	9.93850367	49.25781871	76.60358132	69.24447566	Gm6768
ENSMUSG00000029231	0.480694829	-1.056806811	9.12E-10	9.62E-09	3663.54044	2786.97094	2826.26198	1283.545084	1479.406664	1697.47886	Pdgfra
ENSMUSG00000022876	0.194240109	-2.364086962	9.23E-10	9.72E-09	110.282789	251.48557	173.923814	35.04883255	40.21688019	28.68699706	Samsn1
ENSMUSG00000025930	0.125017184	-2.99980168	9.48E-10	9.98E-09	83.3845474	52.0653719	64.6002739	7.578125956	11.4905372	5.935240771	Msc
ENSMUSG00000062753	0.415517552	-1.267018677	9.49E-10	9.98E-09	325.468717	372.316527	477.048176	158.1933793	161.8250655	167.1759484	Al413582
ENSMUSG00000018899	0.433873038	-1.204655157	9.61E-10	1.01E-08	1190.69547	1912.66564	1626.18766	704.7657139	705.7104929	641.0060032	Irf1
ENSMUSG00000090257	3.819132917	1.933245131	9.66E-10	1.01E-08	34.9677134	35.3651583	21.1193203	107.9882949	120.6506406	124.6400562	Gm4524
ENSMUSG00000086946	10.29467594	3.363826512	9.75E-10	1.02E-08	6.27625626	2.94709652	6.2115648	56.83594467	53.62250692	47.48192617	Gm15527
ENSMUSG00000079553	0.227666806	-2.135004134	9.85E-10	1.03E-08	89.6608037	114.936764	100.62735	17.0507834	29.68388776	22.75175629	Kifc1
ENSMUSG00000046167	2.10085061	1.070973577	9.91E-10	1.04E-08	291.397612	247.556108	212.435516	556.9922577	493.1355547	533.1824626	Gldn
ENSMUSG00000105746	13.75415915	3.781796039	9.98E-10	1.04E-08	8.06947233	5.89419305	0	56.83594467	71.81585748	74.19050963	Gm43595
ENSMUSG00000042099	0.494149538	-1.016980404	1.01E-09	1.06E-08	1718.79761	1476.49536	1298.21704	689.609462	847.4271183	684.5311022	Kank3
ENSMUSG00000047205	0.4225518	-1.242799884	1.02E-09	1.06E-08	248.360426	243.626646	267.097286	89.04297998	115.8629167	115.737195	Dusp18
ENSMUSG00000026203	2.112902184	1.07922598	1.05E-09	1.09E-08	800.670977	973.524218	1113.11241	1724.023655	2203.310508	2168.341295	Dnajb2
ENSMUSG00000015396	0.208494062	-2.261921802	1.05E-09	1.09E-08	208.013065	351.686852	386.35933	97.56837168	45.96214879	53.41716694	Cd83
ENSMUSG00000030107	0.237307961	-2.075167595	1.07E-09	1.11E-08	234.014698	529.495009	488.228993	89.04297998	119.6930958	88.03940477	Usp18
ENSMUSG00000024072	2.685823055	1.425364262	1.08E-09	1.12E-08	1136.00238	1074.70787	1329.27487	2192.920198	4089.673697	3222.835739	Yipf4
ENSMUSG00000070327	0.422810009	-1.241918566	1.08E-09	1.12E-08	2436.08404	2919.59029	1846.07706	1167.031397	890.5166328	988.2175883	Rnf213
ENSMUSG00000044712	0.473360467	-1.07898887	1.09E-09	1.13E-08	513.756405	409.646417	453.44423	237.7637019	221.192841	192.8953251	Slc38a6
ENSMUSG00000030793	0.335709466	-1.574714876	1.09E-09	1.13E-08	238.497738	376.245989	329.212934	123.1445468	105.3299243	88.03940477	Pycard
ENSMUSG00000050737	0.340541515	-1.55409741	1.10E-09	1.14E-08	310.226381	327.127714	467.109673	100.4101689	145.5468045	129.5860902	Ptges
ENSMUSG00000086098	6.726936893	2.749949724	1.11E-09	1.15E-08	7.1728643	13.7531171	11.1808166	70.09766509	59.36777552	85.07178438	Gm14291
ENSMUSG00000068696	0.088171744	-3.503539793	1.12E-09	1.16E-08	41.2439697	65.818489	57.1463961	6.630860211	2.872634299	4.946033976	Gpr88
ENSMUSG00000025978	2.016782361	1.012055406	1.14E-09	1.18E-08	634.79849	472.517809	561.525458	1139.560691	1000.634281	1226.616426	Rftn2
ENSMUSG00000029168	3.336765041	1.738450102	1.14E-09	1.18E-08	34.0711054	37.3298893	33.5424499	109.8828264	108.2025586	132.5537105	Dpysl5
ENSMUSG00000028494	0.457648131	-1.127689308	1.14E-09	1.18E-08	2111.51193	2383.21872	2969.12797	1328.066574	1104.049116	982.2823476	Plin2
ENSMUSG00000063856	3.33892525	1.739383795	1.15E-09	1.19E-08	5784.01845	8228.29349	8803.02963	15087.10151	31777.08062	29311.18655	Gpx1
ENSMUSG00000053477	0.359880344	-1.474410788	1.18E-09	1.21E-08	5305.22976	6993.46005	10399.4018	2847.480828	2901.360642	2418.610614	Tcf4
ENSMUSG00000017652	0.267601774	-1.901840416	1.20E-09	1.23E-08	128.214949	207.279122	202.497012	53.99414743	38.30179066	51.43875335	Cd40
ENSMUSG00000042379	0.258235962	-1.953238171	1.20E-09	1.23E-08	253.740074	289.797825	152.804494	54.94141318	72.77340225	52.42796014	Esm1
ENSMUSG00000040253	0.351541395	-1.508233514	1.22E-09	1.25E-08	1254.35464	2374.37743	1792.6576	548.466866	624.3191877	733.0022352	Gbp7
ENSMUSG00000029664	0.230757159	-2.115552686	1.26E-09	1.29E-08	223.255401	184.684715	207.466264	65.36133637	50.74987262	25.71937667	Tfpi2
ENSMUSG00000030737	0.465533184	-1.103044084	1.30E-09	1.33E-08	1380.77638	1146.42055	986.39649	593.9356218	470.1544803	572.7507344	Slco2b1
ENSMUSG00000021003	0.45871134	-1.124341521	1.30E-09	1.34E-08	338.02123	387.05201	339.151438	166.718771	181.9335056	139.4781581	Galc
ENSMUSG00000028716	8.285299006	3.050553763	1.42E-09	1.45E-08	11.6559045	12.7707516	12.4231296	55.88867892	153.2071626	95.95305913	Pdzk1ip1
ENSMUSG00000020901	0.23910213	-2.064301113	1.43E-09	1.46E-08	399.887185	562.895436	509.348313	178.08596	104.3723795	69.24447566	Pik3r5

ENSMUSG00000090084	0.363189072	-1.461207302	1.43E-09	1.46E-08	1662.3113	989.242066	1243.55527	368.4863746	538.1401587	508.4522927	Srpx
ENSMUSG00000067158	2.553044643	1.352218765	1.46E-09	1.49E-08	293.190828	200.402564	193.800822	510.5762363	583.1447628	665.7361731	Col4a4
ENSMUSG00000051262	0.15905051	-2.652443097	1.47E-09	1.50E-08	95.93706	62.8713925	64.6002739	13.26172042	13.40562673	8.902861156	Nat8f3
ENSMUSG00000016256	0.491561073	-1.024557423	1.51E-09	1.54E-08	4048.18529	5632.88382	5985.46384	2514.043286	2625.58775	2560.067186	Ctsz
ENSMUSG00000049538	0.065213598	-3.938683375	1.55E-09	1.58E-08	135.387814	34.3827928	110.565853	6.630860211	7.660358132	3.956827181	Adamts16
ENSMUSG00000026480	0.317874529	-1.653470675	1.56E-09	1.59E-08	591.761304	1164.10313	921.796216	341.9629338	256.6219974	252.2477328	Ncf2
ENSMUSG00000030278	0.332168007	-1.590014969	1.63E-09	1.66E-08	5810.02008	3108.20447	5917.13662	1624.560752	1945.730965	1357.191723	Cidec
ENSMUSG00000031871	0.47697836	-1.06800428	1.68E-09	1.71E-08	4880.23755	3972.68611	3256.10227	1807.38304	1846.14631	2123.826989	Cdh5
ENSMUSG00000052221	14.12592655	3.820273595	1.70E-09	1.72E-08	6.27625626	0.98236551	3.72693888	49.25781871	51.70741739	56.38478732	Ppp1r36
ENSMUSG00000044469	0.298193009	-1.745681658	1.71E-09	1.73E-08	148.836934	114.936764	157.773746	35.04883255	42.13196972	48.47113296	Tnfaip8l1
ENSMUSG00000031700	0.408424809	-1.291857592	1.72E-09	1.74E-08	673.352636	977.45368	790.111042	357.1191857	374.4000037	265.1074211	Gpt2
ENSMUSG00000030117	0.009805129	-6.672247606	1.76E-09	1.78E-08	53.7964822	74.6597786	68.3272128	0	1.915089533	0	Gdf3
ENSMUSG00000092035	4.308268848	2.107108281	1.81E-09	1.83E-08	59.1761304	43.2240823	50.9348313	267.1289399	261.4097212	132.5537105	Peg10
ENSMUSG00000023905	2.778860602	1.474493466	1.84E-09	1.86E-08	609.693465	744.633055	988.881116	1582.881059	2517.385191	2405.750926	Tnfrsf12a
ENSMUSG00000027495	2.49896438	1.321330337	1.86E-09	1.87E-08	321.882285	321.233521	316.789805	610.9864052	1031.275713	756.7431983	Fam210b
ENSMUSG00000030638	0.225700173	-2.147520569	1.88E-09	1.89E-08	115.662437	111.007302	120.504357	15.15625191	30.64143253	32.64382424	Sh3gl3
ENSMUSG00000078517	2.035675672	1.025507727	1.88E-09	1.89E-08	773.772736	757.403806	540.406137	1450.263855	1365.458837	1407.641269	Emc1
ENSMUSG00000031616	0.39269941	-1.348502665	1.88E-09	1.89E-08	2214.62185	1332.08763	1375.24045	629.9317201	691.3473214	612.3190062	Ednra
ENSMUSG00000042216	0.305083454	-1.712724158	1.90E-09	1.91E-08	175.735175	158.160847	116.777418	42.6269585	49.79232786	45.50351258	Sgsm1
ENSMUSG00000032400	5.645789605	2.497175367	1.92E-09	1.93E-08	98.6268841	89.3952612	55.9040832	211.240261	535.2675244	635.0707625	Zwilch
ENSMUSG00000018930	0.044999676	-4.473941592	1.96E-09	1.97E-08	32.2778893	170.931598	95.6580979	6.630860211	4.787723832	1.97841359	Ccl4
ENSMUSG00000002007	4.314539755	2.109206671	2.10E-09	2.10E-08	91.4540198	238.714818	104.354289	635.6153145	581.2296732	659.8009324	Srpk3
ENSMUSG00000022440	0.401833942	-1.315328665	2.10E-09	2.10E-08	1871.22097	1761.38136	2716.93844	749.2872039	775.6112608	1025.807447	C1qtnf6
ENSMUSG00000028312	0.448499742	-1.15682094	2.10E-09	2.10E-08	487.754772	575.666187	638.548861	290.8105835	213.5324829	258.1829735	Smc2
ENSMUSG00000034795	0.251723622	-1.990087489	2.12E-09	2.11E-08	91.4540198	118.866226	119.262044	35.04883255	22.98107439	24.73016988	Ccdc122
ENSMUSG00000062488	0.221748597	-2.173003116	2.13E-09	2.12E-08	313.812813	737.756496	516.802191	134.5117357	137.8864464	75.17971643	Ifit3b
ENSMUSG00000027832	0.126937299	-2.977812041	2.21E-09	2.20E-08	121.042085	241.661915	427.355658	25.5761751	49.79232786	24.73016988	Ptx3
ENSMUSG00000028803	2.351889767	1.233820443	2.21E-09	2.20E-08	335.331406	369.369431	249.704905	838.3301838	779.4414399	631.1139353	Nipal3
ENSMUSG00000026437	0.234036719	-2.095193195	2.22E-09	2.20E-08	144.353894	177.808157	113.050479	46.41602148	25.85370869	29.67620385	Cdk18
ENSMUSG00000073759	23.52658054	4.556219743	2.23E-09	2.22E-08	2.68982411	0.98236551	2.48462592	40.73242701	40.21688019	63.30923489	4933407E24Rik
ENSMUSG00000020120	3.884703066	1.957804328	2.25E-09	2.23E-08	897.504645	1255.46312	1187.65119	2777.383163	6897.194953	3300.983075	Plek
ENSMUSG00000043251	0.333056775	-1.586159967	2.26E-09	2.24E-08	117.455653	113.954399	113.050479	36.94336403	39.25933542	38.57906501	Exoc3l
ENSMUSG00000038754	154.9269679	7.275444483	2.27E-09	2.25E-08	0.89660804	0.98236551	0	202.7148693	61.28286505	48.47113296	Elovl3
ENSMUSG00000022987	2.463200521	1.300534078	2.31E-09	2.29E-08	147.043718	157.178481	100.62735	341.015668	320.7774968	340.2871375	Zfp641
ENSMUSG00000024158	3.35251965	1.745245788	2.33E-09	2.31E-08	435.751506	537.353933	467.109673	1042.939585	2373.753476	1411.598097	Hagh
ENSMUSG00000000804	2.535483767	1.342261038	2.35E-09	2.33E-08	816.809922	608.084249	529.225321	1281.650552	1821.250146	1856.741154	Usp32
ENSMUSG00000037466	0.197032992	-2.343490872	2.39E-09	2.36E-08	67.2456028	93.3247232	79.5080294	17.99804914	11.4905372	17.80572231	Tedc1
ENSMUSG00000039987	2.615238944	1.386942766	2.41E-09	2.38E-08	727.149118	1155.26184	626.125731	2146.504177	2253.102835	2164.384468	Phtf2
ENSMUSG00000032118	2.412963097	1.270805851	2.41E-09	2.38E-08	182.90804	204.332026	168.954562	527.6270197	461.5365774	354.1360327	Fez1
ENSMUSG00000018983	4.061914608	2.022159911	2.43E-09	2.40E-08	117.455653	219.067508	126.715922	826.0157292	653.0455307	403.5963724	E2f2
ENSMUSG00000028789	0.385959622	-1.373478169	2.55E-09	2.51E-08	288.707788	304.533307	421.144093	115.5664208	144.5892597	130.575297	Azin2
ENSMUSG00000048078	0.430117128	-1.217198511	2.56E-09	2.52E-08	317.399245	335.969004	401.267086	125.986344	158.9524312	168.1651552	Tenm4
ENSMUSG00000047414	0.412551774	-1.277352909	2.71E-09	2.67E-08	1326.97989	875.287667	836.076622	416.7969276	395.4659885	442.1754374	Flrt2
ENSMUSG00000028678	0.189541866	-2.399411551	2.76E-09	2.71E-08	65.4523867	87.4305302	70.8118387	12.31445468	18.19335056	11.87048154	Kif2c
ENSMUSG00000026271	0.188988231	-2.403631702	2.83E-09	2.78E-08	102.213316	170.931598	108.081227	34.1015668	21.06598486	16.81651552	Gpr35
ENSMUSG00000022180	0.347568253	-1.524631783	2.84E-09	2.79E-08	217.875753	319.26879	327.970621	82.41211977	111.0751929	106.8343339	Slc7a8
ENSMUSG00000027868	0.332959652	-1.586580733	2.93E-09	2.87E-08	709.216957	1419.51816	965.277169	304.072304	389.7207199	336.3303103	Tbx15
ENSMUSG00000052229	4.432426466	2.148096697	2.94E-09	2.88E-08	156.009798	72.6950476	55.9040832	416.7969276	411.7442496	440.1970238	Gpr17
ENSMUSG00000026697	0.335765457	-1.574474279	2.96E-09	2.90E-08	401.680401	260.32686	300.639736	83.35938551	124.4808196	115.737195	Myoc
ENSMUSG00000036459	2.047478454	1.033848271	3.06E-09	2.99E-08	1295.59861	1497.12503	1947.94672	3146.816803	3439.500801	3113.033784	Wtip
ENSMUSG00000073758	2.315585841	1.21137724	3.18E-09	3.10E-08	162.286055	139.495902	127.958235	386.4844237	301.6266014	309.6217269	Sh3d21
ENSMUSG00000085419	3.322843001	1.73241813	3.25E-09	3.17E-08	46.6236179	34.3827928	49.6925184	124.0918125	138.8439911	170.1435688	Gm11734
ENSMUSG00000021719	2.144867186	1.100888316	3.26E-09	3.18E-08	1370.91369	994.153894	914.342338	2585.088217	2251.187746	2202.963533	Rgs7bp
ENSMUSG00000022861	2.635911744	1.398302067	3.28E-09	3.20E-08	138.974246	166.019771	130.442861	425.3223193	434.725324	288.8483842	Dgkg
ENSMUSG00000082101	210.0037104	7.714271007	3.29E-09	3.20E-08	0	0.98236551	0	61.57227339	124.4808196	46.49271937	Slfn14
ENSMUSG00000028681	0.368371962	-1.440764837	3.37E-09	3.27E-08	442.92437	386.069644	278.278103	125.0390783	125.4383644	158.2730872	Ptch2
ENSMUSG00000068744	0.316652331	-1.659028395	3.37E-09	3.27E-08	144.353894	132.619344	121.74667	33.15430106	48.83478309	44.51430578	Psrc1
ENSMUSG00000004885	0.042277794	-4.563956085	3.42E-09	3.31E-08	32.2778893	104.130744	228.585584	3.789062978	8.617902898	2.967620385	Crabp2
ENSMUSG00000023013	0.105198758	-3.248810426	3.42E-09	3.32E-08	68.1422108	113.954399	249.704905	12.31445468	20.1084401	12.85968834	Aqp2
ENSMUSG00000028965	0.078335966	-3.674181348	3.45E-09	3.35E-08	46.6236179	49.1182754	64.6002739	1.894531489	7.660358132	2.967620385	Tnfrsf9
ENSMUSG00000005410	0.401898712	-1.315096142	3.48E-09	3.37E-08	261.809547	263.273956	237.281775	119.3554838	80.43376038	106.8343339	Mcm5
ENSMUSG00000023274	0.211525476	-2.241096664	3.48E-09	3.37E-08	138.974246	178.790522	186.346944	44.52148999	44.04705926	17.80572231	Cd4
ENSMUSG00000003273	2.372733064	1.246549804	3.65E-09	3.53E-08	294.984044	212.19095	204.981638	649.8243007	534.3099797	509.4414995	Car11
ENSMUSG00000053398	0.38732951	-1.368366674	3.75E-09	3.62E-08	806.947233	492.165119	745.387776	235.8691704	298.7539671	257.1937667	Phgdh
ENSMUSG00000014786	0.389349975	-1.360860561	3.77E-09	3.64E-08	169.458919	216.120412	188.83157	73.88672807	82.34884991	67.26606207	Slc9a5
ENSMUSG00000065637	29.36850719	4.87619803	3.95E-09	3.82E-08	3.58643215	0	4.96925184	43.57422425	56.49514122	144.4241921	Gm26397
ENSMUSG00000049502	0.471766793	-1.083854222	3.97E-09	3.83E-08	758.530399	1088.46098	967.761795	490.6836556	427.0649658	409.5316132	Dtx3l
ENSMUSG00000044177	2.696879312	1.431290961	4.01E-09	3.86E-08	54.6930903	55.0124684	58.3887091	153.4570506	134.0562673	165.1975348	Wfikkn2
ENSMUSG00000026605	0.331279935	-1.59387727	4.03E-09	3.88E-08	218.772361	214.155681	214.920142	48.31055297	80.43376038	86.06099118	Cenpf
ENSMUSG00000048387	2.016969693	1.012189406	4.07E-09	3.91E-08	1033.78907	1008.88938	1434.87147	2328.3792	2206.183142	2473.016988	Osr1
ENSMUSG00000057182	0.215443234	-2.214620304	4.07E-09	3.91E-08	269.879019	134.584075	136.654426	33.15430106	41.17442496	42.53589219	Scn3a
ENSMUSG00000039747	0.371188212	-1.4297772	4.11E-09	3.94E-08	226.841833	243.626646	226.100959	98.51563742	63.19795459	96.94226592	Orai2
ENSMUSG00000034685	0.457378112	-1.128540767	4.15E-09	3.98E-08	423.198993	425.364265	542.890763	197.0312748	196.2966771	242.3556648	Fam171a2
ENSMUSG00000075318	2.544796679	1.347550394	4.16E-09	3.99E-08	161.389447	113.954399	159.016059	410.1660674	303.541691	390.7366841	Scn2a
ENSMUSG00000068417	0.232087676	-2.107258178	4.17E-09	4.00E-08	70.8320349	100.201282	95.6580979	19.89258063	18.19335056	23.74096308	Pnp2
ENSMUSG00000090019	0.48297393	-1.049982778	4.32E-09	4.14E-08	368.505903	429.293727	375.178514	215.029324	169.4854237	182.0140503	Gimap1
ENSMUSG00000074802	0.360547258	-1.471739724	4.42E-09	4.23E-08	202.633416	209.243853	154.046807	59.6777419	76.60358132	68.25526886	Gas2l3
ENSMUSG00000042182	0.19721122	-2.342186465	4.42E-09	4.23E-08	83.3845474	98.2365508	83.2349683	14.20898617	12.44808196	25.71937667	Bend6
ENSMUSG00000029088	8.880663815	3.15066752	4.60E-09	4.39E-08	34.0711054	7.85892406	8.69619071	176.1914285	138.8439911	142.4457785	Kcnip4
ENSMUSG00000042351	4.40511801	2.139180668	4.61E-09	4.40E-08	50.2100501	67.78322	29.815511	249.1308908	252.7918183	153.3270532	Grap2
ENSMUSG00000106438	91.43751967	6.514714364	4.66E-09	4.44E-08	0	0	3.72693888	31.25976957	181.9335056	84.08257759	Gm32051
ENSMUSG00000000958	0.479196593	-1.061310445	4.69E-09	4.47E-08	299.467084	257.379763	291.943545	144.9316589	135.0138121	126.6184698	Slc7a7
ENSMUSG00000026786	0.392618117	-1.34880135	4.81E-09	4.57E-08	494.927636	692.567683	663.39512	304.072304	220.2352963	201.7981862	Apbb1ip
ENSMUSG00000040649	8.238915463	3.042454439	4.84E-09	4.60E-08	5.37964822	8.84128957	12.4231296	61.57227339	54.58005169	98.92067951	Rimklb

ENSMUSG00000069862	9.409815499	3.234166436	4.87E-09	4.63E-08	10.7592964	15.7178481	36.0270758	88.09571424	222.1503858	269.0642483	Rps12-ps9
ENSMUSG00000043099	0.457520273	-1.128092422	5.13E-09	4.86E-08	621.34937	495.112216	560.283145	258.6035482	297.7964224	210.7010474	Hic1
ENSMUSG00000026452	4.21168941	2.074399049	5.41E-09	5.13E-08	51.1066581	34.3827928	24.8462592	119.3554838	180.0184161	170.1435688	Syt2
ENSMUSG00000016995	0.123201882	-3.020903804	5.43E-09	5.15E-08	596.244345	119.848592	311.820553	34.1015668	40.21688019	52.42796014	Matn4
ENSMUSG00000039683	0.299845106	-1.737710669	5.45E-09	5.16E-08	95.93706	124.760419	130.442861	35.99609829	37.34424589	31.65461744	Sdk1
ENSMUSG00000021806	0.281745918	-1.827533388	5.59E-09	5.29E-08	1169.17688	636.572849	504.379061	197.9785406	226.9381096	226.5283561	Nid2
ENSMUSG00000050103	0.447360518	-1.160490157	5.63E-09	5.33E-08	415.129521	307.480404	326.728308	150.6152534	151.2920731	168.1651552	Agmo
ENSMUSG00000049723	0.033478745	-4.900610728	5.73E-09	5.41E-08	1095.65502	3507.04486	1492.01786	56.83594467	126.3959092	20.7733427	Mmp12
ENSMUSG00000034245	2.083539546	1.059036483	5.78E-09	5.46E-08	242.08417	229.873529	185.104631	438.5840397	424.1923315	510.4307063	Hdac11
ENSMUSG00000055435	0.37580172	-1.411956426	5.91E-09	5.57E-08	3092.40112	5027.74667	6072.42574	1640.664269	1965.839406	1726.165858	Maf
ENSMUSG00000030306	2.427217581	1.27930344	5.99E-09	5.64E-08	2403.80615	1888.10651	1413.75215	5464.77608	4317.569352	4072.564376	Tmtc1
ENSMUSG00000001517	0.320645139	-1.64095056	6.02E-09	5.67E-08	145.250502	198.437833	146.592929	42.6269585	60.32532029	54.40637373	Foxm1
ENSMUSG00000042453	0.318402347	-1.651077124	6.07E-09	5.72E-08	1203.24799	720.073917	580.160152	238.7109676	293.9662433	265.1074211	Reln
ENSMUSG00000031344	9.519761275	3.250925396	6.20E-09	5.82E-08	11.6559045	6.87655855	12.4231296	162.929708	67.98567842	62.32002809	Gabrq
ENSMUSG00000038216	64.34317485	6.007715219	6.57E-09	6.16E-08	0	1.96473102	1.24231296	40.73242701	114.905372	43.52509899	Pnmt
ENSMUSG00000063632	0.058567592	-4.093753612	6.58E-09	6.17E-08	34.9677134	55.9948339	140.381364	4.736328722	4.787723832	3.956827181	Sox11
ENSMUSG00000001661	0.469882847	-1.089626991	6.67E-09	6.24E-08	641.074746	569.771994	782.657164	271.8652687	318.8624072	345.2331715	Hoxc6
ENSMUSG00000027035	0.372511862	-1.42464173	6.76E-09	6.32E-08	466.236179	558.965974	470.836612	245.3418278	174.2731475	137.4997445	Cers6
ENSMUSG00000078502	2.005863351	1.004223326	6.81E-09	6.37E-08	140.767462	132.619344	136.654426	258.6035482	290.1360642	274.0102823	Gm13212
ENSMUSG00000039217	0.186953424	-2.419249202	6.91E-09	6.46E-08	81.5913314	114.936764	127.958235	30.31250382	16.27826103	13.84889513	Il18
ENSMUSG00000037321	0.284948735	-1.811225709	6.96E-09	6.50E-08	842.811555	2148.43337	1408.7829	392.1680182	389.7207199	471.8516413	Tap1
ENSMUSG00000032028	4.136744619	2.048495896	6.97E-09	6.50E-08	154.216582	129.672247	99.3850367	280.3906604	662.6209784	645.9520372	Nxpe2
ENSMUSG00000034394	0.22407176	-2.15796726	7.00E-09	6.53E-08	97.730276	115.91913	162.742998	18.94531489	31.59897729	33.63303103	Lif
ENSMUSG00000034810	0.433052083	-1.207387547	7.01E-09	6.53E-08	2729.27486	1681.80975	1957.88522	808.9649458	952.7570426	997.1204495	Scn7a
ENSMUSG00000003355	0.319381001	-1.646649602	7.10E-09	6.62E-08	160.492839	149.319557	213.677829	47.36328722	67.98567842	51.43875335	Fkbp11
ENSMUSG00000021130	2.304382349	1.204380112	7.18E-09	6.69E-08	947.714695	819.292833	1362.81732	2262.070598	2305.767798	2638.214523	Galnt16
ENSMUSG00000034919	4.291917182	2.101622238	7.28E-09	6.77E-08	18.8287688	17.6825791	18.6346944	75.78125956	68.94322318	91.99623195	Ttc22
ENSMUSG00000036957	2.194469141	1.133871983	7.56E-09	7.02E-08	109.386181	103.148378	130.442861	266.1816742	244.1739154	239.3880444	Lrfn3
ENSMUSG00000037664	0.430259147	-1.216722232	7.58E-09	7.03E-08	771.97952	735.791765	1078.32765	410.1660674	389.7207199	311.6001405	Cdkn1c
ENSMUSG00000037379	0.130804133	-2.934519974	7.82E-09	7.25E-08	102.213316	123.778054	320.516743	30.31250382	17.2358058	23.74096308	Spon2
ENSMUSG00000046561	0.182021876	-2.45781625	7.89E-09	7.31E-08	123.731909	100.201282	89.4465331	9.472657445	21.06598486	26.70858347	Arsj
ENSMUSG00000037686	5.677696796	2.505305807	8.04E-09	7.45E-08	26.8982411	10.8060206	18.6346944	139.2480644	89.05166328	92.98543874	Aspg
ENSMUSG00000031264	0.317153572	-1.656746502	8.20E-09	7.58E-08	171.252135	241.661915	245.977966	84.30665126	72.77340225	51.43875335	Btk
ENSMUSG00000023805	2.045707534	1.032599904	8.70E-09	8.03E-08	1042.75515	733.827034	749.114714	1832.959216	1568.458327	1769.690956	Synj2
ENSMUSG00000057135	0.041578599	-4.588015055	8.74E-09	8.06E-08	33.1744974	112.972033	84.4772812	5.683594467	3.830179066	0	Scimp
ENSMUSG00000024177	0.22406312	-2.158022887	8.91E-09	8.21E-08	70.8320349	79.5716061	90.688846	22.73437787	17.2358058	13.84889513	Nme4
ENSMUSG00000034266	0.133857623	-2.901228794	8.96E-09	8.25E-08	45.7270099	105.113109	86.9619071	13.26172042	9.575447664	8.902861156	Batf
ENSMUSG00000027315	0.066658803	-3.907060787	9.00E-09	8.28E-08	31.3812813	48.1359099	50.9348313	2.841797233	3.830179066	1.97841359	Spint1
ENSMUSG00000043557	2.579345197	1.367004863	9.03E-09	8.30E-08	164.975879	248.538473	146.592929	475.5274037	525.6920768	446.1322646	Mdga1
ENSMUSG00000041654	0.467704513	-1.096330744	9.33E-09	8.56E-08	293.190828	269.168149	249.704905	123.1445468	115.8629167	141.4565717	Slc39a11
ENSMUSG00000021559	0.487377646	-1.036888012	9.52E-09	8.73E-08	1271.3902	1150.35001	1642.33773	585.4102301	706.6680376	687.4987226	Dapk1
ENSMUSG00000022221	0.335155078	-1.577099303	9.72E-09	8.90E-08	289.604396	219.067508	176.40844	81.46485402	83.30639468	65.28764848	Ripk3
ENSMUSG00000067276	0.116776071	-3.098183413	9.74E-09	8.92E-08	851.777635	177.808157	243.49334	48.31055297	42.13196972	58.36320091	Capn6
ENSMUSG00000041062	6.977173078	2.802642622	9.89E-09	9.04E-08	8.06947233	5.89419305	8.69619071	47.36328722	58.41023075	51.43875335	Mslnl
ENSMUSG00000005413	0.224316401	-2.156392988	1.03E-08	9.40E-08	727.149118	1225.99215	1567.79895	238.7109676	397.3810781	153.3270532	Hmox1
ENSMUSG00000017817	3.095520609	1.630182064	1.06E-08	9.69E-08	2507.81268	5769.43263	3058.57451	12016.06597	11396.69781	11678.57542	Jph2
ENSMUSG00000002870	0.474376173	-1.075896547	1.09E-08	9.90E-08	274.362059	343.827928	320.516743	141.1425959	141.7166254	162.2299144	Mcm2
ENSMUSG00000015467	0.42054677	-1.249661839	1.11E-08	1.01E-07	173.045351	199.420198	172.681501	83.35938551	73.73094702	72.21209604	Egfl8
ENSMUSG00000022283	2.496307708	1.319795779	1.13E-08	1.03E-07	9027.04972	10695.0133	12942.4164	25162.21997	35805.47145	20568.57689	Pabpc1
ENSMUSG00000050370	0.236473726	-2.080248195	1.14E-08	1.04E-07	91.4540198	91.3599922	152.804494	28.41797233	24.89616393	25.71937667	Ch25h
ENSMUSG00000071068	4.890542221	2.289994427	1.16E-08	1.05E-07	32.2778893	76.6245096	70.8118387	344.804731	350.4613845	180.0356367	Treml2
ENSMUSG00000026051	0.291216836	-1.779834331	1.17E-08	1.06E-07	605.210425	305.515673	341.636064	99.46290317	132.1411778	133.5429173	1500015O10Rik
ENSMUSG00000045377	0.480255368	-1.058126354	1.23E-08	1.12E-07	331.744974	430.276092	340.393751	172.4023655	173.3156027	183.9924639	Tmem88
ENSMUSG00000058934	0.086660912	-3.528474771	1.24E-08	1.12E-07	61.8659546	106.095475	232.312523	9.472657445	19.15089533	5.935240771	Igf1os
ENSMUSG00000034664	3.843042669	1.942248995	1.25E-08	1.13E-07	186.494472	209.243853	268.339599	1161.347803	940.3089606	447.1214714	Itga2b
ENSMUSG00000043801	5.462663895	2.44960466	1.29E-08	1.16E-07	35.8643215	40.2769858	42.2386406	98.51563742	292.0511538	255.2153531	Oaz1-ps
ENSMUSG00000061232	0.403786633	-1.308334943	1.32E-08	1.19E-07	13276.0752	25155.4336	17695.5058	6915.9872	7474.594447	8272.736428	H2-K1
ENSMUSG00000024261	0.09114752	-3.455652789	1.36E-08	1.23E-07	62.7625626	43.2240823	85.7195942	1.894531489	6.702813365	8.902861156	Syt4
ENSMUSG00000044162	0.047517512	-4.395396882	1.37E-08	1.23E-07	32.2778893	82.5187026	67.0848998	4.736328722	3.830179066	0	Tnip3
ENSMUSG00000021596	4.887844948	2.289198521	1.40E-08	1.26E-07	201.736808	144.40773	106.838914	384.5898923	1172.992339	660.7901391	Mctp1
ENSMUSG00000071454	2.477058743	1.308628082	1.42E-08	1.28E-07	148.836934	157.178481	125.473609	274.7070659	383.9754513	412.4992336	Dtnb
ENSMUSG00000034349	0.484831782	-1.044443821	1.52E-08	1.37E-07	2393.94346	2877.34857	3740.60432	1407.636896	1547.392343	1412.587303	Smc4
ENSMUSG00000019850	0.43667955	-1.195353124	1.52E-08	1.37E-07	471.615827	627.731559	472.078925	273.7598001	208.7447591	203.7765998	Tnfaip3
ENSMUSG00000037997	0.459970334	-1.120387279	1.54E-08	1.38E-07	387.334672	532.442105	552.829267	233.0273731	232.6833782	210.7010474	Parp11
ENSMUSG00000022122	0.386641331	-1.37093223	1.55E-08	1.39E-07	609.693465	457.782327	532.95226	253.8672195	216.4051172	148.3810193	Ednrb
ENSMUSG00000063268	0.472130611	-1.08274207	1.59E-08	1.42E-07	627.625626	829.116488	931.734719	348.593794	372.4849141	405.574786	Parp10
ENSMUSG00000030268	0.211860761	-2.238811685	1.62E-08	1.44E-07	131.801381	143.425364	299.397423	39.78516127	45.96214879	35.61144462	Bcat1
ENSMUSG00000041771	26.47174644	4.726381473	1.62E-08	1.45E-07	3.58643215	0.98236551	1.24231296	45.46875573	83.30639468	30.66541065	Slc24a4
ENSMUSG00000037568	0.127241755	-2.974355922	1.63E-08	1.45E-07	72.625251	75.6421441	139.139051	16.10351766	15.32071626	4.946033976	Vash2
ENSMUSG00000030589	0.260630972	-1.93991956	1.64E-08	1.46E-07	242.980778	352.669217	351.574567	124.0918125	66.07058888	56.38478732	Rasgrp4
ENSMUSG00000022537	0.43877901	-1.188433583	1.76E-08	1.57E-07	737.908414	549.142319	498.167497	229.2383102	264.2823555	290.8267978	Tmem44
ENSMUSG00000017716	0.181457633	-2.46229535	1.79E-08	1.59E-07	117.455653	175.843426	253.431844	29.36523808	49.79232786	19.7841359	Birc5
ENSMUSG00000110235	0.030733199	-5.024058246	1.84E-08	1.64E-07	38.5541456	36.3475238	50.9348313	0	2.872634299	0.989206795	Gm5086
ENSMUSG00000041423	2.217160321	1.148713094	1.86E-08	1.66E-07	150.63015	120.830957	129.200548	265.2344084	285.3483404	339.2979307	Paqr6
ENSMUSG00000029442	0.494641443	-1.015544975	1.90E-08	1.69E-07	427.682034	345.792659	357.786132	203.6621351	170.4429684	185.9708775	Wdr66
ENSMUSG00000026104	0.358158357	-1.481330489	1.97E-08	1.75E-07	1214.90389	2521.73226	1865.95406	591.0938245	662.6209784	752.7863711	Stat1
ENSMUSG00000097324	3.515769928	1.813840664	1.98E-08	1.76E-07	1091.17198	694.532414	401.267086	2950.732794	2595.903862	2149.546366	Carmn
ENSMUSG00000026196	5.130896313	2.359210871	1.99E-08	1.77E-07	53.7964822	52.0653719	53.4194572	120.3027495	369.6122798	327.4274492	Bard1
ENSMUSG00000055216	0.187607625	-2.414209629	2.00E-08	1.77E-07	53.7964822	104.130744	94.4157849	16.10351766	16.27826103	14.83810193	9430025C20Rik
ENSMUSG00000033031	0.391807823	-1.351781891	2.01E-08	1.78E-07	174.838567	156.196116	142.86599	69.15039935	56.49514122	60.3416145	C330027C09Rik
ENSMUSG00000033082	0.441181039	-1.180557306	2.01E-08	1.78E-07	422.302385	343.827928	286.974294	158.1933793	159.909976	147.3918125	Clec1a
ENSMUSG00000031840	2.02978227	1.021324981	2.03E-08	1.79E-07	230.428266	327.127714	311.820553	587.3047616	563.9938674	610.3405926	Rab3a
ENSMUSG00000072568	0.498755576	-1.003595126	2.11E-08	1.87E-07	279.741708	297.656749	334.182186	153.4570506	160.8675208	139.4781581	Fam84b
ENSMUSG00000032649	0.281147528	-1.830600732	2.16E-08	1.90E-07	105.799748	88.4128957	83.2349683	21.78711212	28.72634299	27.69779026	Colgalt2

ENSMUSG00000027996	0.39033154	-1.357228054	2.17E-08	1.91E-07	10441.8972	9369.80221	17207.2768	4116.816925	5307.67064	5024.181312	Sfrp2
ENSMUSG00000023232	0.071374992	-3.808437503	2.21E-08	1.95E-07	82.4879394	298.639114	129.200548	10.41992319	22.98107439	2.967620385	Serinc2
ENSMUSG00000089617	134.2217731	7.06847491	2.23E-08	1.97E-07	0	0	1.24231296	48.31055297	45.96214879	54.40637373	Scarna10
ENSMUSG00000048138	0.077972139	-3.680897478	2.24E-08	1.97E-07	30.4846733	51.0830064	54.6617702	3.789062978	4.787723832	1.97841359	Dmrt2
ENSMUSG00000060429	4.10312569	2.036723349	2.25E-08	1.98E-07	156.906406	88.4128957	54.6617702	403.5352071	350.4613845	483.7221228	Sntb1
ENSMUSG00000000982	0.070141814	-3.833581451	2.27E-08	1.99E-07	52.0032661	225.944067	104.354289	15.15625191	8.617902898	2.967620385	Ccl3
ENSMUSG00000035285	2.124957494	1.087433983	2.27E-08	1.99E-07	175.735175	188.614177	249.704905	435.7422425	403.1263467	460.9703665	Nat14
ENSMUSG00000024180	0.336274692	-1.572287888	2.38E-08	2.08E-07	132.697989	145.390095	202.497012	55.88867892	49.79232786	55.39558053	Tmem8
ENSMUSG00000021200	2.925021664	1.54844731	2.40E-08	2.10E-07	540.654646	1080.60206	541.64845	1992.099861	2062.551427	2274.186422	Asb2
ENSMUSG00000097240	10.91040673	3.44763298	2.43E-08	2.12E-07	5.37964822	5.89419305	1.24231296	51.1523502	38.30179066	52.42796014	Gm26614
ENSMUSG00000034488	0.137435966	-2.863168494	2.44E-08	2.13E-07	242.980778	70.7303165	218.647081	21.78711212	33.51406683	17.80572231	Edil3
ENSMUSG00000059049	0.059941712	-4.060295902	2.44E-08	2.13E-07	83.3845474	38.3122548	38.5117017	1.894531489	5.745268599	1.97841359	Frem1
ENSMUSG00000026494	0.491861278	-1.023676612	2.45E-08	2.14E-07	850.881027	616.925539	791.353355	325.8594161	388.7631752	396.6719248	Kif26b
ENSMUSG00000042744	2.233360067	1.159215864	2.49E-08	2.17E-07	1085.79233	713.197358	658.425868	1859.482656	1824.12278	1810.248435	Hectd4
ENSMUSG00000045917	0.441620002	-1.17912258	2.50E-08	2.18E-07	245.670602	274.079977	283.247355	123.1445468	135.0138121	95.95305913	Tmem268
ENSMUSG00000051367	0.462820911	-1.111474047	2.55E-08	2.23E-07	552.310551	668.008545	664.637433	231.1328416	295.8813328	345.2331715	Six1
ENSMUSG00000067203	0.388276295	-1.364844464	2.63E-08	2.29E-07	183.804648	266.221053	197.527761	89.04297998	84.26393945	78.14733682	H2-K2
ENSMUSG00000024598	0.015710576	-5.992120101	2.66E-08	2.31E-07	291.397612	211.208584	1078.32765	12.31445468	11.4905372	0.989206795	Fbn2
ENSMUSG00000070691	0.169058083	-2.564409102	2.66E-08	2.31E-07	135.387814	204.332026	244.735653	55.88867892	25.85370869	16.81651552	Runx3
ENSMUSG00000033491	0.177112255	-2.497264055	2.68E-08	2.33E-07	172.148743	80.5539716	116.777418	30.31250382	13.40562673	21.76254949	Prss35
ENSMUSG00000019866	0.347942425	-1.523079495	2.71E-08	2.35E-07	218.772361	361.510507	236.039462	97.56837168	103.4148348	83.09337079	Crybg1
ENSMUSG00000033213	0.066959164	-3.900574682	2.71E-08	2.35E-07	34.0711054	196.473102	156.531433	13.26172042	8.617902898	3.956827181	AA467197
ENSMUSG00000039701	2.355038874	1.235750874	2.77E-08	2.40E-07	523.619094	372.316527	295.670484	912.2169119	931.6910577	968.4334524	Usp53
ENSMUSG00000041556	4.464750196	2.158579458	2.77E-08	2.40E-07	34.9677134	14.7354826	34.7847629	143.9843932	107.2450138	124.6400562	Fbxo2
ENSMUSG00000040594	2.664098424	1.413647383	2.80E-08	2.43E-07	86.0743716	67.78322	58.3887091	187.5586174	167.5703341	213.6686677	Ranbp17
ENSMUSG00000057143	0.401317303	-1.317184737	2.83E-08	2.44E-07	1056.20427	1628.76201	1918.13121	614.7754682	689.4322318	542.0853237	Trim12c
ENSMUSG00000027947	0.474563063	-1.07532828	2.85E-08	2.46E-07	885.848741	1075.69023	1375.24045	545.6250688	547.7156064	488.6681568	Il6ra
ENSMUSG00000051920	0.160760034	-2.637019311	2.86E-08	2.47E-07	75.3150751	56.9771994	59.631022	5.683594467	14.3631715	10.88127475	Rspo2
ENSMUSG00000034575	2.025640384	1.018378072	2.90E-08	2.50E-07	641.074746	608.084249	650.971991	990.8399687	1372.16165	1485.788606	Papd7
ENSMUSG00000022378	0.400442872	-1.320331657	2.91E-08	2.51E-07	755.840575	1339.94655	1236.10139	457.5293546	396.4235333	479.7652956	Fam49b
ENSMUSG00000038811	0.432431357	-1.209456953	2.96E-08	2.55E-07	420.509169	664.079083	628.610357	250.0781565	256.6219974	233.4528037	Gngt2
ENSMUSG00000037306	0.475260818	-1.07320863	2.98E-08	2.57E-07	1256.14786	962.718197	882.042201	482.1582639	430.8951449	561.8694596	Man1c1
ENSMUSG00000074412	19.43642462	4.280690951	2.99E-08	2.57E-07	0.89660804	2.94709652	3.72693888	36.94336403	34.47161159	70.23368245	Gm10689
ENSMUSG00000042225	0.407740656	-1.294276278	3.00E-08	2.58E-07	378.368592	460.729423	539.163824	152.5097849	230.7682887	178.0572231	Ammecr1
ENSMUSG00000041961	2.119125459	1.083469003	3.01E-08	2.58E-07	164.079271	121.813323	137.896738	318.2812901	282.4757061	298.7404521	Znrf3
ENSMUSG00000026822	0.325288971	-1.620206186	3.02E-08	2.59E-07	324.572109	558.965974	309.335927	122.197281	152.2496179	113.7587814	Lcn2
ENSMUSG00000101249	3.252892029	1.701722937	3.03E-08	2.60E-07	57.3829144	91.3599922	105.596602	292.705115	323.6501311	206.7442202	Gm29216
ENSMUSG00000026938	0.291172751	-1.780052744	3.04E-08	2.60E-07	104.006532	138.513537	135.412113	45.46875573	26.81125346	37.58985821	Fcna
ENSMUSG00000049588	2.395406057	1.260270235	3.06E-08	2.62E-07	148.836934	129.672247	118.019731	389.326221	274.815348	287.8591774	Ccdc69
ENSMUSG00000061751	2.196025815	1.134895014	3.14E-08	2.69E-07	901.091077	733.827034	535.436885	1491.943548	1573.246051	1707.370928	Kalrn
ENSMUSG00000038879	2.716740131	1.441876572	3.17E-08	2.71E-07	112.972613	91.3599922	62.115648	252.9199538	231.7258335	244.3340784	Nipal2
ENSMUSG00000020390	3.288887449	1.717599638	3.25E-08	2.78E-07	2221.79472	3477.5739	2884.65069	5323.633484	13155.70755	9751.600586	Ube2b
ENSMUSG00000046718	0.265830306	-1.911422507	3.36E-08	2.86E-07	1239.11231	3111.15156	3565.43819	580.6739014	753.5877312	769.6028866	Bst2
ENSMUSG00000032436	0.424631958	-1.235715141	3.37E-08	2.87E-07	431.268466	567.807263	714.329952	248.183625	254.7069079	223.5607357	Cmtm7
ENSMUSG00000039621	0.359612553	-1.475484712	3.39E-08	2.89E-07	687.698364	904.758632	719.299203	390.2734867	217.362662	223.5607357	Prex1
ENSMUSG00000043463	9.591514033	3.261758564	3.51E-08	2.99E-07	5.37964822	5.89419305	2.48462592	41.67969276	39.25933542	54.40637373	Rab9b
ENSMUSG00000090698	0.487729799	-1.035845975	3.70E-08	3.15E-07	901.091077	659.167256	894.465331	348.593794	427.0649658	421.4020947	Apold1
ENSMUSG00000028033	3.058550276	1.612847991	3.79E-08	3.22E-07	34.0711054	55.9948339	57.1463961	146.8261904	160.8675208	139.4781581	Kcnq5
ENSMUSG00000039770	2.490178073	1.316248914	3.85E-08	3.27E-07	981.785801	1299.66957	1460.96004	2657.080413	4128.933033	2529.401775	Ypel5
ENSMUSG00000022439	0.271459264	-1.881192373	3.93E-08	3.33E-07	119.248869	227.908798	182.620005	55.88867892	37.34424589	50.44954655	Parvg
ENSMUSG00000031851	0.482166209	-1.052397548	3.96E-08	3.36E-07	342.50427	415.54061	392.570895	210.2929953	187.6787742	156.2946736	Ntpcr
ENSMUSG00000026944	2.390206498	1.257135263	4.13E-08	3.50E-07	873.296228	727.932841	468.351986	1755.283424	1588.566768	1609.439456	Abca2
ENSMUSG00000053137	0.36983951	-1.435028739	4.16E-08	3.52E-07	217.875753	323.198252	378.905453	105.1464976	119.6930958	114.7479882	Mapk11
ENSMUSG00000075122	0.202676625	-2.302748382	4.17E-08	3.52E-07	54.6930903	81.5363371	93.1734719	12.31445468	17.2358058	16.81651552	Cd80
ENSMUSG00000018500	0.209403394	-2.25564327	4.20E-08	3.55E-07	77.1082912	90.3776267	114.292792	12.31445468	27.76879823	18.79492911	Adora2b
ENSMUSG00000042680	3.44965079	1.786450325	4.26E-08	3.60E-07	115.662437	102.166013	48.4502054	321.1230874	266.1974451	337.3195171	Garem1
ENSMUSG00000076612	0.022537105	-5.471553972	4.27E-08	3.60E-07	187.39108	1151.33237	154.046807	9.472657445	17.2358058	6.924447566	Ighg2c
ENSMUSG00000021062	0.112433649	-3.152854226	4.41E-08	3.72E-07	74.4184671	70.7303165	154.046807	17.0507834	12.44808196	3.956827181	Rab15
ENSMUSG00000029283	0.335772139	-1.574445567	4.44E-08	3.74E-07	135.387814	127.707516	103.111976	47.36328722	40.21688019	35.61144462	Cdc7
ENSMUSG00000003418	0.310555838	-1.687075405	4.46E-08	3.75E-07	344.297486	273.097611	223.616333	121.2500153	69.90076795	70.23368245	St8sia6
ENSMUSG00000009687	0.481113538	-1.0555507	4.46E-08	3.76E-07	1838.94308	2729.99375	2774.08484	1231.445468	1246.723286	1053.505237	Fxyd5
ENSMUSG00000109635	3.522783236	1.816715706	4.63E-08	3.89E-07	35.8643215	37.3298893	19.8770073	115.5664208	102.45729	113.7587814	Gm45670
ENSMUSG00000021693	2.370173076	1.244992412	4.71E-08	3.95E-07	556.793591	575.666187	636.064235	967.1583251	1726.453214	1496.669881	Kif2a
ENSMUSG00000052566	0.453473231	-1.140910706	4.72E-08	3.96E-07	199.943592	213.173315	237.281775	87.14844849	98.62711094	108.8127475	Hook2
ENSMUSG00000086918	2.4525125	1.294260489	4.72E-08	3.96E-07	77.1082912	119.848592	96.9004108	244.3945621	254.7069079	220.5931153	4930429F24Rik
ENSMUSG00000004359	0.066049967	-3.920298343	4.76E-08	3.99E-07	30.4846733	45.1888133	40.9963277	3.789062978	2.872634299	0.989206795	Spic
ENSMUSG00000002266	0.194657314	-2.360991538	4.76E-08	3.99E-07	214.289321	126.72515	131.685174	35.99609829	41.17442496	14.83810193	Zim1
ENSMUSG00000036377	3.060273568	1.613660626	4.80E-08	4.02E-07	83.3845474	50.1006409	47.2078925	202.7148693	180.0184161	174.1003959	C530008M17Rik
ENSMUSG00000009185	0.051272269	-4.285677449	4.81E-08	4.03E-07	608.796857	1324.2287	1412.50983	42.6269585	112.0327377	16.81651552	Ccl8
ENSMUSG00000064141	0.283842042	-1.816839803	4.84E-08	4.05E-07	77.1082912	95.2894542	103.111976	29.36523808	26.81125346	21.76254949	Zfp69
ENSMUSG00000029059	0.332409239	-1.588967615	4.84E-08	4.05E-07	375.678768	724.003379	414.932528	146.8261904	188.636319	168.1651552	Fam213b
ENSMUSG00000037731	0.194858976	-2.359497704	5.02E-08	4.19E-07	363.126255	720.073917	587.61403	183.7695544	86.17902898	55.39558053	Themis2
ENSMUSG00000025017	0.184668823	-2.43698777	5.03E-08	4.20E-07	237.60113	321.233521	182.620005	78.62305679	33.51406683	24.73016988	Pik3ap1
ENSMUSG00000028161	0.402334651	-1.313532101	5.09E-08	4.24E-07	3534.42888	6079.86013	7019.06822	2234.599891	2236.824574	2219.780048	Ppp3ca
ENSMUSG00000016552	0.307976295	-1.699108786	5.18E-08	4.31E-07	104.90314	97.2541852	81.9926553	27.47070659	32.55652206	27.69779026	Foxred2
ENSMUSG00000039652	2.325216242	1.217364891	5.26E-08	4.38E-07	236.704522	342.845562	208.708577	567.4121809	593.6777552	674.6390343	Cpeb3
ENSMUSG00000045328	0.327522668	-1.610333335	5.27E-08	4.39E-07	180.218215	222.99697	218.647081	48.31055297	91.92429758	63.30923489	Cenpe
ENSMUSG00000036596	0.367492876	-1.444211811	5.29E-08	4.39E-07	566.656279	304.533307	470.836612	146.8261904	171.4005132	175.0896027	Cpz
ENSMUSG00000044303	0.046533382	-4.425590134	5.38E-08	4.47E-07	53.7964822	24.5591377	108.081227	3.789062978	3.830179066	0.989206795	Cdkn2a
ENSMUSG00000041688	0.389554301	-1.360103652	5.39E-08	4.48E-07	290.501004	390.981472	238.524088	107.9882949	130.2260882	120.683229	Amot
ENSMUSG00000023277	0.469577466	-1.090564916	5.57E-08	4.61E-07	624.935802	978.436046	852.22669	405.4297386	382.0603618	365.0173074	Twf2
ENSMUSG00000041658	3.030050197	1.599341694	5.57E-08	4.61E-07	70.8320349	49.1182754	38.5117017	160.0879108	152.2496179	172.1219824	Rragb
ENSMUSG00000006411	0.107888123	-3.212392046	5.65E-08	4.67E-07	35.8643215	88.4128957	100.62735	6.630860211	5.745268599	11.87048154	Nectin4
ENSMUSG00000073411	0.456658441	-1.130812595	5.70E-08	4.71E-07	15635.9476	27262.6076	19614.8793	8787.784311	9780.362244	9979.118149	H2-D1

ENSMUSG00000042029	0.485762182	-1.041677919	5.88E-08	4.86E-07	312.916205	303.550942	278.278103	125.0390783	166.6127894	143.4349853	Ncapg2
ENSMUSG00000022100	2.356208628	1.236467287	5.93E-08	4.89E-07	850.881027	858.587454	879.557575	1403.847833	2620.800026	2075.355856	Xpo7
ENSMUSG00000035697	0.370116887	-1.433947133	5.95E-08	4.91E-07	1084.89572	1502.03686	1252.25146	668.7696156	385.8905409	366.0065142	Arhgap45
ENSMUSG00000040329	0.296809423	-1.752391198	5.97E-08	4.93E-07	144.353894	165.037405	99.3850367	33.15430106	44.04705926	44.51430578	Il7
ENSMUSG00000020737	0.431432861	-1.212792027	6.00E-08	4.94E-07	1085.79233	1695.56287	1890.80032	671.6114128	726.7764777	616.2758334	Hn1
ENSMUSG00000001156	2.057109126	1.040618328	6.18E-08	5.08E-07	394.507536	500.024043	474.56355	969.0528566	1090.643489	754.7647847	Mxd1
ENSMUSG00000045348	3.087727515	1.626545444	6.29E-08	5.17E-07	50.2100501	34.3827928	53.4194572	167.6660368	123.5232749	133.5429173	Nyap1
ENSMUSG00000085565	66.83797508	6.062596121	6.47E-08	5.31E-07	0.89660804	0	1.24231296	49.25781871	40.21688019	47.48192617	Gm15721
ENSMUSG00000049511	2.302296278	1.203073503	6.75E-08	5.54E-07	675.145852	525.565547	542.890763	980.4200455	1398.972904	1637.137246	Htr1b
ENSMUSG00000064262	0.455790627	-1.133556839	6.78E-08	5.55E-07	599.830777	547.177588	472.078925	305.0195697	204.91458	228.5067697	Gimap8
ENSMUSG00000024665	2.706206039	1.436271684	6.87E-08	5.63E-07	353.263567	194.50837	206.223951	769.1797845	586.9749418	688.4879294	Fads2
ENSMUSG00000053559	0.393365397	-1.346058041	7.03E-08	5.75E-07	251.946858	349.722121	413.690215	114.6191551	142.6741702	141.4565717	Smagp
ENSMUSG00000040809	0.177364737	-2.495208889	7.10E-08	5.80E-07	104.006532	248.538473	137.896738	16.10351766	38.30179066	32.64382424	Chil3
ENSMUSG00000099974	0.112153082	-3.156458832	7.16E-08	5.84E-07	43.0371858	104.130744	58.3887091	10.41992319	8.617902898	3.956827181	Bcl2a1d
ENSMUSG00000039936	0.343695153	-1.54079859	7.24E-08	5.91E-07	589.07148	877.252398	814.957301	370.3809061	216.4051172	196.8521522	Pik3cd
ENSMUSG00000001864	0.323266496	-1.629204103	7.28E-08	5.94E-07	158.699623	205.314391	253.431844	49.25781871	68.94322318	81.1149572	Aif1l
ENSMUSG00000053175	0.30256294	-1.724692807	7.31E-08	5.96E-07	287.81118	438.135016	555.313893	169.5605683	123.5232749	93.97464554	Bcl3
ENSMUSG00000108929	28.1943315	4.817333231	7.40E-08	6.03E-07	4.48304019	0.98236551	0	29.36523808	87.13657375	49.46033976	Cc2d2b
ENSMUSG00000003206	0.151034254	-2.727052306	7.44E-08	6.05E-07	53.7964822	70.7303165	105.596602	10.41992319	17.2358058	6.924447566	Ebi3
ENSMUSG00000031438	0.112944982	-3.146307916	7.52E-08	6.12E-07	124.628517	549.142319	309.335927	54.94141318	42.13196972	13.84889513	Rnf128
ENSMUSG00000089661	27.99833652	4.807269209	7.53E-08	6.12E-07	0	1.96473102	2.48462592	47.36328722	36.38670112	32.64382424	Mia
ENSMUSG00000028167	0.455917263	-1.133156058	7.71E-08	6.26E-07	234.014698	199.420198	234.797149	115.5664208	91.92429758	96.94226592	Bdh2
ENSMUSG00000030677	0.243646026	-2.037141401	7.91E-08	6.41E-07	132.697989	191.561274	132.927487	55.88867892	28.72634299	26.70858347	Kif22
ENSMUSG00000022769	0.333589192	-1.583855549	8.26E-08	6.69E-07	229.531657	356.598679	387.601643	139.2480644	87.13657375	97.93147272	Sdf2l1
ENSMUSG00000026981	0.11373201	-3.13628974	8.50E-08	6.87E-07	137.18103	753.474344	340.393751	52.09961595	66.07058888	21.76254949	Il1rn
ENSMUSG00000039167	0.471293972	-1.085300865	8.51E-08	6.87E-07	1562.78781	1060.95475	1006.2735	569.3067124	597.5079343	545.0529441	Adgrl4
ENSMUSG00000025825	2.096282236	1.067832969	8.60E-08	6.94E-07	1295.59861	1743.69878	1632.39923	2645.713224	4023.603109	3121.936645	Iscu
ENSMUSG00000096917	6.340756242	2.664654916	8.62E-08	6.96E-07	29.5880652	24.5591377	9.93850367	74.83399381	161.8250655	175.0896027	2500002B13Rik
ENSMUSG00000100303	0.131901344	-2.922468834	8.86E-08	7.14E-07	88.7641957	49.1182754	44.7232665	5.683594467	7.660358132	10.88127475	2600014E21Rik
ENSMUSG00000012705	0.39675552	-1.3336778	8.97E-08	7.22E-07	2221.79472	1392.01192	2739.30008	778.6524419	947.9693188	793.3438497	Retn
ENSMUSG00000060743	2.377884765	1.249678802	9.07E-08	7.30E-07	3557.74069	3114.09866	2292.06741	5351.10419	8916.656865	7052.055242	H3f3a
ENSMUSG00000027857	3.339905244	1.739807173	9.22E-08	7.41E-07	26.8982411	26.5238687	28.5731981	97.56837168	100.5422005	75.17971643	Tshb
ENSMUSG00000019699	2.122465366	1.085741012	9.42E-08	7.57E-07	1691.00276	1233.85108	1010.00044	2993.359753	2763.474196	2600.624664	Akt3
ENSMUSG00000030047	0.360944123	-1.47015258	9.64E-08	7.74E-07	225.945225	339.898466	300.639736	133.56447	96.71202141	82.104164	Arhgap25
ENSMUSG00000009731	0.391542415	-1.352759494	9.66E-08	7.75E-07	151.526758	150.301923	197.527761	56.83594467	67.02813365	71.22288925	Kcnd1
ENSMUSG00000044349	0.309556172	-1.691726871	9.87E-08	7.91E-07	126.421733	138.513537	163.985311	31.25976957	43.08951449	58.36320091	Snhg11
ENSMUSG00000061577	0.135992714	-2.878398731	1.02E-07	8.13E-07	39.4507536	82.5187026	69.5695257	12.31445468	5.745268599	7.913654361	Adgrg5
ENSMUSG00000028551	0.495513053	-1.013005032	1.02E-07	8.18E-07	986.268841	784.910041	805.018798	356.1719199	508.456271	412.4992336	Cdkn2c
ENSMUSG00000057457	2.656614957	1.409589142	1.05E-07	8.40E-07	89.6608037	79.5716061	52.1771443	214.0820582	190.5514085	187.9492911	Phex
ENSMUSG00000053117	0.113675089	-3.137011957	1.06E-07	8.49E-07	38.5541456	33.4004273	47.2078925	3.789062978	4.787723832	4.946033976	E330013P04Rik
ENSMUSG00000020437	0.231018603	-2.113919065	1.07E-07	8.57E-07	406.163441	706.3208	441.021101	197.0312748	73.73094702	88.03940477	Myo1g
ENSMUSG00000052516	0.077552698	-3.688679225	1.08E-07	8.64E-07	63.6591706	90.3776267	31.057824	8.5253917	3.830179066	1.97841359	Robo2
ENSMUSG00000028132	6.126411776	2.615042338	1.12E-07	8.91E-07	46.6236179	157.178481	40.9963277	341.9629338	520.9043529	640.0167964	Tmem56
ENSMUSG00000069892	0.391471885	-1.353019395	1.13E-07	8.97E-07	471.615827	452.870499	344.12069	217.8711212	146.5043493	132.5537105	9930111J21Rik2
ENSMUSG00000002699	0.287796026	-1.796881426	1.13E-07	8.99E-07	296.77726	453.852864	419.90178	143.9843932	130.2260882	62.32002809	Lcp2
ENSMUSG00000085146	113.4633597	6.826082678	1.14E-07	9.05E-07	0	0	1.24231296	38.83789552	35.42915636	51.43875335	Eif2c5
ENSMUSG00000047712	2.006214324	1.004475737	1.15E-07	9.12E-07	444.717586	301.586211	352.81688	790.0196309	669.3237917	747.8403371	Ust
ENSMUSG00000054520	0.463562017	-1.109165734	1.16E-07	9.19E-07	346.090702	482.341464	441.021101	221.6601842	168.5278789	197.841359	Sh3bp2
ENSMUSG00000019817	0.373381807	-1.421276461	1.17E-07	9.32E-07	1006.89083	505.918236	798.807233	249.1308908	302.5841462	311.6001405	Plagl1
ENSMUSG00000021506	0.16009857	-2.642967672	1.17E-07	9.32E-07	121.042085	127.707516	267.097286	41.67969276	27.76879823	12.85968834	Pitx1
ENSMUSG00000037661	0.404623447	-1.305348171	1.19E-07	9.42E-07	141.66407	146.372461	162.742998	57.78321041	70.85831272	53.41716694	Gpr160
ENSMUSG00000042659	0.482982854	-1.049956122	1.20E-07	9.52E-07	574.725752	711.232627	887.011453	366.5918431	328.4378549	353.1468259	Arrdc4
ENSMUSG00000041193	9.905953455	3.308295842	1.20E-07	9.52E-07	2.68982411	8.84128957	2.48462592	52.09961595	44.04705926	44.51430578	Pla2g5
ENSMUSG00000039328	0.43033267	-1.216475725	1.21E-07	9.55E-07	202.633416	202.367295	247.220279	109.8828264	90.00920805	80.12575041	Rnf122
ENSMUSG00000003484	0.22664365	-2.141502357	1.23E-07	9.71E-07	173.045351	335.969004	295.670484	93.7793087	50.74987262	37.58985821	Cyp4f18
ENSMUSG00000078974	3.541238376	1.824253961	1.23E-07	9.73E-07	749.564319	1003.97755	1193.86275	1693.711151	4363.531501	4377.240068	Sec61g
ENSMUSG00000056966	0.223356164	-2.162582027	1.28E-07	1.01E-06	66.3489947	58.9419305	55.9040832	14.20898617	10.53299243	15.82730872	Gjc3
ENSMUSG00000096727	0.301477499	-1.729877763	1.28E-07	1.01E-06	404.370225	947.982715	724.268455	163.8769738	204.91458	257.1937667	Psmb9
ENSMUSG00000029371	0.153394342	-2.704682821	1.29E-07	1.02E-06	132.697989	217.102777	283.247355	23.68164361	58.41023075	14.83810193	Cxcl5
ENSMUSG00000023982	0.213244877	-2.229417013	1.31E-07	1.03E-06	60.9693465	74.6597786	72.0541516	16.10351766	19.15089533	8.902861156	Guca1a
ENSMUSG00000004933	0.24364206	-2.037164888	1.31E-07	1.03E-06	95.0404519	178.790522	134.1698	40.73242701	22.02352963	36.60065142	Matk
ENSMUSG00000028037	0.154332349	-2.695887602	1.34E-07	1.06E-06	212.496105	612.996077	380.147766	29.36523808	108.2025586	48.47113296	Ifi44
ENSMUSG00000031351	0.275491844	-1.859918486	1.35E-07	1.06E-06	234.014698	118.866226	229.827897	42.6269585	54.58005169	63.30923489	Zfp185
ENSMUSG00000067149	0.049776891	-4.328380054	1.44E-07	1.13E-06	1007.78743	2395.00711	2048.57407	57.78321041	183.8485952	29.67620385	Jchain
ENSMUSG00000028370	0.34507048	-1.535037035	1.44E-07	1.13E-06	128.214949	94.3070887	106.838914	36.94336403	39.25933542	37.58985821	Pappa
ENSMUSG00000020354	3.022071553	1.59553782	1.45E-07	1.13E-06	372.092335	189.596543	187.589257	917.9005064	661.6634336	689.4771362	Sgcd
ENSMUSG00000040283	0.464493855	-1.106268583	1.45E-07	1.13E-06	478.788692	340.880831	421.144093	174.296897	223.1079306	179.0464299	Btnl9
ENSMUSG00000076031	21.73526339	4.441965673	1.46E-07	1.14E-06	0	1.96473102	4.96925184	29.36523808	61.28286505	48.47113296	Gm22751
ENSMUSG00000055368	0.226422582	-2.142910242	1.46E-07	1.14E-06	99.5234921	96.2718197	75.7810905	17.0507834	30.64143253	13.84889513	Slc6a2
ENSMUSG00000011256	0.476713293	-1.068806238	1.48E-07	1.15E-06	1175.45314	889.040784	1214.98207	620.4590626	426.1074211	516.3659471	Adam19
ENSMUSG00000021256	0.254373385	-1.974980362	1.50E-07	1.17E-06	216.082537	106.095475	116.777418	37.89062978	34.47161159	39.56827181	Vash1
ENSMUSG00000025650	0.371826829	-1.427297222	1.52E-07	1.19E-06	172.148743	286.850728	262.128034	97.56837168	90.00920805	80.12575041	Col7a1
ENSMUSG00000053626	0.209925491	-2.252050733	1.52E-07	1.19E-06	499.410677	293.727287	144.108303	58.73047616	63.19795459	75.17971643	Tll1
ENSMUSG00000060843	3.048384604	1.608044934	1.53E-07	1.19E-06	169.458919	132.619344	70.8118387	389.326221	367.6971903	385.7906501	Ctnna3
ENSMUSG00000066800	0.414450829	-1.270727145	1.54E-07	1.20E-06	609.693465	457.782327	432.32491	234.9219046	232.6833782	154.31626	Rnasel
ENSMUSG00000021175	0.215965834	-2.211125	1.54E-07	1.20E-06	89.6608037	82.5187026	59.631022	18.94531489	10.53299243	20.7733427	Cdca7l
ENSMUSG00000067242	0.34762445	-1.524398537	1.55E-07	1.20E-06	159.596231	107.07784	155.28912	52.09961595	44.04705926	50.44954655	Lgi1
ENSMUSG00000039114	0.415472705	-1.267174395	1.55E-07	1.21E-06	245.670602	202.367295	175.166127	91.88477721	74.68849178	92.98543874	Nrn1
ENSMUSG00000032131	2.983466175	1.576989421	1.56E-07	1.21E-06	93.2472359	52.0653719	64.6002739	250.0781565	201.084401	177.0680163	Abcg4
ENSMUSG00000085331	22.68214737	4.503485325	1.56E-07	1.21E-06	1.79321607	2.94709652	0	27.47070659	48.83478309	37.58985821	Gm11274
ENSMUSG00000054453	5.969930043	2.577714026	1.57E-07	1.22E-06	12.5525125	9.82365508	4.96925184	53.99414743	48.83478309	64.29844168	Sytl5
ENSMUSG00000020415	2.223536867	1.152856325	1.61E-07	1.25E-06	570.242712	672.920373	690.726005	1064.726697	1827.952959	1405.662856	Pttg1
ENSMUSG00000020010	0.309276475	-1.693030995	1.63E-07	1.26E-06	88.7641957	85.4657992	74.5387776	28.41797233	24.89616393	23.74096308	Vnn3
ENSMUSG00000026678	2.089793001	1.063360047	1.63E-07	1.27E-06	11066.833	7848.11804	12657.9267	18591.98477	24096.61405	23288.89558	Rgs5

ENSMUSG00000058290	0.427785169	-1.22504163	1.64E-07	1.27E-06	162.286055	138.513537	142.86599	65.36133637	59.36777552	65.28764848	Espl1
ENSMUSG00000026418	0.055664018	-4.167111131	1.66E-07	1.28E-06	31.3812813	85.4657992	195.043135	2.841797233	11.4905372	2.967620385	Tnni1
ENSMUSG00000070111	160.5959715	7.327291894	1.67E-07	1.29E-06	0	0	0	17.0507834	25.85370869	48.47113296	Gm10286
ENSMUSG00000060678	31.43711825	4.974397071	1.67E-07	1.29E-06	0	0.98236551	3.72693888	24.62890936	55.53759645	53.41716694	Hist1h4c
ENSMUSG00000001228	0.297464009	-1.74921297	1.72E-07	1.33E-06	131.801381	277.027073	203.739325	60.62500765	67.02813365	54.40637373	Uhrf1
ENSMUSG00000030780	2.235489068	1.160590491	1.72E-07	1.33E-06	489.547988	389.016741	285.731981	781.4942392	963.290035	863.5775321	BC017158
ENSMUSG00000098975	141.9122458	7.148855276	1.72E-07	1.33E-06	0	0	1.24231296	18.94531489	66.07058888	72.21209604	Gm27177
ENSMUSG00000004707	0.147567266	-2.76055536	1.73E-07	1.33E-06	223.255401	385.087279	350.332254	91.88477721	31.59897729	17.80572231	Ly9
ENSMUSG00000022357	3.06479261	1.615789452	1.74E-07	1.34E-06	45.7270099	48.1359099	28.5731981	143.9843932	116.8204615	117.7156086	Klhl38
ENSMUSG00000028874	0.267213917	-1.903932946	1.76E-07	1.35E-06	212.496105	404.734589	324.243682	120.3027495	76.60358132	54.40637373	Fgr
ENSMUSG00000029299	0.401563555	-1.316299754	1.78E-07	1.37E-06	121.042085	123.778054	135.412113	45.46875573	52.66496215	54.40637373	Abcg3
ENSMUSG00000043903	0.3088087	-1.695214696	1.78E-07	1.37E-06	255.533291	186.649446	402.509399	79.57032253	97.66956618	83.09337079	Zfp469
ENSMUSG00000044220	61.97115745	5.953525009	1.80E-07	1.38E-06	0	1.96473102	0	40.73242701	46.91969356	38.57906501	Nkx2-3
ENSMUSG00000021265	2.212881604	1.145926265	1.81E-07	1.39E-06	80.6947233	90.3776267	79.5080294	181.8750229	205.8721248	167.1759484	Slc25a29
ENSMUSG00000029095	0.369737841	-1.435425391	1.82E-07	1.40E-06	261.809547	461.711789	293.185858	116.5136866	139.8015359	119.6940222	Ablim2
ENSMUSG00000006273	0.47304216	-1.079959324	1.84E-07	1.41E-06	1585.20301	2512.89097	2622.52266	1052.412242	1082.025586	1043.613169	Atp6v1b2
ENSMUSG00000022253	2.63233203	1.396341475	1.86E-07	1.43E-06	345.194094	389.016741	259.643408	593.9356218	1095.431213	929.8543874	Nadk2
ENSMUSG00000030222	0.376398256	-1.40966815	1.88E-07	1.44E-06	201.736808	181.737619	165.227624	77.67579105	79.47621561	49.46033976	Rerg
ENSMUSG00000024205	8.586599213	3.102086854	1.88E-07	1.44E-06	6.27625626	4.91182754	9.93850367	51.1523502	37.34424589	90.01781836	Rpl36-ps2
ENSMUSG00000051314	0.181510543	-2.461874748	1.89E-07	1.44E-06	142.560678	151.284288	436.051849	36.94336403	50.74987262	44.51430578	Ffar2
ENSMUSG00000022270	0.355593356	-1.491699725	1.90E-07	1.45E-06	282.431532	550.124684	391.328582	156.2988478	157.0373417	121.6724358	Fam134b
ENSMUSG00000044551	0.243024574	-2.040825893	1.93E-07	1.47E-06	76.2116831	56.9771994	60.873335	17.0507834	14.3631715	15.82730872	9930012K11Rik
ENSMUSG00000026069	0.350721283	-1.511603114	1.99E-07	1.52E-06	119.248869	183.70235	136.654426	51.1523502	56.49514122	46.49271937	Il1rl1
ENSMUSG00000034382	0.26761161	-1.90178739	1.99E-07	1.52E-06	74.4184671	69.747951	98.1427238	23.68164361	17.2358058	23.74096308	AI661453
ENSMUSG00000044827	0.224950017	-2.152323619	2.03E-07	1.55E-06	192.770728	326.145349	257.158783	96.62110594	41.17442496	36.60065142	Tlr1
ENSMUSG00000036242	0.423358688	-1.240047599	2.05E-07	1.56E-06	745.081279	420.452437	623.641106	242.5000306	247.0465497	268.0750415	3632451O06Rik
ENSMUSG00000029380	0.252885381	-1.983444458	2.11E-07	1.60E-06	293.190828	306.498038	457.171169	79.57032253	137.8864464	49.46033976	Cxcl1
ENSMUSG00000094796	0.050806562	-4.298841349	2.11E-07	1.60E-06	22.4152009	86.4481647	62.115648	0.947265744	5.745268599	1.97841359	BC147527
ENSMUSG00000027670	0.007526977	-7.05371375	2.11E-07	1.60E-06	23.311809	22.5944067	24.8462592	0	0	0	Ocstamp
ENSMUSG00000022893	2.103807163	1.073002472	2.19E-07	1.66E-06	4223.92046	3138.6578	2837.4428	5761.270258	7254.359151	8447.82603	Adamts1
ENSMUSG00000024696	0.243158644	-2.040030216	2.20E-07	1.66E-06	149.733542	284.885997	314.305179	86.20118275	40.21688019	55.39558053	Lpxn
ENSMUSG00000026587	0.158170211	-2.660450177	2.20E-07	1.66E-06	66.3489947	37.3298893	79.5080294	9.472657445	11.4905372	7.913654361	Astn1
ENSMUSG00000031517	0.463898308	-1.10811951	2.21E-07	1.68E-06	853.570851	765.26273	581.402465	286.0742548	334.1831235	401.6179588	Gpm6a
ENSMUSG00000109857	2.722122232	1.44473185	2.23E-07	1.68E-06	89.6608037	71.7126821	85.7195942	165.7715053	225.0230201	281.9239366	Gm32817
ENSMUSG00000051331	2.116095429	1.08140469	2.24E-07	1.69E-06	1725.97047	1087.47862	1073.3584	2608.76986	2741.450666	2879.580981	Cacna1c
ENSMUSG00000029687	3.508492466	1.810851264	2.27E-07	1.71E-06	368.505903	368.387065	404.994025	624.2481256	1513.878276	1867.622429	Ezh2
ENSMUSG00000014813	0.464913001	-1.104967324	2.33E-07	1.76E-06	619.556154	619.872635	911.857712	289.8633178	360.9943769	348.2007919	Stc1
ENSMUSG00000031253	0.458313772	-1.125592457	2.38E-07	1.79E-06	618.659546	395.8933	597.552533	237.7637019	259.4946317	241.366458	Srpx2
ENSMUSG00000031609	0.227666554	-2.13500573	2.38E-07	1.79E-06	93.2472359	215.138046	147.835242	44.52148999	34.47161159	24.73016988	Sap30
ENSMUSG00000022579	0.458297122	-1.12564487	2.39E-07	1.80E-06	355.953391	326.145349	453.44423	154.4043163	203.9570353	161.2407076	Gpihbp1
ENSMUSG00000034656	0.472603408	-1.081298061	2.41E-07	1.82E-06	372.092335	260.32686	308.093614	145.8789246	141.7166254	157.2838804	Cacna1a
ENSMUSG00000040430	0.462278707	-1.113165182	2.45E-07	1.84E-06	689.49158	960.753466	981.427238	465.1074805	427.0649658	323.470622	Pitpnc1
ENSMUSG00000032717	0.415437623	-1.267296217	2.53E-07	1.90E-06	188.287688	170.931598	216.162455	70.09766509	71.81585748	96.94226592	Mdfi
ENSMUSG00000005447	0.307486576	-1.701404666	2.55E-07	1.91E-06	95.93706	110.024937	150.319868	30.31250382	35.42915636	43.52509899	Pafah1b3
ENSMUSG00000030867	0.276611482	-1.854067054	2.57E-07	1.92E-06	78.0048992	91.3599922	116.777418	32.20703531	26.81125346	19.7841359	Plk1
ENSMUSG00000074934	0.179852647	-2.475112704	2.60E-07	1.95E-06	104.006532	117.883861	67.0848998	9.472657445	27.76879823	14.83810193	Grem1
ENSMUSG00000024901	2.428060394	1.279804307	2.61E-07	1.95E-06	78.0048992	63.853758	57.1463961	153.4570506	151.2920731	181.0248435	Peli3
ENSMUSG00000087400	2.655719682	1.409102874	2.61E-07	1.95E-06	101.316708	56.9771994	78.2657164	191.3476804	209.7023039	228.5067697	Gm15270
ENSMUSG00000047261	0.342751099	-1.544766804	2.63E-07	1.96E-06	123.731909	91.3599922	134.1698	42.6269585	39.25933542	37.58985821	Gap43
ENSMUSG00000016206	0.45128451	-1.147890835	2.63E-07	1.96E-06	363.126255	532.442105	354.059193	177.1386942	197.2542219	189.9277047	H2-M3
ENSMUSG00000036095	2.014237925	1.010234107	2.63E-07	1.96E-06	566.656279	386.069644	377.66314	914.1114434	857.002566	913.0378719	Dgkb
ENSMUSG00000055093	6.000654797	2.585119937	2.64E-07	1.97E-06	10.7592964	30.4533307	31.057824	101.3574347	110.1176481	218.6147017	Gm8430
ENSMUSG00000028464	2.252524814	1.171542999	2.65E-07	1.97E-06	17988.647	34167.6547	22704.5116	54383.47366	57923.79801	56318.51047	Tpm2
ENSMUSG00000000031	0.038452299	-4.700786345	2.66E-07	1.98E-06	4501.86895	15932.9862	5790.4207	302.1777725	631.0220011	75.17971643	H19
ENSMUSG00000031750	0.286515996	-1.803312407	2.67E-07	1.99E-06	218.772361	201.384929	303.124362	53.04688169	103.4148348	50.44954655	Il34
ENSMUSG00000066363	0.070303276	-3.830264273	2.68E-07	2.00E-06	23.311809	70.7303165	43.4809536	1.894531489	3.830179066	3.956827181	Serpina3f
ENSMUSG00000087411	3.714392163	1.893126142	2.71E-07	2.01E-06	25.105025	18.6649446	29.815511	71.04493083	92.88184235	107.8235407	Gm16048
ENSMUSG00000033105	2.132744818	1.092711358	2.72E-07	2.02E-06	207.116457	157.178481	136.654426	372.2754376	330.3529444	369.9633414	Lss
ENSMUSG00000034906	0.301473183	-1.729898421	2.75E-07	2.04E-06	160.492839	135.56644	100.62735	31.25976957	37.34424589	51.43875335	Ncaph
ENSMUSG00000024806	0.285084583	-1.810538074	2.81E-07	2.08E-06	81.5913314	65.818489	79.5080294	21.78711212	18.19335056	24.73016988	Mlana
ENSMUSG00000072966	2.994891421	1.582503699	2.87E-07	2.13E-06	153.319974	84.4834337	78.2657164	272.8125344	309.2869596	368.9741346	Gprasp2
ENSMUSG00000041372	7.606716613	2.927273859	2.90E-07	2.15E-06	15.2423366	3.92946203	4.96925184	65.36133637	55.53759645	67.26606207	B4galnt3
ENSMUSG00000040867	0.190221649	-2.394246645	3.05E-07	2.25E-06	135.387814	62.8713925	79.5080294	16.10351766	23.93861916	12.85968834	Begain
ENSMUSG00000026288	0.31492057	-1.666940101	3.07E-07	2.27E-06	711.906781	1005.94228	988.881116	416.7969276	270.9851689	164.208328	Inpp5d
ENSMUSG00000031662	0.263435868	-1.924476305	3.11E-07	2.29E-06	162.286055	352.669217	288.216607	98.51563742	58.41023075	54.40637373	Snx20
ENSMUSG00000051627	8.455471533	3.079885211	3.16E-07	2.33E-06	4.48304019	18.6649446	3.72693888	70.09766509	73.73094702	86.06099118	Hist1h1e
ENSMUSG00000073155	3.168011492	1.663577569	3.16E-07	2.33E-06	1049.0314	1418.53579	1663.45705	2443.945621	6364.800063	4275.351769	1810058I24Rik
ENSMUSG00000015202	2.023257651	1.016680051	3.18E-07	2.34E-06	400.783793	311.409866	381.390078	627.0899228	691.3473214	894.2429428	Magi1
ENSMUSG00000036745	2.425897399	1.278518535	3.19E-07	2.35E-06	604.313817	821.257564	400.024773	1492.890813	1418.123799	1522.389258	Ttll7
ENSMUSG00000027654	0.10903388	-3.197151604	3.19E-07	2.35E-06	37.6575376	55.0124684	48.4502054	9.472657445	2.872634299	2.967620385	Fam83d
ENSMUSG00000029189	2.989370235	1.579841586	3.20E-07	2.35E-06	124.628517	272.115246	152.804494	612.8809367	454.8337641	575.7183548	Sel1l3
ENSMUSG00000038217	0.418486279	-1.256747773	3.39E-07	2.48E-06	165.872487	155.21375	198.770073	76.7285253	60.32532029	80.12575041	Tlcd2
ENSMUSG00000028347	0.280827793	-1.832242373	3.53E-07	2.58E-06	102.213316	117.883861	197.527761	35.99609829	36.38670112	44.51430578	Tmeff1
ENSMUSG00000047085	5.098270285	2.35000786	3.65E-07	2.66E-06	13.4491206	6.87655855	11.1808166	55.88867892	55.53759645	49.46033976	Lrrc4b
ENSMUSG00000056258	6.379426391	2.673426709	3.70E-07	2.70E-06	25.105025	11.7883861	6.2115648	112.7246236	66.07058888	101.8882999	Kcnq3
ENSMUSG00000021643	0.323834426	-1.62667173	3.72E-07	2.71E-06	231.324874	332.039542	518.044504	103.2519661	118.735551	127.6076766	Serf1
ENSMUSG00000031373	0.47823409	-1.064211123	3.74E-07	2.73E-06	1110.00075	673.902738	910.615399	405.4297386	445.2583164	438.2186102	Car5b
ENSMUSG00000038453	0.410561566	-1.284329518	3.75E-07	2.73E-06	130.008165	169.949233	159.016059	54.94141318	66.07058888	67.26606207	Srcin1
ENSMUSG00000105198	30.36777585	4.924469343	3.81E-07	2.77E-06	1.79321607	0.98236551	1.24231296	20.83984638	67.98567842	34.62223783	Gm42502
ENSMUSG00000022034	4.965943749	2.31206792	3.84E-07	2.79E-06	51.1066581	72.6950476	33.5424499	130.7226727	400.2537124	253.2369396	Esco2
ENSMUSG00000057068	34.24003195	5.097612143	3.88E-07	2.82E-06	0	1.96473102	1.24231296	45.46875573	30.64143253	29.67620385	Fam47e
ENSMUSG00000068457	2.773944463	1.471938904	3.88E-07	2.82E-06	236.704522	125.742785	173.923814	371.3281718	586.9749418	531.204049	Uty
ENSMUSG00000028871	0.345623177	-1.53272813	3.98E-07	2.88E-06	125.525125	111.007302	100.62735	43.57422425	29.68388776	43.52509899	Rspo1
ENSMUSG00000110575	3.624009357	1.85758668	4.00E-07	2.89E-06	41.2439697	29.4709652	17.3923814	112.7246236	109.1601034	101.8882999	6330537M06Rik

ENSMUSG00000040254	2.560696797	1.356536438	4.05E-07	2.93E-06	908.263942	714.179724	421.144093	1952.314699	1592.396947	1694.51124	Sema3d
ENSMUSG00000028684	2.367835661	1.243568955	4.18E-07	3.02E-06	715.493214	777.051116	662.152807	1103.564592	1903.598996	2096.129199	Urod
ENSMUSG00000003746	0.497233978	-1.008003209	4.24E-07	3.06E-06	3061.01984	2158.25702	1915.64658	1283.545084	1132.775459	1132.64178	Man1a
ENSMUSG00000079465	4.005369388	2.001935299	4.28E-07	3.08E-06	130.904773	97.2541852	39.7540147	289.8633178	355.2491084	434.2617831	Col4a3
ENSMUSG00000068699	2.109901067	1.077175353	4.30E-07	3.10E-06	1851.4956	3073.82167	2248.58646	4747.695911	5877.409776	4510.782986	Flnc
ENSMUSG00000051076	93.99725242	6.554546682	4.37E-07	3.15E-06	0	0.98236551	0	38.83789552	30.64143253	34.62223783	Vtcn1
ENSMUSG00000056413	0.331029631	-1.594967734	4.46E-07	3.21E-06	168.562311	342.845562	310.57824	101.3574347	82.34884991	88.03940477	Adap1
ENSMUSG00000059406	8.402056196	3.070742435	4.50E-07	3.23E-06	2.68982411	3.92946203	8.69619071	39.78516127	40.21688019	43.52509899	Tmprss9
ENSMUSG00000020990	7.767500807	2.957450486	4.60E-07	3.30E-06	20.6219849	6.87655855	3.72693888	65.36133637	99.58465571	84.08257759	Cdkl1
ENSMUSG00000075588	2.053584797	1.03814452	4.61E-07	3.30E-06	90.5574117	81.5363371	84.4772812	181.8750229	171.4005132	174.1003959	Hoxb2
ENSMUSG00000030474	0.224469404	-2.155409282	4.65E-07	3.33E-06	67.2456028	122.795688	127.958235	21.78711212	32.55652206	16.81651552	Siglece
ENSMUSG00000002668	0.238850703	-2.065818975	4.66E-07	3.34E-06	186.494472	294.709652	269.581912	97.56837168	47.87723832	33.63303103	Dennd1c
ENSMUSG00000016283	0.026041452	-5.263046306	4.67E-07	3.34E-06	21.5185929	123.778054	38.5117017	3.789062978	0.957544766	0	H2-M2
ENSMUSG00000033910	2.033888628	1.024240682	4.67E-07	3.34E-06	3616.91682	2509.94387	2218.77095	5690.225327	5101.798516	6187.488504	Gucy1a1
ENSMUSG00000027323	0.302673165	-1.724167323	4.69E-07	3.36E-06	76.2116831	102.166013	93.1734719	20.83984638	29.68388776	31.65461744	Rad51
ENSMUSG00000039145	0.412961721	-1.275920036	4.85E-07	3.46E-06	439.337938	477.429637	508.106	269.9707372	165.6552446	152.3378465	Camk1d
ENSMUSG00000048120	2.307020852	1.206031044	4.85E-07	3.46E-06	3928.93642	3027.65049	1969.06604	7338.467722	6334.15863	6925.436773	Entpd1
ENSMUSG00000035914	0.447583923	-1.15976988	4.86E-07	3.46E-06	610.590073	511.812429	850.984377	256.7090167	315.0322282	310.6109337	Cd276
ENSMUSG00000000359	0.439874704	-1.184835457	4.91E-07	3.50E-06	280.638316	215.138046	321.759056	104.1992319	126.3959092	128.5968834	Rem1
ENSMUSG00000109498	3.816481541	1.932243214	4.93E-07	3.51E-06	18.8287688	13.7531171	19.8770073	74.83399381	62.24040982	62.32002809	Gm45222
ENSMUSG00000030110	0.407029977	-1.296793046	4.95E-07	3.52E-06	268.982411	403.752224	426.113345	149.6679876	175.2306923	121.6724358	Ret
ENSMUSG00000037446	3.001327973	1.58560098	5.05E-07	3.59E-06	37.6575376	36.3475238	52.1771443	111.7773578	109.1601034	155.3054668	Tulp1
ENSMUSG00000051379	0.33230163	-1.589434727	5.11E-07	3.63E-06	86.9709796	96.2718197	74.5387776	28.41797233	27.76879823	29.67620385	Flrt3
ENSMUSG00000042515	3.010265282	1.589890631	5.21E-07	3.70E-06	113.869221	74.6597786	54.6617702	198.9258063	278.645527	259.1721803	Mum1l1
ENSMUSG00000030249	2.014845303	1.010669075	5.25E-07	3.73E-06	3960.3177	2683.82257	2391.45245	6322.998844	5787.400568	6100.438306	Abcc9
ENSMUSG00000041020	2.199069553	1.136893235	5.33E-07	3.78E-06	211.599497	143.425364	159.016059	341.9629338	441.4281373	349.1899987	Map7d2
ENSMUSG00000024186	2.228621897	1.156151873	5.33E-07	3.78E-06	109.386181	101.183647	74.5387776	199.8730721	208.7447591	230.4851833	Rgs11
ENSMUSG00000079491	0.320482448	-1.641682749	5.42E-07	3.83E-06	147.043718	261.309225	147.835242	65.36133637	51.70741739	61.3308213	H2-T10
ENSMUSG00000052371	0.275011634	-1.862435442	5.44E-07	3.85E-06	104.006532	130.654613	176.40844	28.41797233	52.66496215	31.65461744	Hoxd3os1
ENSMUSG00000026970	0.484128138	-1.046539146	5.58E-07	3.94E-06	3494.97813	4351.8792	6058.7603	2116.191673	2371.838386	2242.531805	Rbms1
ENSMUSG00000105302	0.081734933	-3.612903374	5.63E-07	3.98E-06	30.4846733	64.8361235	176.40844	6.630860211	10.53299243	4.946033976	Gm19817
ENSMUSG00000046179	0.233990393	-2.095478799	5.65E-07	3.99E-06	59.1761304	58.9419305	63.3579609	10.41992319	19.15089533	12.85968834	E2f8
ENSMUSG00000038555	2.192167962	1.132358341	5.70E-07	4.02E-06	132.697989	110.024937	116.777418	312.5976957	258.5370869	217.6254949	Reep2
ENSMUSG00000109715	0.210445388	-2.248482199	5.70E-07	4.02E-06	54.6930903	68.7655855	83.2349683	10.41992319	21.06598486	11.87048154	Gm45606
ENSMUSG00000020553	0.490201365	-1.028553594	5.74E-07	4.04E-06	169.458919	182.719984	185.104631	88.09571424	92.88184235	82.104164	Pctp
ENSMUSG00000040856	0.09104904	-3.457212392	5.77E-07	4.06E-06	107.592964	94.3070887	242.251027	4.736328722	29.68388776	5.935240771	Dlk1
ENSMUSG00000015652	0.049943885	-4.323548127	5.81E-07	4.09E-06	20.6219849	35.3651583	40.9963277	1.894531489	0.957544766	1.97841359	Steap1
ENSMUSG00000022346	0.481586401	-1.054133442	5.93E-07	4.17E-06	282.431532	342.845562	371.451575	138.3007987	186.7212295	154.31626	Myc
ENSMUSG00000061451	0.23953558	-2.061688128	6.11E-07	4.29E-06	56.4863063	57.9595649	58.3887091	16.10351766	15.32071626	9.892067951	Tmem151a
ENSMUSG00000031209	0.369170417	-1.437641146	6.26E-07	4.39E-06	442.027762	376.245989	262.128034	96.62110594	141.7166254	161.2407076	Heph
ENSMUSG00000051504	0.135252923	-2.886268326	6.34E-07	4.45E-06	40.3473617	77.6068751	139.139051	11.36718893	15.32071626	7.913654361	Siglech
ENSMUSG00000050022	0.310971756	-1.685144543	6.35E-07	4.45E-06	130.904773	215.138046	226.100959	42.6269585	74.68849178	60.3416145	Amz1
ENSMUSG00000078920	0.326349591	-1.615509862	6.44E-07	4.51E-06	432.165074	1006.92465	680.787502	185.6640859	218.3202067	287.8591774	Ifi47
ENSMUSG00000032656	3.716231047	1.8938402	6.44E-07	4.52E-06	188.287688	142.442999	157.773746	277.5488631	853.1723869	685.520309	3-Mar
ENSMUSG00000070427	0.438949078	-1.18787451	6.47E-07	4.53E-06	180.218215	217.102777	195.043135	74.83399381	79.47621561	105.8451271	Il18bp
ENSMUSG00000081434	6.46043749	2.691631865	6.56E-07	4.59E-06	9.86268841	12.7707516	27.3308851	54.94141318	139.8015359	122.6616426	Gm14165
ENSMUSG00000054072	0.250199919	-1.998846774	6.61E-07	4.62E-06	1156.62437	4295.88436	2309.45979	614.7754682	515.1590843	812.1387788	Iigp1
ENSMUSG00000069255	0.498563707	-1.004150231	6.74E-07	4.71E-06	303.053517	371.334162	408.720964	160.0879108	202.9994905	176.0788095	Dusp22
ENSMUSG00000082292	0.177342735	-2.495387868	6.76E-07	4.72E-06	86.9709796	278.009439	192.558509	17.99804914	36.38670112	44.51430578	Gm12250
ENSMUSG00000040183	0.360755704	-1.470905888	6.81E-07	4.75E-06	141.66407	98.2365508	106.838914	41.67969276	43.08951449	40.5574786	Ankrd6
ENSMUSG00000006398	0.387465364	-1.367860744	6.89E-07	4.80E-06	126.421733	143.425364	177.650753	49.25781871	56.49514122	67.26606207	Cdc20
ENSMUSG00000074825	0.491942689	-1.023437842	7.07E-07	4.92E-06	248.360426	299.62148	293.185858	127.8808755	123.5232749	162.2299144	Itpripl1
ENSMUSG00000037411	2.035471041	1.025362696	7.10E-07	4.94E-06	5115.14885	6122.10184	8484.99751	11566.11474	14163.04464	14408.78618	Serpine1
ENSMUSG00000048065	2.292054882	1.196641589	7.15E-07	4.97E-06	69.0388189	65.818489	74.5387776	181.8750229	137.8864464	159.262294	Cyb5r2
ENSMUSG00000058704	3.136453699	1.649134266	7.17E-07	4.98E-06	525.41231	724.985745	732.964646	1052.412242	2781.667547	2384.977583	Memo1
ENSMUSG00000023868	0.434561101	-1.202369056	7.38E-07	5.13E-06	165.872487	137.531171	137.896738	58.73047616	63.19795459	70.23368245	Pde10a
ENSMUSG00000001020	0.428232852	-1.223532619	7.45E-07	5.17E-06	1253.45804	2165.13358	2313.18673	738.8672807	941.2665054	773.5597138	S100a4
ENSMUSG00000050395	0.145885158	-2.777094979	7.59E-07	5.26E-06	34.9677134	63.853758	39.7540147	8.5253917	5.745268599	5.935240771	Tnfsf15
ENSMUSG00000026433	0.498326989	-1.004835383	7.62E-07	5.28E-06	579.208792	583.525111	847.257438	337.226605	353.3340188	309.6217269	Rab29
ENSMUSG00000028341	3.27654378	1.712174809	7.82E-07	5.41E-06	137.18103	243.626646	272.066538	432.9004452	765.0782684	937.7680418	Nr4a3
ENSMUSG00000109160	154.3548597	7.270107095	7.90E-07	5.46E-06	0	0	0	11.36718893	52.66496215	23.74096308	4930598N05Rik
ENSMUSG00000015709	0.21711193	-2.203489093	8.21E-07	5.66E-06	56.4863063	68.7655855	74.5387776	13.26172042	21.06598486	8.902861156	Arnt2
ENSMUSG00000079462	9.074264091	3.181780647	8.32E-07	5.74E-06	7.1728643	3.92946203	2.48462592	57.78321041	35.42915636	33.63303103	Gm15737
ENSMUSG00000028289	2.906369748	1.539218254	8.37E-07	5.77E-06	45.7270099	27.5062342	40.9963277	100.4101689	115.8629167	115.737195	Epha7
ENSMUSG00000020808	0.230488699	-2.117232077	8.46E-07	5.82E-06	68.1422108	92.3423577	100.62735	14.20898617	15.32071626	30.66541065	Pimreg
ENSMUSG00000022408	0.130641411	-2.936315816	8.47E-07	5.83E-06	37.6575376	38.3122548	64.6002739	9.472657445	3.830179066	4.946033976	Fam83f
ENSMUSG00000027674	3.165654288	1.662503712	8.55E-07	5.88E-06	77.1082912	49.1182754	39.7540147	148.7207219	221.192841	159.262294	Pex5l
ENSMUSG00000016758	2.060660508	1.043106842	8.65E-07	5.95E-06	99.5234921	123.778054	109.32354	221.6601842	257.5795422	205.7550134	Bik
ENSMUSG00000044033	2.044529052	1.031768563	8.67E-07	5.96E-06	622.245978	449.923402	378.905453	931.1622268	1078.195407	962.4982117	Ccdc141
ENSMUSG00000037474	0.297357036	-1.749731883	8.81E-07	6.05E-06	88.7641957	83.5010681	90.688846	17.99804914	34.47161159	25.71937667	Dtl
ENSMUSG00000026131	2.176715841	1.122153083	8.82E-07	6.05E-06	13723.4826	9610.48176	7205.41516	23353.88966	20542.20787	22585.56955	Dst
ENSMUSG00000031304	0.346793227	-1.527852372	8.90E-07	6.10E-06	422.302385	691.585317	554.07158	278.4961289	151.2920731	148.3810193	Il2rg
ENSMUSG00000022240	0.10593602	-3.238734877	8.90E-07	6.10E-06	27.7948491	30.4533307	42.2386406	3.789062978	3.830179066	2.967620385	Ctnnd2
ENSMUSG00000062345	4.573873825	2.193416568	8.94E-07	6.12E-06	18.8287688	16.7002136	29.815511	69.15039935	142.6741702	84.08257759	Serpinb2
ENSMUSG00000049420	0.179060706	-2.481479315	9.17E-07	6.27E-06	60.0727385	68.7655855	37.2693888	13.26172042	7.660358132	8.902861156	Tmem200a
ENSMUSG00000040010	2.646992207	1.404353947	9.28E-07	6.34E-06	140.767462	171.913964	187.589257	512.4707678	527.6071663	281.9239366	Slc7a5
ENSMUSG00000056116	0.471185413	-1.085633218	9.35E-07	6.39E-06	1795.00929	3143.56962	2925.64702	1146.191551	1301.303338	1257.281837	H2-T22
ENSMUSG00000056234	3.946797675	1.980682564	9.41E-07	6.43E-06	1039.16871	615.943173	324.243682	3442.363715	2799.860897	1575.806425	Ncoa4
ENSMUSG00000104109	115.5992595	6.852988346	9.44E-07	6.45E-06	0	0	0	22.73437787	15.32071626	27.69779026	Gm30292
ENSMUSG00000028116	6.011461605	2.587715805	9.55E-07	6.51E-06	8.96608037	57.9595649	42.2386406	200.8203378	229.8107439	222.5715289	Myoz2
ENSMUSG00000047534	4.550055303	2.185884081	9.60E-07	6.54E-06	66.3489947	94.3070887	99.3850367	153.4570506	469.1969356	558.9018392	Mis18bp1
ENSMUSG00000102037	0.092762307	-3.430317493	9.80E-07	6.68E-06	23.311809	62.8713925	38.5117017	3.789062978	4.787723832	2.967620385	Bcl2a1a
ENSMUSG00000104876	0.219734176	-2.186168819	1.01E-06	6.84E-06	47.520226	51.0830064	45.9655795	12.31445468	10.53299243	8.902861156	Trdc
ENSMUSG00000047415	0.307331833	-1.702130888	1.01E-06	6.85E-06	79.7981153	110.024937	73.2964646	29.36523808	23.93861916	27.69779026	Gpr68

ENSMUSG00000029605	0.386390794	-1.371867373	1.08E-06	7.31E-06	148.836934	217.102777	187.589257	70.09766509	87.13657375	56.38478732	Oas1b
ENSMUSG00000098188	0.492566862	-1.021608522	1.09E-06	7.42E-06	554.103767	389.016741	562.767771	229.2383102	277.6879823	234.4420104	Sowahc
ENSMUSG00000020953	4.187674674	2.066149369	1.10E-06	7.46E-06	25.105025	16.7002136	9.93850367	76.7285253	76.60358132	67.26606207	Coch
ENSMUSG00000022330	0.182060309	-2.457511657	1.11E-06	7.51E-06	60.9693465	58.9419305	86.9619071	18.94531489	5.745268599	12.85968834	Osr2
ENSMUSG00000058443	4.3673704	2.126764892	1.11E-06	7.53E-06	15.2423366	14.7354826	29.815511	76.7285253	111.0751929	69.24447566	Rpl10-ps3
ENSMUSG00000028931	0.326440784	-1.615106784	1.12E-06	7.61E-06	168.562311	270.150515	223.616333	97.56837168	69.90076795	48.47113296	Kcnab2
ENSMUSG00000029134	2.408044275	1.267861918	1.13E-06	7.63E-06	68.1422108	58.9419305	45.9655795	141.1425959	132.1411778	146.4026057	Plb1
ENSMUSG00000032066	0.106326023	-3.233433366	1.13E-06	7.64E-06	34.0711054	59.924296	59.631022	10.41992319	3.830179066	1.97841359	Bco2
ENSMUSG00000027238	0.351352392	-1.509009374	1.15E-06	7.79E-06	217.875753	163.072674	116.777418	60.62500765	58.41023075	56.38478732	Frmd5
ENSMUSG00000033470	8.916807951	3.156527345	1.15E-06	7.79E-06	7.1728643	11.7883861	4.96925184	44.52148999	127.3534539	43.52509899	Cysltr2
ENSMUSG00000017400	0.204020182	-2.293216219	1.16E-06	7.83E-06	68.1422108	89.3952612	73.2964646	14.20898617	24.89616393	7.913654361	Stac2
ENSMUSG00000027875	2.759432158	1.464371416	1.16E-06	7.83E-06	433.061682	280.956535	551.586954	1571.51387	884.7713642	1032.731894	Hmgcs2
ENSMUSG00000040061	0.294050078	-1.765866219	1.16E-06	7.85E-06	129.111557	212.19095	140.381364	61.57227339	30.64143253	49.46033976	Plcb2
ENSMUSG00000046312	0.454423357	-1.137891103	1.18E-06	7.96E-06	511.066581	622.819732	393.813208	274.7070659	220.2352963	199.8197726	AI464131
ENSMUSG00000085282	3.364681892	1.750470114	1.20E-06	8.07E-06	50.2100501	40.2769858	27.3308851	99.46290317	130.2260882	170.1435688	Gm15663
ENSMUSG00000053541	11.94342554	3.578144776	1.22E-06	8.24E-06	15.2423366	14.7354826	0	190.4004146	75.64603655	99.90988631	Gm4759
ENSMUSG00000028444	0.437075039	-1.194047104	1.23E-06	8.28E-06	208.909673	148.337192	162.742998	72.93946232	77.56112608	77.15813002	Cntfr
ENSMUSG00000028197	0.089953279	-3.474680319	1.24E-06	8.36E-06	115.662437	143.425364	81.9926553	4.736328722	23.93861916	1.97841359	Col24a1
ENSMUSG00000006519	0.422048197	-1.244520334	1.25E-06	8.38E-06	1219.38693	2348.83593	2347.97149	794.7559596	898.1769909	803.2359176	Cyba
ENSMUSG00000057706	0.344911018	-1.53570388	1.27E-06	8.52E-06	201.736808	126.72515	178.893066	71.04493083	61.28286505	42.53589219	Mex3b
ENSMUSG00000105282	0.156140043	-2.679087524	1.29E-06	8.66E-06	38.5541456	127.707516	136.654426	18.94531489	14.3631715	13.84889513	Gm42981
ENSMUSG00000003123	0.484839451	-1.044421	1.31E-06	8.80E-06	3364.96996	2098.33272	3576.61901	1455.000183	1578.99132	1348.288862	Lipe
ENSMUSG00000034872	7.730195507	2.950504902	1.31E-06	8.80E-06	9.86268841	2.94709652	4.96925184	58.73047616	35.42915636	45.50351258	Gipc3
ENSMUSG00000060470	0.391737678	-1.352040198	1.33E-06	8.87E-06	293.190828	241.661915	183.862318	71.99219658	103.4148348	106.8343339	Adgrg3
ENSMUSG00000046101	8.411210522	3.072313445	1.33E-06	8.91E-06	5.37964822	5.89419305	7.45387776	24.62890936	59.36777552	72.21209604	Mcmdc2
ENSMUSG00000030616	0.482001956	-1.052889094	1.34E-06	8.92E-06	569.346104	447.958671	441.021101	231.1328416	188.636319	283.9023502	Sytl2
ENSMUSG00000096967	2.623886506	1.391705319	1.34E-06	8.95E-06	47.520226	33.4004273	39.7540147	101.3574347	107.2450138	108.8127475	Gm26621
ENSMUSG00000051220	0.262235391	-1.931065691	1.37E-06	9.14E-06	74.4184671	63.853758	52.1771443	19.89258063	14.3631715	15.82730872	Ercc6l
ENSMUSG00000095332	3.444062348	1.78411126	1.39E-06	9.28E-06	155.11319	140.478268	52.1771443	448.0566971	400.2537124	355.1252395	Gm9821
ENSMUSG00000084319	3.092278854	1.628670424	1.40E-06	9.32E-06	349.677134	499.041678	587.61403	864.8536247	2194.692605	1378.954272	Tpt1-ps3
ENSMUSG00000027004	2.420747906	1.275452846	1.48E-06	9.81E-06	173.941959	205.314391	103.111976	381.748095	384.9329961	405.574786	Frzb
ENSMUSG00000018459	0.103206146	-3.276399212	1.49E-06	9.89E-06	34.9677134	57.9595649	84.4772812	4.736328722	11.4905372	1.97841359	Slc13a3
ENSMUSG00000046031	0.093774385	-3.414662291	1.50E-06	9.93E-06	34.0711054	125.742785	109.32354	1.894531489	11.4905372	11.87048154	Fam26f
ENSMUSG00000060131	0.301810943	-1.72828298	1.51E-06	1.00E-05	150.63015	184.684715	157.773746	75.78125956	39.25933542	33.63303103	Atp8b4
ENSMUSG00000044708	0.141314949	-2.823014008	1.52E-06	1.01E-05	34.0711054	38.3122548	50.9348313	7.578125956	2.872634299	6.924447566	Kcnj10
ENSMUSG00000062082	0.081681083	-3.613854191	1.53E-06	1.01E-05	23.311809	87.4305302	42.2386406	4.736328722	5.745268599	1.97841359	Cd200r4
ENSMUSG00000030346	0.180671776	-2.468556942	1.56E-06	1.03E-05	57.3829144	70.7303165	59.631022	4.736328722	11.4905372	17.80572231	Rad51ap1
ENSMUSG00000038822	2.487304474	1.314583121	1.59E-06	1.05E-05	390.921104	282.921266	290.701232	535.2051456	823.4884991	1042.623962	Hace1
ENSMUSG00000106112	0.116423999	-3.102539618	1.60E-06	1.05E-05	31.3812813	27.5062342	40.9963277	2.841797233	3.830179066	4.946033976	Gm43434
ENSMUSG00000078945	0.321947907	-1.635100824	1.60E-06	1.06E-05	204.426632	254.432666	135.412113	82.41211977	47.87723832	61.3308213	Naip2
ENSMUSG00000027852	0.483577646	-1.048180539	1.61E-06	1.06E-05	1749.28228	2416.61915	3043.66675	1056.201305	1305.133517	1123.738919	Nras
ENSMUSG00000036875	0.266052739	-1.910215836	1.65E-06	1.09E-05	181.114823	231.83826	113.050479	64.41407062	45.96214879	29.67620385	Dna2
ENSMUSG00000084846	2.363740147	1.241071445	1.65E-06	1.09E-05	48.416834	46.1711789	50.9348313	117.4609523	105.3299243	120.683229	A730011C13Rik
ENSMUSG00000028268	0.311003106	-1.684999108	1.66E-06	1.09E-05	1034.68567	2395.98947	1413.75215	337.226605	468.2393908	701.3476177	Gbp3
ENSMUSG00000060441	0.479176818	-1.061369981	1.71E-06	1.13E-05	264.499371	371.334162	375.178514	181.8750229	145.5468045	156.2946736	Trim5
ENSMUSG00000054659	4.984191302	2.317359443	1.71E-06	1.13E-05	14.3457286	20.6296757	8.69619071	86.20118275	47.87723832	86.06099118	Pm20d2
ENSMUSG00000094335	0.304669495	-1.714683038	1.76E-06	1.15E-05	94.1438439	77.6068751	64.6002739	28.41797233	22.02352963	21.76254949	Igkv1-117
ENSMUSG00000066357	2.056687114	1.040322332	1.76E-06	1.16E-05	958.473992	618.89027	631.094983	1346.064623	1439.189784	1760.788095	Wdr6
ENSMUSG00000025092	0.447097876	-1.161337403	1.77E-06	1.16E-05	962.060424	749.544882	525.498382	302.1777725	334.1831235	365.0173074	Hspa12a
ENSMUSG00000041361	0.465937682	-1.101791084	1.77E-06	1.16E-05	374.782159	336.951369	305.608988	126.9336098	200.1268562	147.3918125	Myzap
ENSMUSG00000095597	3.23925297	1.69566114	1.81E-06	1.19E-05	27.7948491	37.3298893	29.815511	74.83399381	105.3299243	127.6076766	Gm6472
ENSMUSG00000025597	0.33932676	-1.559252885	1.85E-06	1.21E-05	931.575751	619.872635	361.513071	203.6621351	207.7872143	238.3988376	Klhl4
ENSMUSG00000025747	0.467683023	-1.096397035	1.87E-06	1.22E-05	222.358793	247.556108	282.005042	96.62110594	140.7590807	113.7587814	Tyms
ENSMUSG00000043631	2.536501501	1.342840014	1.89E-06	1.23E-05	2396.63328	1228.93925	1132.98942	4340.371641	3609.943769	4124.992336	Ecm2
ENSMUSG00000021697	7.113500153	2.830559603	1.92E-06	1.25E-05	7.1728643	14.7354826	22.3616333	43.57422425	122.5657301	144.4241921	Depdc1b
ENSMUSG00000021373	2.322978509	1.215975807	1.92E-06	1.25E-05	806.050625	1385.13537	706.876074	2308.486619	2375.668566	2050.625686	Cap2
ENSMUSG00000038352	0.382639085	-1.385943847	1.92E-06	1.25E-05	115.662437	184.684715	163.985311	65.36133637	51.70741739	60.3416145	Arl5c
ENSMUSG00000030745	0.230312586	-2.118334839	1.95E-06	1.27E-05	114.765829	244.609011	241.008714	71.04493083	39.25933542	27.69779026	Il21r
ENSMUSG00000037999	2.589366537	1.3725992	1.96E-06	1.27E-05	215.185929	128.689881	121.74667	467.002012	315.0322282	427.3373355	Arap2
ENSMUSG00000101102	15.05159919	3.911844873	1.97E-06	1.28E-05	0.89660804	6.87655855	6.2115648	42.6269585	132.1411778	31.65461744	Gm28609
ENSMUSG00000074151	0.348677742	-1.520033821	1.99E-06	1.30E-05	458.166707	1009.87174	506.863687	204.6094008	224.0654753	260.1613871	Nlrc5
ENSMUSG00000021792	2.940128743	1.555879329	2.01E-06	1.31E-05	929.782534	665.061449	1027.39282	1505.205268	3868.480856	2334.528037	Fam213a
ENSMUSG00000045180	0.376011354	-1.411151871	2.02E-06	1.31E-05	162.286055	139.495902	99.3850367	52.09961595	48.83478309	50.44954655	Shroom2
ENSMUSG00000005338	0.47987587	-1.059266824	2.05E-06	1.33E-05	737.011806	654.255428	477.048176	250.0781565	306.4143253	341.2763443	Cadm3
ENSMUSG00000066443	22.51544899	4.492843342	2.07E-06	1.34E-05	0	2.94709652	1.24231296	34.1015668	22.98107439	35.61144462	Gm10163
ENSMUSG00000046589	0.133249751	-2.907795255	2.08E-06	1.35E-05	27.7948491	43.2240823	52.1771443	6.630860211	6.702813365	2.967620385	Lrrc8e
ENSMUSG00000036611	0.464740711	-1.105502066	2.11E-06	1.36E-05	269.879019	380.175451	254.674157	126.9336098	143.631715	150.3594329	Eepd1
ENSMUSG00000091460	9.999831618	3.321903802	2.12E-06	1.37E-05	4.48304019	5.89419305	16.1500685	35.04883255	75.64603655	148.3810193	Gm7808
ENSMUSG00000060969	0.197339935	-2.341245158	2.13E-06	1.37E-05	53.7964822	39.2946203	53.4194572	8.5253917	13.40562673	6.924447566	Irx1
ENSMUSG00000075270	0.109578609	-3.189961904	2.14E-06	1.38E-05	37.6575376	71.7126821	65.8425868	7.578125956	10.53299243	0.989206795	Pde11a
ENSMUSG00000036218	28.00899185	4.807818151	2.18E-06	1.41E-05	0.89660804	1.96473102	0	25.5761751	29.68388776	29.67620385	Pdzrn4
ENSMUSG00000011008	0.22178013	-2.172797977	2.19E-06	1.41E-05	57.3829144	69.747951	59.631022	19.89258063	7.660358132	13.84889513	Mcoln2
ENSMUSG00000025578	0.445144895	-1.167653083	2.21E-06	1.42E-05	182.90804	182.719984	221.131707	97.56837168	95.75447664	67.26606207	Cbx8
ENSMUSG00000050105	0.383633612	-1.382198966	2.28E-06	1.47E-05	417.819345	734.8094	749.114714	190.4004146	312.1595939	226.5283561	Grrp1
ENSMUSG00000031137	2.211524099	1.145040963	2.28E-06	1.47E-05	127.318341	184.684715	116.777418	359.0137172	285.3483404	305.6648997	Fgf13
ENSMUSG00000020181	0.14861162	-2.750381169	2.30E-06	1.48E-05	172.148743	74.6597786	65.8425868	6.630860211	16.27826103	23.74096308	Nav3
ENSMUSG00000020377	0.34121006	-1.551267912	2.31E-06	1.49E-05	164.975879	140.478268	257.158783	70.09766509	71.81585748	49.46033976	Ltc4s
ENSMUSG00000104263	0.159493593	-2.648429622	2.32E-06	1.49E-05	38.5541456	29.4709652	40.9963277	5.683594467	5.745268599	5.935240771	9430062P05Rik
ENSMUSG00000062081	8.351299513	3.062000707	2.33E-06	1.49E-05	4.48304019	5.89419305	4.96925184	30.31250382	66.07058888	31.65461744	Gm6055
ENSMUSG00000057933	113.0055682	6.820250052	2.35E-06	1.51E-05	0	0	0	25.5761751	27.76879823	10.88127475	Gsta2
ENSMUSG00000028906	7.754821861	2.955093641	2.45E-06	1.57E-05	1605.82499	1714.22781	1483.32167	22841.4189	9468.202651	4940.098735	Epb41
ENSMUSG00000032572	0.175997479	-2.50637333	2.47E-06	1.58E-05	121.042085	84.4834337	88.2042201	21.78711212	24.89616393	4.946033976	Col6a4
ENSMUSG00000052125	0.213488233	-2.227771539	2.49E-06	1.59E-05	60.0727385	85.4657992	65.8425868	23.68164361	12.44808196	8.902861156	F730043M19Rik
ENSMUSG00000041827	0.140953696	-2.826706786	2.49E-06	1.59E-05	57.3829144	283.903632	285.731981	34.1015668	38.30179066	15.82730872	Oasl1

ENSMUSG00000064853	46.88169806	5.55095292	2.51E-06	1.60E-05	0.89660804	0.98236551	0	27.47070659	25.85370869	41.5466854	Gm23442
ENSMUSG00000021280	0.466251479	-1.100819794	2.51E-06	1.60E-05	172.148743	191.561274	155.28912	80.51758828	69.90076795	91.99623195	Exoc3l4
ENSMUSG00000087881	52.35500655	5.710255599	2.52E-06	1.61E-05	0.89660804	0.98236551	0	32.20703531	20.1084401	53.41716694	Gm22442
ENSMUSG00000041235	0.304992618	-1.713153773	2.55E-06	1.63E-05	485.064948	886.093688	1151.62411	288.9160521	323.6501311	156.2946736	Chd7
ENSMUSG00000032783	0.195827324	-2.352346015	2.65E-06	1.69E-05	38.5541456	42.2417168	42.2386406	8.5253917	9.575447664	5.935240771	Troap
ENSMUSG00000043705	104.672366	6.709736803	2.67E-06	1.70E-05	0	0	0	26.52344084	20.1084401	12.85968834	Capn13
ENSMUSG00000031698	7.625275376	2.930789439	2.70E-06	1.71E-05	4.48304019	4.91182754	4.96925184	24.62890936	43.08951449	41.5466854	Mylk3
ENSMUSG00000055235	0.203703395	-2.295458071	2.70E-06	1.71E-05	49.313442	43.2240823	44.7232665	11.36718893	5.745268599	10.88127475	Wdr86
ENSMUSG00000039934	0.44093589	-1.181359186	2.70E-06	1.72E-05	225.048617	355.616314	262.128034	106.0937634	135.0138121	130.575297	Gsap
ENSMUSG00000000402	0.099199822	-3.333518658	2.74E-06	1.74E-05	50.2100501	34.3827928	129.200548	12.31445468	3.830179066	4.946033976	Egfl6
ENSMUSG00000049307	0.265367968	-1.913933861	2.77E-06	1.75E-05	52.8998742	51.0830064	55.9040832	14.20898617	16.27826103	11.87048154	Fut4
ENSMUSG00000056612	0.423633242	-1.239112293	2.78E-06	1.76E-05	1076.82625	1729.94566	2212.55938	673.5059443	817.7432305	634.0815557	Ppp1r14b
ENSMUSG00000090799	0.136263399	-2.875529997	2.87E-06	1.81E-05	71.728643	223.979336	64.6002739	10.41992319	25.85370869	12.85968834	Klhl33
ENSMUSG00000042258	27.84473882	4.799332855	2.87E-06	1.81E-05	1.79321607	0	1.24231296	26.52344084	23.93861916	34.62223783	Isl1
ENSMUSG00000029616	0.496039096	-1.011474261	2.92E-06	1.84E-05	1791.42286	2476.54344	3134.3556	1098.828264	1293.642979	1278.055179	Erp29
ENSMUSG00000022371	0.478494975	-1.063424319	2.94E-06	1.85E-05	14441.6657	7594.66774	10108.7005	5106.709628	4898.799025	5376.338932	Col14a1
ENSMUSG00000029851	0.4598379	-1.120802718	3.00E-06	1.89E-05	358.643215	273.097611	245.977966	112.7246236	155.1222522	136.5105377	Tcaf2
ENSMUSG00000032855	2.76473165	1.467139457	3.00E-06	1.89E-05	6152.52435	3509.00959	2298.27897	11887.23783	11590.12185	9594.316706	Pkd1
ENSMUSG00000031881	17.74674702	4.149482697	3.03E-06	1.91E-05	2.68982411	0	2.48462592	32.20703531	22.02352963	36.60065142	Cdh16
ENSMUSG00000020638	0.303332028	-1.721030259	3.07E-06	1.93E-05	306.639949	818.310468	694.452944	143.9843932	236.5135573	171.1327756	Cmpk2
ENSMUSG00000029348	0.270946971	-1.883917576	3.08E-06	1.93E-05	52.0032661	51.0830064	68.3272128	15.15625191	16.27826103	14.83810193	Asphd2
ENSMUSG00000019936	0.058825828	-4.087406466	3.09E-06	1.94E-05	45.7270099	24.5591377	27.3308851	3.789062978	1.915089533	0	Epyc
ENSMUSG00000039304	0.410684356	-1.283898104	3.20E-06	2.01E-05	767.49648	918.51175	503.136748	267.1289399	249.919184	382.8230297	Tnfsf10
ENSMUSG00000050761	4.404925644	2.139117666	3.28E-06	2.06E-05	85.1777635	110.024937	201.254699	431.0059137	991.0588333	319.5137948	Gp1bb
ENSMUSG00000042751	0.435505519	-1.199237092	3.32E-06	2.08E-05	215.185929	181.737619	298.15511	101.3574347	95.75447664	104.8559203	Nmnat2
ENSMUSG00000020793	0.251085192	-1.993751146	3.32E-06	2.08E-05	63.6591706	74.6597786	77.0234035	11.36718893	26.81125346	15.82730872	Galr2
ENSMUSG00000004609	0.422280733	-1.24372567	3.40E-06	2.13E-05	457.270099	428.311361	346.605316	234.9219046	157.9948865	127.6076766	Cd33
ENSMUSG00000073198	4.939572859	2.304386293	3.41E-06	2.13E-05	16.1389447	11.7883861	11.1808166	37.89062978	77.56112608	79.13654361	Bnip3l-ps
ENSMUSG00000029875	0.117430375	-3.090122464	3.47E-06	2.17E-05	28.6914572	34.3827928	27.3308851	2.841797233	2.872634299	4.946033976	Ccdc184
ENSMUSG00000021194	0.137636154	-2.861068607	3.53E-06	2.21E-05	32.2778893	38.3122548	55.9040832	3.789062978	9.575447664	3.956827181	Chga
ENSMUSG00000024056	0.283079878	-1.820718891	3.60E-06	2.25E-05	77.1082912	90.3776267	57.1463961	16.10351766	22.02352963	25.71937667	Ndc80
ENSMUSG00000036502	0.32727428	-1.611427867	3.65E-06	2.28E-05	70.8320349	65.818489	63.3579609	21.78711212	23.93861916	19.7841359	Tmem255a
ENSMUSG00000073643	2.042804418	1.030551084	3.70E-06	2.30E-05	994.338313	887.076053	1433.62915	1830.117418	2482.913579	2454.222059	Wdfy1
ENSMUSG00000030413	0.359792488	-1.474763031	3.70E-06	2.30E-05	112.076005	180.755253	114.292792	43.57422425	54.58005169	48.47113296	Pglyrp1
ENSMUSG00000001986	0.47857058	-1.063196385	3.76E-06	2.34E-05	586.381656	433.223189	390.086269	207.451198	200.1268562	268.0750415	Gria3
ENSMUSG00000021765	0.470117929	-1.088905394	3.82E-06	2.37E-05	818.603138	847.781433	1226.16289	346.6992625	497.9232786	514.3875335	Fst
ENSMUSG00000027217	0.465872208	-1.101993827	3.84E-06	2.39E-05	667.07638	419.470072	437.294162	206.5039323	247.0465497	257.1937667	Tspan18
ENSMUSG00000035681	0.302343619	-1.725738966	3.85E-06	2.40E-05	135.387814	101.183647	68.3272128	29.36523808	33.51406683	29.67620385	Kcnc2
ENSMUSG00000109455	4.184549418	2.065072285	3.98E-06	2.47E-05	37.6575376	31.4356962	9.93850367	113.6718893	104.3723795	117.7156086	Gm44710
ENSMUSG00000048922	0.31782256	-1.653706558	4.01E-06	2.49E-05	71.728643	94.3070887	98.1427238	25.5761751	36.38670112	21.76254949	Cdca2
ENSMUSG00000086058	0.375389183	-1.413541018	4.02E-06	2.49E-05	91.4540198	92.3423577	90.688846	34.1015668	41.17442496	27.69779026	Unc45bos
ENSMUSG00000005540	25.58292424	4.677109275	4.09E-06	2.53E-05	3.58643215	2.94709652	1.24231296	158.1933793	13.40562673	31.65461744	Fcer2a
ENSMUSG00000031891	0.120315277	-3.055108257	4.11E-06	2.54E-05	40.3473617	24.5591377	47.2078925	5.683594467	5.745268599	1.97841359	Hsd11b2
ENSMUSG00000094088	0.010846442	-6.526634305	4.12E-06	2.55E-05	18.8287688	57.9595649	18.6346944	0.947265744	0	0	Ighv1-64
ENSMUSG00000031495	0.228785865	-2.127930176	4.13E-06	2.56E-05	47.520226	54.0301029	75.7810905	14.20898617	17.2358058	8.902861156	Cd209d
ENSMUSG00000028399	2.227154854	1.155201872	4.20E-06	2.60E-05	1031.09924	675.867469	1362.81732	2575.615559	2109.47112	2147.567952	Ptprd
ENSMUSG00000097336	6.289629716	2.652975085	4.21E-06	2.60E-05	6.27625626	4.91182754	6.2115648	32.20703531	31.59897729	45.50351258	Fendrr
ENSMUSG00000081344	3.609152333	1.851660037	4.24E-06	2.62E-05	31.3812813	43.2240823	36.0270758	74.83399381	152.2496179	172.1219824	Gm14303
ENSMUSG00000054342	0.417098421	-1.261540243	4.32E-06	2.66E-05	288.707788	566.824898	495.682871	195.1367434	179.0608713	188.9384979	Kcnn4
ENSMUSG00000031595	0.481027455	-1.055808856	4.36E-06	2.69E-05	2116.89158	1189.64463	1709.42263	702.8711824	809.1253276	901.1673904	Pdgfrl
ENSMUSG00000042357	0.15040008	-2.733122764	4.37E-06	2.69E-05	32.2778893	53.0477374	63.3579609	3.789062978	6.702813365	11.87048154	Gjb5
ENSMUSG00000022385	0.276598421	-1.854135172	4.37E-06	2.69E-05	58.2795224	81.5363371	58.3887091	18.94531489	22.02352963	13.84889513	Gtse1
ENSMUSG00000037646	2.752588908	1.460789163	4.39E-06	2.70E-05	1013.16708	629.69629	409.963277	1461.631044	1936.155518	2258.359113	Vps13b
ENSMUSG00000049401	0.480061947	-1.058707511	4.43E-06	2.72E-05	1096.55163	1666.0919	1982.73148	682.9786018	765.0782684	828.9552943	Ogfr
ENSMUSG00000029602	0.225551218	-2.148473016	4.45E-06	2.73E-05	52.8998742	44.2064478	52.1771443	14.20898617	12.44808196	6.924447566	Rasal1
ENSMUSG00000051401	19.01153752	4.248803307	4.48E-06	2.75E-05	3.58643215	0.98236551	0	29.36523808	22.02352963	42.53589219	Kctd16
ENSMUSG00000020826	0.251929534	-1.988907832	4.49E-06	2.76E-05	74.4184671	51.0830064	69.5695257	13.26172042	22.98107439	12.85968834	Nos2
ENSMUSG00000029752	0.394096052	-1.3433808	4.54E-06	2.78E-05	311.122989	227.908798	223.616333	107.9882949	124.4808196	68.25526886	Asns
ENSMUSG00000027420	0.380813619	-1.392843022	4.63E-06	2.84E-05	103.109924	78.5892406	99.3850367	38.83789552	33.51406683	34.62223783	Bfsp1
ENSMUSG00000041695	0.345927141	-1.531459885	4.67E-06	2.86E-05	139.870854	257.379763	145.350616	61.57227339	71.81585748	54.40637373	Kcnj2
ENSMUSG00000068452	0.382950109	-1.384771647	4.68E-06	2.86E-05	130.904773	109.042571	91.931159	35.99609829	43.08951449	48.47113296	Duox2
ENSMUSG00000026459	0.053800156	-4.216245829	4.69E-06	2.87E-05	19.7253768	116.901495	130.442861	5.683594467	8.617902898	0	Myog
ENSMUSG00000035042	0.25079507	-1.995419105	4.69E-06	2.87E-05	101.316708	252.467935	161.500685	30.31250382	61.28286505	37.58985821	Ccl5
ENSMUSG00000020897	0.254584939	-1.973781022	4.69E-06	2.87E-05	64.5557787	112.972033	91.931159	14.20898617	31.59897729	22.75175629	Aurkb
ENSMUSG00000083567	2.291316019	1.19617645	4.72E-06	2.88E-05	50.2100501	66.8008545	60.873335	128.8281412	153.2071626	124.6400562	Gm11451
ENSMUSG00000025804	0.340522576	-1.554177647	4.79E-06	2.92E-05	135.387814	235.767722	265.854973	91.88477721	63.19795459	61.3308213	Ccr1
ENSMUSG00000022018	0.495655031	-1.012591722	4.84E-06	2.95E-05	588.174872	495.112216	780.172538	278.4961289	355.2491084	288.8483842	Rgcc
ENSMUSG00000019796	0.410299753	-1.285249808	4.90E-06	2.99E-05	96.833668	90.3776267	109.32354	42.6269585	41.17442496	37.58985821	Lrp11
ENSMUSG00000059900	5.5632564	2.475929598	4.93E-06	3.00E-05	14.3457286	7.85892406	17.3923814	48.31055297	113.9478272	56.38478732	Tmem40
ENSMUSG00000050505	0.218148496	-2.196617567	4.96E-06	3.02E-05	68.1422108	48.1359099	114.292792	15.15625191	21.06598486	13.84889513	Pcdh20
ENSMUSG00000039865	0.36552094	-1.451974036	4.99E-06	3.04E-05	96.833668	88.4128957	115.535105	41.67969276	40.21688019	27.69779026	Slc44a3
ENSMUSG00000028654	0.305152929	-1.712395656	5.07E-06	3.08E-05	69.9354269	74.6597786	79.5080294	31.25976957	19.15089533	17.80572231	Mycl
ENSMUSG00000049404	0.457105285	-1.129401595	5.09E-06	3.10E-05	123.731909	140.478268	159.016059	65.36133637	58.41023075	69.24447566	Rarres1
ENSMUSG00000040035	0.177924032	-2.490666708	5.15E-06	3.13E-05	92.3506278	84.4834337	59.631022	23.68164361	13.40562673	4.946033976	Disp2
ENSMUSG00000025494	0.471061437	-1.086012863	5.17E-06	3.14E-05	278.8451	326.145349	252.189531	169.5605683	121.6081853	112.7695746	Sigirr
ENSMUSG00000044217	0.048922433	-4.353360045	5.20E-06	3.16E-05	17.9321607	28.4885997	52.1771443	2.841797233	1.915089533	0	Aqp5
ENSMUSG00000043366	0.418568773	-1.256463409	5.22E-06	3.16E-05	710.113565	510.830064	357.786132	206.5039323	202.0419457	253.2369396	Olfr78
ENSMUSG00000058099	0.271126099	-1.882964101	5.43E-06	3.29E-05	285.121356	515.741891	382.632391	173.3496312	91.92429758	55.39558053	Nfam1
ENSMUSG00000028351	0.17378947	-2.524587424	5.47E-06	3.30E-05	40.3473617	28.4885997	42.2386406	7.578125956	5.745268599	5.935240771	Brinp1
ENSMUSG00000085977	0.125034886	-2.999597412	5.52E-06	3.34E-05	20.6219849	44.2064478	43.4809536	4.736328722	4.787723832	3.956827181	Gm5970
ENSMUSG00000030559	0.24341944	-2.038483704	5.62E-06	3.40E-05	79.7981153	69.747951	68.3272128	9.472657445	26.81125346	16.81651552	Rab38
ENSMUSG00000026904	3.358259476	1.747713704	5.65E-06	3.41E-05	28.6914572	25.5415032	18.6346944	65.36133637	75.64603655	105.8451271	Slc4a10
ENSMUSG00000049690	0.2139247	-2.224825028	5.67E-06	3.42E-05	63.6591706	48.1359099	63.3579609	17.0507834	14.3631715	5.935240771	Nckap5
ENSMUSG00000040009	2.424911431	1.277932054	5.81E-06	3.50E-05	56.4863063	63.853758	91.931159	151.5625191	197.2542219	162.2299144	Gnaz

ENSMUSG00000024798	0.196135435	-2.350077891	5.93E-06	3.57E-05	45.7270099	39.2946203	53.4194572	6.630860211	6.702813365	13.84889513	Htr7
ENSMUSG00000099250	75.73709987	6.242928273	5.99E-06	3.60E-05	0	0	1.24231296	17.0507834	43.08951449	23.74096308	Rn7s2
ENSMUSG00000093672	3.021708327	1.59536441	6.06E-06	3.64E-05	40.3473617	36.3475238	19.8770073	99.46290317	89.05166328	106.8343339	Gm20655
ENSMUSG00000030187	0.232135658	-2.106959944	6.13E-06	3.68E-05	60.9693465	181.737619	106.838914	25.5761751	24.89616393	30.66541065	Klra2
ENSMUSG00000051457	0.360318841	-1.472654002	6.14E-06	3.69E-05	250.153642	406.69932	305.608988	165.7715053	95.75447664	85.07178438	Spn
ENSMUSG00000038745	43.5520766	5.444669604	6.15E-06	3.69E-05	0	0.98236551	1.24231296	39.78516127	32.55652206	17.80572231	Nlrp6
ENSMUSG00000069910	0.226812833	-2.140425823	6.18E-06	3.70E-05	41.2439697	57.9595649	49.6925184	8.5253917	15.32071626	9.892067951	Spdl1
ENSMUSG00000046080	0.433148189	-1.207067408	6.23E-06	3.73E-05	131.801381	165.037405	114.292792	60.62500765	56.49514122	61.3308213	Clec9a
ENSMUSG00000047497	0.156047596	-2.679941964	6.39E-06	3.82E-05	959.3706	375.263624	114.292792	64.41407062	69.90076795	91.99623195	Adamts12
ENSMUSG00000097915	0.355180419	-1.493376046	6.42E-06	3.84E-05	68.1422108	91.3599922	99.3850367	30.31250382	28.72634299	32.64382424	A330009N23Rik
ENSMUSG00000054793	0.422306835	-1.243636497	6.43E-06	3.84E-05	359.539823	330.074811	295.670484	104.1992319	193.4240428	118.7048154	Cadm4
ENSMUSG00000081214	5.510329372	2.462138556	6.45E-06	3.85E-05	7.1728643	29.4709652	23.6039462	70.09766509	107.2450138	152.3378465	Rpl35a-ps2
ENSMUSG00000053702	2.303598262	1.203889138	6.49E-06	3.87E-05	97.730276	111.007302	62.115648	224.5019814	197.2542219	205.7550134	Nebl
ENSMUSG00000041528	2.349397464	1.232290805	6.60E-06	3.94E-05	720.872862	878.234764	390.086269	1564.88301	1573.246051	1540.19498	Rnf123
ENSMUSG00000003974	11.51167087	3.525025345	6.63E-06	3.96E-05	2.68982411	0.98236551	3.72693888	22.73437787	27.76879823	32.64382424	Grm3
ENSMUSG00000053475	0.320779166	-1.640347648	6.96E-06	4.14E-05	214.289321	201.384929	380.147766	56.83594467	113.9478272	84.08257759	Tnfaip6
ENSMUSG00000027861	0.378732441	-1.400749092	7.01E-06	4.16E-05	182.011432	271.13288	362.755384	89.99024572	93.83938711	124.6400562	Casq2
ENSMUSG00000037625	0.441703551	-1.178849665	7.11E-06	4.22E-05	104.006532	106.095475	101.869663	49.25781871	44.04705926	44.51430578	Cldn11
ENSMUSG00000045730	0.496614767	-1.009800933	7.34E-06	4.35E-05	186.494472	233.802991	247.220279	118.4082181	94.79693188	117.7156086	Adrb2
ENSMUSG00000032878	2.692741013	1.429075479	7.35E-06	4.36E-05	71.728643	39.2946203	55.9040832	122.197281	155.1222522	173.1111891	Ccdc85a
ENSMUSG00000079343	0.224959027	-2.152265837	7.61E-06	4.51E-05	60.9693465	40.2769858	48.4502054	9.472657445	15.32071626	8.902861156	C1s2
ENSMUSG00000022262	69.57341952	6.120464325	7.74E-06	4.58E-05	0	0	1.24231296	35.04883255	16.27826103	25.71937667	Dnah5
ENSMUSG00000047787	3.187179161	1.67228012	7.86E-06	4.64E-05	26.0016331	26.5238687	22.3616333	104.1992319	69.90076795	65.28764848	Flrt1
ENSMUSG00000026198	3.273855206	1.710990517	7.92E-06	4.68E-05	70.8320349	83.5010681	48.4502054	125.986344	295.8813328	244.3340784	Abcb6
ENSMUSG00000021303	0.226357364	-2.143325851	7.97E-06	4.71E-05	54.6930903	56.9771994	94.4157849	9.472657445	15.32071626	21.76254949	Gng4
ENSMUSG00000045502	0.237902036	-2.071560473	8.00E-06	4.72E-05	86.9709796	319.26879	201.254699	55.88867892	45.00460402	43.52509899	Hcar2
ENSMUSG00000018849	2.003366594	1.002426442	8.19E-06	4.83E-05	124.628517	111.989668	118.019731	287.0215206	202.9994905	220.5931153	Wwc1
ENSMUSG00000069874	0.369175068	-1.437622971	8.21E-06	4.83E-05	921.713062	2100.29746	1401.32902	441.4258369	459.6214879	732.0130284	Irgm2
ENSMUSG00000020654	2.268358444	1.181648632	8.35E-06	4.92E-05	398.093968	228.891163	229.827897	764.4434558	579.3145837	603.416145	Adcy3
ENSMUSG00000053164	2.470100153	1.304569539	8.41E-06	4.95E-05	86.9709796	70.7303165	47.2078925	190.4004146	150.3345283	169.154362	Gpr21
ENSMUSG00000044285	2.476955325	1.308567848	8.67E-06	5.09E-05	120.145477	122.795688	88.2042201	185.6640859	333.2255787	303.6864861	Gm1821
ENSMUSG00000024972	0.353638265	-1.499653708	8.71E-06	5.11E-05	814.120098	375.263624	592.583282	227.3437787	262.367266	140.4673649	Lgals12
ENSMUSG00000037860	0.436095701	-1.197283328	8.77E-06	5.14E-05	157.803015	258.362128	193.800822	89.04297998	96.71202141	80.12575041	Aim2
ENSMUSG00000104476	0.259740477	-1.944857238	8.86E-06	5.19E-05	257.326507	491.182754	1032.36207	134.5117357	174.2731475	153.3270532	Gm38211
ENSMUSG00000021485	0.207817499	-2.266610954	9.01E-06	5.26E-05	54.6930903	65.818489	64.6002739	11.36718893	21.06598486	5.935240771	Mxd3
ENSMUSG00000104763	47.09376091	5.557464036	9.04E-06	5.28E-05	0	1.96473102	0	16.10351766	45.00460402	34.62223783	9830132P13Rik
ENSMUSG00000038600	0.102095488	-3.292008991	9.11E-06	5.32E-05	108.489572	47.1535444	22.3616333	7.578125956	7.660358132	2.967620385	Atp6v0a4
ENSMUSG00000086810	4.171643618	2.060615914	9.17E-06	5.35E-05	14.3457286	11.7883861	9.93850367	38.83789552	51.70741739	61.3308213	Gm13110
ENSMUSG00000038473	2.312457815	1.209427048	9.22E-06	5.38E-05	86.0743716	71.7126821	49.6925184	155.3515821	157.9948865	170.1435688	Nos1ap
ENSMUSG00000054580	0.459427669	-1.122090348	9.23E-06	5.38E-05	540.654646	363.475238	310.57824	173.3496312	181.9335056	203.7765998	Pla2r1
ENSMUSG00000004446	0.461218957	-1.116476282	9.28E-06	5.40E-05	201.736808	232.820625	232.312523	87.14844849	133.0987225	87.05019797	Bid
ENSMUSG00000024401	0.142307042	-2.81292104	9.27E-06	5.40E-05	34.9677134	123.778054	44.7232665	9.472657445	7.660358132	11.87048154	Tnf
ENSMUSG00000056130	0.254560761	-1.97391804	9.51E-06	5.53E-05	58.2795224	53.0477374	39.7540147	13.26172042	10.53299243	14.83810193	Ticam2
ENSMUSG00000047976	0.408103321	-1.292993645	9.62E-06	5.59E-05	130.008165	118.866226	127.958235	41.67969276	45.00460402	67.26606207	Kcna1
ENSMUSG00000111761	2.915410902	1.543699233	9.69E-06	5.63E-05	78.0048992	35.3651583	60.873335	141.1425959	163.7401551	203.7765998	9230112J17Rik
ENSMUSG00000079620	41.08563255	5.360562073	9.73E-06	5.65E-05	0.89660804	0.98236551	0	35.04883255	17.2358058	30.66541065	Muc4
ENSMUSG00000090200	0.112118104	-3.156908847	9.81E-06	5.69E-05	21.5185929	76.6245096	151.562181	10.41992319	10.53299243	6.924447566	1700025N21Rik
ENSMUSG00000021301	0.025745897	-5.279513675	9.88E-06	5.73E-05	20.6219849	24.5591377	29.815511	0.947265744	0.957544766	0	Hecw1
ENSMUSG00000070858	0.296426307	-1.754254608	1.02E-05	5.94E-05	58.2795224	70.7303165	96.9004108	17.99804914	21.06598486	27.69779026	Gm1673
ENSMUSG00000047959	9.935159803	3.312543173	1.03E-05	5.94E-05	14.3457286	3.92946203	2.48462592	120.3027495	55.53759645	35.61144462	Kcna3
ENSMUSG00000022033	0.303102241	-1.722123575	1.03E-05	5.98E-05	64.5557787	88.4128957	73.2964646	15.15625191	28.72634299	24.73016988	Pbk
ENSMUSG00000052942	0.40420223	-1.306850813	1.03E-05	5.99E-05	231.324874	129.672247	165.227624	74.83399381	70.85831272	67.26606207	Glis3
ENSMUSG00000094344	10.3031135	3.365008466	1.04E-05	6.03E-05	4.48304019	2.94709652	12.4231296	21.78711212	75.64603655	101.8882999	Gm11942
ENSMUSG00000106807	0.10984148	-3.186505122	1.05E-05	6.05E-05	42.1405777	109.042571	209.95089	3.789062978	23.93861916	11.87048154	Gm10441
ENSMUSG00000023919	2.639036183	1.400011131	1.06E-05	6.11E-05	71.728643	87.4305302	47.2078925	155.3515821	229.8107439	162.2299144	Cenpq
ENSMUSG00000095788	0.170451495	-2.552566841	1.07E-05	6.16E-05	65.4523867	137.531171	55.9040832	13.26172042	23.93861916	6.924447566	Sirpb1a
ENSMUSG00000068240	3.325028806	1.733366839	1.08E-05	6.21E-05	36.7609295	33.4004273	40.9963277	70.09766509	145.5468045	153.3270532	Gm11808
ENSMUSG00000020914	0.369419336	-1.436668715	1.08E-05	6.23E-05	568.449495	698.461876	664.637433	124.0918125	269.0700794	320.5030016	Top2a
ENSMUSG00000041064	0.165913891	-2.591493418	1.09E-05	6.26E-05	35.8643215	46.1711789	64.6002739	4.736328722	5.745268599	13.84889513	Pif1
ENSMUSG00000027398	0.238059798	-2.070604088	1.09E-05	6.29E-05	225.048617	785.892406	378.905453	151.5625191	114.905372	64.29844168	Il1b
ENSMUSG00000087658	2.038696846	1.027647262	1.12E-05	6.43E-05	125.525125	145.390095	165.227624	236.8164361	353.3340188	296.7620385	Hotairm1
ENSMUSG00000020598	0.234126496	-2.094639879	1.14E-05	6.53E-05	46.6236179	55.9948339	37.2693888	10.41992319	8.617902898	13.84889513	Nrcam
ENSMUSG00000044534	0.426014911	-1.231024168	1.17E-05	6.69E-05	160.492839	113.954399	172.681501	60.62500765	57.45268599	72.21209604	Ackr2
ENSMUSG00000031443	0.130847952	-2.934036756	1.18E-05	6.75E-05	75.3150751	151.284288	101.869663	25.5761751	15.32071626	1.97841359	F7
ENSMUSG00000079445	0.109339357	-3.193115296	1.18E-05	6.76E-05	18.8287688	31.4356962	47.2078925	4.736328722	2.872634299	2.967620385	B3gnt7
ENSMUSG00000063130	0.101450039	-3.301158674	1.20E-05	6.85E-05	39.4507536	19.6473102	26.0885721	3.789062978	2.872634299	1.97841359	Calml3
ENSMUSG00000045733	0.436813276	-1.19491139	1.20E-05	6.86E-05	354.160175	237.732453	217.404768	135.4590015	120.6506406	97.93147272	Sprn
ENSMUSG00000032502	2.216794681	1.148475155	1.21E-05	6.89E-05	168.562311	122.795688	139.139051	250.0781565	293.9662433	411.5100268	Stac
ENSMUSG00000074480	0.264314317	-1.919673524	1.21E-05	6.89E-05	141.66407	111.007302	260.885721	26.52344084	54.58005169	54.40637373	Mex3a
ENSMUSG00000000627	0.301349794	-1.730489016	1.22E-05	6.95E-05	79.7981153	61.889027	91.931159	21.78711212	31.59897729	16.81651552	Sema4f
ENSMUSG00000030092	9.028285723	3.174452077	1.22E-05	6.95E-05	4.48304019	14.7354826	1.24231296	48.31055297	47.87723832	91.99623195	Cntn6
ENSMUSG00000023979	2.796194711	1.483464825	1.22E-05	6.97E-05	33.1744974	30.4533307	33.5424499	67.25586786	102.45729	101.8882999	Guca1b
ENSMUSG00000028597	0.433384495	-1.206280556	1.22E-05	6.98E-05	568.449495	660.149621	1144.17024	348.593794	360.0368322	318.524588	Gpx7
ENSMUSG00000027368	0.442487965	-1.176289878	1.23E-05	7.01E-05	146.14711	206.296757	236.039462	77.67579105	86.17902898	95.95305913	Dusp2
ENSMUSG00000062510	0.185560295	-2.430040053	1.23E-05	7.02E-05	48.416834	93.3247232	72.0541516	16.10351766	4.787723832	18.79492911	Nsl1
ENSMUSG00000078153	0.310923041	-1.685370565	1.23E-05	7.03E-05	144.353894	282.921266	417.417154	83.35938551	98.62711094	80.12575041	Psme2b
ENSMUSG00000024044	0.414394455	-1.270923398	1.24E-05	7.04E-05	400.783793	220.049874	303.124362	142.0898617	99.58465571	141.4565717	Epb41l3
ENSMUSG00000028644	7.855848663	2.973767137	1.24E-05	7.07E-05	8.96608037	7.85892406	13.6654426	21.78711212	115.8629167	99.90988631	Ermap
ENSMUSG00000085412	0.157538619	-2.666222559	1.24E-05	7.07E-05	34.9677134	24.5591377	44.7232665	6.630860211	5.745268599	3.956827181	Halr1
ENSMUSG00000020077	2.657950928	1.410314469	1.25E-05	7.09E-05	1240.00892	1925.43639	1344.18262	2317.959277	5882.1975	3786.683612	Srgn
ENSMUSG00000077714	15.80007408	3.981859417	1.25E-05	7.11E-05	1.79321607	1.96473102	1.24231296	32.20703531	14.3631715	33.63303103	Snord17
ENSMUSG00000030890	3.067109651	1.616879745	1.25E-05	7.13E-05	433.95829	287.833094	126.715922	873.3790164	843.5969392	891.2753224	Ilk
ENSMUSG00000033595	2.120448113	1.084369181	1.26E-05	7.14E-05	75.3150751	80.5539716	64.6002739	161.9824423	175.2306923	131.5645038	Lgi3
ENSMUSG00000102418	0.19065206	-2.390985977	1.26E-05	7.15E-05	36.7609295	74.6597786	65.8425868	16.10351766	5.745268599	11.87048154	Sh2d1b1

ENSMUSG00000068101	0.177494758	-2.494151676	1.28E-05	7.24E-05	33.1744974	50.1006409	63.3579609	11.36718893	10.53299243	3.956827181	Cenpm
ENSMUSG00000040938	2.186404643	1.128560428	1.28E-05	7.25E-05	112.972613	113.954399	166.469937	232.0801074	283.4332509	341.2763443	Slc16a11
ENSMUSG00000025128	0.115579106	-3.113047478	1.32E-05	7.51E-05	39.4507536	18.6649446	33.5424499	4.736328722	2.872634299	2.967620385	Bhlhe22
ENSMUSG00000064344	2.989116962	1.57971935	1.33E-05	7.56E-05	23.311809	30.4533307	32.3001369	88.09571424	103.4148348	64.29844168	mt-Tm
ENSMUSG00000086507	0.143675957	-2.799109441	1.37E-05	7.72E-05	21.5185929	34.3827928	38.5117017	4.736328722	3.830179066	4.946033976	Adap2os
ENSMUSG00000040875	3.077796817	1.621897994	1.39E-05	7.84E-05	55.5896983	41.2593513	22.3616333	107.9882949	122.5657301	140.4673649	Osbpl10
ENSMUSG00000068794	0.320530262	-1.641467525	1.40E-05	7.90E-05	326.365325	167.002136	145.350616	63.46680488	84.26393945	57.37399412	Col28a1
ENSMUSG00000068606	0.14765603	-2.759687822	1.43E-05	8.05E-05	83.3845474	411.611148	218.647081	12.31445468	57.45268599	35.61144462	Gm4841
ENSMUSG00000041605	0.025061245	-5.318398103	1.43E-05	8.06E-05	30.4846733	27.5062342	18.6346944	0	1.915089533	0	5730559C18Rik
ENSMUSG00000030353	0.4508862	-1.149164741	1.44E-05	8.10E-05	121.042085	156.196116	137.896738	53.99414743	73.73094702	59.35240771	Tead4
ENSMUSG00000087626	3.918420235	1.970272129	1.45E-05	8.13E-05	45.7270099	35.3651583	13.6654426	106.0937634	163.7401551	105.8451271	Gm15050
ENSMUSG00000007033	2.507182684	1.326067121	1.47E-05	8.24E-05	34.9677134	53.0477374	34.7847629	99.46290317	104.3723795	104.8559203	Hspa1l
ENSMUSG00000017417	0.293623793	-1.767959217	1.47E-05	8.24E-05	74.4184671	81.5363371	136.654426	33.15430106	32.55652206	19.7841359	Plxdc1
ENSMUSG00000028270	0.423900689	-1.238201784	1.47E-05	8.25E-05	1470.43718	2950.04362	1617.49147	748.3399381	769.8659922	1041.634755	Gbp2
ENSMUSG00000000567	0.287607379	-1.797827403	1.49E-05	8.33E-05	138.077638	187.631812	330.455247	66.30860211	82.34884991	39.56827181	Sox9
ENSMUSG00000020000	0.355623055	-1.491579239	1.50E-05	8.42E-05	89.6608037	68.7655855	65.8425868	29.36523808	25.85370869	24.73016988	Moxd1
ENSMUSG00000040026	0.032140253	-4.959474904	1.51E-05	8.45E-05	427.682034	1732.89276	2598.91871	42.6269585	104.3723795	5.935240771	Saa3
ENSMUSG00000104524	0.204228733	-2.291742242	1.52E-05	8.52E-05	67.2456028	164.05504	268.339599	37.89062978	43.08951449	20.7733427	Gm37333
ENSMUSG00000040838	14.70188097	3.877928842	1.53E-05	8.53E-05	4.48304019	0.98236551	0	32.20703531	31.59897729	22.75175629	Gm11639
ENSMUSG00000037185	2.331773433	1.221427616	1.53E-05	8.55E-05	78.9015073	89.3952612	54.6617702	198.9258063	143.631715	180.0356367	Krt80
ENSMUSG00000031284	0.440165478	-1.183882096	1.55E-05	8.65E-05	260.016331	225.944067	383.874704	141.1425959	135.9713568	104.8559203	Pak3
ENSMUSG00000078202	0.43600602	-1.197580041	1.56E-05	8.69E-05	168.562311	195.490736	139.139051	62.51953913	91.92429758	65.28764848	Nrarp
ENSMUSG00000073002	0.456681953	-1.130738317	1.56E-05	8.72E-05	468.926003	795.716061	895.707644	295.5469123	367.6971903	322.4814152	Vamp5
ENSMUSG00000086825	0.365438062	-1.45230119	1.58E-05	8.78E-05	251.05025	311.409866	219.889394	142.0898617	78.51867085	65.28764848	Gm15675
ENSMUSG00000020140	0.16849703	-2.569204931	1.59E-05	8.86E-05	81.5913314	26.5238687	52.1771443	7.578125956	8.617902898	10.88127475	Lgr5
ENSMUSG00000102091	3.093323245	1.6291576	1.61E-05	8.95E-05	71.728643	40.2769858	31.057824	128.8281412	183.8485952	133.5429173	Olfr1034
ENSMUSG00000085382	2.06521636	1.046292932	1.61E-05	8.96E-05	148.836934	146.372461	200.012386	360.9082486	263.3248108	395.6827181	Gm13861
ENSMUSG00000058603	3.732746774	1.900237641	1.62E-05	8.98E-05	12.5525125	18.6649446	23.6039462	54.94141318	58.41023075	89.02861156	Rpl28-ps1
ENSMUSG00000003665	0.227595194	-2.135457999	1.65E-05	9.16E-05	111.179397	104.130744	160.258372	28.41797233	45.96214879	10.88127475	Has1
ENSMUSG00000098132	0.45042597	-1.150638085	1.66E-05	9.22E-05	208.909673	180.755253	156.531433	62.51953913	86.17902898	97.93147272	Rassf10
ENSMUSG00000007080	0.375281938	-1.413953237	1.69E-05	9.38E-05	143.457286	123.778054	80.7503423	42.6269585	46.91969356	41.5466854	Pole
ENSMUSG00000097423	0.156439564	-2.676322676	1.72E-05	9.51E-05	58.2795224	101.183647	258.401096	26.52344084	28.72634299	9.892067951	Gm26522
ENSMUSG00000069273	11.63988995	3.541005513	1.76E-05	9.72E-05	5.37964822	0.98236551	1.24231296	30.31250382	40.21688019	21.76254949	Hist1h3e
ENSMUSG00000009350	0.044233074	-4.498730672	1.78E-05	9.80E-05	38.5541456	37.3298893	11.1808166	0	1.915089533	1.97841359	Mpo
ENSMUSG00000028755	0.328932509	-1.604136495	1.78E-05	9.80E-05	67.2456028	117.883861	84.4772812	35.04883255	24.89616393	28.68699706	Cda
ENSMUSG00000099021	41.50774931	5.375308801	1.79E-05	9.87E-05	1.79321607	0	0	18.94531489	41.17442496	22.75175629	Rn7s1
ENSMUSG00000027379	0.277615502	-1.848839962	1.81E-05	9.96E-05	84.2811555	86.4481647	86.9619071	11.36718893	33.51406683	26.70858347	Bub1
ENSMUSG00000056220	2.048177401	1.034340678	1.81E-05	9.96E-05	589.07148	428.311361	341.636064	1056.201305	977.6532065	753.7755779	Pla2g4a
ENSMUSG00000028542	3.217150039	1.685783221	1.83E-05	0.00010096	293.190828	153.249019	81.9926553	577.8321041	537.182614	590.5564567	Slc6a9
ENSMUSG00000019194	0.473425917	-1.078789408	1.86E-05	0.00010246	1835.35665	3529.63927	2164.10917	1161.347803	1333.85986	1069.332546	Scn1b
ENSMUSG00000024791	0.196415454	-2.348019646	1.87E-05	0.00010278	31.3812813	71.7126821	54.6617702	6.630860211	11.4905372	12.85968834	Cdca5
ENSMUSG00000024530	3.127958439	1.645221344	1.90E-05	0.00010465	34.0711054	21.6120412	55.9040832	105.1464976	122.5657301	117.7156086	Prelid3a
ENSMUSG00000108478	0.161609039	-2.629420199	1.93E-05	0.00010615	46.6236179	114.936764	244.735653	16.10351766	32.55652206	16.81651552	Gm19514
ENSMUSG00000069372	0.089165274	-3.487374233	1.94E-05	0.00010639	25.105025	151.284288	38.5117017	10.41992319	5.745268599	2.967620385	Ctxn3
ENSMUSG00000028040	0.339602337	-1.558081708	1.95E-05	0.00010695	84.2811555	58.9419305	95.6580979	26.52344084	30.64143253	23.74096308	Efna4
ENSMUSG00000031965	6.316102015	2.659034473	1.97E-05	0.00010787	12.5525125	2.94709652	4.96925184	45.46875573	49.79232786	36.60065142	Tbx20
ENSMUSG00000109783	0.092546803	-3.433673032	2.00E-05	0.00010961	26.0016331	25.5415032	21.1193203	1.894531489	3.830179066	0.989206795	Gm45338
ENSMUSG00000040907	0.265991239	-1.910549365	2.02E-05	0.0001107	125.525125	311.409866	208.708577	87.14844849	49.79232786	34.62223783	Atp1a3
ENSMUSG00000050014	0.279286118	-1.84018423	2.07E-05	0.00011278	63.6591706	159.143212	134.1698	25.5761751	35.42915636	38.57906501	Apol10b
ENSMUSG00000022629	0.429827885	-1.218169016	2.09E-05	0.0001142	126.421733	187.631812	200.012386	82.41211977	76.60358132	61.3308213	Kif21a
ENSMUSG00000041737	0.472527645	-1.081529358	2.10E-05	0.00011429	1310.84095	710.250262	1347.90956	520.0488937	563.0363227	508.4522927	Tmem45b
ENSMUSG00000019906	0.245597466	-2.025632419	2.11E-05	0.00011493	84.2811555	60.9066615	69.5695257	28.41797233	14.3631715	9.892067951	Lin7a
ENSMUSG00000049109	4.465982655	2.158977648	2.11E-05	0.00011507	8.96608037	15.7178481	6.2115648	52.09961595	45.96214879	41.5466854	Themis
ENSMUSG00000035246	3.798131433	1.92528983	2.17E-05	0.00011788	12.5525125	19.6473102	16.1500685	46.41602148	82.34884991	54.40637373	Pcyt1b
ENSMUSG00000085972	68.903208	6.106499248	2.17E-05	0.00011811	0	0.98236551	0	10.41992319	41.17442496	24.73016988	1110028F11Rik
ENSMUSG00000048621	0.315951757	-1.662223807	2.24E-05	0.00012138	54.6930903	69.747951	70.8118387	25.5761751	21.06598486	14.83810193	Gm6377
ENSMUSG00000040584	0.396525295	-1.334515195	2.24E-05	0.00012174	596.244345	435.18792	258.401096	181.8750229	182.8910504	147.3918125	Abcb1a
ENSMUSG00000022456	0.186466444	-2.423012062	2.26E-05	0.00012238	58.2795224	85.4657992	40.9963277	17.99804914	11.4905372	4.946033976	3-Sep
ENSMUSG00000029780	2.196320241	1.135088426	2.28E-05	0.00012322	442.92437	668.008545	570.221648	869.5899534	1656.552446	1165.285605	Nt5c3
ENSMUSG00000103469	3.172170311	1.66547023	2.28E-05	0.00012341	68.1422108	50.1006409	33.5424499	107.9882949	154.1647074	222.5715289	Gm9910
ENSMUSG00000086096	0.238794138	-2.066160671	2.30E-05	0.00012426	34.9677134	37.3298893	40.9963277	8.5253917	9.575447664	8.902861156	Gm12688
ENSMUSG00000062248	0.367165711	-1.44549676	2.30E-05	0.00012436	83.3845474	148.337192	141.623677	53.04688169	42.13196972	41.5466854	Cks2
ENSMUSG00000021569	0.215889497	-2.211635039	2.35E-05	0.00012702	35.8643215	54.0301029	75.7810905	11.36718893	16.27826103	7.913654361	Trip13
ENSMUSG00000026893	0.365041916	-1.453865964	2.36E-05	0.00012726	74.4184671	65.818489	65.8425868	23.68164361	22.02352963	29.67620385	Gca
ENSMUSG00000096054	2.341170591	1.227230061	2.37E-05	0.00012805	5119.63189	3101.32791	2095.78196	8791.573374	7394.160686	7973.006769	Syne1
ENSMUSG00000042474	19.57464115	4.290913955	2.38E-05	0.0001282	3.58643215	2.94709652	3.72693888	159.1406451	8.617902898	32.64382424	Fcmr
ENSMUSG00000103364	0.234116466	-2.094701689	2.38E-05	0.0001282	101.316708	163.072674	398.78246	57.78321041	55.53759645	41.5466854	Gm38157
ENSMUSG00000005054	0.498924585	-1.003106334	2.38E-05	0.00012829	829.362434	1440.14783	1428.6599	574.9903069	685.6020528	583.6320091	Cstb
ENSMUSG00000040084	3.58475696	1.84187531	2.42E-05	0.00013	151.526758	168.966867	122.988983	195.1367434	713.370851	682.5526886	Bub1b
ENSMUSG00000041797	0.354433086	-1.496414809	2.42E-05	0.00013005	1489.26595	812.416275	504.379061	369.4336403	311.2020491	314.5677609	Abca9
ENSMUSG00000072653	0.384065192	-1.380576879	2.42E-05	0.00013027	203.530024	123.778054	129.200548	63.46680488	45.00460402	67.26606207	Zfp783
ENSMUSG00000020490	39.47930838	5.303024811	2.43E-05	0.00013057	0	0.98236551	1.24231296	13.26172042	43.08951449	25.71937667	Btnl10
ENSMUSG00000024795	0.439104491	-1.187363805	2.46E-05	0.00013204	133.594598	139.495902	99.3850367	47.36328722	60.32532029	56.38478732	Kif20b
ENSMUSG00000031312	0.121498706	-3.04098715	2.46E-05	0.00013211	66.3489947	519.671354	186.346944	34.1015668	49.79232786	9.892067951	Itgb1bp2
ENSMUSG00000070780	0.324508676	-1.623671044	2.54E-05	0.00013592	185.597864	279.97417	390.086269	129.775407	90.96675281	56.38478732	Rbm47
ENSMUSG00000085604	0.360795258	-1.470747717	2.55E-05	0.00013635	81.5913314	69.747951	73.2964646	28.41797233	20.1084401	32.64382424	Dhx58os
ENSMUSG00000024803	0.436191372	-1.196966861	2.58E-05	0.00013758	324.572109	531.45974	663.39512	252.9199538	197.2542219	211.6902542	Ankrd1
ENSMUSG00000037624	0.297308875	-1.749965565	2.63E-05	0.00014049	46.6236179	57.9595649	64.6002739	13.26172042	21.06598486	15.82730872	Kcnk2
ENSMUSG00000031780	0.16221698	-2.624003253	2.64E-05	0.00014076	36.7609295	45.1888133	42.2386406	11.36718893	6.702813365	1.97841359	Ccl17
ENSMUSG00000031997	3.745639871	1.905212197	2.64E-05	0.00014076	131.801381	101.183647	83.2349683	179.0332257	679.8567842	327.4274492	Trpc6
ENSMUSG00000011263	0.404505209	-1.305769815	2.67E-05	0.00014192	215.185929	288.815459	421.144093	120.3027495	153.2071626	99.90988631	Exoc3l2
ENSMUSG00000105504	0.369274734	-1.437233538	2.67E-05	0.00014211	602.520601	1258.41022	602.521785	271.8652687	235.5560125	402.6071656	Gbp5
ENSMUSG00000004837	0.469964901	-1.089375081	2.68E-05	0.00014237	258.223115	375.263624	450.959604	161.0351766	195.3391324	152.3378465	Grap
ENSMUSG00000036334	0.275205755	-1.861417458	2.71E-05	0.00014414	1326.08329	461.711789	359.028445	182.8222887	182.8910504	225.5391493	Igsf10

ENSMUSG00000049871	0.436819505	-1.194890816	2.72E-05	0.00014433	108.489572	128.689881	140.381364	58.73047616	63.19795459	42.53589219	Nlrc3
ENSMUSG00000033847	0.264340289	-1.919531767	2.72E-05	0.00014452	46.6236179	68.7655855	40.9963277	13.26172042	16.27826103	11.87048154	Pla2g4c
ENSMUSG00000090124	0.158957063	-2.653290971	2.73E-05	0.00014488	98.6268841	56.9771994	31.057824	9.472657445	15.32071626	4.946033976	Ugt1a7c
ENSMUSG00000034773	0.10912651	-3.195926479	2.76E-05	0.00014608	19.7253768	22.5944067	28.5731981	2.841797233	2.872634299	1.97841359	BC030867
ENSMUSG00000003348	2.517084853	1.331753852	2.82E-05	0.00014939	205.32324	167.002136	88.2042201	394.0625497	446.2158612	323.470622	Mob3a
ENSMUSG00000074604	0.364781205	-1.454896697	2.86E-05	0.00015121	78.0048992	60.9066615	94.4157849	27.47070659	29.68388776	27.69779026	Mgst2
ENSMUSG00000110018	0.093017209	-3.426358544	2.86E-05	0.00015121	14.3457286	34.3827928	34.7847629	1.894531489	1.915089533	3.956827181	5430437J10Rik
ENSMUSG00000097131	2.698933912	1.43238965	2.92E-05	0.00015426	61.8659546	49.1182754	31.057824	116.5136866	112.9902824	157.2838804	D230017M19Rik
ENSMUSG00000051998	2.136205599	1.095050506	2.95E-05	0.0001559	80.6947233	100.201282	99.3850367	251.972688	172.358058	173.1111891	Lax1
ENSMUSG00000021676	0.366666777	-1.447458542	2.99E-05	0.00015773	452.787059	347.75739	367.724636	215.9765897	131.183633	81.1149572	Iqgap2
ENSMUSG00000106706	0.183845266	-2.443436064	3.00E-05	0.00015805	56.4863063	170.931598	319.274431	23.68164361	45.96214879	30.66541065	C530043K16Rik
ENSMUSG00000032596	0.493814414	-1.017959146	3.01E-05	0.00015838	945.024871	1407.72977	900.676895	410.1660674	566.8665017	630.1247285	Uba7
ENSMUSG00000057719	15.04799858	3.911499713	3.01E-05	0.00015839	6.27625626	69.747951	13.6654426	387.4316895	436.6404135	527.2472218	Sh3rf2
ENSMUSG00000032691	0.218731023	-2.192770238	3.02E-05	0.00015908	62.7625626	157.178481	69.5695257	31.25976957	18.19335056	13.84889513	Nlrp3
ENSMUSG00000024511	2.736291976	1.452222181	3.06E-05	0.0001611	316.502637	283.903632	130.442861	491.6309214	861.7902898	650.8980712	Rab27b
ENSMUSG00000037375	0.373797866	-1.419669763	3.07E-05	0.00016141	103.109924	91.3599922	145.350616	32.20703531	43.08951449	51.43875335	Hhat
ENSMUSG00000006585	0.374726121	-1.416091547	3.08E-05	0.0001617	87.8675876	126.72515	135.412113	56.83594467	38.30179066	35.61144462	Cdt1
ENSMUSG00000084111	6.486049034	2.69733993	3.09E-05	0.00016242	3.58643215	8.84128957	6.2115648	23.68164361	40.21688019	56.38478732	Gm15710
ENSMUSG00000081382	11.84318982	3.565985801	3.10E-05	0.00016254	0.89660804	1.96473102	3.72693888	17.0507834	30.64143253	26.70858347	Rpl18-ps1
ENSMUSG00000021260	0.229926973	-2.120752376	3.13E-05	0.00016391	150.63015	82.5187026	52.1771443	17.99804914	17.2358058	30.66541065	Hhipl1
ENSMUSG00000054383	3.081047958	1.623421139	3.18E-05	0.00016671	19.7253768	19.6473102	16.1500685	53.04688169	51.70741739	67.26606207	Pnma1
ENSMUSG00000021234	2.796738807	1.483745524	3.21E-05	0.00016795	29.5880652	35.3651583	21.1193203	71.99219658	74.68849178	95.95305913	Fam161b
ENSMUSG00000043263	0.318117992	-1.652366127	3.25E-05	0.00017021	240.290954	637.555214	518.044504	212.1875268	116.8204615	114.7479882	Ifi209
ENSMUSG00000034459	0.103795759	-3.268180595	3.27E-05	0.00017112	657.213691	3133.74597	2955.46253	148.7207219	404.0838914	147.3918125	Ifit1
ENSMUSG00000043953	2.053457264	1.038054923	3.28E-05	0.00017124	137.18103	197.455467	116.777418	287.0215206	293.0086985	349.1899987	Ccrl2
ENSMUSG00000097383	4.828261866	2.271503924	3.37E-05	0.00017596	10.7592964	9.82365508	8.69619071	27.47070659	64.15549935	50.44954655	1500026H17Rik
ENSMUSG00000025551	3.008841646	1.58920818	3.37E-05	0.00017617	270.775627	128.689881	85.7195942	465.1074805	458.6639431	541.0961169	Fgf14
ENSMUSG00000042489	0.294009716	-1.766064264	3.40E-05	0.00017725	86.9709796	111.007302	50.9348313	20.83984638	22.98107439	29.67620385	Clspn
ENSMUSG00000073491	0.244794207	-2.030358678	3.51E-05	0.00018258	92.3506278	369.369431	253.431844	78.62305679	49.79232786	46.49271937	Ifi213
ENSMUSG00000046207	0.459612704	-1.12150942	3.52E-05	0.00018327	160.492839	269.168149	268.339599	105.1464976	107.2450138	107.8235407	Pik3r6
ENSMUSG00000020178	0.498741985	-1.003634439	3.61E-05	0.00018735	134.491206	165.037405	191.316196	78.62305679	81.39130515	84.08257759	Adora2a
ENSMUSG00000039385	2.549437864	1.350179176	3.62E-05	0.0001878	162.286055	95.2894542	69.5695257	260.4980797	263.3248108	314.5677609	Cdh6
ENSMUSG00000052316	0.080539566	-3.634158497	3.63E-05	0.00018822	201.736808	209.243853	1236.10139	55.88867892	44.04705926	32.64382424	Lrrc15
ENSMUSG00000101111	2.451714184	1.293790802	3.64E-05	0.00018877	68.1422108	128.689881	152.804494	314.4922272	279.6030718	259.1721803	Gm28437
ENSMUSG00000028825	9.150668571	3.193877154	3.65E-05	0.00018916	8.96608037	2.94709652	11.1808166	20.83984638	128.3109987	60.3416145	Rhd
ENSMUSG00000090173	2.660669817	1.411789486	3.67E-05	0.00019037	27.7948491	23.5767722	29.815511	66.30860211	66.07058888	83.09337079	Fbxw10
ENSMUSG00000085925	0.143159171	-2.804307999	3.75E-05	0.00019416	26.8982411	31.4356962	90.688846	8.5253917	5.745268599	6.924447566	Rtl1
ENSMUSG00000053040	0.481194211	-1.055308808	3.80E-05	0.00019665	137.18103	181.737619	157.773746	90.93751147	67.02813365	71.22288925	Aph1c
ENSMUSG00000050299	2.956715196	1.563995284	3.83E-05	0.00019847	35.8643215	76.6245096	70.8118387	202.7148693	122.5657301	214.6578745	Gm9843
ENSMUSG00000096506	0.324234812	-1.624889096	3.85E-05	0.00019913	53.7964822	61.889027	53.4194572	21.78711212	19.15089533	13.84889513	CR974586.5
ENSMUSG00000027737	0.12131082	-3.043219865	3.87E-05	0.0002001	45.7270099	358.56341	124.231296	29.36523808	27.76879823	6.924447566	Slc7a11
ENSMUSG00000071317	2.862345236	1.51719769	3.88E-05	0.00020042	83.3845474	239.697184	120.504357	470.791075	423.2347868	375.8985821	Bves
ENSMUSG00000056508	3.227275837	1.690316891	3.91E-05	0.00020217	17.9321607	12.7707516	21.1193203	48.31055297	56.49514122	61.3308213	1700001K19Rik
ENSMUSG00000051000	2.904922763	1.538499805	3.92E-05	0.00020238	86.0743716	231.83826	98.1427238	365.6445774	406.9565257	437.2294034	Fam160a1
ENSMUSG00000103032	0.239228815	-2.063536926	3.93E-05	0.00020304	30.4846733	41.2593513	49.6925184	9.472657445	10.53299243	8.902861156	Gm37121
ENSMUSG00000025993	0.330939764	-1.595359445	3.96E-05	0.00020463	273.465451	315.339328	572.706274	191.3476804	103.4148348	89.02861156	Slc40a1
ENSMUSG00000111065	5.957744659	2.574766293	3.99E-05	0.00020576	3.58643215	3.92946203	8.69619071	32.20703531	27.76879823	33.63303103	Gm47676
ENSMUSG00000081165	6.917527424	2.790256458	4.04E-05	0.00020834	5.37964822	1.96473102	4.96925184	24.62890936	33.51406683	26.70858347	Gm11783
ENSMUSG00000020330	0.336794309	-1.570060333	4.05E-05	0.00020869	86.9709796	157.178481	135.412113	27.47070659	47.87723832	52.42796014	Hmmr
ENSMUSG00000083907	4.176348073	2.062241957	4.05E-05	0.00020869	14.3457286	6.87655855	8.69619071	44.52148999	40.21688019	41.5466854	Plk-ps1
ENSMUSG00000058755	0.185023952	-2.434216053	4.11E-05	0.00021146	29.5880652	75.6421441	55.9040832	12.31445468	12.44808196	4.946033976	Osm
ENSMUSG00000079588	0.161232293	-2.632787369	4.15E-05	0.0002133	109.386181	734.8094	193.800822	41.67969276	88.09411851	37.58985821	Tmem182
ENSMUSG00000097124	0.269482088	-1.891738714	4.17E-05	0.00021417	615.073113	365.439969	149.077555	82.41211977	93.83938711	128.5968834	A530020G20Rik
ENSMUSG00000095677	0.40771286	-1.294374634	4.18E-05	0.0002144	96.833668	79.5716061	108.081227	42.6269585	30.64143253	42.53589219	Dynlt1f
ENSMUSG00000021823	2.906485481	1.539275702	4.19E-05	0.00021523	2830.59157	1745.66351	759.053218	5251.641287	4846.134063	5414.917997	Vcl
ENSMUSG00000044788	0.348683412	-1.520010364	4.26E-05	0.00021859	116.559045	84.4834337	90.688846	46.41602148	32.55652206	22.75175629	Fads6
ENSMUSG00000070336	8.507132727	3.088672963	4.32E-05	0.00022112	6.27625626	5.89419305	1.24231296	20.83984638	34.47161159	62.32002809	Fbxo47
ENSMUSG00000029379	0.043665133	-4.517374467	4.32E-05	0.00022121	5.37964822	129.672247	40.9963277	1.894531489	4.787723832	0.989206795	Cxcl3
ENSMUSG00000033220	0.34554493	-1.533054785	4.34E-05	0.00022202	452.787059	884.128957	641.033487	348.593794	201.084401	133.5429173	Rac2
ENSMUSG00000036362	0.330009427	-1.599420859	4.40E-05	0.0002251	53.7964822	55.9948339	59.631022	23.68164361	16.27826103	15.82730872	P2ry13
ENSMUSG00000110439	0.191897617	-2.381591296	4.48E-05	0.00022892	78.9015073	47.1535444	53.4194572	18.94531489	11.4905372	3.956827181	Gm21320
ENSMUSG00000081209	54.26021797	5.761822938	4.49E-05	0.00022937	0	0.98236551	0	17.0507834	13.40562673	29.67620385	Gm14890
ENSMUSG00000050711	0.119935735	-3.059666525	4.62E-05	0.00023569	29.5880652	16.7002136	26.0885721	2.841797233	2.872634299	2.967620385	Scg2
ENSMUSG00000025723	0.426832137	-1.228259292	4.68E-05	0.00023821	101.316708	104.130744	144.108303	40.73242701	53.62250692	54.40637373	Nmb
ENSMUSG00000016386	3.18111053	1.6695305	4.75E-05	0.00024165	19.7253768	20.6296757	43.4809536	77.67579105	86.17902898	98.92067951	Mpped2
ENSMUSG00000083822	0.048641597	-4.361665594	4.76E-05	0.00024207	8.06947233	40.2769858	31.057824	1.894531489	0.957544766	0.989206795	Hmgb1-ps5
ENSMUSG00000051984	2.165700526	1.11483376	4.78E-05	0.00024279	97.730276	121.813323	64.6002739	195.1367434	208.7447591	214.6578745	Sec31b
ENSMUSG00000103357	10.7410898	3.425068472	4.78E-05	0.00024279	3.58643215	2.94709652	0	19.89258063	25.85370869	28.68699706	Gm7804
ENSMUSG00000021416	0.321440533	-1.637376232	4.79E-05	0.00024315	53.7964822	63.853758	47.2078925	14.20898617	19.15089533	19.7841359	Eci3
ENSMUSG00000018604	0.49124657	-1.025480762	4.82E-05	0.0002444	273.465451	278.009439	424.871032	162.929708	179.0608713	136.5105377	Tbx3
ENSMUSG00000046178	6.265581335	2.647448372	4.86E-05	0.0002463	4.48304019	3.92946203	6.2115648	40.73242701	22.98107439	26.70858347	Nxph1
ENSMUSG00000032034	54.08048657	5.757036227	4.89E-05	0.00024739	0	0.98236551	0	11.36718893	27.76879823	20.7733427	Kcnj5
ENSMUSG00000027219	0.463693689	-1.108756002	4.93E-05	0.00024935	199.046984	247.556108	150.319868	107.0410291	87.13657375	83.09337079	Slc28a2
ENSMUSG00000028927	0.233380979	-2.099241114	4.93E-05	0.00024935	98.6268841	414.558244	186.346944	70.09766509	56.49514122	36.60065142	Padi2
ENSMUSG00000048216	0.141984757	-2.816192045	4.94E-05	0.00024993	33.1744974	37.3298893	17.3923814	4.736328722	2.872634299	4.946033976	Gpr85
ENSMUSG00000030724	9.131058737	3.190782149	4.95E-05	0.00025027	8.06947233	18.6649446	12.4231296	251.972688	22.02352963	83.09337079	Cd19
ENSMUSG00000053469	2.372752807	1.246561808	5.06E-05	0.00025557	52.0032661	40.2769858	52.1771443	96.62110594	103.4148348	142.4457785	Tg
ENSMUSG00000103779	69.17806661	6.112242789	5.09E-05	0.00025659	0.89660804	0	0	51.1523502	8.617902898	16.81651552	Gm36931
ENSMUSG00000026011	0.150997271	-2.727405615	5.12E-05	0.00025808	20.6219849	45.1888133	29.815511	5.683594467	5.745268599	2.967620385	Ctla4
ENSMUSG00000036067	0.31666852	-1.65895464	5.18E-05	0.00026047	67.2456028	144.40773	110.565853	41.67969276	35.42915636	24.73016988	Slc2a6
ENSMUSG00000056025	0.33984614	-1.557046356	5.18E-05	0.00026068	1386.15603	1029.51905	467.109673	249.1308908	446.2158612	284.891557	Clca3a1
ENSMUSG00000066842	0.315857713	-1.662653293	5.20E-05	0.00026156	485.064948	246.573742	214.920142	57.78321041	111.0751929	130.575297	Hmcn1
ENSMUSG00000024910	0.256119818	-1.965109207	5.21E-05	0.00026165	53.7964822	111.989668	48.4502054	16.10351766	21.06598486	17.80572231	Ctsw
ENSMUSG00000004296	0.030426586	-5.038523738	5.22E-05	0.00026191	18.8287688	19.6473102	24.8462592	1.894531489	0	0	Il12b

ENSMUSG00000002565	0.28310838	-1.820573639	5.23E-05	0.00026252	91.4540198	116.901495	45.9655795	27.47070659	22.02352963	22.75175629	Scin
ENSMUSG00000051985	0.029726979	-5.072083337	5.23E-05	0.00026265	47.520226	833.04595	178.893066	20.83984638	7.660358132	2.967620385	Igfn1
ENSMUSG00000098645	0.153760157	-2.701246379	5.28E-05	0.00026475	29.5880652	47.1535444	118.019731	9.472657445	14.3631715	5.935240771	Gm27201
ENSMUSG00000040170	2.45225986	1.294111866	5.28E-05	0.00026508	9378.52007	5338.17417	3480.96091	17174.87521	14922.37764	12533.25009	Fmo2
ENSMUSG00000021098	2.882639308	1.52739033	5.40E-05	0.00026994	28.6914572	18.6649446	26.0885721	60.62500765	65.11304412	86.06099118	4930447C04Rik
ENSMUSG00000024677	0.482695316	-1.050815267	5.41E-05	0.00027063	443.820978	727.932841	566.494709	222.6074499	262.367266	354.1360327	Ms4a6b
ENSMUSG00000079685	0.167465131	-2.578067364	5.42E-05	0.00027114	34.0711054	31.4356962	32.3001369	2.841797233	9.575447664	3.956827181	Ulbp1
ENSMUSG00000100600	17.35308325	4.117120115	5.45E-05	0.00027227	1.79321607	0	2.48462592	16.10351766	19.15089533	36.60065142	A230077H06Rik
ENSMUSG00000044309	0.064221604	-3.960797484	5.56E-05	0.00027749	21.5185929	24.5591377	13.6654426	1.894531489	0.957544766	0.989206795	Apol7c
ENSMUSG00000052951	0.149969967	-2.737254476	5.63E-05	0.00028089	48.416834	25.5415032	28.5731981	2.841797233	8.617902898	3.956827181	C130021I20Rik
ENSMUSG00000105128	69.42029399	6.11728557	5.65E-05	0.00028145	0	1.96473102	0	90.93751147	2.872634299	46.49271937	Gm42870
ENSMUSG00000041757	2.20512269	1.140858928	5.67E-05	0.00028242	198.150376	159.143212	157.773746	494.4727186	252.7918183	389.7474773	Plekha6
ENSMUSG00000035929	0.417387491	-1.260540731	5.73E-05	0.00028547	2067.57813	5092.58279	2911.98158	1190.713041	1308.006151	1705.392515	H2-Q4
ENSMUSG00000047182	0.397062852	-1.332560702	5.79E-05	0.00028821	146.14711	80.5539716	127.958235	48.31055297	44.04705926	48.47113296	Irs3
ENSMUSG00000000942	2.858912754	1.515466594	5.92E-05	0.00029434	30.4846733	31.4356962	32.3001369	125.0390783	73.73094702	70.23368245	Hoxa4
ENSMUSG00000074874	3.834305114	1.938965144	5.94E-05	0.00029523	220.565577	249.520839	311.820553	370.3809061	1888.278279	737.9482692	Ctla2b
ENSMUSG00000086841	0.480311711	-1.05795711	5.95E-05	0.00029538	392.71432	613.978442	734.206959	233.0273731	303.541691	298.7404521	2410006H16Rik
ENSMUSG00000024036	2.663276987	1.41320248	6.00E-05	0.00029807	34.0711054	59.924296	31.057824	126.9336098	100.5422005	106.8343339	Slc37a1
ENSMUSG00000058905	8.00126947	3.000228914	6.08E-05	0.00030156	0.89660804	5.89419305	3.72693888	30.31250382	26.81125346	25.71937667	Gm10051
ENSMUSG00000005947	0.252798886	-1.983937989	6.11E-05	0.00030284	41.2439697	55.9948339	39.7540147	16.10351766	7.660358132	10.88127475	Itgae
ENSMUSG00000051243	0.40358665	-1.309049642	6.17E-05	0.00030529	150.63015	158.160847	290.701232	74.83399381	84.26393945	82.104164	Islr2
ENSMUSG00000022485	0.444451008	-1.169903698	6.18E-05	0.00030591	192.770728	131.636978	122.988983	75.78125956	63.19795459	60.3416145	Hoxc5
ENSMUSG00000037313	0.45967573	-1.1213116	6.25E-05	0.00030914	224.152009	231.83826	355.301506	117.4609523	102.45729	152.3378465	Tacc3
ENSMUSG00000100210	12.78945334	3.676882695	6.27E-05	0.00030956	1.79321607	0.98236551	2.48462592	14.20898617	22.02352963	29.67620385	Hist1h3f
ENSMUSG00000084992	42.30161585	5.402640868	6.32E-05	0.00031199	0	0	2.48462592	12.31445468	59.36777552	19.7841359	Gm13842
ENSMUSG00000032766	2.940167141	1.555898171	6.35E-05	0.00031329	1179.03957	1383.17063	1550.40657	1914.42407	6936.454288	3239.652254	Gng11
ENSMUSG00000017453	3.24639156	1.698837019	6.49E-05	0.00032004	69.9354269	50.1006409	23.6039462	176.1914285	110.1176481	183.9924639	Pipox
ENSMUSG00000093838	0.011113157	-6.491587519	6.55E-05	0.00032283	74.4184671	4.91182754	13.6654426	0	0.957544766	0	Ighv3-1
ENSMUSG00000109136	4.633444153	2.212084983	6.56E-05	0.00032332	19.7253768	5.89419305	8.69619071	42.6269585	62.24040982	56.38478732	Gm45114
ENSMUSG00000032372	0.486494696	-1.039504018	6.57E-05	0.00032335	198.150376	174.86106	126.715922	83.35938551	80.43376038	80.12575041	Plscr2
ENSMUSG00000050663	0.208014605	-2.265243272	6.76E-05	0.00033167	34.0711054	34.3827928	28.5731981	9.472657445	4.787723832	5.935240771	Trhde
ENSMUSG00000040666	2.670863309	1.417306143	6.83E-05	0.00033503	1009.58065	2899.94298	1165.28956	4697.490827	4558.870633	4299.092732	Sh3bgr
ENSMUSG00000060240	2.128708627	1.08997849	6.88E-05	0.00033716	73.521859	56.9771994	75.7810905	151.5625191	117.7780063	169.154362	Cend1
ENSMUSG00000105224	0.213240536	-2.229446378	6.93E-05	0.00033942	37.6575376	81.5363371	157.773746	20.83984638	18.19335056	19.7841359	Gm3364
ENSMUSG00000043153	0.407790609	-1.294099543	6.94E-05	0.00034008	93.2472359	81.5363371	73.2964646	33.15430106	27.76879823	40.5574786	Ispd
ENSMUSG00000069515	0.226521298	-2.14228139	6.95E-05	0.00034033	288.707788	742.668324	347.847629	180.9277572	94.79693188	36.60065142	Lyz1
ENSMUSG00000094546	0.043911072	-4.509271436	6.96E-05	0.00034057	26.8982411	45.1888133	14.9077555	3.789062978	0	0	Ighv1-26
ENSMUSG00000105748	0.287227609	-1.799733664	7.01E-05	0.00034261	59.1761304	86.4481647	144.108303	22.73437787	36.38670112	23.74096308	Gm43088
ENSMUSG00000001281	0.302815019	-1.723491334	7.02E-05	0.00034304	160.492839	416.522975	250.947218	126.9336098	59.36777552	64.29844168	Itgb7
ENSMUSG00000109517	0.139658397	-2.840025773	7.03E-05	0.00034352	24.208417	23.5767722	28.5731981	2.841797233	1.915089533	5.935240771	Gm44763
ENSMUSG00000107091	0.269519241	-1.891539822	7.06E-05	0.00034481	108.489572	181.737619	427.355658	62.51953913	63.19795459	67.26606207	Gm43343
ENSMUSG00000076934	0.19340889	-2.370273987	7.08E-05	0.00034597	74.4184671	192.543639	55.9040832	32.20703531	11.4905372	18.79492911	Iglv1
ENSMUSG00000035121	0.259791249	-1.94457526	7.13E-05	0.00034804	36.7609295	36.3475238	38.5117017	7.578125956	9.575447664	11.87048154	Neil2
ENSMUSG00000027224	0.174668361	-2.517309786	7.17E-05	0.00034987	44.8304019	30.4533307	68.3272128	14.20898617	3.830179066	6.924447566	Duoxa1
ENSMUSG00000046275	0.450581361	-1.150140458	7.19E-05	0.0003509	1103.72449	503.953505	1016.212	376.0645006	423.2347868	382.8230297	Tusc5
ENSMUSG00000035186	0.123910703	-3.012627285	7.37E-05	0.0003589	15.2423366	131.636978	63.3579609	9.472657445	7.660358132	8.902861156	Ubd
ENSMUSG00000103593	2.620583591	1.389888129	7.40E-05	0.00036011	102.213316	63.853758	52.1771443	253.8672195	165.6552446	155.3054668	Gm37352
ENSMUSG00000025475	0.10619743	-3.235179247	7.44E-05	0.00036201	29.5880652	12.7707516	39.7540147	1.894531489	3.830179066	2.967620385	Adgra1
ENSMUSG00000050700	0.225453595	-2.149097579	7.45E-05	0.00036228	50.2100501	25.5415032	48.4502054	10.41992319	7.660358132	9.892067951	Emilin3
ENSMUSG00000024727	0.304976585	-1.713229612	7.49E-05	0.00036379	65.4523867	50.1006409	62.115648	16.10351766	12.44808196	25.71937667	Trpm6
ENSMUSG00000083863	2.634621807	1.397595882	7.49E-05	0.00036379	22.4152009	42.2417168	43.4809536	96.62110594	89.05166328	96.94226592	Gm13341
ENSMUSG00000095079	0.040933815	-4.610563062	7.49E-05	0.00036379	3644.71167	8378.59541	6351.94616	115.5664208	612.8286505	23.74096308	Igha
ENSMUSG00000020185	0.206505137	-2.275750423	7.51E-05	0.00036441	59.1761304	76.6245096	88.2042201	7.578125956	29.68388776	8.902861156	E2f7
ENSMUSG00000093561	0.236711091	-2.078800789	7.52E-05	0.00036502	34.0711054	74.6597786	108.081227	18.94531489	15.32071626	16.81651552	NA
ENSMUSG00000075010	0.379421189	-1.398127845	7.68E-05	0.00037211	282.431532	759.368537	513.075252	176.1914285	173.3156027	240.3772512	AW112010
ENSMUSG00000026885	2.150924669	1.104956999	7.71E-05	0.00037313	53.7964822	55.0124684	57.1463961	105.1464976	145.5468045	105.8451271	Ttll11
ENSMUSG00000073785	11.07211738	3.468859237	7.71E-05	0.00037313	7.1728643	1.96473102	0	24.62890936	29.68388776	52.42796014	Krtap5-5
ENSMUSG00000045362	0.44558226	-1.1662363	7.73E-05	0.00037391	108.489572	167.984502	125.473609	68.2031336	59.36777552	51.43875335	Tnfrsf26
ENSMUSG00000082035	12.38483293	3.630502502	7.78E-05	0.0003759	0	3.92946203	2.48462592	17.0507834	28.72634299	31.65461744	Rpl17-ps8
ENSMUSG00000097823	2.248240611	1.168796444	7.92E-05	0.00038248	38.5541456	34.3827928	37.2693888	88.09571424	76.60358132	83.09337079	Gm16701
ENSMUSG00000036223	0.162482596	-2.621642899	8.01E-05	0.00038627	21.5185929	28.4885997	39.7540147	2.841797233	4.787723832	6.924447566	Ska1
ENSMUSG00000074491	21.60138383	4.433051832	8.06E-05	0.00038861	0	1.96473102	1.24231296	32.20703531	22.98107439	11.87048154	Clec4g
ENSMUSG00000034317	2.17181889	1.118903801	8.18E-05	0.00039405	240.290954	221.032239	244.735653	320.1758216	679.8567842	533.1824626	Trim59
ENSMUSG00000080021	7.397733636	2.887083356	8.32E-05	0.00040014	5.37964822	3.92946203	8.69619071	17.99804914	74.68849178	38.57906501	Gm5915
ENSMUSG00000063229	0.409089798	-1.289510534	8.51E-05	0.00040864	6673.45362	18204.2152	9180.69277	4350.791564	5363.208237	4218.966981	Ldha
ENSMUSG00000104851	0.189942962	-2.396361837	8.52E-05	0.00040884	60.0727385	108.060206	267.097286	33.15430106	36.38670112	12.85968834	E030026E10Rik
ENSMUSG00000079053	0.09161753	-3.448232523	8.62E-05	0.00041361	13.4491206	44.2064478	37.2693888	0.947265744	5.745268599	1.97841359	Gm14010
ENSMUSG00000021702	0.04789622	-4.383944378	8.67E-05	0.00041602	1492.85238	927.353039	2960.43178	204.6094008	41.17442496	11.87048154	Thbs4
ENSMUSG00000037605	0.225617342	-2.148050129	8.68E-05	0.00041603	52.8998742	53.0477374	60.873335	5.683594467	22.02352963	9.892067951	Adgrl3
ENSMUSG00000040466	2.075218356	1.053263146	8.69E-05	0.00041646	600.727385	752.491979	818.68424	961.4747306	1958.179047	1585.698493	Blvrb
ENSMUSG00000021187	0.298560719	-1.743903729	8.71E-05	0.00041713	165.872487	99.2189163	59.631022	36.94336403	29.68388776	30.66541065	Tc2n
ENSMUSG00000075707	0.044446337	-4.491791653	8.74E-05	0.00041848	16.1389447	26.5238687	22.3616333	0	2.872634299	0	Dio3
ENSMUSG00000111361	0.23494868	-2.089582435	8.81E-05	0.00042145	79.7981153	239.697184	362.755384	36.94336403	76.60358132	46.49271937	Gm47445
ENSMUSG00000019876	0.178263398	-2.487917582	8.92E-05	0.00042655	42.1405777	95.2894542	115.535105	28.41797233	9.575447664	6.924447566	Pkib
ENSMUSG00000040265	0.407197465	-1.296199515	8.93E-05	0.00042667	319.192461	240.679549	170.196875	68.2031336	112.0327377	117.7156086	Dnm3
ENSMUSG00000096349	11.42521434	3.514149326	8.94E-05	0.00042726	2.68982411	1.96473102	1.24231296	33.15430106	22.98107439	12.85968834	Gm22513
ENSMUSG00000038037	0.34209494	-1.547531328	8.97E-05	0.00042822	124.628517	236.750087	320.516743	54.94141318	93.83938711	84.08257759	Socs1
ENSMUSG00000016529	0.070461212	-3.827026892	8.99E-05	0.0004292	8.96608037	27.5062342	45.9655795	1.894531489	2.872634299	0.989206795	Il10
ENSMUSG00000000204	0.229876299	-2.121070369	9.10E-05	0.00043378	149.733542	777.051116	268.339599	102.3047004	111.0751929	61.3308213	Slfn4
ENSMUSG00000031298	0.493246731	-1.019618605	9.10E-05	0.00043381	201.736808	134.584075	190.073883	76.7285253	93.83938711	89.02861156	Adgrg2
ENSMUSG00000098090	0.312502276	-1.678061399	9.21E-05	0.00043842	62.7625626	83.5010681	70.8118387	17.0507834	16.27826103	34.62223783	2700099C18Rik
ENSMUSG00000045871	0.265808223	-1.911542356	9.25E-05	0.00044005	104.006532	57.9595649	48.4502054	13.26172042	17.2358058	25.71937667	Slitrk6
ENSMUSG00000052760	0.351299774	-1.509225448	9.29E-05	0.00044171	180.218215	256.397397	213.677829	123.1445468	51.70741739	53.41716694	A630001G21Rik
ENSMUSG00000109812	0.347218539	-1.526084116	9.40E-05	0.0004467	202.633416	370.351796	648.487365	128.8281412	153.2071626	141.4565717	Gm45640

ENSMUSG00000057606	0.151170184	-2.725754474	9.65E-05	0.00045793	17.9321607	55.0124684	36.0270758	3.789062978	4.787723832	7.913654361	Colq
ENSMUSG00000021135	19.49502198	4.285033876	9.68E-05	0.0004592	1.79321607	3.92946203	3.72693888	158.1933793	11.4905372	12.85968834	Slc10a1
ENSMUSG00000067786	0.485274954	-1.043125694	9.70E-05	0.00046014	545.137687	458.764692	841.045873	269.0234714	357.1641979	268.0750415	Nnat
ENSMUSG00000095217	8.768749859	3.132371176	9.94E-05	0.00047118	2.68982411	2.94709652	4.96925184	25.5761751	50.74987262	14.83810193	Hist1h2bn
ENSMUSG00000047798	0.242240721	-2.045486693	9.97E-05	0.00047231	103.109924	221.032239	177.650753	69.15039935	36.38670112	15.82730872	Cd300lf
ENSMUSG00000100131	2.099931382	1.070342187	9.98E-05	0.00047245	43.9337938	44.2064478	48.4502054	104.1992319	92.88184235	89.02861156	Gm28439
ENSMUSG00000046818	0.263614593	-1.923497856	0.00010002	0.00047342	201.736808	573.701456	219.889394	68.2031336	139.8015359	54.40637373	Ddit4l
ENSMUSG00000086763	0.139303971	-2.843691706	0.00010043	0.0004752	15.2423366	41.2593513	33.5424499	5.683594467	3.830179066	2.967620385	Plxna4os1
ENSMUSG00000090386	0.405024656	-1.30391836	0.00010051	0.00047546	873.296228	1495.1603	2453.56809	637.509846	749.7575521	564.83708	Mir99ahg
ENSMUSG00000027456	0.468694754	-1.093279449	0.00010073	0.00047636	96.833668	121.813323	113.050479	43.57422425	60.32532029	51.43875335	Sdcbp2
ENSMUSG00000021451	0.390589716	-1.35627413	0.00010076	0.0004764	406.163441	760.350903	419.90178	298.3887095	156.0797969	165.1975348	Sema4d
ENSMUSG00000035373	0.064578466	-3.952803019	0.00010083	0.00047656	310.226381	731.862303	1198.83201	24.62890936	109.1601034	10.88127475	Ccl7
ENSMUSG00000103662	0.309277429	-1.693026547	0.00010178	0.00048077	106.696356	87.4305302	44.7232665	25.5761751	24.89616393	23.74096308	Gm34294
ENSMUSG00000010461	0.261215577	-1.936687163	0.00010294	0.00048616	82.4879394	113.954399	43.4809536	13.26172042	23.93861916	25.71937667	Eya4
ENSMUSG00000043673	2.420504465	1.275307756	0.00010314	0.00048695	178.424999	93.3247232	114.292792	414.9023961	239.3861916	281.9239366	Kcns3
ENSMUSG00000022012	0.298850623	-1.742503545	0.00010527	0.00049603	59.1761304	60.9066615	99.3850367	25.5761751	26.81125346	12.85968834	Enox1
ENSMUSG00000033705	0.454868978	-1.136477048	0.00010611	0.00049982	1978.81394	1145.43818	872.103697	609.0918737	540.0552483	669.6930003	Stard9
ENSMUSG00000039960	0.47684032	-1.068421865	0.00010641	0.00050111	529.89535	655.237794	1098.20466	372.2754376	357.1641979	358.0928598	Rhou
ENSMUSG00000008540	0.495313193	-1.013587046	0.00010646	0.00050121	3596.29484	2758.48235	3873.53181	2353.955375	1517.708455	1193.972602	Mgst1
ENSMUSG00000020649	0.438728442	-1.188599858	0.00010764	0.00050665	198.150376	249.520839	253.431844	76.7285253	146.5043493	84.08257759	Rrm2
ENSMUSG00000021384	0.372435133	-1.424938922	0.00010779	0.00050715	70.8320349	141.460633	116.777418	47.36328722	36.38670112	38.57906501	Susd3
ENSMUSG00000095385	0.117816824	-3.085382525	0.00010794	0.0005076	18.8287688	24.5591377	22.3616333	0.947265744	2.872634299	3.956827181	D630033O11Rik
ENSMUSG00000109735	3.417919666	1.773118489	0.00011057	0.00051909	13.4491206	12.7707516	9.93850367	38.83789552	38.30179066	47.48192617	Gm45667
ENSMUSG00000039853	0.375272028	-1.413991336	0.00011297	0.00052963	79.7981153	88.4128957	64.6002739	38.83789552	24.89616393	23.74096308	Trim14
ENSMUSG00000026126	0.333845149	-1.582749017	0.00011469	0.00053696	289.604396	519.671354	627.368044	81.46485402	232.6833782	165.1975348	Ptpn18
ENSMUSG00000032511	0.39537161	-1.338718815	0.00011567	0.00054125	122.835301	81.5363371	80.7503423	30.31250382	38.30179066	44.51430578	Scn5a
ENSMUSG00000061533	2.201229549	1.1383096	0.00011732	0.00054866	139.870854	145.390095	116.777418	193.2422119	306.4143253	386.7798569	Cep128
ENSMUSG00000086845	4.543378699	2.183765562	0.00011759	0.00054946	4.48304019	12.7707516	9.93850367	35.04883255	51.70741739	35.61144462	Gm13010
ENSMUSG00000023043	2.143087269	1.0996906	0.00011777	0.00055008	86.9709796	172.896329	114.292792	285.1269891	265.2399003	251.258526	Krt18
ENSMUSG00000038932	0.070365484	-3.828988257	0.0001193	0.00055668	29.5880652	12.7707516	53.4194572	1.894531489	4.787723832	0	Tcfl5
ENSMUSG00000081583	3.551028308	1.828236861	0.00011958	0.00055784	13.4491206	12.7707516	33.5424499	76.7285253	61.28286505	70.23368245	Gm14769
ENSMUSG00000025019	2.526138965	1.336934005	0.00011999	0.00055956	161.389447	102.166013	62.115648	236.8164361	280.5606166	309.6217269	Lcor
ENSMUSG00000022225	0.483854551	-1.047354664	0.00012117	0.00056475	183.804648	315.339328	233.554836	119.3554838	133.0987225	101.8882999	Cma1
ENSMUSG00000050708	0.478725517	-1.062729389	0.00012239	0.0005703	20787.8573	34091.0302	40949.1198	12078.58551	19937.99713	13857.79799	Ftl1
ENSMUSG00000102553	3.44536989	1.784658877	0.00012445	0.0005794	18.8287688	12.7707516	19.8770073	66.30860211	72.77340225	37.58985821	D930036K23Rik
ENSMUSG00000056328	0.041751978	-4.582011641	0.00012551	0.00058419	766.599872	11247.1027	1443.56766	115.5664208	354.2915636	91.99623195	Myh1
ENSMUSG00000107529	0.283933059	-1.816377262	0.00012688	0.00059006	44.8304019	70.7303165	113.050479	17.99804914	26.81125346	19.7841359	Gm44291
ENSMUSG00000078700	2.059065681	1.04198985	0.00012767	0.0005931	92.3506278	78.5892406	84.4772812	134.5117357	172.358058	219.6039085	D030028A08Rik
ENSMUSG00000055003	4.210923195	2.074136562	0.00012855	0.00059666	10.7592964	18.6649446	6.2115648	67.25586786	44.04705926	40.5574786	Lrtm2
ENSMUSG00000052889	0.286346008	-1.804168606	0.00012885	0.00059775	242.980778	515.741891	653.456617	228.2910444	101.4997452	74.19050963	Prkcb
ENSMUSG00000050860	3.305390003	1.724820505	0.00012936	0.00059975	32.2778893	66.8008545	21.1193203	125.986344	166.6127894	106.8343339	Phospho1
ENSMUSG00000071860	29.36368415	4.875961084	0.00013051	0.00060462	0	1.96473102	0	18.94531489	25.85370869	14.83810193	2900055J20Rik
ENSMUSG00000056145	2.571098476	1.362384868	0.00013184	0.00060976	96.833668	172.896329	108.081227	264.2871427	473.0271146	234.4420104	AI504432
ENSMUSG00000097906	3.157742234	1.658893409	0.00013182	0.00060976	15.2423366	14.7354826	18.6346944	37.89062978	57.45268599	57.37399412	Gm9625
ENSMUSG00000029778	0.432363856	-1.209682172	0.00013218	0.00061116	287.81118	173.878695	183.862318	68.2031336	96.71202141	114.7479882	Adcyap1r1
ENSMUSG00000024039	4.143539498	2.050863675	0.00013624	0.0006282	33.1744974	16.7002136	28.5731981	188.5058831	61.28286505	75.17971643	Cbs
ENSMUSG00000051124	0.48362835	-1.048029279	0.00013794	0.00063546	107.592964	124.760419	108.081227	66.30860211	47.87723832	50.44954655	Gimap9
ENSMUSG00000089694	0.164301253	-2.605584615	0.00013797	0.00063546	32.2778893	27.5062342	22.3616333	4.736328722	1.915089533	6.924447566	Nat8f7
ENSMUSG00000025938	0.140547153	-2.83087386	0.00013854	0.00063722	43.9337938	220.049874	70.8118387	9.472657445	30.64143253	6.924447566	Slco5a1
ENSMUSG00000034438	0.178765447	-2.483860186	0.00013996	0.00064306	56.4863063	282.921266	65.8425868	25.5761751	16.27826103	30.66541065	Gbp8
ENSMUSG00000025813	0.425850862	-1.231579824	0.00014015	0.00064374	87.8675876	92.3423577	93.1734719	48.31055297	40.21688019	27.69779026	Homer2
ENSMUSG00000102344	0.16905629	-2.564424397	0.00014056	0.00064545	17.9321607	46.1711789	73.2964646	8.5253917	8.617902898	5.935240771	9430053O09Rik
ENSMUSG00000089827	4.475221957	2.161959237	0.00014196	0.00065067	7.1728643	5.89419305	8.69619071	32.20703531	24.89616393	39.56827181	1700023H06Rik
ENSMUSG00000033249	0.490653429	-1.027223752	0.00014275	0.00065408	101.316708	108.060206	100.62735	55.88867892	53.62250692	42.53589219	Hsf4
ENSMUSG00000029638	2.299628288	1.201400683	0.000144	0.00065909	36.7609295	32.4180617	34.7847629	69.15039935	91.92429758	78.14733682	Glcci1
ENSMUSG00000029373	2.932553472	1.552157415	0.00014522	0.00066433	524.515702	642.467042	914.342338	1014.521612	3498.868577	1587.676906	Pf4
ENSMUSG00000002835	0.41703932	-1.261744681	0.00014838	0.00067805	91.4540198	137.531171	124.231296	57.78321041	54.58005169	34.62223783	Chaf1a
ENSMUSG00000041449	0.089746296	-3.478003787	0.00014901	0.00068037	24.208417	21.6120412	18.6346944	0	3.830179066	1.97841359	Serpina3h
ENSMUSG00000037892	0.427091938	-1.22738143	0.00015029	0.00068565	508.376757	213.173315	331.69756	154.4043163	151.2920731	144.4241921	Pcdh18
ENSMUSG00000020435	0.42572289	-1.232013433	0.00015039	0.0006859	90.5574117	80.5539716	96.9004108	27.47070659	44.04705926	42.53589219	Osbp2
ENSMUSG00000039774	0.319708493	-1.645171026	0.00015261	0.00069547	53.7964822	63.853758	50.9348313	24.62890936	11.4905372	17.80572231	Galnt12
ENSMUSG00000055612	0.402628346	-1.312479351	0.00015307	0.00069691	70.8320349	68.7655855	105.596602	35.04883255	33.51406683	29.67620385	Cdca7
ENSMUSG00000022126	0.039854211	-4.649124031	0.00015376	0.00069956	23.311809	562.895436	110.565853	13.26172042	10.53299243	3.956827181	Acod1
ENSMUSG00000098661	3.15682821	1.658475754	0.00015536	0.00070665	11.6559045	16.7002136	16.1500685	44.52148999	54.58005169	40.5574786	Mir7052
ENSMUSG00000038738	2.009430914	1.006786977	0.00015594	0.0007091	206.219849	113.954399	150.319868	269.9707372	348.546295	328.416656	Shank1
ENSMUSG00000028278	0.205420718	-2.283346404	0.00015651	0.00071135	141.66407	860.552185	176.40844	69.15039935	91.92429758	81.1149572	Rragd
ENSMUSG00000069270	11.59761564	3.535756326	0.00015652	0.00071135	1.79321607	1.96473102	1.24231296	13.26172042	27.76879823	17.80572231	Hist1h2ac
ENSMUSG00000021880	0.2768818	-1.852657867	0.00015722	0.00071417	49.313442	111.007302	100.62735	35.99609829	16.27826103	19.7841359	Rnase6
ENSMUSG00000026994	0.078808193	-3.665510575	0.00015819	0.00071797	17.9321607	30.4533307	12.4231296	2.841797233	0.957544766	0.989206795	Galnt3
ENSMUSG00000103409	3.1507193	1.655681229	0.00015833	0.00071842	27.7948491	59.924296	19.8770073	107.0410291	104.3723795	129.5860902	Lsmem2
ENSMUSG00000039956	0.450275333	-1.151120647	0.00016014	0.00072605	598.934169	280.956535	567.737022	200.8203378	247.0465497	203.7765998	Mrap
ENSMUSG00000086040	0.491022853	-1.026137922	0.00016223	0.00073512	805.154017	615.943173	422.386406	240.6054991	330.3529444	335.3411035	Wipf3
ENSMUSG00000018845	0.399418443	-1.324027144	0.00016245	0.00073592	531.688566	1517.75471	842.288186	366.5918431	450.0460402	338.3087239	Unc45b
ENSMUSG00000074782	0.43108288	-1.213962827	0.00016348	0.00074017	119.248869	87.4305302	95.6580979	34.1015668	42.13196972	54.40637373	4833422C13Rik
ENSMUSG00000034755	3.27921656	1.713351181	0.00016387	0.00074175	11.6559045	11.7883861	19.8770073	39.78516127	50.74987262	49.46033976	Pcdh11x
ENSMUSG00000024210	0.255714441	-1.967394461	0.00016511	0.0007466	50.2100501	187.631812	94.4157849	22.73437787	32.55652206	29.67620385	Ip6k3
ENSMUSG00000033006	0.431563281	-1.212355974	0.00016512	0.0007466	170.355527	138.513537	94.4157849	49.25781871	66.07058888	59.35240771	Sox10
ENSMUSG00000037996	0.164640739	-2.60260673	0.00016524	0.00074695	25.105025	27.5062342	17.3923814	3.789062978	3.830179066	3.956827181	Slc24a2
ENSMUSG00000020524	4.343594784	2.11888952	0.00016671	0.00075296	6.27625626	26.5238687	39.7540147	117.4609523	99.58465571	93.97464554	Gria1
ENSMUSG00000039057	0.136420776	-2.873864717	0.00016877	0.00076149	15.2423366	22.5944067	26.0885721	2.841797233	2.872634299	2.967620385	Myo16
ENSMUSG00000098708	3.354743131	1.746202305	0.00016956	0.00076483	23.311809	14.7354826	13.6654426	56.83594467	76.60358132	41.5466854	Gm27252
ENSMUSG00000104835	0.123759901	-3.014384145	0.00016977	0.00076558	15.2423366	33.4004273	29.815511	0.947265744	3.830179066	4.946033976	Gm5547
ENSMUSG00000063821	0.093794083	-3.414359278	0.00017131	0.00077188	47.520226	370.351796	83.2349683	5.683594467	37.34424589	3.956827181	Dupd1
ENSMUSG00000009214	0.048702444	-4.359862021	0.00017311	0.00077956	6.27625626	47.1535444	64.6002739	4.736328722	0.957544766	0	Mymk

ENSMUSG00000028212	2.253208567	1.171980862	0.00017333	0.00078034	144.353894	172.896329	202.497012	233.0273731	459.6214879	476.7976753	Ccne2
ENSMUSG00000000094	0.093217487	-3.423255573	0.00017404	0.00078336	19.7253768	24.5591377	17.3923814	2.841797233	2.872634299	0	Tbx4
ENSMUSG00000097467	0.095335981	-3.390835374	0.00017459	0.00078531	17.9321607	16.7002136	26.0885721	3.789062978	0.957544766	0.989206795	Gm26737
ENSMUSG00000033196	0.253528344	-1.97978105	0.00017507	0.00078669	128.214949	284.885997	67.0848998	33.15430106	36.38670112	52.42796014	Myh2
ENSMUSG00000064350	2.88762696	1.529884379	0.00017608	0.00079104	34.0711054	35.3651583	32.3001369	146.8261904	67.98567842	79.13654361	mt-Ty
ENSMUSG00000104116	3.754214572	1.90851111	0.0001768	0.00079407	15.2423366	14.7354826	7.45387776	61.57227339	34.47161159	46.49271937	Gm37296
ENSMUSG00000039116	0.47689767	-1.06824836	0.00017702	0.00079444	657.213691	588.436939	335.424499	213.1347925	243.2163707	298.7404521	Adgrg6
ENSMUSG00000041660	14.35728848	3.843711402	0.00017702	0.00079444	1.79321607	1.96473102	2.48462592	62.51953913	16.27826103	9.892067951	Bbox1
ENSMUSG00000024304	0.46446787	-1.106349295	0.00017864	0.00080081	244.773994	147.354826	229.827897	119.3554838	84.26393945	85.07178438	Cdh2
ENSMUSG00000042807	0.475112687	-1.073658364	0.0001787	0.00080088	259.119723	174.86106	146.592929	91.88477721	98.62711094	86.06099118	Hecw2
ENSMUSG00000043051	0.279882378	-1.83710744	0.0001839	0.00082286	43.0371858	33.4004273	40.9963277	7.578125956	11.4905372	13.84889513	Disc1
ENSMUSG00000103881	0.055938298	-4.160019832	0.00018428	0.00082433	13.4491206	12.7707516	43.4809536	0	1.915089533	1.97841359	Gm10748
ENSMUSG00000048521	0.209092201	-2.257788842	0.0001852	0.00082801	45.7270099	119.848592	75.7810905	5.683594467	20.1084401	24.73016988	Cxcr6
ENSMUSG00000106732	0.218898189	-2.191668074	0.00018534	0.00082842	23.311809	60.9066615	79.5080294	13.26172042	10.53299243	11.87048154	Gm43792
ENSMUSG00000037681	0.131385533	-2.928121664	0.00018698	0.00083533	49.313442	21.6120412	23.6039462	6.630860211	4.787723832	0.989206795	Esyt3
ENSMUSG00000023176	17.05300716	4.091954264	0.00018813	0.00083977	1.79321607	5.89419305	4.96925184	185.6640859	7.660358132	20.7733427	Cpn2
ENSMUSG00000043969	0.118980554	-3.071202295	0.00018944	0.00084497	11.6559045	24.5591377	37.2693888	2.841797233	2.872634299	2.967620385	Emx2
ENSMUSG00000047197	0.128298404	-2.962424877	0.00018982	0.00084619	24.208417	17.6825791	26.0885721	2.841797233	0.957544766	4.946033976	Gjd3
ENSMUSG00000041220	2.031581662	1.022603356	0.00018987	0.00084619	424.095602	230.855894	417.417154	853.4864358	582.187218	741.9050963	Elovl6
ENSMUSG00000074852	2.884471273	1.528306896	0.00019017	0.00084707	69.0388189	57.9595649	22.3616333	136.4062672	131.183633	167.1759484	Hpse2
ENSMUSG00000022686	2.41371756	1.27125687	0.00019091	0.00084991	98.6268841	77.6068751	73.2964646	292.705115	145.5468045	165.1975348	B3gnt5
ENSMUSG00000031458	0.473142032	-1.079654766	0.00019134	0.00085164	127.318341	151.284288	206.223951	64.41407062	88.09411851	76.16892323	Coprs
ENSMUSG00000017146	0.386100241	-1.372952641	0.00019211	0.00085458	72.625251	76.6245096	52.1771443	24.62890936	30.64143253	22.75175629	Brca1
ENSMUSG00000049598	0.135196012	-2.8868755	0.00019342	0.00085882	14.3457286	47.1535444	31.057824	4.736328722	5.745268599	1.97841359	Vsig8
ENSMUSG00000026955	0.130984249	-2.932534762	0.00019395	0.00086072	13.4491206	30.4533307	29.815511	4.736328722	2.872634299	1.97841359	Sapcd2
ENSMUSG00000015224	0.444178603	-1.170788198	0.00019614	0.00086976	150.63015	102.166013	93.1734719	51.1523502	56.49514122	46.49271937	Cyp2j9
ENSMUSG00000074796	0.380636579	-1.393513882	0.00019626	0.00086985	65.4523867	61.889027	49.6925184	20.83984638	20.1084401	26.70858347	Slc4a11
ENSMUSG00000078915	3.592441633	1.844964717	0.00019751	0.0008749	10.7592964	11.7883861	11.1808166	48.31055297	44.04705926	28.68699706	Hsp25-ps1
ENSMUSG00000077391	11.40289123	3.511327764	0.00019791	0.00087644	1.79321607	2.94709652	0	17.99804914	18.19335056	20.7733427	Gm24336
ENSMUSG00000021536	0.461870856	-1.114438579	0.00019874	0.00087966	261.809547	181.737619	139.139051	86.20118275	99.58465571	84.08257759	Adcy2
ENSMUSG00000005161	2.063436574	1.045049093	0.0001992	0.00088147	2413.66884	2888.15459	3323.18717	3448.994576	7302.236389	7044.141588	Prdx2
ENSMUSG00000003949	2.168710623	1.116837563	0.00020079	0.00088803	778.255776	606.119518	515.559878	1971.260014	1267.789271	883.3616681	Hlf
ENSMUSG00000046908	0.30940054	-1.69245238	0.0002014	0.00089051	49.313442	58.9419305	34.7847629	13.26172042	13.40562673	17.80572231	Ltb4r1
ENSMUSG00000106464	2.223580525	1.152884651	0.00020274	0.00089596	84.2811555	55.9948339	44.7232665	135.4590015	151.2920731	127.6076766	C130083M11Rik
ENSMUSG00000004961	0.172028896	-2.539277182	0.00020313	0.0008972	28.6914572	23.5767722	26.0885721	2.841797233	7.660358132	2.967620385	Syt5
ENSMUSG00000026062	2.456298261	1.296485754	0.00020387	0.00089952	56.4863063	128.689881	69.5695257	186.6113517	196.2966771	243.3448716	Slc9a2
ENSMUSG00000034765	0.441778411	-1.178605176	0.00020455	0.00090229	120.145477	205.314391	191.316196	87.14844849	83.30639468	57.37399412	Dusp5
ENSMUSG00000091957	3.212616243	1.683748657	0.00020531	0.00090516	15.2423366	9.82365508	13.6654426	38.83789552	42.13196972	43.52509899	Rps2-ps10
ENSMUSG00000085603	4.623551338	2.209001408	0.00020564	0.00090637	6.27625626	8.84128957	7.45387776	44.52148999	21.06598486	38.57906501	Gm11346
ENSMUSG00000057777	0.193515244	-2.369480877	0.00020695	0.00091143	29.5880652	26.5238687	33.5424499	9.472657445	2.872634299	4.946033976	Mab21l2
ENSMUSG00000030693	2.154279773	1.107205623	0.00020865	0.00091818	89.6608037	155.21375	103.111976	293.6523808	266.1974451	189.9277047	Klk10
ENSMUSG00000030041	0.292988849	-1.771082337	0.00020955	0.00092165	33.1744974	54.0301029	58.3887091	10.41992319	16.27826103	15.82730872	M1ap
ENSMUSG00000027792	2.307488398	1.206323394	0.00021063	0.00092618	416.026129	211.208584	198.770073	788.1250994	493.1355547	628.1463149	Bche
ENSMUSG00000072612	3.661460607	1.872419274	0.00021162	0.00093029	28.6914572	25.5415032	7.45387776	66.30860211	95.75447664	67.26606207	Gm10382
ENSMUSG00000089636	2.945633564	1.55857797	0.00021177	0.00093072	58.2795224	34.3827928	18.6346944	116.5136866	107.2450138	107.8235407	1700058P15Rik
ENSMUSG00000078439	0.41767541	-1.259545886	0.0002153	0.00094549	85.1777635	100.201282	139.139051	35.99609829	55.53759645	43.52509899	Smim24
ENSMUSG00000085218	2.979083702	1.574868659	0.00021782	0.00095603	18.8287688	16.7002136	11.1808166	45.46875573	46.91969356	48.47113296	BB218582
ENSMUSG00000022416	39.24775028	5.294538055	0.00021826	0.00095771	0.89660804	2.94709652	0	133.56447	1.915089533	19.7841359	Cacna1i
ENSMUSG00000074912	0.309788601	-1.690644034	0.00021933	0.00096215	46.6236179	34.3827928	53.4194572	12.31445468	12.44808196	16.81651552	Gm14207
ENSMUSG00000045441	0.405449572	-1.302405605	0.00022136	0.00097058	123.731909	86.4481647	90.688846	54.94141318	32.55652206	34.62223783	Gprin3
ENSMUSG00000031448	0.143459007	-2.801289545	0.00022259	0.0009757	14.3457286	101.183647	45.9655795	6.630860211	8.617902898	7.913654361	Adprhl1
ENSMUSG00000030519	0.287344334	-1.799147492	0.00022343	0.00097914	60.9693465	55.9948339	58.3887091	7.578125956	18.19335056	24.73016988	Apba2
ENSMUSG00000036854	2.242748375	1.165267766	0.00022405	0.0009816	811.430274	1864.52973	802.534172	2650.449553	2638.035832	2514.563673	Hspb6
ENSMUSG00000030674	0.355809173	-1.490824391	0.00022512	0.0009855	62.7625626	84.4834337	85.7195942	39.78516127	19.15089533	23.74096308	Qprt
ENSMUSG00000067870	2.425613617	1.278349758	0.00022585	0.00098792	35.8643215	42.2417168	49.6925184	71.99219658	112.0327377	124.6400562	Rpl31-ps8
ENSMUSG00000073705	0.211975158	-2.238032894	0.00022637	0.00098995	23.311809	54.0301029	78.2657164	12.31445468	7.660358132	12.85968834	Cenps
ENSMUSG00000082186	28.80864446	4.848429873	0.00022937	0.001002	0	0.98236551	1.24231296	7.578125956	25.85370869	26.70858347	Gm12403
ENSMUSG00000101445	2.622591005	1.390992836	0.00023112	0.00100863	38.5541456	22.5944067	34.7847629	69.15039935	75.64603655	106.8343339	Gm28932
ENSMUSG00000021298	0.270811339	-1.884639947	0.00024018	0.00104515	102.213316	245.591377	208.708577	88.09571424	26.81125346	35.61144462	Gpr132
ENSMUSG00000029641	2.309961366	1.207868723	0.00024029	0.00104535	121.042085	94.3070887	147.835242	171.4550997	320.7774968	345.2331715	Rasl11a
ENSMUSG00000035095	0.341888587	-1.548401833	0.00024226	0.00105314	61.8659546	45.1888133	62.115648	25.5761751	14.3631715	17.80572231	Fam167a
ENSMUSG00000037577	0.281582809	-1.828368835	0.00024373	0.00105885	54.6930903	55.0124684	33.5424499	9.472657445	19.15089533	11.87048154	Ephx3
ENSMUSG00000060019	3.417988243	1.773147435	0.0002456	0.00106655	40.3473617	111.007302	98.1427238	132.6172042	319.819952	398.6503384	Gm10073
ENSMUSG00000103932	0.238906089	-2.06548447	0.00024849	0.00107854	81.5913314	197.455467	463.382734	53.04688169	79.47621561	44.51430578	Gm36963
ENSMUSG00000040522	0.266284504	-1.908959622	0.00025356	0.00109912	156.906406	114.936764	62.115648	38.83789552	37.34424589	12.85968834	Tlr8
ENSMUSG00000110697	0.212909522	-2.231687624	0.00025428	0.00110165	20.6219849	35.3651583	39.7540147	6.630860211	4.787723832	8.902861156	Gm31718
ENSMUSG00000089651	0.218260487	-2.195877119	0.00025486	0.00110388	30.4846733	40.2769858	84.4772812	9.472657445	16.27826103	7.913654361	Gm16353
ENSMUSG00000020493	0.460819168	-1.117727369	0.00025552	0.00110647	69.0388189	87.4305302	84.4772812	38.83789552	37.34424589	34.62223783	Prr11
ENSMUSG00000027525	2.778265312	1.474184377	0.00025906	0.00112093	19.7253768	14.7354826	18.6346944	47.36328722	54.58005169	45.50351258	Phactr3
ENSMUSG00000039055	0.215251468	-2.215905018	0.00026089	0.00112855	27.7948491	31.4356962	21.1193203	6.630860211	4.787723832	5.935240771	Eme1
ENSMUSG00000020684	2.121053867	1.084781261	0.00026153	0.00113087	372.988943	486.270926	293.185858	873.3790164	1049.469064	523.2903946	Rasl10b
ENSMUSG00000105112	4.19871323	2.069947256	0.00026282	0.00113604	46.6236179	14.7354826	9.93850367	125.0390783	86.17902898	91.99623195	Gm42778
ENSMUSG00000035109	0.42674736	-1.228545866	0.00026424	0.00114156	83.3845474	87.4305302	77.0234035	35.04883255	45.00460402	25.71937667	Shc4
ENSMUSG00000072769	2.289354339	1.194940776	0.0002651	0.00114469	75.3150751	62.8713925	45.9655795	103.2519661	173.3156027	147.3918125	Gm10419
ENSMUSG00000037358	0.369666109	-1.43570531	0.00026685	0.00115194	261.809547	166.019771	95.6580979	62.51953913	59.36777552	72.21209604	4930578C19Rik
ENSMUSG00000082193	11.2658559	3.493885018	0.00026725	0.0011531	0.89660804	2.94709652	2.48462592	15.15625191	13.40562673	41.5466854	Rpl5-ps1
ENSMUSG00000071392	3.004972861	1.587351961	0.00026784	0.00115474	26.8982411	23.5767722	21.1193203	95.67384019	76.60358132	43.52509899	Ect2l
ENSMUSG00000086826	2.088420826	1.062412451	0.00027075	0.00116698	41.2439697	39.2946203	43.4809536	75.78125956	93.83938711	89.02861156	Gm11739
ENSMUSG00000096336	0.090162511	-3.471328494	0.00027162	0.00117043	48.416834	62.8713925	16.1500685	8.5253917	0	2.967620385	Igkv1-135
ENSMUSG00000031736	0.206427169	-2.276295231	0.00027205	0.00117141	31.3812813	56.9771994	28.5731981	8.5253917	3.830179066	11.87048154	Crnde
ENSMUSG00000035504	5.906398089	2.562278597	0.00027214	0.0011715	38.5541456	29.4709652	23.6039462	413.0078646	66.07058888	63.30923489	Reep6
ENSMUSG00000059159	8.587785816	3.10228621	0.00027255	0.00117296	0	7.85892406	8.69619071	31.25976957	37.34424589	70.23368245	Gm8129
ENSMUSG00000029553	0.225194046	-2.150759411	0.00027286	0.00117397	45.7270099	40.2769858	85.7195942	7.578125956	22.02352963	8.902861156	Tfec
ENSMUSG00000029298	0.436838875	-1.194826844	0.00027421	0.00117949	1023.92638	1459.79514	555.313893	396.9043469	401.2112571	530.2148422	Gbp9

ENSMUSG00000022510	0.282030435	-1.826077236	0.00027665	0.00118874	33.1744974	85.4657992	55.9040832	15.15625191	18.19335056	15.82730872	Trp63
ENSMUSG00000056531	3.377822589	1.756093556	0.00027691	0.00118959	27.7948491	34.3827928	58.3887091	64.41407062	182.8910504	157.2838804	Ccdc18
ENSMUSG00000027985	5.270841997	2.398033445	0.00027709	0.00118975	8.06947233	11.7883861	11.1808166	99.46290317	24.89616393	38.57906501	Lef1
ENSMUSG00000058975	0.133263854	-2.907642571	0.00027707	0.00118975	21.5185929	177.808157	45.9655795	8.5253917	17.2358058	6.924447566	Kcnc1
ENSMUSG00000074472	3.522227569	1.816488124	0.00027755	0.00119142	9.86268841	12.7707516	8.69619071	41.67969276	29.68388776	39.56827181	Zfp872
ENSMUSG00000079428	0.05600021	-4.158423956	0.0002787	0.00119602	6.27625626	136.548806	79.5080294	2.841797233	9.575447664	0	Tceal7
ENSMUSG00000052563	0.476252983	-1.070199966	0.00028096	0.00120544	140.767462	115.91913	105.596602	43.57422425	64.15549935	65.28764848	D930048N14Rik
ENSMUSG00000097391	0.388981359	-1.362227074	0.0002815	0.00120744	191.87412	196.473102	395.055521	71.04493083	130.2260882	102.8775067	Mirg
ENSMUSG00000055866	2.213513104	1.146337914	0.00028168	0.00120791	1821.01092	1045.2369	833.591996	3434.785589	2828.58724	1929.942457	Per2
ENSMUSG00000105940	4.865953412	2.282722508	0.00028336	0.00121449	18.8287688	2.94709652	9.93850367	49.25781871	44.04705926	62.32002809	Gm42635
ENSMUSG00000022340	0.416809155	-1.26254113	0.00028516	0.00122157	92.3506278	76.6245096	65.8425868	40.73242701	30.64143253	26.70858347	Sybu
ENSMUSG00000022504	0.323650768	-1.627490169	0.00029082	0.00124456	290.501004	497.076947	265.854973	189.4531489	54.58005169	96.94226592	Ciita
ENSMUSG00000092486	0.430876378	-1.214654087	0.00029217	0.00124938	118.352261	139.495902	178.893066	55.88867892	45.96214879	86.06099118	2610524H06Rik
ENSMUSG00000099906	0.06895678	-3.858163775	0.00029404	0.00125671	10.7592964	44.2064478	42.2386406	5.683594467	0.957544766	0	Gm28653
ENSMUSG00000026080	2.740481194	1.454429235	0.00029532	0.00126186	43.9337938	28.4885997	21.1193203	109.8828264	73.73094702	75.17971643	Chst10
ENSMUSG00000029053	0.461944746	-1.114207796	0.00029806	0.00127292	209.806281	186.649446	118.019731	86.20118275	64.15549935	88.03940477	Prkcz
ENSMUSG00000048852	0.211860873	-2.238810924	0.00029861	0.00127496	42.1405777	134.584075	42.2386406	9.472657445	17.2358058	19.7841359	Gm12185
ENSMUSG00000100183	9.274373467	3.213249823	0.00030172	0.00128725	9.86268841	5.89419305	0	17.99804914	55.53759645	77.15813002	Gm28512
ENSMUSG00000032113	0.310800936	-1.685937248	0.00030617	0.00130393	55.5896983	63.853758	58.3887091	12.31445468	13.40562673	29.67620385	Chek1
ENSMUSG00000021991	2.509540906	1.327423462	0.00030984	0.00131753	34.0711054	36.3475238	22.3616333	60.62500765	90.96675281	83.09337079	Cacna2d3
ENSMUSG00000034792	0.306430274	-1.706369261	0.000311	0.00132214	40.3473617	107.07784	89.4465331	19.89258063	25.85370869	26.70858347	Gna15
ENSMUSG00000103882	0.258318934	-1.952774701	0.00031162	0.00132445	47.520226	173.878695	219.889394	32.20703531	46.91969356	34.62223783	Gm37452
ENSMUSG00000024912	2.464604895	1.301356384	0.00031202	0.00132545	57.3829144	39.2946203	52.1771443	142.0898617	146.5043493	78.14733682	Fosl1
ENSMUSG00000048534	0.290902041	-1.781394677	0.00031289	0.00132851	69.0388189	134.584075	113.050479	37.89062978	41.17442496	12.85968834	Jaml
ENSMUSG00000074497	6.702671254	2.744736176	0.0003138	0.00133201	12.5525125	9.82365508	6.2115648	133.56447	21.06598486	38.57906501	A430078G23Rik
ENSMUSG00000100755	2.934007564	1.552872591	0.00031503	0.00133691	26.8982411	28.4885997	40.9963277	54.94141318	97.66956618	128.5968834	Rps23-ps1
ENSMUSG00000084866	4.032510966	2.011678457	0.00031999	0.00135728	17.0355527	23.5767722	13.6654426	30.31250382	101.4997452	88.03940477	A930006K02Rik
ENSMUSG00000043510	2.133952366	1.093527973	0.00032098	0.00136077	172.148743	217.102777	154.046807	251.972688	525.6920768	382.8230297	Hscb
ENSMUSG00000028864	0.300381868	-1.735130363	0.00032116	0.00136084	450.993843	148.337192	127.958235	70.09766509	79.47621561	69.24447566	Hgf
ENSMUSG00000040165	0.176203289	-2.504687238	0.00032356	0.00137	29.5880652	17.6825791	34.7847629	7.578125956	3.830179066	2.967620385	Cd209c
ENSMUSG00000055805	0.334202463	-1.581205729	0.00032474	0.00137392	440.234546	650.325966	406.236338	292.705115	128.3109987	79.13654361	Fmnl1
ENSMUSG00000050232	0.235164617	-2.08825709	0.00033113	0.00140061	43.9337938	76.6245096	38.5117017	11.36718893	20.1084401	5.935240771	Cxcr3
ENSMUSG00000020173	2.149717254	1.104146919	0.00033227	0.00140474	126.421733	266.221053	136.654426	395.0098154	360.0368322	383.8122365	Cobl
ENSMUSG00000030125	0.21306666	-2.230623233	0.00033297	0.00140735	34.9677134	22.5944067	28.5731981	5.683594467	3.830179066	8.902861156	Lrrc23
ENSMUSG00000047986	0.285983024	-1.805998585	0.00033786	0.00142623	37.6575376	41.2593513	73.2964646	18.94531489	13.40562673	10.88127475	Palm3
ENSMUSG00000051727	0.284443893	-1.813783988	0.00034377	0.00144788	28.6914572	32.4180617	40.9963277	9.472657445	10.53299243	8.902861156	Kctd14
ENSMUSG00000025227	0.382315064	-1.387166049	0.00034763	0.00146306	51.1066581	85.4657992	80.7503423	33.15430106	22.98107439	26.70858347	Mfsd13a
ENSMUSG00000026027	2.064440895	1.045751115	0.00034825	0.0014653	355.953391	532.442105	280.762729	619.5117969	1050.426609	745.8619235	Stradb
ENSMUSG00000020848	0.47668529	-1.068890989	0.00034987	0.00147172	201.736808	144.40773	140.381364	62.51953913	99.58465571	70.23368245	Doc2b
ENSMUSG00000030854	0.049251619	-4.343685055	0.0003501	0.00147234	12.5525125	18.6649446	47.2078925	0	3.830179066	0	Ptpn5
ENSMUSG00000097350	2.208610851	1.143139244	0.00035178	0.00147904	35.8643215	37.3298893	34.7847629	71.04493083	71.81585748	95.95305913	4732491K20Rik
ENSMUSG00000049687	0.442727288	-1.175509797	0.0003564	0.00149619	179.321607	166.019771	248.462592	57.78321041	87.13657375	117.7156086	Fam109b
ENSMUSG00000014782	0.15140935	-2.723473796	0.0003583	0.00150304	19.7253768	14.7354826	36.0270758	3.789062978	3.830179066	2.967620385	Plekhg4
ENSMUSG00000035456	0.192435355	-2.377554213	0.00036141	0.00151384	26.0016331	41.2593513	33.5424499	1.894531489	7.660358132	9.892067951	Prdm8
ENSMUSG00000107585	0.037352876	-4.742636874	0.00036713	0.00153624	6.27625626	46.1711789	24.8462592	0	2.872634299	0	3300002P13Rik
ENSMUSG00000091089	0.123301636	-3.019736155	0.00036972	0.00154669	48.416834	116.901495	13.6654426	4.736328722	13.40562673	3.956827181	NA
ENSMUSG00000046345	0.060107073	-4.056321426	0.00037043	0.00154928	9.86268841	153.249019	28.5731981	0.947265744	9.575447664	0.989206795	Smco1
ENSMUSG00000030149	0.371620288	-1.428098831	0.00037378	0.00156253	72.625251	191.561274	151.562181	50.20508446	53.62250692	50.44954655	Klrk1
ENSMUSG00000022586	0.154645006	-2.692967852	0.00037864	0.00158005	14.3457286	80.5539716	36.0270758	5.683594467	8.617902898	5.935240771	Ly6i
ENSMUSG00000024354	3.56396207	1.833481983	0.00037873	0.00158005	10.7592964	8.84128957	12.4231296	50.20508446	31.59897729	31.65461744	Slc23a1
ENSMUSG00000037735	0.295878526	-1.756923099	0.00037928	0.00158198	32.2778893	34.3827928	31.057824	9.472657445	9.575447664	9.892067951	2810032G03Rik
ENSMUSG00000051515	0.275977831	-1.857375714	0.00038117	0.00158912	25.105025	39.2946203	37.2693888	9.472657445	8.617902898	9.892067951	Fam181b
ENSMUSG00000063388	0.137289601	-2.864705746	0.00038201	0.00159215	78.9015073	338.9161	38.5117017	7.578125956	38.30179066	16.81651552	BC023105
ENSMUSG00000026834	0.447722759	-1.159322438	0.00038353	0.00159772	415.129521	176.825791	331.69756	132.6172042	148.4194388	132.5537105	Acvr1c
ENSMUSG00000074657	0.472644242	-1.081173414	0.00038705	0.00161129	206.219849	156.196116	125.473609	69.15039935	96.71202141	65.28764848	Kif5a
ENSMUSG00000086602	0.36919932	-1.437528198	0.00038708	0.00161129	48.416834	46.1711789	54.6617702	14.20898617	22.02352963	18.79492911	Gm15609
ENSMUSG00000057346	0.291308633	-1.779379636	0.00038937	0.00162004	39.4507536	120.830957	125.473609	27.47070659	24.89616393	30.66541065	Apol9a
ENSMUSG00000104125	16.60409846	4.053467487	0.00038947	0.00162005	3.58643215	0	0	29.36523808	13.40562673	21.76254949	Gm37488
ENSMUSG00000034156	0.219281428	-2.189144467	0.00040117	0.00166375	26.0016331	32.4180617	29.815511	2.841797233	8.617902898	7.913654361	Tspoap1
ENSMUSG00000021815	0.201450071	-2.311505783	0.00040553	0.0016806	65.4523867	525.565547	159.016059	40.73242701	72.77340225	37.58985821	Mss51
ENSMUSG00000071324	2.413999487	1.27142537	0.00040653	0.00168432	40.3473617	32.4180617	31.057824	67.25586786	110.1176481	74.19050963	Armc2
ENSMUSG00000102153	0.274939888	-1.862811867	0.00041009	0.00169782	71.728643	215.138046	300.639736	64.41407062	65.11304412	31.65461744	Gm37474
ENSMUSG00000050578	0.113206581	-3.142970265	0.00041193	0.00170501	17.9321607	240.679549	224.858646	9.472657445	39.25933542	5.935240771	Mmp13
ENSMUSG00000109625	0.155055618	-2.689142294	0.00041212	0.00170539	17.0355527	38.3122548	50.9348313	1.894531489	9.575447664	4.946033976	3110080E11Rik
ENSMUSG00000034923	14.6158354	3.869460386	0.00041632	0.00172107	0	5.89419305	1.24231296	20.83984638	68.94322318	14.83810193	Ly6g6f
ENSMUSG00000030088	0.467213025	-1.097847599	0.000417	0.00172345	702.940701	353.651583	618.671854	344.804731	224.0654753	213.6686677	Aldh1l1
ENSMUSG00000026489	2.222677334	1.152298527	0.00041839	0.00172876	402.577009	877.252398	361.513071	1359.326343	1116.497198	1174.188466	Coq8a
ENSMUSG00000041347	0.349678136	-1.515900502	0.00041885	0.00173025	53.7964822	42.2417168	78.2657164	21.78711212	22.02352963	16.81651552	Bdkrb1
ENSMUSG00000023505	0.36858759	-1.439920599	0.00043383	0.00178946	66.3489947	132.619344	147.835242	31.25976957	50.74987262	45.50351258	Cdca3
ENSMUSG00000053862	3.170170064	1.664560236	0.00043399	0.00178971	12.5525125	34.3827928	16.1500685	66.30860211	74.68849178	59.35240771	Slc51b
ENSMUSG00000032355	0.118490326	-3.077158823	0.00043448	0.00179084	39.4507536	290.78019	58.3887091	7.578125956	33.51406683	4.946033976	Mlip
ENSMUSG00000059201	0.356926093	-1.486302723	0.00043473	0.00179112	723.562686	324.180617	279.520416	92.83204296	192.4664981	188.9384979	Lep
ENSMUSG00000031385	0.259584751	-1.945722457	0.0004366	0.00179826	77.1082912	69.747951	31.057824	8.5253917	21.06598486	16.81651552	Plxnb3
ENSMUSG00000107331	2.170694804	1.1181569	0.00043713	0.00180001	62.7625626	44.2064478	34.7847629	107.0410291	106.2874691	96.94226592	Gm42732
ENSMUSG00000102615	0.335847883	-1.57412016	0.00044085	0.00181266	60.9693465	38.3122548	47.2078925	12.31445468	17.2358058	19.7841359	Gm37844
ENSMUSG00000101655	0.155844192	-2.681823708	0.00044249	0.00181894	34.9677134	299.62148	59.631022	20.83984638	28.72634299	11.87048154	2310040G24Rik
ENSMUSG00000052397	0.490290826	-1.028290328	0.00044555	0.00182883	516.446229	703.373703	608.73335	437.6367739	221.192841	237.4096308	Ezr
ENSMUSG00000076672	0.09388406	-3.412975959	0.00044922	0.00184164	17.9321607	37.3298893	16.1500685	1.894531489	4.787723832	0	Ighv3-6
ENSMUSG00000061132	0.298686525	-1.74329594	0.00045186	0.00185201	185.597864	305.515673	272.066538	143.9843932	39.25933542	44.51430578	Blnk
ENSMUSG00000046541	2.211570849	1.145071461	0.00045544	0.00186532	165.872487	106.095475	73.2964646	295.5469123	215.4475724	256.2045599	Zfp526
ENSMUSG00000106928	2.368170553	1.243772986	0.00045698	0.00187119	43.0371858	28.4885997	55.9040832	114.6191551	81.39130515	103.8667135	Gm43860
ENSMUSG00000084168	7.338054312	2.875397583	0.0004574	0.001872	2.68982411	11.7883861	1.24231296	20.83984638	46.91969356	49.46033976	Atp5l2-ps
ENSMUSG00000081769	0.473106876	-1.079761966	0.00046182	0.0018887	129.111557	215.138046	218.647081	70.09766509	90.96675281	104.8559203	Gm12216
ENSMUSG00000089704	3.162013766	1.660843649	0.00046466	0.00189893	82.4879394	51.0830064	18.6346944	177.1386942	134.0562673	174.1003959	Galnt2

ENSMUSG00000025190	0.450559403	-1.150210768	0.00046777	0.00190977	386.438064	976.471315	581.402465	313.5449614	314.0746834	248.2909056	Got1
ENSMUSG00000031286	2.638402484	1.399664662	0.00047542	0.0019377	26.0016331	54.0301029	40.9963277	87.14844849	88.09411851	143.4349853	Glt28d2
ENSMUSG00000053399	0.309713653	-1.690993112	0.00048526	0.00197446	53.7964822	62.8713925	52.1771443	15.15625191	9.575447664	27.69779026	Adamts18
ENSMUSG00000036381	0.362159762	-1.465301832	0.00048661	0.00197919	49.313442	112.972033	88.2042201	30.31250382	33.51406683	26.70858347	P2ry14
ENSMUSG00000024268	0.329580016	-1.601299329	0.00048834	0.00198412	43.9337938	91.3599922	101.869663	33.15430106	24.89616393	19.7841359	Celf4
ENSMUSG00000026525	0.401563125	-1.3163013	0.00048813	0.00198412	100.4201	68.7655855	91.931159	34.1015668	46.91969356	23.74096308	Opn3
ENSMUSG00000107436	0.265739115	-1.911917496	0.0004995	0.00202697	31.3812813	93.3247232	126.715922	20.83984638	22.98107439	22.75175629	Gm44416
ENSMUSG00000039699	0.275527281	-1.859732924	0.00050099	0.00203205	36.7609295	106.095475	57.1463961	17.99804914	13.40562673	23.74096308	Batf2
ENSMUSG00000022860	0.181655895	-2.460719914	0.00050148	0.00203356	39.4507536	31.4356962	18.6346944	9.472657445	2.872634299	3.956827181	Chodl
ENSMUSG00000032523	0.132646349	-2.914343124	0.00050284	0.00203857	42.1405777	437.152651	93.1734719	11.36718893	51.70741739	12.85968834	Hhatl
ENSMUSG00000085636	0.231353869	-2.111826868	0.00050344	0.00204	22.4152009	28.4885997	49.6925184	7.578125956	9.575447664	5.935240771	Gm11769
ENSMUSG00000028078	0.466513393	-1.100009595	0.00050462	0.00204383	230.428266	157.178481	116.777418	83.35938551	80.43376038	72.21209604	Dclk2
ENSMUSG00000036169	0.303252989	-1.721406231	0.00050505	0.00204504	67.2456028	103.148378	45.9655795	12.31445468	26.81125346	26.70858347	Sostdc1
ENSMUSG00000054065	0.210673653	-2.246918192	0.00051096	0.00206748	29.5880652	54.0301029	34.7847629	15.15625191	4.787723832	4.946033976	Pkp3
ENSMUSG00000031558	0.478144858	-1.064480334	0.00052028	0.00210217	848.191203	409.646417	414.932528	258.6035482	270.9851689	271.0426619	Slit2
ENSMUSG00000030154	0.278675609	-1.843341358	0.00052213	0.0021081	49.313442	38.3122548	29.815511	11.36718893	6.702813365	14.83810193	Klrb1f
ENSMUSG00000080115	0.261615011	-1.93448277	0.00052774	0.00212975	42.1405777	30.4533307	64.6002739	6.630860211	16.27826103	12.85968834	Mettl21b
ENSMUSG00000052135	2.639814186	1.400436383	0.00053217	0.00214608	34.9677134	45.1888133	21.1193203	101.3574347	64.15549935	103.8667135	Foxo6
ENSMUSG00000019027	0.233947557	-2.095742929	0.00053336	0.00214984	68.1422108	31.4356962	52.1771443	11.36718893	19.15089533	4.946033976	Dnah1
ENSMUSG00000006731	0.381530944	-1.390128023	0.00053797	0.00216684	440.234546	571.736725	631.094983	363.7500459	130.2260882	132.5537105	B4galnt1
ENSMUSG00000027454	0.377942609	-1.403760918	0.00053793	0.00216684	49.313442	66.8008545	94.4157849	21.78711212	28.72634299	28.68699706	Gins1
ENSMUSG00000058806	2.203857508	1.140030948	0.00054304	0.00218518	340.711054	252.467935	126.715922	484.0527954	569.739136	537.1392898	Col13a1
ENSMUSG00000029206	0.282982969	-1.821212868	0.0005438	0.00218771	43.0371858	30.4533307	49.6925184	6.630860211	15.32071626	12.85968834	Nsun7
ENSMUSG00000109751	0.214925883	-2.218088859	0.00055132	0.00221479	30.4846733	128.689881	208.708577	24.62890936	35.42915636	18.79492911	Gm45479
ENSMUSG00000107336	0.313803888	-1.672064866	0.00055207	0.00221672	35.8643215	59.924296	89.4465331	17.99804914	22.98107439	16.81651552	Gm43461
ENSMUSG00000104324	2.701459458	1.433739031	0.00055312	0.00222042	16.1389447	22.5944067	16.1500685	41.67969276	56.49514122	50.44954655	Gm37320
ENSMUSG00000053101	0.329914896	-1.599834178	0.00055504	0.0022276	59.1761304	100.201282	80.7503423	14.20898617	39.25933542	25.71937667	Gpr141
ENSMUSG00000026616	6.367805607	2.670796295	0.00055542	0.00222857	6.27625626	10.8060206	9.93850367	117.4609523	17.2358058	36.60065142	Cr2
ENSMUSG00000076609	0.191715701	-2.382959604	0.00055567	0.00222905	2085.51029	5646.63694	3227.52907	1297.75407	416.5319734	386.7798569	Igkc
ENSMUSG00000020908	0.118264031	-3.079916737	0.00056078	0.00224805	18.8287688	59.924296	131.685174	15.15625191	8.617902898	0.989206795	Myh3
ENSMUSG00000023036	0.353766354	-1.499131251	0.00056341	0.00225688	58.2795224	72.6950476	137.896738	27.47070659	31.59897729	35.61144462	Pcdhgc4
ENSMUSG00000062353	3.074080629	1.620155005	0.00057102	0.00228573	11.6559045	10.8060206	18.6346944	36.94336403	39.25933542	48.47113296	Gm15772
ENSMUSG00000038508	0.366967216	-1.446276914	0.00057422	0.00229523	40.3473617	58.9419305	55.9040832	23.68164361	16.27826103	16.81651552	Gdf15
ENSMUSG00000031962	0.037582942	-4.733778167	0.00057471	0.00229664	6.27625626	53.0477374	17.3923814	0	2.872634299	0	Cdh15
ENSMUSG00000030433	0.11497628	-3.120591832	0.00057631	0.00230194	13.4491206	156.196116	31.057824	5.683594467	12.44808196	4.946033976	Sbk2
ENSMUSG00000104871	2.254391655	1.172738176	0.00057851	0.0023102	134.491206	273.097611	386.35933	572.1485097	608.0409267	605.3945586	Gm42639
ENSMUSG00000067599	0.066001088	-3.921366375	0.00057918	0.00231232	10.7592964	34.3827928	13.6654426	0	0.957544766	2.967620385	Klra7
ENSMUSG00000072082	0.291451326	-1.778673129	0.00057941	0.00231266	81.5913314	96.2718197	115.535105	9.472657445	33.51406683	42.53589219	Ccnf
ENSMUSG00000102850	13.95932376	3.803157149	0.0005799	0.00231407	0.89660804	0.98236551	3.72693888	52.09961595	9.575447664	12.85968834	Gm37082
ENSMUSG00000105541	3.151541866	1.656057828	0.00058172	0.0023197	9.86268841	11.7883861	11.1808166	31.25976957	36.38670112	35.61144462	Gm43136
ENSMUSG00000052861	0.281546637	-1.828554178	0.00058424	0.00232753	28.6914572	31.4356962	32.3001369	11.36718893	7.660358132	6.924447566	Dnah6
ENSMUSG00000076490	0.376125312	-1.410714697	0.00058753	0.00233895	52.8998742	115.91913	88.2042201	33.15430106	26.81125346	36.60065142	Trbc1
ENSMUSG00000103916	0.288804825	-1.79183325	0.00059276	0.00235923	41.2439697	54.0301029	119.262044	20.83984638	23.93861916	16.81651552	Gm38071
ENSMUSG00000043531	0.255964098	-1.965986628	0.00059385	0.00236301	55.5896983	37.3298893	27.3308851	5.683594467	13.40562673	11.87048154	Sorcs1
ENSMUSG00000040264	0.070044017	-3.835594366	0.00059462	0.0023644	7.1728643	117.883861	38.5117017	6.630860211	4.787723832	0	Gbp2b
ENSMUSG00000060419	2.196193855	1.135005405	0.0006077	0.00241299	76.2116831	108.060206	155.28912	195.1367434	227.8956544	319.5137948	Rps16-ps2
ENSMUSG00000022218	0.286168524	-1.805063099	0.00060819	0.00241435	26.8982411	35.3651583	45.9655795	13.26172042	8.617902898	8.902861156	Tgm1
ENSMUSG00000000682	0.456950788	-1.129889293	0.00061414	0.00243453	511.963189	1325.21107	1049.75445	465.1074805	357.1641979	496.5818112	Cd52
ENSMUSG00000111673	2.623388458	1.39143145	0.00061834	0.00244943	15.2423366	16.7002136	19.8770073	43.57422425	45.96214879	45.50351258	Gm29724
ENSMUSG00000040658	0.218214923	-2.196178326	0.00062351	0.002467	17.9321607	43.2240823	27.3308851	6.630860211	5.745268599	6.924447566	Dnph1
ENSMUSG00000046480	0.252749467	-1.984220047	0.00062446	0.00247016	186.494472	886.093688	241.008714	60.62500765	166.6127894	104.8559203	Scn4b
ENSMUSG00000059412	0.415085041	-1.268521153	0.00062612	0.00247559	69.9354269	56.9771994	83.2349683	22.73437787	27.76879823	36.60065142	Fxyd2
ENSMUSG00000028133	0.456600994	-1.130994095	0.00062807	0.00248268	83.3845474	60.9066615	90.688846	36.94336403	32.55652206	37.58985821	Rwdd3
ENSMUSG00000001334	0.207500539	-2.268813011	0.00063112	0.00249297	28.6914572	138.513537	105.596602	25.5761751	22.98107439	7.913654361	Fndc5
ENSMUSG00000070323	0.338323588	-1.563524331	0.00063518	0.00250666	57.3829144	40.2769858	47.2078925	16.10351766	22.02352963	10.88127475	Mmp27
ENSMUSG00000052143	3.396331412	1.763977243	0.00063872	0.0025177	17.0355527	22.5944067	6.2115648	59.6777419	44.04705926	54.40637373	Gm9869
ENSMUSG00000025089	0.418921878	-1.255246865	0.00064116	0.00252671	168.562311	131.636978	114.292792	86.20118275	43.08951449	44.51430578	Gfra1
ENSMUSG00000022945	0.427358838	-1.226480137	0.00064307	0.00253135	85.1777635	59.924296	67.0848998	26.52344084	26.81125346	37.58985821	Chaf1b
ENSMUSG00000054934	0.197596895	-2.339367821	0.0006427	0.00253135	31.3812813	16.7002136	39.7540147	7.578125956	6.702813365	2.967620385	Kcnmb4
ENSMUSG00000062044	2.302839192	1.203413671	0.00064325	0.00253135	43.9337938	28.4885997	34.7847629	72.93946232	71.81585748	102.8775067	Lmtk3
ENSMUSG00000073565	0.418355709	-1.257197973	0.00064525	0.00253864	118.352261	67.78322	73.2964646	41.67969276	33.51406683	33.63303103	Prr16
ENSMUSG00000006435	0.226929688	-2.139682735	0.00064544	0.0025388	87.8675876	641.484676	212.435516	52.09961595	108.2025586	53.41716694	Neurl1a
ENSMUSG00000032452	0.34023103	-1.555413372	0.00064745	0.00254494	74.4184671	34.3827928	67.0848998	19.89258063	19.15089533	20.7733427	Clstn2
ENSMUSG00000060467	2.648208876	1.405016918	0.00064958	0.00255268	16.1389447	22.5944067	24.8462592	42.6269585	62.24040982	62.32002809	Gm10080
ENSMUSG00000103251	0.251806025	-1.989615289	0.00065411	0.00256748	26.0016331	65.818489	108.081227	17.0507834	18.19335056	14.83810193	Gm37519
ENSMUSG00000044086	0.186226048	-2.424873215	0.00065668	0.00257697	48.416834	451.888133	127.958235	19.89258063	53.62250692	43.52509899	Lmod3
ENSMUSG00000028125	0.240511048	-2.055824927	0.00065864	0.00258408	62.7625626	23.5767722	33.5424499	7.578125956	12.44808196	8.902861156	Abca4
ENSMUSG00000104183	0.113566298	-3.138393326	0.0006627	0.00259695	8.96608037	26.5238687	40.9963277	4.736328722	2.872634299	0.989206795	1700054O19Rik
ENSMUSG00000005465	0.472200741	-1.082527788	0.00066939	0.00262133	189.184296	216.120412	142.86599	111.7773578	58.41023075	89.02861156	Il27ra
ENSMUSG00000078763	0.304402389	-1.715948414	0.0006752	0.00264284	74.4184671	341.863197	309.335927	81.46485402	68.94322318	70.23368245	Slfn1
ENSMUSG00000033029	2.247873174	1.16856064	0.00068277	0.00267062	26.0016331	29.4709652	29.815511	55.88867892	62.24040982	73.20130284	1700088E04Rik
ENSMUSG00000062713	0.082572396	-3.598196621	0.00068427	0.00267459	7.1728643	81.5363371	16.1500685	1.894531489	4.787723832	1.97841359	Sim2
ENSMUSG00000087107	2.824461641	1.497975908	0.0006895	0.00269304	156.906406	308.462769	382.632391	360.9082486	1200.761137	830.9337079	AI662270
ENSMUSG00000038910	0.452785398	-1.143100663	0.0006939	0.00270783	329.05515	852.693261	736.691585	274.7070659	331.3104892	262.1398007	Plcl2
ENSMUSG00000079164	0.327983454	-1.608305059	0.00069566	0.00271218	90.5574117	44.2064478	49.6925184	25.5761751	15.32071626	19.7841359	Tlr5
ENSMUSG00000081051	2.279200196	1.188527651	0.00069633	0.00271418	43.9337938	53.0477374	70.8118387	87.14844849	134.0562673	159.262294	Gm15427
ENSMUSG00000108137	2.678810232	1.421592384	0.00070045	0.00272897	17.9321607	13.7531171	16.1500685	40.73242701	44.04705926	43.52509899	Gm44053
ENSMUSG00000078817	5.011727272	2.325307908	0.00070435	0.00274289	5.37964822	5.89419305	7.45387776	51.1523502	19.15089533	22.75175629	Nlrp12
ENSMUSG00000032988	4.550554703	2.186042417	0.00070521	0.00274506	8.06947233	5.89419305	4.96925184	28.41797233	18.19335056	40.5574786	Slc16a8
ENSMUSG00000050368	0.339734617	-1.557519865	0.00071525	0.00278273	45.7270099	34.3827928	36.0270758	11.36718893	15.32071626	12.85968834	Hoxd10
ENSMUSG00000045322	0.286696598	-1.802403309	0.00072276	0.00281065	81.5913314	135.56644	67.0848998	47.36328722	14.3631715	19.7841359	Tlr9
ENSMUSG00000006930	0.429291589	-1.219970189	0.00072941	0.00283323	54.6930903	87.4305302	85.7195942	28.41797233	32.55652206	36.60065142	Hap1
ENSMUSG00000021768	0.10276655	-3.282557347	0.00073443	0.00285008	20.6219849	272.115246	42.2386406	12.31445468	20.1084401	1.97841359	Dusp13
ENSMUSG00000105383	2.437786179	1.285571591	0.00073897	0.00286573	46.6236179	40.2769858	19.8770073	93.7793087	80.43376038	89.02861156	Gm42641

ENSMUSG00000038459	0.49171946	-1.024092642	0.00074055	0.00287053	219.668969	294.709652	432.32491	177.1386942	165.6552446	121.6724358	Abhd17c
ENSMUSG00000037601	0.473581763	-1.078314568	0.00074126	0.00287261	411.543089	726.950476	1049.75445	323.0176189	386.8480856	325.4490356	Nme1
ENSMUSG00000074001	0.154938636	-2.690231148	0.00074414	0.00288244	29.5880652	348.739755	141.623677	21.78711212	48.83478309	9.892067951	Klhl40
ENSMUSG00000005470	0.386792369	-1.370368762	0.00074935	0.00290062	51.1066581	86.4481647	74.5387776	22.73437787	36.38670112	22.75175629	Asf1b
ENSMUSG00000031444	0.178994432	-2.482013388	0.00075355	0.00291553	78.9015073	249.520839	124.231296	56.83594467	19.15089533	4.946033976	F10
ENSMUSG00000092074	0.243389614	-2.038660486	0.00075743	0.00292851	34.0711054	29.4709652	31.057824	10.41992319	9.575447664	2.967620385	Dynlt1a
ENSMUSG00000034551	0.327006369	-1.61260936	0.00075853	0.00293212	56.4863063	31.4356962	44.7232665	11.36718893	17.2358058	14.83810193	Hdx
ENSMUSG00000041046	0.215578143	-2.213717179	0.00075901	0.00293329	16.1389447	39.2946203	29.815511	6.630860211	4.787723832	6.924447566	Ramp3
ENSMUSG00000022372	0.448577375	-1.156571239	0.00076142	0.00294124	327.261934	471.535444	280.762729	233.9746389	146.5043493	103.8667135	Sla
ENSMUSG00000061414	0.375441116	-1.413341441	0.00076843	0.00296558	254.636683	132.619344	93.1734719	68.2031336	65.11304412	47.48192617	Cracr2a
ENSMUSG00000013974	0.238016928	-2.07086391	0.00076994	0.00297072	37.6575376	124.760419	67.0848998	27.47070659	19.15089533	7.913654361	Mcemp1
ENSMUSG00000026815	4.697652954	2.231940136	0.00077165	0.00297663	5.37964822	5.89419305	6.2115648	19.89258063	41.17442496	20.7733427	Gfi1b
ENSMUSG00000027173	0.379771833	-1.396795186	0.00077823	0.00299856	45.7270099	45.1888133	45.9655795	21.78711212	16.27826103	13.84889513	Depdc7
ENSMUSG00000043740	0.317405853	-1.655599362	0.00077937	0.00300161	54.6930903	139.495902	132.927487	49.25781871	33.51406683	20.7733427	B430306N03Rik
ENSMUSG00000026979	0.281271689	-1.829963748	0.0007812	0.00300796	200.8402	310.4275	239.766401	143.0371274	35.42915636	32.64382424	Psd4
ENSMUSG00000042549	2.273003158	1.184599689	0.00079912	0.0030713	26.8982411	46.1711789	34.7847629	73.88672807	96.71202141	74.19050963	Map2k3os
ENSMUSG00000029212	0.264890568	-1.916531619	0.00080808	0.00310007	42.1405777	24.5591377	45.9655795	14.20898617	9.575447664	5.935240771	Gabrb1
ENSMUSG00000024600	0.087163623	-3.520130021	0.0008198	0.00314074	31.3812813	27.5062342	7.45387776	0	2.872634299	2.967620385	Slc27a6
ENSMUSG00000097585	0.297383811	-1.749601983	0.00082043	0.00314242	38.5541456	38.3122548	89.4465331	18.94531489	14.3631715	15.82730872	E230029C05Rik
ENSMUSG00000102243	0.225952723	-2.145907151	0.00082804	0.00316798	17.9321607	51.0830064	77.0234035	9.472657445	11.4905372	11.87048154	Gm37718
ENSMUSG00000024675	0.310805568	-1.685915744	0.00082914	0.00317145	110.282789	507.882967	326.728308	79.57032253	77.56112608	136.5105377	Ms4a4c
ENSMUSG00000029158	0.063419638	-3.978926558	0.00083189	0.00318125	3.58643215	111.989668	21.1193203	0.947265744	5.745268599	1.97841359	Yipf7
ENSMUSG00000106054	0.109927557	-3.185375006	0.00083825	0.00320265	6.27625626	23.5767722	49.6925184	2.841797233	2.872634299	2.967620385	Gm43623
ENSMUSG00000097442	5.815299935	2.539853603	0.0008385	0.00320286	5.37964822	3.92946203	1.24231296	25.5761751	20.1084401	17.80572231	Gm26632
ENSMUSG00000034686	0.469924366	-1.089499521	0.00084198	0.0032147	97.730276	126.72515	177.650753	51.1523502	69.90076795	67.26606207	Prr7
ENSMUSG00000045062	0.348561167	-1.520516246	0.00084979	0.00324157	80.6947233	67.78322	68.3272128	20.83984638	14.3631715	40.5574786	Pcdhb7
ENSMUSG00000021624	0.346948725	-1.527205629	0.0008568	0.00326756	135.387814	265.238687	146.592929	105.1464976	42.13196972	42.53589219	Cd180
ENSMUSG00000087632	0.294977518	-1.761323094	0.00085812	0.00327184	36.7609295	88.4128957	110.565853	19.89258063	32.55652206	16.81651552	Gm6058
ENSMUSG00000073805	0.273929881	-1.868121447	0.00086237	0.00328409	60.0727385	190.578908	377.66314	53.99414743	57.45268599	60.3416145	Fam196a
ENSMUSG00000027715	0.454779738	-1.136760118	0.00086448	0.0032901	237.60113	336.951369	325.485995	83.35938551	200.1268562	125.629263	Ccna2
ENSMUSG00000030329	0.450921795	-1.149050852	0.00086888	0.00330311	66.3489947	68.7655855	68.3272128	22.73437787	36.38670112	32.64382424	Pianp
ENSMUSG00000050071	0.156222542	-2.678325453	0.00086882	0.00330311	8.96608037	53.0477374	43.4809536	4.736328722	4.787723832	6.924447566	Bex1
ENSMUSG00000084843	2.747932902	1.458346777	0.00086884	0.00330311	24.208417	75.6421441	34.7847629	124.0918125	123.5232749	122.6616426	B230312C02Rik
ENSMUSG00000102277	0.14751123	-2.761103303	0.00087544	0.00332578	12.5525125	47.1535444	96.9004108	13.26172042	5.745268599	3.956827181	A130050O07Rik
ENSMUSG00000108486	0.289352505	-1.789099962	0.00088124	0.00334481	34.9677134	93.3247232	121.74667	31.25976957	22.98107439	17.80572231	Gm44836
ENSMUSG00000025429	0.25595491	-1.966038415	0.00088506	0.00335703	55.5896983	121.813323	36.0270758	27.47070659	14.3631715	12.85968834	Pstpip2
ENSMUSG00000087027	13.0225349	3.702938398	0.00088586	0.00335929	1.79321607	2.94709652	0	11.36718893	42.13196972	10.88127475	Gm13206
ENSMUSG00000037034	2.12822394	1.089649965	0.00089057	0.00337411	80.6947233	127.707516	196.285448	286.0742548	257.5795422	313.5785541	Pax1
ENSMUSG00000102562	0.430140871	-1.217118877	0.00089216	0.00337936	105.799748	175.843426	267.097286	81.46485402	73.73094702	80.12575041	Gm37694
ENSMUSG00000060275	0.2398897	-2.05955688	0.00090171	0.00341156	23.311809	34.3827928	22.3616333	7.578125956	7.660358132	3.956827181	Nrg2
ENSMUSG00000007279	0.356957468	-1.486175911	0.00091013	0.00344045	100.4201	40.2769858	80.7503423	25.5761751	27.76879823	25.71937667	Scube2
ENSMUSG00000000791	0.12152436	-3.040682564	0.00091161	0.00344527	18.8287688	41.2593513	18.6346944	3.789062978	5.745268599	0	Il12rb1
ENSMUSG00000015452	0.442385666	-1.176623455	0.00091966	0.00347023	52.0032661	68.7655855	78.2657164	29.36523808	31.59897729	26.70858347	Ager
ENSMUSG00000019235	0.476297584	-1.070064864	0.00092546	0.00348899	62.7625626	88.4128957	81.9926553	40.73242701	34.47161159	35.61144462	Rps6kl1
ENSMUSG00000107211	5.58927411	2.48266093	0.0009257	0.00348911	2.68982411	3.92946203	4.96925184	25.5761751	13.40562673	24.73016988	Gm5864
ENSMUSG00000026039	0.377993536	-1.40356653	0.0009264	0.00349096	40.3473617	55.0124684	60.873335	22.73437787	14.3631715	21.76254949	Sgol2a
ENSMUSG00000042213	2.38300256	1.252780501	0.00092704	0.00349232	70.8320349	51.0830064	28.5731981	102.3047004	140.7590807	118.7048154	Zfand4
ENSMUSG00000111118	0.147304737	-2.763124267	0.0009327	0.00351075	9.86268841	57.9595649	69.5695257	11.36718893	3.830179066	4.946033976	Gm6545
ENSMUSG00000086108	3.882296417	1.956910274	0.00093541	0.00351939	12.5525125	6.87655855	4.96925184	24.62890936	37.34424589	34.62223783	Gm5602
ENSMUSG00000098055	0.166006566	-2.590687789	0.00093951	0.00353322	18.8287688	26.5238687	12.4231296	3.789062978	2.872634299	2.967620385	Gm26947
ENSMUSG00000006522	2.241449061	1.164431713	0.00094643	0.00355683	127.318341	93.3247232	86.9619071	341.9629338	159.909976	188.9384979	Itih3
ENSMUSG00000065987	0.305565366	-1.710447062	0.00094623	0.00355683	57.3829144	32.4180617	48.4502054	18.94531489	15.32071626	7.913654361	Cd209b
ENSMUSG00000021492	130.0644404	7.023082773	0.00095299	0.00357671	0	0	0	71.99219658	0.957544766	0.989206795	F12
ENSMUSG00000097804	0.091025477	-3.457585795	0.00095448	0.00358149	13.4491206	31.4356962	18.6346944	0	4.787723832	0.989206795	Gm16685
ENSMUSG00000024388	5.564668439	2.47629573	0.00095709	0.00358968	5.37964822	4.91182754	3.72693888	24.62890936	41.17442496	12.85968834	Myo7b
ENSMUSG00000074277	0.37416243	-1.418263391	0.00095929	0.00359552	70.8320349	70.7303165	50.9348313	34.1015668	15.32071626	22.75175629	Phldb3
ENSMUSG00000085055	0.280521549	-1.833816495	0.00096011	0.00359778	26.0016331	29.4709652	40.9963277	11.36718893	9.575447664	5.935240771	Gm15958
ENSMUSG00000052565	5.234059711	2.387930383	0.0009609	0.00359995	7.1728643	3.92946203	3.72693888	40.73242701	18.19335056	19.7841359	Hist1h1d
ENSMUSG00000032373	0.152490156	-2.713211986	0.0009673	0.0036215	8.06947233	58.9419305	47.2078925	4.736328722	6.702813365	5.935240771	Car12
ENSMUSG00000086736	5.220970552	2.384318021	0.00096826	0.00362429	2.68982411	4.91182754	3.72693888	18.94531489	18.19335056	21.76254949	Gm14902
ENSMUSG00000037337	0.313679757	-1.672635664	0.0009784	0.00365898	113.869221	201.384929	124.231296	83.35938551	29.68388776	24.73016988	Map4k1
ENSMUSG00000026669	0.370815009	-1.431228456	0.00098218	0.00367147	46.6236179	54.0301029	60.873335	26.52344084	12.44808196	20.7733427	Mcm10
ENSMUSG00000048924	0.406018701	-1.300381916	0.00098319	0.00367445	110.282789	136.548806	90.688846	65.36133637	45.00460402	26.70858347	Ccdc125
ENSMUSG00000022015	0.070877835	-3.818521647	0.00098578	0.00368248	15.2423366	26.5238687	39.7540147	0	5.745268599	0	Tnfsf11
ENSMUSG00000087365	0.23597658	-2.083284412	0.00098721	0.00368659	42.1405777	19.6473102	65.8425868	6.630860211	10.53299243	12.85968834	C430049B03Rik
ENSMUSG00000054966	5.119854308	2.356102757	0.00098897	0.00369108	6.27625626	4.91182754	6.2115648	35.99609829	12.44808196	40.5574786	Lmntd1
ENSMUSG00000026395	0.431206164	-1.213550294	0.00101272	0.00376969	1609.41143	2237.82863	1412.50983	1268.388832	521.8618977	477.786882	Ptprc
ENSMUSG00000098202	0.208652705	-2.260824472	0.0010137	0.00377249	24.208417	57.9595649	145.350616	10.41992319	22.02352963	14.83810193	B830012L14Rik
ENSMUSG00000044689	0.125297801	-2.996567004	0.00103898	0.00385631	46.6236179	16.7002136	13.6654426	2.841797233	0.957544766	5.935240771	Gm13749
ENSMUSG00000086765	2.409700945	1.268854112	0.00104068	0.00386178	17.9321607	21.6120412	24.8462592	56.83594467	51.70741739	45.50351258	Gm11827
ENSMUSG00000107894	0.166191091	-2.589085049	0.00104138	0.00386352	10.7592964	38.3122548	32.3001369	3.789062978	6.702813365	2.967620385	Gm10388
ENSMUSG00000015879	5.329826442	2.414088555	0.0010457	0.00387696	5.37964822	2.94709652	2.48462592	17.99804914	20.1084401	20.7733427	Fam184b
ENSMUSG00000028475	0.494398594	-1.016253454	0.00104803	0.00388388	107.592964	126.72515	84.4772812	48.31055297	64.15549935	45.50351258	Spaar
ENSMUSG00000095298	0.441912426	-1.178167596	0.00104791	0.00388388	56.4863063	78.5892406	90.688846	27.47070659	38.30179066	33.63303103	Gm12407
ENSMUSG00000059674	0.362796491	-1.462767595	0.00105055	0.00389116	55.5896983	34.3827928	50.9348313	19.89258063	13.40562673	17.80572231	Cdh24
ENSMUSG00000036960	0.160365928	-2.640560441	0.00105235	0.00389475	30.4846733	17.6825791	17.3923814	5.683594467	3.830179066	0.989206795	Clca2
ENSMUSG00000030553	2.838656763	1.505208415	0.00105421	0.0038999	26.8982411	55.9948339	19.8770073	79.57032253	87.13657375	126.6184698	Pgpep1l
ENSMUSG00000019232	125.0667898	6.966554938	0.00106195	0.00392767	0	0	0	69.15039935	0.957544766	0.989206795	Etnppl
ENSMUSG00000104713	0.37365966	-1.420203273	0.00106313	0.00393116	146.14711	433.223189	195.043135	76.7285253	86.17902898	126.6184698	Gbp6
ENSMUSG00000020583	0.164153814	-2.606879822	0.001067	0.0039446	37.6575376	17.6825791	21.1193203	0.947265744	5.745268599	5.935240771	Matn3
ENSMUSG00000006715	0.483478286	-1.048476999	0.00106791	0.00394709	92.3506278	121.813323	114.292792	66.30860211	54.58005169	37.58985821	Gmnn
ENSMUSG00000021311	2.021321255	1.015298632	0.00107034	0.00395436	396.300752	272.115246	160.258372	522.8906909	539.0977035	617.2650402	Mtr
ENSMUSG00000021213	0.372631335	-1.424179099	0.00108334	0.00399885	48.416834	67.78322	104.354289	34.1015668	25.85370869	21.76254949	Akr1c13
ENSMUSG00000031562	0.354796757	-1.494935271	0.00108864	0.00401755	41.2439697	37.3298893	38.5117017	10.41992319	13.40562673	17.80572231	Dctd

ENSMUSG00000105689	0.29213261	-1.775304686	0.00109311	0.00403314	28.6914572	28.4885997	55.9040832	11.36718893	9.575447664	11.87048154	Gm43120
ENSMUSG00000087291	2.963221357	1.567166402	0.00110447	0.00407241	64.5557787	30.4533307	16.1500685	107.9882949	109.1601034	115.737195	Gm11946
ENSMUSG00000111840	0.293900187	-1.766601819	0.00110448	0.00407241	94.1438439	52.0653719	62.115648	30.31250382	22.98107439	7.913654361	Gm48832
ENSMUSG00000046456	0.28464555	-1.812761551	0.00110509	0.00407377	28.6914572	27.5062342	24.8462592	8.5253917	8.617902898	5.935240771	Tmem150b
ENSMUSG00000035448	4.04391966	2.015754336	0.00110614	0.00407672	8.96608037	4.91182754	4.96925184	21.78711212	25.85370869	29.67620385	Ccr3
ENSMUSG00000025427	0.353854622	-1.498771329	0.00110863	0.00408411	46.6236179	114.936764	125.473609	38.83789552	26.81125346	35.61144462	Rnf165
ENSMUSG00000068246	0.341106406	-1.551706247	0.00111297	0.00409747	46.6236179	149.319557	121.74667	34.1015668	32.55652206	41.5466854	Apol9b
ENSMUSG00000019214	0.481125041	-1.055516206	0.0011174	0.00411013	86.0743716	72.6950476	67.0848998	32.20703531	43.08951449	33.63303103	Chtf18
ENSMUSG00000017002	0.295990051	-1.756379412	0.00112356	0.00413095	149.733542	562.895436	222.37402	131.6699385	101.4997452	43.52509899	Slpi
ENSMUSG00000085118	2.953773118	1.562559015	0.00114429	0.00420075	22.4152009	8.84128957	21.1193203	57.78321041	43.08951449	53.41716694	Gm15774
ENSMUSG00000087221	3.122686026	1.642787519	0.00114675	0.00420793	54.6930903	16.7002136	18.6346944	97.56837168	81.39130515	104.8559203	BC037032
ENSMUSG00000024730	0.199984022	-2.322043358	0.00115556	0.00423748	30.4846733	60.9066615	52.1771443	17.99804914	8.617902898	1.97841359	Ms4a8a
ENSMUSG00000027073	0.203464947	-2.297147825	0.00115957	0.00424847	26.0016331	16.7002136	18.6346944	4.736328722	4.787723832	2.967620385	Prg2
ENSMUSG00000095771	0.11834033	-3.078986273	0.00117478	0.00429574	21.5185929	48.1359099	11.1808166	6.630860211	0.957544766	1.97841359	Igkv14-111
ENSMUSG00000104213	11.9337147	3.576971287	0.00117465	0.00429574	16.1389447	30.4533307	17.3923814	615.7227339	36.38670112	111.7803678	Ighd
ENSMUSG00000040037	0.482242652	-1.05216884	0.00117918	0.00431091	240.290954	115.91913	162.742998	89.04297998	81.39130515	80.12575041	Negr1
ENSMUSG00000048368	2.047235427	1.033677018	0.00118009	0.00431234	221.462185	123.778054	101.869663	290.8105835	274.815348	353.1468259	Omd
ENSMUSG00000027324	2.289210638	1.194850216	0.00118549	0.00433021	40.3473617	39.2946203	21.1193203	85.253917	80.43376038	67.26606207	Rpusd2
ENSMUSG00000102953	2.480807462	1.310809771	0.00120461	0.0043924	30.4846733	18.6649446	17.3923814	60.62500765	53.62250692	52.42796014	Gm37019
ENSMUSG00000065847	0.177628243	-2.493067106	0.00121893	0.00443966	13.4491206	30.4533307	59.631022	9.472657445	3.830179066	4.946033976	Gm25188
ENSMUSG00000001508	2.028822708	1.020642798	0.00123129	0.00448188	259.119723	578.613284	270.824225	737.9200149	812.9555067	699.3692042	Sgca
ENSMUSG00000045625	0.475172002	-1.073478263	0.00123466	0.0044922	97.730276	68.7655855	68.3272128	37.89062978	33.51406683	40.5574786	Pigz
ENSMUSG00000105568	2.020661017	1.014827318	0.00123503	0.00449259	46.6236179	49.1182754	79.5080294	103.2519661	129.2685435	118.7048154	Gm42971
ENSMUSG00000096971	0.395539872	-1.338104962	0.00124001	0.00450774	54.6930903	74.6597786	48.4502054	26.52344084	16.27826103	27.69779026	4930556M19Rik
ENSMUSG00000099041	2.212445541	1.145641944	0.00124265	0.00451443	66.3489947	41.2593513	33.5424499	112.7246236	114.905372	87.05019797	Gm28035
ENSMUSG00000092695	0.22207465	-2.17088338	0.00124318	0.00451537	17.9321607	41.2593513	75.7810905	13.26172042	9.575447664	6.924447566	Mir3092
ENSMUSG00000015843	0.435167238	-1.200358148	0.00124413	0.00451786	106.696356	218.085143	116.777418	50.20508446	68.94322318	73.20130284	Rxrg
ENSMUSG00000109714	0.195390444	-2.355568185	0.00125329	0.00454914	28.6914572	29.4709652	21.1193203	3.789062978	1.915089533	9.892067951	Gm35021
ENSMUSG00000058715	0.426316435	-1.23000342	0.00125503	0.00455447	1045.44497	2096.36799	2156.6553	577.8321041	1200.761137	479.7652956	Fcer1g
ENSMUSG00000096965	0.115239402	-3.117294021	0.00126648	0.00459203	16.1389447	14.7354826	36.0270758	2.841797233	4.787723832	0	3300005D01Rik
ENSMUSG00000009633	0.486532978	-1.039390498	0.00126894	0.00459997	1305.4613	659.167256	612.460289	514.3652992	412.7017943	327.4274492	G0s2
ENSMUSG00000068396	4.13425101	2.047625984	0.00127346	0.00461408	4.48304019	12.7707516	13.6654426	25.5761751	37.34424589	63.30923489	Rpl34-ps1
ENSMUSG00000067616	2.209136522	1.143482578	0.00127714	0.00462469	27.7948491	32.4180617	26.0885721	52.09961595	73.73094702	65.28764848	Klk11
ENSMUSG00000059027	0.46194619	-1.114203286	0.00129705	0.00468918	102.213316	71.7126821	74.5387776	32.20703531	34.47161159	48.47113296	9630013D21Rik
ENSMUSG00000022364	0.460509361	-1.118697612	0.00129934	0.00469396	208.909673	133.601709	95.6580979	71.04493083	64.15549935	67.26606207	Tbc1d31
ENSMUSG00000081189	3.743829342	1.904514673	0.00130628	0.00471496	5.37964822	11.7883861	16.1500685	26.52344084	54.58005169	41.5466854	Hspd1-ps4
ENSMUSG00000105366	2.299734111	1.20146707	0.00130723	0.00471636	19.7253768	29.4709652	36.0270758	59.6777419	64.15549935	70.23368245	Gm43719
ENSMUSG00000018893	0.059735969	-4.065256296	0.00131619	0.00474463	206.219849	3546.33948	725.510768	105.1464976	146.5043493	15.82730872	Mb
ENSMUSG00000045382	0.471274423	-1.085360709	0.00131835	0.00475036	339.814446	555.036512	500.652123	330.5957448	173.3156027	153.3270532	Cxcr4
ENSMUSG00000030889	2.105025034	1.07383739	0.00132498	0.00477309	42.1405777	26.5238687	38.5117017	73.88672807	81.39130515	70.23368245	Vwa3a
ENSMUSG00000042115	0.204350477	-2.290882482	0.00132676	0.00477759	21.5185929	29.4709652	14.9077555	4.736328722	2.872634299	5.935240771	Klhdc8a
ENSMUSG00000058145	0.362004445	-1.465920685	0.0013326	0.00479348	153.319974	55.9948339	109.32354	38.83789552	48.83478309	27.69779026	Adamts17
ENSMUSG00000038763	0.194757054	-2.360252515	0.00135321	0.00486209	60.0727385	444.029209	79.5080294	21.78711212	62.24040982	29.67620385	Alpk3
ENSMUSG00000043448	0.410693855	-1.283864735	0.00135417	0.00486209	50.2100501	45.1888133	74.5387776	24.62890936	21.06598486	23.74096308	Gjc2
ENSMUSG00000075224	0.310067026	-1.689347984	0.00135722	0.00487161	42.1405777	45.1888133	72.0541516	8.5253917	24.89616393	15.82730872	Lrrc55
ENSMUSG00000046449	0.234783215	-2.090598821	0.00136153	0.00488397	26.8982411	26.5238687	16.1500685	4.736328722	4.787723832	6.924447566	Nexmif
ENSMUSG00000046610	0.190097885	-2.39518561	0.00136154	0.00488397	18.8287688	17.6825791	29.815511	1.894531489	6.702813365	3.956827181	Oacyl
ENSMUSG00000099411	3.305863647	1.725027221	0.0013663	0.00489989	28.6914572	122.795688	40.9963277	162.929708	169.4854237	304.6756929	2310015D24Rik
ENSMUSG00000021714	3.585125308	1.842023545	0.00137246	0.00491787	22.4152009	39.2946203	42.2386406	39.78516127	138.8439911	192.8953251	Cenpk
ENSMUSG00000091898	0.208504066	-2.26185258	0.00138458	0.00495709	25.105025	63.853758	207.466264	22.73437787	22.02352963	16.81651552	Tnnc1
ENSMUSG00000075296	0.39343015	-1.345820573	0.00139436	0.00498995	104.90314	78.5892406	60.873335	21.78711212	45.96214879	28.68699706	Aldh3b2
ENSMUSG00000044461	0.294534402	-1.763491944	0.00141276	0.00504895	110.282789	208.261488	58.3887091	52.09961595	40.21688019	18.79492911	Shisa2
ENSMUSG00000052212	0.16037048	-2.64051949	0.00141295	0.00504895	24.208417	90.3776267	17.3923814	10.41992319	2.872634299	7.913654361	Cd177
ENSMUSG00000042340	2.039013331	1.027871207	0.00141814	0.00506533	41.2439697	79.5716061	63.3579609	108.9355606	132.1411778	133.5429173	Ctf1
ENSMUSG00000036560	0.394521895	-1.341822728	0.00142595	0.00508567	260.016331	124.760419	98.1427238	52.09961595	76.60358132	62.32002809	Lgi4
ENSMUSG00000021773	0.495276808	-1.013693029	0.00142955	0.00509635	94.1438439	129.672247	178.893066	63.46680488	69.90076795	65.28764848	Comtd1
ENSMUSG00000085335	0.235112972	-2.088573954	0.00143119	0.00510112	16.1389447	36.3475238	50.9348313	5.683594467	8.617902898	9.892067951	Gm13684
ENSMUSG00000085058	0.161322412	-2.631981211	0.00144643	0.00515324	13.4491206	19.6473102	27.3308851	1.894531489	1.915089533	5.935240771	8030453O22Rik
ENSMUSG00000020061	0.044638061	-4.485581836	0.00146266	0.00520222	106.696356	1254.48075	375.178514	12.31445468	63.19795459	1.97841359	Mybpc1
ENSMUSG00000026073	0.304548313	-1.715256982	0.00146395	0.00520572	43.0371858	102.166013	65.8425868	32.20703531	21.06598486	10.88127475	Il1r2
ENSMUSG00000078302	3.83825178	1.940449352	0.00146507	0.00520794	17.9321607	14.7354826	3.72693888	35.04883255	42.13196972	65.28764848	Foxd1
ENSMUSG00000097667	0.258750213	-1.950368046	0.0014767	0.00524328	19.7253768	68.7655855	75.7810905	15.15625191	16.27826103	10.88127475	Gm26764
ENSMUSG00000101356	0.213504091	-2.227664379	0.00148122	0.00525708	17.9321607	19.6473102	21.1193203	5.683594467	3.830179066	2.967620385	Gm28876
ENSMUSG00000108601	0.405437122	-1.302449907	0.00149324	0.00529305	77.1082912	111.007302	163.985311	48.31055297	62.24040982	31.65461744	Gm44645
ENSMUSG00000039981	0.280677793	-1.833013169	0.00150366	0.00532548	59.1761304	92.3423577	108.081227	46.41602148	14.3631715	11.87048154	Zc3h12d
ENSMUSG00000022824	6.416688768	2.681829009	0.00150562	0.0053313	2.68982411	3.92946203	7.45387776	19.89258063	55.53759645	12.85968834	Muc13
ENSMUSG00000003379	5.068756237	2.341631784	0.00151439	0.00536121	17.0355527	22.5944067	34.7847629	276.6015974	30.64143253	68.25526886	Cd79a
ENSMUSG00000020108	0.497224518	-1.008030659	0.00157014	0.0055399	1479.40326	1405.76504	1258.46303	381.748095	647.3002621	1031.742687	Ddit4
ENSMUSG00000022871	14.29768438	3.837709605	0.00157259	0.00554735	7.1728643	3.92946203	1.24231296	161.9824423	13.40562673	3.956827181	Fetub
ENSMUSG00000032495	0.157686872	-2.664865538	0.00158453	0.00558713	19.7253768	119.848592	18.6346944	11.36718893	7.660358132	5.935240771	Lrrc2
ENSMUSG00000086069	0.167871004	-2.574575038	0.00159339	0.00561484	9.86268841	45.1888133	65.8425868	10.41992319	3.830179066	5.935240771	Gm13708
ENSMUSG00000047793	0.231128551	-2.113232612	0.00159416	0.00561637	3848.2417	1618.93836	660.910494	482.1582639	430.8951449	503.5062587	Sned1
ENSMUSG00000076937	3.235463756	1.693972516	0.00159668	0.00562406	17.0355527	61.889027	37.2693888	163.8769738	66.07058888	145.4133989	Iglc2
ENSMUSG00000097554	6.242041975	2.642018059	0.00159876	0.0056302	3.58643215	0.98236551	6.2115648	30.31250382	13.40562673	21.76254949	Gm26825
ENSMUSG00000022797	4.009402469	2.003387244	0.0016061	0.00565013	249.257034	726.950476	334.182186	790.0196309	2455.144781	2009.079001	Tfrc
ENSMUSG00000105033	0.354347207	-1.496764417	0.00161028	0.00566367	63.6591706	140.478268	241.008714	53.99414743	47.87723832	55.39558053	Gm43423
ENSMUSG00000097216	2.630986448	1.395603817	0.00165244	0.00580221	34.0711054	15.7178481	49.6925184	76.7285253	93.83938711	89.02861156	4932441J04Rik
ENSMUSG00000091952	2.587724132	1.371683825	0.00166297	0.00583796	24.208417	14.7354826	14.9077555	53.04688169	46.91969356	40.5574786	Gm17709
ENSMUSG00000038663	0.112455995	-3.152567522	0.00166724	0.00585174	104.006532	858.587454	115.535105	32.20703531	59.36777552	29.67620385	Fsd2
ENSMUSG00000030785	0.060536353	-4.046054428	0.00167109	0.00586112	75.3150751	1123.82614	193.800822	16.10351766	61.28286505	6.924447566	Cox6a2
ENSMUSG00000093594	0.433399272	-1.206231364	0.00167468	0.00587048	56.4863063	52.0653719	42.2386406	19.89258063	23.93861916	21.76254949	Gm20707
ENSMUSG00000021087	0.467290496	-1.097608399	0.00173434	0.00605811	75.3150751	97.2541852	103.111976	43.57422425	29.68388776	55.39558053	Rtn1
ENSMUSG00000014837	0.308697383	-1.69573484	0.00176498	0.00615231	56.4863063	48.1359099	45.9655795	14.20898617	6.702813365	25.71937667	4931428F04Rik
ENSMUSG00000093861	0.24258463	-2.04343995	0.0017668	0.00615737	59.1761304	85.4657992	28.5731981	24.62890936	11.4905372	5.935240771	Igkv1-110

ENSMUSG00000105368	2.802513308	1.486721224	0.00177842	0.0061953	17.9321607	14.7354826	8.69619071	41.67969276	35.42915636	40.5574786	Gm43759
ENSMUSG00000025216	0.121374565	-3.042461966	0.00178027	0.00620046	7.1728643	207.279122	55.9040832	4.736328722	18.19335056	9.892067951	Lbx1
ENSMUSG00000103614	3.880710993	1.956320996	0.00179745	0.00625511	3.58643215	7.85892406	7.45387776	22.73437787	23.93861916	25.71937667	Gm37949
ENSMUSG00000000686	0.355226397	-1.493189304	0.00180236	0.00626842	125.525125	52.0653719	52.1771443	26.52344084	29.68388776	25.71937667	Abhd15
ENSMUSG00000019320	3.34627787	1.74255725	0.00180513	0.00627402	27.7948491	6.87655855	12.4231296	53.04688169	49.79232786	56.38478732	Noxo1
ENSMUSG00000042581	4.614167344	2.206070328	0.00181329	0.00629977	5.37964822	12.7707516	4.96925184	16.10351766	51.70741739	39.56827181	Thsd7b
ENSMUSG00000060550	0.404718282	-1.305010074	0.00181379	0.00630022	837.431907	2618.00408	882.042201	542.7832716	473.0271146	739.9266828	H2-Q7
ENSMUSG00000097756	0.147510474	-2.761110697	0.00181544	0.00630464	52.8998742	12.7707516	18.6346944	7.578125956	1.915089533	2.967620385	A730056A06Rik
ENSMUSG00000026828	0.221674939	-2.173482418	0.00182714	0.00634004	29.5880652	24.5591377	19.8770073	1.894531489	6.702813365	7.913654361	Galnt5
ENSMUSG00000050921	2.615472549	1.387071628	0.00184932	0.00641435	62.7625626	85.4657992	73.2964646	321.1230874	95.75447664	162.2299144	P2ry10
ENSMUSG00000072845	0.234802042	-2.090483137	0.00185944	0.00644678	36.7609295	41.2593513	19.8770073	5.683594467	13.40562673	3.956827181	Tmprss11a
ENSMUSG00000039193	0.377019177	-1.407290188	0.0018601	0.00644773	42.1405777	62.8713925	55.9040832	29.36523808	15.32071626	15.82730872	Nlrc4
ENSMUSG00000105655	0.371832983	-1.427273348	0.00186579	0.00646613	78.9015073	152.266654	245.977966	57.78321041	77.56112608	41.5466854	Gm42659
ENSMUSG00000041957	0.460667124	-1.118203454	0.00186997	0.00647794	102.213316	81.5363371	119.262044	64.41407062	41.17442496	33.63303103	Pkp2
ENSMUSG00000109268	0.180358118	-2.471063733	0.00187169	0.00648121	12.5525125	16.7002136	40.9963277	3.789062978	3.830179066	4.946033976	9530078K11Rik
ENSMUSG00000030798	0.366063724	-1.44983328	0.0018958	0.00655928	315.606029	458.764692	344.12069	255.761751	83.30639468	70.23368245	Cd37
ENSMUSG00000005580	2.059219372	1.042097531	0.00190295	0.0065813	401.680401	251.48557	147.835242	621.4063284	501.7534576	530.2148422	Adcy9
ENSMUSG00000024617	0.114340626	-3.128589997	0.00190273	0.0065813	157.803015	1253.49839	295.670484	35.04883255	123.5232749	36.60065142	Camk2a
ENSMUSG00000108841	0.263410851	-1.924613318	0.00191063	0.00660245	50.2100501	18.6649446	63.3579609	8.5253917	15.32071626	10.88127475	Frmpd2
ENSMUSG00000028581	0.429939949	-1.217792927	0.00192102	0.00663344	1766.31783	3968.75665	4792.8434	1968.418217	1730.283393	826.9768807	Laptm5
ENSMUSG00000044927	0.48722547	-1.037338541	0.00192118	0.00663344	138.077638	165.037405	291.943545	106.0937634	93.83938711	89.02861156	H1fx
ENSMUSG00000005968	0.343112221	-1.543247582	0.00192778	0.00665485	34.0711054	49.1182754	58.3887091	9.472657445	17.2358058	21.76254949	Tuft1
ENSMUSG00000005233	0.405654093	-1.301678048	0.00194398	0.00670309	85.1777635	141.460633	156.531433	30.31250382	49.79232786	75.17971643	Spc25
ENSMUSG00000064147	0.33199331	-1.590773923	0.00195315	0.0067272	29.5880652	79.5716061	53.4194572	20.83984638	18.19335056	14.83810193	Rab44
ENSMUSG00000068614	0.227511778	-2.135986859	0.00195666	0.00673791	789.911681	3376.39025	887.011453	359.9609829	467.281846	322.4814152	Actc1
ENSMUSG00000034796	0.439255572	-1.186867506	0.00196142	0.00675291	73.521859	61.889027	54.6617702	28.41797233	35.42915636	19.7841359	Cpne7
ENSMUSG00000022883	0.398327496	-1.327973025	0.00196818	0.00677479	171.252135	61.889027	126.715922	50.20508446	54.58005169	38.57906501	Robo1
ENSMUSG00000031101	0.332942891	-1.586653361	0.00197531	0.00679796	158.699623	294.709652	217.404768	139.2480644	33.51406683	50.44954655	Sash3
ENSMUSG00000049122	0.45478688	-1.136737461	0.00197652	0.00680072	64.5557787	70.7303165	50.9348313	30.31250382	22.02352963	32.64382424	Frmd3
ENSMUSG00000080850	0.07467138	-3.743300789	0.00200641	0.00689226	1.79321607	63.853758	24.8462592	0.947265744	3.830179066	1.97841359	Gm12439
ENSMUSG00000109038	0.220443779	-2.18151733	0.00201529	0.00691852	19.7253768	42.2417168	38.5117017	5.683594467	13.40562673	2.967620385	Gm45120
ENSMUSG00000029797	0.2981399	-1.745938629	0.00202278	0.00694282	62.7625626	31.4356962	24.8462592	11.36718893	11.4905372	12.85968834	Sspo
ENSMUSG00000044288	0.36617035	-1.449413121	0.0020361	0.00698566	92.3506278	35.3651583	67.0848998	21.78711212	24.89616393	24.73016988	Cnr1
ENSMUSG00000102854	0.287008139	-1.800836447	0.00204001	0.00699622	41.2439697	127.707516	244.735653	48.31055297	34.47161159	35.61144462	C130023A14Rik
ENSMUSG00000078958	8.287956615	3.051016451	0.00204604	0.00701402	6.27625626	0.98236551	0	24.62890936	17.2358058	21.76254949	Atp6ap1l
ENSMUSG00000089317	2.841690181	1.506749272	0.00204954	0.0070246	17.0355527	10.8060206	13.6654426	51.1523502	35.42915636	31.65461744	Snord123
ENSMUSG00000037759	0.394675239	-1.341262083	0.00209702	0.00716394	35.8643215	55.0124684	38.5117017	17.0507834	17.2358058	16.81651552	Ptger2
ENSMUSG00000070645	0.141273658	-2.823435607	0.00211333	0.00720937	98.6268841	21.6120412	8.69619071	5.683594467	7.660358132	4.946033976	Ren1
ENSMUSG00000045327	0.418484739	-1.256753084	0.00211802	0.00722243	59.1761304	86.4481647	141.623677	41.67969276	35.42915636	42.53589219	6330549D23Rik
ENSMUSG00000102297	0.235941873	-2.083496615	0.00211845	0.00722243	19.7253768	59.924296	75.7810905	9.472657445	20.1084401	6.924447566	5730585A16Rik
ENSMUSG00000109984	0.313506057	-1.673434777	0.00213306	0.00726757	22.4152009	38.3122548	28.5731981	9.472657445	8.617902898	9.892067951	Gm38948
ENSMUSG00000108132	4.372707289	2.128526777	0.00214631	0.0073026	5.37964822	12.7707516	2.48462592	22.73437787	38.30179066	30.66541065	Gm44175
ENSMUSG00000030641	0.298396148	-1.744699182	0.00214716	0.007304	32.2778893	28.4885997	36.0270758	9.472657445	14.3631715	4.946033976	Ddias
ENSMUSG00000031760	0.116331114	-3.103691079	0.00216941	0.00737671	14.3457286	134.584075	49.6925184	0.947265744	18.19335056	3.956827181	Mt3
ENSMUSG00000060680	5.581173545	2.480568507	0.00218788	0.00743509	2.68982411	5.89419305	1.24231296	15.15625191	19.15089533	21.76254949	Gm8894
ENSMUSG00000028996	0.429305894	-1.219922116	0.00218876	0.00743646	53.7964822	67.78322	104.354289	26.52344084	37.34424589	32.64382424	Rbp7
ENSMUSG00000030124	0.456652268	-1.130832097	0.00221276	0.00751194	76.2116831	100.201282	159.016059	42.6269585	56.49514122	53.41716694	Lag3
ENSMUSG00000090098	0.197468671	-2.340304314	0.00222694	0.007557	20.6219849	22.5944067	19.8770073	6.630860211	4.787723832	0.989206795	Alms1-ps2
ENSMUSG00000010797	0.443895684	-1.171707414	0.00223191	0.00756929	72.625251	69.747951	104.354289	39.78516127	23.93861916	45.50351258	Wnt2
ENSMUSG00000038765	0.216115276	-2.210127046	0.0022379	0.00758808	31.3812813	16.7002136	23.6039462	2.841797233	3.830179066	8.902861156	Lmx1b
ENSMUSG00000070873	0.319364529	-1.646724008	0.00224252	0.00760066	34.9677134	42.2417168	24.8462592	15.15625191	8.617902898	8.902861156	Lilra5
ENSMUSG00000044628	0.206708057	-2.274333475	0.00224773	0.00761677	18.8287688	13.7531171	28.5731981	3.789062978	2.872634299	5.935240771	Rnf208
ENSMUSG00000058665	0.238941209	-2.065272406	0.00225883	0.0076528	18.8287688	30.4533307	64.6002739	5.683594467	12.44808196	8.902861156	En1
ENSMUSG00000026686	0.213296921	-2.229064952	0.00226375	0.00766642	20.6219849	13.7531171	38.5117017	3.789062978	6.702813365	4.946033976	Lmx1a
ENSMUSG00000007021	2.32766534	1.218883649	0.00228113	0.00772218	24.208417	18.6649446	18.6346944	40.73242701	50.74987262	52.42796014	Syngr3
ENSMUSG00000022322	0.37183995	-1.427246314	0.00228764	0.00774109	69.0388189	82.5187026	34.7847629	18.94531489	22.02352963	28.68699706	Shcbp1
ENSMUSG00000093514	0.302024272	-1.727263598	0.00228749	0.00774109	28.6914572	28.4885997	22.3616333	6.630860211	10.53299243	6.924447566	Gm28727
ENSMUSG00000052920	2.175360904	1.121254771	0.00229936	0.0077729	556.793591	275.062342	178.893066	779.5997077	670.2813365	752.7863711	Prkg1
ENSMUSG00000073274	9.071274288	3.181305228	0.00229914	0.0077729	0.89660804	3.92946203	1.24231296	6.630860211	19.15089533	29.67620385	Gm14636
ENSMUSG00000110453	3.999913142	1.999968672	0.00230193	0.00778001	7.1728643	5.89419305	3.72693888	28.41797233	22.02352963	17.80572231	Gm32352
ENSMUSG00000032105	5.697944966	2.510441687	0.00231107	0.00780779	3.58643215	3.92946203	3.72693888	19.89258063	9.575447664	34.62223783	Pdzd3
ENSMUSG00000044258	3.39358193	1.762808844	0.00231931	0.00783245	1536.78618	1783.97576	1920.61583	2434.472963	10394.14844	4957.904457	Ctla2a
ENSMUSG00000075277	0.183695288	-2.444613474	0.00232581	0.00785125	14.3457286	16.7002136	48.4502054	2.841797233	6.702813365	4.946033976	Haglr
ENSMUSG00000029086	0.392288511	-1.35001301	0.00233459	0.00787772	40.3473617	34.3827928	38.5117017	13.26172042	13.40562673	17.80572231	Prom1
ENSMUSG00000040473	0.437057981	-1.194103413	0.00233454	0.00787772	99.5234921	59.924296	55.9040832	35.04883255	26.81125346	32.64382424	Cfap69
ENSMUSG00000047281	0.453574568	-1.140588345	0.00234165	0.00789835	112.076005	165.037405	285.731981	93.7793087	75.64603655	85.07178438	Sfn
ENSMUSG00000026285	0.233299499	-2.099744884	0.00234252	0.0078997	18.8287688	38.3122548	21.1193203	9.472657445	3.830179066	4.946033976	Pdcd1
ENSMUSG00000000290	0.421189057	-1.247460141	0.0023616	0.00795617	982.682409	1714.22781	865.892133	745.4981409	527.6071663	227.5175629	Itgb2
ENSMUSG00000097462	2.182963325	1.126287893	0.00236163	0.00795617	92.3506278	77.6068751	36.0270758	174.296897	133.0987225	145.4133989	9530026P05Rik
ENSMUSG00000073802	0.441162612	-1.180617566	0.00236482	0.00796532	94.1438439	90.3776267	91.931159	21.78711212	47.87723832	52.42796014	Cdkn2b
ENSMUSG00000074071	2.432311893	1.282328236	0.0024	0.0080757	29.5880652	29.4709652	36.0270758	114.6191551	56.49514122	59.35240771	Fam169b
ENSMUSG00000048911	2.012006387	1.008634885	0.00240322	0.00808331	381.058416	180.755253	162.742998	458.4766203	458.6639431	544.0637373	Rnf24
ENSMUSG00000087187	4.07481924	2.026736062	0.00240655	0.00809288	7.1728643	17.6825791	17.3923814	21.78711212	95.75447664	53.41716694	Gm13431
ENSMUSG00000020333	0.226292062	-2.143742119	0.00241851	0.00812983	33.1744974	126.72515	27.3308851	9.472657445	20.1084401	12.85968834	Acsl6
ENSMUSG00000084998	2.316659048	1.212045733	0.00246177	0.00826533	17.9321607	21.6120412	17.3923814	44.52148999	41.17442496	46.49271937	Gm16279
ENSMUSG00000088549	0.229351273	-2.12436918	0.00246569	0.00827683	17.0355527	44.2064478	60.873335	7.578125956	15.32071626	4.946033976	Gm24959
ENSMUSG00000024481	0.256866087	-1.960911664	0.00247521	0.00830547	59.1761304	26.5238687	18.6346944	9.472657445	9.575447664	7.913654361	Lvrn
ENSMUSG00000024109	0.416904296	-1.262211856	0.00249595	0.00836668	37.6575376	46.1711789	40.9963277	17.99804914	19.15089533	14.83810193	Nrxn1
ENSMUSG00000029414	0.436329534	-1.196509965	0.00249727	0.00836946	69.0388189	84.4834337	47.2078925	22.73437787	31.59897729	33.63303103	Kntc1
ENSMUSG00000000296	2.919215705	1.545580818	0.00249919	0.0083742	30.4846733	66.8008545	14.9077555	127.8808755	94.79693188	106.8343339	Tpd52l1
ENSMUSG00000108033	4.696774723	2.231670398	0.00250133	0.00837972	9.86268841	1.96473102	6.2115648	17.0507834	30.64143253	37.58985821	Gm44284
ENSMUSG00000103046	2.497788669	1.32065142	0.00251254	0.00841326	58.2795224	33.4004273	18.6346944	101.3574347	87.13657375	90.01781836	Gm37309
ENSMUSG00000039578	0.288741249	-1.792150873	0.00251459	0.00841405	33.1744974	26.5238687	23.6039462	4.736328722	11.4905372	7.913654361	Ccser1
ENSMUSG00000048163	0.449978551	-1.152071859	0.00251404	0.00841405	492.237812	906.723363	670.848998	496.3672501	254.7069079	180.0356367	Selplg

ENSMUSG00000104339	0.270481921	-1.886395926	0.00251435	0.00841405	29.5880652	79.5716061	129.200548	32.20703531	20.1084401	11.87048154	C130089K02Rik
ENSMUSG00000042828	0.082082287	-3.606785258	0.00251844	0.00842357	49.313442	930.300136	224.858646	19.89258063	65.11304412	13.84889513	Trim72
ENSMUSG00000032221	0.377505662	-1.405429812	0.0025215	0.00843212	52.0032661	65.818489	32.3001369	15.15625191	22.98107439	18.79492911	Mns1
ENSMUSG00000103195	0.323820597	-1.626733342	0.0025254	0.00844181	26.8982411	40.2769858	70.8118387	12.31445468	17.2358058	14.83810193	Gm37644
ENSMUSG00000027556	5.034519375	2.331854057	0.00253558	0.00846742	2.68982411	4.91182754	2.48462592	15.15625191	17.2358058	18.79492911	Car1
ENSMUSG00000111058	3.445572425	1.784743683	0.00253815	0.00847431	5.37964822	8.84128957	7.45387776	25.5761751	21.06598486	27.69779026	Gm36033
ENSMUSG00000026971	0.104580229	-3.257317957	0.00255462	0.00852098	13.4491206	124.760419	44.7232665	4.736328722	14.3631715	0	Itgb6
ENSMUSG00000103851	0.328980572	-1.603925707	0.00255467	0.00852098	58.2795224	89.3952612	209.95089	41.67969276	49.79232786	25.71937667	Gm37606
ENSMUSG00000028020	0.24625592	-2.021769685	0.00257393	0.00857671	34.9677134	13.7531171	49.6925184	8.5253917	6.702813365	8.902861156	Glrb
ENSMUSG00000078956	0.211940163	-2.238271089	0.0025803	0.0085911	19.7253768	18.6649446	16.1500685	4.736328722	1.915089533	4.946033976	Gm14221
ENSMUSG00000063193	0.462913081	-1.111186765	0.00258734	0.00860771	156.906406	232.820625	192.558509	122.197281	98.62711094	48.47113296	Cd300lb
ENSMUSG00000027496	0.464232059	-1.10708194	0.00260751	0.00866967	62.7625626	108.060206	106.838914	33.15430106	44.04705926	51.43875335	Aurka
ENSMUSG00000060913	0.07954268	-3.65212702	0.00262551	0.00872604	9.86268841	162.090309	44.7232665	1.894531489	15.32071626	0	Trim55
ENSMUSG00000055809	0.475714032	-1.071833516	0.00264496	0.00878546	100.4201	94.3070887	64.6002739	33.15430106	37.34424589	53.41716694	Dnaaf3
ENSMUSG00000106472	0.28224778	-1.824965863	0.00264609	0.00878749	20.6219849	26.5238687	38.5117017	10.41992319	8.617902898	4.946033976	Gm43111
ENSMUSG00000058427	0.044220863	-4.499128997	0.00264788	0.00879168	46.6236179	1021.66013	183.862318	19.89258063	34.47161159	0.989206795	Cxcl2
ENSMUSG00000024386	73.62097025	6.202044858	0.00265892	0.0088266	0.89660804	0	0	76.7285253	4.787723832	0	Proc
ENSMUSG00000027077	0.087360928	-3.516868011	0.00266358	0.00883962	7.1728643	135.56644	11.1808166	1.894531489	9.575447664	1.97841359	Smtnl1
ENSMUSG00000104867	0.137375387	-2.863804547	0.00266389	0.00883962	8.06947233	25.5415032	50.9348313	1.894531489	7.660358132	1.97841359	Gm43728
ENSMUSG00000004371	0.311988442	-1.680435513	0.00266974	0.00885727	21.5185929	29.4709652	36.0270758	10.41992319	6.702813365	9.892067951	Il11
ENSMUSG00000027510	2.030760554	1.022020142	0.00267538	0.00886721	264.499371	605.137153	332.939873	602.4610135	1073.407683	766.6352662	Rbm38
ENSMUSG00000035189	2.876738571	1.52443412	0.00271375	0.00898019	12.5525125	14.7354826	14.9077555	35.99609829	27.76879823	57.37399412	Ano4
ENSMUSG00000082419	0.249880348	-2.000690653	0.002752	0.00909422	20.6219849	68.7655855	113.050479	10.41992319	16.27826103	23.74096308	Gm11425
ENSMUSG00000030178	0.308330091	-1.697452403	0.00275483	0.00909464	24.208417	35.3651583	31.057824	8.5253917	13.40562673	5.935240771	Klra13-ps
ENSMUSG00000036244	4.645839233	2.215939231	0.00275306	0.00909464	8.96608037	1.96473102	3.72693888	26.52344084	20.1084401	22.75175629	Tbc1d21
ENSMUSG00000040729	2.823908618	1.497693404	0.00275464	0.00909464	52.0032661	27.5062342	12.4231296	81.46485402	82.34884991	98.92067951	Cep126
ENSMUSG00000025127	10.74752571	3.425932657	0.00277596	0.00915538	2.68982411	0	4.96925184	55.88867892	17.2358058	6.924447566	Gcgr
ENSMUSG00000027843	0.452606035	-1.143672273	0.00280455	0.00923928	98.6268841	197.455467	109.32354	74.83399381	64.15549935	44.51430578	Ptpn22
ENSMUSG00000005357	0.233513455	-2.098422417	0.00280579	0.00924105	23.311809	20.6296757	52.1771443	3.789062978	6.702813365	11.87048154	Slc1a6
ENSMUSG00000107304	0.188549256	-2.40698664	0.00288511	0.00947441	10.7592964	37.3298893	69.5695257	11.36718893	6.702813365	3.956827181	Gm43775
ENSMUSG00000033268	0.291744454	-1.777222863	0.00292591	0.0095915	32.2778893	29.4709652	68.3272128	6.630860211	15.32071626	15.82730872	Duox1
ENSMUSG00000087526	2.381233627	1.251709173	0.00295942	0.00969566	17.0355527	15.7178481	21.1193203	36.94336403	42.13196972	48.47113296	Gm15738
ENSMUSG00000092569	2.050195355	1.035761385	0.00298304	0.00976162	31.3812813	31.4356962	23.6039462	58.73047616	65.11304412	54.40637373	Gm20544
ENSMUSG00000052305	2.273483162	1.184904319	0.00299726	0.00980243	554.103767	903.776267	2082.11652	2383.320613	2699.318697	2960.695938	Hbb-bs
ENSMUSG00000002588	0.416199526	-1.264652771	0.00301303	0.00984632	622.245978	279.97417	442.263413	309.7558984	134.0562673	115.737195	Pon1
ENSMUSG00000052087	0.423446219	-1.239749349	0.0030381	0.00992438	85.1777635	131.636978	89.4465331	66.30860211	28.72634299	34.62223783	Rgs14
ENSMUSG00000031382	0.162635383	-2.620286927	0.00306166	0.00998193	26.0016331	243.626646	32.3001369	7.578125956	29.68388776	11.87048154	Asb11
ENSMUSG00000107390	0.205078506	-2.285751803	0.00308834	0.01006108	21.5185929	41.2593513	44.7232665	12.31445468	8.617902898	0.989206795	Gm43323
ENSMUSG00000051498	0.49958628	-1.001194237	0.00312382	0.01016319	83.3845474	96.2718197	72.0541516	49.25781871	46.91969356	29.67620385	Tlr6
ENSMUSG00000049036	0.275693454	-1.858863084	0.0031521	0.01024889	34.9677134	25.5415032	23.6039462	5.683594467	4.787723832	12.85968834	Tmem121
ENSMUSG00000091405	3.123346671	1.643092708	0.00318257	0.01033798	25.105025	7.85892406	9.93850367	50.20508446	45.00460402	40.5574786	Hist2h4
ENSMUSG00000086451	0.43757574	-1.192395341	0.00318851	0.01035323	59.1761304	40.2769858	57.1463961	18.94531489	27.76879823	21.76254949	4933431K23Rik
ENSMUSG00000050896	0.349395133	-1.517068583	0.00320461	0.01039949	32.2778893	29.4709652	52.1771443	9.472657445	16.27826103	13.84889513	Rtn4rl2
ENSMUSG00000091955	0.344924955	-1.535645585	0.00323621	0.01049394	22.4152009	35.3651583	34.7847629	10.41992319	11.4905372	9.892067951	Gm9844
ENSMUSG00000091509	0.480703751	-1.056780033	0.00324335	0.010513	325.468717	620.855001	985.154177	288.9160521	341.8434816	296.7620385	Gm17066
ENSMUSG00000017740	0.408998043	-1.289834156	0.00328301	0.010619	60.9693465	36.3475238	45.9655795	23.68164361	19.15089533	15.82730872	Slc12a5
ENSMUSG00000110547	0.161995866	-2.625971096	0.00331677	0.01071996	11.6559045	130.654613	29.815511	6.630860211	15.32071626	5.935240771	Gm29773
ENSMUSG00000031397	5.669816578	2.503302064	0.00333176	0.01076218	5.37964822	0.98236551	2.48462592	15.15625191	19.15089533	16.81651552	Tktl1
ENSMUSG00000026180	3.02091894	1.594987473	0.00333275	0.0107633	24.208417	86.4481647	40.9963277	245.3418278	117.7780063	94.96385233	Cxcr2
ENSMUSG00000053886	0.336150243	-1.572821901	0.00336219	0.01084793	56.4863063	66.8008545	68.3272128	16.10351766	38.30179066	9.892067951	Sh2d4a
ENSMUSG00000043789	2.889368076	1.530754	0.0033902	0.01093412	20.6219849	12.7707516	19.8770073	27.47070659	69.90076795	56.38478732	Vwce
ENSMUSG00000050157	7.450248409	2.897288529	0.00339333	0.0109421	2.68982411	2.94709652	1.24231296	5.683594467	25.85370869	20.7733427	Gm867
ENSMUSG00000027977	2.337731016	1.22510894	0.00340937	0.01098959	30.4846733	19.6473102	18.6346944	44.52148999	66.07058888	51.43875335	Ndst3
ENSMUSG00000076586	0.044514678	-4.489575066	0.003419	0.01101431	81.5913314	47.1535444	0	4.736328722	0	0.989206795	Igkv8-21
ENSMUSG00000085348	0.117894241	-3.084434855	0.00343614	0.01106526	15.2423366	242.64428	43.4809536	2.841797233	28.72634299	3.956827181	Myhas
ENSMUSG00000053749	0.196073748	-2.350531706	0.00347314	0.01117798	24.208417	20.6296757	18.6346944	8.5253917	1.915089533	1.97841359	Gm9920
ENSMUSG00000102719	0.272642844	-1.874915808	0.00347577	0.01118429	26.0016331	89.3952612	131.685174	34.1015668	19.15089533	13.84889513	Gm37760
ENSMUSG00000096351	3.611857511	1.852740979	0.00349337	0.01123446	8.06947233	3.92946203	8.69619071	19.89258063	31.59897729	22.75175629	Samd11
ENSMUSG00000049336	0.284671347	-1.812630808	0.00349786	0.01124677	24.208417	47.1535444	19.8770073	6.630860211	10.53299243	8.902861156	Tenm2
ENSMUSG00000051855	0.344370943	-1.537964677	0.00353837	0.01135961	873.296228	265.238687	321.759056	104.1992319	291.093609	107.8235407	Mest
ENSMUSG00000029597	3.000116225	1.585018392	0.00354042	0.011364	17.0355527	12.7707516	7.45387776	51.1523502	33.51406683	28.68699706	Sds
ENSMUSG00000048647	0.469268741	-1.091513732	0.00356816	0.01144649	53.7964822	53.0477374	68.3272128	22.73437787	34.47161159	24.73016988	Exd1
ENSMUSG00000031250	0.381874701	-1.388828748	0.0035858	0.01149647	216.979145	61.889027	200.012386	65.36133637	69.90076795	47.48192617	Tnmd
ENSMUSG00000063011	0.083304597	-3.585460079	0.00362531	0.01159879	2.68982411	40.2769858	26.0885721	2.841797233	2.872634299	0	Msln
ENSMUSG00000036136	0.17171066	-2.541948487	0.0036536	0.01168039	29.5880652	13.7531171	12.4231296	1.894531489	5.745268599	1.97841359	Fam110c
ENSMUSG00000107428	0.213395111	-2.228400968	0.00366355	0.01170773	12.5525125	29.4709652	34.7847629	7.578125956	6.702813365	1.97841359	Gm44154
ENSMUSG00000037849	0.249054416	-2.005467105	0.00366562	0.01171213	39.4507536	204.332026	156.531433	63.46680488	15.32071626	20.7733427	Ifi206
ENSMUSG00000010021	0.289667495	-1.787530293	0.00374112	0.01192838	17.9321607	55.9948339	45.9655795	12.31445468	14.3631715	7.913654361	Kif19a
ENSMUSG00000107451	2.331915599	1.221515573	0.00374077	0.01192838	16.1389447	24.5591377	29.815511	48.31055297	67.02813365	47.48192617	Gm44421
ENSMUSG00000068686	2.183070221	1.126358537	0.00377796	0.01202529	47.520226	52.0653719	28.5731981	71.04493083	126.3959092	84.08257759	Cd59b
ENSMUSG00000085888	0.110320844	-3.18022269	0.00378098	0.01203262	16.1389447	108.060206	6.2115648	2.841797233	9.575447664	1.97841359	Gm12224
ENSMUSG00000108655	0.370440534	-1.432686128	0.00378969	0.01205803	39.4507536	101.183647	125.473609	40.73242701	26.81125346	30.66541065	Gm44949
ENSMUSG00000056468	2.817352061	1.494339857	0.00379113	0.01206034	72.625251	27.5062342	17.3923814	94.72657445	118.735551	120.683229	5730596B20Rik
ENSMUSG00000037922	3.879997741	1.956055813	0.0037948	0.01206879	49.313442	60.9066615	62.115648	488.7891241	48.83478309	130.575297	Bank1
ENSMUSG00000097081	0.359221962	-1.477052539	0.00380178	0.01208277	51.1066581	38.3122548	33.5424499	20.83984638	8.617902898	14.83810193	Gm10425
ENSMUSG00000052301	3.440194892	1.782490298	0.00382662	0.01215022	9.86268841	8.84128957	4.96925184	30.31250382	34.47161159	17.80572231	Doc2a
ENSMUSG00000032338	0.195123899	-2.357537602	0.00382922	0.01215617	9.86268841	39.2946203	19.8770073	5.683594467	4.787723832	2.967620385	Hcn4
ENSMUSG00000035948	0.273832952	-1.868632029	0.00384595	0.01219772	218.772361	56.9771994	43.4809536	38.83789552	20.1084401	28.68699706	Acss3
ENSMUSG00000040086	3.17613846	1.667273807	0.00391592	0.01240154	8.06947233	17.6825791	7.45387776	26.52344084	45.96214879	33.63303103	Tnni3k
ENSMUSG00000072109	0.377779972	-1.404381874	0.00391612	0.01240154	34.9677134	84.4834337	72.0541516	32.20703531	19.15089533	20.7733427	A530040E14Rik
ENSMUSG00000031389	0.466941208	-1.098687181	0.00391846	0.01240234	198.150376	317.304059	190.073883	167.6660368	71.81585748	90.01781836	Arhgap4
ENSMUSG00000075589	3.15929761	1.659603847	0.00391799	0.01240234	10.7592964	8.84128957	4.96925184	27.47070659	27.76879823	23.74096308	Gm11536
ENSMUSG00000082762	0.20743699	-2.269254916	0.00394511	0.01247921	13.4491206	21.6120412	58.3887091	5.683594467	9.575447664	3.956827181	Gm12366
ENSMUSG00000021684	0.497453042	-1.007367749	0.00399439	0.01261465	92.3506278	67.78322	131.685174	52.09961595	45.00460402	47.48192617	Pde8b

ENSMUSG00000102437	3.20800963	1.681678473	0.00402928	0.01270478	8.06947233	15.7178481	8.69619071	20.83984638	41.17442496	42.53589219	Gm38048
ENSMUSG00000085192	0.358659146	-1.479314673	0.00407521	0.01282548	26.8982411	50.1006409	74.5387776	18.94531489	16.27826103	18.79492911	Gm12195
ENSMUSG00000107792	0.260924362	-1.938296442	0.00409712	0.01288477	22.4152009	21.6120412	14.9077555	3.789062978	5.745268599	5.935240771	Gm43914
ENSMUSG00000076613	0.28483374	-1.811808044	0.00421839	0.01322649	105.799748	157.178481	115.535105	74.83399381	22.98107439	9.892067951	Ighg2b
ENSMUSG00000044528	0.346793793	-1.527850017	0.00424329	0.01329648	42.1405777	28.4885997	52.1771443	17.99804914	7.660358132	16.81651552	Tram1l1
ENSMUSG00000090919	0.372249628	-1.425657689	0.00424388	0.01329648	56.4863063	26.5238687	38.5117017	14.20898617	15.32071626	15.82730872	Pabpc4l
ENSMUSG00000019852	0.343595393	-1.541217401	0.00425792	0.01333301	36.7609295	24.5591377	57.1463961	11.36718893	17.2358058	11.87048154	Arfgef3
ENSMUSG00000034435	0.48307144	-1.049691533	0.00427983	0.01338415	69.9354269	64.8361235	105.596602	47.36328722	30.64143253	37.58985821	Tmem30b
ENSMUSG00000027762	0.362854387	-1.462537384	0.0043485	0.01357865	40.3473617	35.3651583	40.9963277	21.78711212	8.617902898	11.87048154	Sucnr1
ENSMUSG00000065530	0.316306626	-1.660604319	0.00437859	0.01365736	26.8982411	61.889027	119.262044	23.68164361	22.98107439	18.79492911	Mir99a
ENSMUSG00000027895	6.617629402	2.726314501	0.00439252	0.01369319	21.5185929	182.719984	23.6039462	489.7363899	498.8808233	520.3227742	Kcnc4
ENSMUSG00000046215	0.199311473	-2.326903333	0.00444982	0.0138538	14.3457286	11.7883861	27.3308851	4.736328722	3.830179066	1.97841359	Rprml
ENSMUSG00000103546	0.241102017	-2.052284376	0.00445617	0.01387099	12.5525125	30.4533307	53.4194572	10.41992319	6.702813365	5.935240771	Gm37666
ENSMUSG00000071005	0.342946763	-1.543943458	0.00450664	0.01401107	21.5185929	41.2593513	36.0270758	8.5253917	13.40562673	11.87048154	Ccl19
ENSMUSG00000049173	0.075879741	-3.720141441	0.00453385	0.01408905	8.06947233	130.654613	1.24231296	1.894531489	4.787723832	3.956827181	Myoz3
ENSMUSG00000111254	0.256596356	-1.962427414	0.00453546	0.01408905	17.9321607	39.2946203	74.5387776	11.36718893	16.27826103	5.935240771	Gm48717
ENSMUSG00000108298	0.48480849	-1.04451313	0.00459162	0.01425032	67.2456028	61.889027	50.9348313	35.99609829	28.72634299	22.75175629	Gm44226
ENSMUSG00000041596	0.456350837	-1.131784717	0.00459493	0.01425797	70.8320349	46.1711789	53.4194572	31.25976957	26.81125346	19.7841359	Nlrp5-ps
ENSMUSG00000019845	0.29063165	-1.782736273	0.00464599	0.01437919	49.313442	41.2593513	14.9077555	8.5253917	12.44808196	9.892067951	Tube1
ENSMUSG00000031445	3.243527743	1.697563779	0.00464587	0.01437919	17.9321607	37.3298893	28.5731981	164.8242395	37.34424589	69.24447566	Proz
ENSMUSG00000021356	0.441592141	-1.1792136	0.0046478	0.01438213	232.221482	256.397397	159.016059	155.3515821	52.66496215	78.14733682	Irf4
ENSMUSG00000032179	0.35163286	-1.5078582	0.00467375	0.01445444	124.628517	47.1535444	40.9963277	27.47070659	24.89616393	22.75175629	Bmp5
ENSMUSG00000102813	0.383831591	-1.381454639	0.00471754	0.01457376	121.938693	53.0477374	50.9348313	26.52344084	22.98107439	37.58985821	Gm37795
ENSMUSG00000020309	2.003489342	1.002514835	0.00476488	0.01471188	119.248869	131.636978	90.688846	128.8281412	302.5841462	254.2261463	Chac2
ENSMUSG00000079019	0.401626378	-1.316074068	0.00481601	0.01485336	53.7964822	33.4004273	32.3001369	15.15625191	17.2358058	15.82730872	Insl3
ENSMUSG00000082738	2.227245067	1.155260309	0.00483873	0.01492068	34.9677134	22.5944067	58.3887091	73.88672807	90.00920805	91.99623195	Gm15422
ENSMUSG00000033898	10.30102836	3.364716465	0.00484514	0.0149377	10.7592964	3.92946203	8.69619071	224.5019814	13.40562673	2.967620385	Cfhr2
ENSMUSG00000037096	2.367145827	1.243148585	0.00486168	0.01498593	21.5185929	20.6296757	21.1193203	32.20703531	62.24040982	55.39558053	Gm9762
ENSMUSG00000104388	0.332823402	-1.587171218	0.00486449	0.01499185	82.4879394	258.362128	467.109673	125.0390783	90.00920805	53.41716694	Gm37033
ENSMUSG00000046856	0.377750006	-1.404496318	0.00487388	0.01501378	34.0711054	25.5415032	32.3001369	13.26172042	9.575447664	11.87048154	Gpr1
ENSMUSG00000076614	0.333761248	-1.583111638	0.00501157	0.01538582	49.313442	248.538473	105.596602	55.88867892	42.13196972	36.60065142	Ighg1
ENSMUSG00000104235	4.572670298	2.1930369	0.00502594	0.01542428	16.1389447	4.91182754	3.72693888	63.46680488	17.2358058	34.62223783	Gm37589
ENSMUSG00000049985	0.291325672	-1.779295255	0.0050399	0.01546146	28.6914572	18.6649446	32.3001369	10.41992319	3.830179066	8.902861156	Ankrd55
ENSMUSG00000107083	3.74969668	1.906773898	0.00503972	0.01546146	5.37964822	3.92946203	6.2115648	23.68164361	16.27826103	17.80572231	Gm43313
ENSMUSG00000106057	0.181406021	-2.462705757	0.00506892	0.01554482	6.27625626	37.3298893	58.3887091	3.789062978	5.745268599	8.902861156	Gm43560
ENSMUSG00000083621	2.490957025	1.316700132	0.00509183	0.01559514	17.0355527	35.3651583	55.9040832	72.93946232	82.34884991	111.7803678	Gm14586
ENSMUSG00000047462	0.234060632	-2.095045794	0.00512103	0.01567598	24.208417	31.4356962	9.93850367	3.789062978	5.745268599	5.935240771	A530099J19Rik
ENSMUSG00000035683	0.442058425	-1.177691039	0.00514258	0.0157362	75.3150751	67.78322	64.6002739	16.10351766	38.30179066	37.58985821	Melk
ENSMUSG00000034768	0.121935262	-3.035812696	0.00515182	0.01576159	22.4152009	208.261488	37.2693888	0.947265744	27.76879823	3.956827181	Asb16
ENSMUSG00000037542	32.72841355	5.032471767	0.00516473	0.01579534	0.89660804	0	1.24231296	65.36133637	1.915089533	0.989206795	Aldh8a1
ENSMUSG00000002341	3.022301301	1.595647494	0.00518463	0.01585043	6.27625626	7.85892406	14.9077555	25.5761751	29.68388776	30.66541065	Ncan
ENSMUSG00000111512	4.080274194	2.028666105	0.00520117	0.0158923	7.1728643	3.92946203	2.48462592	21.78711212	17.2358058	17.80572231	AC112680.1
ENSMUSG00000060730	3.835846847	1.939545119	0.00521347	0.0159241	3.58643215	7.85892406	7.45387776	14.20898617	24.89616393	32.64382424	Gm10086
ENSMUSG00000027956	0.194720373	-2.360524262	0.00524569	0.01599632	17.0355527	34.3827928	22.3616333	10.41992319	1.915089533	1.97841359	Tmem144
ENSMUSG00000106735	4.376708673	2.129846357	0.00528728	0.01609682	3.58643215	5.89419305	3.72693888	22.73437787	10.53299243	24.73016988	A330058E17Rik
ENSMUSG00000047394	0.359108584	-1.477507954	0.00530799	0.01614522	35.8643215	24.5591377	31.057824	9.472657445	8.617902898	14.83810193	Odf3b
ENSMUSG00000018822	0.291089492	-1.780465335	0.00531198	0.01615443	91.4540198	434.205554	72.0541516	57.78321041	72.77340225	43.52509899	Sfrp5
ENSMUSG00000034634	4.759687766	2.250866936	0.00531317	0.01615512	11.6559045	32.4180617	29.815511	223.5547157	14.3631715	112.7695746	Ly6d
ENSMUSG00000080198	0.181168835	-2.46459329	0.005321	0.01617305	6.27625626	21.6120412	31.057824	3.789062978	3.830179066	2.967620385	Gm13573
ENSMUSG00000109780	2.662377368	1.412715075	0.00539339	0.01637827	8.96608037	11.7883861	12.4231296	32.20703531	25.85370869	29.67620385	Gm45447
ENSMUSG00000092526	0.399359031	-1.324241758	0.00547436	0.01658815	39.4507536	55.0124684	86.9619071	29.36523808	26.81125346	15.82730872	Gm17907
ENSMUSG00000020686	2.642417882	1.401858638	0.00548897	0.0166264	13.4491206	11.7883861	8.69619071	34.1015668	27.76879823	28.68699706	Gas2l2
ENSMUSG00000026012	2.198674293	1.136633902	0.0054937	0.01663172	31.3812813	66.8008545	29.815511	87.14844849	111.0751929	84.08257759	Cd28
ENSMUSG00000067389	2.030884031	1.02210786	0.00553002	0.01673565	49.313442	25.5415032	32.3001369	77.67579105	72.77340225	68.25526886	Gm17080
ENSMUSG00000034730	2.274212049	1.185366778	0.00555575	0.01681048	21.5185929	18.6649446	32.3001369	39.78516127	60.32532029	63.30923489	Adgrb1
ENSMUSG00000105136	0.271363577	-1.881701001	0.00558205	0.01687486	17.0355527	51.0830064	106.838914	17.99804914	13.40562673	15.82730872	8030487O14Rik
ENSMUSG00000019726	2.233364918	1.159218998	0.00559033	0.01689379	765.703264	389.016741	203.739325	1326.172042	900.0920805	811.149572	Lyst
ENSMUSG00000051242	0.446213261	-1.164194707	0.00558982	0.01689379	118.352261	53.0477374	69.5695257	40.73242701	37.34424589	29.67620385	Pcdhb9
ENSMUSG00000103674	3.971232685	1.989586894	0.00559443	0.01690166	2.68982411	5.89419305	14.9077555	38.83789552	22.02352963	29.67620385	NA
ENSMUSG00000097791	2.648001142	1.404903744	0.00565336	0.0170505	19.7253768	18.6649446	7.45387776	48.31055297	35.42915636	39.56827181	Gm17315
ENSMUSG00000005628	0.095301716	-3.391354	0.00567471	0.01711182	107.592964	1255.46312	213.677829	39.78516127	99.58465571	10.88127475	Tmod4
ENSMUSG00000022887	0.268081546	-1.899256185	0.00567653	0.01711424	171.252135	73.6774131	26.0885721	36.94336403	22.02352963	13.84889513	Masp1
ENSMUSG00000021898	0.254771732	-1.972722881	0.00568242	0.01712583	36.7609295	230.855894	45.9655795	20.83984638	37.34424589	21.76254949	Asb14
ENSMUSG00000028438	2.4766205	1.308372817	0.00568168	0.01712583	23.311809	29.4709652	13.6654426	38.83789552	73.73094702	53.41716694	Kif24
ENSMUSG00000078452	0.243997042	-2.035064437	0.0056922	0.01714915	22.4152009	19.6473102	17.3923814	1.894531489	4.787723832	7.913654361	Raet1d
ENSMUSG00000108218	0.443447978	-1.173163228	0.00571627	0.01721547	185.597864	118.866226	64.6002739	47.36328722	53.62250692	63.30923489	Olfr1372-ps1
ENSMUSG00000020143	0.392291518	-1.350001953	0.00579883	0.0174391	537.964822	795.716061	536.679198	475.5274037	152.2496179	105.8451271	Dock2
ENSMUSG00000023243	0.477619596	-1.066066066	0.00584501	0.01756539	87.8675876	78.5892406	52.1771443	45.46875573	31.59897729	27.69779026	Kcnk5
ENSMUSG00000097625	3.932285207	1.975367964	0.00584663	0.0175671	4.48304019	6.87655855	3.72693888	14.20898617	27.76879823	17.80572231	Gm26561
ENSMUSG00000094420	0.231877921	-2.108562637	0.00584831	0.01756902	64.5557787	96.2718197	21.1193203	25.5761751	3.830179066	12.85968834	Igkv10-96
ENSMUSG00000040276	0.245655573	-2.025291124	0.00585422	0.0175836	11.6559045	23.5767722	19.8770073	3.789062978	5.745268599	3.956827181	Pacsin1
ENSMUSG00000082044	0.457075426	-1.129495839	0.00586172	0.01759668	43.0371858	45.1888133	70.8118387	27.47070659	22.02352963	22.75175629	Snrpert
ENSMUSG00000070469	2.050969263	1.036305871	0.00598896	0.01794655	884.952133	429.293727	262.128034	1136.718893	1015.954997	1084.170647	Adamtsl3
ENSMUSG00000022941	0.482538868	-1.051282941	0.00600729	0.01799507	44.8304019	70.7303165	77.0234035	28.41797233	35.42915636	28.68699706	Ripply3
ENSMUSG00000087410	0.083682148	-3.578936309	0.00603756	0.01805994	12.5525125	113.954399	11.1808166	0	10.53299243	0.989206795	2310065F04Rik
ENSMUSG00000107865	0.251511496	-1.991303749	0.0060496	0.01808951	30.4846733	30.4533307	139.139051	11.36718893	25.85370869	12.85968834	Gm44417
ENSMUSG00000076555	0.184112759	-2.441338486	0.00605172	0.01809262	25.105025	45.1888133	7.45387776	7.578125956	4.787723832	1.97841359	Igkv4-57-1
ENSMUSG00000036913	3.139302355	1.650443986	0.00605588	0.01810185	17.9321607	4.91182754	12.4231296	26.52344084	45.00460402	39.56827181	Trim67
ENSMUSG00000106720	0.19043138	-2.392656864	0.00610732	0.01823937	13.4491206	21.6120412	36.0270758	1.894531489	9.575447664	1.97841359	Gm43795
ENSMUSG00000020067	0.073986651	-3.756591191	0.00619173	0.01846337	69.0388189	900.82917	116.777418	16.10351766	60.32532029	3.956827181	Mypn
ENSMUSG00000050777	0.399696632	-1.32302268	0.00619222	0.01846337	49.313442	111.007302	99.3850367	49.25781871	34.47161159	19.7841359	Tmem37
ENSMUSG00000026009	0.321455569	-1.637308752	0.00619746	0.01846913	34.9677134	94.3070887	55.9040832	18.94531489	31.59897729	8.902861156	Icos
ENSMUSG00000049939	0.395340361	-1.338832843	0.00619704	0.01846913	37.6575376	31.4356962	65.8425868	16.10351766	21.06598486	15.82730872	Lrrc4
ENSMUSG00000107879	0.43899079	-1.187737424	0.00622206	0.01853257	35.8643215	33.4004273	38.5117017	17.0507834	14.3631715	15.82730872	9330102E08Rik

ENSMUSG00000108633	0.420190029	-1.250886166	0.00624553	0.01858305	136.284422	286.850728	525.498382	107.9882949	175.2306923	114.7479882	Gm44694
ENSMUSG00000043939	0.27532491	-1.860792954	0.00625978	0.01861849	17.0355527	79.5716061	57.1463961	21.78711212	10.53299243	9.892067951	A530064D06Rik
ENSMUSG00000109675	0.182087175	-2.457298786	0.00626615	0.01862523	21.5185929	24.5591377	17.3923814	6.630860211	0	4.946033976	Nxpe1-ps
ENSMUSG00000024245	0.371057935	-1.430283637	0.00627432	0.01864191	22.4152009	36.3475238	29.815511	9.472657445	11.4905372	11.87048154	Tmem178
ENSMUSG00000029121	0.308508643	-1.696617188	0.00629458	0.01869219	23.311809	19.6473102	42.2386406	5.683594467	9.575447664	10.88127475	Crmp1
ENSMUSG00000058498	2.315723832	1.211463211	0.00634029	0.01881128	40.3473617	19.6473102	21.1193203	66.30860211	47.87723832	75.17971643	Rnf207
ENSMUSG00000103038	0.176736589	-2.500327345	0.00635486	0.01884784	5.37964822	21.6120412	33.5424499	3.789062978	2.872634299	3.956827181	Gm37124
ENSMUSG00000078490	0.493034938	-1.020238212	0.00645311	0.01912234	111.179397	65.818489	74.5387776	35.04883255	53.62250692	35.61144462	Cfap74
ENSMUSG00000092014	0.323768503	-1.626965453	0.00646289	0.01914795	31.3812813	88.4128957	166.469937	30.31250382	39.25933542	22.75175629	Gm4468
ENSMUSG00000104174	4.975451473	2.314827442	0.00651693	0.01929783	3.58643215	0.98236551	6.2115648	17.0507834	12.44808196	22.75175629	Gm37701
ENSMUSG00000080848	2.003276549	1.002361597	0.00653317	0.01932887	28.6914572	46.1711789	45.9655795	64.41407062	74.68849178	101.8882999	Gm9385
ENSMUSG00000040703	0.293029776	-1.770880824	0.00654317	0.01935506	17.0355527	27.5062342	21.1193203	8.5253917	6.702813365	3.956827181	Cyp2s1
ENSMUSG00000032207	7.102332852	2.828292974	0.00655453	0.01937842	6.27625626	2.94709652	4.96925184	83.35938551	8.617902898	8.902861156	Lipc
ENSMUSG00000084803	0.46487007	-1.105100552	0.00658008	0.01944386	39.4507536	41.2593513	48.4502054	18.94531489	17.2358058	23.74096308	5830444B04Rik
ENSMUSG00000022422	0.333787981	-1.582996086	0.0065888	0.0194626	27.7948491	28.4885997	18.6346944	7.578125956	6.702813365	10.88127475	Dscc1
ENSMUSG00000092659	3.779250856	1.918100284	0.00660185	0.01949083	10.7592964	4.91182754	2.48462592	18.94531489	25.85370869	25.71937667	Mir3100
ENSMUSG00000039748	0.26351479	-1.924044161	0.00661099	0.0195144	25.105025	39.2946203	16.1500685	2.841797233	8.617902898	9.892067951	Exo1
ENSMUSG00000030365	0.470892069	-1.086531672	0.00661642	0.01952355	54.6930903	105.113109	90.688846	45.46875573	27.76879823	44.51430578	Clec2i
ENSMUSG00000039396	0.492121182	-1.02291448	0.00667026	0.01965477	56.4863063	81.5363371	65.8425868	25.5761751	44.04705926	30.66541065	Neil3
ENSMUSG00000003070	0.426837911	-1.228239777	0.00667507	0.01966205	87.8675876	64.8361235	146.592929	27.47070659	60.32532029	39.56827181	Efna2
ENSMUSG00000043498	0.209838709	-2.252647258	0.00667502	0.01966205	26.8982411	11.7883861	16.1500685	2.841797233	6.702813365	1.97841359	9330132A10Rik
ENSMUSG00000008658	0.171649495	-2.542462483	0.00672651	0.01979274	116.559045	843.851971	214.920142	47.36328722	117.7780063	36.60065142	Rbfox1
ENSMUSG00000035000	0.436624709	-1.195534318	0.00673032	0.01980048	273.465451	263.273956	252.189531	206.5039323	79.47621561	58.36320091	Dpp4
ENSMUSG00000038670	0.084411908	-3.566409654	0.00674969	0.01985399	1049.0314	19177.7394	1756.63052	394.0625497	1240.978017	220.5931153	Mybpc2
ENSMUSG00000060459	0.481527621	-1.054309539	0.00676945	0.01990862	115.662437	118.866226	75.7810905	71.04493083	45.96214879	32.64382424	Kng2
ENSMUSG00000004814	0.497958603	-1.005902283	0.00681745	0.02003442	52.0032661	82.5187026	70.8118387	32.20703531	42.13196972	27.69779026	Ccl24
ENSMUSG00000028175	2.461543012	1.299562949	0.00682841	0.02005961	36.7609295	42.2417168	36.0270758	40.73242701	109.1601034	133.5429173	Depdc1a
ENSMUSG00000104432	0.260469414	-1.940814123	0.00682916	0.02005961	13.4491206	50.1006409	78.2657164	12.31445468	7.660358132	16.81651552	A430027C01Rik
ENSMUSG00000016942	5.411463435	2.436018798	0.00687798	0.02018183	11.6559045	5.89419305	11.1808166	124.0918125	16.27826103	14.83810193	Tmprss6
ENSMUSG00000073940	2.189714459	1.130742753	0.0068862	0.02019887	97.730276	134.584075	330.455247	363.7500459	390.6782647	473.8300549	Hbb-bt
ENSMUSG00000026100	0.073637443	-3.763416657	0.00689262	0.02021064	5.37964822	68.7655855	3.72693888	1.894531489	3.830179066	0	Mstn
ENSMUSG00000107481	0.465202741	-1.104068497	0.00699413	0.02047611	40.3473617	49.1182754	67.0848998	19.89258063	24.89616393	27.69779026	4833403J16Rik
ENSMUSG00000076749	0.249307697	-2.004000673	0.00702903	0.02057109	14.3457286	35.3651583	16.1500685	4.736328722	3.830179066	7.913654361	Tcrg-C1
ENSMUSG00000073164	0.257062896	-1.959806707	0.00705577	0.02063497	28.6914572	14.7354826	16.1500685	5.683594467	6.702813365	2.967620385	2410018L13Rik
ENSMUSG00000105906	0.326925036	-1.612968232	0.00709331	0.02072787	50.2100501	162.090309	49.6925184	39.78516127	16.27826103	29.67620385	Iglc1
ENSMUSG00000066682	0.38775091	-1.36679793	0.00711777	0.02078731	61.8659546	78.5892406	67.0848998	36.94336403	33.51406683	9.892067951	Pilrb2
ENSMUSG00000031504	0.411452345	-1.281202748	0.00713554	0.02083095	45.7270099	146.372461	91.931159	32.20703531	45.00460402	39.56827181	Rab20
ENSMUSG00000004709	0.402994979	-1.311166229	0.00714438	0.02083963	63.6591706	117.883861	65.8425868	53.04688169	25.85370869	20.7733427	Cd244
ENSMUSG00000104436	0.297986885	-1.74667926	0.00715142	0.02085374	21.5185929	63.853758	95.6580979	27.47070659	15.32071626	10.88127475	Gm37423
ENSMUSG00000028838	0.257248297	-1.958766568	0.00718	0.02092172	20.6219849	144.40773	37.2693888	15.15625191	20.1084401	16.81651552	Extl1
ENSMUSG00000025207	2.742966117	1.455736801	0.00728901	0.02119522	35.8643215	38.3122548	54.6617702	219.7656527	62.24040982	70.23368245	Sema4g
ENSMUSG00000036923	0.459279902	-1.122554441	0.00730091	0.02121973	42.1405777	34.3827928	40.9963277	18.94531489	19.15089533	15.82730872	Stox1
ENSMUSG00000037991	0.342708407	-1.544946513	0.00730124	0.02121973	20.6219849	43.2240823	32.3001369	7.578125956	10.53299243	14.83810193	Rmi2
ENSMUSG00000020573	0.413899804	-1.272646528	0.00737763	0.02142319	206.219849	262.291591	185.104631	159.1406451	73.73094702	37.58985821	Pik3cg
ENSMUSG00000027297	4.921740218	2.299168511	0.00738936	0.0214473	6.27625626	1.96473102	2.48462592	14.20898617	27.76879823	11.87048154	Ltk
ENSMUSG00000073413	2.440832061	1.287373035	0.00738976	0.0214473	11.6559045	12.7707516	14.9077555	28.41797233	37.34424589	29.67620385	Ly6g6d
ENSMUSG00000028017	0.371592766	-1.42820568	0.00739764	0.02146645	43.9337938	124.760419	45.9655795	33.15430106	23.93861916	22.75175629	Egf
ENSMUSG00000031937	0.346095807	-1.530756631	0.00739962	0.0214685	44.8304019	55.0124684	53.4194572	27.47070659	5.745268599	19.7841359	Vstm5
ENSMUSG00000000730	0.174173179	-2.521405614	0.0074121	0.02150099	5.37964822	21.6120412	28.5731981	4.736328722	2.872634299	1.97841359	Dnmt3l
ENSMUSG00000056880	0.147781294	-2.758464424	0.00741684	0.021511	3.58643215	90.3776267	23.6039462	3.789062978	7.660358132	5.935240771	Gadl1
ENSMUSG00000027716	0.485437879	-1.042641409	0.00743547	0.02155387	61.8659546	72.6950476	70.8118387	19.89258063	39.25933542	40.5574786	Trpc3
ENSMUSG00000031725	0.457121657	-1.129349925	0.00743927	0.02156118	454.580275	199.420198	325.485995	239.6582333	109.1601034	98.92067951	Ces1f
ENSMUSG00000029923	0.342041747	-1.547755674	0.00744406	0.02157131	23.311809	60.9066615	28.5731981	12.31445468	11.4905372	14.83810193	Rab19
ENSMUSG00000041653	0.498573206	-1.004122742	0.00747909	0.02166536	1551.1319	616.925539	613.702602	345.7519967	498.8808233	543.0745305	Pnpla3
ENSMUSG00000021940	0.281812119	-1.82719444	0.00759669	0.02196085	19.7253768	13.7531171	24.8462592	5.683594467	6.702813365	3.956827181	Ptpn20
ENSMUSG00000032218	0.449581264	-1.15334618	0.00768836	0.02218733	107.592964	140.478268	109.32354	23.68164361	70.85831272	66.27685527	Ccnb2
ENSMUSG00000037962	0.428877079	-1.22136388	0.00772393	0.02227081	36.7609295	31.4356962	39.7540147	15.15625191	19.15089533	11.87048154	Rflna
ENSMUSG00000061816	0.080280334	-3.638809562	0.00774017	0.02230918	2092.68316	32587.0286	3247.40608	676.3477415	2056.806158	311.6001405	Myl1
ENSMUSG00000051225	0.36889445	-1.438720009	0.00775484	0.02234075	100.4201	41.2593513	63.3579609	34.1015668	29.68388776	11.87048154	Fam83a
ENSMUSG00000094958	0.241490755	-2.049960138	0.00777046	0.02236473	13.4491206	14.7354826	32.3001369	2.841797233	6.702813365	4.946033976	3110021N24Rik
ENSMUSG00000102212	5.650431811	2.498361124	0.00777116	0.02236473	1.79321607	3.92946203	7.45387776	49.25781871	11.4905372	11.87048154	C230085N15Rik
ENSMUSG00000058101	0.285686372	-1.807495878	0.00782895	0.02251175	14.3457286	21.6120412	42.2386406	8.5253917	7.660358132	5.935240771	1700084J12Rik
ENSMUSG00000061086	0.47668352	-1.068896345	0.0078368	0.0225266	211.599497	447.958671	726.753081	243.4472963	237.4711021	179.0464299	Myl4
ENSMUSG00000047638	0.336097654	-1.57304762	0.00797512	0.022885	52.8998742	40.2769858	34.7847629	24.62890936	12.44808196	5.935240771	Nr1h4
ENSMUSG00000031461	0.06538778	-3.934835139	0.00798114	0.02289837	324.572109	5504.19394	695.695257	80.51758828	333.2255787	12.85968834	Myom2
ENSMUSG00000015083	2.343279429	1.228529002	0.00810451	0.02322058	43.0371858	21.6120412	31.057824	111.7773578	54.58005169	58.36320091	C8g
ENSMUSG00000049641	0.134261682	-2.896880475	0.00812007	0.02325323	3.58643215	68.7655855	13.6654426	2.841797233	5.745268599	2.967620385	Vgll2
ENSMUSG00000061848	2.797264996	1.484016932	0.00817071	0.02338629	13.4491206	18.6649446	44.7232665	42.6269585	74.68849178	94.96385233	Gm5805
ENSMUSG00000109873	0.374811111	-1.415764372	0.00817039	0.02338629	22.4152009	54.0301029	63.3579609	15.15625191	18.19335056	18.79492911	Gm45407
ENSMUSG00000079225	2.162374964	1.112616713	0.00821276	0.02349463	15.2423366	20.6296757	24.8462592	49.25781871	39.25933542	41.5466854	Gm9531
ENSMUSG00000040705	0.205048286	-2.285964414	0.00821553	0.02349855	23.311809	240.679549	48.4502054	27.47070659	30.64143253	5.935240771	A930016O22Rik
ENSMUSG00000096010	4.055743094	2.019966269	0.00822944	0.02353432	3.58643215	2.94709652	9.93850367	13.26172042	23.93861916	27.69779026	Hist4h4
ENSMUSG00000034706	0.343554256	-1.541390141	0.00824603	0.02356971	32.2778893	19.6473102	38.5117017	8.5253917	7.660358132	14.83810193	Dnaic2
ENSMUSG00000034209	2.128162119	1.089608057	0.00825366	0.0235875	27.7948491	35.3651583	33.5424499	89.99024572	72.77340225	42.53589219	Rasl10a
ENSMUSG00000019992	0.381693461	-1.389513624	0.00825658	0.02359184	26.8982411	26.5238687	27.3308851	13.26172042	8.617902898	8.902861156	Mtfr2
ENSMUSG00000030470	0.138356976	-2.853532713	0.00826525	0.02361258	1.79321607	40.2769858	34.7847629	2.841797233	4.787723832	2.967620385	Csrp3
ENSMUSG00000019933	0.185219599	-2.432691332	0.00827049	0.02361953	8.06947233	109.042571	33.5424499	5.683594467	16.27826103	5.935240771	Mrln
ENSMUSG00000108321	0.353549719	-1.500014981	0.00829402	0.02368269	22.4152009	50.1006409	64.6002739	19.89258063	10.53299243	17.80572231	Gm44649
ENSMUSG00000051805	2.572832259	1.363357401	0.0083238	0.02376368	16.1389447	18.6649446	11.1808166	32.20703531	29.68388776	57.37399412	A530095I07Rik
ENSMUSG00000052142	0.356606184	-1.487596374	0.00834252	0.02380498	121.938693	186.649446	111.808166	88.09571424	46.91969356	14.83810193	Rasal3
ENSMUSG00000098176	0.495027123	-1.014420521	0.0083414	0.02380498	57.3829144	61.889027	59.631022	40.73242701	22.02352963	25.71937667	Ccdc166
ENSMUSG00000055489	0.075536498	-3.726682288	0.00835351	0.02383227	52.0032661	685.691124	111.808166	8.5253917	52.66496215	2.967620385	Ano5
ENSMUSG00000026387	0.431509229	-1.21253668	0.00835644	0.02383659	50.2100501	55.0124684	78.2657164	20.83984638	40.21688019	17.80572231	Sctr
ENSMUSG00000087001	3.15041124	1.655540164	0.00835998	0.02384167	15.2423366	5.89419305	4.96925184	26.52344084	29.68388776	27.69779026	Gm15475

ENSMUSG00000051149	2.599543279	1.378258174	0.00845667	0.02408157	45.7270099	21.6120412	11.1808166	63.46680488	65.11304412	78.14733682	Adnp
ENSMUSG00000061959	59.04023156	5.883626475	0.00848034	0.02414078	0.89660804	0	0	64.41407062	0.957544766	0	Ces1e
ENSMUSG00000085024	0.497378221	-1.007584757	0.00854534	0.02430519	50.2100501	52.0653719	47.2078925	21.78711212	21.06598486	31.65461744	C230035I16Rik
ENSMUSG00000039814	0.273259335	-1.871657312	0.00854789	0.02430833	17.9321607	25.5415032	16.1500685	8.5253917	4.787723832	2.967620385	Xkr5
ENSMUSG00000109555	0.437547951	-1.192486965	0.0085858	0.02440374	32.2778893	48.1359099	65.8425868	24.62890936	18.19335056	20.7733427	Gm44891
ENSMUSG00000044164	3.053403568	1.610418283	0.00860691	0.02444808	11.6559045	6.87655855	9.93850367	32.20703531	16.27826103	38.57906501	Rnf182
ENSMUSG00000050967	0.350431573	-1.512795333	0.00861529	0.02445522	29.5880652	23.5767722	43.4809536	16.10351766	6.702813365	10.88127475	Creg2
ENSMUSG00000022304	10.43904445	3.383917754	0.00868709	0.02464157	3.58643215	2.94709652	0	51.1523502	17.2358058	1.97841359	Dpys
ENSMUSG00000075265	3.656299649	1.87038431	0.0087511	0.02481473	10.7592964	3.92946203	3.72693888	18.94531489	19.15089533	30.66541065	Tnk2os
ENSMUSG00000096991	0.430477732	-1.215989484	0.00891894	0.02524375	53.7964822	103.148378	150.319868	40.73242701	59.36777552	31.65461744	Gm26789
ENSMUSG00000079564	4.208949967	2.07346036	0.00895737	0.02533972	6.27625626	2.94709652	3.72693888	21.78711212	9.575447664	23.74096308	Gm11149
ENSMUSG00000025129	0.083062063	-3.589666485	0.00896211	0.02534883	1.79321607	161.107943	21.1193203	4.736328722	10.53299243	0	Ppp1r27
ENSMUSG00000085501	0.259000915	-1.948970901	0.00898177	0.02538735	12.5525125	33.4004273	54.6617702	11.36718893	10.53299243	3.956827181	Gm11772
ENSMUSG00000110682	0.234161189	-2.094426121	0.00899367	0.02541243	15.2423366	25.5415032	12.4231296	3.789062978	6.702813365	1.97841359	A530010L16Rik
ENSMUSG00000027261	57.32967578	5.841210215	0.00900569	0.0254421	0	0	1.24231296	62.51953913	0.957544766	0	Hao1
ENSMUSG00000082902	0.463578282	-1.109115116	0.00901953	0.02546406	38.5541456	52.0653719	47.2078925	15.15625191	22.02352963	26.70858347	Ccl19-ps1
ENSMUSG00000081723	0.215771556	-2.212423403	0.00902521	0.02547579	20.6219849	48.1359099	11.1808166	3.789062978	10.53299243	2.967620385	Gm15931
ENSMUSG00000018924	6.939209515	2.794771327	0.00905088	0.02553538	19.7253768	10.8060206	7.45387776	237.7637019	21.06598486	5.935240771	Alox15
ENSMUSG00000031530	0.426102685	-1.230726952	0.0090608	0.02555047	144.353894	52.0653719	67.0848998	41.67969276	40.21688019	30.66541065	Dusp4
ENSMUSG00000023903	0.259921699	-1.943851018	0.00914775	0.02576125	16.1389447	54.0301029	22.3616333	12.31445468	3.830179066	7.913654361	Mmp25
ENSMUSG00000056656	2.734875285	1.451475045	0.00914782	0.02576125	15.2423366	15.7178481	13.6654426	26.52344084	66.07058888	29.67620385	Apol8
ENSMUSG00000104512	0.212791683	-2.232486329	0.00917989	0.02583856	8.06947233	18.6649446	37.2693888	2.841797233	6.702813365	3.956827181	Gm37165
ENSMUSG00000024292	3.456061458	1.789128873	0.00925819	0.02604148	10.7592964	7.85892406	14.9077555	70.09766509	18.19335056	26.70858347	Cyp4f14
ENSMUSG00000078783	0.27294382	-1.873324061	0.00935688	0.02630142	16.1389447	25.5415032	26.0885721	2.841797233	4.787723832	10.88127475	Gm9733
ENSMUSG00000051747	0.070968578	-3.816675784	0.00936253	0.02630849	2105.23567	33157.783	3560.46894	530.4688169	2094.150404	130.575297	Ttn
ENSMUSG00000107556	0.261764783	-1.933657078	0.00943362	0.02649495	10.7592964	17.6825791	31.057824	4.736328722	5.745268599	4.946033976	Gm44237
ENSMUSG00000078193	2.419902169	1.274948724	0.00946178	0.02656073	24.208417	47.1535444	74.5387776	67.25586786	133.0987225	150.3594329	Gm2000
ENSMUSG00000051378	0.43880966	-1.188332809	0.00949902	0.02665633	41.2439697	39.2946203	49.6925184	11.36718893	23.93861916	21.76254949	Kif18b
ENSMUSG00000083619	0.312335999	-1.678829233	0.00952874	0.02672635	17.9321607	15.7178481	28.5731981	5.683594467	6.702813365	6.924447566	Gm14414
ENSMUSG00000047759	0.337514844	-1.566977142	0.00954798	0.02677134	29.5880652	17.6825791	29.815511	12.31445468	6.702813365	6.924447566	Hs3st3a1
ENSMUSG00000027570	0.382174514	-1.387696521	0.00955105	0.02677548	26.0016331	29.4709652	36.0270758	8.5253917	9.575447664	16.81651552	Col9a3
ENSMUSG00000095178	0.259548107	-1.945926129	0.00955988	0.02679577	13.4491206	26.5238687	60.873335	6.630860211	13.40562673	5.935240771	Gm22716
ENSMUSG00000102319	0.39533437	-1.338854708	0.00957599	0.02683195	34.9677134	65.818489	113.050479	20.83984638	29.68388776	33.63303103	Gm37626
ENSMUSG00000061947	55.6471119	5.798234908	0.00966255	0.02701621	0.89660804	0	0	60.62500765	0	0.989206795	Serpina10
ENSMUSG00000102326	0.403621118	-1.308926434	0.00966267	0.02701621	43.9337938	55.0124684	134.1698	32.20703531	28.72634299	32.64382424	Gm37788
ENSMUSG00000028348	0.097168195	-3.363372018	0.00967626	0.0270458	34.9677134	392.946203	124.231296	7.578125956	43.08951449	2.967620385	Cavin4
ENSMUSG00000001155	5.231357185	2.387185277	0.00972577	0.02717905	6.27625626	4.91182754	9.93850367	85.253917	12.44808196	11.87048154	Ftcd
ENSMUSG00000085645	2.410806574	1.269515904	0.00972862	0.02717966	38.5541456	12.7707516	19.8770073	52.09961595	55.53759645	65.28764848	Hoxb5os
ENSMUSG00000029153	0.415048676	-1.268647553	0.00974205	0.02720641	58.2795224	207.279122	129.200548	45.46875573	73.73094702	44.51430578	Ociad2
ENSMUSG00000006457	0.073133226	-3.773329195	0.00981419	0.02739876	1443.53894	27401.1211	2426.23721	512.4707678	1651.764722	122.6616426	Actn3
ENSMUSG00000021974	0.309003586	-1.694304515	0.00982932	0.02743186	19.7253768	43.2240823	72.0541516	7.578125956	21.06598486	12.85968834	Fgf9
ENSMUSG00000027887	0.113639453	-3.137464307	0.00986698	0.02752783	111.179397	1787.90522	284.489668	67.25586786	154.1647074	26.70858347	Sypl2
ENSMUSG00000022236	0.305166482	-1.712331582	0.00989274	0.02757677	17.9321607	20.6296757	34.7847629	3.789062978	9.575447664	8.902861156	Ropn1l
ENSMUSG00000092021	0.445838016	-1.165408457	0.00989079	0.02757677	31.3812813	52.0653719	55.9040832	17.0507834	19.15089533	25.71937667	Gbp11
ENSMUSG00000028262	0.184967242	-2.434658308	0.00990055	0.02758484	31.3812813	10.8060206	9.93850367	1.894531489	1.915089533	5.935240771	Clca3a2
ENSMUSG00000073179	0.429734895	-1.218481163	0.00990056	0.02758484	41.2439697	48.1359099	90.688846	31.25976957	26.81125346	18.79492911	Gm10478
ENSMUSG00000001656	0.100415277	-3.315949322	0.0099129	0.02760545	10.7592964	34.3827928	40.9963277	0	8.617902898	0	Hoxc11
ENSMUSG00000070424	0.240369854	-2.056672124	0.00991216	0.02760545	23.311809	85.4657992	31.057824	5.683594467	22.98107439	4.946033976	Art5
ENSMUSG00000061462	0.092056791	-3.441332037	0.01001271	0.02785567	328.158542	4372.50887	557.798519	70.09766509	374.4000037	39.56827181	Obscn
ENSMUSG00000030427	0.373322797	-1.421504485	0.01004595	0.02792105	32.2778893	97.2541852	60.873335	32.20703531	24.89616393	13.84889513	Lilra6
ENSMUSG00000106535	3.4358277	1.78065769	0.01005379	0.02793756	10.7592964	3.92946203	3.72693888	20.83984638	21.06598486	22.75175629	Gm43031
ENSMUSG00000032537	0.432675757	-1.208641806	0.01005646	0.02794035	48.416834	63.853758	125.473609	25.5761751	41.17442496	35.61144462	Ephb1
ENSMUSG00000020475	0.128059727	-2.965111253	0.0100726	0.0279713	415.129521	5937.41713	967.761795	197.0312748	584.1023075	156.2946736	Pgam2
ENSMUSG00000003779	0.476373004	-1.069836437	0.01008147	0.02799128	162.286055	139.495902	62.115648	45.46875573	61.28286505	67.26606207	Kif20a
ENSMUSG00000038155	0.401293514	-1.317270257	0.01011894	0.0280814	70.8320349	223.979336	69.5695257	50.20508446	53.62250692	42.53589219	Gstp2
ENSMUSG00000106475	3.301649072	1.723186786	0.01012433	0.02808707	4.48304019	8.84128957	8.69619071	34.1015668	22.98107439	14.83810193	Gm43011
ENSMUSG00000026068	0.364494665	-1.456030398	0.01019916	0.02826196	69.0388189	109.042571	86.9619071	60.62500765	22.98107439	12.85968834	Il18rap
ENSMUSG00000105936	0.38610824	-1.372922753	0.01025607	0.02841028	20.6219849	45.1888133	47.2078925	12.31445468	16.27826103	14.83810193	Gm43544
ENSMUSG00000024301	0.47285042	-1.080544217	0.01026341	0.02842123	53.7964822	63.853758	44.7232665	35.99609829	20.1084401	20.7733427	Kifc5b
ENSMUSG00000065420	0.344210398	-1.538637414	0.0102916	0.02848519	28.6914572	57.9595649	47.2078925	26.52344084	11.4905372	7.913654361	Mir142b
ENSMUSG00000090673	2.259259514	1.175849998	0.01034426	0.02861207	47.520226	31.4356962	21.1193203	107.9882949	54.58005169	65.28764848	Gm340
ENSMUSG00000078942	0.451449619	-1.147363101	0.01035853	0.02864683	121.938693	130.654613	63.3579609	71.99219658	39.25933542	31.65461744	Naip6
ENSMUSG00000017300	0.076778286	-3.703157834	0.01036852	0.02866501	549.620727	11947.5293	1447.2946	174.296897	834.9790363	61.3308213	Tnnc2
ENSMUSG00000026253	0.12743001	-2.972223024	0.01038041	0.02868369	4.48304019	43.2240823	34.7847629	7.578125956	2.872634299	0	Chrng
ENSMUSG00000023153	0.223521473	-2.161514663	0.01042141	0.02878369	18.8287688	148.337192	22.3616333	9.472657445	21.06598486	11.87048154	Tmem52
ENSMUSG00000025478	0.320022096	-1.643756577	0.01042174	0.02878369	23.311809	21.6120412	27.3308851	6.630860211	12.44808196	3.956827181	Dpysl4
ENSMUSG00000032053	3.699811444	1.887451747	0.01047056	0.02890426	33.1744974	53.0477374	47.2078925	366.5918431	28.72634299	97.93147272	Pou2af1
ENSMUSG00000098259	2.595793866	1.376175822	0.01047568	0.02891362	21.5185929	11.7883861	8.69619071	40.73242701	42.13196972	27.69779026	Gm27616
ENSMUSG00000063296	2.460431062	1.298911095	0.01054147	0.02908565	17.0355527	75.6421441	38.5117017	102.3047004	101.4997452	118.7048154	Tmem117
ENSMUSG00000109097	0.369615664	-1.435902197	0.01059613	0.02921246	43.9337938	35.3651583	24.8462592	6.630860211	17.2358058	14.83810193	Gm29683
ENSMUSG00000025932	0.363895214	-1.458405019	0.01059928	0.02921634	29.5880652	76.6245096	28.5731981	15.15625191	19.15089533	14.83810193	Eya1
ENSMUSG00000087390	2.481751358	1.311358582	0.01064719	0.02931816	13.4491206	9.82365508	9.93850367	25.5761751	30.64143253	26.70858347	Gm7598
ENSMUSG00000108671	2.657597709	1.410122735	0.01064878	0.02931816	9.86268841	12.7707516	8.69619071	35.99609829	26.81125346	20.7733427	2700080J24Rik
ENSMUSG00000100053	3.380708966	1.757325825	0.01067672	0.02938636	7.1728643	3.92946203	7.45387776	24.62890936	24.89616393	12.85968834	Gm28154
ENSMUSG00000038641	53.05315105	5.729366536	0.01072245	0.02949708	0.89660804	0	0	57.78321041	0.957544766	0	Akr1d1
ENSMUSG00000067736	2.874939072	1.523531382	0.01072573	0.02949708	10.7592964	20.6296757	60.873335	80.51758828	77.56112608	103.8667135	Gm10222
ENSMUSG00000104378	0.300121838	-1.736379794	0.01072459	0.02949708	16.1389447	36.3475238	57.1463961	8.5253917	17.2358058	6.924447566	Gm37510
ENSMUSG00000001588	0.421289257	-1.247116967	0.01074014	0.02952219	98.6268841	181.737619	120.504357	97.56837168	29.68388776	41.5466854	Acap1
ENSMUSG00000032845	0.130656594	-2.936148161	0.01075376	0.0295548	7.1728643	62.8713925	3.72693888	2.841797233	2.872634299	3.956827181	Alpk2
ENSMUSG00000097085	0.27463993	-1.8643867	0.01083231	0.02975118	17.0355527	12.7707516	40.9963277	7.578125956	5.745268599	5.935240771	Gm26634
ENSMUSG00000016349	0.115215905	-3.117588212	0.01085985	0.02979758	272.568843	4187.82416	526.740695	130.7226727	367.6971903	76.16892323	Eef1a2
ENSMUSG00000103164	3.644495324	1.865719049	0.01085862	0.02979758	3.58643215	5.89419305	3.72693888	13.26172042	17.2358058	17.80572231	Gm38150
ENSMUSG00000107531	0.431866678	-1.211342089	0.01088438	0.02984388	34.0711054	55.0124684	90.688846	27.47070659	22.98107439	26.70858347	E330037G11Rik
ENSMUSG00000088769	5.414951261	2.436948352	0.01088826	0.02984624	6.27625626	2.94709652	0	11.36718893	22.02352963	18.79492911	Gm22637

ENSMUSG00000097051	0.439227715	-1.186959005	0.0109771	0.03007321	43.9337938	117.883861	135.412113	49.25781871	37.34424589	43.52509899	Gm26836
ENSMUSG00000019102	2.204637333	1.140541349	0.01102447	0.03018511	65.4523867	51.0830064	24.8462592	129.775407	117.7780063	66.27685527	Aldh3a1
ENSMUSG00000009471	0.128761373	-2.957228234	0.01105259	0.03025223	5.37964822	68.7655855	22.3616333	4.736328722	7.660358132	0	Myod1
ENSMUSG00000069804	0.446876866	-1.162050735	0.01109184	0.03034481	43.9337938	99.2189163	122.988983	35.99609829	48.83478309	33.63303103	Gm10277
ENSMUSG00000040121	0.467710531	-1.096312183	0.01110127	0.03036567	39.4507536	54.0301029	86.9619071	29.36523808	27.76879823	26.70858347	Rep15
ENSMUSG00000031972	0.07662332	-3.706072643	0.01113855	0.0304577	4623.80765	85378.3686	10113.6698	1335.6447	5817.084456	518.3443606	Acta1
ENSMUSG00000079168	0.438388683	-1.189717538	0.01117536	0.0305534	39.4507536	55.9948339	58.3887091	22.73437787	31.59897729	12.85968834	Cd209g
ENSMUSG00000107136	0.187836435	-2.41245116	0.01123905	0.03070251	7.1728643	23.5767722	36.0270758	3.789062978	7.660358132	0.989206795	Gm42466
ENSMUSG00000043664	0.413029315	-1.275683915	0.01141258	0.03110063	26.8982411	42.2417168	33.5424499	12.31445468	19.15089533	10.88127475	Tmem221
ENSMUSG00000107370	0.377174272	-1.406696826	0.01144039	0.03117136	18.8287688	27.5062342	36.0270758	9.472657445	11.4905372	9.892067951	Gm43588
ENSMUSG00000097357	2.465829741	1.302073189	0.01146244	0.03122636	18.8287688	8.84128957	12.4231296	28.41797233	33.51406683	37.58985821	Gm16793
ENSMUSG00000110647	0.326161115	-1.616343301	0.01150897	0.03133258	23.311809	28.4885997	16.1500685	5.683594467	5.745268599	10.88127475	Gm17745
ENSMUSG00000039021	3.71224612	1.892292363	0.01153365	0.03138979	11.6559045	5.89419305	2.48462592	17.0507834	38.30179066	20.7733427	Ttc16
ENSMUSG00000035298	0.265584663	-1.91275626	0.01154277	0.0314095	28.6914572	11.7883861	13.6654426	4.736328722	4.787723832	4.946033976	Klhl35
ENSMUSG00000044471	3.075514843	1.620827939	0.01164942	0.03167918	10.7592964	11.7883861	6.2115648	47.36328722	18.19335056	23.74096308	Lncpint
ENSMUSG00000072591	0.201644118	-2.310116771	0.01170778	0.03180697	8.96608037	13.7531171	44.7232665	2.841797233	7.660358132	2.967620385	5930412G12Rik
ENSMUSG00000078616	0.243518027	-2.037899522	0.01172492	0.03184396	15.2423366	24.5591377	27.3308851	5.683594467	9.575447664	0.989206795	Trim30c
ENSMUSG00000063018	0.33812547	-1.564369399	0.01173409	0.0318578	19.7253768	22.5944067	23.6039462	6.630860211	4.787723832	10.88127475	2010204K13Rik
ENSMUSG00000027489	0.414926839	-1.269071116	0.01178745	0.03198715	25.105025	26.5238687	37.2693888	11.36718893	11.4905372	13.84889513	Necab3
ENSMUSG00000027022	0.073760343	-3.761010816	0.01180021	0.0320166	438.44133	8613.38077	823.653492	120.3027495	576.4419494	31.65461744	Xirp2
ENSMUSG00000104291	0.323308636	-1.629016051	0.01187067	0.03218697	59.1761304	206.296757	341.636064	108.9355606	61.28286505	25.71937667	A130071D04Rik
ENSMUSG00000087594	2.295140854	1.198582695	0.01188573	0.03222261	17.9321607	20.6296757	12.4231296	39.78516127	28.72634299	49.46033976	BC039771
ENSMUSG00000030325	0.341750943	-1.548982774	0.01191396	0.03227828	17.0355527	41.2593513	23.6039462	7.578125956	10.53299243	9.892067951	Klrb1c
ENSMUSG00000104154	0.267835885	-1.900578825	0.01208026	0.03269715	10.7592964	34.3827928	55.9040832	9.472657445	12.44808196	4.946033976	Gm38104
ENSMUSG00000057132	0.40723254	-1.296075248	0.01213885	0.03284514	26.8982411	29.4709652	36.0270758	15.15625191	14.3631715	7.913654361	Rpgrip1
ENSMUSG00000034959	0.339748805	-1.557459617	0.01215051	0.03286082	43.9337938	67.78322	74.5387776	41.67969276	10.53299243	10.88127475	Rubcnl
ENSMUSG00000026390	0.110810351	-3.173835441	0.01221863	0.03301844	1.79321607	55.9948339	19.8770073	6.630860211	0.957544766	0.989206795	Marco
ENSMUSG00000097239	3.01601799	1.592645034	0.01225448	0.03309398	8.06947233	7.85892406	4.96925184	15.15625191	24.89616393	23.74096308	Gm27029
ENSMUSG00000026117	0.338930348	-1.560939271	0.01230975	0.03322722	19.7253768	52.0653719	36.0270758	18.94531489	9.575447664	7.913654361	Zap70
ENSMUSG00000039661	0.393621113	-1.34512049	0.01232293	0.03325744	23.311809	59.924296	49.6925184	12.31445468	20.1084401	19.7841359	Dusp26
ENSMUSG00000097633	0.419963451	-1.251664317	0.01236247	0.03334272	42.1405777	38.3122548	60.873335	13.26172042	15.32071626	30.66541065	Gm16617
ENSMUSG00000036634	0.381647987	-1.389685515	0.01239347	0.0334102	26.0016331	58.9419305	31.057824	12.31445468	20.1084401	11.87048154	Mag
ENSMUSG00000107225	0.340672265	-1.553543595	0.01247571	0.03359416	17.0355527	53.0477374	80.7503423	17.0507834	17.2358058	16.81651552	Gm43637
ENSMUSG00000007908	0.460362372	-1.119158176	0.0125129	0.03368349	52.0032661	51.0830064	45.9655795	22.73437787	13.40562673	32.64382424	Hmgcll1
ENSMUSG00000019767	0.382209148	-1.387565787	0.01251107	0.03368349	67.2456028	33.4004273	27.3308851	12.31445468	22.02352963	14.83810193	Ccdc170
ENSMUSG00000050107	0.340730338	-1.553297688	0.01254516	0.03375408	35.8643215	45.1888133	29.815511	11.36718893	4.787723832	21.76254949	Haspin
ENSMUSG00000051969	0.170988254	-2.548030874	0.01263673	0.03396377	24.208417	28.4885997	3.72693888	1.894531489	1.915089533	5.935240771	Tlr11
ENSMUSG00000085862	2.927392817	1.549616349	0.01267289	0.03403773	10.7592964	5.89419305	6.2115648	17.99804914	22.02352963	27.69779026	Gm13483
ENSMUSG00000109341	0.297256709	-1.750218722	0.0126809	0.03405379	16.1389447	17.6825791	44.7232665	5.683594467	10.53299243	6.924447566	Gm30873
ENSMUSG00000039521	0.386651119	-1.370895706	0.01270016	0.03408372	18.8287688	31.4356962	32.3001369	12.31445468	10.53299243	8.902861156	Foxp3
ENSMUSG00000022996	0.482716488	-1.05075199	0.01270895	0.0340964	54.6930903	51.0830064	33.5424499	21.78711212	19.15089533	26.70858347	Wnt10b
ENSMUSG00000097194	0.398067767	-1.328914041	0.01274182	0.03416273	34.9677134	79.5716061	48.4502054	20.83984638	12.44808196	31.65461744	9330175E14Rik
ENSMUSG00000025163	2.432658193	1.282533625	0.01275501	0.03419263	16.1389447	38.3122548	23.6039462	44.52148999	95.75447664	49.46033976	Cd7
ENSMUSG00000040694	0.140434521	-2.832030477	0.01277126	0.03423074	91.4540198	1121.86141	187.589257	44.52148999	123.5232749	28.68699706	Apobec2
ENSMUSG00000089942	0.213581637	-2.227140481	0.0127906	0.0342771	26.8982411	38.3122548	6.2115648	7.578125956	5.745268599	1.97841359	Pira2
ENSMUSG00000090592	0.302677771	-1.724145368	0.01280516	0.03430973	17.0355527	69.747951	115.535105	12.31445468	22.02352963	26.70858347	Gm17571
ENSMUSG00000045776	0.254061358	-1.97675113	0.0128282	0.03435591	38.5541456	178.790522	73.2964646	13.26172042	53.62250692	6.924447566	Lrtm1
ENSMUSG00000090582	2.158834119	1.110252394	0.01283601	0.03437133	17.0355527	22.5944067	13.6654426	33.15430106	44.04705926	38.57906501	Gm17024
ENSMUSG00000026204	0.491823086	-1.023788638	0.01287671	0.03445833	60.0727385	75.6421441	125.473609	51.1523502	45.96214879	30.66541065	Ptprn
ENSMUSG00000086801	3.523809416	1.817135899	0.01294019	0.03460064	3.58643215	6.87655855	14.9077555	17.99804914	23.93861916	45.50351258	Gm15943
ENSMUSG00000087362	0.221509312	-2.174560746	0.01293864	0.03460064	17.9321607	13.7531171	24.8462592	2.841797233	8.617902898	0.989206795	Gm13710
ENSMUSG00000070385	0.08539969	-3.549625364	0.01299607	0.03473344	115.662437	1991.25488	234.797149	40.73242701	150.3345283	8.902861156	Ampd1
ENSMUSG00000019787	0.094481813	-3.403819534	0.01301394	0.03477567	533.481782	7325.49959	1904.46577	154.4043163	735.3943806	32.64382424	Trdn
ENSMUSG00000097263	0.39030113	-1.357340457	0.01301719	0.03477882	46.6236179	145.390095	258.401096	63.46680488	57.45268599	54.40637373	Gm26804
ENSMUSG00000030672	0.079268097	-3.657115855	0.01306014	0.03487692	2244.20992	31480.8851	4534.4423	494.4727186	2425.460893	112.7695746	Mylpf
ENSMUSG00000024846	0.29383683	-1.766912856	0.01307738	0.03491184	13.4491206	57.9595649	23.6039462	9.472657445	10.53299243	7.913654361	Cst6
ENSMUSG00000073008	3.873725391	1.953721685	0.01307584	0.03491184	11.6559045	23.5767722	2.48462592	68.2031336	19.15089533	60.3416145	Gpr174
ENSMUSG00000032589	0.408466883	-1.291708979	0.01309343	0.03494914	27.7948491	33.4004273	21.1193203	11.36718893	10.53299243	11.87048154	Bsn
ENSMUSG00000086247	2.098272192	1.069201839	0.01309752	0.03495448	65.4523867	43.2240823	21.1193203	82.41211977	100.5422005	91.99623195	Gm15787
ENSMUSG00000036587	0.240488531	-2.05596	0.0131379	0.03502883	9.86268841	41.2593513	21.1193203	2.841797233	9.575447664	4.946033976	Fut7
ENSMUSG00000035165	0.477748341	-1.065677231	0.01314791	0.03504997	34.9677134	37.3298893	34.7847629	15.15625191	16.27826103	19.7841359	Kcne3
ENSMUSG00000103034	3.028420804	1.598565684	0.01315715	0.03506344	21.5185929	15.7178481	3.72693888	33.15430106	58.41023075	34.62223783	Gm8797
ENSMUSG00000080875	0.33410737	-1.581616289	0.01319364	0.03512343	18.8287688	15.7178481	32.3001369	8.5253917	6.702813365	6.924447566	Gm7332
ENSMUSG00000090256	0.259630786	-1.94546663	0.01319431	0.03512343	23.311809	17.6825791	14.9077555	1.894531489	3.830179066	8.902861156	Alms1-ps1
ENSMUSG00000094840	0.410740445	-1.28370108	0.01319681	0.03512452	22.4152009	38.3122548	28.5731981	13.26172042	10.53299243	12.85968834	Muc3a
ENSMUSG00000106772	0.373886608	-1.419327296	0.01323321	0.03521025	26.8982411	70.7303165	93.1734719	28.41797233	28.72634299	13.84889513	Gm43794
ENSMUSG00000026163	2.178433474	1.123291056	0.01327431	0.03530841	28.6914572	27.5062342	17.3923814	53.99414743	71.81585748	35.61144462	Sphkap
ENSMUSG00000037846	0.301560531	-1.729480476	0.01339609	0.03559782	26.8982411	24.5591377	28.5731981	12.31445468	1.915089533	9.892067951	Rtkn2
ENSMUSG00000073821	3.753990911	1.908425157	0.0133938	0.03559782	17.0355527	2.94709652	7.45387776	17.99804914	30.64143253	55.39558053	8030451A03Rik
ENSMUSG00000043155	2.372548755	1.246437734	0.01344199	0.03570349	9.86268841	16.7002136	11.1808166	29.36523808	32.55652206	27.69779026	Hpdl
ENSMUSG00000108678	0.422339574	-1.243524658	0.0134413	0.03570349	31.3812813	35.3651583	62.115648	19.89258063	12.44808196	21.76254949	Gm44758
ENSMUSG00000030739	0.346123548	-1.530640997	0.01355417	0.03594457	26.0016331	150.301923	63.3579609	26.52344084	28.72634299	27.69779026	Myh14
ENSMUSG00000086679	0.402498742	-1.312943822	0.01376862	0.03645568	30.4846733	23.5767722	24.8462592	8.5253917	13.40562673	9.892067951	Gm15551
ENSMUSG00000097231	2.646429303	1.404047114	0.01378266	0.03648708	14.3457286	21.6120412	6.2115648	39.78516127	27.76879823	45.50351258	Gm26852
ENSMUSG00000111434	0.36898353	-1.438371674	0.01379487	0.03651366	23.311809	80.5539716	105.596602	31.25976957	23.93861916	21.76254949	Gm47121
ENSMUSG00000106777	0.431865252	-1.211346854	0.0138311	0.03659155	26.8982411	31.4356962	47.2078925	14.20898617	18.19335056	12.85968834	Gm43150
ENSMUSG00000074342	2.220997307	1.151207643	0.01389767	0.03674595	70.8320349	124.760419	113.050479	140.1953302	405.0414362	139.4781581	I830077J02Rik
ENSMUSG00000045349	0.373355729	-1.421377225	0.01391238	0.03677356	24.208417	25.5415032	36.0270758	5.683594467	14.3631715	11.87048154	Sh2d5
ENSMUSG00000040287	0.185279605	-2.432224015	0.01396677	0.03689884	111.179397	729.897572	116.777418	51.1523502	98.62711094	27.69779026	Stac3
ENSMUSG00000105340	2.394942821	1.259991212	0.01409837	0.03719967	46.6236179	17.6825791	14.9077555	71.99219658	56.49514122	63.30923489	Gm42878
ENSMUSG00000094652	0.090339515	-3.468499018	0.01411595	0.03724019	18.8287688	34.3827928	0	1.894531489	0.957544766	1.97841359	Ighv1-42
ENSMUSG00000027560	0.204970415	-2.286512409	0.01413642	0.03727661	19.7253768	14.7354826	31.057824	6.630860211	6.702813365	0	Dok5
ENSMUSG00000044938	0.132508928	-2.915838529	0.01414447	0.03729199	105.799748	1593.39685	279.520416	47.36328722	174.2731475	40.5574786	Klhl31
ENSMUSG00000068697	0.09582322	-3.38348089	0.01420069	0.0374167	398.093968	6377.51688	848.499751	130.7226727	557.2910541	42.53589219	Myoz1

ENSMUSG00000049092	3.177123878	1.667721343	0.01422835	0.03747193	19.7253768	9.82365508	2.48462592	35.99609829	36.38670112	31.65461744	Gpr137c
ENSMUSG00000100280	0.471707209	-1.084036447	0.01441083	0.03788713	30.4846733	52.0653719	42.2386406	19.89258063	22.02352963	16.81651552	Gm28417
ENSMUSG00000040759	0.356198083	-1.489248344	0.01447196	0.03802401	30.4846733	32.4180617	14.9077555	11.36718893	9.575447664	6.924447566	Cmtm5
ENSMUSG00000042045	0.094503768	-3.40348433	0.01448493	0.03805212	16.1389447	298.639114	78.2657164	23.68164361	12.44808196	0.989206795	Sln
ENSMUSG00000074968	0.373849752	-1.419469518	0.01455814	0.03819067	49.313442	19.6473102	28.5731981	15.15625191	10.53299243	10.88127475	Ano3
ENSMUSG00000031196	0.411576858	-1.280766229	0.01456515	0.03820307	260.912939	153.249019	54.6617702	62.51953913	80.43376038	50.44954655	F8
ENSMUSG00000029228	2.076731748	1.054314875	0.01458021	0.03823063	83.3845474	40.2769858	28.5731981	92.83204296	111.0751929	114.7479882	Lnx1
ENSMUSG00000042846	3.853806963	1.946284309	0.01474006	0.03861961	4.48304019	2.94709652	4.96925184	9.472657445	15.32071626	22.75175629	Lrrtm3
ENSMUSG00000054256	0.47195891	-1.083266835	0.01477494	0.03869286	50.2100501	51.0830064	91.931159	20.83984638	39.25933542	30.66541065	Msi1
ENSMUSG00000087135	3.012400184	1.590913438	0.0147884	0.03872207	10.7592964	6.87655855	3.72693888	17.99804914	22.02352963	25.71937667	Gm16096
ENSMUSG00000022512	0.371855431	-1.427186252	0.01482612	0.03880874	135.387814	222.99697	55.9040832	89.04297998	33.51406683	31.65461744	Cldn1
ENSMUSG00000018238	0.387029126	-1.369485953	0.01483174	0.03881738	19.7253768	29.4709652	31.057824	9.472657445	7.660358132	13.84889513	Gdf9
ENSMUSG00000029828	2.095138616	1.067045697	0.01486033	0.03888008	17.9321607	26.5238687	29.815511	56.83594467	35.42915636	62.32002809	4921507P07Rik
ENSMUSG00000034570	2.028972752	1.02074949	0.01486558	0.0388817	20.6219849	17.6825791	27.3308851	48.31055297	35.42915636	48.47113296	Inpp5j
ENSMUSG00000101556	0.336944304	-1.569417957	0.0148637	0.0388817	15.2423366	24.5591377	17.3923814	6.630860211	6.702813365	5.935240771	Gm28869
ENSMUSG00000030068	3.240291731	1.696123708	0.01486854	0.03888339	10.7592964	15.7178481	18.6346944	96.62110594	22.02352963	26.70858347	Gm20696
ENSMUSG00000111864	0.380831357	-1.392775823	0.01491694	0.03899174	24.208417	22.5944067	39.7540147	8.5253917	15.32071626	8.902861156	Rpl26-ps6
ENSMUSG00000039653	22.01096033	4.460150186	0.01495537	0.03908002	0.89660804	0.98236551	1.24231296	67.25586786	0.957544766	0	Baat
ENSMUSG00000105962	0.415530901	-1.266972327	0.01496448	0.03909774	43.9337938	109.042571	168.954562	30.31250382	54.58005169	48.47113296	Gm42432
ENSMUSG00000061723	0.081583561	-3.61557771	0.01506177	0.03930909	4157.57147	70703.7927	8550.8401	1131.035299	5330.651715	343.2547579	Tnnt3
ENSMUSG00000103558	0.303664241	-1.719451064	0.01507876	0.03934731	13.4491206	21.6120412	22.3616333	7.578125956	2.872634299	6.924447566	Gm38220
ENSMUSG00000024430	2.281551069	1.190014947	0.01520561	0.03958601	14.3457286	9.82365508	19.8770073	31.25976957	31.59897729	36.60065142	Cabyr
ENSMUSG00000072955	2.464801894	1.301471696	0.0152445	0.0396565	9.86268841	13.7531171	8.69619071	22.73437787	31.59897729	25.71937667	Tmsb15l
ENSMUSG00000105304	0.364444674	-1.456228279	0.01527262	0.03971734	28.6914572	54.0301029	93.1734719	10.41992319	29.68388776	23.74096308	Gm43696
ENSMUSG00000085779	2.053268573	1.037922348	0.01535984	0.03990705	60.9693465	232.820625	124.231296	285.1269891	265.2399003	307.6433133	Atcayos
ENSMUSG00000053219	0.366071518	-1.449802567	0.01536797	0.03991582	78.0048992	53.0477374	28.5731981	31.25976957	9.575447664	17.80572231	Raet1e
ENSMUSG00000038092	33.12424505	5.049815669	0.01541291	0.04001397	0	1.96473102	0	63.46680488	2.872634299	0	Hsd3b5
ENSMUSG00000031097	0.083533525	-3.581500875	0.01543616	0.04006193	1536.78618	25474.7023	3503.32254	395.9570812	2019.461912	133.5429173	Tnni2
ENSMUSG00000044544	3.050818151	1.609196188	0.01567065	0.0405831	8.06947233	5.89419305	3.72693888	18.94531489	18.19335056	17.80572231	4921513I03Rik
ENSMUSG00000054204	2.029764956	1.021312675	0.01569966	0.04063271	24.208417	27.5062342	22.3616333	34.1015668	63.19795459	53.41716694	Alkal2
ENSMUSG00000054304	0.379766718	-1.39681462	0.0157536	0.04075973	22.4152009	33.4004273	72.0541516	16.10351766	17.2358058	14.83810193	D130007C19Rik
ENSMUSG00000090066	0.111784838	-3.16120358	0.01578328	0.04081136	91.4540198	1018.71303	218.647081	18.94531489	119.6930958	9.892067951	1110002E22Rik
ENSMUSG00000031637	0.333203085	-1.585526338	0.01582598	0.04091204	29.5880652	110.024937	31.057824	12.31445468	25.85370869	18.79492911	Lrp2bp
ENSMUSG00000052974	0.262616791	-1.928968932	0.01582709	0.04091204	1120.76005	571.736725	781.414851	458.4766203	112.0327377	79.13654361	Cyp2f2
ENSMUSG00000052270	0.337822712	-1.56566177	0.01585487	0.04097755	26.8982411	143.425364	45.9655795	26.52344084	27.76879823	18.79492911	Fpr2
ENSMUSG00000030483	9.185141687	3.199301976	0.01588961	0.04104205	6.27625626	0	0	34.1015668	19.15089533	6.924447566	Cyp2b10
ENSMUSG00000029245	0.211981225	-2.237991603	0.01593584	0.04114879	15.2423366	18.6649446	21.1193203	0	5.745268599	5.935240771	Epha5
ENSMUSG00000089727	0.176360823	-2.503397984	0.01600082	0.04130384	14.3457286	24.5591377	26.0885721	9.472657445	1.915089533	0	Klra8
ENSMUSG00000020641	3.638607945	1.863386611	0.01610484	0.04150478	310.226381	1327.1758	1665.94168	3656.445774	6262.342773	2099.096819	Rsad2
ENSMUSG00000046959	3.768423899	1.913961259	0.01610474	0.04150478	25.105025	13.7531171	7.45387776	124.0918125	18.19335056	33.63303103	Slc26a1
ENSMUSG00000104402	0.361739799	-1.466975761	0.01611724	0.04152137	17.9321607	45.1888133	70.8118387	19.89258063	13.40562673	14.83810193	Gm38012
ENSMUSG00000000409	0.442200258	-1.177228229	0.01623568	0.04178802	75.3150751	163.072674	136.654426	87.14844849	51.70741739	26.70858347	Lck
ENSMUSG00000110686	4.877683605	2.286196179	0.01628905	0.04189327	4.48304019	1.96473102	3.72693888	5.683594467	14.3631715	29.67620385	Gm45855
ENSMUSG00000083306	0.357115174	-1.485538658	0.01630006	0.04189591	21.5185929	38.3122548	84.4772812	12.31445468	20.1084401	18.79492911	Gm13868
ENSMUSG00000048782	0.339464974	-1.558665368	0.01633069	0.04194894	43.0371858	41.2593513	23.6039462	15.15625191	3.830179066	17.80572231	Insc
ENSMUSG00000032554	0.491455433	-1.0248675	0.01643162	0.04216947	1294.70201	946.017984	1726.81501	1171.767726	415.5744286	362.049687	Trf
ENSMUSG00000097770	3.498997318	1.806941559	0.01649757	0.04229992	7.1728643	2.94709652	6.2115648	10.41992319	22.98107439	23.74096308	Gm26776
ENSMUSG00000026070	0.451068503	-1.148581544	0.01660288	0.04253744	47.520226	95.2894542	42.2386406	33.15430106	30.64143253	19.7841359	Il18r1
ENSMUSG00000025791	0.351848845	-1.506972318	0.01669238	0.04270156	1356.56796	5047.39398	1480.83705	835.4883866	1106.92175	831.9229147	Pgm2
ENSMUSG00000049303	0.474295282	-1.076142577	0.01681119	0.04297275	171.252135	63.853758	84.4772812	57.78321041	56.49514122	37.58985821	Syt12
ENSMUSG00000055027	0.085592007	-3.546380115	0.01687534	0.04312357	124.628517	1819.34092	202.497012	30.31250382	147.461894	5.935240771	Smyd1
ENSMUSG00000045231	2.75057575	1.459733635	0.01690639	0.04318978	29.5880652	14.7354826	4.96925184	48.31055297	43.08951449	46.49271937	BC106179
ENSMUSG00000050377	0.401123728	-1.317880785	0.01711986	0.04365739	122.835301	65.818489	32.3001369	27.47070659	22.02352963	39.56827181	Il31ra
ENSMUSG00000085201	0.273703038	-1.869316645	0.01725521	0.04394044	8.06947233	29.4709652	33.5424499	3.789062978	7.660358132	7.913654361	Nr6a1os
ENSMUSG00000022622	0.479167834	-1.061397029	0.01735573	0.04415621	38.5541456	37.3298893	32.3001369	20.83984638	18.19335056	12.85968834	Acr
ENSMUSG00000033044	0.0955426	-3.387712047	0.01741405	0.04428445	52.8998742	644.431773	104.354289	10.41992319	63.19795459	2.967620385	Dhrs7c
ENSMUSG00000054320	0.383327381	-1.38335104	0.01751038	0.04450245	29.5880652	36.3475238	32.3001369	5.683594467	20.1084401	11.87048154	Lrrc36
ENSMUSG00000081264	0.209951353	-2.251873012	0.01760782	0.04470947	7.1728643	11.7883861	45.9655795	2.841797233	6.702813365	3.956827181	Gm14021
ENSMUSG00000041679	2.067665783	1.048003007	0.01761585	0.0447231	41.2439697	29.4709652	19.8770073	48.31055297	85.22148421	55.39558053	Lrrc29
ENSMUSG00000078921	0.443122089	-1.17422385	0.01762135	0.04473029	233.11809	747.580151	203.739325	120.3027495	171.4005132	233.4528037	Tgtp2
ENSMUSG00000045667	0.367788635	-1.443051197	0.01771625	0.04491007	130.904773	815.363371	168.954562	118.4082181	178.1033266	113.7587814	Smtnl2
ENSMUSG00000059108	0.464676621	-1.105701035	0.01788283	0.0452708	43.0371858	120.830957	62.115648	36.94336403	35.42915636	32.64382424	Ifitm6
ENSMUSG00000099364	0.10716711	-3.222065894	0.01789772	0.04528801	0.89660804	34.3827928	27.3308851	2.841797233	3.830179066	0	5730419F03Rik
ENSMUSG00000006542	0.114014158	-3.132715104	0.01792517	0.04535062	82.4879394	932.264867	243.49334	32.20703531	106.2874691	4.946033976	Prkag3
ENSMUSG00000102649	0.418996725	-1.254989127	0.01797044	0.04542438	37.6575376	63.853758	114.292792	17.99804914	34.47161159	37.58985821	Gm38021
ENSMUSG00000078853	0.498839265	-1.003353065	0.01802868	0.04555071	528.998742	1906.77145	934.219345	368.4863746	658.7907993	653.8656916	Igtp
ENSMUSG00000086522	2.51934158	1.33304674	0.01806281	0.04562321	9.86268841	13.7531171	8.69619071	36.94336403	21.06598486	23.74096308	Gm4473
ENSMUSG00000026077	2.699181992	1.432522254	0.01812764	0.04575942	26.0016331	43.2240823	91.931159	73.88672807	93.83938711	265.1074211	Npas2
ENSMUSG00000036306	0.350184432	-1.513813149	0.01816272	0.04580726	17.9321607	36.3475238	26.0885721	5.683594467	7.660358132	14.83810193	Lzts1
ENSMUSG00000062545	0.257596716	-1.956813893	0.01816013	0.04580726	8.96608037	33.4004273	28.5731981	8.5253917	7.660358132	1.97841359	Tlr12
ENSMUSG00000098651	3.167123086	1.663172937	0.01816084	0.04580726	8.06947233	6.87655855	3.72693888	13.26172042	18.19335056	28.68699706	Mir6999
ENSMUSG00000107586	0.231201291	-2.112778643	0.01820268	0.04589362	4.48304019	27.5062342	43.4809536	6.630860211	5.745268599	4.946033976	Gm44283
ENSMUSG00000062151	3.021099287	1.595073598	0.0182253	0.04593684	10.7592964	8.84128957	2.48462592	25.5761751	23.93861916	18.79492911	Unc13c
ENSMUSG00000043811	0.420296976	-1.250519017	0.01827061	0.04603722	43.9337938	28.4885997	57.1463961	13.26172042	13.40562673	27.69779026	Rtn4r
ENSMUSG00000015437	0.257428181	-1.957758101	0.01831763	0.04612801	11.6559045	29.4709652	18.6346944	3.789062978	9.575447664	1.97841359	Gzmb
ENSMUSG00000082855	0.21322164	-2.229574232	0.01832189	0.0461318	6.27625626	12.7707516	36.0270758	2.841797233	2.872634299	5.935240771	Gm14537
ENSMUSG00000029361	0.298309976	-1.74511587	0.01835358	0.04620467	17.0355527	84.4834337	24.8462592	7.578125956	14.3631715	15.82730872	Nos1
ENSMUSG00000043458	0.362253541	-1.464928304	0.01838611	0.0462588	19.7253768	18.6649446	28.5731981	9.472657445	4.787723832	9.892067951	Pcdhb12
ENSMUSG00000025498	0.324569649	-1.623399999	0.01846223	0.04644337	541.551254	2084.57961	1721.84576	283.2324576	802.4225143	325.4490356	Irf7
ENSMUSG00000030399	0.088820323	-3.492966372	0.01851877	0.04657162	4221.23064	72244.1418	7975.6492	1292.070475	5785.485479	422.3913015	Ckm
ENSMUSG00000003934	0.316045036	-1.661797939	0.01854337	0.04661254	17.0355527	47.1535444	14.9077555	9.472657445	6.702813365	8.902861156	Efnb3
ENSMUSG00000102051	0.258616808	-1.951112056	0.01855219	0.04662773	12.5525125	59.924296	21.1193203	2.841797233	10.53299243	10.88127475	I830127L07Rik
ENSMUSG00000097365	0.340707303	-1.553395223	0.01860573	0.04673431	26.8982411	22.5944067	12.4231296	6.630860211	5.745268599	8.902861156	C030034L19Rik
ENSMUSG00000061576	0.233094438	-2.101013517	0.01864515	0.04680529	18.8287688	17.6825791	29.815511	0.947265744	11.4905372	2.967620385	Dpp6

ENSMUSG00000002204	0.488068628	-1.034844073	0.01865745	0.04682916	143.457286	220.049874	161.500685	144.9316589	46.91969356	64.29844168	Napsa
ENSMUSG00000006642	3.310139322	1.726891941	0.01868695	0.04689618	10.7592964	2.94709652	4.96925184	16.10351766	27.76879823	18.79492911	Tcf23
ENSMUSG00000053004	0.376970921	-1.407474855	0.01875993	0.04706528	16.1389447	31.4356962	39.7540147	13.26172042	11.4905372	7.913654361	Hrh1
ENSMUSG00000103621	0.380776094	-1.392985187	0.01878609	0.04712387	22.4152009	47.1535444	93.1734719	23.68164361	21.06598486	16.81651552	Gm38366
ENSMUSG00000104852	0.341578003	-1.549713023	0.01880385	0.0471543	16.1389447	28.4885997	63.3579609	11.36718893	15.32071626	9.892067951	Gm43201
ENSMUSG00000002289	0.476363836	-1.069864203	0.01889442	0.04736022	442.027762	529.495009	1683.33406	345.7519967	415.5744286	502.5170519	Angptl4
ENSMUSG00000022449	0.32179438	-1.635788966	0.01896323	0.04749012	58.2795224	65.818489	13.6654426	7.578125956	18.19335056	18.79492911	Adamts20
ENSMUSG00000027748	0.236955707	-2.077310689	0.01898352	0.04753386	23.311809	17.6825791	7.45387776	1.894531489	6.702813365	2.967620385	Trpc4
ENSMUSG00000105201	0.463631075	-1.108950829	0.01900039	0.047569	45.7270099	82.5187026	119.262044	26.52344084	35.42915636	52.42796014	Gm43362
ENSMUSG00000093424	0.422775329	-1.242036905	0.01901435	0.04758975	26.8982411	52.0653719	60.873335	24.62890936	11.4905372	22.75175629	6330562C20Rik
ENSMUSG00000053846	0.210201381	-2.250155945	0.01940338	0.04843923	13.4491206	40.2769858	37.2693888	10.41992319	8.617902898	0	Lipg
ENSMUSG00000030592	0.093204109	-3.423462624	0.019505	0.04865159	616.866329	10454.3337	1214.98207	231.1328416	869.4506479	44.51430578	Ryr1
ENSMUSG00000066684	0.463282665	-1.110035394	0.01950528	0.04865159	36.7609295	46.1711789	37.2693888	26.52344084	17.2358058	11.87048154	Pilrb1
ENSMUSG00000045284	0.303071134	-1.722271644	0.01952063	0.04867541	18.8287688	14.7354826	23.6039462	7.578125956	7.660358132	1.97841359	Dcaf12l1
ENSMUSG00000071537	2.240116308	1.16357364	0.01956248	0.04876529	31.3812813	11.7883861	16.1500685	41.67969276	49.79232786	42.53589219	Klrg2
ENSMUSG00000109257	0.367126908	-1.445649236	0.01969061	0.04904826	15.2423366	41.2593513	54.6617702	10.41992319	15.32071626	14.83810193	Gm45200
ENSMUSG00000089783	0.334997902	-1.577776034	0.0198142	0.04929174	27.7948491	16.7002136	48.4502054	4.736328722	13.40562673	12.85968834	Gm454
ENSMUSG00000051844	3.07626184	1.621178306	0.01982661	0.04931384	6.27625626	3.92946203	9.93850367	17.0507834	15.32071626	28.68699706	B230319C09Rik
ENSMUSG00000030000	2.111842171	1.078502019	0.01985305	0.04935765	28.6914572	30.4533307	33.5424499	46.41602148	103.4148348	45.50351258	Add2
ENSMUSG00000002500	0.089467002	-3.482500512	0.01998027	0.04960049	71.728643	1422.46525	176.40844	16.10351766	125.4383644	7.913654361	Rpl3l
ENSMUSG00000044667	0.409856253	-1.286810087	0.0199926	0.04962376	25.105025	43.2240823	52.1771443	10.41992319	24.89616393	13.84889513	Plppr4