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

ID	Fold Change	log2FoldChange	pvalue	padj	Sham-1	Sham-2	Sham-3	Injured-1	Injured-2	Injured-3	Gene.name
ENSMUSG00000086843	0.058904836	-4.085470101	6.91E-211	1.13E-206	5275.98102	6295.81873	5775.99514	340.403315	353.167495	327.640713	E030013I19Rik
ENSMUSG00000026691	0.012196521	-6.357386456	1.52E-176	1.24E-172	2166.60242	2063.55409	1879.65896	27.9558278	17.2942846	29.7855193	Fmo3
ENSMUSG00000046805	45.5994485	5.510944471	4.71E-151	2.56E-147	84.9442383	118.72503	95.5268157	3566.83474	5305.70446	4748.49914	Mpeg1
ENSMUSG00000042793	0.008515552	-6.875684309	5.63E-149	2.30E-145	3548.78151	4775.00763	5524.15172	42.755972	24.5760886	51.5518604	Lgr6
ENSMUSG00000054889	0.001520542	-9.361198551	7.97E-135	2.60E-131	3451.25294	3348.04584	3770.89693	4.93338138	1.82045101	10.3103721	Dsp
ENSMUSG00000031292	0.083937218	-3.574545536	3.10E-134	8.43E-131	2043.90519	1874.72476	1924.04516	170.201658	145.63608	175.276325	Cdkl5
ENSMUSG00000040998	0.066191314	-3.917214278	9.14E-123	2.13E-119	16434.0884	19834.995	23323.0168	1385.45794	1177.8318	1381.58986	Npnt
ENSMUSG00000049103	43.51301917	5.443375217	2.61E-120	5.32E-117	45.0938549	56.5357285	54.0353705	1707.77219	2666.0505	2397.73431	Ccr2
ENSMUSG00000006219	0.128440957	-2.960822776	1.63E-103	2.95E-100	23699.4425	29131.7302	28714.9748	3749.36985	3223.10851	3500.94412	Fblim1
ENSMUSG00000095079	87.06002206	6.443938481	1.99E-99	3.24E-96	67.1164352	78.0193053	50.1757012	3342.36589	7763.31332	5857.43694	Igha
ENSMUSG00000029304	59.84099741	5.903062317	1.49E-94	2.20E-91	89.1390155	100.633597	86.8425597	3139.27502	6941.37969	6462.3121	Spp1
ENSMUSG00000031273	0.071300261	-3.809948838	6.04E-86	8.21E-83	4051.10608	4315.93751	4268.79427	385.625978	232.107503	281.816837	Col4a6
ENSMUSG00000021998	12.43182223	3.635965874	2.04E-85	2.55E-82	251.686632	254.410778	226.755573	2406.66788	3583.55781	3117.16916	Lcp1
ENSMUSG00000038677	0.161145896	-2.633560646	2.69E-85	3.13E-82	6849.02247	8145.66776	7203.10787	1306.52384	1103.19331	1166.21764	Scube3
ENSMUSG00000024672	42.19821065	5.39910992	5.06E-82	5.49E-79	11.5356373	20.3528623	18.3334293	609.272601	764.589423	742.34679	Ms4a7
ENSMUSG00000004098	9.066946588	3.180616786	1.68E-81	1.71E-78	241.199689	251.018635	216.141482	1856.59586	2101.71069	2461.88773	Col5a3
ENSMUSG00000022840	0.186540217	-2.422441392	5.60E-81	5.37E-78	17679.9372	19801.0736	17734.2156	3724.70294	3087.48491	3487.19696	Adcy5
ENSMUSG00000038642	30.94334682	4.951557341	1.16E-80	1.05E-77	190.862363	200.136479	163.071029	3783.08129	7956.28112	5395.76139	Ctss
ENSMUSG00000039601	0.188353764	-2.408483235	6.20E-80	5.32E-77	7285.2793	8039.38059	8328.20148	1525.23708	1344.40307	1586.6517	Rcan2
ENSMUSG00000017969	0.150164552	-2.735383805	5.89E-78	4.80E-75	12030.621	15658.1354	15234.1148	2113.95392	2042.54603	2290.0482	Ptgis
ENSMUSG00000025150	0.17504243	-2.514223423	8.41E-77	6.53E-74	5166.91681	6265.28943	6156.17257	957.075988	1087.71948	1034.474	Cbr2
ENSMUSG00000026712	7.077990084	2.823339741	1.14E-76	8.41E-74	392.211668	336.952942	303.948959	2517.66897	2228.23203	2563.84586	Mrc1
ENSMUSG00000050830	0.024537463	-5.348870071	2.08E-76	1.47E-73	1300.38093	1144.28315	912.811795	14.8001441	35.4987946	33.22231	Vwc2
ENSMUSG00000004730	12.76872544	3.674542619	3.57E-76	2.42E-73	111.161596	91.5878802	95.5268157	1249.78995	1496.41073	1061.96832	Adgre1
ENSMUSG00000029860	0.259286728	-1.947379735	2.69E-74	1.75E-71	12664.0324	14243.6114	13147.9635	3427.0556	3397.8718	3561.66075	Zyx
ENSMUSG00000049313	0.230585448	-2.116626626	3.97E-74	2.49E-71	5610.5145	5999.57151	6371.34913	1452.05859	1375.35074	1317.43643	Sorl1
ENSMUSG00000062593	17.3511924	4.116962905	7.78E-71	4.70E-68	70.2625181	62.1893014	73.3337171	1036.01009	1527.35839	1011.56206	Lilrb4a
ENSMUSG00000051048	35.42449034	5.146675192	8.66E-70	5.04E-67	23.0712746	9.04571656	17.3685119	633.117277	523.379664	611.748743	P4ha3
ENSMUSG00000026656	10.20408696	3.351075194	5.03E-68	2.83E-65	180.37542	161.692184	139.913013	1347.63535	1895.99972	1671.42587	Fcgr2b
ENSMUSG00000018774	11.02459893	3.462654267	2.00E-67	1.09E-64	83.895544	76.8885908	75.2635518	738.362747	1001.24805	862.634464	Cd68
ENSMUSG00000024395	0.235700902	-2.084970814	1.39E-65	7.31E-63	6204.07548	7423.14115	6624.15747	1639.52708	1560.12651	1572.90454	Lims2
ENSMUSG00000026395	22.37501892	4.483816997	4.46E-65	2.27E-62	89.1390155	79.1500199	49.2107838	1475.90326	2073.4937	1302.54367	Ptprc
ENSMUSG00000032289	0.108785159	-3.20044635	1.26E-64	6.22E-62	6265.94844	6839.69244	7502.23224	930.764621	721.808824	586.545612	Thsd4
ENSMUSG00000029108	0.188292979	-2.408948885	1.38E-63	6.63E-61	8927.53457	9392.84594	10679.705	2062.15342	1673.9047	1722.97773	Pcdh7
ENSMUSG00000021922	0.06395333	-3.966836706	3.44E-63	1.60E-60	5625.19622	5186.58773	5098.62317	477.715764	296.733514	240.575349	Itih4
ENSMUSG00000027335	0.078692557	-3.667628997	9.65E-63	4.37E-60	712.06343	760.970906	1018.9527	67.4228789	59.1646577	69.8814108	Adra1d
ENSMUSG00000019944	0.170456243	-2.552526659	2.23E-62	9.80E-60	3425.03558	3711.00522	3426.42144	703.006847	577.993194	516.664201	Rhobtb1
ENSMUSG00000023992	35.47681764	5.148804697	3.44E-62	1.48E-59	24.1199689	19.2221477	23.1580159	541.027492	834.676786	990.941316	Trem2
ENSMUSG00000038147	26.44672389	4.725017113	1.09E-61	4.55E-59	29.3634404	27.1371497	28.9475199	533.627419	915.686856	813.373797	Cd84
ENSMUSG00000067149	37.71412163	5.237032921	2.04E-60	8.31E-58	46.1425492	41.8364391	45.3511145	924.186779	2219.12978	1889.08928	Jchain
ENSMUSG00000026768	0.091164246	-3.455388069	2.77E-60	1.10E-57	46229.5908	46324.2452	52678.6967	5820.5678	4155.17942	3261.51437	Itga8
ENSMUSG00000027931	0.242782356	-2.042264514	9.44E-60	3.66E-57	7285.2793	8664.66575	7750.216	1845.90687	2047.09716	1860.44936	Npr1
ENSMUSG00000040552	12.89171599	3.688372405	1.59E-59	6.04E-57	77.6033782	61.0585868	79.1232211	750.6962	1133.23075	930.224681	C3ar1
ENSMUSG00000021779	0.189226666	-2.401812687	2.19E-58	8.11E-56	2320.76049	2626.64995	2575.36435	539.383031	416.88328	466.257937	Thrb
ENSMUSG00000063430	0.137404201	-2.863501985	2.44E-58	8.82E-56	962.701367	1290.14532	1231.23451	151.290362	162.930365	164.965953	Wscd2
ENSMUSG00000068748	0.076085174	-3.716240832	5.25E-58	1.86E-55	1389.51995	2107.65196	2355.3632	152.934823	166.571267	124.870062	Ptprz1
ENSMUSG00000079227	26.73432978	4.740621604	6.53E-58	2.26E-55	25.1686632	31.660008	24.1229333	508.960513	899.302797	749.220371	Ccr5
ENSMUSG00000020155	0.193092103	-2.372638933	9.47E-58	3.21E-55	3275.0723	3989.161	4264.9346	774.540877	751.846266	698.814108	Kcnmb1
ENSMUSG00000040747	13.46617263	3.751267959	9.83E-58	3.27E-55	73.408601	71.2350179	69.4740478	759.740733	1226.07375	897.002371	Cd53
ENSMUSG00000031004	9.793831047	3.291873308	4.80E-57	1.56E-54	61.8729637	78.0193053	66.5792958	667.650947	765.499648	584.254418	Mki67
ENSMUSG00000030579	10.77504533	3.429622033	5.59E-57	1.79E-54	116.405067	116.463601	101.31632	927.4757	1455.45058	1215.47831	Tyrobp
ENSMUSG00000039542	0.134462392	-2.894725374	7.56E-57	2.37E-54	5764.67257	6524.22307	6286.43641	707.940228	735.462206	1057.38594	Ncam1
ENSMUSG00000021702	93.1508462	6.54149697	9.46E-57	2.91E-54	14.6817202	19.2221477	19.2983466	1369.01333	859.252875	2729.95741	Thbs4
ENSMUSG00000022488	11.48272828	3.52139356	1.91E-55	5.76E-53	110.112901	74.6271616	87.8074771	960.364909	1277.95661	893.56558	Nckap1l
ENSMUSG00000015852	8.459896076	3.080639941	2.62E-55	7.77E-53	142.622425	105.156455	92.6320637	965.29829	897.482346	1014.99885	Fcrls
ENSMUSG00000010311	0.090137741	-3.471724893	4.91E-55	1.43E-52	1228.02103	1727.73186	1812.11475	142.24583	114.688413	174.130728	Optc
ENSMUSG00000023829	0.027143862	-5.203230205	5.06E-55	1.45E-52	356.556062	349.390802	344.475487	7.40007207	7.28180402	14.8927597	Slc22a1
ENSMUSG00000029651	0.183769374	-2.444031743	6.06E-55	1.70E-52	1943.23054	2400.50703	2573.43452	418.515187	407.781025	445.637193	Mtus2
ENSMUSG00000021136	0.197194094	-2.342311749	8.39E-55	2.32E-52	6819.65903	6403.23661	6426.34942	1330.36851	1074.06609	1472.09201	Smoc1
ENSMUSG00000006221	0.180232916	-2.472065581	9.50E-55	2.58E-52	10831.9634	14111.3178	14077.1789	2093.39817	2573.2075	2366.80319	Hspb7
ENSMUSG00000023336	0.204189504	-2.292019389	9.94E-55	2.65E-52	4074.17735	5305.31276	4870.90268	904.453253	1024.00369	981.776541	Wfdc1
ENSMUSG00000031586	0.235801006	-2.084358221	1.45E-54	3.80E-52	8460.86561	10824.3306	9285.39947	2284.15558	2221.86045	2230.47716	Rbpms
ENSMUSG00000006526	0.164529644	-2.603580555	1.93E-54	4.93E-52	3931.55493	5251.03846	5158.44805	735.896056	736.372432	888.983193	Tmem110
ENSMUSG00000058818	20.27829823	4.34186468	1.94E-54	4.93E-52	57.6781865	39.57501	39.5616105	683.273321	1212.42037	878.67282	Pirb
ENSMUSG00000059498	7.30509128	2.8689023	1.14E-53	2.86E-51	166.742394	159.430754	152.456938	951.320376	1334.39059	1210.89592	Fcgr3
ENSMUSG00000015340	27.43597044	4.777996701	1.36E-53	3.37E-51	96.4798756	87.0650219	72.3687998	1313.10168	3288.64474	2414.91826	Cybb
ENSMUSG00000026255	0.182974704	-2.45028388	3.72E-53	9.06E-51	3190.12806	4201.73534	4318.00505	687.384473	751.846266	703.396495	Efhd1
ENSMUSG00000024621	6.128049731	2.615428005	8.72E-53	2.09E-50	560.002756	424.017964	488.248169	2925.49516	3463.40804	2634.87286	Csf1r
ENSMUSG00000029816	6.20708369	2.633915598	2.60E-52	6.14E-50	467.717658	471.507976	490.178004	2969.07336	3508.91931	2393.15192	Gpnmb
ENSMUSG00000045915	0.023545909	-5.408379753	4.38E-52	1.02E-49	313.559596	431.932966	462.195401	6.57784184	10.922706	11.455969	Ccdc42
ENSMUSG00000029810	3.223562964	1.688656163	1.07E-51	2.46E-49	1034.01258	944.146666	979.39109	3089.94121	3292.28564	3152.68266	Tmem176b
ENSMUSG00000048442	0.152650385	-2.711696869	1.41E-51	3.19E-49	964.798756	1309.36747	1220.62042	187.468493	163.840591	182.149907	Smim5
ENSMUSG00000084939	0.089507599	-3.481846016	1.43E-51	3.19E-49	662.774797	758.709477	983.25076	77.2896417	58.2544322	80.1917828	Gm830

ENSMUSG00000069516	9.994210833	3.321092653	3.40E-51	7.48E-49	2514.76893	1641.79756	1924.04516	15880.5547	25424.4188	19469.4193	Lyz2
ENSMUSG00000030707	14.36138269	3.844122751	3.97E-51	8.63E-49	131.086787	119.855744	129.298922	1163.45578	2246.43654	2054.05524	Coro1a
ENSMUSG00000021822	5.50224278	2.460019798	7.44E-51	1.59E-48	203.446694	215.966483	241.229333	1059.85477	1259.7521	1319.72763	Plau
ENSMUSG00000076609	27.39325591	4.775748847	1.08E-50	2.29E-48	132.135482	125.509317	111.93041	1912.50752	5231.97619	2976.26074	Igkc
ENSMUSG00000044338	14.76196217	3.883812593	2.41E-50	5.04E-48	111.161596	52.0128702	62.7196265	1102.61074	1022.18324	1213.18711	Aplnr
ENSMUSG00000073418	5.264129497	2.39619498	4.14E-50	8.55E-48	1997.76264	1768.43759	1376.93703	9205.68966	8928.40196	8934.5102	C4b
ENSMUSG00000063873	0.147859968	-2.757696592	4.39E-50	8.93E-48	2074.31732	2189.06341	2062.02834	325.603171	236.658631	374.610186	Slc24a3
ENSMUSG00000029381	0.168506146	-2.569126886	5.04E-50	1.01E-47	746.670341	849.166642	964.91733	139.779139	146.546306	145.490806	Shroom3
ENSMUSG00000024679	12.90866082	3.690267435	1.10E-49	2.18E-47	37.7529948	36.1828662	35.7019412	379.048136	535.212596	501.771441	Ms4a6d
ENSMUSG00000004266	13.19808034	3.722256199	5.74E-49	1.13E-46	57.6781865	55.4050139	68.5091305	608.45037	1027.64459	765.258728	Ptpn6
ENSMUSG00000020914	8.122815694	3.02197991	8.71E-49	1.69E-46	74.4572953	83.6728782	61.7547091	521.293966	647.170333	612.89434	Top2a
ENSMUSG00000009185	34.60424638	5.11287718	1.01E-48	1.94E-46	32.5095233	22.6142914	33.7721066	558.294326	1226.98398	1302.54367	Ccl8
ENSMUSG00000045392	0.128341046	-2.961945453	2.62E-48	4.96E-46	6108.6443	4660.80546	3935.89779	689.851163	520.648988	677.047766	Olfr1033
ENSMUSG00000048096	0.241976484	-2.047061249	5.62E-48	1.05E-45	19538.2235	24068.3903	21643.0957	5396.297	4684.02044	5709.65494	Lmod1
ENSMUSG00000028459	33.46523779	5.064591361	6.53E-48	1.21E-45	13.6330259	23.745006	19.2983466	421.804108	859.252875	610.603146	Cd72
ENSMUSG00000062168	0.022744675	-5.45832739	6.81E-48	1.25E-45	337.679565	334.691513	413.949535	9.04453253	2.73067651	13.7471628	Ppef1
ENSMUSG00000019851	0.287768865	-1.797017585	7.16E-48	1.30E-45	2165.55373	2311.18058	2246.32755	610.094831	699.963412	624.350309	Perp
ENSMUSG00000036908	6.637421585	2.730622912	3.39E-47	6.08E-45	400.601223	365.220806	341.580735	1901.81852	2870.85124	2577.59302	Unc93b1
ENSMUSG00000018008	10.27334766	3.360834467	3.64E-47	6.44E-45	139.476342	176.391473	130.26384	1100.14405	1811.34875	1666.84349	Cyth4
ENSMUSG00000048163	20.67283692	4.369664477	6.09E-47	1.07E-44	27.2660518	27.1371497	37.6317759	451.404396	840.138139	618.622325	Selplg
ENSMUSG00000045312	4.971434833	2.313662296	1.30E-46	2.25E-44	168.839782	189.960048	179.474623	882.253037	810.100698	984.067735	Lhfpl2
ENSMUSG00000023092	0.257573863	-1.956941888	2.42E-46	4.16E-44	26449.1189	31096.9121	32790.7856	8023.32259	8200.22156	7043.12973	Fhl1
ENSMUSG00000026676	0.193434174	-2.370085394	2.70E-46	4.58E-44	6508.19682	7200.39038	8602.238	1658.43837	1373.53028	1281.92293	Ccdc3
ENSMUSG00000036098	0.083075499	-3.589433137	5.27E-46	8.85E-44	411.088166	639.984447	487.283252	41.9337417	45.5112752	40.0958914	Myrf
ENSMUSG00000020120	7.043172461	2.816225409	5.49E-46	9.13E-44	159.401534	146.992894	131.228757	823.052461	1163.26819	1095.19063	Plek
ENSMUSG00000023367	3.303211265	1.723869244	8.68E-46	1.43E-43	616.632248	612.847297	555.792382	1905.92967	2037.9949	1950.95152	Tmem176a
ENSMUSG00000048865	10.43209643	3.382957206	1.35E-45	2.19E-43	73.408601	62.1893014	73.3337171	564.872168	906.584601	711.415673	Arhgap30
ENSMUSG00000020053	7.893709038	2.980703343	1.99E-45	3.21E-43	1463.97724	1161.24386	1116.40935	9398.09153	7574.89664	12563.7612	Igf1
ENSMUSG00000068196	5.574142867	2.47874998	2.62E-45	4.19E-43	1415.7373	1840.80332	1516.85004	10154.5433	7282.71425	9165.92078	Col8a1
ENSMUSG00000091971	0.211186433	-2.243410937	3.63E-45	5.74E-43	2065.92777	1697.20257	2079.39685	406.181734	367.731103	461.67555	Hspa1a
ENSMUSG00000045382	23.65945152	4.564344724	1.03E-44	1.61E-42	23.0712746	16.9607186	14.47376	311.625257	514.277409	461.67555	Cxcr4
ENSMUSG00000000290	16.1177361	4.010577212	1.29E-44	2.00E-42	68.1651295	72.3657325	63.6845438	901.164332	1588.3435	798.481038	Itgb2
ENSMUSG00000005950	0.196272982	-2.349066503	1.49E-44	2.29E-42	805.397222	885.349509	831.758739	139.779139	174.763297	182.149907	P2rx5
ENSMUSG00000041515	14.23699159	3.831572418	2.06E-44	3.14E-42	71.3112124	76.8885908	46.3160319	650.384112	1100.46263	1010.41646	Irf8
ENSMUSG00000015143	0.308911013	-1.694736788	2.13E-44	3.21E-42	25730.7633	31199.8071	27554.1793	8915.44239	8794.59881	8386.91489	Actn1
ENSMUSG00000049565	0.080475792	-3.635301325	2.84E-44	4.25E-42	287.342238	333.560798	354.12466	21.377986	30.0374416	27.4943255	Aknad1
ENSMUSG00000026991	0.246841225	-2.018344737	3.11E-44	4.61E-42	7400.63567	7611.97049	8801.01097	1780.95068	1874.15431	2225.89477	Pkp4
ENSMUSG00000055322	0.301277122	-1.73083697	3.19E-44	4.68E-42	53867.2314	57836.0503	52465.45	17496.2371	14650.9897	17313.4059	Tns1
ENSMUSG00000000682	32.81226835	5.036163427	6.85E-44	9.97E-42	31.460829	22.6142914	27.0176853	469.493462	1227.8942	968.029378	Cd52
ENSMUSG00000027883	0.213103806	-2.230371734	7.57E-44	1.09E-41	1409.44514	1783.13688	1838.16751	378.225906	339.514113	353.989441	Gpsm2
ENSMUSG00000073489	9.817041374	3.295288296	8.29E-44	1.18E-41	116.405067	91.5878802	109.035658	747.407279	1245.18849	1123.83056	Ifi204
ENSMUSG00000037145	0.003434496	-8.185685701	1.21E-43	1.72E-41	749.816424	498.645125	668.68771	2.46669069	1.82045101	2.2911938	2210407C18Rik
ENSMUSG00000042109	0.156001793	-2.680365482	1.35E-43	1.89E-41	708.917347	835.598067	687.986057	133.201297	95.5736778	119.142077	Csdc2
ENSMUSG00000021423	23.91349351	4.579753003	1.51E-43	2.11E-41	39.8503834	41.8364391	32.8071892	504.849361	1147.79436	1081.44347	Ly86
ENSMUSG00000030789	49.21623836	5.621062491	1.56E-43	2.15E-41	10.486943	23.745006	7.71933864	561.583247	982.133318	490.315472	Itgax
ENSMUSG00000036905	9.090822397	3.184410813	1.77E-43	2.42E-41	623.973108	420.62582	497.897342	3320.9879	5385.8043	5320.15199	C1qb
ENSMUSG00000030246	0.213991375	-2.224375442	1.94E-43	2.63E-41	2502.1846	1901.86191	1973.25594	425.093029	460.574105	480.0051	Ldhb
ENSMUSG00000071714	5.2544487	2.393539404	2.13E-43	2.87E-41	102.772041	104.02574	115.79008	602.694759	557.058008	536.139348	Csf2rb2
ENSMUSG00000027797	5.867041783	2.552633266	2.55E-43	3.41E-41	329.29001	303.031505	301.054207	1857.41809	1451.80968	2168.61493	Dclk1
ENSMUSG00000030562	0.197617744	-2.339215605	4.38E-43	5.80E-41	6677.03661	7180.03752	8089.8669	1753.81708	1260.66232	1320.87322	Nox4
ENSMUSG00000024300	14.44725398	3.852723398	4.55E-43	5.98E-41	42.9964663	54.2742994	36.6668586	510.604973	854.701747	562.488077	Myo1f
ENSMUSG00000026840	0.086497078	-3.5312048	6.02E-43	7.84E-41	659.628715	808.460918	634.915603	74.0007207	38.2294711	69.8814108	Lamc3
ENSMUSG00000043687	0.099501397	-3.329139403	9.16E-43	1.18E-40	450.938549	548.396567	551.932713	44.4004324	41.8703731	69.8814108	1190005I06Rik
ENSMUSG00000031024	0.27925576	-1.840341058	1.42E-42	1.82E-40	5012.75875	5854.84004	5430.55474	1617.32686	1349.86442	1584.36051	St5
ENSMUSG00000079293	35.76747989	5.160576567	1.62E-42	2.07E-40	11.5356373	21.4835768	22.1930986	409.470655	949.3652	617.476728	Clec7a
ENSMUSG00000031870	0.05199002	-4.265621469	1.67E-42	2.11E-40	411.088166	349.390802	472.809492	11.5112232	27.3067651	26.3487286	Pgr
ENSMUSG00000025743	3.528593897	1.819093401	2.06E-42	2.58E-40	881.951906	919.270946	870.355432	2775.84926	3406.97406	3244.33041	Sdc3
ENSMUSG00000005611	0.214443986	-2.221327238	2.26E-42	2.81E-40	7098.61172	9477.64953	8859.87093	2007.88622	1852.3089	1592.37969	Mrvi1
ENSMUSG00000052160	12.35439904	3.62695293	6.03E-42	7.45E-40	94.382487	114.202172	85.8776424	785.22987	1485.48802	1363.26031	Pld4
ENSMUSG00000048546	0.309055915	-1.694060216	7.08E-42	8.67E-40	3850.80547	3674.82235	3280.71892	1159.34462	1125.94895	1052.80355	Tob2
ENSMUSG00000043832	17.30978998	4.113516316	8.57E-42	1.04E-39	22.0225803	18.0914331	26.0527679	370.003604	478.778615	301.291984	Clec4a3
ENSMUSG00000035208	9.650802243	3.270648874	9.55E-42	1.15E-39	53.4834093	59.9278722	49.2107838	404.537273	588.005675	575.089643	Slfn8
ENSMUSG00000052336	31.94338351	4.997445229	1.90E-41	2.28E-39	12.5843316	31.660008	30.8773546	483.471375	865.624453	1051.65795	Cx3cr1
ENSMUSG00000059970	0.291291047	-1.779466736	2.10E-41	2.50E-39	1193.41411	1146.54457	1091.3215	345.336697	336.783436	316.184744	Hspa2
ENSMUSG00000037852	0.294193416	-1.765163137	2.18E-41	2.58E-39	33139.7886	36842.0728	42455.3976	10888.7949	11062.8808	11127.1827	Cpe
ENSMUSG00000001349	0.229639202	-2.122559146	3.65E-41	4.27E-39	22478.7623	30815.3642	28961.0288	6294.99464	6798.47428	5794.42911	Cnn1
ENSMUSG00000030607	5.052636093	2.337036276	4.52E-41	5.26E-39	273.709212	235.188631	299.124372	1462.74758	1467.28351	1154.76167	Acan
ENSMUSG00000073460	0.174508643	-2.518629602	4.85E-41	5.61E-39	523.298456	668.252311	587.634654	97.0231672	101.945256	112.268496	Pnldc1
ENSMUSG00000044811	35.46846255	5.14846489	5.07E-41	5.81E-39	10.486943	15.830004	14.47376	296.002883	648.990784	500.625844	Cd300c2
ENSMUSG00000052430	0.12019236	-3.0565829	8.21E-41	9.36E-39	577.830559	550.657996	770.00403	89.6230951	63.7157852	74.4637983	Bmpr1b
ENSMUSG00000031819	0.286544042	-1.803171194	1.00E-40	1.14E-38	2571.39842	2981.69432	2983.52439	748.22951	825.574531	874.090433	Emc8
ENSMUSG00000032089	15.71868833	3.97440893	1.07E-40	1.20E-38	65.0190466	45.2285828	43.4212799	520.471736	999.427602	895.856774	Il10ra
ENSMUSG00000039997	7.863588908	2.975187903	1.08E-40	1.21E-38	333.484787	280.417213	246.053919	1625.54917	2647.84599	2488.23646	Ifi203
ENSMUSG00000047658	0.009147092	-6.772471076	1.09E-40	1.21E-38	308.316124	388.965812	329.03681	4.11115115	2.73067651	2.2911938	Gal3st3
ENSMUSG00000036896	7.436023215	2.894531274	1.73E-40	1.90E-38	508.616735	421.756535	493.072756	2475.73522	3895.76515	4218.08778	C1qc
ENSMUSG00000030409	0.251274123	-1.992665991	3.98E-40	4.36E-38	17130.4214	22595.0693	18286.1483	4538.71087	5280.21814	4757.66392	Dmpk
ENSMUSG00000052384	7.609300386	2.927763816	4.31E-40	4.68E-38	112.21029	82.5421636	90.7022291	579.672312	832.856335	761.821937	Nrros

ENSMUSG00000022952	13.30199521	3.733570751	6.66E-40	7.19E-38	72.3599067	88.1957365	68.5091305	700.540156	923.878886	1420.54015	Runx1
ENSMUSG00000020901	15.54600518	3.958471997	8.78E-40	9.41E-38	38.8016891	31.660008	17.3685119	366.714683	521.559213	469.694728	Pik3r5
ENSMUSG00000039257	0.098357681	-3.345818472	1.37E-39	1.46E-37	295.731793	308.685078	254.738175	27.9558278	30.9476671	25.2031317	Vstm2b
ENSMUSG00000034853	0.218175594	-2.196438367	1.76E-39	1.86E-37	1766.0012	1612.39898	1452.20058	405.359504	344.975466	301.291984	Acot11
ENSMUSG00000026090	0.084896294	-3.558154621	1.78E-39	1.87E-37	392.211668	367.482235	362.808916	32.8892092	20.0249611	43.5326821	2010300C02Rik
ENSMUSG00000020143	11.95659656	3.579734881	1.98E-39	2.06E-37	58.7268808	35.0521517	50.1757012	493.338138	737.282657	494.89786	Dock2
ENSMUSG00000037736	0.177714382	-2.492367652	2.40E-39	2.47E-37	4420.24647	4124.84675	5898.53964	742.473898	997.607151	827.12096	Limch1
ENSMUSG00000072941	0.284248492	-1.814775401	2.40E-39	2.47E-37	14355.5763	17022.9079	16267.5413	4911.18117	3978.59567	4653.4146	Sod3
ENSMUSG00000040613	5.063416088	2.340111043	3.40E-39	3.49E-37	176.180642	188.829333	174.650037	813.185698	1072.24564	845.45051	Apobec1
ENSMUSG00000058715	13.58164046	3.763585841	3.92E-39	3.99E-37	142.622425	106.28717	110.965493	958.720449	1942.42122	1988.75621	Fcer1g
ENSMUSG00000041696	0.287305618	-1.79934189	4.21E-39	4.26E-37	6803.92862	8787.91364	7621.88199	2256.19975	2133.56858	2279.73783	Rasl12
ENSMUSG00000026832	15.81237581	3.982982244	4.30E-39	4.33E-37	15.7304145	19.2221477	23.1580159	245.846839	341.334564	335.659891	Cytip
ENSMUSG00000020186	0.228574421	-2.12926413	5.23E-39	5.23E-37	15291.0116	18503.0132	20263.2639	3951.63849	3676.40081	4730.16959	Csrp2
ENSMUSG00000026475	15.13502481	3.919819135	6.98E-39	6.94E-37	31.460829	24.8757205	19.2983466	327.247632	332.232309	483.441891	Rgs16
ENSMUSG00000022246	3.522418216	1.81656621	8.74E-39	8.63E-37	274.757907	253.280064	285.61553	990.787428	918.417533	958.864603	Rai14
ENSMUSG00000049037	17.41581402	4.122326002	1.08E-38	1.06E-36	46.1425492	36.1828662	23.1580159	432.493101	793.716639	604.875162	Clec4a1
ENSMUSG00000024190	0.383086759	-1.384256932	1.40E-38	1.36E-36	11486.3487	11316.1914	12057.607	4229.5523	4397.29941	4730.16959	Dusp1
ENSMUSG00000071547	7.453657912	2.897948608	2.04E-38	1.98E-36	48.2399378	50.8821557	63.6845438	406.181734	361.359525	450.219581	Nt5dc2
ENSMUSG00000028989	0.068973891	-3.857805844	2.54E-38	2.45E-36	1202.85236	982.590962	646.494611	89.6230951	51.8828537	52.6974573	Angptl7
ENSMUSG00000024677	11.94479266	3.578309906	2.93E-38	2.81E-36	53.4834093	46.3592974	34.7370239	407.003964	674.477098	522.392185	Ms4a6b
ENSMUSG00000046329	0.27424332	-1.866471615	2.96E-38	2.82E-36	3304.43574	3623.9402	3108.96364	1043.41016	868.35513	838.576929	Slc25a23
ENSMUSG00000034652	18.10879619	4.178618739	3.19E-38	3.02E-36	19.9251917	29.3985788	21.2281813	287.780581	498.803576	486.878681	Cd300a
ENSMUSG00000015932	0.294402224	-1.764139523	4.11E-38	3.88E-36	41264.0233	48855.9152	54147.3009	14258.2944	13836.3379	14378.3867	Dstn
ENSMUSG00000050335	11.65046048	3.542315072	4.68E-38	4.38E-36	222.323192	235.188631	264.387349	1659.2606	3757.41088	2996.88148	Lgals3
ENSMUSG00000041073	0.192307632	-2.378512077	4.95E-38	4.61E-36	898.731015	1190.64244	912.811795	212.135399	176.583748	187.877891	Nacad
ENSMUSG00000002699	12.77257814	3.674977857	6.07E-38	5.62E-36	30.4121347	26.0064351	27.9826026	272.158206	420.524182	387.211751	Lcp2
ENSMUSG00000021457	6.058265512	2.598904808	6.57E-38	6.05E-36	184.570197	168.476471	122.544501	840.319295	1058.59226	978.339751	Syk
ENSMUSG00000020902	0.324046324	-1.625728027	6.64E-38	6.08E-36	6071.94	6573.97451	6887.5799	2295.6668	2107.17204	1924.60279	Ntn1
ENSMUSG00000018927	8.799022308	3.137343229	7.00E-38	6.37E-36	257.978798	226.142914	228.685407	1355.85765	2525.87577	2392.00632	Ccl6
ENSMUSG00000056069	14.4370873	3.851707801	8.34E-38	7.55E-36	34.6069119	19.2221477	29.9124372	305.869646	475.137713	434.181224	Fam105a
ENSMUSG00000023349	43.59909566	5.446226306	8.79E-38	7.91E-36	11.5356373	5.65357285	8.68425597	235.157846	443.27982	457.093162	Clec4n
ENSMUSG00000035697	6.752986878	2.755525754	9.18E-38	8.22E-36	188.764974	202.397908	134.123509	994.898579	1391.73479	1154.76167	Arhgap45
ENSMUSG00000059187	0.058478792	-4.09594269	1.15E-37	1.02E-35	274.757907	258.933637	248.948671	14.8001441	9.10225503	22.911938	Fam19a1
ENSMUSG00000056529	11.76198177	3.556059254	1.17E-37	1.04E-35	45.0938549	32.7907225	47.2809492	367.536913	610.761313	499.480247	Ptafr
ENSMUSG00000002980	0.316525661	-1.65960563	1.67E-37	1.47E-35	21720.5563	26680.341	23530.474	7081.04674	8019.99691	7667.48004	Bcam
ENSMUSG00000042228	6.542924992	2.709935732	1.83E-37	1.60E-35	213.933637	162.822898	143.772682	943.920304	1316.18608	1144.4513	Lyn
ENSMUSG00000069378	0.177523383	-2.493919028	1.94E-37	1.69E-35	1062.32733	1372.68749	1355.70885	223.646623	183.865552	266.924077	Prdm6
ENSMUSG00000022483	85.37763507	6.415786296	2.03E-37	1.76E-35	5.2434715	4.52285828	3.85966932	284.49166	546.135302	328.78631	Col2a1
ENSMUSG00000044676	0.145800423	-2.777933191	2.96E-37	2.55E-35	628.167886	755.317333	518.160606	79.7563323	97.3941288	100.812527	Zfp612
ENSMUSG00000015947	24.64816282	4.623408212	3.09E-37	2.65E-35	22.0225803	28.2678643	20.2632639	318.203099	717.257696	698.814108	Fcgr1
ENSMUSG00000016756	4.696723112	2.231654544	3.25E-37	2.77E-35	162.547616	123.247888	163.071029	735.896056	686.310029	689.649332	Cmah
ENSMUSG00000030208	2.802807989	1.486872913	5.78E-37	4.90E-35	2563.00887	2565.59136	2776.06716	7968.23316	6881.3048	7306.61701	Emp1
ENSMUSG00000053063	22.30171451	4.479082721	5.96E-37	5.03E-35	39.8503834	20.3528623	23.1580159	392.20382	841.048365	627.7871	Clec12a
ENSMUSG00000053158	4.862358237	2.281656189	7.17E-37	6.02E-35	218.128414	193.352192	161.141194	820.58577	984.863994	977.194154	Fes
ENSMUSG00000043004	6.257595802	2.645608473	8.49E-37	7.09E-35	115.356373	104.02574	77.1933864	555.005405	615.31244	682.775751	Gng2
ENSMUSG00000039323	7.217231716	2.851445575	9.36E-37	7.78E-35	276.855295	448.893684	393.686271	2109.84277	3161.21317	2806.7124	Igfbp2
ENSMUSG00000030376	0.239280287	-2.063226551	1.02E-36	8.45E-35	679.553906	837.859497	791.232211	176.7795	190.23713	185.586697	Slc8a2
ENSMUSG00000028599	5.460700329	2.449085987	1.23E-36	1.01E-34	260.076186	228.404343	269.211935	1142.07779	1692.10921	1305.98046	Tnfrsf1b
ENSMUSG00000026259	0.20907555	-2.257903738	1.28E-36	1.04E-34	643.8983	729.310898	741.05651	140.601369	130.162247	172.985132	Ngef
ENSMUSG00000015950	11.60380107	3.536525563	1.42E-36	1.16E-34	89.1390155	67.8428742	69.4740478	588.716845	1171.46022	868.362448	Ncf1
ENSMUSG00000030560	3.406203402	1.768164588	3.05E-36	2.47E-34	992.064808	979.198818	1079.74249	3040.60739	3854.80501	3499.79852	Ctsc
ENSMUSG00000028859	22.31893752	4.480196445	3.29E-36	2.65E-34	12.5843316	13.5685748	16.4035946	228.580004	409.601476	315.039147	Csf3r
ENSMUSG00000045555	0.125706505	-2.991868791	3.67E-36	2.95E-34	389.065585	438.717253	366.668586	62.4894975	48.2419517	37.8046976	Mettl24
ENSMUSG00000067818	0.274632812	-1.864424092	4.75E-36	3.80E-34	74573.7004	98890.0349	89565.5564	21956.0138	24413.1582	25868.7235	Myl9
ENSMUSG00000059279	0.006272006	-7.316857304	6.48E-36	5.15E-34	327.192622	334.691513	387.896767	2.46669069	1.82045101	2.2911938	Olfr224
ENSMUSG00000028111	4.349753705	2.120933714	9.94E-36	7.87E-34	1008.84392	964.499528	1137.63753	5348.60765	3739.20637	4446.06156	Ctsk
ENSMUSG00000050503	0.205498504	-2.2828002	1.22E-35	9.58E-34	2210.64758	3325.43155	2972.91029	578.850082	627.145372	541.867333	Fbxl22
ENSMUSG00000032690	15.73293097	3.975715558	1.47E-35	1.16E-33	40.8990777	45.2285828	36.6668586	391.38159	874.726708	663.300604	Oas2
ENSMUSG00000021319	3.582709086	1.841050902	1.55E-35	1.21E-33	3624.2875	2978.30218	3188.08686	13218.1732	10331.0595	11528.1416	Sfrp4
ENSMUSG00000036887	8.310205862	3.054884216	1.78E-35	1.38E-33	682.699989	590.233006	634.915603	3299.60991	5980.18156	6578.01739	C1qa
ENSMUSG00000042524	0.353201622	-1.501436129	1.87E-35	1.44E-33	9327.0871	10087.1047	9374.17186	3095.69682	3376.93662	3697.98679	Sun2
ENSMUSG00000015355	14.16594828	3.824355275	2.50E-35	1.93E-33	16.7791088	23.745006	18.3334293	259.002523	335.873211	234.847364	Cd48
ENSMUSG00000026288	6.281109983	2.651019531	3.62E-35	2.77E-33	147.865896	137.947178	111.93041	652.850803	932.070915	911.895131	Inpp5d
ENSMUSG00000020672	0.151196156	-2.725506636	4.06E-35	3.10E-33	402.698611	518.997988	588.599572	74.822951	73.7282657	80.1917828	Sntg2
ENSMUSG00000027536	0.241440769	-2.050258791	4.20E-35	3.18E-33	1465.02594	1763.91473	1860.36061	453.048857	418.703731	355.135038	Chmp4c
ENSMUSG00000029859	0.177741938	-2.492143972	4.31E-35	3.25E-33	533.785399	703.304463	582.810068	111.823311	91.9327758	120.287674	Epha1
ENSMUSG00000044583	9.796418009	3.292254334	5.24E-35	3.93E-33	26.2173575	28.2678643	27.9826026	242.557918	308.566446	256.613705	Tlr7
ENSMUSG00000034116	15.60098802	3.963565494	6.10E-35	4.56E-33	30.4121347	28.2678643	30.8773546	297.647343	608.940862	492.606666	Vav1
ENSMUSG00000015354	0.343157815	-1.543055885	7.17E-35	5.34E-33	3899.04541	3432.84944	3727.47565	1314.74614	1156.89661	1324.31001	Pcolce2
ENSMUSG00000031827	9.329593071	3.221814156	8.40E-35	6.21E-33	200.300611	156.038611	193.948383	1077.1216	2000.67566	2060.92882	Cotl1
ENSMUSG00000061718	0.032037714	-4.964084965	8.42E-35	6.21E-33	198.203223	238.580774	179.474623	6.57784184	7.28180402	5.72798449	Ppp1r1b
ENSMUSG00000019590	0.338526373	-1.562659862	1.07E-34	7.82E-33	2473.86985	2332.66416	2129.57255	789.341021	739.103108	820.247379	Cyb561
ENSMUSG00000024013	9.690358621	3.276550058	1.24E-34	9.03E-33	44.0451606	45.2285828	37.6317759	330.536553	518.828537	378.046976	Fgd2
ENSMUSG00000028581	15.11799498	3.91819491	1.30E-34	9.47E-33	233.858829	229.535058	179.474623	1619.79355	3677.31103	4419.71283	Laptm5
ENSMUSG00000033777	14.98894948	3.905827369	1.36E-34	9.87E-33	19.9251917	13.5685748	27.0176853	248.31353	365.000427	302.437581	Tlr13
ENSMUSG00000026527	0.067890644	-3.880643418	1.83E-34	1.32E-32	456.18202	442.109397	632.985769	50.156044	20.0249611	33.22231	Rgs7
ENSMUSG00000034780	0.137718615	-2.860204519	1.85E-34	1.33E-32	673.26174	922.663089	982.285842	148.823672	107.406609	97.3757363	B3galt1

ENSMUSG00000040133	24.05059926	4.588000936	2.10E-34	1.50E-32	11.5356373	13.5685748	13.5088426	222.824392	284.900582	422.725255	Gpr176
ENSMUSG00000037946	9.748248322	3.285143002	2.77E-34	1.97E-32	29.3634404	28.2678643	34.7370239	245.846839	334.962985	323.058325	Fgd3
ENSMUSG00000048915	0.234759761	-2.090742951	3.19E-34	2.26E-32	1481.80505	1436.0075	1475.3586	282.024969	338.603887	413.56048	Efna5
ENSMUSG00000022636	0.279787909	-1.837594479	3.40E-34	2.40E-32	1191.31672	1045.91098	1250.53286	319.84756	354.077721	301.291984	Alcam
ENSMUSG00000020439	0.261980409	-1.932469164	3.69E-34	2.59E-32	28273.847	38899.9734	31252.7074	9333.95757	7888.92443	8562.19121	Smtn
ENSMUSG00000010051	0.254161409	-1.9761831	5.37E-34	3.76E-32	1364.35128	1527.59538	1415.53372	428.38195	316.758475	348.261457	Hyal1
ENSMUSG00000090272	8.332075401	3.058675895	5.49E-34	3.82E-32	272.660518	258.933637	176.579871	1361.61326	2300.13985	2235.05955	Mndal
ENSMUSG00000024965	6.353976361	2.667659723	5.89E-34	4.08E-32	90.1877098	74.6271616	70.4389651	425.093029	583.454547	485.733085	Fermt3
ENSMUSG00000049625	21.20765142	4.406512958	6.04E-34	4.17E-32	22.0225803	14.6992894	9.6491733	234.335616	397.768545	347.11586	Tifab
ENSMUSG00000004609	6.486887293	2.697526373	7.02E-34	4.83E-32	61.8729637	56.5357285	56.9301225	419.337417	396.858319	319.621534	Cd33
ENSMUSG00000039115	0.213394113	-2.228407721	7.85E-34	5.38E-32	9827.31428	13005.479	14150.5126	3021.6961	2610.52674	2257.97149	Itga9
ENSMUSG00000000915	0.306159652	-1.707643929	9.37E-34	6.39E-32	1904.42885	2126.87411	1816.93933	536.91634	638.068078	616.331131	Hip1r
ENSMUSG00000053963	0.201372792	-2.312059325	1.06E-33	7.21E-32	2396.26647	3369.52942	3601.07148	707.940228	599.838607	577.380836	Stum
ENSMUSG00000019907	0.355387086	-1.492536837	1.14E-33	7.71E-32	11434.9626	12556.5853	11338.7435	4621.75612	3943.09688	3988.9684	Ppp1r12a
ENSMUSG00000026620	0.247516787	-2.014401721	1.37E-33	9.20E-32	2286.15357	3178.43866	2870.62906	740.007207	630.786274	691.940526	Mark1
ENSMUSG00000027254	0.275122645	-1.861853204	1.63E-33	1.09E-31	3185.93328	3974.46171	4208.00448	1130.56657	980.312867	1016.14445	Map1a
ENSMUSG00000021701	3.82358398	1.934925561	2.21E-33	1.48E-31	362.848228	272.502211	323.247306	1131.3888	1267.94413	1269.32136	Plk2
ENSMUSG00000041836	7.903884974	2.982561951	2.82E-33	1.88E-31	83.895544	61.0585868	71.4038824	427.55972	673.566872	611.748743	Ptpre
ENSMUSG00000055691	0.042395023	-4.559961268	3.17E-33	2.10E-31	173.034559	191.090762	207.457226	9.86676276	9.10225503	4.58238759	Gja6
ENSMUSG00000038521	3.632879449	1.861113493	4.99E-33	3.30E-31	2434.01947	2282.91272	2296.50325	10194.0104	7694.13618	7588.43385	C1s1
ENSMUSG00000044968	0.157610163	-2.665567533	5.56E-33	3.65E-31	1573.04145	1606.7454	1687.64041	319.84756	273.977876	170.693938	Napepld
ENSMUSG00000042254	10.81658808	3.435173591	5.78E-33	3.78E-31	199.251917	139.077892	259.562762	1534.28161	1983.38137	2960.22238	Cilp
ENSMUSG00000032122	6.755090419	2.755975081	6.29E-33	4.10E-31	47.1912435	56.5357285	42.4563625	293.536192	353.167495	337.951085	Slc37a2
ENSMUSG00000029822	0.25711117	-1.959535808	6.44E-33	4.18E-31	1520.60673	1749.21544	2031.15098	478.537994	474.227487	408.978092	Osbpl3
ENSMUSG00000021870	0.275493363	-1.859910534	7.22E-33	4.67E-31	12065.2279	13393.3141	14981.3065	4221.33	3730.10411	3187.05057	Slmap
ENSMUSG00000020427	7.335103828	2.874817387	9.54E-33	6.14E-31	294.683098	195.613621	292.369951	1775.19507	1493.68005	2479.07169	Igfbp3
ENSMUSG00000031239	7.386743231	2.884938429	1.27E-32	8.15E-31	310.413513	214.835768	225.790655	2060.50896	1297.07134	2191.52687	Itm2a
ENSMUSG00000035783	0.269511066	-1.891583586	1.28E-32	8.20E-31	198880.679	277579.12	262313.741	68236.8868	69381.939	61487.6223	Acta2
ENSMUSG00000073557	0.344135022	-1.538953375	1.66E-32	1.06E-30	17460.7601	21284.5711	18148.1651	6954.42329	6412.53867	6210.28078	Ppp1r12b
ENSMUSG00000021508	7.76054661	2.956158272	2.09E-32	1.32E-30	307.26743	169.607186	157.281525	1583.61542	1693.01944	1643.93155	Cxcl14
ENSMUSG00000047180	8.592436144	3.103067225	3.49E-32	2.21E-30	95.4311813	106.28717	85.8776424	554.183175	1046.75933	868.362448	Neurl3
ENSMUSG00000049723	418.0367464	8.707485954	3.54E-32	2.23E-30	6.2921658	2.26142914	4.82458665	1004.76534	3249.50505	1375.86187	Mmp12
ENSMUSG00000028238	32.42608705	5.019083035	3.93E-32	2.45E-30	5.2434715	12.4378603	3.85966932	259.824753	233.927954	187.877891	Atp6v0d2
ENSMUSG00000057604	0.140114452	-2.835322324	3.92E-32	2.45E-30	4293.35446	6961.80961	8306.00838	1027.78779	928.430013	783.588278	Lmcd1
ENSMUSG00000034275	0.222358994	-2.169037333	4.73E-32	2.94E-30	1994.61656	2533.93135	2275.27507	616.672673	458.753654	435.326821	Igsf9b
ENSMUSG00000026872	2.509340117	1.327308027	4.84E-32	3.00E-30	1798.51072	1796.70545	1670.2719	4646.42303	4156.08965	4408.25686	Zeb2
ENSMUSG00000024371	3.761512751	1.911312981	5.02E-32	3.10E-30	395.357751	313.207936	362.808916	1513.72585	1253.38052	1263.59338	C2
ENSMUSG00000020900	0.159194332	-2.65113912	5.76E-32	3.54E-30	11389.8688	11699.5037	12919.2781	2652.51472	1606.54801	1470.94642	Myh10
ENSMUSG00000053965	0.340144741	-1.555779313	6.75E-32	4.13E-30	4752.68257	5158.31987	5003.09636	1894.41845	1512.79479	1664.55229	Pde5a
ENSMUSG00000029581	9.018739047	3.172925737	7.81E-32	4.77E-30	167.791088	116.463601	171.755285	1011.34318	1203.31812	1905.12764	Fscn1
ENSMUSG00000025044	11.42456269	3.514067037	1.19E-31	7.26E-30	32.5095233	29.3985788	28.9475199	243.380148	415.062829	380.33817	Msr1
ENSMUSG00000047592	25.65810255	4.68134258	2.03E-31	1.23E-29	8.3895544	10.1764311	5.78950398	171.846118	200.249611	247.44893	Nxpe5
ENSMUSG00000022231	0.208566534	-2.261420409	2.27E-31	1.37E-29	2295.59182	2431.03633	3065.54236	666.006487	478.778615	478.859503	Sema5a
ENSMUSG00000044827	22.14742104	4.469066808	2.38E-31	1.43E-29	12.5843316	9.04571656	10.6140906	176.7795	302.194867	237.138558	Tlr1
ENSMUSG00000030786	16.1845551	4.016545802	2.54E-31	1.52E-29	50.3373264	42.9671537	53.0704532	410.292885	1089.53993	872.944836	Itgam
ENSMUSG00000036594	12.33756157	3.624985379	2.56E-31	1.53E-29	670.115658	1224.56388	635.880521	6893.57825	14629.1443	9688.31296	H2-Aa
ENSMUSG00000086596	0.2370855	-2.076520664	3.67E-31	2.18E-29	10329.6389	13453.242	15351.8347	3483.78949	2914.54206	2878.885	Susd5
ENSMUSG00000037995	0.154642493	-2.692991299	3.98E-31	2.36E-29	543.223647	892.133796	839.478077	112.645542	125.611119	113.414093	Igsf9
ENSMUSG00000043263	29.21745568	4.868758646	5.28E-31	3.12E-29	17.8278031	15.830004	10.6140906	220.357702	590.736351	477.713906	Ifi209
ENSMUSG00000055541	15.52650768	3.956661461	5.36E-31	3.15E-29	37.7529948	22.6142914	24.1229333	275.447127	545.225076	492.606666	Lair1
ENSMUSG00000054196	21.66162794	4.437069765	5.54E-31	3.24E-29	47.1912435	45.2285828	44.3861972	837.030374	494.252448	1633.62118	Cthrc1
ENSMUSG00000022148	8.420156134	3.073846985	5.80E-31	3.39E-29	112.21029	115.332886	138.948096	658.606414	1185.1136	1246.40942	Fyb
ENSMUSG00000030148	11.48683624	3.521909593	6.90E-31	4.02E-29	25.1686632	31.660008	44.3861972	287.780581	477.868389	402.104511	Clec4a2
ENSMUSG00000031343	0.279405329	-1.839568556	6.95E-31	4.03E-29	3225.78367	3015.61576	3210.27996	977.631744	711.796343	951.991022	Gabra3
ENSMUSG00000045763	12.47263832	3.640694764	1.24E-30	7.19E-29	81.7981554	61.0585868	64.6494611	531.160729	801.908668	1257.86539	Basp1
ENSMUSG00000059921	0.198592089	-2.332119943	1.84E-30	1.06E-28	1130.49246	1142.02172	1472.46385	303.402955	205.710964	233.701767	Unc5c
ENSMUSG00000028381	3.733294738	1.900449412	2.07E-30	1.19E-28	520.152373	442.109397	444.826889	1499.74794	1747.63297	2008.23136	Ugcg
ENSMUSG00000022995	0.284410921	-1.813951229	2.15E-30	1.23E-28	9575.62765	13262.1512	11605.0607	3094.05236	3131.17573	3571.97113	Enah
ENSMUSG00000004707	38.31360767	5.259784974	2.18E-30	1.24E-28	14.6817202	5.65357285	2.89475199	204.735327	356.808397	323.058325	Ly9
ENSMUSG00000036446	4.558899682	2.188685663	2.99E-30	1.70E-28	3782.64034	3038.23005	3746.77399	19523.8568	12456.436	16198.7401	Lum
ENSMUSG00000031028	0.134924612	-2.889774561	3.82E-30	2.16E-28	801.202445	1247.17817	1419.39339	180.06842	122.880443	164.965953	Tub
ENSMUSG00000029322	10.67487993	3.416147938	3.97E-30	2.24E-28	102.772041	72.3657325	93.596981	573.094471	1257.02142	1042.49318	Plac8
ENSMUSG00000037242	0.451520947	-1.147135176	4.96E-30	2.79E-28	16206.5217	16820.5099	17916.585	7712.51956	7738.73723	7550.62915	Clic4
ENSMUSG00000061119	2.887607743	1.529874778	5.41E-30	3.03E-28	507.568041	476.030834	501.757012	1296.65707	1510.06411	1484.69358	Prcp
ENSMUSG00000024521	34.99624516	5.129128235	6.46E-30	3.61E-28	5.2434715	5.65357285	6.75442131	161.157125	200.249611	260.050496	Pmaip1
ENSMUSG00000026536	11.09667918	3.472056091	6.64E-30	3.69E-28	60.8242694	47.490012	50.1757012	356.84792	711.796343	691.940526	Mnda
ENSMUSG00000078771	13.79345323	3.78591178	1.10E-29	6.12E-28	56.6294922	21.4835768	45.3511145	402.070583	676.297549	632.369487	Evi2a
ENSMUSG00000000318	7.002924879	2.807957612	1.12E-29	6.19E-28	139.476342	111.940742	118.684832	594.472457	1040.38775	958.864603	Clec10a
ENSMUSG00000032702	0.281409927	-1.829254871	1.25E-29	6.89E-28	7779.21432	9447.12023	10271.545	2856.42782	2646.93576	2232.76835	Kank1
ENSMUSG00000003283	17.84574506	4.15750823	1.28E-29	7.03E-28	31.460829	19.2221477	17.3685119	259.002523	561.609135	392.939736	Hck
ENSMUSG00000034641	9.772867293	3.288781901	1.32E-29	7.23E-28	39.8503834	58.7971577	46.3160319	320.66979	557.058008	537.284945	Cd300ld
ENSMUSG00000058013	2.734502603	1.451278435	1.66E-29	9.05E-28	778.13117	852.558786	832.723656	2080.24248	2210.93775	2446.99497	11-Sep
ENSMUSG00000049107	0.277698257	-1.848409973	2.31E-29	1.25E-27	676.407823	767.755193	824.0394	228.580004	195.698483	205.061845	Ntf3
ENSMUSG00000030782	0.343422106	-1.541945188	2.87E-29	1.55E-27	5651.41358	7217.3511	5957.3996	2130.39853	2126.28678	2208.71082	Tgfb1i1
ENSMUSG00000006731	8.193424093	3.034466491	2.93E-29	1.58E-27	62.921658	80.2807345	42.4563625	403.715043	529.751243	581.963224	B4galnt1
ENSMUSG00000062980	0.222960938	-2.165137119	2.92E-29	1.58E-27	11061.6275	10580.0962	12607.6098	3238.76488	2372.95789	2021.97852	Cped1
ENSMUSG00000031506	19.29809283	4.270386373	3.70E-29	1.99E-27	9.4382487	12.4378603	11.579008	157.868204	263.05517	224.536992	Ptpn7

ENSMUSG00000047963	0.2270187	-2.139116956	3.72E-29	1.99E-27	2609.15142	2616.47352	2250.18721	448.937706	705.424765	543.012929	Stbd1
ENSMUSG00000037731	10.71920778	3.42212638	3.99E-29	2.12E-27	53.4834093	52.0128702	38.5966932	333.003243	667.195294	541.867333	Themis2
ENSMUSG00000026979	12.73978469	3.671268991	4.05E-29	2.15E-27	18.8764974	19.2221477	16.4035946	184.179572	287.631259	221.100201	Psd4
ENSMUSG00000023015	5.981696469	2.580554705	4.15E-29	2.20E-27	45.0938549	41.8364391	42.4563625	241.735688	270.336974	262.34169	Racgap1
ENSMUSG00000024663	3.560885601	1.832236088	4.63E-29	2.44E-27	346.069119	281.547928	267.282101	975.987283	1080.43767	1130.70414	Rab3il1
ENSMUSG00000041482	4.107921865	2.038408741	5.20E-29	2.73E-27	155.206756	158.30004	165.965781	729.318214	552.50688	688.503735	Piezo2
ENSMUSG00000008496	18.1206438	4.179562308	5.30E-29	2.78E-27	26.2173575	49.7514411	40.5265279	378.225906	707.245216	1024.16363	Pou2f2
ENSMUSG00000057337	0.231448426	-2.111237343	7.03E-29	3.67E-27	1134.68723	1337.63534	1314.2174	360.959071	270.336974	242.866542	Chst3
ENSMUSG00000003882	44.77798915	5.484717837	7.45E-29	3.88E-27	6.2921658	3.39214371	3.85966932	189.935183	253.04269	163.820356	Il7r
ENSMUSG00000059089	56.51520663	5.820567203	7.60E-29	3.94E-27	5.2434715	11.3071457	2.89475199	177.60173	448.741173	451.365178	Fcgr4
ENSMUSG00000070942	6.478819579	2.695730983	8.15E-29	4.22E-27	94.382487	59.9278722	70.4389651	580.494543	449.651399	426.162046	Il1rl2
ENSMUSG00000044345	0.379549709	-1.397639249	1.09E-28	5.60E-27	12130.247	14860.9816	13060.1561	4938.31476	4950.71651	5313.27841	Marveld1
ENSMUSG00000016024	4.021641177	2.007784366	1.28E-28	6.59E-27	688.992155	495.252982	695.705395	2741.31559	2622.35967	2199.54604	Lbp
ENSMUSG00000031875	3.79936628	1.925758802	1.39E-28	7.12E-27	477.155906	396.880814	437.107551	1490.70341	1508.24366	1986.46502	Cmtm3
ENSMUSG00000018830	0.262891351	-1.927461419	1.61E-28	8.22E-27	170015.369	218714.119	184284.736	59702.137	49010.182	41925.4097	Myh11
ENSMUSG00000029217	5.206829484	2.380405161	1.68E-28	8.57E-27	70.2625181	54.2742994	69.4740478	357.67015	345.885691	308.165565	Tec
ENSMUSG00000032076	4.962216234	2.310984604	1.93E-28	9.80E-27	67.1164352	65.5814451	70.4389651	298.469574	354.987946	356.280635	Cadm1
ENSMUSG00000024737	13.01268878	3.701847188	2.67E-28	1.35E-26	27.2660518	26.0064351	22.1930986	215.42432	428.716212	336.805488	Slc15a3
ENSMUSG00000015342	0.205116462	-2.285484811	3.68E-28	1.86E-26	825.322414	1057.21812	1032.46154	239.268997	202.980287	153.509984	Xk
ENSMUSG00000110631	4.545004144	2.18428161	5.52E-28	2.78E-26	285.24485	196.744335	217.106399	1190.58937	1082.25812	903.875952	Gm42047
ENSMUSG00000029436	0.327090495	-1.612238257	5.55E-28	2.79E-26	2534.69412	3310.73226	3163.96393	1006.4098	986.684445	953.136619	Mmp17
ENSMUSG00000001494	0.003925725	-7.99282522	5.95E-28	2.98E-26	6680.18269	9898.27535	14129.2845	20.5557558	22.7556376	77.900589	Sost
ENSMUSG00000085180	0.209582808	-2.254407719	5.99E-28	2.98E-26	2319.71179	2474.00348	1643.25421	532.805189	396.858319	418.142868	AI838599
ENSMUSG00000002111	10.74192459	3.425180593	6.10E-28	3.03E-26	97.5285699	47.490012	60.7897918	499.91598	912.95618	800.772231	Spi1
ENSMUSG00000001507	0.356857416	-1.486580341	6.55E-28	3.25E-26	3686.16046	4702.6419	4235.02216	1461.10312	1528.26862	1515.6247	Itga3
ENSMUSG00000040710	8.449339987	3.078838651	7.76E-28	3.83E-26	51.3860207	26.0064351	32.8071892	328.069862	331.322083	272.652062	St8sia4
ENSMUSG00000027339	4.573292374	2.193233155	8.63E-28	4.25E-26	391.162974	254.410778	330.966644	1313.10168	1434.51539	1722.97773	Rassf2
ENSMUSG00000031342	4.26168284	2.09142323	9.53E-28	4.68E-26	369.140394	292.855074	271.14177	1315.56837	1123.21827	1538.53663	Gpm6b
ENSMUSG00000022575	3.152111399	1.656318522	1.11E-27	5.44E-26	313.559596	253.280064	287.545364	888.830879	948.454974	856.906479	Gsdmd
ENSMUSG00000020607	0.028921826	-5.111697531	1.32E-27	6.42E-26	320.900456	273.632926	315.527967	2.46669069	19.1147356	4.58238759	Fam84a
ENSMUSG00000019942	11.86555586	3.568707782	1.40E-27	6.79E-26	12.5843316	21.4835768	19.2983466	171.023888	233.927954	227.973783	Cdk1
ENSMUSG00000047945	9.700211112	3.278016146	2.05E-27	9.93E-26	126.89201	75.7578762	144.7376	738.362747	1186.02383	1453.76246	Marcksl1
ENSMUSG00000035873	0.258942162	-1.949298205	2.09E-27	1.01E-25	1527.94759	1774.09116	2036.94048	528.694038	462.394556	389.502945	Pawr
ENSMUSG00000027398	124.7806248	6.963250128	2.19E-27	1.06E-25	2.0973886	1.13071457	6.75442131	206.379788	728.180402	349.407054	Il1b
ENSMUSG00000015766	3.33082812	1.735880909	2.53E-27	1.22E-25	190.862363	160.561469	188.158879	598.583608	621.684019	578.526433	Eps8
ENSMUSG00000018654	8.839749885	3.14400555	2.68E-27	1.28E-25	45.0938549	37.3135808	25.0878506	259.002523	378.653809	309.311162	Ikzf1
ENSMUSG00000028194	6.443962827	2.687948172	2.81E-27	1.34E-25	127.940705	71.2350179	85.8776424	624.072745	519.738762	695.377317	Ddah1
ENSMUSG00000033220	11.79927192	3.560625934	3.15E-27	1.50E-25	74.4572953	40.7057245	39.5616105	415.226266	819.202953	591.127999	Rac2
ENSMUSG00000029761	0.385982669	-1.373392024	3.57E-27	1.70E-25	49236.1974	58988.2484	54950.1121	22550.4863	19414.1998	21017.1207	Cald1
ENSMUSG00000000957	8.094170939	3.016883317	3.83E-27	1.81E-25	1018.28217	1119.40742	1375.97211	6540.01925	7609.48521	14295.9037	Mmp14
ENSMUSG00000024349	4.56545652	2.190759129	4.32E-27	2.04E-25	160.450228	113.071457	150.527104	596.939147	743.654236	598.001581	Tmem173
ENSMUSG00000071715	10.76503699	3.428281371	4.67E-27	2.20E-25	18.8764974	33.9214371	28.9475199	218.713241	357.718623	302.437581	Ncf4
ENSMUSG00000019122	9.505355473	3.248740581	6.48E-27	3.04E-25	201.349306	172.999329	187.193962	941.453614	2306.51142	2091.85994	Ccl9
ENSMUSG00000037166	0.306026264	-1.708272619	6.62E-27	3.10E-25	5630.4397	7501.16046	6276.78723	1752.17262	2159.05489	2028.85211	Ppp1r14a
ENSMUSG00000022014	12.74590537	3.671961949	6.74E-27	3.15E-25	40.8990777	30.5292934	36.6668586	265.580364	615.31244	499.480247	Epsti1
ENSMUSG00000040896	0.167041427	-2.581722155	7.05E-27	3.27E-25	418.429026	507.690842	542.28354	67.4228789	70.9975892	108.831705	Kcnd3
ENSMUSG00000091345	13.33587869	3.73724098	7.03E-27	3.27E-25	36.7043005	46.3592974	31.8422719	765.496344	328.591407	433.035627	Col6a5
ENSMUSG00000069792	11.95311266	3.579314449	7.81E-27	3.62E-25	37.7529948	22.6142914	25.0878506	226.935544	379.564035	416.997271	Wfdc17
ENSMUSG00000074971	0.100019376	-3.321648583	8.60E-27	3.97E-25	6076.13477	5978.08793	5592.66085	534.44965	314.938024	917.623115	Fibin
ENSMUSG00000029664	8.889291278	3.152068401	9.41E-27	4.33E-25	23.0712746	22.6142914	18.3334293	204.735327	171.122395	191.314682	Tfpi2
ENSMUSG00000038179	46.09767473	5.526622075	9.72E-27	4.46E-25	9.4382487	3.39214371	3.85966932	204.735327	385.935613	178.713116	Slamf7
ENSMUSG00000078122	14.32392293	3.840354756	1.06E-26	4.87E-25	10.486943	10.1764311	11.579008	161.157125	159.289463	142.054015	F630028O10Rik
ENSMUSG00000003484	16.1916268	4.017176038	1.19E-26	5.45E-25	15.7304145	13.5685748	16.4035946	158.690434	311.297122	272.652062	Cyp4f18
ENSMUSG00000048458	0.310141705	-1.689000557	1.22E-26	5.56E-25	1250.04361	1536.6411	1469.56909	490.049217	395.037868	434.181224	Fam212b
ENSMUSG00000079419	13.41242891	3.745498619	1.35E-26	6.14E-25	32.5095233	13.5685748	26.0527679	285.31389	432.357114	254.322511	Ms4a6c
ENSMUSG00000039936	5.741398343	2.521402154	1.52E-26	6.88E-25	122.697233	146.992894	97.4566504	540.205261	812.831374	751.511565	Pik3cd
ENSMUSG00000054618	0.05100617	-4.293184428	1.53E-26	6.92E-25	132.135482	208.051481	226.755573	12.3334535	8.19202953	8.01917828	Gm9951
ENSMUSG00000050295	0.370603903	-1.432050021	1.62E-26	7.30E-25	2737.09212	3333.34655	3362.7369	1182.36707	1173.28067	1139.86891	Foxc1
ENSMUSG00000029771	8.797773169	3.137138405	1.82E-26	8.16E-25	78.6520725	74.6271616	70.4389651	392.20382	795.53709	781.297084	Irf5
ENSMUSG00000025348	0.347750947	-1.523873653	1.84E-26	8.24E-25	4437.02558	5819.78789	4922.0433	1827.8178	1758.55567	1690.90102	Itga7
ENSMUSG00000030533	0.374700861	-1.416188801	1.86E-26	8.31E-25	2857.69197	3464.50944	3048.17385	1128.92211	1132.32053	1250.99181	Unc45a
ENSMUSG00000031930	0.242096437	-2.046346248	1.96E-26	8.71E-25	9572.48157	14321.6307	12939.5414	2805.44955	2615.9881	3497.50733	Wwp2
ENSMUSG00000021215	0.418296948	-1.257400623	2.03E-26	9.02E-25	6800.78253	7178.90681	6624.15747	2993.74027	2607.79607	3017.50223	Net1
ENSMUSG00000053687	12.12745245	3.600204618	2.12E-26	9.39E-25	17.8278031	16.9607186	17.3685119	168.557197	269.426749	194.751473	Dpep2
ENSMUSG00000040345	9.769909631	3.288345218	2.34E-26	1.03E-24	41.947772	29.3985788	31.8422719	255.713602	450.561624	302.437581	Arhgap9
ENSMUSG00000025473	9.513479682	3.249973123	2.37E-26	1.04E-24	45.0938549	39.57501	30.8773546	289.425041	497.89335	309.311162	Adam8
ENSMUSG00000051506	7.450328664	2.89730407	2.62E-26	1.15E-24	55.5807979	33.9214371	52.1055358	311.625257	435.08779	311.602356	Wdfy4
ENSMUSG00000031963	7.174797434	2.842938101	2.66E-26	1.17E-24	91.2364041	53.1435848	79.1232211	624.072745	402.319672	580.817627	Bmper
ENSMUSG00000021838	0.330166548	-1.598734139	2.99E-26	1.31E-24	3738.59518	4594.0933	4176.16221	1202.1006	1397.19615	1532.80865	Samd4
ENSMUSG00000058099	11.89464693	3.572240544	3.28E-26	1.43E-24	31.460829	19.2221477	40.5265279	261.469213	477.868389	352.843844	Nfam1
ENSMUSG00000022037	0.342598601	-1.545408836	3.60E-26	1.56E-24	13842.7648	14052.5207	14741.0421	5560.74305	4948.89606	4094.36331	Clu
ENSMUSG00000045573	8.12114027	3.021682307	4.48E-26	1.94E-24	302.023958	227.273629	200.702805	2567.00278	1186.93406	2173.19731	Penk
ENSMUSG00000064325	0.157358653	-2.667871579	4.62E-26	2.00E-24	774.985088	783.585197	869.390515	152.934823	150.187208	76.7549921	Hhip
ENSMUSG00000008855	0.401083256	-1.318026355	4.81E-26	2.07E-24	3692.45263	4395.08753	3962.91548	1656.79391	1651.14906	1523.64387	Hdac5
ENSMUSG00000030921	5.512431571	2.462688842	4.81E-26	2.07E-24	233.858829	223.881485	195.878218	832.096993	1459.09148	1311.70845	Trim30a
ENSMUSG00000038178	4.32791378	2.113671758	4.86E-26	2.08E-24	183.521502	158.30004	123.509418	601.050298	733.641755	677.047766	Slc43a2
ENSMUSG00000025154	5.821607379	2.541417545	4.98E-26	2.13E-24	94.382487	61.0585868	63.6845438	370.003604	421.434408	485.733085	Arhgap19

ENSMUSG00000023972	7.739901459	2.952315199	5.63E-26	2.40E-24	47.1912435	26.0064351	39.5616105	305.869646	243.030209	327.640713	Ptk7
ENSMUSG00000058135	0.410780156	-1.283561606	7.24E-26	3.08E-24	9009.33273	9577.15241	8741.1861	3875.17108	3362.37301	3988.9684	Gstm1
ENSMUSG00000021886	31.72596135	4.987591976	7.73E-26	3.27E-24	13.6330259	7.91500199	2.89475199	158.690434	294.913063	315.039147	Gpr65
ENSMUSG00000099398	36.86707933	5.204261223	7.73E-26	3.27E-24	5.2434715	2.26142914	5.78950398	194.868565	168.391718	134.034837	Ms4a14
ENSMUSG00000064262	4.40328281	2.138579507	8.95E-26	3.78E-24	134.23287	101.764311	103.246154	550.072024	506.995605	435.326821	Gimap8
ENSMUSG00000031264	11.46042461	3.518588592	9.36E-26	3.94E-24	17.8278031	13.5685748	21.2281813	157.045974	223.915474	226.828186	Btk
ENSMUSG00000039153	8.455901583	3.079958585	1.12E-25	4.70E-24	25.1686632	42.9671537	21.2281813	250.78022	238.479082	260.050496	Runx2
ENSMUSG00000026335	0.30020447	-1.735982636	1.23E-25	5.16E-24	24424.0902	24932.2563	28808.5718	9471.27002	7160.74403	6831.1943	Pam
ENSMUSG00000058793	0.435877787	-1.198004412	1.33E-25	5.58E-24	5579.05367	6339.9166	6076.08443	2752.82681	2512.22239	2577.59302	Cds2
ENSMUSG00000031749	0.435181266	-1.200311643	1.42E-25	5.92E-24	3143.98551	3419.28086	3591.4223	1454.52528	1449.98923	1515.6247	St3gal2
ENSMUSG00000027834	0.215547132	-2.213924728	1.46E-25	6.08E-24	1682.10566	1465.40608	1434.83207	416.870727	327.681181	240.575349	Serpini1
ENSMUSG00000020709	6.209457025	2.63446712	1.47E-25	6.10E-24	59.7755751	73.4964471	42.4563625	319.025329	361.359525	406.686899	Adap2
ENSMUSG00000022372	15.37658913	3.942663612	1.52E-25	6.28E-24	35.6556062	14.6992894	14.47376	300.114034	436.908241	258.904899	Sla
ENSMUSG00000040966	0.098107553	-3.349491976	1.64E-25	6.76E-24	149.963285	182.045046	149.562186	14.8001441	15.4738336	17.1839535	Slc22a2
ENSMUSG00000018920	5.305595966	2.407514815	2.01E-25	8.26E-24	265.319658	257.802922	272.106687	953.787067	1704.85237	1562.59417	Cxcl16
ENSMUSG00000029919	8.84214121	3.144395775	2.02E-25	8.28E-24	57.6781865	30.5292934	62.7196265	365.892452	406.8708	569.361658	Hpgds
ENSMUSG00000004698	0.246205144	-2.022067192	2.28E-25	9.35E-24	657.531326	820.898778	906.057373	221.179932	193.878032	170.693938	Hdac9
ENSMUSG00000111521	0.310091028	-1.689236312	2.34E-25	9.57E-24	3360.01654	4751.26262	4091.24948	1293.36815	1177.8318	1312.85404	Gm48529
ENSMUSG00000023274	23.38177092	4.547312298	2.45E-25	9.99E-24	9.4382487	5.65357285	4.82458665	127.445686	165.661042	171.839535	Cd4
ENSMUSG00000049988	15.65556272	3.96860346	2.73E-25	1.11E-23	12.5843316	20.3528623	14.47376	157.868204	311.297122	270.360868	Lrrc25
ENSMUSG00000021613	0.047349073	-4.400520015	2.91E-25	1.18E-23	197.154528	148.123609	160.176277	13.1556837	6.37157852	3.43679069	Hapln1
ENSMUSG00000025666	0.364543657	-1.455836497	3.42E-25	1.38E-23	2958.36662	3298.2944	3629.05408	1318.85729	1131.4103	1152.47048	Tmem47
ENSMUSG00000057191	9.087256337	3.183844776	4.30E-25	1.73E-23	30.4121347	37.3135808	21.2281813	204.735327	304.015318	295.564	AB124611
ENSMUSG00000004035	0.139908484	-2.837444649	4.48E-25	1.80E-23	271.611824	245.365062	300.08929	29.6002883	33.6783436	52.6974573	Gstm7
ENSMUSG00000022096	0.407634731	-1.294651119	4.78E-25	1.92E-23	2031.32086	2294.21986	2399.7494	929.12016	899.302797	913.040727	Hr
ENSMUSG00000034255	3.947661263	1.980998202	4.95E-25	1.98E-23	124.794622	93.8493093	106.140906	442.359864	441.459369	398.66772	Arhgap27
ENSMUSG00000033685	4.809866887	2.265996968	5.17E-25	2.06E-23	952.214424	634.330874	642.634942	2782.4271	4015.00469	3925.96057	Ucp2
ENSMUSG00000033306	0.359287852	-1.476787936	5.68E-25	2.26E-23	14352.4302	18006.6295	18699.1329	6392.84004	5782.66262	6169.03929	Lpp
ENSMUSG00000061132	11.26159776	3.493339622	5.92E-25	2.35E-23	26.2173575	15.830004	20.2632639	170.201658	283.080131	250.885721	Blnk
ENSMUSG00000013707	7.47346067	2.901776454	5.98E-25	2.37E-23	36.7043005	36.1828662	36.6668586	205.557558	289.45171	325.349519	Tnfaip8l2
ENSMUSG00000029563	0.26373867	-1.922818976	5.98E-25	2.37E-23	1820.5333	1943.69835	1778.34264	439.893173	405.960574	618.622325	Foxp2
ENSMUSG00000026430	4.317597921	2.110228898	6.54E-25	2.58E-23	69.2138238	73.4964471	74.2986344	283.669429	327.681181	326.495116	Rassf5
ENSMUSG00000002897	3.996452289	1.998719866	7.17E-25	2.82E-23	177.229337	188.829333	173.685119	573.094471	800.998443	783.588278	Il17ra
ENSMUSG00000001128	4.145696892	2.051614639	7.62E-25	2.99E-23	254.832715	299.639361	254.738175	860.052821	1237.90668	1256.7198	Cfp
ENSMUSG00000022484	4.384571355	2.132435809	8.04E-25	3.15E-23	178.278031	148.123609	118.684832	568.983319	659.91349	721.726046	Hoxc10
ENSMUSG00000085069	0.263907193	-1.921897421	8.76E-25	3.42E-23	693.186932	862.735217	911.846877	249.95799	197.518934	202.770651	Gm13111
ENSMUSG00000031494	13.70313985	3.776434596	9.62E-25	3.75E-23	8.3895544	10.1764311	14.47376	163.623816	136.533825	155.801178	Cd209a
ENSMUSG00000002204	19.37198252	4.275899701	1.05E-24	4.08E-23	9.4382487	6.78428742	8.68425597	131.556837	203.890513	148.927597	Napsa
ENSMUSG00000026177	2.8073347	1.489201077	1.05E-24	4.08E-23	274.757907	280.417213	278.861108	767.963035	843.779041	728.599627	Slc11a1
ENSMUSG00000051359	0.337055839	-1.568940476	1.06E-24	4.11E-23	828.468497	952.061668	1014.12811	329.714322	294.913063	317.330341	Ncald
ENSMUSG00000078794	0.331318612	-1.593708845	1.17E-24	4.53E-23	2829.37722	3803.72381	3629.05408	1180.72261	1066.78429	1152.47048	Dact3
ENSMUSG00000037921	7.015268554	2.810498333	1.23E-24	4.74E-23	42.9964663	62.1893014	39.5616105	292.713962	416.88328	301.291984	Ddx60
ENSMUSG00000047648	0.189552408	-2.399331314	1.25E-24	4.80E-23	2281.9588	2628.91138	4238.88183	572.27224	549.776204	612.89434	Fbxo30
ENSMUSG00000026605	7.201718657	2.84834124	1.27E-24	4.89E-23	28.3147461	33.9214371	21.2281813	200.624176	198.42916	198.188263	Cenpf
ENSMUSG00000057614	0.378554593	-1.401426723	1.91E-24	7.32E-23	2257.83883	2351.88631	2450.89002	962.009369	776.422354	934.807068	Gnai1
ENSMUSG00000030123	2.282549292	1.190646016	1.95E-24	7.43E-23	1784.8777	1647.45113	1732.99153	4144.86259	4012.27402	3631.54217	Plxnd1
ENSMUSG00000030087	0.278847642	-1.842451023	1.99E-24	7.59E-23	1588.77186	1404.3475	1280.4453	479.360224	348.616368	362.00862	Klf15
ENSMUSG00000020437	12.27888073	3.618107155	2.04E-24	7.75E-23	44.0451606	53.1435848	20.2632639	372.470294	654.452137	406.686899	Myo1g
ENSMUSG00000038227	2.743200418	1.455860029	2.09E-24	7.94E-23	274.757907	292.855074	254.738175	768.785265	749.115589	735.473208	Hoxa9
ENSMUSG00000098112	13.05335069	3.706348278	2.22E-24	8.38E-23	8.3895544	20.3528623	17.3685119	161.979355	239.389307	199.33386	Bin2
ENSMUSG00000025969	4.125545552	2.044584911	3.31E-24	1.25E-22	699.479098	418.364391	503.686846	2317.04479	2291.03759	2082.69516	Nrp2
ENSMUSG00000050315	0.337782891	-1.565831837	3.57E-24	1.35E-22	14540.1465	17202.6915	17771.8474	5619.12139	6317.87522	4786.30384	Synpo2
ENSMUSG00000025877	11.34767044	3.504324253	4.19E-24	1.57E-22	23.0712746	18.0914331	26.0527679	193.224104	351.347044	221.100201	Hk3
ENSMUSG00000032085	0.352136422	-1.505793642	4.51E-24	1.69E-22	31937.9849	42823.5529	42210.3086	13478.8202	14055.7022	13655.515	Tagln
ENSMUSG00000027858	0.34513694	-1.534759199	5.20E-24	1.94E-22	4676.12788	5157.18915	5818.4515	2044.88658	1742.17161	1613.00043	Tspan2
ENSMUSG00000045328	8.278474264	3.049364901	5.33E-24	1.99E-22	19.9251917	29.3985788	20.2632639	165.268276	206.621189	201.625054	Cenpe
ENSMUSG00000073412	14.63289701	3.871143516	5.63E-24	2.10E-22	24.1199689	15.830004	15.4386773	164.446046	293.092612	353.989441	Lst1
ENSMUSG00000002985	4.159713802	2.056484271	5.85E-24	2.17E-22	11773.6909	7410.70329	7901.70802	35864.0382	33844.9149	42963.3205	Apoe
ENSMUSG00000033066	2.945570919	1.558547288	7.09E-24	2.62E-22	623.973108	662.598738	573.160894	1600.06003	1795.87492	2082.69516	Gas7
ENSMUSG00000024691	4.01565077	2.005633808	8.59E-24	3.17E-22	153.109368	120.986459	174.650037	536.91634	603.479509	666.737394	Fam111a
ENSMUSG00000032118	0.304568387	-1.715161893	8.74E-24	3.22E-22	563.148839	516.736559	605.968083	167.734967	189.326905	155.801178	Fez1
ENSMUSG00000069793	6.456079271	2.690658293	9.26E-24	3.41E-22	55.5807979	55.4050139	43.4212799	249.95799	352.25727	394.085333	Slfn9
ENSMUSG00000024397	13.0194301	3.702594393	1.00E-23	3.67E-22	50.3373264	56.5357285	41.4914452	303.402955	825.574531	800.772231	Aif1
ENSMUSG00000024990	0.223543652	-2.161371515	1.03E-23	3.77E-22	3080.01516	2814.34857	2691.15443	671.762098	446.010496	803.063425	Rbp4
ENSMUSG00000039903	0.242601912	-2.043337176	1.17E-23	4.27E-22	385.919502	448.893684	504.651764	99.4898579	101.945256	124.870062	Eva1c
ENSMUSG00000076431	5.911062029	2.56341736	1.24E-23	4.53E-22	136.330259	157.169325	163.071029	705.473538	741.833785	1254.4286	Sox4
ENSMUSG00000037419	0.353794598	-1.499016076	1.40E-23	5.09E-22	3949.38273	4949.13767	5348.53676	1688.03866	1644.77748	1708.08497	Endod1
ENSMUSG00000101389	8.690354647	3.119415054	1.57E-23	5.70E-22	35.6556062	15.830004	34.7370239	238.446767	229.376827	287.544821	Ms4a4a
ENSMUSG00000090698	3.913530934	1.968470848	1.66E-23	6.00E-22	205.544083	166.215042	205.527391	826.341381	610.761313	824.829766	Apold1
ENSMUSG00000019763	0.296148966	-1.755605045	1.67E-23	6.03E-22	1248.99491	1705.11757	1250.53286	432.493101	418.703731	392.939736	Rmnd1
ENSMUSG00000050288	0.386121643	-1.372872674	1.69E-23	6.08E-22	2053.34344	2530.53921	2410.36349	888.008649	863.804002	949.699828	Fzd2
ENSMUSG00000007207	0.272734602	-1.874430349	1.73E-23	6.23E-22	798.056362	1054.95669	945.618984	297.647343	223.915474	240.575349	Stx1a
ENSMUSG00000027435	3.122411058	1.642660477	1.85E-23	6.65E-22	1294.08877	962.238099	1083.60216	3929.43827	3156.66204	3342.85175	Cd93
ENSMUSG00000049744	7.349354127	2.877617469	2.44E-23	8.75E-22	37.7529948	29.3985788	49.2107838	222.002162	322.219828	316.184744	Arhgap15
ENSMUSG00000002249	0.352148019	-1.505746128	2.87E-23	1.03E-21	2081.65819	2584.81351	2033.08082	754.807351	756.397393	848.887301	Tead3
ENSMUSG00000041577	0.328989131	-1.603888174	2.93E-23	1.05E-21	11456.9852	12426.5531	12940.5063	4862.66958	3442.47285	3807.96409	Prelp
ENSMUSG00000060791	7.183793987	2.844745978	2.98E-23	1.06E-21	53.4834093	54.2742994	55.9652052	259.824753	473.317262	444.491596	Gmfg

ENSMUSG00000028005	0.241525269	-2.049753958	3.56E-23	1.26E-21	3384.13651	3799.20096	4080.63539	1174.967	851.060845	691.940526	Gucy1b1
ENSMUSG00000033880	3.779484409	1.918189438	3.67E-23	1.30E-21	486.594155	419.495106	371.493172	1398.61362	1973.36889	1454.90806	Lgals3bp
ENSMUSG00000031129	4.696023291	2.231439564	3.80E-23	1.34E-21	72.3599067	57.6664431	68.5091305	294.358422	282.169906	358.571829	Slc9a9
ENSMUSG00000029084	6.924235748	2.791654845	3.88E-23	1.37E-21	75.5059896	42.9671537	65.6143785	318.203099	452.382075	508.645023	Cd38
ENSMUSG00000023913	7.89508814	2.980955372	3.93E-23	1.38E-21	167.791088	85.9343073	103.246154	707.117998	1271.58503	840.868123	Pla2g7
ENSMUSG00000039943	0.307067681	-1.70337142	4.27E-23	1.50E-21	6164.22509	6619.20309	6769.85999	2454.35724	1908.74288	1638.20356	Plcb4
ENSMUSG00000074622	3.685603125	1.881900726	4.50E-23	1.58E-21	461.425492	342.606515	305.878794	1230.87865	1417.22111	1442.30649	Mafb
ENSMUSG00000030589	7.405936581	2.888682195	4.67E-23	1.63E-21	51.3860207	31.660008	34.7370239	222.824392	326.770956	324.203922	Rasgrp4
ENSMUSG00000028780	0.381193932	-1.391402939	5.04E-23	1.76E-21	2466.52899	2433.29776	2901.50641	1036.83232	896.572121	1041.34758	Sema3c
ENSMUSG00000053113	3.012202211	1.590818622	5.08E-23	1.77E-21	343.97173	299.639361	405.265279	1009.69872	1065.87406	1088.31705	Socs3
ENSMUSG00000029467	0.344703278	-1.536573075	5.22E-23	1.81E-21	12083.0557	14851.9359	15040.1664	5520.45377	4645.79097	4300.57075	Atp2a2
ENSMUSG00000027102	4.276240635	2.096343039	6.47E-23	2.24E-21	192.959751	139.077892	124.474336	594.472457	725.449726	631.223891	Hoxd8
ENSMUSG00000034947	3.894181703	1.961320202	7.05E-23	2.44E-21	190.862363	182.045046	206.492309	589.539075	825.574531	844.304914	Tmem106a
ENSMUSG00000058624	4.34628426	2.119782534	7.12E-23	2.46E-21	854.685854	495.252982	570.266142	2507.8022	2845.36492	2994.59029	Gda
ENSMUSG00000070691	17.64672476	4.141328538	7.73E-23	2.66E-21	8.3895544	14.6992894	7.71933864	124.156765	189.326905	225.682589	Runx3
ENSMUSG00000003452	0.28013127	-1.83582506	7.84E-23	2.70E-21	592.512279	548.396567	547.108126	188.290723	135.6236	147.782	Bicd1
ENSMUSG00000030798	6.1062426	2.610284909	8.34E-23	2.86E-21	66.0677409	59.9278722	43.4212799	289.425041	425.07531	317.330341	Cd37
ENSMUSG00000028874	11.27584623	3.495163804	8.55E-23	2.93E-21	22.0225803	36.1828662	19.2983466	194.868565	375.012907	299.00079	Fgr
ENSMUSG00000038244	0.357979079	-1.482052818	8.64E-23	2.95E-21	5736.35782	7241.09611	7299.5996	2638.53681	2421.19984	2197.25485	Mical2
ENSMUSG00000049866	5.199781554	2.378451016	8.83E-23	3.01E-21	114.307679	128.901461	163.071029	521.293966	754.576942	840.868123	Arl4c
ENSMUSG00000051748	17.21509819	4.105602505	9.08E-23	3.09E-21	11.5356373	5.65357285	6.75442131	122.512304	131.982698	159.237969	Wfdc21
ENSMUSG00000025017	9.110115423	3.187469333	9.14E-23	3.10E-21	24.1199689	26.0064351	25.0878506	217.891011	297.643739	168.402744	Pik3ap1
ENSMUSG00000008136	2.619053907	1.389045755	9.67E-23	3.28E-21	306.218736	280.417213	296.22962	768.785265	731.821304	813.373797	Fhl2
ENSMUSG00000016382	0.306997849	-1.703699547	1.15E-22	3.87E-21	23511.7262	26889.5232	28977.4323	9848.6737	7749.65993	6768.18647	Pls3
ENSMUSG00000022150	2.686015331	1.425467539	1.37E-22	4.62E-21	1250.04361	1062.8717	1133.77786	3114.60811	2712.472	3433.3539	Dab2
ENSMUSG00000017344	4.216262407	2.075964659	1.40E-22	4.71E-21	66.0677409	70.1043034	69.4740478	296.002883	312.207348	257.759302	Vtn
ENSMUSG00000040152	5.772876842	2.529290447	1.41E-22	4.73E-21	1267.87141	2574.63708	2544.487	14167.0269	11039.2149	11664.4676	Thbs1
ENSMUSG00000041219	5.234296273	2.387995586	1.44E-22	4.84E-21	45.0938549	50.8821557	54.0353705	242.557918	306.745995	235.992961	Arhgap11a
ENSMUSG00000048330	0.254669925	-1.973299501	1.45E-22	4.85E-21	372.286476	386.704383	412.0197	116.756693	97.3941288	82.4829766	Ric3
ENSMUSG00000055172	2.179033024	1.123688061	1.48E-22	4.95E-21	1414.68861	1339.89677	1448.34091	3230.54257	2879.04327	3049.57894	C1ra
ENSMUSG00000003644	4.401023737	2.137839153	1.61E-22	5.35E-21	96.4798756	94.9800239	70.4389651	335.469934	423.254859	391.794139	Rps6ka1
ENSMUSG00000052688	4.308951903	2.107336995	1.72E-22	5.72E-21	253.784021	257.802922	252.808341	806.607856	1120.48759	1368.98829	Rab7b
ENSMUSG00000021091	4.238605591	2.083589728	1.79E-22	5.92E-21	866.221492	672.775169	721.758163	4161.3072	2885.41484	2534.06034	Serpina3n
ENSMUSG00000028583	3.456517927	1.789319408	1.78E-22	5.92E-21	339.776953	283.809357	374.387924	967.764981	1188.75451	1297.96129	Pdpn
ENSMUSG00000021322	10.62114136	3.408866904	1.98E-22	6.54E-21	18.8764974	11.3071457	18.3334293	138.956909	205.710964	174.130728	Aoah
ENSMUSG00000030745	35.1128934	5.133928978	1.99E-22	6.57E-21	4.1947772	7.91500199	3.85966932	105.245469	226.64615	222.245798	Il21r
ENSMUSG00000029925	7.760866432	2.956217726	2.03E-22	6.67E-21	35.6556062	28.2678643	29.9124372	193.224104	313.117573	222.245798	Tbxas1
ENSMUSG00000026821	2.940049378	1.555840385	2.04E-22	6.71E-21	338.728259	267.979353	264.387349	870.741814	841.048365	848.887301	Ralgds
ENSMUSG00000037860	10.36018358	3.372977662	2.49E-22	8.16E-21	20.973886	16.9607186	16.4035946	144.712521	239.389307	178.713116	Aim2
ENSMUSG00000039031	3.077919458	1.62195548	3.08E-22	1.01E-20	173.034559	159.430754	166.930698	467.849001	552.50688	517.809798	Arhgap18
ENSMUSG00000039316	3.153613166	1.657005705	3.37E-22	1.10E-20	235.956217	205.790052	214.211647	601.872529	702.694088	766.404325	Rftn1
ENSMUSG00000024538	3.173802879	1.666212527	3.45E-22	1.12E-20	1050.79169	1110.36171	1422.28814	3888.32676	3285.91407	4203.19502	Ppic
ENSMUSG00000031328	0.30586536	-1.709031367	3.50E-22	1.14E-20	170893.126	218312.716	167345.613	66875.2736	55508.2819	47843.5632	Flna
ENSMUSG00000006344	4.698942933	2.232336247	3.72E-22	1.21E-20	177.229337	157.169325	143.772682	582.139003	701.783863	964.592588	Ggt5
ENSMUSG00000071713	6.321382992	2.660240226	3.98E-22	1.29E-20	218.128414	115.332886	129.298922	739.184977	1135.96143	1051.65795	Csf2rb
ENSMUSG00000005836	0.419950501	-1.251708805	4.19E-22	1.35E-20	1144.12548	1255.09317	1288.16464	524.582887	531.571694	491.461069	Gata6
ENSMUSG00000001870	0.321310412	-1.637960364	4.45E-22	1.44E-20	9854.58033	13095.9362	13201.034	4440.86547	3656.37585	3516.98248	Ltbp1
ENSMUSG00000042613	0.342786671	-1.544617081	4.70E-22	1.51E-20	16954.2407	20508.9009	19884.0514	5435.76405	6828.51172	7395.97357	Pbxip1
ENSMUSG00000037855	0.28663126	-1.802732134	4.93E-22	1.59E-20	628.167886	563.095856	465.090153	161.979355	162.02014	150.073194	Zfp365
ENSMUSG00000062209	0.080016062	-3.643566558	5.05E-22	1.62E-20	174.083254	115.332886	173.685119	9.04453253	13.6533825	14.8927597	Erbb4
ENSMUSG00000005413	6.791598678	2.763751211	5.20E-22	1.67E-20	185.618891	130.032176	162.106112	666.828717	1135.96143	1445.74328	Hmox1
ENSMUSG00000007888	4.105156884	2.037437357	5.63E-22	1.80E-20	213.933637	314.338651	279.826026	1054.09916	930.250464	1333.47479	Crlf1
ENSMUSG00000022358	0.359645097	-1.475354158	5.64E-22	1.80E-20	3082.11255	3462.24801	4172.30254	1213.61182	1320.7372	1320.87322	Fbxo32
ENSMUSG00000031387	3.573975209	1.837529627	5.74E-22	1.83E-20	116.405067	115.332886	96.491733	356.84792	414.152604	400.958914	Renbp
ENSMUSG00000026222	3.730908117	1.89952683	5.87E-22	1.86E-20	544.272342	453.416543	380.177428	1451.23636	2032.53355	1655.38752	Sp100
ENSMUSG00000031740	4.5973586	2.200805203	5.86E-22	1.86E-20	3056.94388	2684.31639	2834.92712	17700.1502	9114.08796	12613.0218	Mmp2
ENSMUSG00000052512	0.239788698	-2.060164431	6.03E-22	1.91E-20	1100.08032	1774.09116	1497.5517	315.736408	406.8708	325.349519	Nav2
ENSMUSG00000040229	6.437341291	2.686464959	6.99E-22	2.21E-20	29.3634404	28.2678643	26.0527679	174.312809	162.930365	201.625054	Gpr34
ENSMUSG00000027827	0.284507968	-1.813459037	8.85E-22	2.79E-20	2743.38429	3355.96084	4168.44287	1087.81059	973.031063	859.197673	Kcnab1
ENSMUSG00000089809	5.766866082	2.527787521	8.87E-22	2.79E-20	39.8503834	32.7907225	40.5265279	185.001802	228.466601	241.720945	Rasgef1b
ENSMUSG00000034353	0.251329363	-1.992348862	9.98E-22	3.13E-20	1984.12962	2859.57715	2883.17298	520.471736	671.746421	751.511565	Ramp1
ENSMUSG00000031165	8.053626904	3.009638639	1.02E-21	3.20E-20	33.5582176	23.745006	18.3334293	177.60173	238.479082	191.314682	Was
ENSMUSG00000039982	3.877997203	1.955311763	1.05E-21	3.28E-20	218.128414	246.495776	256.66801	746.585049	901.123248	1152.47048	Dtx4
ENSMUSG00000040483	3.48804038	1.802416742	1.05E-21	3.29E-20	209.73886	197.87505	177.544789	566.516629	775.512129	698.814108	Xaf1
ENSMUSG00000035373	18.41053023	4.202459272	1.06E-21	3.30E-20	30.4121347	29.3985788	52.1055358	284.49166	678.118	1105.50101	Ccl7
ENSMUSG00000039462	215.280312	7.750072577	1.06E-21	3.31E-20	7.3408601	1.13071457	4.82458665	1575.39312	436.908241	874.090433	Col10a1
ENSMUSG00000039621	3.718612461	1.894764404	1.08E-21	3.35E-20	210.787554	159.430754	202.632639	630.650587	838.317688	663.300604	Prex1
ENSMUSG00000060063	6.828991447	2.771672527	1.33E-21	4.12E-20	152.060673	140.208607	121.579584	564.872168	1277.95661	982.922138	Alox5ap
ENSMUSG00000000204	62.89005798	5.974760061	1.34E-21	4.14E-20	6.2921658	3.39214371	7.71933864	137.312448	719.988373	247.44893	Slfn4
ENSMUSG00000028949	0.296720954	-1.752821285	1.45E-21	4.47E-20	2744.43298	3561.7509	2730.71604	856.7639	1061.32294	761.821937	Smarcd3
ENSMUSG00000020121	5.991546914	2.58292853	1.74E-21	5.37E-20	35.6556062	39.57501	49.2107838	253.246911	202.980287	292.127209	Srgap1
ENSMUSG00000025780	2.682435165	1.423543301	1.81E-21	5.56E-20	802.251139	737.2259	664.828041	2153.42097	1739.44094	2018.54173	Itih5
ENSMUSG00000020399	45.84297738	5.518628841	1.82E-21	5.57E-20	1.0486943	4.52285828	3.85966932	121.690074	182.955326	126.015659	Havcr2
ENSMUSG00000052056	3.423323642	1.775397692	1.83E-21	5.59E-20	199.251917	149.254323	143.772682	568.983319	544.314851	571.652852	Zfp217
ENSMUSG00000001506	4.152123756	2.053849445	1.87E-21	5.72E-20	25349.0386	26221.2709	31120.5137	108555.768	84211.3329	150579.547	Col1a1
ENSMUSG00000016087	2.567540224	1.360386879	1.89E-21	5.78E-20	319.851761	279.286499	327.106975	787.696561	781.883707	811.082604	Fli1
ENSMUSG00000037902	4.8560911	2.279795487	2.51E-21	7.63E-20	763.44945	687.474459	825.969235	2389.40105	3972.2241	4699.23847	Sirpa

ENSMUSG00000026421	0.368977464	-1.43839539	2.83E-21	8.62E-20	36589.9928	50493.1898	44131.459	15085.458	16549.7201	16780.7034	Csrp1
ENSMUSG00000027035	3.768787067	1.914100286	2.92E-21	8.85E-20	118.502456	104.02574	142.807765	427.55972	517.918311	434.181224	Cers6
ENSMUSG00000037868	4.352827001	2.121952683	2.99E-21	9.05E-20	69.2138238	104.02574	79.1232211	334.647704	356.808397	405.541302	Egr2
ENSMUSG00000031101	10.20684438	3.351464997	3.06E-21	9.24E-20	17.8278031	22.6142914	20.2632639	145.534751	273.067651	200.479457	Sash3
ENSMUSG00000099757	14.2467254	3.83255845	3.38E-21	1.02E-19	10.486943	10.1764311	8.68425597	110.178851	172.942846	134.034837	BE692007
ENSMUSG00000002020	3.196029275	1.676280623	3.41E-21	1.03E-19	1167.19676	1448.44536	1218.69059	4903.78109	3931.26395	3415.02435	Ltbp2
ENSMUSG00000039410	0.316688186	-1.658865046	4.06E-21	1.22E-19	1397.9095	1964.05121	1677.02632	575.561161	472.407036	547.595317	Prdm16
ENSMUSG00000055805	6.251075273	2.644104375	4.10E-21	1.23E-19	87.0416269	81.4114491	53.0704532	403.715043	602.569283	374.610186	Fmnl1
ENSMUSG00000002668	9.283014788	3.214593417	4.15E-21	1.24E-19	33.5582176	24.8757205	16.4035946	171.023888	273.067651	248.594527	Dennd1c
ENSMUSG00000028883	0.24759155	-2.013966015	4.55E-21	1.36E-19	507.568041	433.06368	644.564777	124.978995	143.815629	123.724465	Sema3a
ENSMUSG00000020218	0.054533035	-4.196725747	5.46E-21	1.63E-19	214.982331	288.332215	406.230196	9.86676276	9.10225503	32.0767131	Wif1
ENSMUSG00000048572	0.446401622	-1.163585824	6.02E-21	1.79E-19	2233.71886	2287.43558	2330.27535	933.231311	1108.65466	1017.29005	Tmem252
ENSMUSG00000049130	8.673820976	3.116667667	6.04E-21	1.80E-19	58.7268808	36.1828662	56.9301225	268.869285	473.317262	579.67203	C5ar1
ENSMUSG00000028031	6.696438867	2.743394081	6.07E-21	1.80E-19	175.131948	117.594315	94.5618984	655.317494	766.409874	1171.94563	Dkk2
ENSMUSG00000038319	0.321213993	-1.638393352	6.70E-21	1.99E-19	2227.42669	3218.01367	2488.5218	911.853325	788.255286	847.741704	Kcnh2
ENSMUSG00000028373	0.200895879	-2.315480121	7.19E-21	2.13E-19	393.260362	375.397237	418.774121	103.601009	56.4339812	77.900589	Astn2
ENSMUSG00000047810	8.562067536	3.097959215	7.27E-21	2.15E-19	37.7529948	47.490012	27.0176853	215.42432	413.242378	328.78631	Ccdc88b
ENSMUSG00000027208	3.041821597	1.604935541	7.98E-21	2.35E-19	273.709212	323.384367	320.352554	1078.76606	851.060845	859.197673	Fgf7
ENSMUSG00000036411	0.208806555	-2.259761095	8.28E-21	2.44E-19	271.611824	332.430084	318.422719	74.0007207	70.0873637	46.9694728	9530077C05Rik
ENSMUSG00000031934	6.291854419	2.65348529	8.81E-21	2.59E-19	56.6294922	41.8364391	66.5792958	254.069141	376.833358	412.414883	Panx1
ENSMUSG00000021892	2.910689709	1.541361051	9.15E-21	2.68E-19	456.18202	390.096527	357.98433	1044.23239	1165.08864	1296.81569	Sh3bp5
ENSMUSG00000026469	0.332688542	-1.587755916	1.03E-20	3.02E-19	2483.3081	2579.15993	3140.80591	1054.09916	892.931218	780.151487	Xpr1
ENSMUSG00000052776	12.23511471	3.612955722	1.05E-20	3.06E-19	30.4121347	31.660008	30.8773546	181.712881	496.983125	459.384356	Oas1a
ENSMUSG00000030223	9.360482527	3.226582902	1.05E-20	3.08E-19	33.5582176	14.6992894	24.1229333	182.535111	285.810808	211.935426	Ptpro
ENSMUSG00000030263	5.395677387	2.431804091	1.10E-20	3.19E-19	56.6294922	50.8821557	43.4212799	246.669069	332.232309	233.701767	Lrmp
ENSMUSG00000035385	15.57387203	3.961055772	1.10E-20	3.20E-19	16.7791088	20.3528623	27.9826026	167.734967	342.244789	508.645023	Ccl2
ENSMUSG00000089929	44.96888999	5.490855368	1.11E-20	3.23E-19	3.1460829	5.65357285	3.85966932	92.0897858	268.516523	205.061845	Bcl2a1b
ENSMUSG00000000392	3.965437252	1.987479955	1.14E-20	3.31E-19	274.757907	246.495776	293.334868	1319.67952	807.370021	1104.35541	Fap
ENSMUSG00000030047	6.727193911	2.750004844	1.15E-20	3.33E-19	51.3860207	30.5292934	36.6668586	207.202018	314.938024	277.234449	Arhgap25
ENSMUSG00000031409	0.003595147	-8.119733653	1.20E-20	3.45E-19	209.73886	283.809357	296.22962	0	0.9102255	2.2911938	Tceal6
ENSMUSG00000056737	2.363230426	1.240760306	1.26E-20	3.63E-19	940.678787	867.258075	903.162621	1924.01874	2342.01022	2142.2662	Capg
ENSMUSG00000022817	0.362190543	-1.465179216	1.29E-20	3.72E-19	9550.45899	11596.6086	12690.5927	4183.50741	3609.04412	4464.39111	Itgb5
ENSMUSG00000079334	0.328271968	-1.607036537	1.36E-20	3.91E-19	1225.92364	1374.94892	1477.28843	383.159287	427.805986	530.411364	Nat6
ENSMUSG00000042129	3.759089776	1.910383371	1.38E-20	3.95E-19	211.836249	255.541493	289.475199	844.430447	1160.53752	840.868123	Rassf4
ENSMUSG00000044350	6.980798436	2.803392056	1.58E-20	4.52E-19	58.7268808	33.9214371	40.5265279	332.181013	370.46178	226.828186	Lacc1
ENSMUSG00000015396	8.246747739	3.043825277	1.78E-20	5.07E-19	30.4121347	30.5292934	44.3861972	190.757413	325.86073	356.280635	Cd83
ENSMUSG00000036412	6.416526536	2.681792533	1.79E-20	5.09E-19	83.895544	38.4442954	76.2284691	376.581445	402.319672	500.625844	Arsi
ENSMUSG00000027715	5.073416377	2.342957568	2.16E-20	6.13E-19	51.3860207	52.0128702	59.8248745	217.891011	312.207348	300.146387	Ccna2
ENSMUSG00000022836	0.441016504	-1.181095449	2.25E-20	6.39E-19	33220.538	40635.6202	36311.769	16649.3399	15067.873	16868.9143	Mylk
ENSMUSG00000026043	3.832858381	1.938420693	2.26E-20	6.41E-19	39199.1442	43176.3359	51064.39	218557.84	128349.988	164548.956	Col3a1
ENSMUSG00000091387	8.231192684	3.04110149	2.26E-20	6.41E-19	19.9251917	35.0521517	27.9826026	292.713962	208.44164	178.713116	Gcnt4
ENSMUSG00000054728	0.231459145	-2.111170532	2.36E-20	6.67E-19	1773.34206	1588.65397	1451.23566	275.447127	339.514113	501.771441	Phactr1
ENSMUSG00000027995	3.193462756	1.675121625	2.85E-20	8.04E-19	160.450228	159.430754	151.492021	458.804469	577.082969	468.549131	Tlr2
ENSMUSG00000012443	7.3803097	2.883681357	2.93E-20	8.24E-19	18.8764974	29.3985788	22.1930986	174.312809	197.518934	145.490806	Kif11
ENSMUSG00000054717	3.238407378	1.695284482	3.03E-20	8.52E-19	195.05714	221.620056	222.895903	581.316773	791.896188	698.814108	Hmgb2
ENSMUSG00000022463	0.435185678	-1.200297017	3.04E-20	8.53E-19	2115.2164	2117.82839	1893.1678	812.363468	911.135729	943.971844	Srebf2
ENSMUSG00000021676	4.908387385	2.295249116	3.06E-20	8.57E-19	95.4311813	63.3200159	60.7897918	415.226266	322.219828	339.096682	Iqgap2
ENSMUSG00000042812	0.118547674	-3.076460743	3.36E-20	9.40E-19	276.855295	344.867944	287.545364	21.377986	30.9476671	57.2798449	Foxf1
ENSMUSG00000023947	4.96619787	2.312141744	3.58E-20	9.98E-19	53.4834093	53.1435848	70.4389651	240.091227	338.603887	303.583178	Nfkbie
ENSMUSG00000070423	3.303843613	1.724145399	3.59E-20	9.99E-19	149.963285	142.470036	113.860245	456.337778	416.88328	467.403534	Olfr558
ENSMUSG00000060131	11.05258861	3.466312396	3.62E-20	1.01E-18	11.5356373	21.4835768	8.68425597	138.134679	171.122395	145.490806	Atp8b4
ENSMUSG00000029408	0.305604278	-1.710263354	3.87E-20	1.07E-18	536.931481	629.808016	512.371102	175.957269	146.546306	191.314682	Abcb9
ENSMUSG00000063193	22.0183737	4.460636009	3.88E-20	1.07E-18	12.5843316	11.3071457	0.96491733	143.89029	215.723444	177.567519	Cd300lb
ENSMUSG00000021624	22.23455592	4.474731686	4.03E-20	1.11E-18	8.3895544	3.39214371	10.6140906	124.156765	245.760886	135.180434	Cd180
ENSMUSG00000024885	4.330789016	2.11462989	4.13E-20	1.14E-18	79.7007668	93.8493093	67.5442131	289.425041	375.012907	378.046976	Aldh3b1
ENSMUSG00000026207	0.305972399	-1.708526579	4.42E-20	1.22E-18	7223.40634	10223.9211	7190.56395	2419.00134	2871.76146	2246.51552	Speg
ENSMUSG00000034317	4.658455992	2.219851864	5.07E-20	1.40E-18	38.8016891	48.6207265	52.1055358	220.357702	204.800738	225.682589	Trim59
ENSMUSG00000029561	6.429658172	2.68474204	5.15E-20	1.42E-18	219.177109	283.809357	183.334293	870.741814	1897.82017	1641.64035	Oasl2
ENSMUSG00000021390	0.323136396	-1.62978484	5.47E-20	1.50E-18	19593.8043	22117.9077	23959.8622	8779.7744	6090.31884	6348.89801	Ogn
ENSMUSG00000023169	0.298963879	-1.741956908	5.58E-20	1.53E-18	557.905367	712.350179	714.038824	180.06842	228.466601	184.441101	Slc38a1
ENSMUSG00000021281	4.418748619	2.143637859	6.00E-20	1.64E-18	207.641471	267.979353	233.509994	735.896056	1272.49525	1124.97615	Tnfaip2
ENSMUSG00000062591	0.349589057	-1.516268068	6.39E-20	1.75E-18	656.482632	619.631584	549.037961	194.046334	214.813219	230.264976	Tubb4a
ENSMUSG00000074785	6.373606511	2.672109954	6.47E-20	1.76E-18	35.6556062	22.6142914	33.7721066	203.913097	219.364346	164.965953	Plxnc1
ENSMUSG00000005672	4.286935587	2.09994674	6.72E-20	1.83E-18	78.6520725	57.6664431	60.7897918	266.402595	264.875621	315.039147	Kit
ENSMUSG00000029658	0.083702944	-3.578577823	7.01E-20	1.90E-18	168.839782	289.46293	317.457802	11.5112232	30.9476671	22.911938	Wdr95
ENSMUSG00000069601	4.86861705	2.283512027	7.58E-20	2.05E-18	160.450228	117.594315	108.070741	460.448929	719.988373	699.959704	Ank3
ENSMUSG00000069662	5.95244294	2.573481886	7.76E-20	2.10E-18	1508.0224	1084.35527	1287.19972	4844.58052	6922.26495	11329.9533	Marcks
ENSMUSG00000030761	4.337414765	2.116835408	8.00E-20	2.16E-18	200.300611	274.763641	192.983466	1231.70089	855.611973	805.354619	Myo7a
ENSMUSG00000032020	7.370479231	2.881758427	8.65E-20	2.33E-18	61.8729637	36.1828662	50.1757012	240.913457	401.409447	453.656371	Ubash3b
ENSMUSG00000064267	9.298615995	3.217016002	8.67E-20	2.33E-18	36.7043005	22.6142914	46.3160319	213.77986	435.998016	337.951085	Hvcn1
ENSMUSG00000027111	4.005315951	2.001916051	9.43E-20	2.54E-18	446.743772	284.940072	359.914164	1731.61687	1470.92441	1169.65443	Itga6
ENSMUSG00000029552	0.364806663	-1.454796016	9.53E-20	2.56E-18	1475.51288	1883.77047	1979.04544	682.451091	615.31244	649.553441	Tes
ENSMUSG00000078117	0.049528631	-4.335593446	1.06E-19	2.85E-18	174.083254	141.339321	167.895615	6.57784184	15.4738336	1.1455969	Gm16485
ENSMUSG00000078716	0.373181585	-1.4220503	1.09E-19	2.93E-18	513.860207	547.265852	573.160894	208.024248	189.326905	213.081023	Tmem8b
ENSMUSG00000020101	3.060157518	1.613605916	1.12E-19	2.98E-18	838.95544	599.278722	674.477214	1921.55205	2448.5066	2096.44232	Vsir
ENSMUSG00000030774	4.231011198	2.081002504	1.13E-19	3.00E-18	125.843316	116.463601	106.140906	393.02605	614.402215	466.257937	Pak1
ENSMUSG00000029380	5.346353397	2.418555204	1.15E-19	3.06E-18	57.6781865	55.4050139	68.5091305	268.869285	283.990357	421.579658	Cxcl1

ENSMUSG00000022272	2.689775877	1.427485967	1.22E-19	3.24E-18	395.357751	356.17509	399.475775	1148.65563	1045.8491	900.439162	Myo10
ENSMUSG00000040751	8.458062132	3.080327158	1.23E-19	3.28E-18	23.0712746	30.5292934	21.2281813	161.157125	281.25968	187.877891	Lat2
ENSMUSG00000059326	4.197454769	2.069514779	1.25E-19	3.31E-18	181.424114	197.87505	169.82545	724.384833	991.235573	586.545612	Csf2ra
ENSMUSG00000098098	0.270938409	-1.883963167	1.40E-19	3.71E-18	3285.55924	4830.41264	3298.08744	1197.98945	1045.8491	846.596107	Bvht
ENSMUSG00000038305	0.363293031	-1.460794402	1.45E-19	3.84E-18	970.042227	1243.78603	1258.2522	431.670871	431.446888	397.522123	Spats2l
ENSMUSG00000031849	2.967214633	1.569109288	1.55E-19	4.09E-18	948.019647	970.153101	1220.62042	3314.41006	2588.68133	3413.87875	Comp
ENSMUSG00000024578	0.043073328	-4.537061406	1.75E-19	4.61E-18	110.112901	134.555034	110.000576	5.75561161	0.9102255	9.16477518	Il17b
ENSMUSG00000005124	4.910000594	2.295723199	1.97E-19	5.17E-18	169.888477	287.201501	243.159167	1049.16577	905.674376	1483.54798	Wisp1
ENSMUSG00000036553	4.177321358	2.062578133	2.10E-19	5.51E-18	133.184176	80.2807345	109.035658	449.759936	497.89335	400.958914	Sh3tc1
ENSMUSG00000011171	0.278598487	-1.84374067	2.18E-19	5.70E-18	311.462207	330.168655	354.12466	102.778779	77.3691678	97.3757363	Vipr2
ENSMUSG00000052727	0.373659678	-1.420203206	2.30E-19	6.01E-18	14147.9348	15543.9332	13889.0201	4930.91469	4819.64404	6536.7759	Map1b
ENSMUSG00000020846	3.221167855	1.687583841	2.38E-19	6.20E-18	660.677409	496.383696	489.213086	1556.48183	1674.81493	2073.53038	Rflnb
ENSMUSG00000073491	45.1967537	5.498147248	2.46E-19	6.41E-18	7.3408601	3.39214371	3.85966932	84.6897137	342.244789	233.701767	Ifi213
ENSMUSG00000061353	2.41872316	1.274245652	2.51E-19	6.54E-18	4445.41514	3675.95307	4257.21526	9305.17952	9398.98854	11240.5968	Cxcl12
ENSMUSG00000030844	4.001518878	2.000547715	2.68E-19	6.96E-18	170.937171	163.953613	164.035946	493.338138	690.861157	814.519394	Rgs10
ENSMUSG00000024818	3.911245583	1.967628124	2.96E-19	7.67E-18	99.6259585	83.6728782	67.5442131	305.869646	349.526593	324.203922	Slc25a45
ENSMUSG00000024030	6.079184167	2.603877725	2.97E-19	7.69E-18	163.596311	89.326451	75.2635518	578.850082	773.691678	641.534263	Abcg1
ENSMUSG00000057880	0.348117991	-1.522351719	2.97E-19	7.69E-18	996.259585	944.146666	1009.30353	409.470655	298.553965	317.330341	Abat
ENSMUSG00000040714	0.146879522	-2.76729483	3.30E-19	8.52E-18	181.424114	222.75077	242.19425	39.4670511	20.0249611	35.5135038	Klc3
ENSMUSG00000043259	0.290463246	-1.783572471	3.48E-19	8.98E-18	982.626559	1247.17817	1260.18203	407.826194	332.232309	271.506465	Fam13c
ENSMUSG00000028469	0.364076014	-1.457688398	3.52E-19	9.07E-18	2790.57553	3353.69942	2742.29505	1255.54556	1023.09347	954.282216	Npr2
ENSMUSG00000027316	0.267489748	-1.902444495	4.08E-19	1.05E-17	343.97173	454.547257	437.107551	97.0231672	106.496384	128.306853	Gfra4
ENSMUSG00000022332	0.431621386	-1.212161746	4.20E-19	1.08E-17	1562.55451	1715.294	1601.76277	676.69548	648.990784	782.442681	Khdrbs3
ENSMUSG00000031438	29.63190457	4.889079452	4.44E-19	1.14E-17	7.3408601	15.830004	7.71933864	114.290002	508.816056	285.253628	Rnf128
ENSMUSG00000024590	4.179993935	2.063500849	4.56E-19	1.17E-17	92.2850984	87.0650219	100.351402	300.936264	424.165084	446.78279	Lmnb1
ENSMUSG00000033427	0.136600476	-2.871965584	4.67E-19	1.19E-17	145.768508	186.567904	188.158879	16.4446046	30.9476671	24.0575349	Upb1
ENSMUSG00000035064	0.444832186	-1.168666917	4.73E-19	1.21E-17	3376.79565	3965.416	3339.57888	1668.30514	1596.53553	1484.69358	Eef2k
ENSMUSG00000029335	0.209575799	-2.254455965	4.85E-19	1.24E-17	518.054984	439.847968	390.791519	99.4898579	117.41909	64.1534263	Bmp3
ENSMUSG00000026480	5.082449292	2.345523916	4.88E-19	1.24E-17	174.083254	168.476471	143.772682	542.671952	1078.61722	850.032898	Ncf2
ENSMUSG00000019843	2.380681976	1.25137491	4.95E-19	1.26E-17	536.931481	437.586539	504.651764	1217.72297	1137.78188	1167.36324	Fyn
ENSMUSG00000024696	10.13380949	3.341104708	5.00E-19	1.27E-17	27.2660518	22.6142914	18.3334293	137.312448	263.96396	289.836015	Lpxn
ENSMUSG00000031380	0.413413255	-1.274343449	5.49E-19	1.39E-17	1053.93777	1097.92385	983.25076	448.115476	386.845839	461.67555	Vegfd
ENSMUSG00000022901	7.445953112	2.896456531	5.67E-19	1.43E-17	35.6556062	37.3135808	25.0878506	165.268276	284.900582	278.380046	Cd86
ENSMUSG00000030098	0.270483652	-1.886386696	5.88E-19	1.48E-17	2159.26156	3718.92022	2777.03208	707.117998	780.063256	854.615286	Grip2
ENSMUSG00000033192	5.610768996	2.488198516	5.92E-19	1.49E-17	71.3112124	42.9671537	56.9301225	288.602811	405.050349	268.069674	Lpcat2
ENSMUSG00000036565	2.406661579	1.267033286	6.49E-19	1.63E-17	639.703523	618.50087	552.89763	1467.68096	1313.4554	1577.48693	Ttyh3
ENSMUSG00000039953	0.422142572	-1.244197765	6.54E-19	1.64E-17	6365.5744	6413.41304	6625.12239	3167.23085	2436.67367	2585.6122	Clstn1
ENSMUSG00000002012	0.311372665	-1.683285799	6.62E-19	1.66E-17	1008.84392	1498.19681	1081.67233	366.714683	371.372005	379.192573	Pnck
ENSMUSG00000031673	5.194558969	2.377001266	6.65E-19	1.66E-17	264.270964	388.965812	352.194826	2460.11285	1273.40548	1486.98477	Cdh11
ENSMUSG00000001123	2.761097879	1.465242031	6.68E-19	1.67E-17	395.357751	362.959377	407.195113	1123.16649	1192.39541	901.584758	Lgals9
ENSMUSG00000037003	0.48317334	-1.04938724	6.68E-19	1.67E-17	8688.43227	9751.28245	8830.92341	4370.15367	4101.47612	4706.11206	Tns2
ENSMUSG00000035279	4.198138436	2.069749741	6.96E-19	1.73E-17	290.488321	273.632926	248.948671	1174.967	794.626864	1444.59769	Ssc5d
ENSMUSG00000054404	4.064123543	2.022944259	7.34E-19	1.83E-17	2308.17615	1625.96755	2094.83552	5800.01204	8482.39146	10224.4523	Slfn5
ENSMUSG00000032224	0.306854247	-1.704374545	7.41E-19	1.84E-17	578.879253	651.291592	807.635806	195.690795	198.42916	232.55617	Fam81a
ENSMUSG00000024810	2.913888505	1.542945676	7.73E-19	1.92E-17	832.663274	634.330874	707.284403	2435.44594	2084.4164	1814.62549	Il33
ENSMUSG00000031304	5.159399004	2.367203022	7.84E-19	1.94E-17	122.697233	100.633597	75.2635518	387.270438	640.798754	510.936216	Il2rg
ENSMUSG00000027796	0.195104519	-2.3576809	7.90E-19	1.95E-17	224.42058	286.070786	357.98433	63.3117277	57.3442067	48.1150697	Smad9
ENSMUSG00000040061	15.68126221	3.970969784	8.21E-19	2.03E-17	14.6817202	9.04571656	4.82458665	118.401153	196.608709	129.452449	Plcb2
ENSMUSG00000018819	2.572051706	1.362919645	9.29E-19	2.29E-17	1236.41058	1519.68038	1375.97211	3245.34272	3303.20835	4080.61615	Lsp1
ENSMUSG00000036469	8.70464856	3.121786052	9.64E-19	2.37E-17	39.8503834	20.3528623	14.47376	208.024248	238.479082	201.625054	1-Mar
ENSMUSG00000014592	0.397923943	-1.329435387	1.12E-18	2.75E-17	772.887699	747.402331	762.284691	266.402595	325.86073	317.330341	Camta1
ENSMUSG00000047798	73.81248716	6.205792998	1.30E-18	3.19E-17	4.1947772	1.13071457	0.96491733	94.5564765	204.800738	163.820356	Cd300lf
ENSMUSG00000003949	0.314323518	-1.669677875	1.33E-18	3.25E-17	1936.93837	2023.97908	1617.20145	713.69584	561.609135	475.422713	Hlf
ENSMUSG00000022500	3.094171559	1.62955319	1.35E-18	3.31E-17	492.886321	529.174419	564.476638	1281.85693	1710.31372	1920.0204	Litaf
ENSMUSG00000024593	9.738451282	3.283692357	1.38E-18	3.37E-17	9.4382487	11.3071457	19.2983466	144.712521	119.239541	129.452449	Megf10
ENSMUSG00000031340	0.18540554	-2.431243744	1.39E-18	3.39E-17	1045.54822	1064.00241	592.459241	214.60209	141.995178	143.199612	Gabre
ENSMUSG00000026305	0.370755576	-1.431459705	1.63E-18	3.96E-17	6771.41909	8580.99287	8840.57258	2661.55926	3404.24338	2904.08814	Lrrfip1
ENSMUSG00000072620	6.478057278	2.695561224	1.69E-18	4.12E-17	223.371886	177.522188	251.843423	760.562963	1760.37612	1711.52177	Slfn2
ENSMUSG00000003518	0.497474758	-1.00730477	1.74E-18	4.23E-17	4145.48857	4520.59685	4311.25063	2103.26493	2311.06255	2040.30807	Dusp3
ENSMUSG00000005397	2.705459564	1.435873679	1.83E-18	4.44E-17	3134.54726	2730.67569	2924.66443	9595.42679	6914.07292	7269.95791	Nid1
ENSMUSG00000039481	0.197554817	-2.339675073	1.88E-18	4.56E-17	374.383865	442.109397	470.879657	73.1784905	62.8055597	120.287674	Nrtn
ENSMUSG00000073490	4.645620939	2.215871442	1.90E-18	4.61E-17	369.140394	194.482906	202.632639	1105.07743	1181.4727	1273.90375	Ifi207
ENSMUSG00000022661	0.398391054	-1.327742844	2.04E-18	4.94E-17	6406.47348	7294.23969	8237.49925	3135.9861	3042.88386	2559.26347	Cd200
ENSMUSG00000020423	0.377137224	-1.406838539	2.11E-18	5.09E-17	7381.75918	7783.8391	7229.16064	2531.64688	2488.55653	3428.77151	Btg2
ENSMUSG00000020097	2.242381554	1.165031782	2.13E-18	5.12E-17	777.082476	642.245876	694.740478	1645.28269	1559.21629	1536.24544	Sgpl1
ENSMUSG00000070327	3.252977445	1.701760819	2.41E-18	5.80E-17	699.479098	724.78804	618.512009	2233.99954	2705.1902	1702.35699	Rnf213
ENSMUSG00000022831	3.959955712	1.985484295	2.45E-18	5.87E-17	210.787554	272.502211	232.545077	683.273321	1125.94895	1025.30922	Hcls1
ENSMUSG00000073902	58.64837255	5.87401917	2.65E-18	6.35E-17	3.1460829	2.26142914	1.92983466	154.579283	192.057581	81.3373797	Gm1966
ENSMUSG00000037254	0.187461461	-2.415334067	2.88E-18	6.89E-17	758.205979	646.768734	981.320925	203.913097	141.995178	99.6669301	Itih2
ENSMUSG00000052632	0.33998245	-1.556467821	2.96E-18	7.08E-17	1668.47263	1888.29333	1979.04544	753.985121	613.491989	512.081813	Asap2
ENSMUSG00000021298	19.61950259	4.294216561	3.56E-18	8.48E-17	13.6330259	6.78428742	5.78950398	93.7342463	227.556376	192.460279	Gpr132
ENSMUSG00000032135	0.39151282	-1.352868545	3.59E-18	8.55E-17	14833.7809	20906.9124	18647.0274	7393.49423	7077.00329	6822.02953	Mcam
ENSMUSG00000074923	0.06930093	-3.85098147	3.67E-18	8.72E-17	87.0416269	128.901461	98.4215677	7.40007207	5.46135302	9.16477518	Pak6
ENSMUSG00000065592	0.251093377	-1.993704121	3.84E-18	9.11E-17	695.284321	1076.44027	681.231635	232.691155	192.057581	190.169085	Mir145a
ENSMUSG00000020057	2.810013229	1.490576923	3.99E-18	9.45E-17	525.395844	482.815121	518.160606	1213.61182	1365.33825	1713.81296	Dram1
ENSMUSG00000069892	3.695930916	1.88593779	3.99E-18	9.45E-17	118.502456	104.02574	94.5618984	432.493101	419.613957	317.330341	9930111J21Rik2
ENSMUSG00000039062	2.509082143	1.327159703	4.28E-18	1.01E-16	1111.61596	862.735217	955.268157	2696.91516	2415.73849	2237.35074	Anpep

ENSMUSG00000051439	5.12968389	2.358869924	4.37E-18	1.03E-16	141.57373	88.1957365	115.79008	445.648785	780.063256	548.740914	Cd14
ENSMUSG00000032661	45.04828312	5.493400218	4.44E-18	1.04E-16	4.1947772	9.04571656	1.92983466	80.5785626	333.142534	256.613705	Oas3
ENSMUSG00000039747	4.270888997	2.094536402	4.43E-18	1.04E-16	40.8990777	56.5357285	53.0704532	208.024248	225.735925	208.498635	Orai2
ENSMUSG00000024302	0.326530949	-1.614708358	4.59E-18	1.08E-16	1988.32439	2432.16704	2164.30957	670.939868	886.55964	591.127999	Dtna
ENSMUSG00000034429	0.283707011	-1.81752629	4.73E-18	1.11E-16	1057.08385	1311.6289	902.197704	282.024969	269.426749	378.046976	Zfp707
ENSMUSG00000056214	2.498310462	1.32095277	4.96E-18	1.16E-16	217.07972	202.397908	227.72049	559.116557	531.571694	526.974573	Pard6g
ENSMUSG00000055775	22.3712189	4.483571959	5.11E-18	1.19E-16	16.7791088	9.04571656	9.6491733	97.8453974	348.616368	348.261457	Myh8
ENSMUSG00000035000	3.570041677	1.835940916	5.14E-18	1.20E-16	72.3599067	68.9735888	62.7196265	250.78022	243.940435	232.55617	Dpp4
ENSMUSG00000087107	9.752512765	3.285773982	5.21E-18	1.21E-16	29.3634404	22.6142914	27.9826026	143.89029	285.810808	352.843844	AI662270
ENSMUSG00000035352	10.11650048	3.338638411	5.57E-18	1.30E-16	17.8278031	20.3528623	29.9124372	138.134679	246.671111	308.165565	Ccl12
ENSMUSG00000033355	6.546020757	2.710618177	5.81E-18	1.35E-16	105.918124	119.855744	73.3337171	395.492741	865.624453	694.23172	Rtp4
ENSMUSG00000033209	0.412451565	-1.277703384	6.20E-18	1.44E-16	4549.23587	4851.89622	4624.84876	1855.77363	1673.9047	2257.97149	Ttc28
ENSMUSG00000041362	4.14427288	2.051119001	6.24E-18	1.45E-16	127.940705	88.1957365	82.9828904	381.514827	481.509291	375.755782	Shtn1
ENSMUSG00000010142	10.3070715	3.365562579	6.33E-18	1.46E-16	12.5843316	10.1764311	21.2281813	112.645542	177.493973	168.402744	Tnfrsf13b
ENSMUSG00000059022	6.531153965	2.707337919	6.41E-18	1.48E-16	20.973886	21.4835768	19.2983466	120.867844	134.713374	147.782	Kcp
ENSMUSG00000020160	0.346904869	-1.527388005	6.51E-18	1.50E-16	474.009823	587.971577	473.774409	175.135039	171.122395	186.732294	Meis1
ENSMUSG00000037613	4.052616092	2.018853514	6.61E-18	1.52E-16	71.3112124	71.2350179	55.0002878	248.31353	245.760886	305.874372	Tnfrsf23
ENSMUSG00000042734	4.653969985	2.218461906	6.62E-18	1.52E-16	57.6781865	79.1500199	45.3511145	254.069141	285.810808	304.728775	Ttc9
ENSMUSG00000053175	5.668271812	2.502908942	6.64E-18	1.53E-16	79.7007668	67.8428742	60.7897918	263.935904	405.960574	512.081813	Bcl3
ENSMUSG00000052760	5.866570647	2.55251741	7.37E-18	1.69E-16	42.9964663	28.2678643	30.8773546	165.268276	237.568856	197.042666	A630001G21Rik
ENSMUSG00000027322	7.331160864	2.874041662	7.86E-18	1.80E-16	58.7268808	37.3135808	31.8422719	292.713962	419.613957	223.391395	Siglec1
ENSMUSG00000075289	0.328399487	-1.606476221	7.99E-18	1.83E-16	1028.76911	1415.65464	1033.42646	337.936625	405.960574	398.66772	Carns1
ENSMUSG00000052142	14.24302494	3.832183674	8.13E-18	1.86E-16	12.5843316	9.04571656	5.78950398	111.823311	172.942846	103.103721	Rasal3
ENSMUSG00000029838	5.688192666	2.507970332	8.22E-18	1.88E-16	192.959751	108.548599	122.544501	861.697281	546.135302	1005.83408	Ptn
ENSMUSG00000026786	3.501291395	1.807887135	8.34E-18	1.90E-16	179.326725	168.476471	139.913013	453.871087	641.70898	611.748743	Apbb1ip
ENSMUSG00000036139	5.173662727	2.371186007	8.60E-18	1.96E-16	131.086787	109.679313	127.369088	446.471015	567.980714	893.56558	Hoxc9
ENSMUSG00000060216	3.351102198	1.744635685	9.05E-18	2.06E-16	356.556062	395.7501	341.580735	910.208865	1351.68487	1404.5018	Arrb2
ENSMUSG00000025804	12.49421075	3.643187865	9.20E-18	2.09E-16	7.3408601	20.3528623	19.2983466	124.156765	218.454121	245.157736	Ccr1
ENSMUSG00000029468	3.120121376	1.641602153	9.41E-18	2.13E-16	176.180642	172.999329	188.158879	645.450731	567.980714	461.67555	P2rx7
ENSMUSG00000035189	0.113476189	-3.139538487	9.60E-18	2.17E-16	102.772041	104.02574	134.123509	11.5112232	13.6533825	13.7471628	Ano4
ENSMUSG00000109866	4.404769118	2.1390664	1.11E-17	2.51E-16	36.7043005	44.0978682	45.3511145	195.690795	181.134875	178.713116	Gm45714
ENSMUSG00000019789	0.422807871	-1.24192586	1.12E-17	2.52E-16	1554.16495	1914.29977	1819.83409	810.719007	713.616794	710.270077	Hey2
ENSMUSG00000078763	48.8352837	5.609851973	1.15E-17	2.60E-16	6.2921658	5.65357285	1.92983466	68.2451091	316.758475	285.253628	Slfn1
ENSMUSG00000031662	10.33429218	3.369367673	1.16E-17	2.62E-16	30.4121347	27.1371497	14.47376	148.823672	326.770956	265.77848	Snx20
ENSMUSG00000032875	0.348710839	-1.519896885	1.17E-17	2.63E-16	5010.66136	5914.76792	5594.59068	2342.53393	1859.5907	1555.72059	Arhgef17
ENSMUSG00000027994	4.482012877	2.164146794	1.18E-17	2.65E-16	65.0190466	92.7185948	105.175989	323.136481	466.035458	390.648542	Mcub
ENSMUSG00000090841	0.360806463	-1.470702912	1.18E-17	2.65E-16	51898.8322	68228.4479	63712.5264	18539.6472	22133.0433	25660.2249	Myl6
ENSMUSG00000031885	2.339274153	1.226060949	1.21E-17	2.72E-16	661.726103	568.749429	657.108702	1359.9688	1617.47072	1440.0153	Cbfb
ENSMUSG00000032011	3.028700475	1.598698909	1.22E-17	2.73E-16	1066.5221	897.787369	1081.67233	2631.95897	2753.43215	3844.62319	Thy1
ENSMUSG00000032243	5.253400784	2.393251653	1.31E-17	2.93E-16	147.865896	130.032176	149.562186	1091.09952	598.018156	555.614495	Itga11
ENSMUSG00000033538	2.664064307	1.413628908	1.39E-17	3.10E-16	259.027492	220.489341	241.229333	568.161089	682.669127	671.319782	Casp4
ENSMUSG00000029082	4.854484404	2.279318075	1.44E-17	3.20E-16	70.2625181	64.4507305	66.5792958	249.95799	425.07531	302.437581	Bst1
ENSMUSG00000090877	0.326213933	-1.616109692	1.44E-17	3.20E-16	2194.91717	1726.60115	2181.67808	670.117638	533.392145	789.316262	Hspa1b
ENSMUSG00000019979	2.361292146	1.239576547	1.45E-17	3.21E-16	288.390932	280.417213	290.440116	660.250875	640.798754	729.745224	Apaf1
ENSMUSG00000021451	5.819556	2.540909088	1.45E-17	3.21E-16	98.5772642	76.8885908	76.2284691	372.470294	704.514539	387.211751	Sema4d
ENSMUSG00000027314	4.185251872	2.065314448	1.45E-17	3.21E-16	155.206756	97.241453	108.070741	589.539075	501.534252	416.997271	Dll4
ENSMUSG00000006651	0.275296768	-1.860940421	1.47E-17	3.24E-16	371.237782	456.808686	551.932713	133.201297	111.957737	135.180434	Aplp1
ENSMUSG00000025993	7.986548595	2.997572174	1.48E-17	3.27E-16	56.6294922	31.660008	45.3511145	250.78022	292.182386	528.12017	Slc40a1
ENSMUSG00000035296	0.112151826	-3.156474984	1.66E-17	3.66E-16	1923.30535	2294.21986	2841.68154	175.135039	466.945683	148.927597	Sgcg
ENSMUSG00000032332	5.713331649	2.514332278	1.66E-17	3.66E-16	684.797378	862.735217	658.073619	6504.66335	2792.57184	3300.46466	Col12a1
ENSMUSG00000101174	3.711994088	1.892194413	1.90E-17	4.17E-16	69.2138238	66.7121596	57.8950398	259.824753	236.658631	221.100201	Hoxd4
ENSMUSG00000024290	0.374956044	-1.415206618	2.05E-17	4.49E-16	10345.3693	12528.3174	11795.1494	3696.74712	4107.8477	5197.57312	Rock1
ENSMUSG00000054555	9.885977213	3.305383581	2.05E-17	4.49E-16	123.745927	39.57501	53.0704532	888.830879	476.047938	775.5691	Adam12
ENSMUSG00000021493	0.357325688	-1.484688461	2.16E-17	4.73E-16	6988.49881	9664.21743	8849.25684	2559.60271	3313.22083	3240.89362	Pdlim7
ENSMUSG00000022439	10.1034882	3.33678156	2.24E-17	4.89E-16	17.8278031	19.2221477	11.579008	109.356621	211.172317	168.402744	Parvg
ENSMUSG00000010660	0.408314664	-1.292246714	2.29E-17	4.99E-16	1685.25174	2113.30553	1884.48355	863.341742	733.641755	721.726046	Plcd1
ENSMUSG00000030077	8.213456321	3.037989453	2.34E-17	5.10E-16	36.7043005	49.7514411	16.4035946	312.447488	303.105093	222.245798	Chl1
ENSMUSG00000044550	0.224866813	-2.152857336	3.14E-17	6.83E-16	479.253295	486.207265	592.459241	131.556837	76.4589423	143.199612	Tceal3
ENSMUSG00000028382	2.246598204	1.167742126	3.23E-17	7.04E-16	1159.8559	1028.95026	1174.30439	2334.31162	2408.45668	2817.02277	Ptbp3
ENSMUSG00000025059	0.288918747	-1.791264277	3.26E-17	7.09E-16	719.40429	488.468694	579.915316	183.357341	186.596228	145.490806	Gk
ENSMUSG00000029126	3.096944465	1.630845512	3.64E-17	7.89E-16	360.750839	232.927201	273.071604	901.164332	841.95859	942.826247	Nsg1
ENSMUSG00000056602	0.417688462	-1.259500802	3.85E-17	8.34E-16	3326.45832	3867.04383	3177.47277	1638.70485	1365.33825	1325.45561	Fry
ENSMUSG00000074577	5.837112504	2.545254875	4.03E-17	8.71E-16	22.0225803	26.0064351	21.2281813	138.956909	125.611119	138.617225	Ripor3
ENSMUSG00000006403	9.33302351	3.22234453	4.04E-17	8.72E-16	17.8278031	11.3071457	24.1229333	208.846479	119.239541	172.985132	Adamts4
ENSMUSG00000039911	0.469584565	-1.090543106	4.19E-17	9.02E-16	2106.82685	2159.66483	1930.79958	1013.80987	879.277836	1017.29005	Spsb1
ENSMUSG00000036943	2.00503647	1.003628479	4.48E-17	9.64E-16	778.13117	757.578762	810.530558	1482.48111	1630.21388	1593.52528	Rab8b
ENSMUSG00000026271	19.84585723	4.310765975	4.55E-17	9.78E-16	2.0973886	7.91500199	7.71933864	93.7342463	158.379238	99.6669301	Gpr35
ENSMUSG00000040026	721.4752971	9.494806188	4.85E-17	1.04E-15	2.0973886	0	3.85966932	392.20382	1605.63779	2396.58871	Saa3
ENSMUSG00000024678	2.411447837	1.269899603	4.87E-17	1.05E-15	267.417046	231.796487	242.19425	572.27224	597.10793	619.767922	Ms4a4d
ENSMUSG00000041741	0.429172791	-1.220369481	5.28E-17	1.13E-15	5015.90484	5230.6856	6099.24245	2626.20336	2124.46632	2263.69947	Pde3a
ENSMUSG00000028832	4.552278717	2.18658889	5.30E-17	1.13E-15	153.109368	127.770746	118.684832	411.115115	650.811235	758.385146	Stmn1
ENSMUSG00000019990	3.075035207	1.620602928	5.66E-17	1.21E-15	202.398	179.783617	142.807765	518.827275	502.444478	592.273596	Pde7b
ENSMUSG00000001131	5.512697897	2.462758542	5.67E-17	1.21E-15	339.776953	300.770076	346.405322	1125.63319	1569.22877	2749.43255	Timp1
ENSMUSG00000012519	3.675731123	1.878031238	5.71E-17	1.22E-15	118.502456	81.4114491	86.8425597	319.84756	393.217417	341.387875	Mlkl
ENSMUSG00000052821	7.788485501	2.961342818	5.74E-17	1.22E-15	24.1199689	12.4378603	17.3685119	150.468132	155.648561	114.55969	Cysltr1
ENSMUSG00000031274	0.279724828	-1.837919785	5.84E-17	1.24E-15	4841.82158	5300.78991	6038.45265	2026.79752	1158.71707	1339.20277	Col4a5
ENSMUSG00000032363	5.178056868	2.37241081	6.28E-17	1.33E-15	45.0938549	48.6207265	36.6668586	263.935904	171.122395	238.284155	Adamts7

ENSMUSG00000068122	63.8490562	5.996593389	6.34E-17	1.34E-15	3.1460829	1.13071457	1.92983466	191.579644	80.0998443	127.161256	Agtr2
ENSMUSG00000026304	0.059287128	-4.076137283	6.88E-17	1.46E-15	69.2138238	115.332886	101.31632	5.75561161	5.46135302	5.72798449	Rab17
ENSMUSG00000038370	0.350401118	-1.512920715	7.03E-17	1.49E-15	5289.61405	7995.28273	6436.96351	2044.06435	2438.49412	2428.66542	Pcp4l1
ENSMUSG00000045136	4.649074423	2.216943521	7.06E-17	1.49E-15	98.5772642	99.5028822	90.7022291	346.981157	383.204937	614.039937	Tubb2b
ENSMUSG00000059824	0.364296446	-1.456815174	7.37E-17	1.55E-15	5301.14969	7851.68198	7403.81068	2585.09184	2566.83592	2335.87207	Dbp
ENSMUSG00000010175	5.288915622	2.402971959	7.56E-17	1.59E-15	164.645005	83.6728782	105.175989	795.918863	497.89335	576.23524	Prox1
ENSMUSG00000036052	0.323291199	-1.62909386	7.93E-17	1.67E-15	2508.47677	3203.31438	2866.76939	735.896056	1148.70458	888.983193	Dnajb5
ENSMUSG00000022584	39.52195831	5.304582529	8.09E-17	1.70E-15	4.1947772	9.04571656	3.85966932	77.2896417	399.588996	191.314682	Ly6c2
ENSMUSG00000027833	3.077565062	1.621789357	8.54E-17	1.79E-15	316.705679	341.4758	263.422431	840.319295	849.240394	1146.74249	Shox2
ENSMUSG00000029177	4.656349378	2.219199312	8.54E-17	1.79E-15	61.8729637	67.8428742	43.4212799	222.002162	267.606298	315.039147	Cenpa
ENSMUSG00000031112	0.297250305	-1.750249804	8.63E-17	1.80E-15	286.293544	258.933637	273.071604	74.822951	74.6384912	95.0845425	Stk26
ENSMUSG00000079243	0.286758187	-1.80209342	8.63E-17	1.80E-15	2160.31026	3282.4644	2425.80217	598.583608	902.033474	756.093952	Xirp1
ENSMUSG00000024206	0.32856908	-1.605731375	8.77E-17	1.83E-15	723.599067	863.865932	625.26643	236.802306	213.902993	277.234449	Rfx2
ENSMUSG00000013584	12.68415141	3.664955098	9.19E-17	1.91E-15	47.1912435	7.91500199	24.1229333	282.847199	413.242378	312.747953	Aldh1a2
ENSMUSG00000029371	186.0798349	7.539777912	9.19E-17	1.91E-15	1.0486943	1.13071457	0.96491733	121.690074	201.159836	261.196093	Cxcl5
ENSMUSG00000076617	2.765123498	1.467343917	9.19E-17	1.91E-15	371.237782	353.91366	335.791231	832.919223	1163.26819	937.098262	Ighm
ENSMUSG00000060572	4.744101424	2.246134853	9.51E-17	1.97E-15	264.270964	225.012199	283.685695	1090.27729	834.676786	1745.88967	Mfap2
ENSMUSG00000032911	0.380280561	-1.3948639	9.87E-17	2.05E-15	8431.50217	12293.1288	10584.1782	3899.01575	3711.8996	4295.98837	Cspg4
ENSMUSG00000027966	61.37206395	5.939510197	1.03E-16	2.13E-15	16.7791088	16.9607186	16.4035946	1989.79716	400.499221	686.212542	Col11a1
ENSMUSG00000040447	2.494824025	1.318938057	1.07E-16	2.20E-15	513.860207	398.011529	404.300361	1057.38808	1159.62729	1066.55071	Spns2
ENSMUSG00000000275	3.414285619	1.771583751	1.10E-16	2.27E-15	474.009823	413.841533	426.49346	1088.63282	1544.65268	1857.01257	Trim25
ENSMUSG00000039783	8.979024727	3.166558753	1.14E-16	2.35E-15	8.3895544	13.5685748	18.3334293	114.290002	139.264502	109.977302	Kmo
ENSMUSG00000039706	2.368325262	1.243867232	1.16E-16	2.40E-15	336.63087	312.077221	389.826601	819.76354	801.908668	840.868123	Ldb2
ENSMUSG00000030986	0.417600796	-1.259803632	1.27E-16	2.62E-15	884.049295	955.453812	1009.30353	417.692957	424.165084	345.970263	Dhx32
ENSMUSG00000052889	10.59081725	3.404742016	1.46E-16	2.99E-15	62.921658	27.1371497	32.8071892	222.824392	477.868389	602.583968	Prkcb
ENSMUSG00000020865	7.842335165	2.971283301	1.57E-16	3.23E-15	18.8764974	26.0064351	11.579008	165.268276	151.097434	121.433271	Abcc3
ENSMUSG00000034881	0.373978036	-1.418974551	1.65E-16	3.37E-15	666.969575	803.938059	770.00403	239.268997	292.182386	308.165565	Tbxa2r
ENSMUSG00000036246	2.758603555	1.463938139	1.65E-16	3.37E-15	216.031026	263.456495	201.667722	618.317133	684.489578	572.798449	Gmip
ENSMUSG00000063286	3.862272514	1.949449961	1.72E-16	3.51E-15	234.907523	221.620056	204.562474	819.76354	1115.02624	616.331131	Gm8995
ENSMUSG00000021196	0.426657751	-1.228848838	1.89E-16	3.85E-15	3351.62698	4095.44817	3757.38808	1814.66212	1506.42321	1457.19925	Pfkp
ENSMUSG00000030144	23.64251341	4.56331151	1.89E-16	3.85E-15	7.3408601	14.6992894	10.6140906	93.7342463	447.830947	227.973783	Clec4d
ENSMUSG00000047844	0.011124496	-6.490116223	1.99E-16	4.05E-15	100.674653	114.202172	124.474336	0	2.73067651	1.1455969	Bex4
ENSMUSG00000056174	4.444489875	2.15201784	2.14E-16	4.34E-15	137.378953	135.685748	154.386773	841.963756	431.446888	626.641503	Col8a2
ENSMUSG00000027843	16.20180767	4.018082881	2.21E-16	4.48E-15	7.3408601	10.1764311	5.78950398	90.4453253	182.955326	100.812527	Ptpn22
ENSMUSG00000059456	3.023347367	1.596146747	2.22E-16	4.49E-15	255.881409	194.482906	208.422143	604.339219	779.153031	608.311953	Ptk2b
ENSMUSG00000028631	0.345701282	-1.532402139	2.32E-16	4.69E-15	953.263118	1273.18461	1360.53344	463.73785	385.935613	389.502945	Kcnq4
ENSMUSG00000039131	0.173950068	-2.523254855	2.45E-16	4.95E-15	134.23287	140.208607	192.983466	24.6669069	27.3067651	29.7855193	Gipc2
ENSMUSG00000024924	0.333650287	-1.58359135	2.57E-16	5.18E-15	3018.14219	3568.53518	4432.83022	1335.30189	1336.21104	1003.54288	Vldlr
ENSMUSG00000002900	4.25161423	2.0880107	2.60E-16	5.24E-15	724.647761	401.403672	534.564201	3057.87423	2024.34152	1978.44584	Lamb1
ENSMUSG00000024164	3.327642104	1.734500276	2.68E-16	5.39E-15	5983.84967	4050.21959	4237.91691	18682.7153	16456.8771	12350.6802	C3
ENSMUSG00000027469	3.300546195	1.72270479	2.68E-16	5.39E-15	72.3599067	71.2350179	72.3687998	225.291083	253.952915	233.701767	Tpx2
ENSMUSG00000030220	2.736852005	1.452517423	2.82E-16	5.67E-15	583.074031	482.815121	556.7573	1257.19002	1765.83748	1419.39456	Arhgdib
ENSMUSG00000020589	3.087760351	1.626560786	2.88E-16	5.77E-15	151.011979	117.594315	124.474336	436.604252	423.254859	352.843844	Fam49a
ENSMUSG00000040138	0.104356115	-3.260412953	3.06E-16	6.12E-15	89.1390155	87.0650219	104.211072	8.2223023	10.922706	10.3103721	Ndp
ENSMUSG00000020573	5.396009481	2.431892883	3.07E-16	6.14E-15	38.8016891	27.1371497	45.3511145	189.112953	243.030209	170.693938	Pik3cg
ENSMUSG00000023088	0.421249999	-1.247251411	3.27E-16	6.53E-15	2618.58967	2679.79353	2536.76766	1292.54592	1057.68203	947.408634	Abcc1
ENSMUSG00000031444	44.31924225	5.46986131	3.30E-16	6.57E-15	4.1947772	3.39214371	1.92983466	72.3562603	231.197278	114.55969	F10
ENSMUSG00000009281	0.427564741	-1.225785207	3.45E-16	6.88E-15	3235.22191	3862.52097	3957.12597	1785.06183	1450.89945	1489.27597	Rarres2
ENSMUSG00000027381	4.287618204	2.100176445	3.51E-16	6.97E-15	139.476342	76.8885908	82.0179731	462.093389	396.858319	420.434061	Bcl2l11
ENSMUSG00000029470	2.356498044	1.236644484	3.63E-16	7.21E-15	575.733171	561.965141	566.406473	1167.56693	1321.64743	1529.37186	P2rx4
ENSMUSG00000035021	4.55871877	2.188628411	3.63E-16	7.21E-15	263.222269	201.267194	186.229045	650.384112	1032.19572	1285.35972	Baz1a
ENSMUSG00000038168	0.233732891	-2.097067328	3.98E-16	7.90E-15	692.138238	832.205924	1059.47923	263.935904	193.878032	144.345209	P3h2
ENSMUSG00000026110	0.341383041	-1.550536706	4.01E-16	7.93E-15	1818.43592	2125.74339	2729.75113	864.163972	714.52702	698.814108	Mgat4a
ENSMUSG00000024867	0.233910894	-2.095969043	4.09E-16	8.08E-15	267.417046	231.796487	369.563338	62.4894975	69.1771382	72.1726046	Pip5k1b
ENSMUSG00000029254	11.37017373	3.507182393	4.14E-16	8.18E-15	5.2434715	12.4378603	13.5088426	90.4453253	139.264502	126.015659	Stap1
ENSMUSG00000042817	20.0205493	4.323409653	4.20E-16	8.29E-15	3.1460829	4.52285828	4.82458665	75.6451812	89.2020993	85.9197673	Flt3
ENSMUSG00000028197	50.0892915	5.6464303	4.32E-16	8.48E-15	2.0973886	3.39214371	0.96491733	106.0677	132.892923	75.6093952	Col24a1
ENSMUSG00000005087	3.282813273	1.714932691	4.33E-16	8.51E-15	619.778331	732.703042	782.547955	1745.59478	2342.92044	2923.56328	Cd44
ENSMUSG00000044835	0.020242409	-5.626475219	4.57E-16	8.97E-15	74.4572953	105.156455	104.211072	0.82223023	0.9102255	4.58238759	Ankrd45
ENSMUSG00000017002	15.70805128	3.973432308	4.66E-16	9.14E-15	17.8278031	15.830004	21.2281813	137.312448	521.559213	205.061845	Slpi
ENSMUSG00000022679	0.290866451	-1.781571194	4.67E-16	9.14E-15	364.945616	336.952942	412.0197	85.511944	111.957737	128.306853	Mpv17l
ENSMUSG00000086389	0.105410295	-3.245912312	4.84E-16	9.45E-15	102.772041	139.077892	108.070741	17.2668348	11.8329315	6.87358139	Gm15998
ENSMUSG00000046245	10.33309325	3.36920029	4.89E-16	9.54E-15	18.8764974	7.91500199	13.5088426	97.8453974	171.122395	150.073194	Pilra
ENSMUSG00000057596	4.926410406	2.30053682	5.05E-16	9.84E-15	140.525036	80.2807345	99.386485	373.292525	638.978303	567.070464	Trim30d
ENSMUSG00000071984	3.194354766	1.675524548	5.13E-16	9.98E-15	1334.98784	904.571656	1237.02402	4338.0867	2936.38747	3833.16722	Fndc1
ENSMUSG00000035112	0.224994742	-2.152036811	5.60E-16	1.09E-14	209.73886	183.17576	171.755285	33.7114394	49.1521772	44.678279	Wnk4
ENSMUSG00000040809	32.8818547	5.039219772	6.12E-16	1.19E-14	8.3895544	5.65357285	0	95.3787067	230.287052	127.161256	Chil3
ENSMUSG00000018417	3.453815818	1.78819115	6.15E-16	1.19E-14	250.637938	210.31291	163.071029	835.385914	592.556802	725.162836	Myo1b
ENSMUSG00000021950	6.358063192	2.668587355	6.52E-16	1.26E-14	34.6069119	28.2678643	26.0527679	251.60245	147.456531	164.965953	Anxa8
ENSMUSG00000066800	5.23938323	2.38939699	6.74E-16	1.30E-14	128.989399	72.3657325	62.7196265	559.116557	424.165084	398.66772	Rnase1
ENSMUSG00000020102	0.407106607	-1.29652146	6.83E-16	1.32E-14	954.311813	1019.90454	1086.49691	476.071303	361.359525	407.832496	Slc16a7
ENSMUSG00000047407	2.515542407	1.330869511	7.18E-16	1.39E-14	175.131948	204.659337	183.334293	448.937706	466.945683	500.625844	Tgif1
ENSMUSG00000039157	2.331403324	1.221198607	7.39E-16	1.43E-14	271.611824	238.580774	233.509994	574.738931	587.095449	571.652852	Fam102a
ENSMUSG00000000120	15.29978778	3.935439736	8.28E-16	1.60E-14	9.4382487	7.91500199	3.85966932	139.779139	102.855482	77.900589	Ngfr
ENSMUSG00000011256	2.820201264	1.495798125	8.35E-16	1.61E-14	308.316124	372.005094	390.791519	1077.94383	823.75408	1120.39377	Adam19
ENSMUSG00000082361	0.191848496	-2.381960637	8.46E-16	1.63E-14	218.128414	184.306475	215.176565	26.3113674	40.9601476	52.6974573	Btc
ENSMUSG00000030772	0.407501418	-1.295123017	8.51E-16	1.63E-14	7606.17976	8241.7785	9394.43513	3740.32532	2840.8138	3706.00596	Dkk3

ENSMUSG00000029695	0.134668997	-2.892510341	8.68E-16	1.66E-14	123.745927	96.1107385	139.913013	14.8001441	13.6533825	20.6207442	Aass
ENSMUSG00000017830	5.827598563	2.5429015	8.93E-16	1.71E-14	56.6294922	59.9278722	51.1406185	198.157486	415.973055	363.154217	Dhx58
ENSMUSG00000031443	36.18171185	5.177188762	9.56E-16	1.83E-14	3.1460829	3.39214371	1.92983466	69.0673393	140.174727	93.9389456	F7
ENSMUSG00000024098	0.413578775	-1.273765949	9.98E-16	1.91E-14	7029.39789	7321.37684	8765.30903	3704.14719	2943.66928	2910.96172	Twsg1
ENSMUSG00000022667	17.52168554	4.13106966	1.01E-15	1.93E-14	4.1947772	7.91500199	5.78950398	68.2451091	132.892923	111.122899	Cd200r1
ENSMUSG00000004891	0.450177791	-1.151433211	1.04E-15	1.99E-14	4387.73695	5539.37068	5244.32569	2412.4235	2068.94257	2348.47364	Nes
ENSMUSG00000021190	2.601882024	1.379555548	1.08E-15	2.05E-14	1810.04636	1932.3912	2011.85263	3905.59359	5353.94641	5715.38292	Lgmn
ENSMUSG00000038387	0.462611061	-1.112128335	1.11E-15	2.11E-14	5617.85536	6879.26745	6172.57616	2585.91407	2967.33514	3085.09245	Rras
ENSMUSG00000029417	13.28371819	3.731587117	1.13E-15	2.14E-14	42.9964663	68.9735888	30.8773546	228.580004	989.415122	674.756573	Cxcl9
ENSMUSG00000038366	2.318524467	1.213206951	1.24E-15	2.36E-14	1280.45574	1209.86459	1311.32265	2511.91335	2911.81138	3394.40361	Lasp1
ENSMUSG00000003273	0.311670736	-1.681905393	1.27E-15	2.41E-14	719.40429	798.284487	593.424158	270.513746	196.608709	189.023488	Car11
ENSMUSG00000043822	0.417363201	-1.260624692	1.29E-15	2.43E-14	3143.98551	3566.27375	2570.53977	1318.03506	1331.65991	1222.35189	Adamtsl5
ENSMUSG00000017057	2.033110097	1.023688342	1.42E-15	2.69E-14	597.755751	693.128032	676.407049	1370.65779	1324.37811	1303.68927	Il13ra1
ENSMUSG00000000031	40.64851072	5.345130591	1.42E-15	2.69E-14	278.952684	142.470036	174.650037	4128.41799	14762.9474	5339.62714	H19
ENSMUSG00000040204	8.659749803	3.114325343	1.50E-15	2.82E-14	26.2173575	46.3592974	15.4386773	175.957269	283.080131	297.855193	Pclaf
ENSMUSG00000033544	5.637505155	2.495056848	1.51E-15	2.85E-14	203.446694	150.385038	176.579871	1322.96844	535.212596	1132.99533	Angptl1
ENSMUSG00000042834	2.919014458	1.545481356	1.53E-15	2.87E-14	1439.85727	1235.87103	1292.02431	3003.60703	3739.20637	4842.43809	Nrep
ENSMUSG00000038879	0.255993198	-1.965822618	1.59E-15	2.98E-14	303.072653	333.560798	330.001727	103.601009	84.6509718	57.2798449	Nipal2
ENSMUSG00000032000	2.30841405	1.206902017	1.60E-15	3.01E-14	293.634404	333.560798	334.826314	676.69548	780.973482	764.113131	Birc3
ENSMUSG00000012428	3.244655363	1.698065248	1.67E-15	3.12E-14	1359.10781	886.480223	1055.61956	4208.99655	2809.86613	3693.4044	Steap4
ENSMUSG00000021009	0.471210448	-1.085556566	1.67E-15	3.12E-14	1140.9794	1353.46534	1339.30525	596.116917	588.9159	622.059115	Ptpn21
ENSMUSG00000027544	3.607805576	1.851121594	1.74E-15	3.25E-14	152.060673	113.071457	122.544501	374.114755	454.202526	572.798449	Nfatc2
ENSMUSG00000032038	2.124028026	1.086802802	1.76E-15	3.28E-14	576.781865	479.422978	517.195689	1097.67736	1092.2706	1153.61608	St3gal4
ENSMUSG00000041431	8.571697265	3.099580898	1.81E-15	3.37E-14	8.3895544	16.9607186	12.5439253	92.912016	118.329315	112.268496	Ccnb1
ENSMUSG00000025038	0.04619634	-4.436077627	2.05E-15	3.82E-14	62.921658	82.5421636	96.491733	4.93338138	3.64090201	2.2911938	Efhc2
ENSMUSG00000030149	60.42757692	5.917135188	2.07E-15	3.85E-14	2.0973886	4.52285828	0	66.6006487	177.493973	139.762822	Klrk1
ENSMUSG00000001630	0.40000865	-1.321896896	2.12E-15	3.94E-14	2717.16693	3402.32014	3793.09003	1461.92535	1243.36804	1259.01099	Stk38l
ENSMUSG00000032006	0.304173399	-1.717034106	2.13E-15	3.95E-14	1967.35051	2285.17415	2714.31245	847.719367	753.666717	515.518604	Pdgfd
ENSMUSG00000032125	2.885884562	1.529013592	2.17E-15	4.03E-14	374.383865	281.547928	249.913589	951.320376	837.407463	823.684169	Robo4
ENSMUSG00000000938	2.765157773	1.467361799	2.23E-15	4.14E-14	210.787554	283.809357	199.737887	657.784184	620.773793	638.097472	Hoxa10
ENSMUSG00000059146	0.360858534	-1.47049472	2.25E-15	4.16E-14	4225.18933	5744.03002	3945.54696	1910.86306	1574.69012	1533.95425	Ntrk3
ENSMUSG00000026389	2.245450728	1.167005065	2.35E-15	4.35E-14	915.510124	767.755193	770.00403	2007.88622	1659.34109	1840.97421	Steap3
ENSMUSG00000056145	11.87948073	3.57039987	2.39E-15	4.41E-14	12.5843316	10.1764311	6.75442131	88.8008649	160.199689	99.6669301	AI504432
ENSMUSG00000026875	3.492870793	1.804413276	2.53E-15	4.66E-14	139.476342	124.378603	110.000576	346.981157	528.841017	429.598837	Traf1
ENSMUSG00000052353	41.99176426	5.392034498	2.56E-15	4.71E-14	2.0973886	2.26142914	4.82458665	89.6230951	77.3691678	225.682589	Cemip
ENSMUSG00000032816	3.103868378	1.63406738	2.57E-15	4.73E-14	127.940705	99.5028822	151.492021	404.537273	389.576515	384.920558	Igdcc4
ENSMUSG00000008398	2.426984505	1.279164897	2.60E-15	4.79E-14	1061.27863	959.97667	1155.00604	2233.17731	2477.63382	3002.60947	Elk3
ENSMUSG00000017652	6.250999372	2.644086858	2.61E-15	4.79E-14	22.0225803	28.2678643	28.9475199	117.578923	192.057581	186.732294	Cd40
ENSMUSG00000023991	0.482617496	-1.051047879	2.69E-15	4.94E-14	1343.3774	1526.46467	1280.4453	662.717566	656.272588	683.921348	Foxp4
ENSMUSG00000020176	2.341914646	1.227688496	3.03E-15	5.54E-14	1653.79091	1614.66041	1729.13186	4114.44007	3199.44264	4392.21851	Grb10
ENSMUSG00000048371	0.339119841	-1.560132902	3.10E-15	5.67E-14	985.772642	807.330203	791.232211	335.469934	229.376827	311.602356	Pdp2
ENSMUSG00000084796	18.117012	4.179273129	3.11E-15	5.68E-14	6.2921658	11.3071457	5.78950398	69.8895696	200.249611	150.073194	Mir142hg
ENSMUSG00000035004	7.09497793	2.826798196	3.16E-15	5.76E-14	41.947772	44.0978682	19.2983466	212.135399	330.411858	200.479457	Igsf6
ENSMUSG00000022421	0.370790392	-1.431324232	3.21E-15	5.86E-14	790.715502	898.918083	898.338035	346.981157	254.863141	358.571829	Nptxr
ENSMUSG00000071203	5.032734107	2.331342378	3.22E-15	5.86E-14	45.0938549	32.7907225	50.1757012	209.668709	266.696072	169.548341	Naip5
ENSMUSG00000028926	2.536640338	1.342918979	3.26E-15	5.93E-14	481.350684	443.240112	388.861684	1258.01225	953.916327	1118.10257	Cdk14
ENSMUSG00000031344	0.070349965	-3.829306481	3.54E-15	6.43E-14	189.813668	141.339321	72.3687998	10.688993	6.37157852	11.455969	Gabrq
ENSMUSG00000067158	0.328444638	-1.606277881	3.56E-15	6.46E-14	605.096611	651.291592	677.371966	268.869285	185.686003	178.713116	Col4a4
ENSMUSG00000031779	38.15717712	5.253882539	3.63E-15	6.58E-14	3.1460829	5.65357285	0	66.6006487	126.521345	130.598046	Ccl22
ENSMUSG00000047344	0.160873957	-2.635997304	3.63E-15	6.58E-14	278.952684	261.195066	323.247306	72.3562603	36.4090201	28.6399224	Lancl3
ENSMUSG00000039109	2.444998639	1.289833662	3.65E-15	6.61E-14	855.734549	628.677301	638.775273	1793.28413	1674.81493	1722.97773	F13a1
ENSMUSG00000026581	14.64178048	3.872019095	3.74E-15	6.75E-14	6.2921658	3.39214371	9.6491733	72.3562603	113.778188	101.958124	Sell
ENSMUSG00000079547	4.72038471	2.238904444	4.24E-15	7.64E-14	145.768508	213.705054	186.229045	547.605333	1159.62729	868.362448	H2-DMb1
ENSMUSG00000047686	11.77983455	3.558247372	4.41E-15	7.95E-14	8.3895544	4.52285828	8.68425597	94.5564765	81.9202953	80.1917828	Rtl3
ENSMUSG00000037362	0.383810161	-1.381535188	4.46E-15	8.03E-14	14202.4669	18752.9011	19250.1007	7844.89863	6193.17432	5997.19976	Nov
ENSMUSG00000032254	5.801587211	2.53644765	4.47E-15	8.04E-14	34.6069119	22.6142914	36.6668586	146.356981	231.197278	169.548341	Kif23
ENSMUSG00000098424	0.207754339	-2.26704949	4.48E-15	8.06E-14	173.034559	262.32578	210.351978	45.2226627	34.5885691	54.9886511	Gm27202
ENSMUSG00000022186	0.44395863	-1.171502849	4.59E-15	8.23E-14	11376.2358	12614.2517	13755.8615	5017.24887	5293.87153	6449.71053	Oxct1
ENSMUSG00000024011	0.430699391	-1.215246811	4.59E-15	8.23E-14	11929.9464	8808.2665	9406.97905	4647.24526	4253.48378	4081.76175	Pi16
ENSMUSG00000027423	2.067043872	1.04756901	4.99E-15	8.93E-14	1229.06972	1246.04746	1364.39311	2386.11213	2912.72161	2639.45525	Snx5
ENSMUSG00000041390	2.598186941	1.377505237	5.34E-15	9.54E-14	529.590621	496.383696	633.950686	1226.7675	1431.78472	1658.82431	Mdfic
ENSMUSG00000033715	0.369150773	-1.437717915	5.43E-15	9.69E-14	653.336549	812.983776	887.723944	273.802667	326.770956	268.069674	Akr1c14
ENSMUSG00000046546	2.602127012	1.379691383	5.75E-15	1.03E-13	501.275875	386.704383	429.388212	1018.74326	1082.25812	1330.038	Fam43a
ENSMUSG00000032387	0.393373761	-1.346027364	5.87E-15	1.05E-13	2269.37446	2955.68789	2401.67924	893.76426	937.532268	1170.80003	Rbpms2
ENSMUSG00000022876	15.41586177	3.946343635	5.90E-15	1.05E-13	17.8278031	3.39214371	10.6140906	101.134318	233.017729	160.383566	Samsn1
ENSMUSG00000024781	2.188904736	1.130209168	5.95E-15	1.06E-13	1064.42471	832.205924	907.022291	2152.59874	2066.21189	1917.72921	Lipa
ENSMUSG00000022367	6.80522238	2.766642307	6.04E-15	1.07E-13	20.973886	12.4378603	20.2632639	140.601369	102.855482	123.724465	Has2
ENSMUSG00000032744	0.386054579	-1.37312327	6.07E-15	1.08E-13	3200.615	4000.46815	4182.91663	1471.79211	1226.98398	1697.7746	Heyl
ENSMUSG00000038695	0.436502608	-1.195937823	6.10E-15	1.08E-13	1461.87985	1798.96688	1449.30583	638.872889	669.015745	749.220371	Josd2
ENSMUSG00000032724	0.376958856	-1.407521028	6.28E-15	1.11E-13	595.658362	792.630914	783.512872	287.780581	281.25968	248.594527	Abtb2
ENSMUSG00000029661	3.17322774	1.665951066	6.38E-15	1.13E-13	47618.0621	48808.4251	56074.2408	148801.471	120519.318	214602.376	Col1a2
ENSMUSG00000028037	9.979018211	3.318897883	6.41E-15	1.13E-13	30.4121347	56.5357285	25.0878506	194.868565	567.980714	350.552651	Ifi44
ENSMUSG00000040690	2.813870069	1.492555714	6.65E-15	1.17E-13	1134.68723	1500.45823	1293.95414	3986.99439	2860.83876	4207.7774	Col16a1
ENSMUSG00000038151	23.35487266	4.545651674	7.17E-15	1.26E-13	7.3408601	1.13071457	3.85966932	65.7784184	104.675933	121.433271	Prdm1
ENSMUSG00000036036	2.592985949	1.374614388	7.53E-15	1.32E-13	170.937171	158.30004	148.597269	453.048857	385.935613	398.66772	Zfp57
ENSMUSG00000030107	5.864689748	2.552054789	7.70E-15	1.35E-13	68.1651295	68.9735888	59.8248745	214.60209	490.611546	450.219581	Usp18
ENSMUSG00000051615	2.109351219	1.076799332	8.75E-15	1.53E-13	502.32457	444.370826	467.019988	1036.01009	914.776631	1032.1828	Rap2a

ENSMUSG00000060924	4.653801915	2.218409805	9.21E-15	1.61E-13	89.1390155	46.3592974	55.0002878	300.936264	335.873211	249.740124	Csmd1
ENSMUSG00000046714	0.386399433	-1.371835117	9.28E-15	1.63E-13	953.263118	1103.57742	1160.79555	370.825834	377.743584	497.189054	Foxc2
ENSMUSG00000032322	4.399777998	2.137430731	1.02E-14	1.78E-13	104.86943	106.28717	110.000576	300.114034	586.185224	528.12017	Pstpip1
ENSMUSG00000042821	4.339027074	2.117371588	1.07E-14	1.87E-13	51.3860207	37.3135808	55.9652052	231.046695	171.122395	227.973783	Snai1
ENSMUSG00000024399	20.85794325	4.382524999	1.10E-14	1.92E-13	4.1947772	3.39214371	9.6491733	64.133958	166.571267	135.180434	Ltb
ENSMUSG00000026068	19.55873391	4.289741079	1.12E-14	1.95E-13	4.1947772	3.39214371	4.82458665	63.3117277	101.035031	80.1917828	Il18rap
ENSMUSG00000072621	32.68373374	5.030500899	1.14E-14	1.99E-13	2.0973886	4.52285828	0.96491733	71.53403	86.4714228	82.4829766	Slfn10-ps
ENSMUSG00000044177	0.267102226	-1.904536096	1.15E-14	2.00E-13	166.742394	192.221477	220.001151	50.156044	50.9726282	53.8430542	Wfikkn2
ENSMUSG00000037032	0.374044483	-1.418718242	1.16E-14	2.01E-13	1148.32026	1403.21678	1169.4798	549.249794	459.663879	380.33817	Apbb1
ENSMUSG00000041423	0.362991192	-1.461993554	1.21E-14	2.10E-13	317.754373	361.828662	339.6509	138.134679	111.957737	119.142077	Paqr6
ENSMUSG00000019256	3.176500788	1.667438377	1.23E-14	2.13E-13	136.330259	117.594315	137.983178	485.115836	427.805986	331.077503	Ahr
ENSMUSG00000034422	2.734812488	1.451441918	1.30E-14	2.24E-13	588.317502	533.697277	506.581598	1189.76714	1805.8874	1458.34485	Parp14
ENSMUSG00000004951	0.339254741	-1.55955912	1.36E-14	2.35E-13	7112.24474	9422.24451	7126.8794	2033.37536	3154.84159	2839.93471	Hspb1
ENSMUSG00000036863	0.38113783	-1.391615286	1.37E-14	2.37E-13	986.821336	987.11382	1039.21596	471.137922	324.040279	351.698248	Syde2
ENSMUSG00000029671	0.127606872	-2.97022207	1.41E-14	2.42E-13	297.829181	390.096527	603.073331	40.2892813	35.4987946	90.5021549	Wnt16
ENSMUSG00000090394	0.4424928	-1.176274115	1.44E-14	2.48E-13	2493.79504	2824.525	2980.62963	1169.21139	1094.09105	1411.37538	4930523C07Rik
ENSMUSG00000009585	3.161580064	1.660645755	1.48E-14	2.55E-13	395.357751	306.423649	235.439829	916.786707	1118.66714	925.642293	Apobec3
ENSMUSG00000054203	6.016406617	2.588902074	1.50E-14	2.58E-13	144.719813	78.0193053	59.8248745	435.782022	741.833785	521.246588	Ifi205
ENSMUSG00000058290	4.56258423	2.189851193	1.53E-14	2.62E-13	31.460829	28.2678643	29.9124372	148.823672	128.341796	131.743643	Espl1
ENSMUSG00000038156	2.159281098	1.110551067	1.59E-14	2.73E-13	997.308279	888.741652	896.4082	2203.57702	1750.36364	2054.05524	Spon1
ENSMUSG00000090231	3.884307762	1.957657513	1.60E-14	2.74E-13	145.768508	161.692184	123.509418	382.337057	631.696499	659.863813	Cfb
ENSMUSG00000040829	4.82011992	2.26906904	1.64E-14	2.79E-13	82.8468497	52.0128702	48.2458665	286.95835	364.090201	230.264976	Zmynd15
ENSMUSG00000037887	0.404146581	-1.307049451	1.69E-14	2.88E-13	1160.90459	1220.04102	1506.23595	472.782382	506.995605	593.419193	Dusp8
ENSMUSG00000051323	4.17773909	2.062722395	1.71E-14	2.90E-13	238.053606	148.123609	184.29921	633.117277	670.836196	1082.58907	Pcdh19
ENSMUSG00000070390	12.61065411	3.656571204	1.71E-14	2.90E-13	6.2921658	4.52285828	10.6140906	74.0007207	111.957737	88.2109611	Nlrp1b
ENSMUSG00000027955	0.418956414	-1.255127934	1.79E-14	3.04E-13	5038.97611	5504.31853	6503.54281	2764.33803	2125.37655	2251.0979	Fam198b
ENSMUSG00000040543	0.379056956	-1.399513455	1.95E-14	3.31E-13	664.872186	941.885237	819.214813	319.84756	281.25968	318.475938	Pitpnm3
ENSMUSG00000030878	0.406251798	-1.299553897	2.00E-14	3.39E-13	1369.59476	1566.03968	1850.71144	624.894975	591.646577	729.745224	Cdr2
ENSMUSG00000036533	0.455410022	-1.134762055	2.04E-14	3.45E-13	2332.29612	2661.7021	3129.2269	1217.72297	1246.09871	1236.09905	Cdc42ep3
ENSMUSG00000038235	2.057867648	1.041150198	2.18E-14	3.69E-13	758.205979	704.435177	770.00403	1378.05787	1663.89222	1554.57499	F11r
ENSMUSG00000037824	2.407944362	1.267802058	2.21E-14	3.74E-13	558.954062	395.7501	467.984905	1104.2552	1160.53752	1162.78085	Tspan14
ENSMUSG00000036768	6.227972672	2.638762614	2.32E-14	3.91E-13	20.973886	16.9607186	15.4386773	95.3787067	120.149766	116.850884	Kif15
ENSMUSG00000022489	2.619784082	1.389447912	2.47E-14	4.16E-13	137.378953	118.72503	122.544501	345.336697	332.232309	313.89355	Pde1b
ENSMUSG00000031994	0.307428784	-1.701675845	2.47E-14	4.16E-13	1456.63638	2615.3428	2044.65982	665.184256	660.823715	553.323302	Adamts8
ENSMUSG00000040950	3.57277955	1.837046899	2.51E-14	4.22E-13	158.352839	183.17576	132.193674	610.094831	667.195294	411.269286	Mgl2
ENSMUSG00000037725	5.583587227	2.481192293	2.56E-14	4.30E-13	20.973886	18.0914331	31.8422719	121.690074	136.533825	140.908418	Ckap2
ENSMUSG00000030748	3.144261091	1.65272102	2.59E-14	4.35E-13	506.519347	391.227241	564.476638	1159.34462	1692.10921	1750.47206	Il4ra
ENSMUSG00000040811	0.438802111	-1.188357628	2.66E-14	4.47E-13	1089.59338	1278.83818	1230.2696	549.249794	575.262518	452.510775	Eml2
ENSMUSG00000017716	7.906160702	2.98297728	2.77E-14	4.65E-13	15.7304145	23.745006	24.1229333	107.71216	162.930365	233.701767	Birc5
ENSMUSG00000001588	9.556516291	3.256484797	2.81E-14	4.70E-13	17.8278031	11.3071457	9.6491733	90.4453253	168.391718	111.122899	Acap1
ENSMUSG00000019230	13.6974611	3.775836601	2.82E-14	4.72E-13	7.3408601	3.39214371	11.579008	136.490218	76.4589423	97.3757363	Lhx9
ENSMUSG00000038555	0.33662601	-1.570781442	2.86E-14	4.77E-13	352.361285	355.044375	278.861108	121.690074	101.945256	107.686108	Reep2
ENSMUSG00000026683	6.754118434	2.755767477	2.91E-14	4.86E-13	16.7791088	13.5685748	17.3685119	93.7342463	101.035031	129.452449	Nuf2
ENSMUSG00000032419	0.392949012	-1.347585969	2.93E-14	4.88E-13	1341.28001	1516.28824	1625.8857	526.227347	523.379664	714.852464	Tbx18
ENSMUSG00000054808	0.462407231	-1.112764137	2.94E-14	4.89E-13	22347.6755	28230.5507	23292.1394	12346.6091	11597.1831	10211.8507	Actn4
ENSMUSG00000027200	2.918896118	1.545422867	3.03E-14	5.03E-13	302.023958	244.234347	247.018837	952.964837	682.669127	678.193363	Sema6d
ENSMUSG00000014329	2.493983348	1.318451833	3.06E-14	5.08E-13	1769.14728	1705.11757	1633.60504	3703.32496	3753.76997	5284.63849	Bicc1
ENSMUSG00000034786	4.346574266	2.119878795	3.08E-14	5.12E-13	128.989399	79.1500199	111.93041	323.136481	522.469439	548.740914	Gpsm3
ENSMUSG00000028121	0.424362671	-1.236630339	3.16E-14	5.25E-13	996.259585	1095.66242	1272.72596	527.871808	433.267339	466.257937	Bcar3
ENSMUSG00000003812	3.122737754	1.642811418	3.21E-14	5.32E-13	216.031026	157.169325	192.018549	465.38231	633.51695	669.028588	Dnase2a
ENSMUSG00000076498	16.41573609	4.037007537	3.27E-14	5.40E-13	6.2921658	6.78428742	2.89475199	61.6672673	104.675933	92.7933487	Trbc2
ENSMUSG00000027368	6.032835425	2.592836226	3.29E-14	5.44E-13	27.2660518	21.4835768	40.5265279	134.023528	191.147356	217.663411	Dusp2
ENSMUSG00000048534	12.72339345	3.669411597	3.36E-14	5.55E-13	8.3895544	6.78428742	7.71933864	63.3117277	124.700894	104.249318	Jaml
ENSMUSG00000035969	0.462542595	-1.112341866	3.37E-14	5.57E-13	2877.61716	3196.53009	2585.97845	1484.9478	1301.62247	1216.62391	Rusc2
ENSMUSG00000090942	13.12982507	3.71477579	3.38E-14	5.57E-13	24.1199689	9.04571656	12.5439253	138.956909	331.322083	130.598046	F830016B08Rik
ENSMUSG00000027868	3.911792163	1.967829721	3.40E-14	5.59E-13	262.173575	243.103633	224.825738	650.384112	1315.27585	890.128789	Tbx15
ENSMUSG00000032261	3.018728832	1.593941167	3.63E-14	5.97E-13	83.895544	74.6271616	82.0179731	260.646983	223.005248	242.866542	Sh3bgrl2
ENSMUSG00000022102	5.356101557	2.421183316	3.72E-14	6.12E-13	69.2138238	52.0128702	64.6494611	199.801946	418.703731	379.192573	Dok2
ENSMUSG00000029516	4.736872445	2.243934823	3.83E-14	6.28E-13	105.918124	44.0978682	67.5442131	357.67015	337.693662	336.805488	Cit
ENSMUSG00000040420	0.039533434	-4.6607829	4.06E-14	6.65E-13	54.5321036	74.6271616	85.8776424	2.46669069	2.73067651	3.43679069	Cdh18
ENSMUSG00000026896	2.864632809	1.518350225	4.11E-14	6.73E-13	189.813668	234.057916	206.492309	541.849722	731.821304	530.411364	Ifih1
ENSMUSG00000028068	5.768108832	2.528098386	4.26E-14	6.96E-13	25.1686632	21.4835768	19.2983466	137.312448	141.995178	99.6669301	Iqgap3
ENSMUSG00000009772	6.471441383	2.694087079	4.75E-14	7.75E-13	36.7043005	28.2678643	20.2632639	123.334535	215.723444	211.935426	Nuak2
ENSMUSG00000040856	18.61712788	4.218558616	4.78E-14	7.79E-13	12.5843316	4.52285828	4.82458665	98.6676276	87.3816483	223.391395	Dlk1
ENSMUSG00000052609	0.399052047	-1.325351169	4.99E-14	8.13E-13	3274.0236	4274.10108	3847.1254	1814.66212	1398.10637	1332.32919	Plekhg3
ENSMUSG00000026888	0.374662048	-1.416338252	5.02E-14	8.17E-13	604.047917	716.873038	863.601011	261.469213	260.324494	297.855193	Grb14
ENSMUSG00000028033	0.226305903	-2.143653881	5.15E-14	8.37E-13	196.105834	176.391473	222.895903	31.2447488	51.8828537	52.6974573	Kcnq5
ENSMUSG00000039242	0.438770779	-1.188460647	5.24E-14	8.52E-13	2026.07739	2402.76846	2451.85494	1012.98764	1135.96143	868.362448	B3galnt2
ENSMUSG00000056004	0.166676322	-2.584878922	5.33E-14	8.66E-13	126.89201	102.895026	93.596981	16.4446046	18.2045101	19.4751473	9330182L06Rik
ENSMUSG00000052934	0.46023135	-1.119568834	5.36E-14	8.69E-13	1848.84805	1994.5805	1825.62359	756.451812	994.876475	858.052076	Fbxo31
ENSMUSG00000035274	4.051187847	2.018344982	5.38E-14	8.71E-13	58.7268808	39.57501	45.3511145	174.312809	184.775777	224.536992	Tpbg
ENSMUSG00000024079	2.648874721	1.405379613	5.55E-14	8.98E-13	436.256829	409.318674	446.756724	886.364188	1231.53511	1308.27166	Eif2ak2
ENSMUSG00000001661	2.888054844	1.530098139	5.66E-14	9.14E-13	250.637938	199.005764	186.229045	587.894615	527.930792	721.726046	Hoxc6
ENSMUSG00000027239	4.311374695	2.10814795	5.65E-14	9.14E-13	190.862363	176.391473	220.966069	859.230591	526.110341	1153.61608	Mdk
ENSMUSG00000028035	0.411623783	-1.280601755	5.66E-14	9.14E-13	4036.42436	4354.38181	5034.93863	2148.48759	1849.57822	1525.93507	Dnajb4
ENSMUSG00000066861	16.03239625	4.002918166	5.70E-14	9.19E-13	9.4382487	11.3071457	7.71933864	69.0673393	245.760886	139.762822	Oas1g
ENSMUSG00000052911	0.439744351	-1.18526305	6.30E-14	1.01E-12	16629.1455	18867.1033	17115.7036	9197.46736	7330.9562	6604.36611	Lamb2

ENSMUSG00000022594	0.457028524	-1.129643885	6.40E-14	1.03E-12	2300.83529	2601.77423	2895.71691	1123.98872	1330.74969	1108.9378	Lynx1
ENSMUSG00000022180	3.842032403	1.941869686	6.51E-14	1.05E-12	76.5546839	62.1893014	68.5091305	199.801946	295.823288	302.437581	Slc7a8
ENSMUSG00000045322	19.41340766	4.278981473	7.00E-14	1.12E-12	5.2434715	3.39214371	4.82458665	74.822951	125.611119	61.8622325	Tlr9
ENSMUSG00000060206	3.468739556	1.794411522	7.46E-14	1.20E-12	100.674653	84.8035928	72.3687998	350.270078	249.401788	293.272806	Zfp462
ENSMUSG00000055003	0.10695568	-3.224914989	7.77E-14	1.24E-12	102.772041	123.247888	86.8425597	9.86676276	17.2942846	5.72798449	Lrtm2
ENSMUSG00000039037	5.030988061	2.330841766	7.97E-14	1.28E-12	44.0451606	35.0521517	27.0176853	166.090507	146.546306	221.100201	St6galnac5
ENSMUSG00000001333	0.200846835	-2.31583237	7.98E-14	1.28E-12	542.174953	730.441612	753.600435	160.334895	173.853071	71.0270077	Sync
ENSMUSG00000071042	4.453540879	2.154952837	8.19E-14	1.31E-12	133.184176	76.8885908	62.7196265	411.115115	446.010496	356.280635	Rasgrp3
ENSMUSG00000045103	0.333688226	-1.583427314	8.70E-14	1.39E-12	3977.69748	4078.48745	4590.11174	1819.5955	1378.08141	1019.58124	Dmd
ENSMUSG00000001281	9.137478715	3.19179614	8.82E-14	1.40E-12	33.5582176	35.0521517	15.4386773	147.179211	385.935613	231.410573	Itgb7
ENSMUSG00000042599	2.072536384	1.051397429	9.05E-14	1.44E-12	607.194	569.880143	547.108126	1063.96592	1260.66232	1249.84622	Kdm7a
ENSMUSG00000019960	2.502463301	1.323348912	9.28E-14	1.48E-12	598.804445	438.717253	554.827465	1224.30081	1240.63736	1523.64387	Dusp6
ENSMUSG00000027199	4.494250703	2.168080605	9.71E-14	1.54E-12	127.940705	125.509317	63.6845438	374.114755	539.763723	508.645023	Gatm
ENSMUSG00000044442	0.457357116	-1.128606996	1.04E-13	1.64E-12	878.805823	1019.90454	855.881672	440.715403	381.384486	437.618015	N6amt1
ENSMUSG00000026749	2.182343681	1.125878318	1.06E-13	1.69E-12	285.24485	290.593645	278.861108	570.62778	618.953342	677.047766	Nek6
ENSMUSG00000000409	10.32568471	3.368165547	1.07E-13	1.70E-12	12.5843316	11.3071457	9.6491733	69.0673393	151.097434	126.015659	Lck
ENSMUSG00000025461	12.12158802	3.599506811	1.08E-13	1.71E-12	8.3895544	6.78428742	4.82458665	70.7117998	99.2145798	71.0270077	Cd163l1
ENSMUSG00000020649	3.800853407	1.926323384	1.11E-13	1.75E-12	69.2138238	47.490012	53.0704532	181.712881	231.197278	233.701767	Rrm2
ENSMUSG00000085271	0.073497009	-3.766170647	1.15E-13	1.81E-12	57.6781865	93.8493093	100.351402	8.2223023	6.37157852	3.43679069	E130006D01Rik
ENSMUSG00000026399	2.979196961	1.574923506	1.17E-13	1.84E-12	330.338704	236.319345	274.036522	906.097714	945.724298	651.844635	Cd55
ENSMUSG00000109143	0.115444289	-3.114731291	1.19E-13	1.87E-12	72.3599067	80.2807345	82.0179731	9.86676276	10.0124805	6.87358139	Gm10046
ENSMUSG00000027379	10.30044628	3.36463494	1.21E-13	1.90E-12	10.486943	7.91500199	4.82458665	77.2896417	80.0998443	80.1917828	Bub1
ENSMUSG00000074039	0.27160734	-1.880405629	1.22E-13	1.92E-12	281.050072	412.710818	318.422719	113.467772	85.5611973	74.4637983	4930520O04Rik
ENSMUSG00000002266	6.612186717	2.725127464	1.24E-13	1.95E-12	27.2660518	21.4835768	17.3685119	196.513025	117.41909	121.433271	Zim1
ENSMUSG00000054000	0.427621338	-1.225594249	1.32E-13	2.07E-12	392.211668	404.795816	441.932137	167.734967	183.865552	178.713116	Tusc1
ENSMUSG00000027347	11.68113147	3.54610812	1.35E-13	2.11E-12	11.5356373	9.04571656	5.78950398	76.4674114	143.815629	85.9197673	Rasgrp1
ENSMUSG00000024043	5.309325839	2.408528684	1.39E-13	2.18E-12	48.2399378	21.4835768	39.5616105	230.224464	172.03262	179.858713	Arhgap28
ENSMUSG00000019929	2.391902587	1.258158635	1.39E-13	2.18E-12	25041.7712	21316.2311	25026.0959	54193.1945	47596.6018	68958.0597	Dcn
ENSMUSG00000031838	2.6191374	1.389091746	1.45E-13	2.27E-12	513.860207	617.370155	590.529406	1176.61146	1740.35116	1593.52528	Ifi30
ENSMUSG00000065445	0.255268267	-1.969913893	1.46E-13	2.29E-12	277.903989	447.76297	315.527967	106.0677	87.3816483	71.0270077	Mir143
ENSMUSG00000006675	0.335240439	-1.576731906	1.54E-13	2.40E-12	393.260362	516.736559	493.072756	189.112953	134.713374	145.490806	P4htm
ENSMUSG00000039646	0.40330088	-1.31007154	1.58E-13	2.46E-12	3277.16969	3951.84742	4616.16451	1591.83773	1378.08141	1808.8975	Vasn
ENSMUSG00000038357	93.83493575	6.552053248	1.59E-13	2.47E-12	2.0973886	0	1.92983466	71.53403	230.287052	87.0653642	Camp
ENSMUSG00000036777	0.379986986	-1.395978085	1.61E-13	2.50E-12	735.134704	885.349509	1045.00547	363.425762	354.987946	293.272806	Anln
ENSMUSG00000021262	3.545791567	1.826107733	1.61E-13	2.50E-12	224.42058	115.332886	180.439541	550.894254	634.427176	662.155007	Evl
ENSMUSG00000041731	0.434444575	-1.20275596	1.65E-13	2.55E-12	5217.25414	4940.09196	4758.00736	2526.7135	2201.83549	1748.18087	Pgm5
ENSMUSG00000048327	5.154251395	2.365762905	1.71E-13	2.65E-12	26.2173575	23.745006	19.2983466	107.71216	133.803149	114.55969	Ckap2l
ENSMUSG00000096929	0.311031816	-1.684865932	1.71E-13	2.65E-12	599.853139	678.428742	509.47635	234.335616	177.493973	142.054015	A330023F24Rik
ENSMUSG00000028116	0.090852578	-3.460328736	1.83E-13	2.83E-12	324.046539	333.560798	445.791807	8.2223023	53.7033047	38.9502945	Myoz2
ENSMUSG00000027832	10.17469226	3.346913255	1.89E-13	2.92E-12	22.0225803	20.3528623	28.9475199	111.001081	223.915474	394.085333	Ptx3
ENSMUSG00000034349	2.606600948	1.382169733	1.92E-13	2.96E-12	1038.20736	1135.23743	1014.12811	2195.35471	2666.0505	3449.39226	Smc4
ENSMUSG00000028479	0.420581346	-1.249543233	1.94E-13	2.99E-12	1010.9413	1252.83174	1378.86687	558.294326	476.047938	497.189054	Gne
ENSMUSG00000028358	7.831194244	2.969232333	1.95E-13	3.00E-12	7.3408601	22.6142914	15.4386773	109.356621	108.316835	136.326031	Zfp618
ENSMUSG00000043740	58.08201582	5.86001962	1.95E-13	3.00E-12	1.0486943	1.13071457	2.89475199	50.156044	129.252021	122.578868	B430306N03Rik
ENSMUSG00000033952	8.274151467	3.048611368	2.08E-13	3.20E-12	12.5843316	13.5685748	11.579008	135.667988	99.2145798	75.6093952	Aspm
ENSMUSG00000079298	29.47077977	4.881213328	2.13E-13	3.27E-12	2.0973886	2.26142914	3.85966932	50.9782743	107.406609	87.0653642	Klrb1b
ENSMUSG00000033031	4.896651402	2.291795493	2.15E-13	3.29E-12	37.7529948	20.3528623	30.8773546	160.334895	144.725855	131.743643	C330027C09Rik
ENSMUSG00000074934	11.60194927	3.536295311	2.21E-13	3.40E-12	5.2434715	10.1764311	7.71933864	95.3787067	109.22706	61.8622325	Grem1
ENSMUSG00000031710	0.01081512	-6.530806486	2.25E-13	3.45E-12	5128.11513	773.408766	960.092744	32.066979	23.6658631	18.3295504	Ucp1
ENSMUSG00000034488	15.57367927	3.961037915	2.26E-13	3.45E-12	15.7304145	9.04571656	6.75442131	222.824392	65.5362362	201.625054	Edil3
ENSMUSG00000050493	8.9302651	3.158703003	2.32E-13	3.55E-12	20.973886	6.78428742	13.5088426	91.2675556	150.187208	129.452449	Fam167b
ENSMUSG00000094335	34.84355618	5.12281997	2.33E-13	3.56E-12	2.0973886	2.26142914	1.92983466	86.3341742	71.9078147	59.5710387	Igkv1-117
ENSMUSG00000037446	0.24821087	-2.010361798	2.36E-13	3.60E-12	147.865896	167.345756	149.562186	34.5336697	33.6783436	48.1150697	Tulp1
ENSMUSG00000031075	0.309382692	-1.692535604	2.40E-13	3.65E-12	1632.81702	2375.63131	2447.03035	855.11944	605.29996	534.993751	Ano1
ENSMUSG00000026630	8.138355664	3.024737331	2.46E-13	3.75E-12	15.7304145	13.5685748	13.5088426	75.6451812	148.366757	124.870062	Batf3
ENSMUSG00000037820	0.496513787	-1.010094317	2.56E-13	3.89E-12	15148.3892	19352.1799	16386.2261	7936.16618	8952.97805	8376.60452	Tgm2
ENSMUSG00000030830	12.02513955	3.587981732	2.63E-13	4.00E-12	17.8278031	48.6207265	8.68425597	235.980076	415.062829	244.012139	Itgal
ENSMUSG00000037944	33.57505262	5.069317755	2.66E-13	4.04E-12	3.1460829	2.26142914	1.92983466	50.156044	87.3816483	108.831705	Ccr7
ENSMUSG00000043157	6.180785243	2.627790138	2.68E-13	4.07E-12	23.0712746	12.4378603	20.2632639	96.2009369	129.252021	121.433271	Arl11
ENSMUSG00000001435	0.397891484	-1.329553073	2.75E-13	4.17E-12	20805.0462	28892.0187	28945.5901	12021.006	10262.7925	9005.53721	Col18a1
ENSMUSG00000109635	0.205154947	-2.285214149	2.78E-13	4.21E-12	142.622425	132.293605	148.597269	32.8892092	34.5885691	18.3295504	Gm45670
ENSMUSG00000031661	0.405514111	-1.302175978	2.81E-13	4.25E-12	1766.0012	2559.93779	2386.24056	858.40836	865.624453	998.960495	Nkd1
ENSMUSG00000015968	0.350700785	-1.511687434	2.83E-13	4.28E-12	233.858829	266.848639	269.211935	83.8674835	100.124805	85.9197673	Cacna1d
ENSMUSG00000051735	4.758338508	2.250457909	2.86E-13	4.33E-12	45.0938549	50.8821557	34.7370239	157.868204	267.606298	194.751473	Rinl
ENSMUSG00000036578	0.205412666	-2.28340295	2.87E-13	4.34E-12	162.547616	232.927201	143.772682	33.7114394	31.8578926	45.8238759	Fxyd7
ENSMUSG00000001657	4.459482094	2.156876171	2.91E-13	4.38E-12	418.429026	293.985788	265.352266	938.986923	1347.13374	2075.82158	Hoxc8
ENSMUSG00000034898	0.38937107	-1.360782396	2.91E-13	4.39E-12	1559.40842	1697.20257	1774.48297	802.496705	637.157852	516.664201	Filip1
ENSMUSG00000007867	0.461819812	-1.114598028	3.04E-13	4.57E-12	750.865119	930.578091	835.618408	362.603532	400.499221	399.813317	Ift43
ENSMUSG00000051212	4.957302744	2.309555367	3.05E-13	4.59E-12	19.9251917	23.745006	24.1229333	113.467772	119.239541	103.103721	Gpr183
ENSMUSG00000000244	8.450918058	3.079108076	3.24E-13	4.87E-12	23.0712746	9.04571656	15.4386773	90.4453253	164.750816	148.927597	Tspan32
ENSMUSG00000031805	3.163830217	1.661672182	3.24E-13	4.87E-12	302.023958	183.17576	223.860821	875.675195	728.180402	639.243069	Jak3
ENSMUSG00000020312	2.39876448	1.262291515	3.32E-13	4.98E-12	282.098767	270.240782	312.633215	700.540156	593.467028	783.588278	Shc2
ENSMUSG00000037656	0.499371356	-1.001815024	3.32E-13	4.98E-12	1661.13177	2031.89408	2035.01065	932.409081	969.390161	958.864603	Slc20a2
ENSMUSG00000000197	0.2865161	-1.803311884	3.42E-13	5.12E-12	602.999222	641.115161	713.073907	259.824753	144.725855	154.655581	Nalcn
ENSMUSG00000038236	0.493481103	-1.018933255	3.44E-13	5.14E-12	729.891233	768.885908	756.495187	341.225546	376.833358	396.376527	Hoxa7
ENSMUSG00000021796	0.418250379	-1.257561246	3.52E-13	5.25E-12	4257.69886	4500.24399	5591.69593	2352.40069	1873.24409	1774.52959	Bmpr1a
ENSMUSG00000034926	0.418793417	-1.255689329	3.64E-13	5.42E-12	507.568041	480.553692	411.054783	184.179572	204.800738	197.042666	Dhcr24

ENSMUSG00000053318	19.80782462	4.307998541	3.77E-13	5.62E-12	6.2921658	6.78428742	8.68425597	57.5561161	251.222239	123.724465	Slamf8
ENSMUSG00000021559	2.798480408	1.484643648	3.85E-13	5.73E-12	455.133326	361.828662	520.090441	1165.92247	1065.87406	1514.4791	Dapk1
ENSMUSG00000056054	116.5557059	6.864875822	3.91E-13	5.82E-12	9.4382487	5.65357285	3.85966932	377.403676	1585.61283	241.720945	S100a8
ENSMUSG00000025324	0.394035541	-1.343602332	3.94E-13	5.85E-12	1366.44867	1579.60825	1648.0788	735.896056	577.082969	494.89786	Atp10a
ENSMUSG00000027962	2.161243572	1.111861673	3.97E-13	5.89E-12	1057.08385	1232.47888	1139.56737	2280.04443	2872.67169	2256.82589	Vcam1
ENSMUSG00000026126	5.361773938	2.422710394	3.98E-13	5.90E-12	106.966819	81.4114491	58.8599572	265.580364	481.509291	578.526433	Ptpn18
ENSMUSG00000022122	3.641819546	1.864659438	4.07E-13	6.02E-12	163.596311	88.1957365	152.456938	559.116557	424.165084	491.461069	Ednrb
ENSMUSG00000030365	31.55616218	4.979849852	4.11E-13	6.08E-12	3.1460829	2.26142914	1.92983466	50.156044	97.3941288	83.6285735	Clec2i
ENSMUSG00000057457	0.285411906	-1.808882575	4.36E-13	6.44E-12	242.248383	237.45006	241.229333	82.223023	73.7282657	48.1150697	Phex
ENSMUSG00000035637	0.457724631	-1.127448166	4.37E-13	6.46E-12	639.703523	643.37659	555.792382	277.091588	263.965396	301.291984	Grhpr
ENSMUSG00000035559	0.499404889	-1.001718151	4.41E-13	6.51E-12	617.680943	668.252311	634.915603	311.625257	320.399377	327.640713	Mpv17l2
ENSMUSG00000074342	10.11197513	3.337992915	4.42E-13	6.52E-12	6.2921658	10.1764311	11.579008	64.9561882	115.598639	104.249318	I830077J02Rik
ENSMUSG00000040964	0.416554882	-1.263421509	4.45E-13	6.55E-12	1972.59398	2642.47995	2711.4177	895.408721	1106.83421	1050.51236	Arhgef10l
ENSMUSG00000027737	67.4178161	6.075057989	4.79E-13	7.05E-12	1.0486943	2.26142914	3.85966932	41.9337417	332.232309	114.55969	Slc7a11
ENSMUSG00000026854	0.450847091	-1.149289883	4.81E-13	7.08E-12	967.944839	1255.09317	1032.46154	465.38231	480.599066	522.392185	Usp20
ENSMUSG00000036144	2.710782544	1.438709386	5.71E-13	8.37E-12	640.752217	463.592974	438.072468	1627.19363	1285.23841	1267.03017	Meox2
ENSMUSG00000029373	3.487758246	1.802300043	5.85E-13	8.57E-12	197.154528	150.385038	201.667722	481.004685	595.287479	843.159317	Pf4
ENSMUSG00000039899	0.466605581	-1.099724531	5.88E-13	8.61E-12	9559.89724	9139.56587	11680.3243	5162.78362	4829.65652	4181.42868	Fgl2
ENSMUSG00000028487	5.187449321	2.375025337	5.92E-13	8.66E-12	44.0451606	33.9214371	28.9475199	217.068781	127.43157	209.644232	Bnc2
ENSMUSG00000029915	8.100961991	3.018093239	6.47E-13	9.44E-12	25.1686632	20.3528623	17.3685119	105.245469	260.324494	143.199612	Clec5a
ENSMUSG00000041235	5.156582745	2.366415312	6.47E-13	9.44E-12	201.349306	131.16289	118.684832	444.826555	821.023404	1061.96832	Chd7
ENSMUSG00000026655	2.541294525	1.345563587	6.57E-13	9.57E-12	297.829181	204.659337	251.843423	626.539436	689.950931	601.438371	Fam107b
ENSMUSG00000026822	4.157332457	2.055658123	6.61E-13	9.62E-12	96.4798756	82.5421636	85.8776424	297.647343	517.918311	285.253628	Lcn2
ENSMUSG00000040296	2.154135038	1.107108692	6.63E-13	9.64E-12	460.376798	542.742994	483.423583	995.720809	1202.40789	1002.39729	Ddx58
ENSMUSG00000038112	5.547183105	2.471755348	6.71E-13	9.74E-12	55.5807979	26.0064351	41.4914452	250.78022	159.289463	274.943255	AW551984
ENSMUSG00000035187	0.082218108	-3.604400014	6.80E-13	9.87E-12	91.2364041	90.4571656	139.913013	5.75561161	4.55112752	17.1839535	Nkx6-1
ENSMUSG00000027318	0.359071239	-1.477657995	6.90E-13	9.99E-12	2717.16693	3576.45019	2249.2223	979.276204	896.572121	1192.56637	Adam33
ENSMUSG00000110071	0.185057073	-2.43395782	6.92E-13	1.00E-11	101.723347	137.947178	168.860533	25.4891371	29.1272161	20.6207442	Gm45512
ENSMUSG00000002297	3.994238529	1.997920491	7.11E-13	1.03E-11	39.8503834	49.7514411	38.5966932	138.956909	184.775777	187.877891	Dbf4
ENSMUSG00000021268	3.366770909	1.751365557	7.22E-13	1.04E-11	3963.01576	4011.7753	3101.2443	10496.5911	9270.64675	17524.1957	Meg3
ENSMUSG00000074813	5.76170276	2.526495235	7.26E-13	1.05E-11	23.0712746	19.2221477	15.4386773	90.4453253	123.790668	117.99648	Gm14005
ENSMUSG00000030306	0.373383104	-1.421271449	7.30E-13	1.05E-11	4766.31559	4401.87182	4920.11347	2204.39925	1749.45342	1303.68927	Tmtc1
ENSMUSG00000072596	7.153696909	2.838688995	7.33E-13	1.06E-11	23.0712746	18.0914331	12.5439253	143.89029	152.007659	85.9197673	Ear2
ENSMUSG00000036526	16.73067573	4.06442381	7.48E-13	1.08E-11	5.2434715	6.78428742	2.89475199	55.9116557	113.778188	76.7549921	Card11
ENSMUSG00000027331	5.63714777	2.494965386	7.53E-13	1.08E-11	27.2660518	39.57501	21.2281813	119.223383	188.416679	186.732294	Knstrn
ENSMUSG00000041378	2.150209191	1.104477025	7.77E-13	1.12E-11	1432.51641	1156.72101	1213.866	2405.84565	2731.58673	3042.70536	Cldn5
ENSMUSG00000045730	3.324990832	1.733350363	7.80E-13	1.12E-11	61.8729637	62.1893014	60.7897918	171.023888	216.63367	227.973783	Adrb2
ENSMUSG00000104291	19.82914228	4.30955037	7.90E-13	1.13E-11	12.5843316	7.91500199	7.71933864	54.2671952	191.147356	315.039147	A130071D04Rik
ENSMUSG00000024420	2.911651162	1.54183752	8.02E-13	1.15E-11	371.237782	297.377932	326.142058	1233.34535	893.841444	767.549921	Zfp521
ENSMUSG00000073758	0.372862301	-1.423285157	8.14E-13	1.17E-11	331.387399	403.665102	330.966644	148.823672	129.252021	117.99648	Sh3d21
ENSMUSG00000078945	5.023107468	2.328580141	8.15E-13	1.17E-11	38.8016891	32.7907225	37.6317759	187.468493	235.748405	124.870062	Naip2
ENSMUSG00000030157	2.742885977	1.45569465	8.28E-13	1.18E-11	928.094455	889.872367	770.968947	1743.95032	2514.04284	2844.5171	Clec2d
ENSMUSG00000004677	0.443393117	-1.173341722	8.39E-13	1.20E-11	5889.46719	7418.6183	5386.16854	3068.56322	2630.5517	2587.90339	Myo9b
ENSMUSG00000064080	2.107759164	1.075710032	8.53E-13	1.22E-11	3506.83374	2912.72073	3317.38578	7681.27481	6944.11036	5896.38723	Fbln2
ENSMUSG00000015243	3.502360341	1.808327523	8.54E-13	1.22E-11	1112.66465	741.748758	854.916755	4389.06497	2627.82103	2471.05251	Abca1
ENSMUSG00000030852	0.332456281	-1.588763463	8.63E-13	1.23E-11	4357.32482	4909.56266	4950.99082	1110.83304	2082.59595	1533.95425	Tacc2
ENSMUSG00000019254	0.460042116	-1.120162153	9.68E-13	1.38E-11	6896.21372	8811.65865	7058.37027	3082.54113	3522.5727	3869.82632	Ppp1r12c
ENSMUSG00000086825	3.773473589	1.915893177	9.73E-13	1.38E-11	78.6520725	49.7514411	62.7196265	230.224464	288.541484	202.770651	Gm15675
ENSMUSG00000022548	2.608794736	1.383383435	9.77E-13	1.39E-11	874.611046	710.08875	574.125812	2015.28629	2009.77791	1603.83566	Apod
ENSMUSG00000034723	0.45267306	-1.143458645	9.77E-13	1.39E-11	1637.0118	1702.85614	1908.60648	898.697642	809.190472	665.591798	Tmx4
ENSMUSG00000027408	2.645695391	1.403646968	9.98E-13	1.41E-11	822.176331	736.095185	774.828616	2437.91263	1521.89704	2213.29321	Cpxm1
ENSMUSG00000028843	2.731115438	1.449490295	9.99E-13	1.41E-11	1019.33086	860.473788	861.671176	1824.52888	2742.50944	2922.41769	Sh3bgrl3
ENSMUSG00000049588	0.365505787	-1.452033846	1.00E-12	1.41E-11	294.683098	377.658666	330.966644	136.490218	120.149766	108.831705	Ccdc69
ENSMUSG00000043415	0.331842077	-1.591431264	1.00E-12	1.42E-11	1149.36895	1138.62957	1864.22028	425.093029	457.843428	496.043457	Otud1
ENSMUSG00000047712	0.410831598	-1.283380947	1.00E-12	1.42E-11	813.786777	807.330203	846.232499	407.826194	279.439229	325.349519	Ust
ENSMUSG00000021458	0.43779542	-1.191671232	1.01E-12	1.42E-11	4074.17735	5978.08793	4925.90297	2143.55421	2112.63339	2301.50417	2010111I01Rik
ENSMUSG00000048234	2.557245959	1.354590928	1.03E-12	1.46E-11	280.001378	209.182195	261.492597	573.094471	736.372432	611.748743	Rnf149
ENSMUSG00000051855	8.454432167	3.079707861	1.05E-12	1.47E-11	54.5321036	39.57501	64.6494611	800.852244	245.760886	296.709596	Mest
ENSMUSG00000019647	2.987181849	1.578785067	1.06E-12	1.49E-11	269.514435	160.561469	188.158879	653.673033	561.609135	632.369487	Sema6a
ENSMUSG00000021384	13.04716073	3.705663983	1.15E-12	1.62E-11	10.486943	10.1764311	2.89475199	64.9561882	131.072472	107.686108	Susd3
ENSMUSG00000019850	2.639726841	1.400388647	1.17E-12	1.64E-11	189.813668	189.960048	169.82545	432.493101	581.634096	435.326821	Tnfaip3
ENSMUSG00000022518	0.176188614	-2.504807399	1.21E-12	1.70E-11	142.622425	230.665772	131.228757	37.8225906	27.3067651	22.911938	4930562C15Rik
ENSMUSG00000042286	2.345813839	1.230088527	1.22E-12	1.71E-11	2813.64681	2018.32551	2211.59052	6255.52759	5340.29303	4926.06666	Stab1
ENSMUSG00000028873	5.285470947	2.402032025	1.23E-12	1.73E-11	23.0712746	24.8757205	22.1930986	93.7342463	131.982698	145.490806	Cdca8
ENSMUSG00000097705	23.04839572	4.52659443	1.24E-12	1.74E-11	2.0973886	3.39214371	4.82458665	46.0448929	104.675933	89.356558	Gm26740
ENSMUSG00000056445	0.230084141	-2.119766551	1.38E-12	1.93E-11	142.622425	218.227912	180.439541	51.8005045	36.4090201	35.5135038	Hoxaas2
ENSMUSG00000086712	16.21682514	4.019419497	1.40E-12	1.96E-11	3.1460829	7.91500199	1.92983466	69.8895696	65.5362362	69.8814108	AI427809
ENSMUSG00000026494	2.723665718	1.445549649	1.42E-12	1.99E-11	222.323192	236.319345	304.913876	780.296489	571.621616	729.745224	Kif26b
ENSMUSG00000020260	0.482355568	-1.051831076	1.46E-12	2.03E-11	2380.53606	2925.15859	3021.15616	1460.28089	1297.07134	1257.86539	Pofut2
ENSMUSG00000027669	0.447225887	-1.160924396	1.48E-12	2.06E-11	2376.34128	2697.88496	3155.27967	1395.3247	1130.50007	1153.61608	Gnb4
ENSMUSG00000025372	2.454662111	1.295524448	1.53E-12	2.12E-11	529.590621	405.926531	360.879082	1102.61074	975.761739	1103.20981	Baiap2
ENSMUSG00000043673	0.272865083	-1.873740303	1.55E-12	2.16E-11	374.383865	477.161549	455.44098	163.623816	86.4714228	105.394915	Kcns3
ENSMUSG00000057706	4.573793654	2.19339128	1.63E-12	2.26E-11	38.8016891	30.5292934	32.8071892	185.001802	117.41909	164.965953	Mex3b
ENSMUSG00000050730	2.394175316	1.259528799	1.64E-12	2.28E-11	246.44316	194.482906	230.615242	580.494543	551.596655	475.422713	Arhgap42
ENSMUSG00000068245	2.644115679	1.402785296	1.67E-12	2.32E-11	200.300611	223.881485	210.351978	506.493822	685.399804	484.587488	Phf11d
ENSMUSG00000018983	6.915533719	2.789840598	1.77E-12	2.45E-11	26.2173575	20.3528623	15.4386773	107.71216	202.980287	116.850884	E2f2
ENSMUSG00000024598	283.0631531	8.144980153	1.89E-12	2.60E-11	3.1460829	0	1.92983466	267.224825	195.698483	994.378107	Fbn2

ENSMUSG00000063626	0.063647881	-3.97374371	1.98E-12	2.73E-11	54.5321036	66.7121596	85.8776424	2.46669069	7.28180402	3.43679069	Unc5d
ENSMUSG00000098557	2.201069972	1.138205009	2.02E-12	2.78E-11	973.18831	725.918754	843.337747	1736.55025	1786.77266	2075.82158	Kctd12
ENSMUSG00000015869	0.498517711	-1.004283333	2.04E-12	2.81E-11	1785.92639	2234.29199	2095.80044	968.587211	987.594671	1094.04504	Prpsap1
ENSMUSG00000039981	14.41036675	3.849035148	2.04E-12	2.81E-11	7.3408601	2.26142914	6.75442131	54.2671952	85.5611973	99.6669301	Zc3h12d
ENSMUSG00000030616	2.552350863	1.351826665	2.07E-12	2.84E-11	195.05714	165.084327	166.930698	522.116196	415.062829	406.686899	Sytl2
ENSMUSG00000001053	2.921551465	1.546734703	2.15E-12	2.95E-11	120.599844	87.0650219	97.4566504	261.469213	304.015318	327.640713	N4bp3
ENSMUSG00000072082	6.777343178	2.760719826	2.21E-12	3.03E-11	12.5843316	15.830004	11.579008	74.822951	89.2020993	106.540511	Ccnf
ENSMUSG00000043366	4.197794805	2.069631647	2.24E-12	3.07E-11	103.820736	148.123609	95.5268157	651.206342	473.317262	329.931907	Olfr78
ENSMUSG00000049907	0.446500613	-1.163265938	2.27E-12	3.11E-11	1219.63147	1438.26893	1431.93732	606.80591	518.828537	702.250898	Rasl11b
ENSMUSG00000020926	0.263932979	-1.921756465	2.28E-12	3.12E-11	480.301989	763.232335	779.653203	232.691155	131.072472	169.548341	Adam11
ENSMUSG00000033526	0.452512873	-1.143969261	2.30E-12	3.14E-11	1129.44376	1166.89744	1002.54911	559.938787	509.726282	420.434061	Ppip5k1
ENSMUSG00000091649	6.966659964	2.800467148	2.30E-12	3.14E-11	37.7529948	47.490012	28.9475199	130.734607	354.077721	309.311162	Phf11b
ENSMUSG00000027940	2.061735427	1.04385921	2.34E-12	3.20E-11	2830.42592	2761.20498	2594.6627	4719.60152	5799.04668	6361.49957	Tpm3
ENSMUSG00000001750	2.440450741	1.287147632	2.37E-12	3.22E-11	1034.01258	1170.28958	863.601011	2035.84205	2811.68658	2638.30966	Tcirg1
ENSMUSG00000049929	3.868878504	1.951915424	2.37E-12	3.22E-11	93.3337927	91.5878802	87.8074771	257.358062	314.027799	485.733085	Lpar4
ENSMUSG00000030793	3.370029783	1.752761341	2.48E-12	3.37E-11	92.2850984	85.9343073	80.0881384	218.713241	348.616368	303.583178	Pycard
ENSMUSG00000037849	69.71083433	6.12331099	2.49E-12	3.38E-11	2.0973886	3.39214371	0	36.1781301	189.326905	144.345209	Ifi206
ENSMUSG00000022534	62.751382	5.971575327	2.50E-12	3.40E-11	0	4.52285828	0	64.9561882	123.790668	76.7549921	Mefv
ENSMUSG00000020542	0.253800483	-1.978233278	2.60E-12	3.52E-11	1039.25605	1166.89744	1144.39195	402.070583	282.169906	163.820356	Myocd
ENSMUSG00000024795	6.388183316	2.675405713	2.75E-12	3.73E-11	23.0712746	10.1764311	20.2632639	122.512304	129.252021	91.6477518	Kif20b
ENSMUSG00000003418	4.764089087	2.252200392	2.80E-12	3.80E-11	79.7007668	40.7057245	42.4563625	315.736408	253.04269	206.207442	St8sia6
ENSMUSG00000075318	0.355769217	-1.490986407	2.91E-12	3.93E-11	330.338704	383.312239	410.089865	148.001441	105.586158	146.636403	Scn2a
ENSMUSG00000039137	0.278100452	-1.846322003	2.97E-12	4.01E-11	298.877875	331.299369	288.510282	115.934462	62.8055597	75.6093952	Whrn
ENSMUSG00000028465	0.481470411	-1.054480955	3.05E-12	4.12E-11	12532.9456	15990.5655	13292.7011	7406.64991	6756.60391	5967.41424	Tln1
ENSMUSG00000076934	57.16945233	5.837172564	3.07E-12	4.14E-11	1.0486943	2.26142914	1.92983466	68.2451091	178.404199	51.5518604	Iglv1
ENSMUSG00000026069	5.585577796	2.481706527	3.10E-12	4.18E-11	28.3147461	28.2678643	16.4035946	109.356621	170.212169	126.015659	Il1rl1
ENSMUSG00000020467	2.15895525	1.11033334	3.40E-12	4.58E-11	447.792466	341.4758	380.177428	869.097353	862.893777	792.753053	Efemp1
ENSMUSG00000085162	0.17725669	-2.496088015	3.42E-12	4.60E-11	111.161596	115.332886	106.140906	12.3334535	26.3965396	20.6207442	Gm12295
ENSMUSG00000035439	0.441699522	-1.178862825	3.42E-12	4.60E-11	1035.06127	1220.04102	954.30324	410.292885	519.738762	488.024278	Haus8
ENSMUSG00000021866	0.339504811	-1.558496078	3.44E-12	4.62E-11	1323.45221	1478.97466	1342.20001	588.716845	496.072899	319.621534	Anxa11
ENSMUSG00000032946	0.439291598	-1.18674919	3.49E-12	4.68E-11	2152.9694	2762.3357	1948.16809	1069.72153	928.430013	1016.14445	Rasgrp2
ENSMUSG00000026278	2.401887316	1.264168469	3.51E-12	4.71E-11	225.469274	188.829333	188.158879	435.782022	468.766134	544.158526	Bok
ENSMUSG00000029204	13.12009957	3.713706763	3.54E-12	4.74E-11	5.2434715	12.4378603	5.78950398	55.9116557	116.508864	132.88924	Rhoh
ENSMUSG00000056290	29.8860081	4.901398303	3.55E-12	4.75E-11	3.1460829	5.65357285	1.92983466	51.8005045	190.23713	73.3182014	Ms4a4b
ENSMUSG00000004709	14.60422978	3.868314368	3.56E-12	4.77E-11	4.1947772	5.65357285	5.78950398	58.3783464	109.22706	60.7166356	Cd244
ENSMUSG00000033684	0.488037509	-1.034936063	3.60E-12	4.81E-11	5145.94293	6758.28099	6561.43785	2865.47235	3206.72445	2939.60164	Qsox1
ENSMUSG00000022221	3.976044823	1.991334021	3.64E-12	4.86E-11	60.8242694	53.1435848	45.3511145	265.580364	202.980287	162.674759	Ripk3
ENSMUSG00000097451	2.754631452	1.461859311	3.67E-12	4.89E-11	1116.85943	1225.69459	1224.48009	3481.3228	2310.15233	4035.93787	Rian
ENSMUSG00000031636	0.321325997	-1.637890386	3.80E-12	5.06E-11	6582.65412	8726.85505	8302.14871	1916.61867	3488.89435	2181.21649	Pdlim3
ENSMUSG00000026582	6.992475753	2.805803346	3.87E-12	5.15E-11	11.5356373	16.9607186	9.6491733	100.312088	89.2020993	74.4637983	Sele
ENSMUSG00000019817	3.568469088	1.835305275	3.88E-12	5.17E-11	184.570197	182.045046	229.650325	923.364549	468.766134	736.618805	Plagl1
ENSMUSG00000031990	0.430493754	-1.21593579	4.09E-12	5.44E-11	1284.65052	1577.34683	1556.41165	645.450731	526.110341	732.036418	Jam3
ENSMUSG00000026981	279.372935	8.126048452	4.13E-12	5.49E-11	1.0486943	0	2.89475199	125.801225	698.142961	313.89355	Il1rn
ENSMUSG00000047787	0.205751898	-2.281022358	4.34E-12	5.76E-11	95.4311813	135.685748	106.140906	23.8446767	24.5760886	20.6207442	Flrt1
ENSMUSG00000038775	2.888223802	1.530182538	4.51E-12	5.97E-11	121.648539	81.4114491	122.544501	328.892092	307.65622	305.874372	Vill
ENSMUSG00000044017	2.149066678	1.103710245	4.51E-12	5.98E-11	403.747305	367.482235	442.897055	847.719367	790.075737	974.90296	Adgrd1
ENSMUSG00000039145	2.598158194	1.377489275	4.64E-12	6.14E-11	187.71628	184.306475	134.123509	402.892813	442.369594	468.549131	Camk1d
ENSMUSG00000040722	2.753948273	1.461501462	4.74E-12	6.26E-11	184.570197	148.123609	141.842848	433.315331	365.910652	508.645023	Scamp5
ENSMUSG00000025855	3.183131328	1.67044668	4.83E-12	6.37E-11	69.2138238	56.5357285	54.0353705	197.335255	171.122395	203.916248	Prkar1b
ENSMUSG00000027009	2.865972617	1.519024825	4.91E-12	6.48E-11	233.858829	203.528623	198.77297	747.407279	611.671538	461.67555	Itga4
ENSMUSG00000034593	2.381612572	1.251938743	4.92E-12	6.49E-11	727.793844	616.239441	660.003454	1939.64111	1495.5005	1335.76598	Myo5a
ENSMUSG00000079523	3.172856849	1.665782432	4.95E-12	6.51E-11	2099.48599	1863.41761	2039.83524	4148.15151	6352.46379	8548.44405	Tmsb10
ENSMUSG00000024451	2.507671619	1.326348439	4.98E-12	6.54E-11	741.42687	489.599409	568.336308	1653.50499	1532.81975	1325.45561	Arap3
ENSMUSG00000045838	0.428927833	-1.221193158	5.04E-12	6.62E-11	2694.09566	3765.27952	2632.29448	1385.45794	1223.34308	1289.94211	A430105I19Rik
ENSMUSG00000027954	2.238560064	1.162571028	5.06E-12	6.63E-11	241.199689	243.103633	232.545077	466.204541	548.865978	591.127999	Efna1
ENSMUSG00000050921	13.85223023	3.792046366	5.16E-12	6.77E-11	6.2921658	6.78428742	1.92983466	57.5561161	79.1896188	67.590217	P2ry10
ENSMUSG00000040522	10.2076819	3.351583372	5.45E-12	7.14E-11	11.5356373	9.04571656	9.6491733	143.89029	106.496384	57.2798449	Tlr8
ENSMUSG00000041773	2.693971095	1.429734371	5.66E-12	7.41E-11	326.143927	210.31291	221.930986	684.917782	637.157852	721.726046	Enc1
ENSMUSG00000056481	2.179482171	1.123985402	5.67E-12	7.42E-11	1102.17771	850.297357	1062.37398	2140.26529	1964.26664	2469.90691	Cd248
ENSMUSG00000067203	3.701289879	1.88802813	5.83E-12	7.62E-11	58.7268808	57.6664431	45.3511145	168.557197	246.671111	182.149907	H2-K2
ENSMUSG00000025477	0.450835101	-1.149328249	5.84E-12	7.63E-11	4020.69395	4920.86981	5229.85193	1848.37356	2088.0573	2455.01415	Inpp5a
ENSMUSG00000097993	10.8639757	3.441480253	5.89E-12	7.68E-11	11.5356373	6.78428742	10.6140906	160.334895	65.5362362	89.356558	Ptprv
ENSMUSG00000032915	10.49059864	3.391025101	6.08E-12	7.93E-11	5.2434715	5.65357285	11.579008	73.1784905	101.035031	64.1534263	Adgre4
ENSMUSG00000006538	0.051488749	-4.279598977	6.13E-12	7.98E-11	58.7268808	55.4050139	110.965493	1.64446046	3.64090201	6.87358139	Ihh
ENSMUSG00000031616	3.056585305	1.611920831	6.16E-12	8.01E-11	445.695077	587.971577	450.616393	2030.90867	1234.26578	1268.17577	Ednra
ENSMUSG00000053101	34.79635973	5.120864479	6.87E-12	8.93E-11	1.0486943	5.65357285	0	54.2671952	92.8430013	74.4637983	Gpr141
ENSMUSG00000019932	432.3425225	8.756030927	7.11E-12	9.24E-11	0	0	0	51.8005045	69.1771382	129.452449	Kera
ENSMUSG00000027306	3.801431351	1.926542738	7.42E-12	9.63E-11	35.6556062	46.3592974	34.7370239	128.267916	161.109914	153.509984	Nusap1
ENSMUSG00000105746	0.064075944	-3.964073367	7.43E-12	9.64E-11	66.0677409	82.5421636	64.6494611	7.40007207	5.46135302	0	Gm43595
ENSMUSG00000000782	5.530350602	2.467370944	7.94E-12	1.03E-10	23.0712746	22.6142914	12.5439253	92.912016	112.867962	114.55969	Tcf7
ENSMUSG00000041556	0.176646083	-2.501066337	7.97E-12	1.03E-10	127.940705	174.130044	137.018261	32.066979	13.6533825	32.0767131	Fbxo2
ENSMUSG00000068606	12.2340057	3.612824948	8.22E-12	1.06E-10	17.8278031	14.6992894	21.2281813	76.4674114	381.384486	201.625054	Gm4841
ENSMUSG00000076490	44.77332996	5.484567716	8.33E-12	1.08E-10	1.0486943	4.52285828	0	48.5115836	107.406609	81.3373797	Trbc1
ENSMUSG00000024053	2.406442227	1.266901788	8.43E-12	1.09E-10	503.373264	334.691513	415.879369	925.831239	1064.96384	1028.74601	Emilin2
ENSMUSG00000078502	0.415326225	-1.267683124	8.42E-12	1.09E-10	327.192622	275.894355	306.843711	129.090146	122.880443	126.015659	Gm13212
ENSMUSG00000062960	3.08703779	1.626223144	8.65E-12	1.11E-10	789.666808	429.671537	500.792094	2037.48651	1613.82982	1658.82431	Kdr
ENSMUSG00000034906	5.451572572	2.446672453	8.67E-12	1.12E-10	18.8764974	29.3985788	19.2983466	147.179211	125.611119	92.7933487	Ncaph

ENSMUSG00000037872	3.295843674	1.720647815	9.19E-12	1.18E-10	134.23287	84.8035928	88.7723944	279.558278	370.46178	365.44541	Ackr1
ENSMUSG00000046491	0.449354949	-1.154072603	9.44E-12	1.21E-10	1273.11488	1528.7261	1628.78045	695.606775	564.339812	732.036418	C1qtnf2
ENSMUSG00000031880	0.328272377	-1.607034737	9.66E-12	1.24E-10	1888.69843	2934.20431	3531.59743	851.008288	827.394982	1065.40511	Rrad
ENSMUSG00000040907	6.027301121	2.591512143	1.00E-11	1.29E-10	30.4121347	31.660008	36.6668586	115.112232	288.541484	192.460279	Atp1a3
ENSMUSG00000097767	4.718533329	2.238338494	1.01E-11	1.30E-10	46.1425492	28.2678643	24.1229333	164.446046	128.341796	171.839535	Miat
ENSMUSG00000027800	0.46606711	-1.101390388	1.03E-11	1.31E-10	8040.3392	8198.81135	10942.1625	4573.24454	4085.09206	4009.58914	Tm4sf1
ENSMUSG00000023055	0.481124686	-1.05551727	1.03E-11	1.32E-10	2593.421	2756.68212	2655.45249	1498.10348	1272.49525	1078.00668	Calcoco1
ENSMUSG00000064043	2.440513336	1.287184635	1.03E-11	1.32E-10	262.173575	253.280064	213.24673	505.671592	586.185224	687.358139	Trerf1
ENSMUSG00000011008	20.65394653	4.368345572	1.05E-11	1.34E-10	3.1460829	2.26142914	2.89475199	52.6227347	64.6260107	54.9886511	Mcoln2
ENSMUSG00000040528	6.079540821	2.603962363	1.07E-11	1.37E-10	29.3634404	16.9607186	17.3685119	92.912016	162.930365	131.743643	Milr1
ENSMUSG00000032609	0.476659043	-1.068970427	1.09E-11	1.39E-10	1306.6731	1662.15042	1485.00777	673.406559	657.182813	793.89865	Klhdc8b
ENSMUSG00000029088	0.098024505	-3.350713737	1.14E-11	1.45E-10	146.817202	145.86218	192.018549	31.2447488	7.28180402	8.01917828	Kcnip4
ENSMUSG00000037936	2.520252025	1.33356801	1.14E-11	1.45E-10	458.279409	326.776511	303.948959	998.1875	880.188061	864.925658	Scarb1
ENSMUSG00000001493	3.419256033	1.773682456	1.15E-11	1.46E-10	121.648539	75.7578762	129.298922	332.181013	334.05276	454.801968	Meox1
ENSMUSG00000020325	0.300577164	-1.734192688	1.15E-11	1.46E-10	728.842538	1007.46668	854.916755	345.336697	254.863141	176.421922	Fstl3
ENSMUSG00000044258	3.064130061	1.615477536	1.16E-11	1.48E-10	671.164352	349.390802	555.792382	1409.30261	1652.96951	1771.0928	Ctla2a
ENSMUSG00000009292	14.83917444	3.891338927	1.18E-11	1.49E-10	4.1947772	9.04571656	1.92983466	55.9116557	91.9327758	72.1726046	Trpm2
ENSMUSG00000035711	3.140834314	1.65114784	1.18E-11	1.49E-10	85.9929326	111.940742	97.4566504	239.268997	363.179976	325.349519	Dok3
ENSMUSG00000030677	4.986777535	2.318107844	1.25E-11	1.58E-10	37.7529948	23.745006	23.1580159	121.690074	177.493973	122.578868	Kif22
ENSMUSG00000004317	2.437982028	1.285687491	1.25E-11	1.58E-10	126.89201	117.594315	128.334005	327.247632	273.977876	308.165565	Clcn5
ENSMUSG00000052566	3.026583472	1.59769014	1.26E-11	1.60E-10	56.6294922	66.7121596	74.2986344	183.357341	197.518934	218.809007	Hook2
ENSMUSG00000034663	2.166281521	1.115220742	1.27E-11	1.61E-10	297.829181	257.802922	314.56305	572.27224	629.876048	686.212542	Bmp2k
ENSMUSG00000045165	2.757926033	1.463583764	1.29E-11	1.63E-10	102.772041	92.7185948	92.6320637	235.980076	307.65622	250.885721	AI467606
ENSMUSG00000037379	11.35393964	3.505121072	1.32E-11	1.67E-10	14.6817202	9.04571656	20.2632639	93.7342463	114.688413	295.564	Spon2
ENSMUSG00000052397	2.420122505	1.275080078	1.38E-11	1.74E-10	254.832715	223.881485	218.071317	473.604613	651.72146	561.34248	Ezr
ENSMUSG00000034040	3.565385549	1.834058093	1.41E-11	1.77E-10	100.674653	71.2350179	84.9127251	256.535832	258.504043	403.250108	Galnt17
ENSMUSG00000026413	43.14607084	5.431157279	1.44E-11	1.81E-10	2.0973886	1.13071457	1.92983466	58.3783464	49.1521772	117.99648	Pkp1
ENSMUSG00000046318	3.02408745	1.59649986	1.45E-11	1.82E-10	289.439627	182.045046	210.351978	839.497065	571.621616	650.699038	Ccbe1
ENSMUSG00000052560	2.472657048	1.306062155	1.46E-11	1.84E-10	319.851761	211.443625	243.159167	629.006126	617.132891	670.174185	Cpne8
ENSMUSG00000036304	0.049302523	-4.342194725	1.47E-11	1.84E-10	118.502456	66.7121596	41.4914452	4.11115115	4.55112752	2.2911938	Zdhhc23
ENSMUSG00000064065	48.49895279	5.599881691	1.47E-11	1.84E-10	1.0486943	1.13071457	1.92983466	51.8005045	82.8305208	67.590217	Ipcef1
ENSMUSG00000032014	2.443210661	1.288778262	1.49E-11	1.87E-10	451.987243	436.455824	474.739327	984.209586	952.095876	1397.62822	Oaf
ENSMUSG00000106847	0.481057697	-1.055718158	1.50E-11	1.87E-10	2195.96586	2420.85989	2443.17068	1328.72405	1087.71948	977.194154	Peg13
ENSMUSG00000030147	32.1944138	5.008738476	1.50E-11	1.88E-10	6.2921658	0	0.96491733	51.8005045	106.496384	76.7549921	Clec4b1
ENSMUSG00000102752	0.46367837	-1.108803666	1.51E-11	1.89E-10	541.126259	459.070116	542.28354	240.913457	222.095023	253.176914	Gm7694
ENSMUSG00000030474	9.404881576	3.233409778	1.52E-11	1.90E-10	14.6817202	5.65357285	10.6140906	61.6672673	113.778188	117.99648	Siglece
ENSMUSG00000074918	0.425005564	-1.234446366	1.59E-11	1.98E-10	1224.87494	1474.4518	1579.56967	550.072024	538.853498	732.036418	Inafm2
ENSMUSG00000037337	6.203543884	2.633092616	1.64E-11	2.04E-10	20.973886	29.3985788	15.4386773	104.423239	186.596228	114.55969	Map4k1
ENSMUSG00000063506	5.685752929	2.507351409	1.64E-11	2.05E-10	12.5843316	16.9607186	17.3685119	90.4453253	99.2145798	76.7549921	Arhgap22
ENSMUSG00000052087	6.729881891	2.750581186	1.68E-11	2.09E-10	14.6817202	16.9607186	10.6140906	78.1118719	121.970217	82.4829766	Rgs14
ENSMUSG00000061603	0.389534282	-1.360177794	1.69E-11	2.10E-10	971.090922	1082.09384	1158.86571	439.893173	498.803576	310.456759	Akap6
ENSMUSG00000090222	7.417678444	2.890967728	1.76E-11	2.19E-10	33.5582176	26.0064351	8.68425597	124.978995	192.967807	185.586697	Ifi203-ps
ENSMUSG00000034457	3.195124263	1.675872041	1.77E-11	2.20E-10	69.2138238	59.9278722	88.7723944	249.95799	250.312013	197.042666	Eda2r
ENSMUSG00000050105	3.598727013	1.847486669	1.80E-11	2.24E-10	200.300611	140.208607	146.667434	383.159287	680.848676	690.794929	Grrp1
ENSMUSG00000050379	0.407694077	-1.294441097	1.88E-11	2.33E-10	911.315347	1096.79313	1395.27046	500.73821	434.177565	452.510775	6-Sep
ENSMUSG00000020642	3.044493734	1.606202344	1.91E-11	2.37E-10	177.229337	128.901461	159.21136	436.604252	380.47426	602.583968	Rnf144a
ENSMUSG00000042225	2.7936477	1.482150097	1.94E-11	2.40E-10	178.278031	131.16289	144.7376	346.981157	426.895761	497.189054	Ammecr1
ENSMUSG00000069763	2.069389818	1.049205436	1.94E-11	2.40E-10	377.529948	333.560798	408.160031	834.563684	772.781452	709.12448	Tmem100
ENSMUSG00000026980	0.324749281	-1.622601765	1.96E-11	2.42E-10	251.686632	300.770076	399.475775	97.8453974	112.867962	98.5213332	Ly75
ENSMUSG00000058934	16.5414938	4.04801762	1.99E-11	2.46E-10	7.3408601	11.3071457	3.85966932	56.7338859	98.3043543	214.22662	Igf1os
ENSMUSG00000048387	0.396643453	-1.334085359	2.00E-11	2.46E-10	2187.57631	2872.01501	3017.29649	948.031456	934.801592	1323.16442	Osr1
ENSMUSG00000020520	2.013136973	1.009445336	2.02E-11	2.49E-10	475.058518	420.62582	415.879369	961.187139	796.447315	882.109611	Galnt10
ENSMUSG00000039519	5.552787668	2.47321223	2.02E-11	2.49E-10	37.7529948	16.9607186	18.3334293	136.490218	152.007659	116.850884	Cyp7b1
ENSMUSG00000078920	5.021091921	2.328001137	2.11E-11	2.60E-10	119.55115	182.045046	88.7723944	396.314971	932.981141	627.7871	Ifi47
ENSMUSG00000033060	2.350147771	1.232751473	2.12E-11	2.61E-10	269.514435	248.757205	276.931274	636.406198	718.167922	513.22741	Lmo7
ENSMUSG00000041757	0.426051629	-1.230899829	2.15E-11	2.64E-10	393.260362	369.743664	354.12466	181.712881	147.456531	145.490806	Plekha6
ENSMUSG00000019876	22.1452563	4.468925789	2.19E-11	2.69E-10	2.0973886	5.65357285	2.89475199	38.6448208	88.2918738	106.540511	Pkib
ENSMUSG00000032380	0.311602391	-1.682221791	2.20E-11	2.70E-10	416.331637	404.795816	649.389363	127.445686	175.673522	155.801178	Dapk2
ENSMUSG00000044734	3.532014415	1.820491231	2.24E-11	2.75E-10	124.794622	81.4114491	125.439253	401.248352	483.329742	287.544821	Serpinb1a
ENSMUSG00000032218	5.690331387	2.508512673	2.30E-11	2.82E-10	14.6817202	28.2678643	15.4386773	98.6676276	130.162247	100.812527	Ccnb2
ENSMUSG00000034235	0.379598272	-1.397454671	2.32E-11	2.84E-10	924.948372	897.787369	829.828904	436.604252	297.643739	270.360868	Usp54
ENSMUSG00000031389	4.310287473	2.107784092	2.37E-11	2.89E-10	52.434715	38.4442954	59.8248745	181.712881	294.002837	175.276325	Arhgap4
ENSMUSG00000027004	0.308882775	-1.694868674	2.37E-11	2.90E-10	465.620269	473.769405	506.581598	159.512665	190.23713	95.0845425	Frzb
ENSMUSG00000025355	3.439287908	1.782109891	2.40E-11	2.93E-10	231.76144	158.30004	162.106112	857.58613	532.481919	507.499426	Mmp19
ENSMUSG00000056071	99.08486099	6.630592742	2.44E-11	2.97E-10	19.9251917	5.65357285	6.75442131	485.115836	2340.18977	379.192573	S100a9
ENSMUSG00000035131	398.494255	8.638415115	2.45E-11	2.99E-10	0	0	0	126.623455	50.0624027	52.6974573	Brinp3
ENSMUSG00000037124	0.003027846	-8.367492477	2.49E-11	3.03E-10	59.7755751	63.3200159	50.1757012	0	0	0	Trim58
ENSMUSG00000029168	0.258493684	-1.951799065	2.55E-11	3.10E-10	115.356373	145.86218	113.860245	31.2447488	34.5885691	30.9311162	Dpysl5
ENSMUSG00000025888	2.810643251	1.490900347	2.70E-11	3.27E-10	149.963285	125.509317	118.684832	345.336697	449.651399	311.602356	Casp1
ENSMUSG00000031497	2.316640308	1.212034062	2.71E-11	3.29E-10	218.128414	175.260758	192.983466	411.937345	442.369594	506.353829	Tnfsf13b
ENSMUSG00000024675	171.0006841	7.417858286	2.74E-11	3.32E-10	0	1.13071457	3.85966932	101.134318	470.586585	301.291984	Ms4a4c
ENSMUSG00000036931	8.408520244	3.071851933	2.82E-11	3.41E-10	7.3408601	15.830004	7.71933864	67.4228789	108.316835	81.3373797	Nfkbid
ENSMUSG00000039994	3.030505192	1.599558314	2.82E-11	3.41E-10	127.940705	102.895026	87.8074771	259.002523	349.526593	357.426232	Timeless
ENSMUSG00000041193	0.064383812	-3.9571582	2.89E-11	3.49E-10	90.1877098	56.5357285	56.9301225	2.46669069	8.19202953	2.2911938	Pla2g5
ENSMUSG00000035829	0.320307133	-1.642472167	2.95E-11	3.56E-10	147.865896	162.822898	146.667434	47.6893534	46.4215007	52.6974573	Ppp1r26
ENSMUSG00000068758	3.660460471	1.872025145	2.99E-11	3.60E-10	230.712746	204.659337	187.193962	465.38231	790.985962	1024.16363	Il3ra
ENSMUSG00000021904	2.08406686	1.059401562	2.99E-11	3.60E-10	1004.64914	781.323768	781.583038	1801.50643	1921.48604	1626.74759	Sema3g

ENSMUSG00000030187	16.86910887	4.076311858	3.07E-11	3.69E-10	3.1460829	12.4378603	3.85966932	55.9116557	168.391718	98.5213332	Klra2
ENSMUSG00000051375	2.583038047	1.369068894	3.09E-11	3.71E-10	341.874342	437.586539	273.071604	967.764981	798.267766	949.699828	Pcdh1
ENSMUSG00000003206	11.89229906	3.571955744	3.09E-11	3.71E-10	5.2434715	6.78428742	5.78950398	49.3338138	65.5362362	97.3757363	Ebi3
ENSMUSG00000030162	4.184804423	2.0651602	3.09E-11	3.72E-10	32.5095233	30.5292934	51.1406185	189.935183	147.456531	142.054015	Olr1
ENSMUSG00000027525	0.19130577	-2.386047708	3.11E-11	3.74E-10	77.6033782	89.326451	88.7723944	18.0890651	13.6533825	17.1839535	Phactr3
ENSMUSG00000074802	3.682284362	1.880601042	3.20E-11	3.84E-10	47.1912435	57.6664431	37.6317759	185.824032	193.878032	142.054015	Gas2l3
ENSMUSG00000043857	0.113270783	-3.142152313	3.22E-11	3.86E-10	53.4834093	93.8493093	120.614666	8.2223023	10.922706	11.455969	Mgat5b
ENSMUSG00000022504	9.232984521	3.206797068	3.28E-11	3.93E-10	15.7304145	68.9735888	21.2281813	266.402595	460.574105	245.157736	Ciita
ENSMUSG00000046688	3.435682552	1.780596741	3.30E-11	3.94E-10	97.5285699	118.72503	167.895615	338.758855	528.841017	454.801968	Tifa
ENSMUSG00000050708	3.046994666	1.607386975	3.30E-11	3.94E-10	11180.1299	8492.79714	9342.32959	19063.4079	31587.5556	37761.1649	Ftl1
ENSMUSG00000009687	2.385945494	1.254561086	3.31E-11	3.95E-10	936.48401	988.244534	913.776712	1686.3942	2529.51667	2558.11787	Fxyd5
ENSMUSG00000071818	0.041628182	-4.58629564	3.37E-11	4.02E-10	38.8016891	66.7121596	72.3687998	4.11115115	1.82045101	1.1455969	4930417O22Rik
ENSMUSG00000003665	5.199696166	2.378427325	3.38E-11	4.03E-10	23.0712746	16.9607186	26.0527679	101.956549	96.4839033	147.782	Has1
ENSMUSG00000026928	7.952463926	2.991401922	3.39E-11	4.04E-10	38.8016891	13.5685748	13.5088426	114.290002	199.339385	210.789829	Card9
ENSMUSG00000001228	4.969251267	2.313028493	3.41E-11	4.06E-10	44.0451606	33.9214371	35.7019412	120.867844	256.683592	187.877891	Uhrf1
ENSMUSG00000041695	5.021309537	2.328063662	3.42E-11	4.07E-10	31.460829	30.5292934	37.6317759	128.267916	238.479082	134.034837	Kcnj2
ENSMUSG00000039853	7.374423922	2.882530353	3.47E-11	4.12E-10	9.4382487	9.04571656	10.6140906	73.1784905	81.9202953	59.5710387	Trim14
ENSMUSG00000021464	4.283095407	2.098653814	3.49E-11	4.14E-10	42.9964663	44.0978682	52.1055358	160.334895	161.109914	277.234449	Ror2
ENSMUSG00000034041	2.83976698	1.505772553	3.63E-11	4.30E-10	226.517969	162.822898	137.983178	439.070943	547.045527	510.936216	Lyl1
ENSMUSG00000061100	3.415725483	1.772192032	3.64E-11	4.31E-10	549.515813	315.469365	367.633503	1036.01009	1822.27146	1352.94994	Retnla
ENSMUSG00000097240	0.071345605	-3.809031633	3.79E-11	4.49E-10	58.7268808	58.7971577	51.1406185	4.93338138	5.46135302	1.1455969	Gm26614
ENSMUSG00000029762	2.125217028	1.087610177	3.85E-11	4.56E-10	205.544083	232.927201	248.948671	504.849361	455.112752	501.771441	Akr1b8
ENSMUSG00000056938	0.487110347	-1.037679466	3.86E-11	4.56E-10	1521.65543	1666.67328	1327.72625	763.851884	643.529431	792.753053	Acbd4
ENSMUSG00000024989	6.715956235	2.747592829	3.89E-11	4.59E-10	13.6330259	9.04571656	12.5439253	78.9341021	92.8430013	65.2990232	Cep55
ENSMUSG00000037474	5.64111459	2.495980243	3.92E-11	4.62E-10	15.7304145	15.830004	11.579008	81.4007928	77.3691678	83.6285735	Dtl
ENSMUSG00000079560	0.354962677	-1.494260755	3.97E-11	4.68E-10	427.867274	542.742994	531.669449	222.002162	172.942846	136.326031	Hoxa3
ENSMUSG00000087484	0.274878369	-1.863134715	4.06E-11	4.79E-10	192.959751	318.861509	281.75586	87.1564044	57.3442067	73.3182014	2900089D17Rik
ENSMUSG00000028678	8.606326046	3.105397497	4.07E-11	4.80E-10	5.2434715	9.04571656	9.6491733	60.0228068	81.0100698	65.2990232	Kif2c
ENSMUSG00000092741	0.292359001	-1.774187085	4.11E-11	4.84E-10	308.316124	489.599409	319.387636	121.690074	121.059992	82.4829766	Mir3074-1
ENSMUSG00000029299	4.732045053	2.242463809	4.13E-11	4.86E-10	34.6069119	18.0914331	21.2281813	111.001081	114.688413	124.870062	Abcg3
ENSMUSG00000020330	6.21356937	2.635422259	4.18E-11	4.91E-10	12.5843316	21.4835768	22.1930986	79.7563323	145.63608	124.870062	Hmmr
ENSMUSG00000038910	4.677202258	2.225645817	4.21E-11	4.94E-10	149.963285	117.594315	110.965493	301.758495	790.075737	679.33896	Plcl2
ENSMUSG00000040254	0.298976005	-1.741898394	4.23E-11	4.96E-10	2131.99551	1765.04544	2408.43366	832.919223	661.733941	388.357348	Sema3d
ENSMUSG00000054453	0.106095805	-3.236560477	4.38E-11	5.13E-10	62.921658	67.8428742	111.93041	11.5112232	9.10225503	4.58238759	Sytl5
ENSMUSG00000039476	3.053009998	1.610232314	4.42E-11	5.17E-10	83.895544	72.3657325	85.8776424	203.913097	236.658631	301.291984	Prrx2
ENSMUSG00000046442	0.454052434	-1.139069186	4.45E-11	5.21E-10	663.823492	805.068774	697.63523	372.470294	324.950505	284.108031	Ppm1e
ENSMUSG00000028701	0.378473705	-1.401735025	4.48E-11	5.23E-10	403.747305	339.214371	311.668298	155.401514	114.688413	128.306853	Lurap1
ENSMUSG00000033039	0.495278632	-1.013687715	4.48E-11	5.23E-10	1769.14728	2056.7698	1716.58793	1044.23239	865.624453	832.848945	Micall1
ENSMUSG00000069515	6.437130681	2.686417757	4.50E-11	5.25E-10	84.9442383	37.3135808	75.2635518	264.758134	688.13048	320.767131	Lyz1
ENSMUSG00000038264	3.759618034	1.910586096	4.56E-11	5.31E-10	216.031026	122.117174	96.491733	516.360585	507.905831	609.45755	Sema7a
ENSMUSG00000001517	3.639965103	1.863924619	4.58E-11	5.33E-10	40.8990777	42.9671537	40.5265279	133.201297	183.865552	135.180434	Foxm1
ENSMUSG00000033213	24.16971376	4.595128482	4.68E-11	5.45E-10	5.2434715	6.78428742	2.89475199	31.2447488	182.045101	144.345209	AA467197
ENSMUSG00000041372	0.089212278	-3.486613909	4.78E-11	5.56E-10	80.7494611	67.8428742	107.105824	13.9779139	3.64090201	4.58238759	B4galnt3
ENSMUSG00000022378	2.870192103	1.5211473	4.84E-11	5.63E-10	351.31259	351.652231	367.633503	693.140084	1241.54759	1139.86891	Fam49b
ENSMUSG00000036437	0.457391239	-1.128499362	4.99E-11	5.79E-10	2839.86416	3154.69365	2785.71633	1641.17154	1219.70217	1152.47048	Npy1r
ENSMUSG00000034714	2.972037819	1.571452474	5.07E-11	5.89E-10	130.038093	132.293605	86.8425597	325.603171	306.745995	404.395705	Ttyh2
ENSMUSG00000073421	12.25345529	3.61511672	5.25E-11	6.08E-10	511.762818	1179.3353	509.47635	5332.16304	12539.2665	9089.16579	H2-Ab1
ENSMUSG00000066705	2.78963683	1.480077317	5.36E-11	6.21E-10	1067.5708	669.383026	788.337459	1952.7968	2165.42647	2929.29127	Fxyd6
ENSMUSG00000066682	8.754217049	3.129978154	5.44E-11	6.30E-10	8.3895544	5.65357285	7.71933864	56.7338859	72.8180402	61.8622325	Pilrb2
ENSMUSG00000039934	3.372449515	1.753796847	5.64E-11	6.52E-10	87.0416269	79.1500199	64.6494611	206.379788	329.501632	241.720945	Gsap
ENSMUSG00000039328	2.869308645	1.520703164	5.68E-11	6.56E-10	74.4572953	71.2350179	63.6845438	185.824032	187.506454	227.973783	Rnf122
ENSMUSG00000025746	19.778868	4.305887954	5.81E-11	6.71E-10	3.1460829	0	5.78950398	50.156044	64.6260107	68.7358139	Il6
ENSMUSG00000020354	0.279973559	-1.836637513	5.82E-11	6.72E-10	954.311813	723.657325	792.197128	341.225546	175.673522	172.985132	Sgcd
ENSMUSG00000035455	5.370620679	2.425088829	5.85E-11	6.75E-10	12.5843316	20.3528623	16.4035946	86.3341742	97.3941288	80.1917828	Fignl1
ENSMUSG00000040033	2.598366884	1.377605151	5.86E-11	6.75E-10	575.733171	711.219465	544.213374	1208.67844	1943.33145	1604.98125	Stat2
ENSMUSG00000027490	2.776542595	1.473289528	5.91E-11	6.79E-10	104.86943	104.02574	122.544501	245.846839	328.591407	348.261457	E2f1
ENSMUSG00000034266	17.50640934	4.129811304	5.90E-11	6.79E-10	7.3408601	2.26142914	2.89475199	41.9337417	97.3941288	80.1917828	Batf
ENSMUSG00000003746	2.517888663	1.332214491	5.92E-11	6.80E-10	958.50659	768.885908	883.864275	2807.09401	1999.76543	1766.51042	Man1a
ENSMUSG00000062563	0.435496624	-1.199266558	5.94E-11	6.82E-10	1887.64974	2161.92626	1501.41137	903.631023	706.33499	806.500216	Cys1
ENSMUSG00000040740	0.088529097	-3.497704481	5.95E-11	6.83E-10	72.3599067	111.940742	263.422431	13.9779139	17.2942846	8.01917828	Slc25a34
ENSMUSG00000027692	0.408322841	-1.292217823	6.00E-11	6.88E-10	532.736704	615.108726	580.880233	239.268997	280.349455	184.441101	Tnik
ENSMUSG00000045348	0.27795824	-1.847059946	6.17E-11	7.07E-10	143.671119	170.7379	141.842848	46.0448929	31.8578926	49.2606666	Nyap1
ENSMUSG00000063428	0.456472576	-1.131399906	6.17E-11	7.07E-10	401.649917	367.482235	384.037097	179.24619	190.23713	155.801178	Ddo
ENSMUSG00000041827	20.73508117	4.37400179	6.19E-11	7.08E-10	4.1947772	19.2221477	4.82458665	52.6227347	263.05517	263.487286	Oasl1
ENSMUSG00000059325	2.830541682	1.501078169	6.32E-11	7.23E-10	131.086787	97.241453	83.9478077	286.95835	279.439229	317.330341	Hopx
ENSMUSG00000022438	2.658412983	1.410565244	6.51E-11	7.43E-10	356.556062	255.541493	261.492597	611.739291	857.432424	854.615286	Parvb
ENSMUSG00000049538	24.74468413	4.629046721	6.51E-11	7.43E-10	5.2434715	2.26142914	2.89475199	124.156765	31.8578926	101.958124	Adamts16
ENSMUSG00000021265	0.373970814	-1.419002413	6.71E-11	7.65E-10	223.371886	192.221477	202.632639	74.0007207	83.7407463	73.3182014	Slc25a29
ENSMUSG00000021806	4.004051438	2.001460508	6.84E-11	7.79E-10	204.495388	158.30004	168.860533	1072.18822	589.826126	465.11234	Nid2
ENSMUSG00000060586	12.33918285	3.625174951	7.01E-11	7.99E-10	560.002756	1304.84461	556.7573	6485.75206	14327.8596	9062.81706	H2-Eb1
ENSMUSG00000013033	0.437066799	-1.194074304	7.22E-11	8.22E-10	4117.17382	5396.90064	3680.1947	1966.77471	1677.5456	2122.79105	Adgrl1
ENSMUSG00000032826	0.461370658	-1.11600184	7.24E-11	8.23E-10	1888.69843	1803.48974	1719.48268	1008.05426	694.502059	792.753053	Ank2
ENSMUSG00000060224	3.339338514	1.739562349	7.52E-11	8.55E-10	87.0416269	88.1957365	59.8248745	323.958711	235.748405	222.245798	Pyroxd2
ENSMUSG00000021130	0.383936568	-1.381060119	7.70E-11	8.74E-10	2160.31026	2590.46708	2756.76881	869.097353	759.12807	1256.7198	Galnt16
ENSMUSG00000033849	2.364795503	1.241715431	7.70E-11	8.74E-10	229.664052	219.358627	182.369375	533.627419	421.434408	537.284945	B3galt2
ENSMUSG00000039058	4.857406789	2.280186312	7.70E-11	8.74E-10	53.4834093	20.3528623	34.7370239	201.446406	152.007659	175.276325	Ak5
ENSMUSG00000040624	2.922025113	1.546968577	7.87E-11	8.92E-10	196.105834	145.86218	123.509418	543.494182	411.421927	403.250108	Plekhg1

ENSMUSG00000035441	0.489565324	-1.030426721	7.89E-11	8.93E-10	3003.46047	3528.96017	3047.20893	1840.15126	1438.15629	1409.08418	Myo1d
ENSMUSG00000041020	0.394996084	-1.340089745	7.89E-11	8.93E-10	419.47772	372.005094	410.089865	194.046334	132.892923	146.636403	Map7d2
ENSMUSG00000037621	0.396903894	-1.333138379	8.54E-11	9.65E-10	869.367575	1203.0803	1338.34034	390.559359	456.022977	508.645023	Atoh8
ENSMUSG00000019832	2.136451641	1.095216662	8.59E-11	9.71E-10	242.248383	201.267194	240.264415	447.293245	506.08538	509.790619	Rab32
ENSMUSG00000002007	0.210562613	-2.247678799	8.69E-11	9.81E-10	558.954062	768.885908	579.915316	83.8674835	221.184797	96.2301394	Srpk3
ENSMUSG00000021880	18.07023214	4.175543135	9.04E-11	1.02E-09	3.1460829	1.13071457	8.68425597	45.2226627	102.855482	92.7933487	Rnase6
ENSMUSG00000043463	0.081904103	-3.609920462	9.05E-11	1.02E-09	54.5321036	55.4050139	49.2107838	4.93338138	5.46135302	2.2911938	Rab9b
ENSMUSG00000062300	2.242939366	1.16539062	9.62E-11	1.08E-09	238.053606	202.397908	206.492309	488.404757	423.254859	540.721736	Nectin2
ENSMUSG00000036875	5.925615835	2.566965098	9.63E-11	1.08E-09	37.7529948	27.1371497	17.3685119	166.090507	214.813219	104.249318	Dna2
ENSMUSG00000042453	3.795309479	1.924217531	9.93E-11	1.12E-09	261.124881	174.130044	172.720202	1103.43297	667.195294	534.993751	Reln
ENSMUSG00000043505	2.710895522	1.438769513	9.98E-11	1.12E-09	82.8468497	79.1500199	68.5091305	227.757774	197.518934	198.188263	Gimap5
ENSMUSG00000012889	7.507729202	2.908376614	1.00E-10	1.13E-09	6.2921658	13.5685748	10.6140906	60.845037	88.2918738	79.0461859	Podnl1
ENSMUSG00000053646	0.438815658	-1.18831309	1.01E-10	1.14E-09	1988.32439	2589.33637	1693.42991	967.764981	865.624453	917.623115	Plxnb1
ENSMUSG00000035285	0.407814872	-1.294013708	1.02E-10	1.15E-09	442.548995	508.821557	432.282964	161.157125	174.763297	230.264976	Nat14
ENSMUSG00000040855	2.921219484	1.546570758	1.04E-10	1.16E-09	105.918124	67.8428742	95.5268157	288.602811	234.83818	264.632883	Reps2
ENSMUSG00000042029	2.34586965	1.230122851	1.08E-10	1.21E-09	113.258984	111.940742	126.40417	286.95835	281.25968	256.613705	Ncapg2
ENSMUSG00000024049	0.339799432	-1.557244652	1.09E-10	1.22E-09	18279.7903	26294.7673	19440.1895	6229.21622	9932.38069	5589.36726	Myom1
ENSMUSG00000030142	14.5699826	3.86492725	1.11E-10	1.24E-09	13.6330259	9.04571656	12.5439253	58.3783464	332.232309	123.724465	Clec4e
ENSMUSG00000026580	2.357717797	1.237391048	1.13E-10	1.26E-09	241.199689	239.711489	250.878506	690.673393	556.147782	476.568309	Selp
ENSMUSG00000057914	0.359192682	-1.477170135	1.17E-10	1.30E-09	395.357751	611.716583	607.897918	221.179932	183.865552	174.130728	Cacnb2
ENSMUSG00000027533	2.960030184	1.565611887	1.19E-10	1.33E-09	477.155906	241.972918	327.106975	950.498146	1112.29556	1035.6196	Fabp5
ENSMUSG00000106734	2.295022076	1.198508031	1.21E-10	1.34E-09	331.387399	342.606515	290.440116	808.252316	808.280247	593.419193	Gm20559
ENSMUSG00000083646	0.00406856	-7.941265903	1.21E-10	1.35E-09	84.9442383	71.2350179	94.5618984	0	0.9102255	0	Gm6088
ENSMUSG00000031639	2.154730428	1.107507389	1.23E-10	1.37E-09	213.933637	185.43719	188.158879	404.537273	462.394556	398.66772	Tlr3
ENSMUSG00000046561	5.469726751	2.451468763	1.23E-10	1.37E-09	22.0225803	11.3071457	19.2983466	113.467772	92.8430013	82.4829766	Arsj
ENSMUSG00000052125	9.328712078	3.221677916	1.24E-10	1.38E-09	4.1947772	9.04571656	7.71933864	55.0894254	79.1896188	60.7166356	F730043M19Rik
ENSMUSG00000026249	0.454954474	-1.136205908	1.25E-10	1.38E-09	12542.3838	13955.2792	16567.6306	6818.7553	5316.62716	7458.9814	Serpine2
ENSMUSG00000067212	2.50448854	1.32451601	1.28E-10	1.42E-09	1326.59829	1259.61603	1052.72481	2370.48975	3879.38109	2862.84665	H2-T23
ENSMUSG00000020407	4.902997882	2.293664139	1.29E-10	1.43E-09	42.9964663	33.9214371	22.1930986	166.090507	202.980287	114.55969	Upp1
ENSMUSG00000068744	4.727486911	2.241073464	1.29E-10	1.43E-09	16.7791088	37.3135808	24.1229333	132.379067	122.880443	112.268496	Psrc1
ENSMUSG00000053137	3.394840376	1.763343741	1.30E-10	1.43E-09	90.1877098	71.2350179	87.8074771	199.801946	299.464191	349.407054	Mapk11
ENSMUSG00000002458	2.30415931	1.204240468	1.36E-10	1.50E-09	196.105834	202.397908	201.667722	407.003964	430.536663	547.595317	Rgs19
ENSMUSG00000022346	2.629143562	1.394592921	1.40E-10	1.54E-09	134.23287	110.810028	104.211072	259.002523	317.668701	342.533472	Myc
ENSMUSG00000040649	0.123455773	-3.017933791	1.43E-10	1.57E-09	72.3599067	61.0585868	60.7897918	4.93338138	8.19202953	11.455969	Rimklb
ENSMUSG00000074874	3.248354754	1.699709198	1.44E-10	1.59E-09	91.2364041	57.6664431	72.3687998	202.268637	231.197278	287.544821	Ctla2b
ENSMUSG00000040990	2.425482732	1.278271909	1.46E-10	1.60E-09	455.133326	299.639361	354.12466	912.675556	785.524609	993.23251	Sh3kbp1
ENSMUSG00000034911	2.683516812	1.424124927	1.49E-10	1.64E-09	763.44945	507.690842	434.212799	1641.17154	1551.93448	1381.58986	Ushbp1
ENSMUSG00000039252	2.040527047	1.028941833	1.53E-10	1.68E-09	893.487543	658.07588	863.601011	1621.43801	1571.95944	1737.87049	Lgi2
ENSMUSG00000042759	3.519717065	1.815459462	1.54E-10	1.68E-09	70.2625181	46.3592974	84.9127251	244.202378	272.157425	194.751473	Apobr
ENSMUSG00000006576	0.453549136	-1.140669239	1.55E-10	1.70E-09	2895.44496	4135.02318	2967.12079	1406.01369	1482.75734	1646.22274	Slc4a3
ENSMUSG00000030092	0.078943255	-3.663040175	1.59E-10	1.74E-09	82.8468497	82.5421636	80.0881384	4.11115115	13.6533825	1.1455969	Cntn6
ENSMUSG00000032717	2.945038671	1.558286578	1.60E-10	1.75E-09	65.0190466	59.9278722	55.0002878	172.668348	158.379238	199.33386	Mdfi
ENSMUSG00000033703	0.455714593	-1.133797525	1.61E-10	1.76E-09	531.68801	494.122267	462.195401	258.180292	222.095023	195.897069	Fuk
ENSMUSG00000026418	34.15144669	5.093874789	1.62E-10	1.77E-09	3.1460829	3.39214371	1.92983466	28.7780581	79.1896188	179.858713	Tnni1
ENSMUSG00000032572	6.181023775	2.627845814	1.67E-10	1.82E-09	20.973886	11.3071457	11.579008	111.001081	78.2793933	81.3373797	Col6a4
ENSMUSG00000048332	0.497642129	-1.00681947	1.67E-10	1.82E-09	5500.4016	6086.63653	7166.44101	3328.38797	2698.81862	3306.19265	Lhfp
ENSMUSG00000029687	2.379305086	1.250540273	1.68E-10	1.83E-09	169.888477	149.254323	123.509418	337.936625	341.334564	373.464589	Ezh2
ENSMUSG00000028849	0.485824352	-1.041493288	1.70E-10	1.85E-09	6217.7085	7832.45983	7341.09105	2886.85034	3828.40847	3678.51164	Map7d1
ENSMUSG00000085565	0.008158697	-6.937445504	1.71E-10	1.86E-09	77.6033782	88.1957365	65.6143785	0.82223023	0	1.1455969	Gm15721
ENSMUSG00000026483	0.442486836	-1.176293558	1.72E-10	1.87E-09	8917.04763	10695.4291	10477.0724	5493.32017	4250.7531	3567.38874	Fam129a
ENSMUSG00000109857	0.340508597	-1.554236872	1.76E-10	1.91E-09	190.862363	267.979353	210.351978	82.223023	66.4464617	79.0461859	Gm32817
ENSMUSG00000024247	0.44674869	-1.162464598	1.81E-10	1.96E-09	2113.11901	2927.42002	2717.2072	969.409442	1294.34067	1202.87674	Pkdcc
ENSMUSG00000026437	5.500152109	2.459471517	1.82E-10	1.97E-09	19.9251917	37.3135808	16.4035946	132.379067	164.750816	104.249318	Cdk18
ENSMUSG00000037544	8.331119334	3.058510343	1.87E-10	2.02E-09	9.4382487	7.91500199	6.75442131	74.0007207	76.4589423	49.2606666	Dlgap5
ENSMUSG00000031480	2.483280909	1.312247469	1.89E-10	2.04E-09	186.667585	134.555034	163.071029	446.471015	408.691251	347.11586	Thsd1
ENSMUSG00000028211	0.446052519	-1.16471451	1.91E-10	2.06E-09	3554.02498	2808.69499	2358.25796	1433.14729	1201.49766	1254.4286	Trp53inp1
ENSMUSG00000005233	5.990874025	2.582766497	1.95E-10	2.11E-09	16.7791088	14.6992894	27.0176853	78.1118719	131.072472	144.345209	Spc25
ENSMUSG00000028312	2.214468314	1.146960354	1.96E-10	2.12E-09	254.832715	219.358627	233.509994	447.293245	533.392145	588.836805	Smc2
ENSMUSG00000074227	0.473788855	-1.077683831	2.06E-10	2.22E-09	1870.87063	2321.35701	2118.95846	827.985842	1022.18324	1142.16011	Spint2
ENSMUSG00000025255	2.60104269	1.379090078	2.07E-10	2.24E-09	394.309057	323.384367	292.369951	1054.09916	671.746421	900.439162	Zfhx4
ENSMUSG00000084989	69.23905795	6.113514191	2.12E-10	2.29E-09	1.0486943	0	1.92983466	58.3783464	107.406609	49.2606666	Crocc2
ENSMUSG00000031778	2.170569631	1.118073704	2.16E-10	2.32E-09	285.24485	370.874379	310.70338	776.185337	697.232735	622.059115	Cx3cl1
ENSMUSG00000017400	11.24138816	3.490748295	2.18E-10	2.35E-09	11.5356373	5.65357285	1.92983466	62.4894975	82.8305208	67.590217	Stac2
ENSMUSG00000054520	2.504098597	1.324291369	2.29E-10	2.47E-09	143.671119	151.515752	171.755285	317.380869	446.920722	406.686899	Sh3bp2
ENSMUSG00000037466	6.217798093	2.63640377	2.31E-10	2.48E-09	11.5356373	13.5685748	10.6140906	61.6672673	86.4714228	73.3182014	Tedc1
ENSMUSG00000024039	0.220802987	-2.179168408	2.31E-10	2.48E-09	113.258984	111.940742	102.281237	30.4225185	15.4738336	26.3487286	Cbs
ENSMUSG00000002831	0.4473999	-1.160363161	2.33E-10	2.50E-09	11622.6789	12060.2016	9418.55806	6008.03629	4077.81025	4722.15041	Plin4
ENSMUSG00000066842	5.184978552	2.374338021	2.40E-10	2.58E-09	75.5059896	39.57501	53.0704532	444.826555	228.466601	198.188263	Hmcn1
ENSMUSG00000031613	2.680651873	1.422583874	2.46E-10	2.63E-09	141.57373	110.810028	90.7022291	286.95835	305.835769	326.495116	Hpgd
ENSMUSG00000033416	0.441503717	-1.179502512	2.46E-10	2.63E-09	1447.19813	1144.28315	981.320925	481.004685	523.379664	573.944046	Gucd1
ENSMUSG00000037095	2.211215522	1.144839648	2.49E-10	2.67E-09	1462.92855	1025.55812	1165.62014	2326.91155	2737.04809	3018.64783	Lrg1
ENSMUSG00000025610	0.47143273	-1.084876171	2.50E-10	2.67E-09	2385.77953	3384.22871	3255.63107	1306.52384	1437.24607	1512.1879	Map3k7cl
ENSMUSG00000040687	2.207310081	1.142289312	2.53E-10	2.71E-09	245.394466	237.45006	191.053631	481.826915	545.225076	458.238759	Madd
ENSMUSG00000002325	2.185534404	1.127986089	2.67E-10	2.85E-09	506.519347	586.840862	440.96722	944.742535	1210.59992	1197.14876	Irf9
ENSMUSG00000039208	2.504886481	1.324745223	2.68E-10	2.87E-09	320.900456	300.770076	340.615818	599.405838	848.330169	965.738185	Metrnl
ENSMUSG00000010529	5.610907114	2.48823403	2.69E-10	2.87E-09	28.3147461	19.2221477	22.1930986	92.0897858	111.957737	189.023488	Gm266
ENSMUSG00000031997	5.181205663	2.373287851	2.73E-10	2.91E-09	23.0712746	16.9607186	16.4035946	120.867844	93.7532268	76.7549921	Trpc6

ENSMUSG00000000982	19.43869517	4.280859475	2.73E-10	2.91E-09	5.2434715	11.3071457	1.92983466	47.6893534	209.351866	96.2301394	Ccl3
ENSMUSG00000040035	7.264109781	2.860786006	2.74E-10	2.92E-09	11.5356373	6.78428742	11.579008	84.6897137	78.2793933	54.9886511	Disp2
ENSMUSG00000051457	6.667581431	2.737163539	2.74E-10	2.92E-09	18.8764974	79.1500199	35.7019412	229.402234	376.833358	281.816837	Spn
ENSMUSG00000087543	0.388395218	-1.364402657	2.76E-10	2.93E-09	210.787554	211.443625	207.457226	92.912016	77.3691678	73.3182014	Gm16576
ENSMUSG00000050022	4.771555225	2.25445957	2.98E-10	3.16E-09	25.1686632	50.8821557	34.7370239	120.045614	199.339385	208.498635	Amz1
ENSMUSG00000023341	5.625815544	2.492062251	3.02E-10	3.20E-09	19.9251917	49.7514411	35.7019412	122.512304	230.287052	239.429752	Mx2
ENSMUSG00000030849	0.356632457	-1.487490088	3.05E-10	3.23E-09	785.472031	1307.10604	1401.05996	469.493462	384.115162	391.794139	Fgfr2
ENSMUSG00000032131	0.309519352	-1.691898481	3.12E-10	3.31E-09	214.982331	205.790052	206.492309	85.511944	48.2419517	59.5710387	Abcg4
ENSMUSG00000025964	3.789412542	1.92197421	3.18E-10	3.37E-09	112.21029	73.4964471	66.5792958	430.02641	253.04269	271.506465	Adam23
ENSMUSG00000005470	8.939958267	3.160268097	3.24E-10	3.42E-09	8.3895544	5.65357285	7.71933864	46.8671231	80.0998443	68.7358139	Asf1b
ENSMUSG00000021871	2.161604439	1.112102542	3.26E-10	3.45E-09	1201.80367	819.768063	900.267869	1992.26385	2261.00015	2063.22001	Pnp
ENSMUSG00000002055	6.720007107	2.748462759	3.32E-10	3.51E-09	17.8278031	18.0914331	6.75442131	95.3787067	113.778188	74.4637983	Spag5
ENSMUSG00000020275	2.432567297	1.282479718	3.33E-10	3.51E-09	99.6259585	117.594315	110.000576	239.268997	293.092612	263.487286	Rel
ENSMUSG00000031840	0.443710745	-1.172308603	3.40E-10	3.58E-09	576.781865	619.631584	607.897918	211.313169	303.105093	287.544821	Rab3a
ENSMUSG00000026042	2.424881462	1.277914224	3.44E-10	3.63E-09	5358.82787	5791.52003	6252.6643	18490.3134	11015.549	12693.2136	Col5a2
ENSMUSG00000026944	0.37766204	-1.404832314	3.46E-10	3.64E-09	1672.66741	1788.79045	1595.97326	800.852244	674.477098	431.89003	Abca2
ENSMUSG00000033491	7.319384199	2.871722276	3.47E-10	3.65E-09	20.973886	7.91500199	17.3685119	157.868204	74.6384912	107.686108	Prss35
ENSMUSG00000022434	0.486294366	-1.040098217	3.49E-10	3.66E-09	737.232093	973.545245	971.671752	435.782022	437.818467	430.744434	Fam118a
ENSMUSG00000027674	0.27753059	-1.849281298	3.54E-10	3.72E-09	171.985865	197.87505	186.229045	70.7117998	45.5112752	36.6591007	Pex5l
ENSMUSG00000001098	0.490297194	-1.028271589	3.57E-10	3.74E-09	4598.5245	4669.85118	5046.51764	2770.09365	2334.72842	1910.85563	Kctd10
ENSMUSG00000055407	0.473365833	-1.078972516	3.63E-10	3.80E-09	1241.65405	1620.31398	1601.76277	802.496705	638.068078	671.319782	Map6
ENSMUSG00000072258	0.484323615	-1.045956747	3.67E-10	3.85E-09	637.606134	754.186618	751.6706	393.84828	317.668701	325.349519	Taf1a
ENSMUSG00000038668	2.553465201	1.352456398	3.68E-10	3.85E-09	676.407823	652.422307	605.968083	1349.27981	1387.18367	2206.41962	Lpar1
ENSMUSG00000034245	0.438304057	-1.189996062	3.69E-10	3.87E-09	406.893388	466.985118	511.406185	222.002162	212.992768	170.693938	Hdac11
ENSMUSG00000049502	2.349124056	1.232122903	3.75E-10	3.92E-09	324.046539	419.495106	361.843999	695.606775	1008.52986	892.419983	Dtx3l
ENSMUSG00000060429	0.236956493	-2.077305901	3.84E-10	4.01E-09	405.844694	385.573668	382.107263	143.89029	81.9202953	50.4062635	Sntb1
ENSMUSG00000000942	0.277438472	-1.849760237	3.87E-10	4.04E-09	105.918124	99.5028822	107.105824	27.9558278	29.1272161	29.7855193	Hoxa4
ENSMUSG00000028927	9.440327206	3.238836865	3.91E-10	4.08E-09	30.4121347	23.745006	14.47376	90.4453253	384.115162	171.839535	Padi2
ENSMUSG00000027639	2.631108618	1.395670807	3.96E-10	4.13E-09	1516.41196	1553.60182	1132.81295	2643.47019	4467.38677	3946.58131	Samhd1
ENSMUSG00000022893	0.445329865	-1.167053729	3.99E-10	4.16E-09	7339.8114	7738.61052	6031.69823	3873.52662	2908.17048	2616.54331	Adamts1
ENSMUSG00000032691	20.16093593	4.333490709	4.02E-10	4.18E-09	1.0486943	2.26142914	9.6491733	57.5561161	145.63608	64.1534263	Nlrp3
ENSMUSG00000024440	4.584525722	2.196772492	4.15E-10	4.32E-09	34.6069119	18.0914331	30.8773546	155.401514	101.945256	127.161256	Pcdh12
ENSMUSG00000068263	4.007421941	2.002674419	4.18E-10	4.35E-09	40.8990777	23.745006	29.9124372	146.356981	119.239541	113.414093	Efcc1
ENSMUSG00000030165	60.82056472	5.926487307	4.26E-10	4.43E-09	1.0486943	1.13071457	0.96491733	59.2005766	87.3816483	43.5326821	Klrd1
ENSMUSG00000036585	0.460513516	-1.118684596	4.30E-10	4.46E-09	1972.59398	2816.60999	2738.43538	1270.34571	1147.79436	1047.07556	Fgf1
ENSMUSG00000031951	0.438723741	-1.188615317	4.41E-10	4.57E-09	266.368352	327.907225	319.387636	136.490218	135.6236	128.306853	Tmem231
ENSMUSG00000023034	0.472980232	-1.080148207	4.47E-10	4.63E-09	4639.42358	5469.26638	3933.96796	2184.66572	1937.8701	2520.31317	Nr4a1
ENSMUSG00000027792	0.274120546	-1.86711763	4.63E-10	4.79E-09	1161.95328	771.147337	847.197416	381.514827	195.698483	183.295504	Bche
ENSMUSG00000023013	9.493923693	3.247004454	4.72E-10	4.87E-09	15.7304145	13.5685748	12.5439253	62.4894975	105.586158	230.264976	Aqp2
ENSMUSG00000026622	5.446133385	2.445232317	4.74E-10	4.89E-09	12.5843316	14.6992894	19.2983466	69.0673393	101.035031	84.7741704	Nek2
ENSMUSG00000021719	0.43335217	-1.206388165	4.76E-10	4.91E-09	2329.15004	2626.64995	2022.46672	1257.19002	921.148209	843.159317	Rgs7bp
ENSMUSG00000027698	2.413099551	1.270887434	4.76E-10	4.91E-09	191.911057	167.345756	177.544789	346.158927	492.431997	458.238759	Nceh1
ENSMUSG00000072825	0.490767919	-1.026887151	4.80E-10	4.95E-09	1125.24898	1374.94892	1321.93674	689.851163	530.661468	655.281425	Cep170b
ENSMUSG00000054293	6.18375968	2.628484253	4.83E-10	4.97E-09	9.4382487	11.3071457	12.5439253	78.9341021	62.8055597	64.1534263	P2ry10b
ENSMUSG00000013974	25.0708607	4.647939621	4.87E-10	5.01E-09	3.1460829	4.52285828	0.96491733	34.5336697	115.598639	61.8622325	Mcemp1
ENSMUSG00000099974	45.4421001	5.505957605	4.88E-10	5.02E-09	0	2.26142914	1.92983466	39.4670511	96.4839033	53.8430542	Bcl2a1d
ENSMUSG00000023885	3.125937705	1.644289028	5.07E-10	5.21E-09	1362.2539	1246.04746	1638.42963	5529.4983	2633.28238	5113.94455	Thbs2
ENSMUSG00000047867	2.423560572	1.27712814	5.09E-10	5.23E-09	393.260362	283.809357	299.124372	896.230951	826.484757	641.534263	Gimap6
ENSMUSG00000025978	0.475126498	-1.073616427	5.30E-10	5.44E-09	975.285699	1037.99598	1223.51517	582.139003	437.818467	517.809798	Rftn2
ENSMUSG00000029413	2.085318365	1.060267656	5.65E-10	5.79E-09	637.606134	591.36372	653.249033	1120.6998	1570.13899	1234.95346	Naaa
ENSMUSG00000079465	0.221180641	-2.176702978	5.65E-10	5.79E-09	364.945616	386.704383	372.45809	120.045614	90.1123248	36.6591007	Col4a3
ENSMUSG00000024338	3.240716454	1.696312798	5.86E-10	5.99E-09	457.230715	459.070116	352.194826	832.096993	1794.96469	1483.54798	Psmb8
ENSMUSG00000052371	4.267206137	2.093291805	5.86E-10	5.99E-09	32.5095233	26.0064351	29.9124372	95.3787067	121.059992	162.674759	Hoxd3os1
ENSMUSG00000049001	2.776062254	1.473039921	5.89E-10	6.03E-09	209.73886	245.365062	218.071317	833.741454	539.763723	492.606666	Ndnf
ENSMUSG00000021313	0.355666878	-1.491401467	6.07E-10	6.20E-09	1130.49246	1647.45113	1394.30554	634.761738	495.162674	351.698248	Ryr2
ENSMUSG00000097324	0.260969758	-1.938045461	6.09E-10	6.22E-09	2220.08583	3182.96152	2323.52093	1000.65419	643.529431	370.027798	Carmn
ENSMUSG00000022089	2.08503216	1.060069637	6.12E-10	6.25E-09	229.664052	244.234347	228.685407	425.093029	501.534252	539.576139	Bin3
ENSMUSG00000038453	3.471436489	1.795532777	6.13E-10	6.25E-09	41.947772	47.490012	32.8071892	119.223383	157.469012	146.636403	Srcin1
ENSMUSG00000079553	4.813489793	2.267083231	6.27E-10	6.38E-09	26.2173575	15.830004	16.4035946	82.223023	106.496384	92.7933487	Kifc1
ENSMUSG00000062380	5.909861326	2.563124278	6.29E-10	6.39E-09	12.5843316	36.1828662	14.47376	110.178851	131.982698	128.306853	Tubb3
ENSMUSG00000033386	2.941149331	1.556380036	6.32E-10	6.42E-09	233.858829	235.188631	171.755285	449.759936	638.068078	797.335441	Frrs1
ENSMUSG00000057969	0.487977962	-1.035112099	6.42E-10	6.51E-09	1306.6731	1602.22255	1616.23653	809.074547	622.594244	776.714697	Sema3b
ENSMUSG00000097084	0.23397849	-2.095552191	6.54E-10	6.63E-09	105.918124	124.378603	173.685119	23.8446767	33.6783436	37.8046976	Foxl1
ENSMUSG00000018500	5.083314191	2.345769404	6.55E-10	6.64E-09	16.7791088	14.6992894	19.2983466	70.7117998	83.7407463	105.394915	Adora2b
ENSMUSG00000018930	29.19173125	4.867487869	6.59E-10	6.68E-09	6.2921658	2.26142914	0.96491733	29.6002883	158.379238	88.2109611	Ccl4
ENSMUSG00000039798	0.261967375	-1.932540942	6.80E-10	6.88E-09	97.5285699	157.169325	147.632352	36.1781301	33.6783436	35.5135038	2600006K01Rik
ENSMUSG00000021567	3.222236622	1.688062441	6.82E-10	6.90E-09	125.843316	140.208607	81.0530558	466.204541	344.975466	303.583178	Nkd2
ENSMUSG00000026890	2.856146134	1.514069796	7.18E-10	7.24E-09	149.963285	89.326451	139.913013	318.203099	414.152604	352.843844	Lhx6
ENSMUSG00000052135	0.243318377	-2.03908281	7.18E-10	7.24E-09	126.89201	119.855744	140.87793	32.066979	41.8703731	19.4751473	Foxo6
ENSMUSG00000028064	3.573130649	1.837188666	7.36E-10	7.41E-09	201.349306	131.16289	97.4566504	400.426122	648.080558	486.878681	Sema4a
ENSMUSG00000029438	0.43015005	-1.217088088	7.36E-10	7.41E-09	616.632248	704.435177	656.143785	355.20346	244.85066	248.594527	Bcl7a
ENSMUSG00000070780	4.554242317	2.187211055	7.44E-10	7.48E-09	80.7494611	42.9671537	49.2107838	170.201658	259.414268	359.717426	Rbm47
ENSMUSG00000048503	0.328842189	-1.60453269	7.74E-10	7.78E-09	372.286476	492.991553	539.388788	196.513025	109.22706	155.801178	Tmem136
ENSMUSG00000029570	2.567425652	1.360322499	7.75E-10	7.78E-09	573.635782	345.998658	370.528255	974.342823	1175.10112	1163.92645	Lfng
ENSMUSG00000038486	0.326400742	-1.615283759	7.84E-10	7.87E-09	272.660518	382.181525	288.510282	133.201297	81.9202953	91.6477518	Sv2a
ENSMUSG00000036353	5.403795948	2.433973198	8.13E-10	8.15E-09	12.5843316	29.3985788	15.4386773	97.0231672	120.149766	90.5021549	P2ry12
ENSMUSG00000076928	7.71717224	2.948072306	8.26E-10	8.28E-09	11.5356373	13.5685748	4.82458665	57.5561161	91.9327758	79.0461859	Trac

ENSMUSG00000057967	2.729447519	1.448608958	8.49E-10	8.49E-09	76.5546839	58.7971577	64.6494611	189.935183	167.481493	189.023488	Fgf18
ENSMUSG00000025656	0.469825904	-1.089801837	8.57E-10	8.56E-09	434.15944	517.867273	548.073044	259.824753	223.005248	221.100201	Arhgef9
ENSMUSG00000023232	8.820376216	3.140840192	8.80E-10	8.79E-09	23.0712746	16.9607186	13.5088426	75.6451812	276.708553	119.142077	Serinc2
ENSMUSG00000074766	2.567228856	1.360211911	9.17E-10	9.15E-09	287.342238	166.215042	211.316895	587.072384	533.392145	587.691208	Ism1
ENSMUSG00000110408	0.039967925	-4.645013531	9.19E-10	9.17E-09	41.947772	64.4507305	37.6317759	0.82223023	1.82045101	3.43679069	Gm45881
ENSMUSG00000028461	0.465084669	-1.104434711	9.28E-10	9.26E-09	1074.91166	1405.47821	1307.46298	491.693678	601.659058	670.174185	Ccdc107
ENSMUSG00000031286	0.255302074	-1.969722836	9.36E-10	9.33E-09	152.060673	145.86218	137.983178	23.8446767	50.0624027	37.8046976	Glt28d2
ENSMUSG00000087150	9.379563796	3.229520831	9.48E-10	9.44E-09	7.3408601	4.52285828	6.75442131	42.755972	64.6260107	68.7358139	BC064078
ENSMUSG00000070056	0.424479794	-1.236232215	9.50E-10	9.45E-09	1394.76342	2056.7698	1665.44731	628.183896	672.656647	872.944836	Mfhas1
ENSMUSG00000037568	7.076552246	2.823046639	9.55E-10	9.49E-09	12.5843316	9.04571656	15.4386773	66.6006487	70.0873637	128.306853	Vash2
ENSMUSG00000034311	6.26022793	2.646215185	9.72E-10	9.66E-09	8.3895544	15.830004	13.5088426	61.6672673	97.3941288	76.7549921	Kif4
ENSMUSG00000062329	0.461593127	-1.115306351	1.03E-09	1.02E-08	7552.69635	5225.03203	5375.55445	2687.87062	3124.80415	2566.13705	Cytl1
ENSMUSG00000038811	2.845665378	1.508766025	1.04E-09	1.03E-08	225.469274	176.391473	153.421856	385.625978	615.31244	579.67203	Gngt2
ENSMUSG00000004933	4.900703512	2.292988868	1.05E-09	1.04E-08	23.0712746	32.7907225	21.2281813	87.1564044	165.661042	123.724465	Matk
ENSMUSG00000052698	2.010050828	1.007231983	1.05E-09	1.04E-08	586.220114	543.873708	495.967508	1112.4775	1228.80443	924.496696	Tln2
ENSMUSG00000022270	3.413702216	1.771337215	1.06E-09	1.05E-08	133.184176	97.241453	100.351402	259.002523	509.726282	360.863023	Fam134b
ENSMUSG00000000317	3.137642297	1.649680889	1.06E-09	1.05E-08	153.109368	139.077892	216.141482	408.648424	482.419517	707.978883	Bcl6b
ENSMUSG00000022419	2.638721903	1.399839312	1.09E-09	1.07E-08	1499.63285	971.283816	830.793821	2539.86918	2940.9386	3231.72885	Deptor
ENSMUSG00000026051	3.823676481	1.934960463	1.09E-09	1.08E-08	128.989399	79.1500199	93.596981	555.005405	283.080131	315.039147	1500015O10Rik
ENSMUSG00000037548	11.21212314	3.486987589	1.09E-09	1.08E-08	8.3895544	10.1764311	1.92983466	47.6893534	92.8430013	85.9197673	H2-DMb2
ENSMUSG00000031803	2.296135216	1.199207603	1.09E-09	1.08E-08	315.656984	225.012199	292.369951	593.650226	738.192883	581.963224	B3gnt3
ENSMUSG00000074677	111.3869523	6.799436437	1.11E-09	1.09E-08	1.0486943	1.13071457	0	56.7338859	114.688413	61.8622325	Sirpb1c
ENSMUSG00000029406	0.482692827	-1.050822708	1.11E-09	1.09E-08	2409.8995	2322.48773	1988.69462	1298.30153	1013.08098	930.224681	Pitpnm2
ENSMUSG00000006445	2.408434076	1.268095435	1.12E-09	1.10E-08	127.940705	104.02574	108.070741	306.691876	249.401788	262.34169	Epha2
ENSMUSG00000045441	5.597688782	2.484831279	1.13E-09	1.11E-08	18.8764974	21.4835768	9.6491733	113.467772	80.0998443	83.6285735	Gprin3
ENSMUSG00000097295	16.72066128	4.06356	1.16E-09	1.14E-08	7.3408601	4.52285828	3.85966932	28.7780581	112.867962	121.433271	Hmgb1-ps8
ENSMUSG00000073759	0.043904794	-4.509477722	1.16E-09	1.15E-08	41.947772	45.2285828	41.4914452	2.46669069	0.9102255	2.2911938	4933407E24Rik
ENSMUSG00000039883	0.385036636	-1.37693237	1.17E-09	1.15E-08	2576.64189	2692.23139	2791.50584	1096.85513	690.861157	1317.43643	Lrrc17
ENSMUSG00000070639	2.794788478	1.482739098	1.18E-09	1.16E-08	100.674653	82.5421636	65.6143785	258.180292	225.735925	209.644232	Lrrc8b
ENSMUSG00000052221	0.065569956	-3.930821264	1.21E-09	1.19E-08	60.8242694	38.4442954	56.9301225	5.75561161	0.9102255	3.43679069	Ppp1r36
ENSMUSG00000037649	5.186943779	2.374884733	1.24E-09	1.22E-08	80.7494611	201.267194	89.7373117	382.337057	904.76415	638.097472	H2-DMa
ENSMUSG00000044162	22.90508251	4.517595854	1.26E-09	1.23E-08	3.1460829	2.26142914	1.92983466	29.6002883	76.4589423	61.8622325	Tnip3
ENSMUSG00000011263	3.491664444	1.80391492	1.28E-09	1.25E-08	92.2850984	80.2807345	71.4038824	197.335255	267.606298	388.357348	Exoc3l2
ENSMUSG00000052629	0.318005389	-1.652876883	1.29E-09	1.26E-08	130.038093	169.607186	154.386773	39.4670511	52.7930792	52.6974573	Gm9885
ENSMUSG00000105906	32.78869396	5.035126532	1.29E-09	1.26E-08	5.2434715	2.26142914	0	46.0448929	150.187208	45.8238759	Iglc1
ENSMUSG00000022861	0.420848477	-1.2486272	1.32E-09	1.29E-08	291.537015	299.639361	363.773834	127.445686	153.82811	120.287674	Dgkg
ENSMUSG00000006411	16.7310262	4.064454031	1.40E-09	1.36E-08	5.2434715	1.13071457	5.78950398	32.8892092	81.9202953	92.7933487	Nectin4
ENSMUSG00000056220	0.411487126	-1.281080802	1.43E-09	1.39E-08	1061.27863	1027.81954	960.092744	540.205261	396.858319	315.039147	Pla2g4a
ENSMUSG00000028337	3.990564734	1.996592927	1.44E-09	1.41E-08	88.0903212	53.1435848	41.4914452	187.468493	299.464191	241.720945	Coro2a
ENSMUSG00000102418	19.71492294	4.301216166	1.47E-09	1.43E-08	1.0486943	2.26142914	4.82458665	33.7114394	69.1771382	60.7166356	Sh2d1b1
ENSMUSG00000063632	28.79324856	4.847658663	1.51E-09	1.47E-08	3.1460829	3.39214371	0.96491733	32.066979	51.8828537	129.452449	Sox11
ENSMUSG00000028399	0.369537421	-1.436207629	1.53E-09	1.48E-08	2524.20718	2740.85212	2384.31072	945.564765	626.235146	1256.7198	Ptprd
ENSMUSG00000020357	2.991636412	1.580934848	1.53E-09	1.49E-08	462.474186	269.110068	335.791231	1405.19146	933.891366	853.469689	Flt4
ENSMUSG00000095788	212.8936368	7.73398902	1.55E-09	1.50E-08	0	1.13071457	0	60.0228068	127.43157	51.5518604	Sirpb1a
ENSMUSG00000044703	26.57667722	4.732088836	1.60E-09	1.55E-08	4.1947772	0	1.92983466	35.3558999	76.4589423	53.8430542	Phf11a
ENSMUSG00000078942	7.264653178	2.860893924	1.65E-09	1.59E-08	15.7304145	6.78428742	17.3685119	111.823311	121.059992	58.4254418	Naip6
ENSMUSG00000040430	2.84620374	1.509038938	1.65E-09	1.60E-08	382.773419	243.103633	226.755573	632.295047	890.200542	905.021549	Pitpnc1
ENSMUSG00000035683	8.292937404	3.051883203	1.67E-09	1.61E-08	3.1460829	12.4378603	7.71933864	69.0673393	62.8055597	59.5710387	Melk
ENSMUSG00000031671	0.469498215	-1.090808423	1.68E-09	1.62E-08	504.421958	615.108726	552.89763	224.468853	297.643739	263.487286	Setd6
ENSMUSG00000008475	2.131228151	1.091685044	1.71E-09	1.65E-08	1862.48108	1670.06542	1955.88743	3072.67437	3934.90485	4693.51049	Arpc5
ENSMUSG00000041771	0.040665559	-4.620048727	1.79E-09	1.73E-08	52.434715	52.0128702	32.8071892	3.28892092	0.9102255	1.1455969	Slc24a4
ENSMUSG00000039217	4.709839848	2.235678004	1.80E-09	1.73E-08	16.7791088	20.3528623	26.0527679	74.822951	106.496384	117.99648	Il18
ENSMUSG00000038679	2.089341789	1.063048518	1.81E-09	1.74E-08	354.458673	298.508647	291.405034	603.516989	610.761313	760.67634	Trps1
ENSMUSG00000023979	0.242495397	-2.043970732	1.84E-09	1.77E-08	110.112901	165.084327	94.5618984	30.4225185	28.2169906	30.9311162	Guca1b
ENSMUSG00000060470	3.25673752	1.703427449	1.85E-09	1.78E-08	82.8468497	53.1435848	67.5442131	268.869285	223.915474	169.548341	Adgrg3
ENSMUSG00000028965	11.72636112	3.551683486	1.85E-09	1.78E-08	5.2434715	4.52285828	2.89475199	42.755972	45.5112752	59.5710387	Tnfrsf9
ENSMUSG00000016995	7.545422861	2.915601755	1.87E-09	1.79E-08	38.8016891	52.0128702	34.7370239	546.783103	111.047511	287.544821	Matn4
ENSMUSG00000022479	6.599983862	2.722462497	1.91E-09	1.83E-08	14.6817202	14.6992894	5.78950398	82.223023	61.8953342	85.9197673	Vdr
ENSMUSG00000037185	0.329372789	-1.602206722	1.93E-09	1.85E-08	189.813668	245.365062	192.983466	72.3562603	82.8305208	50.4062635	Krt80
ENSMUSG00000046167	0.44432936	-1.17029862	1.94E-09	1.86E-08	445.695077	547.265852	569.301225	267.224825	229.376827	195.897069	Gldn
ENSMUSG00000040957	0.495208768	-1.013891235	1.96E-09	1.88E-08	619.778331	581.187289	759.389939	337.114394	307.65622	326.495116	Cables1
ENSMUSG00000020473	0.489431573	-1.030820923	1.99E-09	1.90E-08	17532.0713	19481.0813	20324.0537	11378.0219	7659.54761	9023.86676	Aebp1
ENSMUSG00000034205	2.830990616	1.501306967	2.00E-09	1.92E-08	692.138238	957.715241	1094.21625	2174.79896	2080.7755	3515.83688	Loxl2
ENSMUSG00000044712	2.263126508	1.178317233	2.07E-09	1.98E-08	197.154528	209.182195	155.35169	471.137922	379.564035	418.142868	Slc38a6
ENSMUSG00000044220	0.010037722	-6.638424336	2.08E-09	1.98E-08	57.6781865	53.1435848	76.2284691	0	1.82045101	0	Nkx2-3
ENSMUSG00000028681	2.654165887	1.408258543	2.08E-09	1.99E-08	121.648539	141.339321	122.544501	406.181734	357.718623	256.613705	Ptch2
ENSMUSG00000031980	5.759040991	2.525828591	2.09E-09	1.99E-08	14.6817202	9.04571656	12.5439253	58.3783464	78.2793933	73.3182014	Agt
ENSMUSG00000009376	2.794558223	1.482620233	2.10E-09	2.00E-08	261.124881	142.470036	182.369375	508.138282	631.696499	498.33465	Met
ENSMUSG00000097617	0.470435761	-1.08793036	2.11E-09	2.01E-08	488.691544	641.115161	652.284115	264.758134	272.157425	302.437581	Gm10687
ENSMUSG00000068696	20.67663843	4.369929749	2.14E-09	2.04E-08	5.2434715	1.13071457	0.96491733	37.8225906	60.9851087	52.6974573	Gpr88
ENSMUSG00000044469	3.75663427	1.909440668	2.20E-09	2.09E-08	45.0938549	28.2678643	29.9124372	136.490218	106.496384	145.490806	Tnfaip8l1
ENSMUSG00000030577	11.00775051	3.460447772	2.29E-09	2.17E-08	10.486943	7.91500199	0.96491733	55.9116557	71.9078147	82.4829766	Cd22
ENSMUSG00000048279	0.404814524	-1.304667042	2.30E-09	2.18E-08	1321.35482	1406.60893	1660.62273	744.118358	601.659058	428.45324	Sacs
ENSMUSG00000046179	7.320948717	2.872030618	2.37E-09	2.24E-08	7.3408601	5.65357285	9.6491733	54.2671952	54.6135302	58.4254418	E2f8
ENSMUSG00000027857	0.251063671	-1.99387481	2.47E-09	2.34E-08	78.6520725	104.02574	117.719914	24.6669069	24.5760886	26.3487286	Tshb
ENSMUSG00000023505	6.191657564	2.630325684	2.48E-09	2.35E-08	18.8764974	20.3528623	12.5439253	60.845037	122.880443	136.326031	Cdca3
ENSMUSG00000029603	2.156403708	1.108627296	2.64E-09	2.49E-08	188.764974	141.339321	170.790367	373.292525	345.885691	362.00862	Dtx1

ENSMUSG00000022651	38.52359248	5.267670341	2.66E-09	2.51E-08	1.0486943	3.39214371	3.85966932	34.5336697	245.760886	40.0958914	Retnlg
ENSMUSG00000071068	15.82519051	3.984150962	2.77E-09	2.61E-08	4.1947772	3.39214371	2.89475199	29.6002883	70.9975892	65.2990232	Treml2
ENSMUSG00000015247	2.004448008	1.003204997	2.78E-09	2.62E-08	164.645005	158.30004	172.720202	328.069862	324.040279	342.533472	Nipsnap3b
ENSMUSG00000108478	14.94499972	3.901590965	2.78E-09	2.62E-08	14.6817202	4.52285828	5.78950398	42.755972	106.496384	225.682589	Gm19514
ENSMUSG00000034919	0.222886841	-2.165616648	2.83E-09	2.66E-08	67.1164352	84.8035928	76.2284691	17.2668348	16.3840591	17.1839535	Ttc22
ENSMUSG00000036067	7.455742948	2.898352121	2.84E-09	2.67E-08	6.2921658	19.2221477	14.47376	61.6672673	133.803149	101.958124	Slc2a6
ENSMUSG00000015202	0.49818846	-1.005236491	2.86E-09	2.68E-08	614.53486	670.51374	737.19684	367.536913	288.541484	351.698248	Magi1
ENSMUSG00000046694	0.494160056	-1.016949695	3.02E-09	2.84E-08	702.625181	884.218794	667.722793	373.292525	346.795917	394.085333	Fam46b
ENSMUSG00000038216	0.016910219	-5.885960817	3.03E-09	2.85E-08	28.3147461	74.6271616	65.6143785	0	1.82045101	1.1455969	Pnmt
ENSMUSG00000024901	0.366791144	-1.446969289	3.06E-09	2.87E-08	158.352839	177.522188	166.930698	71.53403	59.1646577	52.6974573	Peli3
ENSMUSG00000027852	2.353150498	1.234593593	3.22E-09	3.01E-08	953.263118	931.708806	939.82948	1604.17118	2239.15474	2806.7124	Nras
ENSMUSG00000053835	2.903230474	1.537659106	3.35E-09	3.13E-08	111.161596	110.810028	86.8425597	244.202378	388.66629	262.34169	H2-T24
ENSMUSG00000030519	8.20438929	3.036395948	3.37E-09	3.14E-08	8.3895544	3.39214371	7.71933864	55.9116557	51.8828537	53.8430542	Apba2
ENSMUSG00000030638	5.084993153	2.346245831	3.43E-09	3.20E-08	33.5582176	16.9607186	12.5439253	106.0677	102.855482	111.122899	Sh3gl3
ENSMUSG00000031750	3.875762901	1.954480317	3.46E-09	3.22E-08	83.895544	47.490012	40.5265279	200.624176	186.596228	279.525643	Il34
ENSMUSG00000040170	0.262622338	-1.92893846	3.51E-09	3.27E-08	27941.4109	20021.5629	15849.7321	8600.52821	4946.16538	3209.96251	Fmo2
ENSMUSG00000086918	0.358215598	-1.481099935	3.51E-09	3.27E-08	211.836249	267.979353	275.966356	70.7117998	111.047511	89.356558	4930429F24Rik
ENSMUSG00000001802	0.477154429	-1.06747183	3.51E-09	3.27E-08	865.172797	949.800239	914.741629	533.627419	388.66629	378.046976	Lrp3
ENSMUSG00000041920	2.498809548	1.321240948	3.60E-09	3.35E-08	88.0903212	79.1500199	69.4740478	183.357341	208.44164	199.33386	Slc16a6
ENSMUSG00000042215	0.449457191	-1.153744384	3.64E-09	3.38E-08	309.364818	344.867944	381.142345	154.579283	174.763297	135.180434	Bag2
ENSMUSG00000074896	3.945197889	1.980097667	3.65E-09	3.39E-08	573.635782	569.880143	400.440692	955.431528	2591.41201	2544.37071	Ifit3
ENSMUSG00000064141	4.327017344	2.113372904	3.72E-09	3.45E-08	20.973886	20.3528623	17.3685119	70.7117998	88.2918738	95.0845425	Zfp69
ENSMUSG00000037997	2.496272329	1.319775332	3.76E-09	3.48E-08	152.060673	211.443625	180.439541	355.20346	493.342223	509.790619	Parp11
ENSMUSG00000046031	12.59589191	3.654881377	3.80E-09	3.52E-08	5.2434715	5.65357285	8.68425597	31.2447488	116.508864	100.812527	Fam26f
ENSMUSG00000016262	2.31408211	1.210440056	3.93E-09	3.63E-08	367.043005	387.835098	434.212799	1154.41124	731.821304	864.925658	Sertad4
ENSMUSG00000035835	2.795064651	1.482881653	4.08E-09	3.77E-08	80.7494611	91.5878802	63.6845438	249.13576	226.64615	181.00431	Plppr3
ENSMUSG00000032496	76.52947135	6.257943529	4.25E-09	3.92E-08	6.2921658	2.26142914	2.89475199	211.313169	607.120411	58.4254418	Ltf
ENSMUSG00000075027	0.26436508	-1.919396473	4.31E-09	3.97E-08	102.772041	170.7379	162.106112	37.8225906	30.9476671	46.9694728	4631405J19Rik
ENSMUSG00000022357	0.269220017	-1.893142412	4.38E-09	4.03E-08	139.476342	111.940742	170.790367	41.9337417	44.6010496	26.3487286	Klhl38
ENSMUSG00000026778	6.726676944	2.749893973	4.42E-09	4.06E-08	36.7043005	26.0064351	16.4035946	118.401153	297.643739	114.55969	Prkcq
ENSMUSG00000024401	45.00551549	5.492029912	4.44E-09	4.08E-08	2.0973886	1.13071457	0.96491733	32.066979	114.688413	41.2414883	Tnf
ENSMUSG00000036040	0.406928672	-1.297152158	4.55E-09	4.18E-08	406.893388	355.044375	299.124372	171.846118	134.713374	123.724465	Adamtsl2
ENSMUSG00000034872	0.104014187	-3.265147774	4.55E-09	4.18E-08	45.0938549	55.4050139	59.8248745	9.04453253	2.73067651	4.58238759	Gipc3
ENSMUSG00000002227	2.190800074	1.131457834	4.59E-09	4.21E-08	148.914591	187.698619	171.755285	332.181013	416.88328	364.299813	Mov10
ENSMUSG00000030117	161.3001306	7.333603796	4.63E-09	4.25E-08	1.0486943	0	0	49.3338138	69.1771382	63.0078294	Gdf3
ENSMUSG00000047907	2.866901286	1.51949223	4.80E-09	4.40E-08	497.081098	398.011529	403.335444	841.963756	1162.35797	1720.68654	Tshz2
ENSMUSG00000024665	0.367537077	-1.444038299	4.85E-09	4.45E-08	592.512279	642.245876	659.038537	323.958711	180.22465	190.169085	Fads2
ENSMUSG00000052749	18.32371305	4.19563997	4.97E-09	4.54E-08	2.0973886	2.26142914	2.89475199	32.066979	53.7033047	48.1150697	Trim30b
ENSMUSG00000004446	2.862961296	1.517508167	5.02E-09	4.59E-08	52.434715	88.1957365	74.2986344	185.001802	215.723444	214.22662	Bid
ENSMUSG00000032511	5.452577355	2.446938332	5.03E-09	4.59E-08	22.0225803	15.830004	10.6140906	112.645542	75.5487168	74.4637983	Scn5a
ENSMUSG00000042684	5.56140327	2.475448954	5.06E-09	4.62E-08	25.1686632	14.6992894	10.6140906	72.3562603	93.7532268	114.55969	Npl
ENSMUSG00000025810	2.059020843	1.041958434	5.12E-09	4.67E-08	1526.8989	1066.26384	1101.93559	2756.93796	2345.65112	2505.42042	Nrp1
ENSMUSG00000036833	2.16765473	1.116134979	5.21E-09	4.75E-08	222.323192	244.234347	202.632639	419.337417	566.160263	463.966744	Pnpla7
ENSMUSG00000047534	5.413728491	2.436622535	5.42E-09	4.93E-08	12.5843316	20.3528623	11.579008	60.845037	87.3816483	91.6477518	Mis18bp1
ENSMUSG00000057143	2.511299029	1.328433826	5.43E-09	4.94E-08	592.512279	521.259417	576.055646	968.587211	1509.15388	1768.80161	Trim12c
ENSMUSG00000079343	14.6748784	3.875276644	5.50E-09	5.00E-08	5.2434715	2.26142914	1.92983466	55.9116557	37.3192456	44.678279	C1s2
ENSMUSG00000030222	3.042934259	1.605463165	5.61E-09	5.10E-08	70.2625181	41.8364391	54.0353705	185.001802	168.391718	152.364387	Rerg
ENSMUSG00000023805	0.474015917	-1.076992591	5.77E-09	5.24E-08	1435.6625	1722.07829	1755.18462	956.253758	679.938451	690.794929	Synj2
ENSMUSG00000051314	6.270691649	2.648624579	5.98E-09	5.42E-08	40.8990777	29.3985788	36.6668586	130.734607	140.174727	402.104511	Ffar2
ENSMUSG00000038550	0.352321642	-1.505034996	6.00E-09	5.44E-08	527.493233	928.316662	548.073044	272.158206	227.556376	205.061845	Ciart
ENSMUSG00000037940	2.629767564	1.39493529	6.02E-09	5.45E-08	171.985865	153.777182	155.35169	543.494182	402.319672	317.330341	Inpp4b
ENSMUSG00000054641	3.943611605	1.979517472	6.02E-09	5.45E-08	629.21658	405.926531	431.318047	3014.29602	1725.78755	1041.34758	Mmrn1
ENSMUSG00000026825	2.378797529	1.250232482	6.16E-09	5.57E-08	664.872186	518.997988	469.91474	1614.03794	1041.29798	1277.34054	Dnm1
ENSMUSG00000053477	2.603580707	1.380497128	6.21E-09	5.61E-08	2980.3892	2601.77423	2457.64444	4865.13627	6479.89536	9589.79163	Tcf4
ENSMUSG00000033083	2.328018648	1.219102615	6.26E-09	5.65E-08	337.679565	245.365062	236.404746	675.873249	700.873637	529.265767	Tbc1d4
ENSMUSG00000036106	2.264010383	1.178880574	6.27E-09	5.66E-08	100.674653	93.8493093	101.31632	234.335616	205.710964	230.264976	Prr5
ENSMUSG00000078640	0.403473909	-1.309452711	6.50E-09	5.86E-08	210.787554	283.809357	265.352266	112.645542	104.675933	88.2109611	Gm11627
ENSMUSG00000072568	2.318193137	1.213000767	6.67E-09	6.01E-08	141.57373	108.548599	111.93041	256.535832	275.798327	308.165565	Fam84b
ENSMUSG00000026163	0.244471662	-2.032260847	6.75E-09	6.08E-08	106.966819	92.7185948	81.0530558	26.3113674	25.4863141	16.0383566	Sphkap
ENSMUSG00000000402	62.93444413	5.975777918	6.93E-09	6.23E-08	2.0973886	0	0.96491733	46.0448929	31.8578926	119.142077	Egfl6
ENSMUSG00000000958	2.163103923	1.113102979	6.95E-09	6.24E-08	122.697233	114.202172	124.474336	274.624897	238.479082	269.215271	Slc7a7
ENSMUSG00000078302	0.143780937	-2.798055684	6.99E-09	6.28E-08	67.1164352	92.7185948	80.0881384	16.4446046	13.6533825	3.43679069	Foxd1
ENSMUSG00000110575	0.235792363	-2.084411104	7.02E-09	6.30E-08	108.015513	133.424319	108.070741	37.8225906	27.3067651	16.0383566	6330537M06Rik
ENSMUSG00000061577	13.95868887	3.803091531	7.03E-09	6.31E-08	1.0486943	7.91500199	3.85966932	36.1781301	76.4589423	64.1534263	Adgrg5
ENSMUSG00000038754	0.006681476	-7.225617474	7.29E-09	6.54E-08	204.495388	39.57501	33.7721066	0.82223023	0.9102255	0	Elovl3
ENSMUSG00000046818	5.144594905	2.363057481	7.47E-09	6.70E-08	67.1164352	57.6664431	54.0353705	185.001802	531.571694	202.770651	Ddit4l
ENSMUSG00000041538	7.321940735	2.872226096	7.69E-09	6.88E-08	7.3408601	10.1764311	6.75442131	51.8005045	76.4589423	48.1150697	H2-Ob
ENSMUSG00000024806	4.866500665	2.282884752	7.79E-09	6.97E-08	13.6330259	16.9607186	12.5439253	74.822951	60.9851087	73.3182014	Mlana
ENSMUSG00000079462	0.08882417	-3.49290389	7.81E-09	6.98E-08	56.6294922	54.2742994	34.7370239	6.57784184	3.64090201	2.2911938	Gm15737
ENSMUSG00000028078	4.366261631	2.126398581	7.93E-09	7.08E-08	48.2399378	30.5292934	27.9826026	211.313169	145.63608	107.686108	Dclk2
ENSMUSG00000024261	11.15058554	3.479047566	7.94E-09	7.08E-08	8.3895544	5.65357285	1.92983466	57.5561161	40.0499221	79.0461859	Syt4
ENSMUSG00000029560	2.235950381	1.160888173	7.96E-09	7.09E-08	345.020425	300.770076	305.878794	564.872168	697.232735	868.362448	Snx8
ENSMUSG00000026482	2.132942485	1.092845064	7.97E-09	7.10E-08	641.800911	452.285828	443.861972	1097.67736	1002.15828	1181.1104	Rgl1
ENSMUSG00000085146	0.006575536	-7.248675777	8.13E-09	7.24E-08	46.1425492	53.1435848	55.9652052	0	0	1.1455969	Eif2c5
ENSMUSG00000005268	3.000737784	1.585317256	8.38E-09	7.45E-08	100.674653	158.30004	95.5268157	392.20382	267.606298	402.104511	Prlr
ENSMUSG00000030043	82.73358073	6.370401119	8.38E-09	7.45E-08	1.0486943	0	0.96491733	49.3338138	54.6135302	68.7358139	Tacr1
ENSMUSG00000050232	15.77440902	3.979514051	8.81E-09	7.81E-08	2.0973886	2.26142914	4.82458665	40.2892813	70.9975892	35.5135038	Cxcr3

ENSMUSG00000090257	0.244901548	-2.029726201	8.82E-09	7.82E-08	85.9929326	124.378603	137.018261	32.066979	32.7681181	19.4751473	Gm4524
ENSMUSG00000040151	2.043145936	1.030792255	8.99E-09	7.96E-08	382.773419	462.462259	554.827465	1012.98764	877.457385	971.466169	Hs2st1
ENSMUSG00000089661	0.030658982	-5.027546381	9.30E-09	8.22E-08	33.5582176	50.8821557	40.5265279	0	1.82045101	2.2911938	Mia
ENSMUSG00000027947	2.360288913	1.238963464	9.46E-09	8.36E-08	483.448072	465.854403	354.12466	812.363468	996.696926	1268.17577	Il6ra
ENSMUSG00000006398	3.246099263	1.698707117	9.52E-09	8.40E-08	35.6556062	50.8821557	40.5265279	115.934462	132.892923	163.820356	Cdc20
ENSMUSG00000028476	0.459357706	-1.122310065	9.80E-09	8.64E-08	2090.04774	2105.39053	2160.4499	1253.07887	897.482346	766.404325	Reck
ENSMUSG00000026556	2.86078317	1.516410154	1.01E-08	8.90E-08	69.2138238	74.6271616	49.2107838	158.690434	186.596228	206.207442	Vangl2
ENSMUSG00000057068	0.01943104	-5.685493092	1.03E-08	9.05E-08	74.4572953	38.4442954	33.7721066	0	1.82045101	1.1455969	Fam47e
ENSMUSG00000086119	0.470981877	-1.086256547	1.06E-08	9.32E-08	296.780487	342.606515	365.703668	160.334895	141.995178	171.839535	Gm2415
ENSMUSG00000049511	0.49495963	-1.014617234	1.09E-08	9.61E-08	913.412735	1207.60316	1127.98836	619.139363	486.970644	500.625844	Htr1b
ENSMUSG00000037318	16.58543629	4.051845058	1.10E-08	9.68E-08	9.4382487	1.13071457	1.92983466	57.5561161	107.406609	42.3870852	Traf3ip3
ENSMUSG00000044349	3.461270089	1.791301522	1.11E-08	9.73E-08	46.1425492	26.0064351	41.4914452	115.934462	128.341796	151.21879	Snhg11
ENSMUSG00000015709	6.061070412	2.599572603	1.11E-08	9.75E-08	13.6330259	9.04571656	7.71933864	51.8005045	63.7157852	68.7358139	Arnt2
ENSMUSG00000026628	0.403033914	-1.311026852	1.13E-08	9.91E-08	2278.81271	2789.47284	3990.89808	1180.72261	1033.10595	1438.8697	Atf3
ENSMUSG00000104876	10.63012597	3.410086789	1.14E-08	9.96E-08	6.2921658	3.39214371	2.89475199	43.5782022	47.3317262	42.3870852	Trdc
ENSMUSG00000034459	13.63219218	3.768945674	1.15E-08	1.01E-07	140.525036	185.43719	131.228757	602.694759	2903.61935	2725.37502	Ifit1
ENSMUSG00000026459	218.9862623	7.774696558	1.15E-08	1.01E-07	0	1.13071457	0	18.0890651	108.316835	120.287674	Myog
ENSMUSG00000030249	0.457281174	-1.128846568	1.20E-08	1.05E-07	6327.8214	5801.69646	6078.97918	3631.79093	2486.73607	2205.27403	Abcc9
ENSMUSG00000037010	6.481263276	2.696275039	1.23E-08	1.08E-07	52.434715	13.5685748	15.4386773	147.179211	164.750816	216.517814	Apln
ENSMUSG00000029414	8.771799865	3.132872896	1.24E-08	1.08E-07	8.3895544	10.1764311	2.89475199	63.3117277	78.2793933	43.5326821	Kntc1
ENSMUSG00000026587	10.08791159	3.334555632	1.25E-08	1.09E-07	3.1460829	6.78428742	6.75442131	60.845037	34.5885691	73.3182014	Astn1
ENSMUSG00000065599	0.299695553	-1.738430416	1.26E-08	1.10E-07	111.161596	186.567904	135.088426	41.9337417	40.9601476	46.9694728	Mir23b
ENSMUSG00000095028	196.3498606	7.617282763	1.30E-08	1.13E-07	0	0	0	20.5557558	57.3442067	35.5135038	Sirpb1b
ENSMUSG00000054793	2.809437321	1.490281214	1.31E-08	1.14E-07	143.671119	104.02574	76.2284691	329.714322	305.835769	272.652062	Cadm4
ENSMUSG00000037999	0.354392461	-1.496580182	1.32E-08	1.15E-07	406.893388	345.998658	461.230484	197.335255	119.239541	112.268496	Arap2
ENSMUSG00000047415	6.054745538	2.598066329	1.35E-08	1.17E-07	9.4382487	9.04571656	21.2281813	73.1784905	101.945256	67.590217	Gpr68
ENSMUSG00000028327	180.461661	7.495548559	1.37E-08	1.19E-07	0	0	0	34.5336697	46.4215007	22.911938	Stra6l
ENSMUSG00000075270	10.21646979	3.352824867	1.37E-08	1.19E-07	6.2921658	6.78428742	2.89475199	34.5336697	66.4464617	60.7166356	Pde11a
ENSMUSG00000057982	0.448376078	-1.157218785	1.38E-08	1.20E-07	1159.8559	1158.98243	1041.1458	620.783824	510.636507	372.318992	Zfp809
ENSMUSG00000086098	0.15266196	-2.711587475	1.39E-08	1.21E-07	45.0938549	72.3657325	75.2635518	6.57784184	12.743157	10.3103721	Gm14291
ENSMUSG00000055435	2.501798021	1.322965321	1.42E-08	1.23E-07	1771.24467	1693.81043	1767.72855	2835.87206	4658.53412	5599.67764	Maf
ENSMUSG00000022033	4.860372539	2.281066898	1.42E-08	1.23E-07	14.6817202	15.830004	12.5439253	59.2005766	81.9202953	67.590217	Pbk
ENSMUSG00000020737	2.38409849	1.253443836	1.45E-08	1.25E-07	614.53486	556.311569	635.880521	995.720809	1571.04922	1743.59848	Hn1
ENSMUSG00000026070	12.69118459	3.665754831	1.46E-08	1.26E-07	2.0973886	4.52285828	6.75442131	43.5782022	88.2918738	38.9502945	Il18r1
ENSMUSG00000054690	2.38762503	1.255576283	1.47E-08	1.27E-07	936.48401	504.298698	732.372254	1651.86053	1825.91236	1712.66736	Emcn
ENSMUSG00000043613	2.116808087	1.081890478	1.49E-08	1.29E-07	880.903212	973.545245	1049.83006	1724.21679	1836.83507	2590.19459	Mmp3
ENSMUSG00000059108	9.995156749	3.321229192	1.51E-08	1.30E-07	9.4382487	5.65357285	5.78950398	39.4670511	111.957737	57.2798449	Ifitm6
ENSMUSG00000040592	12.73017092	3.670179885	1.52E-08	1.31E-07	5.2434715	1.13071457	4.82458665	37.8225906	64.6260107	42.3870852	Cd79b
ENSMUSG00000026956	2.032197738	1.023040787	1.54E-08	1.33E-07	414.234248	396.880814	467.019988	734.251596	834.676786	1032.1828	Uap1l1
ENSMUSG00000035566	5.901056627	2.560973303	1.57E-08	1.35E-07	55.5807979	23.745006	13.5088426	161.157125	154.738336	231.410573	Pcdh17
ENSMUSG00000024526	0.049105281	-4.34797799	1.59E-08	1.37E-07	2810.50072	587.971577	833.688573	93.7342463	37.3192456	76.7549921	Cidea
ENSMUSG00000002033	15.09583602	3.916078752	1.60E-08	1.37E-07	6.2921658	5.65357285	0.96491733	37.8225906	104.675933	49.2606666	Cd3g
ENSMUSG00000020676	2.177840409	1.122898238	1.67E-08	1.43E-07	371.237782	264.587209	391.756436	653.673033	803.729119	783.588278	Ccl11
ENSMUSG00000022206	0.468595278	-1.093585679	1.77E-08	1.51E-07	386.968197	419.495106	363.773834	215.42432	156.558787	175.276325	Npr3
ENSMUSG00000049115	4.098388998	2.035056924	1.78E-08	1.52E-07	16.7791088	27.1371497	27.9826026	107.71216	77.3691678	109.977302	Agtr1a
ENSMUSG00000000627	5.370478759	2.425050705	1.79E-08	1.53E-07	14.6817202	16.9607186	8.68425597	73.1784905	57.3442067	84.7741704	Sema4f
ENSMUSG00000021506	6.257858317	2.645668995	1.83E-08	1.57E-07	40.8990777	13.5685748	21.2281813	111.001081	118.329315	246.303333	Pitx1
ENSMUSG00000047085	0.155707402	-2.683090564	1.92E-08	1.64E-07	46.1425492	78.0193053	62.7196265	12.3334535	6.37157852	10.3103721	Lrrc4b
ENSMUSG00000041707	8.378734328	3.06673233	1.93E-08	1.65E-07	7.3408601	2.26142914	10.6140906	48.5115836	55.5237557	68.7358139	1810011H11Rik
ENSMUSG00000043631	0.353258811	-1.50120255	1.94E-08	1.65E-07	4104.58949	3887.39669	4416.42662	2197.82141	1138.6921	1044.78437	Ecm2
ENSMUSG00000030787	2.186087419	1.128351094	1.96E-08	1.67E-07	817.981554	495.252982	626.231347	1481.65888	1303.44292	1456.05366	Lyve1
ENSMUSG00000048922	4.554268634	2.187219392	1.97E-08	1.68E-07	12.5843316	22.6142914	18.3334293	65.7784184	87.3816483	90.5021549	Cdca2
ENSMUSG00000027326	7.557379026	2.91788598	2.00E-08	1.70E-07	5.2434715	5.65357285	8.68425597	51.8005045	54.6135302	42.3870852	Knl1
ENSMUSG00000000861	32.05634105	5.002537859	2.01E-08	1.71E-07	3.1460829	1.13071457	0	30.4225185	57.3442067	46.9694728	Bcl11a
ENSMUSG00000039126	2.006335576	1.004562929	2.03E-08	1.72E-07	160.450228	135.685748	146.667434	297.647343	296.733514	294.418403	Prune2
ENSMUSG00000039942	2.503214763	1.323782072	2.04E-08	1.73E-07	156.255451	108.548599	189.123797	347.803387	408.691251	382.629364	Ptger4
ENSMUSG00000063415	0.441337251	-1.180046573	2.10E-08	1.78E-07	294.683098	356.17509	399.475775	131.556837	164.750816	168.402744	Cyp26b1
ENSMUSG00000052974	4.40461128	2.139014703	2.13E-08	1.81E-07	291.537015	118.72503	107.105824	1027.78779	529.751243	720.580449	Cyp2f2
ENSMUSG00000030102	0.488152155	-1.034597194	2.17E-08	1.84E-07	5585.34584	5996.17937	6606.78896	3682.7692	2825.33996	2367.94879	Itpr1
ENSMUSG00000025930	6.067961061	2.601211828	2.18E-08	1.84E-07	11.5356373	11.3071457	7.71933864	76.4674114	48.2419517	59.5710387	Msc
ENSMUSG00000046223	2.880899345	1.526519255	2.24E-08	1.90E-07	130.038093	127.770746	190.088714	300.114034	491.521772	501.771441	Plaur
ENSMUSG00000020953	0.201267253	-2.312815639	2.25E-08	1.90E-07	92.2850984	75.7578762	73.3337171	23.0224464	15.4738336	9.16477518	Coch
ENSMUSG00000000489	2.060443431	1.042954856	2.28E-08	1.93E-07	537.980176	557.442283	715.003742	1047.52131	1257.93165	1428.55933	Pdgfb
ENSMUSG00000036894	2.153024629	1.106364823	2.28E-08	1.93E-07	240.150995	258.933637	288.510282	460.448929	567.980714	670.174185	Rap2b
ENSMUSG00000022408	13.71405687	3.777583505	2.29E-08	1.93E-07	3.1460829	3.39214371	2.89475199	34.5336697	35.4987946	59.5710387	Fam83f
ENSMUSG00000049307	6.708602702	2.746012307	2.31E-08	1.95E-07	7.3408601	7.91500199	6.75442131	48.5115836	47.3317262	51.5518604	Fut4
ENSMUSG00000031871	2.399070117	1.262475323	2.32E-08	1.96E-07	1941.13315	1151.06743	1559.30641	4475.39914	3680.95193	3002.60947	Cdh5
ENSMUSG00000039787	0.496593744	-1.009862008	2.36E-08	1.98E-07	1485.99982	1765.04544	1682.81582	968.587211	652.631686	828.266557	Cercam
ENSMUSG00000048521	11.66423971	3.544020369	2.42E-08	2.04E-07	2.0973886	12.4378603	4.82458665	41.9337417	111.047511	69.8814108	Cxcr6
ENSMUSG00000068794	4.218242193	2.076641931	2.45E-08	2.06E-07	44.0451606	38.4442954	56.9301225	299.291804	154.738336	134.034837	Col28a1
ENSMUSG00000024056	5.664118116	2.501851351	2.46E-08	2.07E-07	16.7791088	11.3071457	8.68425597	70.7117998	83.7407463	52.6974573	Ndc80
ENSMUSG00000105302	15.86441595	3.987722504	2.46E-08	2.07E-07	4.1947772	6.78428742	4.82458665	27.9558278	60.0748832	162.674759	Gm19817
ENSMUSG00000038602	3.449143611	1.786238199	2.55E-08	2.14E-07	34.6069119	26.0064351	23.1580159	97.8453974	95.5736778	95.0845425	Slc35f1
ENSMUSG00000021765	2.416500242	1.272919139	2.58E-08	2.17E-07	391.162974	287.201501	423.598708	750.6962	785.524609	1130.70414	Fst
ENSMUSG00000001249	4.224502609	2.078781489	2.60E-08	2.18E-07	17.8278031	15.830004	15.4386773	67.4228789	70.0873637	69.8814108	Hpn
ENSMUSG00000020099	2.078044483	1.055226537	2.62E-08	2.19E-07	330.338704	352.782946	412.0197	777.829798	621.684019	878.67282	Unc5b
ENSMUSG00000036390	3.169067316	1.664058305	2.63E-08	2.20E-07	100.674653	117.594315	110.000576	208.024248	405.050349	428.45324	Gadd45a

ENSMUSG00000029366	2.501765558	1.3229466	2.64E-08	2.21E-07	127.940705	113.071457	93.596981	222.824392	313.117573	301.291984	Dck
ENSMUSG00000106112	159.1289173	7.314052219	2.71E-08	2.27E-07	0	0	0	28.7780581	25.4863141	37.8046976	Gm43434
ENSMUSG00000096727	3.324102563	1.732964896	2.71E-08	2.27E-07	194.008445	229.535058	153.421856	370.825834	878.36761	667.882991	Psmb9
ENSMUSG00000029061	0.498731193	-1.003665657	2.81E-08	2.34E-07	2151.9207	2728.41426	2468.25853	1294.19038	973.031063	1398.77381	Mmp23
ENSMUSG00000022440	2.239295436	1.163044879	2.88E-08	2.40E-07	730.939927	909.094514	972.636669	1715.99449	1632.03433	2505.42042	C1qtnf6
ENSMUSG00000009378	4.144253279	2.051112177	2.91E-08	2.43E-07	22.0225803	15.830004	20.2632639	93.7342463	67.3566872	80.1917828	Slc16a12
ENSMUSG00000086946	0.108307075	-3.206800607	2.94E-08	2.45E-07	41.947772	37.3135808	51.1406185	5.75561161	2.73067651	5.72798449	Gm15527
ENSMUSG00000014786	2.982901111	1.57671615	3.05E-08	2.53E-07	74.4572953	61.0585868	42.4563625	155.401514	200.249611	174.130728	Slc9a5
ENSMUSG00000046470	2.131352492	1.091769211	3.06E-08	2.54E-07	794.910279	551.78871	554.827465	1157.70016	1457.27103	1438.8697	Sox18
ENSMUSG00000020638	3.747467836	1.905916096	3.10E-08	2.58E-07	130.038093	183.17576	135.088426	281.202739	758.217844	640.388666	Cmpk2
ENSMUSG00000049420	8.614999727	3.106850751	3.13E-08	2.60E-07	5.2434715	7.91500199	4.82458665	55.0894254	63.7157852	34.3679069	Tmem200a
ENSMUSG00000004952	2.04241958	1.030279273	3.15E-08	2.62E-07	763.44945	975.806674	665.792958	1435.61398	1816.8101	1657.67871	Rasa4
ENSMUSG00000047420	2.696288115	1.430974666	3.27E-08	2.71E-07	73.408601	64.4507305	60.7897918	215.42432	167.481493	151.21879	Fam180a
ENSMUSG00000061080	0.369264424	-1.43727382	3.31E-08	2.74E-07	250.637938	193.352192	193.948383	98.6676276	68.2669127	67.590217	Lsamp
ENSMUSG00000041062	0.147178661	-2.764359581	3.34E-08	2.76E-07	42.9964663	50.8821557	47.2809492	7.40007207	5.46135302	8.01917828	Mslnl
ENSMUSG00000017817	0.323296952	-1.629068191	3.39E-08	2.81E-07	8387.45701	12076.0316	11909.9746	2299.77795	5345.75438	2820.45956	Jph2
ENSMUSG00000017724	5.116840556	2.355253279	3.42E-08	2.82E-07	10.486943	29.3985788	14.47376	82.223023	86.4714228	107.686108	Etv4
ENSMUSG00000046916	2.039416835	1.028156677	3.50E-08	2.89E-07	429.964663	292.855074	386.931849	698.073466	811.010923	756.093952	Myct1
ENSMUSG00000032344	2.880376695	1.526257499	3.54E-08	2.92E-07	65.0190466	58.7971577	53.0704532	129.090146	187.506454	193.605876	Mb21d1
ENSMUSG00000030346	6.357559601	2.668473082	3.57E-08	2.95E-07	13.6330259	7.91500199	5.78950398	52.6227347	65.5362362	54.9886511	Rad51ap1
ENSMUSG00000033032	2.412084464	1.270280427	3.58E-08	2.95E-07	431.013357	256.672207	258.597845	790.985482	781.883707	709.12448	Afap1l1
ENSMUSG00000038894	0.499515521	-1.001398589	3.61E-08	2.98E-07	964.798756	1015.38168	1066.23365	538.560801	396.858319	587.691208	Irs2
ENSMUSG00000006273	2.261099543	1.177024507	3.65E-08	3.00E-07	935.435315	823.160207	982.285842	1453.70305	2328.35684	2418.35505	Atp6v1b2
ENSMUSG00000039193	7.46251828	2.89966256	3.65E-08	3.00E-07	5.2434715	7.91500199	6.75442131	38.6448208	58.2544322	51.5518604	Nlrc4
ENSMUSG00000029798	2.180080272	1.124381257	3.69E-08	3.03E-07	179.326725	215.966483	191.053631	394.670511	514.277409	367.736604	Herc6
ENSMUSG00000038578	4.066865248	2.023917189	3.78E-08	3.11E-07	20.973886	21.4835768	22.1930986	64.9561882	94.6634523	104.249318	Susd1
ENSMUSG00000104109	0.006197279	-7.334149359	3.79E-08	3.11E-07	27.2660518	21.4835768	35.7019412	0	0	0	Gm30292
ENSMUSG00000026009	10.26093976	3.359090963	3.83E-08	3.14E-07	6.2921658	4.52285828	5.78950398	32.066979	87.3816483	51.5518604	Icos
ENSMUSG00000028864	6.307120547	2.656981508	3.88E-08	3.17E-07	29.3634404	45.2285828	31.8422719	413.581806	137.444051	117.99648	Hgf
ENSMUSG00000067276	6.872006665	2.780731436	3.92E-08	3.21E-07	57.6781865	44.0978682	68.5091305	781.118719	164.750816	224.536992	Capn6
ENSMUSG00000026073	9.836642273	3.298165937	3.95E-08	3.23E-07	11.5356373	3.39214371	4.82458665	39.4670511	94.6634523	60.7166356	Il1r2
ENSMUSG00000037703	0.480966639	-1.055991268	3.99E-08	3.26E-07	419.47772	477.161549	423.598708	247.491299	211.172317	174.130728	Lzts3
ENSMUSG00000087411	0.252846821	-1.983664456	4.10E-08	3.35E-07	70.2625181	101.764311	94.5618984	23.0224464	17.2942846	27.4943255	Gm16048
ENSMUSG00000048078	2.72106148	1.444169554	4.14E-08	3.38E-07	163.596311	94.9800239	98.4215677	291.069502	311.297122	370.027798	Tenm4
ENSMUSG00000055866	0.304939385	-1.713405597	4.23E-08	3.45E-07	4415.003	4376.9961	2387.20548	1669.9496	968.479935	768.695518	Per2
ENSMUSG00000053559	2.84277882	1.507301856	4.28E-08	3.49E-07	138.427648	87.0650219	103.246154	231.046695	324.040279	381.483767	Smagp
ENSMUSG00000029189	0.31272847	-1.67701753	4.29E-08	3.49E-07	424.721191	629.808016	568.336308	114.290002	252.132464	140.908418	Sel1l3
ENSMUSG00000052270	177.9375367	7.475227076	4.37E-08	3.55E-07	0	1.13071457	0	24.6669069	132.892923	42.3870852	Fpr2
ENSMUSG00000004626	3.038043382	1.603142471	4.37E-08	3.55E-07	191.911057	102.895026	92.6320637	341.225546	417.793506	418.142868	Stxbp2
ENSMUSG00000020908	45.68450737	5.513633093	4.42E-08	3.59E-07	2.0973886	2.26142914	0	17.2668348	55.5237557	121.433271	Myh3
ENSMUSG00000109715	6.238365016	2.641167969	4.42E-08	3.59E-07	14.6817202	10.1764311	5.78950398	50.156044	63.7157852	76.7549921	Gm45606
ENSMUSG00000061411	2.579983532	1.367361857	4.42E-08	3.59E-07	75.5059896	61.0585868	84.9127251	216.246551	163.840591	192.460279	Nol4l
ENSMUSG00000026357	4.70872943	2.235337826	4.51E-08	3.66E-07	26.2173575	11.3071457	19.2983466	68.2451091	100.124805	100.812527	Rgs18
ENSMUSG00000026548	2.795342083	1.483024845	4.53E-08	3.67E-07	130.038093	146.992894	167.895615	279.558278	537.033047	428.45324	Slamf9
ENSMUSG00000005800	120.2928796	6.910407439	4.58E-08	3.71E-07	2.0973886	0	0	28.7780581	184.775777	37.8046976	Mmp8
ENSMUSG00000094796	21.81900444	4.44751337	4.59E-08	3.72E-07	2.0973886	1.13071457	3.85966932	20.5557558	80.0998443	57.2798449	BC147527
ENSMUSG00000021062	6.39755836	2.677521403	4.66E-08	3.78E-07	8.3895544	19.2221477	15.4386773	68.2451091	65.5362362	142.054015	Rab15
ENSMUSG00000097823	0.332839343	-1.587102119	4.70E-08	3.80E-07	95.4311813	100.633597	109.035658	35.3558999	31.8578926	34.3679069	Gm16701
ENSMUSG00000042216	4.313090296	2.10872192	4.72E-08	3.82E-07	50.3373264	26.0064351	20.2632639	161.157125	146.546306	107.686108	Sgsm1
ENSMUSG00000036596	2.619082883	1.389061716	4.76E-08	3.84E-07	155.206756	152.646467	164.035946	519.649506	282.169906	434.181224	Cpz
ENSMUSG00000048120	0.419116852	-1.254575564	4.85E-08	3.92E-07	6392.84045	6709.66026	6526.70082	3603.01287	2805.315	1815.77108	Entpd1
ENSMUSG00000039987	0.394355183	-1.342432492	4.97E-08	4.01E-07	1629.67094	1996.84193	2245.36263	666.828717	1070.42519	577.380836	Phtf2
ENSMUSG00000040488	0.495094473	-1.01422425	4.99E-08	4.02E-07	24245.8122	21895.1569	22809.6808	14260.7611	11037.3944	8835.98887	Ltbp4
ENSMUSG00000111118	219.1771923	7.775953868	5.02E-08	4.05E-07	0	0	0	9.04453253	53.7033047	64.1534263	Gm6545
ENSMUSG00000027875	0.388904375	-1.362512629	5.07E-08	4.08E-07	918.656207	906.833085	1168.51489	397.137201	260.324494	508.645023	Hmgcs2
ENSMUSG00000021200	0.350363765	-1.513074518	5.09E-08	4.09E-07	1618.1353	2130.26625	1952.02776	495.804829	1001.24805	499.480247	Asb2
ENSMUSG00000034738	2.757778304	1.463506484	5.13E-08	4.13E-07	70.2625181	44.0978682	65.6143785	182.535111	161.109914	153.509984	Nostrin
ENSMUSG00000022587	2.321159628	1.214845741	5.27E-08	4.23E-07	5151.1864	4256.00964	3551.86069	7129.55833	11748.2806	11202.7921	Ly6e
ENSMUSG00000069910	8.187065424	3.033346424	5.33E-08	4.28E-07	7.3408601	5.65357285	3.85966932	37.8225906	53.7033047	45.8238759	Spdl1
ENSMUSG00000036019	0.477099703	-1.067637308	5.38E-08	4.31E-07	587.268808	547.265852	679.301801	349.447848	270.336974	244.012139	Tmtc2
ENSMUSG00000074476	5.427228023	2.440215524	5.43E-08	4.35E-07	19.9251917	12.4378603	18.3334293	52.6227347	107.406609	116.850884	Spc24
ENSMUSG00000097471	18.59743053	4.217031403	5.58E-08	4.46E-07	2.0973886	4.52285828	0	37.0003604	40.0499221	41.2414883	5830432E09Rik
ENSMUSG00000058755	35.52024901	5.15056979	5.59E-08	4.47E-07	4.1947772	0	0	27.1335976	70.0873637	51.5518604	Osm
ENSMUSG00000016386	0.236297685	-2.0813226	5.79E-08	4.63E-07	104.86943	94.9800239	121.579584	18.0890651	19.1147356	40.0958914	Mpped2
ENSMUSG00000028480	2.553692381	1.352584748	5.81E-08	4.64E-07	260.076186	304.162219	344.475487	555.005405	736.372432	1032.1828	Glipr2
ENSMUSG00000074151	3.839103431	1.940769429	5.90E-08	4.71E-07	156.255451	217.097197	102.281237	420.159648	935.711817	467.403534	Nlrc5
ENSMUSG00000024986	2.587740338	1.37169286	6.10E-08	4.86E-07	138.427648	83.6728782	140.87793	282.024969	299.464191	360.863023	Hhex
ENSMUSG00000004885	12.03005657	3.588571522	6.11E-08	4.87E-07	9.4382487	6.78428742	11.579008	29.6002883	96.4839033	210.789829	Crabp2
ENSMUSG00000038352	3.41356974	1.771281227	6.16E-08	4.91E-07	44.0451606	50.8821557	30.8773546	106.0677	171.122395	151.21879	Arl5c
ENSMUSG00000111761	0.309097054	-1.693868191	6.18E-08	4.92E-07	176.180642	179.783617	164.035946	71.53403	32.7681181	56.134248	9230112J17Rik
ENSMUSG00000100303	8.581476053	3.101225819	6.28E-08	5.00E-07	4.1947772	5.65357285	9.6491733	81.4007928	45.5112752	41.2414883	2600014E21Rik
ENSMUSG00000025498	9.824384506	3.296367026	6.41E-08	5.10E-07	157.304145	162.822898	88.7723944	496.627059	1931.49852	1587.7973	Irf7
ENSMUSG00000025650	2.902547464	1.537319659	6.47E-08	5.14E-07	81.7981554	84.8035928	62.7196265	157.868204	265.785847	241.720945	Col7a1
ENSMUSG00000003974	0.060381821	-4.049741927	6.57E-08	5.22E-07	46.1425492	27.1371497	36.6668586	2.46669069	0.9102255	3.43679069	Grm3
ENSMUSG00000042379	3.391515413	1.761930049	6.64E-08	5.26E-07	48.2399378	61.0585868	80.0881384	232.691155	268.516523	140.908418	Esm1
ENSMUSG00000074415	0.470772911	-1.086896787	6.81E-08	5.39E-07	2645.85572	3748.3188	3017.29649	1830.28449	1342.58262	1255.5742	2610203C20Rik
ENSMUSG00000026104	2.662940685	1.413020294	7.01E-08	5.55E-07	610.340082	758.709477	573.160894	1114.12196	2336.54887	1720.68654	Stat1

ENSMUSG00000027359	0.082379285	-3.601574578	7.07E-08	5.59E-07	222.323192	47.490012	53.0704532	9.86676276	11.8329315	4.58238759	Slc27a2
ENSMUSG00000025648	2.317108027	1.212325307	7.10E-08	5.61E-07	179.326725	192.221477	171.755285	365.892452	538.853498	352.843844	Pfkfb4
ENSMUSG00000028161	2.458029307	1.297502117	7.21E-08	5.69E-07	2216.93975	1901.86191	2123.78304	3241.23157	5633.38564	6472.62247	Ppp3ca
ENSMUSG00000032369	2.326456559	1.218134248	7.23E-08	5.71E-07	127.940705	88.1957365	106.140906	252.424681	273.977876	223.391395	Plscr1
ENSMUSG00000022061	0.127599274	-2.970307973	7.24E-08	5.72E-07	48.2399378	66.7121596	53.0704532	2.46669069	8.19202953	11.455969	Nkx3-1
ENSMUSG00000026011	152.8580873	7.256049073	7.26E-08	5.73E-07	0	0	0	18.9112953	41.8703731	27.4943255	Ctla4
ENSMUSG00000039264	7.222221984	2.852442764	7.31E-08	5.76E-07	27.2660518	35.0521517	4.82458665	135.667988	219.364346	126.015659	Gimap3
ENSMUSG00000044033	0.436724358	-1.195205095	7.46E-08	5.87E-07	848.393689	1052.69526	1164.65522	570.62778	416.88328	349.407054	Ccdc141
ENSMUSG00000029223	0.480694368	-1.056808193	7.53E-08	5.92E-07	695.284321	898.918083	981.320925	379.048136	485.150193	373.464589	Uchl1
ENSMUSG00000027863	7.899942493	2.981842151	7.62E-08	5.99E-07	15.7304145	5.65357285	4.82458665	55.0894254	96.4839033	54.9886511	Cd2
ENSMUSG00000022309	2.332656035	1.221973588	7.67E-08	6.02E-07	218.128414	222.75077	171.755285	602.694759	407.781025	415.851674	Angpt1
ENSMUSG00000056758	73.48129633	6.199305173	7.85E-08	6.16E-07	0	0	1.92983466	34.5336697	43.6908241	74.4637983	Hmga2
ENSMUSG00000031609	4.951977049	2.308004628	7.86E-08	6.16E-07	39.8503834	16.9607186	27.9826026	85.511944	199.339385	136.326031	Sap30
ENSMUSG00000020654	0.405099064	-1.303653345	7.89E-08	6.19E-07	679.553906	598.148008	674.477214	365.070222	212.082542	211.935426	Adcy3
ENSMUSG00000090084	2.29537143	1.198727625	8.08E-08	6.33E-07	560.002756	429.671537	573.160894	1524.41485	916.597082	1146.74249	Srpx
ENSMUSG00000043342	3.382119426	1.757927604	8.18E-08	6.40E-07	97.5285699	52.0128702	47.2809492	176.7795	257.593817	231.410573	Hoxd9
ENSMUSG00000021194	27.58033934	4.785568302	8.41E-08	6.57E-07	2.0973886	2.26142914	0	29.6002883	35.4987946	51.5518604	Chga
ENSMUSG00000031312	9.775881769	3.289226837	8.47E-08	6.60E-07	35.6556062	18.0914331	19.2983466	60.845037	481.509291	171.839535	Itgb1bp2
ENSMUSG00000021732	4.111697207	2.039734026	8.54E-08	6.66E-07	36.7043005	24.8757205	14.47376	97.8453974	98.3043543	115.705287	Fgf10
ENSMUSG00000000386	34.7419018	5.118604825	8.63E-08	6.72E-07	13.6330259	15.830004	0.96491733	161.157125	469.67636	420.434061	Mx1
ENSMUSG00000045733	2.606363223	1.382038152	8.63E-08	6.72E-07	95.4311813	92.7185948	98.4215677	324.780941	220.274572	200.479457	Sprn
ENSMUSG00000066684	11.79238061	3.559783089	8.68E-08	6.75E-07	3.1460829	3.39214371	2.89475199	33.7114394	42.7805986	34.3679069	Pilrb1
ENSMUSG00000057135	19.86588881	4.312221436	8.75E-08	6.80E-07	0	9.04571656	1.92983466	30.4225185	104.675933	77.900589	Scimp
ENSMUSG00000062082	33.80201752	5.079037453	8.91E-08	6.92E-07	2.0973886	1.13071457	0.96491733	21.377986	81.0100698	38.9502945	Cd200r4
ENSMUSG00000024640	2.236867259	1.161479646	9.06E-08	7.04E-07	187.71628	177.522188	154.386773	406.181734	304.015318	452.510775	Psat1
ENSMUSG00000049690	5.759572451	2.52596172	9.32E-08	7.23E-07	9.4382487	6.78428742	11.579008	58.3783464	44.6010496	58.4254418	Nckap5
ENSMUSG00000104621	0.46176468	-1.114770268	9.33E-08	7.23E-07	423.672497	505.429413	349.300074	179.24619	188.416679	223.391395	Gm43185
ENSMUSG00000021373	0.397197351	-1.332072092	9.54E-08	7.39E-07	2091.09643	2434.42847	2210.6256	739.184977	1283.41796	651.844635	Cap2
ENSMUSG00000005514	0.474694138	-1.074929861	9.67E-08	7.49E-07	3765.86123	2545.2385	2611.0663	1639.52708	1216.9715	1378.15307	Por
ENSMUSG00000090200	17.18298612	4.10290887	9.68E-08	7.49E-07	4.1947772	2.26142914	6.75442131	19.7335255	70.9975892	139.762822	1700025N21Rik
ENSMUSG00000021485	5.491485495	2.457196464	9.73E-08	7.53E-07	8.3895544	7.91500199	14.47376	50.156044	60.9851087	59.5710387	Mxd3
ENSMUSG00000053626	5.004352768	2.323183492	9.88E-08	7.64E-07	59.7755751	37.3135808	75.2635518	457.982238	272.157425	132.88924	Tll1
ENSMUSG00000025584	2.433795286	1.283207824	9.96E-08	7.69E-07	309.364818	183.17576	220.966069	677.51771	479.68884	579.67203	Pde8a
ENSMUSG00000050737	2.80258622	1.486758758	1.00E-07	7.72E-07	153.109368	84.8035928	124.474336	284.49166	303.105093	430.744434	Ptges
ENSMUSG00000052516	9.617790668	3.265705526	1.01E-07	7.76E-07	4.1947772	7.91500199	5.78950398	58.3783464	83.7407463	28.6399224	Robo2
ENSMUSG00000025491	3.914810755	1.968942568	1.02E-07	7.84E-07	18.8764974	38.4442954	34.7370239	92.0897858	150.187208	117.99648	Ifitm1
ENSMUSG00000051076	0.007198817	-7.118024476	1.02E-07	7.86E-07	36.7043005	23.745006	81.0530558	0	0.9102255	0	Vtcn1
ENSMUSG00000090019	2.491417451	1.316966774	1.03E-07	7.91E-07	196.105834	116.463601	121.579584	337.936625	397.768545	345.970263	Gimap1
ENSMUSG00000033610	0.259899484	-1.943974325	1.04E-07	7.99E-07	525.395844	225.012199	219.036234	99.4898579	76.4589423	75.6093952	Pank1
ENSMUSG00000054580	2.5064201	1.325628244	1.04E-07	8.03E-07	141.57373	149.254323	156.316608	495.804829	336.783436	286.399224	Pla2r1
ENSMUSG00000025352	2.660092697	1.411476521	1.05E-07	8.05E-07	98.5772642	99.5028822	77.1933864	180.06842	259.414268	293.272806	Gdf11
ENSMUSG00000062044	0.311514249	-1.682629942	1.06E-07	8.11E-07	120.599844	104.02574	93.596981	40.2892813	26.3965396	32.0767131	Lmtk3
ENSMUSG00000028664	2.156684414	1.108815084	1.08E-07	8.28E-07	181.424114	161.692184	173.685119	430.848641	296.733514	387.211751	Ephb2
ENSMUSG00000059406	0.108201725	-3.208204602	1.11E-07	8.49E-07	47.1912435	38.4442954	39.5616105	2.46669069	3.64090201	8.01917828	Tmprss9
ENSMUSG00000058952	110.3462362	6.785893612	1.12E-07	8.56E-07	0	0	0.96491733	49.3338138	40.0499221	34.3679069	Cfi
ENSMUSG00000097908	0.478325348	-1.063935849	1.12E-07	8.61E-07	228.615357	262.32578	235.439829	126.623455	104.675933	115.705287	4933404O12Rik
ENSMUSG00000095794	158.9871082	7.312765977	1.13E-07	8.67E-07	0	0	0	21.377986	51.8828537	18.3295504	Igkv6-17
ENSMUSG00000034949	0.470795117	-1.086828738	1.16E-07	8.84E-07	410.039471	508.821557	367.633503	227.757774	176.583748	200.479457	Zfr2
ENSMUSG00000061232	2.338571509	1.225627544	1.16E-07	8.87E-07	7428.95042	8207.85707	6514.1569	12174.763	23308.1445	16317.8822	H2-K1
ENSMUSG00000037661	2.51360708	1.32975915	1.20E-07	9.13E-07	59.7755751	54.2742994	51.1406185	129.912376	135.6236	150.073194	Gpr160
ENSMUSG00000023150	2.096667855	1.068098334	1.22E-07	9.29E-07	1310.86787	887.610938	887.723944	2394.33443	2241.88541	1832.95504	Ivns1abp
ENSMUSG00000043085	0.18351274	-2.446047873	1.22E-07	9.29E-07	77.6033782	134.555034	166.930698	23.8446767	10.922706	35.5135038	Tmem82
ENSMUSG00000082419	20.20811192	4.336862629	1.24E-07	9.45E-07	2.0973886	1.13071457	5.78950398	18.9112953	63.7157852	104.249318	Gm11425
ENSMUSG00000045903	0.386809086	-1.37030641	1.25E-07	9.56E-07	284.196155	517.867273	357.98433	166.090507	136.533825	145.490806	Npas4
ENSMUSG00000032596	2.436470981	1.28479304	1.28E-07	9.77E-07	438.354217	483.945836	310.70338	866.630663	1304.35315	830.557751	Uba7
ENSMUSG00000073888	0.485142881	-1.043518393	1.28E-07	9.78E-07	230.712746	260.064351	234.474911	115.112232	128.341796	107.686108	Ccl27a
ENSMUSG00000000359	2.521026787	1.334011448	1.29E-07	9.79E-07	118.502456	97.241453	82.9828904	257.358062	199.339385	296.709596	Rem1
ENSMUSG00000014776	2.399730597	1.262872452	1.32E-07	1.00E-06	151.011979	120.986459	114.825162	239.268997	358.628848	331.077503	Nol3
ENSMUSG00000033446	2.060719449	1.043148107	1.33E-07	1.01E-06	312.510901	208.051481	228.685407	527.871808	513.367184	502.917038	Lpar6
ENSMUSG00000026970	2.12792808	1.089449391	1.36E-07	1.03E-06	1931.6949	2089.56053	2004.1333	3205.05344	4032.29898	5587.07607	Rbms1
ENSMUSG00000060843	0.336836588	-1.569879241	1.38E-07	1.05E-06	316.705679	361.828662	347.370239	155.401514	122.880443	65.2990232	Ctnna3
ENSMUSG00000075010	3.47788609	1.798210681	1.44E-07	1.09E-06	163.596311	133.424319	115.79008	259.002523	703.604314	473.131519	AW112010
ENSMUSG00000015854	10.07262858	3.332368316	1.44E-07	1.09E-06	6.2921658	4.52285828	1.92983466	37.0003604	35.4987946	54.9886511	Cd5l
ENSMUSG00000031070	0.492499048	-1.021807159	1.45E-07	1.10E-06	675.359129	649.030163	592.459241	388.092669	261.234719	293.272806	Mrgprf
ENSMUSG00000039701	0.440477046	-1.182861254	1.48E-07	1.12E-06	905.023181	751.925189	840.442995	480.182455	344.975466	272.652062	Usp53
ENSMUSG00000030214	4.459931519	2.157021558	1.49E-07	1.13E-06	295.731793	96.1107385	102.281237	587.072384	1018.54234	598.001581	Plbd1
ENSMUSG00000028458	0.490093035	-1.02887245	1.50E-07	1.13E-06	561.05145	571.010858	648.424446	315.736408	330.411858	224.536992	Tesk1
ENSMUSG00000003355	2.8366223	1.504174067	1.50E-07	1.14E-06	44.0451606	59.9278722	65.6143785	147.179211	138.354276	197.042666	Fkbp11
ENSMUSG00000060509	27.75803306	4.794833437	1.52E-07	1.15E-06	4.1947772	0	0.96491733	27.1335976	82.8305208	34.3679069	Xcr1
ENSMUSG00000020808	4.646918384	2.216274306	1.52E-07	1.15E-06	12.5843316	26.0064351	13.5088426	62.4894975	85.5611973	92.7933487	Pimreg
ENSMUSG00000110235	12.19107049	3.607752908	1.52E-07	1.15E-06	4.1947772	4.52285828	0.96491733	35.3558999	33.6783436	46.9694728	Gm5086
ENSMUSG00000030427	10.42090469	3.381408625	1.53E-07	1.16E-06	3.1460829	9.04571656	4.82458665	29.6002883	90.1123248	56.134248	Lilra6
ENSMUSG00000028463	0.271575794	-1.880573198	1.62E-07	1.22E-06	108.015513	162.822898	90.7022291	38.6448208	34.5885691	24.0575349	Car9
ENSMUSG00000031897	2.280519557	1.189362542	1.62E-07	1.22E-06	501.275875	500.906555	445.791807	755.629582	1339.85194	1207.45913	Psmb10
ENSMUSG00000028766	0.499255348	-1.002150212	1.64E-07	1.23E-06	288.390932	282.678643	247.983754	148.001441	133.803149	126.015659	Alpl
ENSMUSG00000016283	53.87883114	5.751646648	1.65E-07	1.24E-06	0	2.26142914	0.96491733	19.7335255	114.688413	35.5135038	H2-M2
ENSMUSG00000019796	3.182530379	1.670174286	1.69E-07	1.27E-06	32.5095233	28.2678643	25.0878506	88.8008649	83.7407463	100.812527	Lrp11

ENSMUSG00000042351	21.31270595	4.41364187	1.70E-07	1.28E-06	1.0486943	5.65357285	0	46.0448929	62.8055597	27.4943255	Grap2
ENSMUSG00000018899	2.120437551	1.084361995	1.75E-07	1.32E-06	662.774797	776.80091	618.512009	1091.92175	1772.20905	1499.58634	Irf1
ENSMUSG00000030110	2.444463698	1.289517981	1.76E-07	1.32E-06	132.135482	123.247888	158.246442	246.669069	374.102682	392.939736	Ret
ENSMUSG00000017146	5.23457332	2.388071945	1.77E-07	1.33E-06	16.7791088	10.1764311	8.68425597	66.6006487	70.9975892	48.1150697	Brca1
ENSMUSG00000032878	0.308063633	-1.698699712	1.77E-07	1.33E-06	214.982331	133.424319	151.492021	65.7784184	36.4090201	51.5518604	Ccdc85a
ENSMUSG00000057729	4.751209922	2.24829495	1.78E-07	1.33E-06	17.8278031	9.04571656	12.5439253	69.0673393	54.6135302	64.1534263	Prtn3
ENSMUSG00000074472	0.175327366	-2.511876901	1.78E-07	1.33E-06	62.921658	64.4507305	38.5966932	9.04453253	11.8329315	8.01917828	Zfp872
ENSMUSG00000026012	22.85343696	4.514339245	1.80E-07	1.34E-06	1.0486943	1.13071457	2.89475199	28.7780581	61.8953342	27.4943255	Cd28
ENSMUSG00000045362	3.107371653	1.635694803	1.80E-07	1.34E-06	44.0451606	40.7057245	34.7370239	99.4898579	155.648561	115.705287	Tnfrsf26
ENSMUSG00000054556	0.331774812	-1.591723734	1.81E-07	1.35E-06	99.6259585	153.777182	113.860245	41.9337417	36.4090201	43.5326821	Gm4876
ENSMUSG00000055632	2.470180596	1.304616521	1.83E-07	1.37E-06	1188.17064	838.990211	697.63523	2935.36192	1917.84513	1875.34212	Hmcn2
ENSMUSG00000047976	3.027435495	1.598096221	1.84E-07	1.37E-06	42.9964663	45.2285828	27.0176853	119.223383	110.137286	117.99648	Kcna1
ENSMUSG00000062585	11.12099914	3.475214504	1.84E-07	1.37E-06	5.2434715	1.13071457	3.85966932	35.3558999	45.5112752	34.3679069	Cnr2
ENSMUSG00000004359	20.5053653	4.35792954	1.86E-07	1.39E-06	0	3.39214371	1.92983466	27.9558278	41.8703731	37.8046976	Spic
ENSMUSG00000057182	3.776798928	1.917163979	1.87E-07	1.40E-06	52.434715	45.2285828	34.7370239	247.491299	124.700894	126.015659	Scn3a
ENSMUSG00000030413	3.377623753	1.75600863	1.89E-07	1.40E-06	37.7529948	42.9671537	30.8773546	102.778779	167.481493	105.394915	Pglyrp1
ENSMUSG00000031780	101.8125777	6.669771989	1.89E-07	1.41E-06	0	1.13071457	0	33.7114394	41.8703731	38.9502945	Ccl17
ENSMUSG00000042680	0.312086812	-1.6799807	1.95E-07	1.45E-06	227.566663	252.149349	311.668298	106.0677	94.6634523	44.678279	Garem1
ENSMUSG00000097233	0.385661568	-1.374592711	1.97E-07	1.47E-06	227.566663	347.129373	265.352266	129.090146	111.957737	81.3373797	Gm17552
ENSMUSG00000023868	3.114506051	1.639003375	2.01E-07	1.50E-06	33.5582176	61.0585868	36.6668586	152.112593	127.43157	127.161256	Pde10a
ENSMUSG00000069372	27.58928042	4.786035924	2.02E-07	1.50E-06	4.1947772	0	2.89475199	23.0224464	140.174727	35.5135038	Ctxn3
ENSMUSG00000052229	0.272232864	-1.877086857	2.04E-07	1.51E-06	296.780487	387.835098	283.685695	143.06806	67.3566872	51.5518604	Gpr17
ENSMUSG00000025001	2.865965716	1.519021352	2.07E-07	1.54E-06	38.8016891	37.3135808	36.6668586	93.7342463	121.970217	107.686108	Hells
ENSMUSG00000066278	0.45627727	-1.132017307	2.08E-07	1.54E-06	322.997844	330.168655	343.51057	182.535111	155.648561	114.55969	Vps37b
ENSMUSG00000032436	2.236735193	1.161394466	2.10E-07	1.56E-06	219.177109	251.018635	235.439829	395.492741	526.110341	658.718216	Cmtm7
ENSMUSG00000026180	124.6237877	6.96143566	2.12E-07	1.57E-06	0	1.13071457	0	22.2002162	80.0998443	37.8046976	Cxcr2
ENSMUSG00000035273	2.569621729	1.361555998	2.13E-07	1.58E-06	109.064207	76.8885908	77.1933864	191.579644	274.888102	209.644232	Hpse
ENSMUSG00000074794	0.490319675	-1.02820544	2.18E-07	1.61E-06	3918.9706	4191.55891	2554.13617	1809.72874	1701.21147	1717.24975	Arrdc3
ENSMUSG00000024186	0.377539515	-1.405300444	2.19E-07	1.61E-06	191.911057	297.377932	210.351978	100.312088	93.7532268	68.7358139	Rgs11
ENSMUSG00000040594	0.393627933	-1.345095494	2.19E-07	1.62E-06	154.158062	156.038611	189.123797	78.9341021	62.8055597	53.8430542	Ranbp17
ENSMUSG00000022330	5.385068505	2.428964698	2.23E-07	1.64E-06	16.7791088	6.78428742	11.579008	55.9116557	54.6135302	80.1917828	Osr2
ENSMUSG00000035914	2.301685978	1.202691018	2.25E-07	1.66E-06	224.42058	293.985788	271.14177	559.938787	474.227487	784.733875	Cd276
ENSMUSG00000020077	2.120047173	1.084096366	2.30E-07	1.69E-06	747.719036	592.494435	622.371678	1137.14441	1784.04199	1239.53584	Srgn
ENSMUSG00000085419	0.350368538	-1.513054865	2.38E-07	1.75E-06	109.064207	127.770746	106.140906	42.755972	31.8578926	45.8238759	Gm11734
ENSMUSG00000027641	2.008084074	1.005819673	2.43E-07	1.79E-06	127.940705	117.594315	127.369088	273.802667	243.030209	231.410573	Rbl1
ENSMUSG00000054065	15.04049499	3.910780142	2.45E-07	1.80E-06	3.1460829	1.13071457	2.89475199	27.1335976	50.0624027	32.0767131	Pkp3
ENSMUSG00000042807	3.011429762	1.59044861	2.46E-07	1.80E-06	70.2625181	49.7514411	57.8950398	237.624537	162.02014	135.180434	Hecw2
ENSMUSG00000073555	4.365351572	2.126097849	2.46E-07	1.81E-06	54.5321036	98.3721676	36.6668586	155.401514	354.987946	315.039147	Gm4951
ENSMUSG00000045404	4.274347439	2.095704182	2.48E-07	1.82E-06	13.6330259	20.3528623	18.3334293	64.9561882	61.8953342	97.3757363	Kcnk13
ENSMUSG00000094088	152.9701487	7.257106336	2.51E-07	1.84E-06	0	0	0	17.2668348	53.7033047	17.1839535	Ighv1-64
ENSMUSG00000044229	3.052799331	1.61013276	2.55E-07	1.87E-06	113.258984	72.3657325	90.7022291	351.914539	313.117573	177.567519	Nxpe4
ENSMUSG00000036218	0.02885785	-5.114892386	2.59E-07	1.89E-06	36.7043005	29.3985788	30.8773546	0.82223023	1.82045101	0	Pdzrn4
ENSMUSG00000098708	0.163745062	-2.610476697	2.62E-07	1.91E-06	151.011979	96.1107385	46.3160319	21.377986	13.6533825	12.6015659	Gm27252
ENSMUSG00000023277	2.058901981	1.041875148	2.63E-07	1.92E-06	368.091699	378.789381	353.159743	573.094471	906.584601	785.879472	Twf2
ENSMUSG00000099906	155.0535434	7.276622686	2.65E-07	1.93E-06	0	0	0	9.86676276	40.9601476	38.9502945	Gm28653
ENSMUSG00000024736	0.482107794	-1.052572343	2.65E-07	1.94E-06	487.642849	517.867273	569.301225	311.625257	243.940435	201.625054	Tmem132a
ENSMUSG00000043557	0.412734025	-1.276715718	2.67E-07	1.95E-06	356.556062	427.410108	469.91474	151.290362	230.287052	135.180434	Mdga1
ENSMUSG00000025422	2.39156021	1.257952113	2.72E-07	1.98E-06	119.55115	87.0650219	76.2284691	244.202378	224.825699	206.207442	Agap2
ENSMUSG00000037375	3.322168376	1.732125195	2.73E-07	1.99E-06	27.2660518	33.9214371	32.8071892	94.5564765	84.6509718	134.034837	Hhat
ENSMUSG00000062248	3.553589977	1.829277229	2.75E-07	2.00E-06	35.6556062	27.1371497	33.7721066	76.4674114	137.444051	130.598046	Cks2
ENSMUSG00000049044	2.10929093	1.076758097	2.76E-07	2.01E-06	99.6259585	102.895026	84.9127251	197.335255	207.531415	200.479457	Rapgef4
ENSMUSG00000079669	0.440999466	-1.181151184	2.78E-07	2.03E-06	163.596311	210.31291	189.123797	74.822951	84.6509718	89.356558	Gm17396
ENSMUSG00000020140	15.46503929	3.950938594	2.81E-07	2.04E-06	1.0486943	6.78428742	1.92983466	74.822951	24.5760886	48.1150697	Lgr5
ENSMUSG00000060441	2.179822662	1.124210771	2.86E-07	2.08E-06	136.330259	148.123609	142.807765	242.557918	344.06524	345.970263	Trim5
ENSMUSG00000104524	5.936351624	2.569576549	2.87E-07	2.08E-06	19.9251917	22.6142914	34.7370239	61.6672673	152.007659	247.44893	Gm37333
ENSMUSG00000001020	2.427126556	1.279249336	2.97E-07	2.16E-06	597.755751	748.533046	831.758739	1149.47786	2006.13701	2133.10142	S100a4
ENSMUSG00000039774	4.979311276	2.315946207	3.02E-07	2.19E-06	9.4382487	10.1764311	11.579008	49.3338138	59.1646577	46.9694728	GalNt12
ENSMUSG00000022021	3.721672378	1.895951059	3.06E-07	2.22E-06	15.7304145	27.1371497	27.0176853	72.3562603	86.4714228	101.958124	Diaph3
ENSMUSG00000029657	0.484518259	-1.045377059	3.12E-07	2.26E-06	2213.79367	3232.71296	3468.8778	1211.14513	1543.74245	1566.03096	Hsph1
ENSMUSG00000050578	86.98486023	6.442692416	3.14E-07	2.28E-06	1.0486943	1.13071457	2.89475199	16.4446046	223.005248	207.353038	Mmp13
ENSMUSG00000073411	2.082398857	1.058246425	3.16E-07	2.28E-06	9449.78434	9563.58384	8689.08056	14338.873	25260.5782	18087.8294	H2-D1
ENSMUSG00000079428	182.7342826	7.513603511	3.26E-07	2.35E-06	1.0486943	0	0	5.75561161	126.521345	73.3182014	Tceal7
ENSMUSG00000046879	2.517095599	1.331760011	3.27E-07	2.36E-06	396.406445	563.095856	427.458377	784.40764	1541.01178	1165.07204	Irgm1
ENSMUSG00000066357	0.494681517	-1.0154281	3.27E-07	2.36E-06	1288.84529	1412.2625	1415.53372	878.964116	573.442067	581.963224	Wdr6
ENSMUSG00000023905	0.410902601	-1.283131633	3.28E-07	2.36E-06	1248.99491	1809.14331	2196.15184	559.116557	689.950931	911.895131	Tnfrsf12a
ENSMUSG00000085786	22.03505307	4.461728466	3.34E-07	2.41E-06	2.0973886	3.39214371	0	22.2002162	40.0499221	54.9886511	Gm15987
ENSMUSG00000051000	0.285037036	-1.810778708	3.36E-07	2.41E-06	482.399378	390.096527	476.669161	78.9341021	214.813219	90.5021549	Fam160a1
ENSMUSG00000034664	2.355281025	1.235899208	3.44E-07	2.47E-06	88.0903212	80.2807345	90.7022291	171.023888	193.878032	247.44893	Itga2b
ENSMUSG00000019906	4.646802335	2.216238277	3.45E-07	2.48E-06	19.9251917	9.04571656	13.5088426	77.2896417	56.4339812	64.1534263	Lin7a
ENSMUSG00000021815	9.090568963	3.184370593	3.46E-07	2.48E-06	15.7304145	31.660008	28.9475199	60.0228068	486.970644	146.636403	Mss51
ENSMUSG00000062488	3.027555123	1.598153227	3.53E-07	2.53E-06	177.229337	171.868615	129.298922	287.780581	683.579353	476.568309	Ifit3b
ENSMUSG00000026921	2.07599955	1.053806131	3.60E-07	2.58E-06	2518.96371	1554.73253	1949.13301	3531.47884	4173.38393	4801.1966	Egfl7
ENSMUSG00000022987	0.444587813	-1.169459694	3.61E-07	2.59E-06	274.757907	306.423649	262.457514	134.845758	145.63608	92.7933487	Zfp641
ENSMUSG00000026153	0.479016865	-1.061851645	3.64E-07	2.61E-06	1490.1946	1477.84394	1314.2174	876.497426	659.91349	512.081813	Fam135a
ENSMUSG00000064109	12.85091228	3.683798875	3.65E-07	2.61E-06	6.2921658	2.26142914	0.96491733	34.5336697	54.6135302	32.0767131	Hcst
ENSMUSG00000075602	2.030995107	1.022186764	3.71E-07	2.65E-06	3965.11315	3656.73092	3278.78909	5430.00844	9086.7812	7622.80176	Ly6a
ENSMUSG00000103469	0.238689044	-2.066795746	3.75E-07	2.68E-06	243.297078	245.365062	101.31632	62.4894975	46.4215007	30.9311162	Gm9910

ENSMUSG00000025938	9.764215091	3.287504076	3.84E-07	2.74E-06	13.6330259	12.4378603	5.78950398	40.2892813	203.890513	65.2990232	Slco5a1
ENSMUSG00000021098	0.273549543	-1.870125947	3.85E-07	2.75E-06	66.0677409	99.5028822	82.0179731	26.3113674	17.2942846	24.0575349	4930447C04Rik
ENSMUSG00000014704	0.465724954	-1.10244991	3.88E-07	2.76E-06	186.667585	230.665772	211.316895	94.5564765	108.316835	89.356558	Hoxa2
ENSMUSG00000028289	0.310444642	-1.68759206	3.88E-07	2.77E-06	120.599844	130.032176	88.7723944	41.9337417	25.4863141	37.8046976	Epha7
ENSMUSG00000041132	2.041826752	1.02986046	3.93E-07	2.80E-06	173.034559	139.077892	144.7376	280.380509	296.733514	357.426232	N4bp2l1
ENSMUSG00000042182	3.452613635	1.787688898	4.13E-07	2.94E-06	29.3634404	18.0914331	23.1580159	76.4674114	91.0225503	76.7549921	Bend6
ENSMUSG00000065420	58.492443	5.870178341	4.13E-07	2.94E-06	0	2.26142914	0	26.3113674	53.7033047	43.5326821	Mir142b
ENSMUSG00000022322	12.55570441	3.650271064	4.26E-07	3.02E-06	0	9.04571656	4.82458665	63.3117277	76.4589423	32.0767131	Shcbp1
ENSMUSG00000022053	2.056624608	1.040278485	4.32E-07	3.07E-06	449.889855	342.606515	292.369951	846.897137	678.118	704.542092	Ebf2
ENSMUSG00000021175	4.711090878	2.236061162	4.36E-07	3.09E-06	13.6330259	22.6142914	9.6491733	82.223023	76.4589423	54.9886511	Cdca7l
ENSMUSG00000050370	4.704249513	2.233964583	4.39E-07	3.11E-06	20.973886	11.3071457	32.8071892	83.8674835	84.6509718	140.908418	Ch25h
ENSMUSG00000102153	5.411362615	2.435991919	4.40E-07	3.11E-06	39.8503834	28.2678643	31.8422719	65.7784184	199.339385	277.234449	Gm37474
ENSMUSG00000032484	113.1471211	6.822056067	4.42E-07	3.13E-06	7.3408601	0	1.92983466	240.913457	724.5395	87.0653642	Ngp
ENSMUSG00000041498	5.098006649	2.349933255	4.47E-07	3.16E-06	10.486943	9.04571656	8.68425597	46.8671231	45.5112752	51.5518604	Kif14
ENSMUSG00000029602	6.868999043	2.780099884	4.48E-07	3.17E-06	9.4382487	7.91500199	2.89475199	48.5115836	40.9601476	48.1150697	Rasal1
ENSMUSG00000051262	4.365077808	2.12600737	4.58E-07	3.24E-06	17.8278031	18.0914331	11.579008	87.9786346	58.2544322	59.5710387	Nat8f3
ENSMUSG00000030693	0.372499767	-1.424688571	4.60E-07	3.25E-06	358.653451	256.672207	247.018837	82.223023	143.815629	95.0845425	Klk10
ENSMUSG00000035042	10.61963524	3.408662308	4.64E-07	3.27E-06	5.2434715	36.1828662	3.85966932	92.912016	233.927954	148.927597	Ccl5
ENSMUSG00000037321	3.581908255	1.840728385	4.71E-07	3.32E-06	283.147461	576.664431	275.001439	772.896417	1990.66318	1299.10688	Tap1
ENSMUSG00000027360	4.053318697	2.019103613	4.73E-07	3.33E-06	57.6781865	54.2742994	103.246154	158.690434	439.638918	276.088852	Hdc
ENSMUSG00000055676	0.228736803	-2.128239588	4.73E-07	3.33E-06	48.2399378	100.633597	86.8425597	17.2668348	17.2942846	19.4751473	Gm5069
ENSMUSG00000070354	15.58672877	3.962246272	4.74E-07	3.34E-06	1.0486943	2.26142914	3.85966932	21.377986	51.8828537	40.0958914	Evi2
ENSMUSG00000079339	12.7688958	3.674561867	4.82E-07	3.39E-06	2.0973886	6.78428742	3.85966932	21.377986	87.3816483	52.6974573	Ifit1bl1
ENSMUSG00000075122	4.222495066	2.078095737	4.97E-07	3.50E-06	16.7791088	14.6992894	18.3334293	50.156044	75.5487168	85.9197673	Cd80
ENSMUSG00000036459	0.491259645	-1.025442362	4.98E-07	3.50E-06	2435.06816	3482.60088	2976.76996	1188.12268	1387.18367	1796.29594	Wtip
ENSMUSG00000050107	10.95647728	3.453712114	5.23E-07	3.67E-06	3.1460829	2.26142914	3.85966932	32.8892092	41.8703731	27.4943255	Haspin
ENSMUSG00000022623	2.002005967	1.001446274	5.27E-07	3.69E-06	782.325948	619.631584	610.79267	1665.83845	1238.81691	1122.68496	Shank3
ENSMUSG00000001656	137.209345	7.100234933	5.30E-07	3.71E-06	0	0	0	9.86676276	31.8578926	37.8046976	Hoxc11
ENSMUSG00000072966	0.34846391	-1.520918847	5.35E-07	3.75E-06	230.712746	329.03794	279.826026	140.601369	78.2793933	72.1726046	Gprasp2
ENSMUSG00000051498	3.588997581	1.843580951	5.37E-07	3.76E-06	27.2660518	19.2221477	18.3334293	76.4674114	89.2020993	66.4446201	Tlr6
ENSMUSG00000063268	2.05007526	1.035676873	5.43E-07	3.80E-06	371.237782	399.142243	303.948959	575.561161	768.230325	859.197673	Parp10
ENSMUSG00000029095	2.587879376	1.371770373	5.50E-07	3.84E-06	131.086787	126.640032	105.175989	240.091227	427.805986	270.360868	Ablim2
ENSMUSG00000087142	0.304968707	-1.713266879	5.51E-07	3.85E-06	81.7981554	133.424319	88.7723944	32.8892092	31.8578926	27.4943255	Gm12454
ENSMUSG00000030154	10.33237465	3.369099957	5.55E-07	3.87E-06	4.1947772	4.52285828	1.92983466	45.2226627	35.4987946	27.4943255	Klrb1f
ENSMUSG00000028362	23.68859413	4.566120675	5.63E-07	3.93E-06	0	1.13071457	2.89475199	27.1335976	40.0499221	30.9311162	Tnfsf8
ENSMUSG00000029283	2.808195341	1.489643294	5.70E-07	3.97E-06	42.9964663	32.7907225	44.3861972	124.156765	118.329315	95.0845425	Cdc7
ENSMUSG00000007682	0.452582229	-1.143748159	5.83E-07	4.05E-06	1413.63992	904.571656	905.092456	472.782382	413.242378	573.944046	Dio2
ENSMUSG00000028071	15.18258805	3.924345831	5.90E-07	4.10E-06	4.1947772	3.39214371	0	30.4225185	50.9726282	30.9311162	Sh2d2a
ENSMUSG00000063388	10.97460439	3.45609703	5.90E-07	4.10E-06	11.5356373	12.4378603	14.47376	72.3562603	314.027799	35.5135038	BC023105
ENSMUSG00000030156	13.56046273	3.761334504	6.00E-07	4.16E-06	7.3408601	3.39214371	0.96491733	23.0224464	54.6135302	80.1917828	Cd69
ENSMUSG00000024180	2.943039998	1.55730715	6.04E-07	4.19E-06	60.8242694	52.0128702	37.6317759	121.690074	134.713374	186.732294	Tmem8
ENSMUSG00000106928	0.313660198	-1.672725623	6.07E-07	4.20E-06	102.772041	122.117174	146.667434	39.4670511	26.3965396	51.5518604	Gm43860
ENSMUSG00000041688	2.353092029	1.234557745	6.08E-07	4.21E-06	123.745927	126.640032	110.965493	266.402595	362.26975	219.954604	Amot
ENSMUSG00000021187	4.911556487	2.296180291	6.09E-07	4.21E-06	18.8764974	16.9607186	25.0878506	152.112593	91.9327758	54.9886511	Tc2n
ENSMUSG00000040265	2.826185272	1.498856045	6.17E-07	4.26E-06	96.4798756	66.7121596	75.2635518	292.713962	223.005248	156.946775	Dnm3
ENSMUSG00000032193	0.478430396	-1.063619044	6.21E-07	4.29E-06	1347.57218	1064.00241	787.372542	517.182815	537.033047	475.422713	Ldlr
ENSMUSG00000042258	0.029842696	-5.066478293	6.29E-07	4.33E-06	22.0225803	31.660008	40.5265279	1.64446046	0	1.1455969	Isl1
ENSMUSG00000005447	3.054979445	1.611162673	6.30E-07	4.35E-06	34.6069119	32.7907225	39.5616105	87.9786346	101.945256	138.617225	Pafah1b3
ENSMUSG00000034795	3.900097314	1.963510122	6.37E-07	4.39E-06	38.8016891	14.6992894	24.1229333	83.8674835	110.137286	109.977302	Ccdc122
ENSMUSG00000087691	6.165731625	2.624272095	6.38E-07	4.39E-06	13.6330259	11.3071457	5.78950398	91.2675556	52.7930792	43.5326821	Gm15674
ENSMUSG00000073375	29.94587052	4.904285167	6.40E-07	4.40E-06	5.2434715	0	2.89475199	27.9558278	196.608709	21.7663411	Lrrc30
ENSMUSG00000037605	5.207550308	2.380604871	6.48E-07	4.46E-06	11.5356373	12.4378603	5.78950398	48.5115836	49.1521772	56.134248	Adgrl3
ENSMUSG00000035923	19.69658532	4.299873635	6.51E-07	4.48E-06	10.486943	1.13071457	3.85966932	18.9112953	218.454121	68.7358139	Myf6
ENSMUSG00000047261	3.036880212	1.602590003	6.51E-07	4.48E-06	40.8990777	36.1828662	28.9475199	113.467772	84.6509718	123.724465	Gap43
ENSMUSG00000056258	0.186269126	-2.424539525	6.51E-07	4.48E-06	79.7007668	68.9735888	69.4740478	23.0224464	10.922706	5.72798449	Kcnq3
ENSMUSG00000030091	4.324289433	2.112463089	6.55E-07	4.50E-06	54.5321036	31.660008	22.1930986	97.8453974	220.274572	150.073194	Nup210
ENSMUSG00000111361	5.215084366	2.382690592	6.68E-07	4.58E-06	41.947772	35.0521517	43.4212799	73.1784905	222.095023	334.514294	Gm47445
ENSMUSG00000006378	0.449463652	-1.153723643	6.81E-07	4.67E-06	267.417046	219.358627	183.334293	105.245469	99.2145798	96.2301394	Gcat
ENSMUSG00000020722	31.60338295	4.982007093	6.85E-07	4.69E-06	19.9251917	7.91500199	9.6491733	82.223023	869.265355	233.701767	Cacng1
ENSMUSG00000049404	2.717925682	1.442506008	6.90E-07	4.72E-06	59.7755751	44.0978682	39.5616105	113.467772	130.162247	146.636403	Rarres1
ENSMUSG00000078552	0.401807037	-1.315425263	6.93E-07	4.74E-06	134.23287	160.561469	118.684832	55.0894254	60.0748832	50.4062635	Dcdc2b
ENSMUSG00000024798	7.191740457	2.846340956	7.00E-07	4.78E-06	9.4382487	3.39214371	4.82458665	41.9337417	36.4090201	49.2606666	Htr7
ENSMUSG00000041658	0.351731631	-1.507453013	7.08E-07	4.83E-06	142.622425	123.247888	152.456938	64.9561882	45.5112752	35.5135038	Rragb
ENSMUSG00000060802	2.088322682	1.06234465	7.13E-07	4.87E-06	10770.0905	10973.5849	9755.31421	17113.9	29761.6433	18903.4944	B2m
ENSMUSG00000031785	2.027339316	1.019587573	7.15E-07	4.87E-06	536.931481	361.828662	336.756148	832.096993	856.522198	815.664991	Adgrg1
ENSMUSG00000014813	2.126539807	1.088507862	7.20E-07	4.90E-06	332.436093	258.933637	339.6509	568.161089	574.352292	840.868123	Stc1
ENSMUSG00000060969	5.853679282	2.549343704	7.20E-07	4.91E-06	9.4382487	7.91500199	5.78950398	49.3338138	36.4090201	49.2606666	Irx1
ENSMUSG00000037443	2.119035855	1.083407999	7.21E-07	4.91E-06	746.670341	651.291592	465.090153	1150.30009	1583.79238	1212.04152	Cep85
ENSMUSG00000063568	0.460442983	-1.118905577	7.23E-07	4.92E-06	240.150995	265.717924	359.914164	129.090146	133.803149	136.326031	Jazf1
ENSMUSG00000030353	2.58983298	1.372859061	7.25E-07	4.93E-06	54.5321036	41.8364391	51.1406185	111.001081	144.725855	127.161256	Tead4
ENSMUSG00000022537	2.049383359	1.035189881	7.38E-07	5.02E-06	302.023958	263.456495	238.334581	676.69548	508.816056	459.384356	Tmem44
ENSMUSG00000022262	0.011216461	-6.478238635	7.61E-07	5.17E-06	29.3634404	24.8757205	36.6668586	0	0	1.1455969	Dnah5
ENSMUSG00000039683	3.331483108	1.736164578	7.68E-07	5.21E-06	35.6556062	20.3528623	40.5265279	87.9786346	115.598639	120.287674	Sdk1
ENSMUSG00000097352	15.53607063	3.95754976	7.68E-07	5.21E-06	1.0486943	4.52285828	0.96491733	33.7114394	38.2294711	26.3487286	C920009B18Rik
ENSMUSG00000039349	2.25466743	1.172914648	7.68E-07	5.21E-06	1056.03516	607.193724	628.161182	1534.28161	1650.23884	1983.02823	C130074G19Rik
ENSMUSG00000020524	0.176039628	-2.506027865	7.71E-07	5.22E-06	110.112901	131.16289	133.158592	5.75561161	24.5760886	36.6591007	Gria1
ENSMUSG00000074480	3.84873114	1.944382893	7.90E-07	5.34E-06	30.4121347	50.8821557	41.4914452	129.912376	102.855482	240.575349	Mex3a

ENSMUSG00000026594	2.014585241	1.01048285	7.92E-07	5.36E-06	138.427648	109.679313	137.018261	264.758134	277.618778	233.701767	Ralgps2
ENSMUSG00000019564	2.540802054	1.345283984	8.01E-07	5.41E-06	65.0190466	102.895026	71.4038824	165.268276	212.082542	230.264976	Arid3a
ENSMUSG00000018168	24.65784024	4.623974536	8.05E-07	5.44E-06	0	2.26142914	1.92983466	24.6669069	51.8828537	26.3487286	Ikzf3
ENSMUSG00000016758	0.475182377	-1.073446764	8.07E-07	5.45E-06	216.031026	192.221477	236.404746	91.2675556	114.688413	100.812527	Bik
ENSMUSG00000046186	2.131745043	1.092034902	8.08E-07	5.45E-06	550.564507	489.599409	697.63523	1579.50427	1026.73437	1098.62742	Cd109
ENSMUSG00000070000	5.893007816	2.55900418	8.11E-07	5.47E-06	17.8278031	10.1764311	4.82458665	74.822951	70.0873637	46.9694728	Fcho1
ENSMUSG00000043939	68.88669029	6.106153359	8.15E-07	5.49E-06	0	0	1.92983466	15.6223744	73.7282657	52.6974573	A530064D06Rik
ENSMUSG00000036745	0.411503602	-1.281023036	8.32E-07	5.60E-06	1123.1516	1441.66108	1531.3238	554.183175	760.948521	368.882201	Ttll7
ENSMUSG00000059049	9.331700175	3.222139955	8.47E-07	5.70E-06	7.3408601	6.78428742	1.92983466	76.4674114	35.4987946	35.5135038	Frem1
ENSMUSG00000028789	2.165022628	1.114382103	8.60E-07	5.78E-06	132.135482	158.30004	140.87793	264.758134	282.169906	388.357348	Azin2
ENSMUSG00000065475	0.352460992	-1.504464496	8.77E-07	5.88E-06	109.064207	151.515752	135.088426	55.9116557	49.1521772	33.22231	Mir27b
ENSMUSG00000015314	19.13456487	4.258109188	9.04E-07	6.05E-06	1.0486943	3.39214371	0.96491733	23.0224464	49.1521772	28.6399224	Slamf6
ENSMUSG00000032783	9.113066893	3.187936657	9.21E-07	6.16E-06	1.0486943	4.52285828	6.75442131	35.3558999	39.1396966	38.9502945	Troap
ENSMUSG00000051504	7.051029914	2.817834001	9.24E-07	6.17E-06	16.7791088	9.04571656	7.71933864	37.0003604	71.9078147	128.306853	Siglech
ENSMUSG00000062939	17.147702	4.099943346	9.29E-07	6.20E-06	7.3408601	0	0.96491733	26.3113674	61.8953342	54.9886511	Stat4
ENSMUSG00000027315	14.14721933	3.822446611	9.40E-07	6.27E-06	0	6.78428742	1.92983466	28.7780581	44.6010496	46.9694728	Spint1
ENSMUSG00000010476	2.636568199	1.398661315	9.48E-07	6.32E-06	254.832715	140.208607	135.088426	568.161089	415.062829	413.56048	Ebf3
ENSMUSG00000033578	0.412476073	-1.277617662	9.48E-07	6.32E-06	177.229337	186.567904	177.544789	69.0673393	58.2544322	97.3757363	Tmem35a
ENSMUSG00000020641	11.60185674	3.536283805	9.61E-07	6.40E-06	103.820736	105.156455	54.0353705	284.49166	1229.71465	1536.24544	Rsad2
ENSMUSG00000017491	0.409243972	-1.288966927	9.67E-07	6.43E-06	228.615357	213.705054	248.948671	96.2009369	120.149766	65.2990232	Rarb
ENSMUSG00000106706	6.391050805	2.676053156	9.70E-07	6.45E-06	31.460829	27.1371497	20.2632639	51.8005045	158.379238	294.418403	C530043K16Rik
ENSMUSG00000027861	2.733474118	1.450735716	9.72E-07	6.45E-06	90.1877098	101.764311	82.9828904	166.912737	251.222239	334.514294	Casq2
ENSMUSG00000040666	0.312049144	-1.680154841	9.72E-07	6.45E-06	4464.29163	5497.53424	5060.9914	925.831239	2686.98568	1074.56989	Sh3bgr
ENSMUSG00000027078	2.472924437	1.306218157	9.77E-07	6.48E-06	441.5003	431.932966	461.230484	652.028573	1277.04638	1373.57068	Ube2l6
ENSMUSG00000044303	18.34099146	4.196999724	9.77E-07	6.48E-06	7.3408601	0	1.92983466	49.3338138	22.7556376	99.6669301	Cdkn2a
ENSMUSG00000032625	2.620785679	1.389999379	9.99E-07	6.62E-06	161.498922	98.3721676	115.79008	434.137562	284.900582	264.632883	Thsd7a
ENSMUSG00000055216	4.448601923	2.153352007	1.00E-06	6.64E-06	23.0712746	14.6992894	14.47376	49.3338138	96.4839033	87.0653642	9430025C20Rik
ENSMUSG00000057058	22.86562166	4.515108238	1.01E-06	6.71E-06	0	1.13071457	2.89475199	31.2447488	39.1396966	24.0575349	Skap1
ENSMUSG00000022034	6.606144609	2.723808551	1.03E-06	6.80E-06	7.3408601	9.04571656	5.78950398	46.8671231	67.3566872	30.9311162	Esco2
ENSMUSG00000030742	6.15445923	2.621632098	1.03E-06	6.80E-06	13.6330259	10.1764311	13.5088426	33.7114394	111.047511	85.9197673	Lat
ENSMUSG00000034394	3.58210363	1.840807075	1.04E-06	6.87E-06	19.9251917	35.0521517	41.4914452	89.6230951	107.406609	150.073194	Lif
ENSMUSG00000056025	3.46224888	1.791709435	1.05E-06	6.93E-06	354.458673	197.87505	215.176565	1271.16794	953.916327	430.744434	Clca3a1
ENSMUSG00000071317	0.31062224	-1.686766969	1.05E-06	6.95E-06	412.13686	453.416543	453.511145	76.4674114	222.095023	111.122899	Bves
ENSMUSG00000028464	0.437378312	-1.19304641	1.06E-06	6.97E-06	44603.066	63116.4873	50249.0349	16496.4051	31658.5532	20936.9289	Tpm2
ENSMUSG00000024066	2.390685537	1.257424375	1.07E-06	7.04E-06	1303.52701	846.905213	734.302088	2802.16062	2392.07262	1700.0658	Xdh
ENSMUSG00000035109	3.369532922	1.752548622	1.08E-06	7.07E-06	29.3634404	19.2221477	19.2983466	76.4674114	81.0100698	71.0270077	Shc4
ENSMUSG00000029206	8.417543921	3.073399344	1.08E-06	7.08E-06	3.1460829	3.39214371	6.75442131	39.4670511	28.2169906	45.8238759	Nsun7
ENSMUSG00000033105	0.455767106	-1.13363129	1.08E-06	7.12E-06	388.016891	344.867944	283.685695	189.935183	145.63608	126.015659	Lss
ENSMUSG00000068227	4.294716164	2.102562787	1.10E-06	7.19E-06	18.8764974	24.8757205	22.1930986	59.2005766	140.174727	83.6285735	Il2rb
ENSMUSG00000090799	6.713030158	2.746964124	1.10E-06	7.20E-06	20.973886	10.1764311	18.3334293	65.7784184	207.531415	59.5710387	Klhl33
ENSMUSG00000076672	114.4285873	6.83830371	1.10E-06	7.22E-06	0	0	0	16.4446046	34.5885691	14.8927597	Ighv3-6
ENSMUSG00000036957	0.466587699	-1.099779823	1.10E-06	7.23E-06	188.764974	247.626491	239.299498	100.312088	95.5736778	120.287674	Lrfn3
ENSMUSG00000058163	6.114714372	2.61228511	1.12E-06	7.32E-06	23.0712746	5.65357285	12.5439253	62.4894975	126.521345	64.1534263	Gm5431
ENSMUSG00000027996	2.209542381	1.143747603	1.13E-06	7.37E-06	5069.38825	4556.77972	5816.52167	9575.69326	8681.73085	15867.6626	Sfrp2
ENSMUSG00000032355	11.09953916	3.472427873	1.14E-06	7.48E-06	14.6817202	9.04571656	8.68425597	36.1781301	269.426749	53.8430542	Mlip
ENSMUSG00000040938	0.384123621	-1.380357413	1.15E-06	7.50E-06	249.589243	422.887249	269.211935	103.601009	105.586158	153.509984	Slc16a11
ENSMUSG00000054659	0.20412619	-2.292466798	1.16E-06	7.56E-06	61.8729637	48.6207265	88.7723944	13.1556837	19.1147356	8.01917828	Pm20d2
ENSMUSG00000020440	2.443963808	1.289222921	1.16E-06	7.56E-06	1118.95682	975.806674	1038.25105	1547.43729	2603.24494	3508.9633	Arf5
ENSMUSG00000030468	9.326712248	3.221368607	1.16E-06	7.58E-06	4.1947772	5.65357285	1.92983466	29.6002883	46.4215007	32.0767131	Siglecg
ENSMUSG00000070427	2.197559013	1.135901908	1.18E-06	7.70E-06	88.0903212	90.4571656	70.4389651	165.268276	201.159836	179.858713	Il18bp
ENSMUSG00000052013	5.498151522	2.458946666	1.19E-06	7.77E-06	10.486943	19.2221477	4.82458665	60.0228068	70.9975892	56.134248	Btla
ENSMUSG00000016529	131.135214	7.034911337	1.21E-06	7.84E-06	0	0	0	8.2223023	25.4863141	42.3870852	Il10
ENSMUSG00000000567	3.542070711	1.824593013	1.21E-06	7.85E-06	58.7268808	41.8364391	69.4740478	126.623455	173.853071	304.728775	Sox9
ENSMUSG00000034959	6.17915072	2.627408564	1.21E-06	7.88E-06	10.486943	3.39214371	13.5088426	40.2892813	62.8055597	68.7358139	Rubcnl
ENSMUSG00000048251	7.989180663	2.998047554	1.22E-06	7.95E-06	3.1460829	5.65357285	4.82458665	27.9558278	41.8703731	38.9502945	Rit1
ENSMUSG00000041064	15.72486719	3.974975927	1.23E-06	8.00E-06	0	7.91500199	0.96491733	32.8892092	42.7805986	59.5710387	Pif1
ENSMUSG00000030854	124.5291706	6.960339918	1.27E-06	8.19E-06	0	0	0	11.5112232	17.2942846	43.5326821	Ptpn5
ENSMUSG00000009731	2.407113545	1.267304196	1.27E-06	8.23E-06	72.3599067	56.5357285	61.7547091	138.956909	139.264502	182.149907	Kcnd1
ENSMUSG00000034810	2.021077918	1.015124942	1.29E-06	8.32E-06	1124.20029	887.610938	891.583613	2502.86882	1558.30606	1805.46071	Scn7a
ENSMUSG00000033595	0.446568876	-1.163045391	1.32E-06	8.54E-06	148.914591	166.215042	141.842848	69.0673393	74.6384912	59.5710387	Lgi3
ENSMUSG00000018604	2.767832031	1.468756394	1.34E-06	8.64E-06	145.768508	104.02574	75.2635518	250.78022	257.593817	391.794139	Tbx3
ENSMUSG00000102037	54.43661446	5.76650544	1.34E-06	8.65E-06	0	2.26142914	0	21.377986	58.2544322	35.5135038	Bcl2a1a
ENSMUSG00000097354	3.041969413	1.605005647	1.36E-06	8.77E-06	50.3373264	50.8821557	42.4563625	101.956549	198.42916	136.326031	2310001H17Rik
ENSMUSG00000004296	100.9306608	6.657220694	1.38E-06	8.88E-06	0	0	0	17.2668348	18.2045101	22.911938	Il12b
ENSMUSG00000079620	0.020596805	-5.601435604	1.38E-06	8.90E-06	27.2660518	30.5292934	32.8071892	0.82223023	0.9102255	0	Muc4
ENSMUSG00000016206	2.190685323	1.131382266	1.40E-06	9.02E-06	163.596311	201.267194	162.106112	333.003243	493.342223	326.495116	H2-M3
ENSMUSG00000036169	4.894223207	2.291079899	1.41E-06	9.03E-06	13.6330259	15.830004	11.579008	61.6672673	95.5736778	42.3870852	Sostdc1
ENSMUSG00000064350	0.292402431	-1.773972787	1.42E-06	9.11E-06	149.963285	73.4964471	97.4566504	31.2447488	32.7681181	29.7855193	mt-Ty
ENSMUSG00000037313	2.481870221	1.311427678	1.42E-06	9.13E-06	97.5285699	118.72503	84.9127251	205.557558	214.813219	327.640713	Tacc3
ENSMUSG00000010461	6.00388929	2.585897374	1.43E-06	9.19E-06	9.4382487	7.91500199	19.2983466	75.6451812	105.586158	40.0958914	Eya4
ENSMUSG00000023982	3.669401199	1.875544652	1.44E-06	9.21E-06	20.973886	14.6992894	16.4035946	55.9116557	69.1771382	66.4446201	Guca1a
ENSMUSG00000052951	22.43624396	4.48775927	1.45E-06	9.32E-06	2.0973886	2.26142914	0	44.4004324	23.6658631	26.3487286	C130021I20Rik
ENSMUSG00000031965	0.116133974	-3.106138008	1.46E-06	9.33E-06	48.2399378	32.7907225	83.9478077	11.5112232	2.73067651	4.58238759	Tbx20
ENSMUSG00000040867	5.312615361	2.409422264	1.46E-06	9.33E-06	26.2173575	12.4378603	9.6491733	124.156765	58.2544322	73.3182014	Begain
ENSMUSG00000020181	5.624443142	2.491710267	1.48E-06	9.46E-06	26.2173575	13.5685748	11.579008	157.868204	69.1771382	60.7166356	Nav3
ENSMUSG00000046718	3.021843393	1.595428895	1.50E-06	9.54E-06	750.865119	957.715241	709.214238	1136.32218	2882.68417	3287.8631	Bst2
ENSMUSG00000025429	7.89883037	2.98163904	1.52E-06	9.68E-06	4.1947772	10.1764311	10.6140906	50.9782743	112.867962	33.22231	Pstpip2

ENSMUSG00000032093	15.02685227	3.909470929	1.56E-06	9.92E-06	4.1947772	4.52285828	0.96491733	20.5557558	88.2918738	34.3679069	Cd3e
ENSMUSG00000006435	6.619664464	2.726758092	1.56E-06	9.95E-06	47.1912435	35.0521517	49.2107838	80.5785626	594.377253	195.897069	Neurl1a
ENSMUSG00000079491	2.97832925	1.574503251	1.57E-06	9.96E-06	63.9703523	47.490012	60.7897918	134.845758	242.119984	136.326031	H2-T10
ENSMUSG00000031517	2.410699941	1.269452091	1.59E-06	1.01E-05	372.286476	191.090762	277.896191	782.763179	709.065667	536.139348	Gpm6a
ENSMUSG00000024379	3.745562078	1.905182233	1.60E-06	1.01E-05	24.1199689	27.1371497	14.47376	61.6672673	86.4714228	97.3757363	Tslp
ENSMUSG00000025747	2.142819933	1.099510622	1.60E-06	1.02E-05	93.3337927	128.901461	101.31632	203.913097	229.376827	260.050496	Tyms
ENSMUSG00000039745	2.212025092	1.145367751	1.61E-06	1.02E-05	245.394466	159.430754	216.141482	363.425762	464.215007	548.740914	Htatip2
ENSMUSG00000074361	2.827664719	1.499611068	1.62E-06	1.03E-05	32.5095233	36.1828662	41.4914452	92.0897858	93.7532268	127.161256	C5ar2
ENSMUSG00000031647	2.398764959	1.262291803	1.62E-06	1.03E-05	144.719813	98.3721676	129.298922	353.558999	321.309603	217.663411	Mfap3l
ENSMUSG00000052212	108.7082438	6.76431754	1.63E-06	1.03E-05	0	0	0.96491733	22.2002162	83.7407463	16.0383566	Cd177
ENSMUSG00000021643	3.086996629	1.626203908	1.64E-06	1.04E-05	91.2364041	87.0650219	143.772682	212.135399	307.65622	477.713906	Serf1
ENSMUSG00000028542	0.290224081	-1.784760863	1.66E-06	1.05E-05	488.691544	606.06301	587.634654	268.869285	141.995178	75.6093952	Slc6a9
ENSMUSG00000058470	11.5362884	3.528107232	1.68E-06	1.06E-05	6.2921658	0	2.89475199	32.066979	35.4987946	40.0958914	Gm8369
ENSMUSG00000097336	0.133332485	-2.906899776	1.69E-06	1.07E-05	38.8016891	56.5357285	25.0878506	5.75561161	4.55112752	5.72798449	Fendrr
ENSMUSG00000090124	7.469445377	2.901001124	1.69E-06	1.07E-05	10.486943	7.91500199	4.82458665	90.4453253	52.7930792	28.6399224	Ugt1a7c
ENSMUSG00000098318	3.619908371	1.85595318	1.81E-06	1.14E-05	20.973886	24.8757205	19.2983466	55.9116557	82.8305208	97.3757363	Lockd
ENSMUSG00000100600	0.043845204	-4.51143715	1.82E-06	1.15E-05	40.8990777	22.6142914	23.1580159	1.64446046	0	2.2911938	A230077H06Rik
ENSMUSG00000022126	573.6832383	9.164110556	1.86E-06	1.17E-05	0	0	0.96491733	21.377986	521.559213	101.958124	Acod1
ENSMUSG00000031351	3.06759163	1.617106438	1.86E-06	1.17E-05	71.3112124	55.4050139	48.2458665	214.60209	110.137286	211.935426	Zfp185
ENSMUSG00000039633	0.487155694	-1.037545166	1.87E-06	1.18E-05	749.816424	658.07588	531.669449	379.870366	313.117573	249.740124	Lonrf1
ENSMUSG00000026117	15.92352545	3.993087877	1.88E-06	1.18E-05	1.0486943	2.26142914	2.89475199	18.0890651	48.2419517	33.22231	Zap70
ENSMUSG00000055675	2.724639157	1.446065177	1.89E-06	1.19E-05	336.63087	159.430754	153.421856	651.206342	531.571694	586.545612	Kbtbd11
ENSMUSG00000040699	2.277456249	1.18742334	1.91E-06	1.20E-05	371.237782	357.305804	425.528543	570.62778	963.018582	1097.48183	Limd2
ENSMUSG00000005360	2.709513937	1.438034068	1.93E-06	1.21E-05	625.021803	360.697948	313.598132	1601.70449	913.866405	1003.54288	Slc1a3
ENSMUSG00000019987	9.512321618	3.249797494	1.93E-06	1.21E-05	6.2921658	1.13071457	7.71933864	24.6669069	59.1646577	63.0078294	Arg1
ENSMUSG00000059013	2.64756788	1.404667673	1.94E-06	1.22E-05	241.199689	131.16289	108.070741	424.270799	450.561624	396.376527	Sh2d3c
ENSMUSG00000017009	0.481845863	-1.053356376	1.94E-06	1.22E-05	2874.47108	3298.2944	3193.87636	1101.78851	1393.55525	2020.83293	Sdc4
ENSMUSG00000040084	3.177380334	1.667837791	1.97E-06	1.23E-05	28.3147461	37.3135808	62.7196265	138.956909	156.558787	113.414093	Bub1b
ENSMUSG00000043251	2.539722257	1.344670733	2.00E-06	1.25E-05	48.2399378	36.1828662	40.5265279	107.71216	105.586158	104.249318	Exoc3l
ENSMUSG00000109455	0.232669146	-2.103648187	2.07E-06	1.29E-05	114.307679	119.855744	83.9478077	34.5336697	29.1272161	9.16477518	Gm44710
ENSMUSG00000015880	5.07808198	2.344283686	2.08E-06	1.30E-05	12.5843316	15.830004	7.71933864	46.0448929	85.5611973	50.4062635	Ncapg
ENSMUSG00000047986	8.477815089	3.0836925	2.08E-06	1.30E-05	8.3895544	1.13071457	6.75442131	34.5336697	38.2294711	67.590217	Palm3
ENSMUSG00000028931	3.594501474	1.845791695	2.08E-06	1.30E-05	89.1390155	29.3985788	51.1406185	154.579283	250.312013	206.207442	Kcnab2
ENSMUSG00000027654	5.953733406	2.573794623	2.10E-06	1.31E-05	4.1947772	7.91500199	9.6491733	34.5336697	50.9726282	44.678279	Fam83d
ENSMUSG00000030178	19.90030915	4.314718938	2.11E-06	1.31E-05	1.0486943	2.26142914	0.96491733	22.2002162	32.7681181	28.6399224	Klra13-ps
ENSMUSG00000022181	7.191499223	2.846292563	2.11E-06	1.31E-05	10.486943	3.39214371	5.78950398	28.7780581	56.4339812	57.2798449	C6
ENSMUSG00000038354	0.481636802	-1.053982463	2.18E-06	1.36E-05	266.368352	297.377932	306.843711	170.201658	111.047511	137.471628	Ankrd35
ENSMUSG00000020897	4.743531357	2.245961484	2.24E-06	1.39E-05	7.3408601	24.8757205	20.2632639	59.2005766	104.675933	84.7741704	Aurkb
ENSMUSG00000097838	27.95152681	4.804855185	2.34E-06	1.45E-05	1.0486943	0	1.92983466	21.377986	34.5885691	30.9311162	C530050E15Rik
ENSMUSG00000036006	4.822447421	2.269765509	2.34E-06	1.45E-05	46.1425492	10.1764311	19.2983466	106.0677	149.276982	109.977302	Ripor2
ENSMUSG00000059336	8.871073387	3.149108679	2.35E-06	1.45E-05	5.2434715	4.52285828	1.92983466	27.9558278	43.6908241	30.9311162	Slc14a1
ENSMUSG00000070868	11.81114865	3.562077371	2.35E-06	1.46E-05	2.0973886	4.52285828	1.92983466	39.4670511	40.0499221	19.4751473	Skint3
ENSMUSG00000047205	2.411888558	1.270163249	2.37E-06	1.46E-05	133.184176	83.6728782	73.3337171	227.757774	225.735925	246.303333	Dusp18
ENSMUSG00000018459	10.43638351	3.38354996	2.37E-06	1.46E-05	0	7.91500199	7.71933864	32.066979	53.7033047	77.900589	Slc13a3
ENSMUSG00000086810	0.21934933	-2.188697796	2.38E-06	1.47E-05	48.2399378	64.4507305	40.5265279	13.1556837	10.922706	9.16477518	Gm13110
ENSMUSG00000076937	25.96935704	4.69873839	2.41E-06	1.49E-05	0	1.13071457	2.89475199	15.6223744	57.3442067	34.3679069	Iglc2
ENSMUSG00000002847	2.970526064	1.570718447	2.43E-06	1.50E-05	120.599844	58.7971577	71.4038824	188.290723	233.017729	325.349519	Pla1a
ENSMUSG00000026141	0.44261856	-1.175864148	2.44E-06	1.50E-05	162.547616	223.881485	161.141194	87.1564044	81.0100698	73.3182014	Col19a1
ENSMUSG00000032855	0.373931333	-1.419154729	2.45E-06	1.51E-05	10232.1103	10816.4156	8409.25453	5642.14384	3251.3255	2119.35426	Pkd1
ENSMUSG00000031488	4.24817722	2.086843952	2.52E-06	1.55E-05	30.4121347	20.3528623	12.5439253	60.0228068	115.598639	92.7933487	Rab11fip1
ENSMUSG00000034028	11.70601776	3.549178468	2.58E-06	1.58E-05	5.2434715	2.26142914	0.96491733	41.1115115	32.7681181	24.0575349	Cd226
ENSMUSG00000053886	3.600803966	1.848319059	2.59E-06	1.59E-05	15.7304145	15.830004	17.3685119	51.8005045	61.8953342	63.0078294	Sh2d4a
ENSMUSG00000045377	2.250502375	1.170247087	2.59E-06	1.59E-05	191.911057	111.940742	147.632352	304.225185	398.67877	313.89355	Tmem88
ENSMUSG00000051124	3.161951551	1.660815262	2.61E-06	1.60E-05	42.9964663	19.2221477	36.6668586	98.6676276	115.598639	99.6669301	Gimap9
ENSMUSG00000037885	0.478506166	-1.063390581	2.72E-06	1.67E-05	958.50659	1022.16597	724.652915	556.649866	365.910652	370.027798	Stk35
ENSMUSG00000041361	2.078240742	1.055362785	2.73E-06	1.67E-05	189.813668	126.640032	135.088426	343.692236	312.207348	281.816837	Myzap
ENSMUSG00000001986	2.150618288	1.104751484	2.79E-06	1.71E-05	216.031026	158.30004	229.650325	537.738571	401.409447	359.717426	Gria3
ENSMUSG00000031425	2.217555992	1.148970532	2.80E-06	1.71E-05	411.088166	315.469365	211.316895	625.717205	738.192883	714.852464	Plp1
ENSMUSG00000030867	3.709214398	1.89111366	2.82E-06	1.72E-05	20.973886	35.0521517	15.4386773	71.53403	84.6509718	107.686108	Plk1
ENSMUSG00000014496	2.008029188	1.00578024	2.85E-06	1.74E-05	353.409979	355.044375	382.107263	936.520232	689.950931	561.34248	Ankrd28
ENSMUSG00000051378	7.067162022	2.821130985	2.87E-06	1.75E-05	4.1947772	10.1764311	2.89475199	37.8225906	36.4090201	45.8238759	Kif18b
ENSMUSG00000055301	0.485382725	-1.042805332	2.99E-06	1.82E-05	371.237782	309.815792	294.299786	191.579644	152.917885	127.161256	Adh7
ENSMUSG00000027219	3.54304797	1.824990999	3.02E-06	1.84E-05	82.8468497	42.9671537	29.9124372	182.535111	229.376827	138.617225	Slc28a2
ENSMUSG00000084817	0.431868968	-1.211334439	3.04E-06	1.85E-05	232.810135	260.064351	230.615242	71.53403	122.880443	119.142077	Gm5526
ENSMUSG00000030674	3.707618993	1.890492996	3.08E-06	1.87E-05	19.9251917	12.4378603	25.0878506	57.5561161	78.2793933	79.0461859	Qprt
ENSMUSG00000035390	0.473443735	-1.078735113	3.08E-06	1.87E-05	266.368352	348.260088	295.264703	175.135039	139.264502	114.55969	Brsk1
ENSMUSG00000031209	2.309694845	1.207702257	3.13E-06	1.90E-05	174.083254	133.424319	124.474336	405.359504	348.616368	241.720945	Heph
ENSMUSG00000090173	0.324277294	-1.624700084	3.16E-06	1.92E-05	70.2625181	67.8428742	91.6671464	25.4891371	21.8454121	27.4943255	Fbxw10
ENSMUSG00000029605	2.510122362	1.327757694	3.17E-06	1.92E-05	67.1164352	83.6728782	53.0704532	136.490218	201.159836	172.985132	Oas1b
ENSMUSG00000049409	5.475872935	2.45308897	3.19E-06	1.93E-05	18.8764974	11.3071457	8.68425597	106.88993	40.9601476	64.1534263	Prokr1
ENSMUSG00000038037	3.326343286	1.733937066	3.20E-06	1.94E-05	51.3860207	59.9278722	77.1933864	114.290002	219.364346	295.564	Socs1
ENSMUSG00000048368	0.39141052	-1.353245564	3.24E-06	1.96E-05	360.750839	335.822227	359.914164	203.090867	114.688413	93.9389456	Omd
ENSMUSG00000028680	2.425682021	1.278390442	3.27E-06	1.97E-05	81.7981554	82.5421636	137.983178	233.513385	218.454121	284.108031	Plk3
ENSMUSG00000058145	4.418587883	2.143585379	3.27E-06	1.98E-05	19.9251917	29.3985788	17.3685119	140.601369	51.8828537	100.812527	Adamts17
ENSMUSG00000004612	11.54778763	3.529544575	3.32E-06	2.01E-05	0	7.91500199	4.82458665	30.4225185	76.4589423	38.9502945	Nkg7
ENSMUSG00000028982	0.408684543	-1.290940414	3.35E-06	2.02E-05	399.552528	274.763641	254.738175	122.512304	161.109914	95.0845425	Slc25a33
ENSMUSG00000047638	7.080398514	2.823830563	3.38E-06	2.04E-05	9.4382487	3.39214371	3.85966932	48.5115836	37.3192456	32.0767131	Nr1h4

ENSMUSG00000048924	2.894244684	1.533186895	3.39E-06	2.04E-05	44.0451606	33.9214371	29.9124372	101.134318	126.521345	83.6285735	Ccdc125
ENSMUSG00000083161	6.850055013	2.776115574	3.41E-06	2.06E-05	10.486943	7.91500199	8.68425597	25.4891371	63.7157852	97.3757363	Gm11427
ENSMUSG00000097462	0.342275045	-1.546771984	3.45E-06	2.08E-05	188.764974	177.522188	192.983466	84.6897137	71.9078147	33.22231	9530026P05Rik
ENSMUSG00000056130	4.9995368	2.321794438	3.50E-06	2.11E-05	8.3895544	6.78428742	12.5439253	53.444965	49.1521772	36.6591007	Ticam2
ENSMUSG00000027238	2.690311445	1.427773197	3.51E-06	2.11E-05	59.7755751	54.2742994	56.9301225	199.801946	151.097434	107.686108	Frmd5
ENSMUSG00000018849	0.449482014	-1.153664708	3.56E-06	2.14E-05	225.469274	310.946507	192.018549	114.290002	103.765707	108.831705	Wwc1
ENSMUSG00000051220	4.331984203	2.115027982	3.59E-06	2.16E-05	19.9251917	9.04571656	11.579008	68.2451091	59.1646577	48.1150697	Ercc6l
ENSMUSG00000004151	0.477576211	-1.066197121	3.63E-06	2.18E-05	336.63087	251.018635	240.264415	147.179211	112.867962	135.180434	Etv1
ENSMUSG00000043008	2.084072619	1.059405549	3.67E-06	2.20E-05	137.378953	113.071457	108.070741	267.224825	276.708553	201.625054	Klhl6
ENSMUSG00000000303	70.17302428	6.132844635	3.75E-06	2.24E-05	0	0	0.96491733	27.1335976	30.9476671	20.6207442	Cdh1
ENSMUSG00000052942	2.630882949	1.395547063	3.74E-06	2.24E-05	63.9703523	66.7121596	54.0353705	212.135399	120.149766	152.364387	Glis3
ENSMUSG00000039236	2.356214806	1.23647107	3.79E-06	2.27E-05	137.378953	102.895026	74.2986344	217.891011	254.863141	268.069674	Isg20
ENSMUSG00000026253	131.7494733	7.041653384	3.83E-06	2.29E-05	0	0	0	4.11115115	40.0499221	32.0767131	Chrng
ENSMUSG00000051401	0.05100233	-4.293293029	3.84E-06	2.29E-05	42.9964663	18.0914331	27.9826026	3.28892092	0.9102255	0	Kctd16
ENSMUSG00000024610	7.079777393	2.823703999	3.88E-06	2.31E-05	1401.05558	4008.38315	1586.32409	10815.6164	23423.7431	15286.845	Cd74
ENSMUSG00000073802	2.657346063	1.409986121	3.93E-06	2.34E-05	30.4121347	31.660008	33.7721066	86.3341742	83.7407463	84.7741704	Cdkn2b
ENSMUSG00000055994	2.782253703	1.47625398	3.94E-06	2.34E-05	37.7529948	26.0064351	41.4914452	101.134318	106.496384	85.9197673	Nod2
ENSMUSG00000066677	55.35555477	5.790656189	3.94E-06	2.35E-05	0	1.13071457	0.96491733	11.5112232	38.2294711	66.4446201	Pydc3
ENSMUSG00000037034	0.369259286	-1.437293894	4.04E-06	2.41E-05	291.537015	356.17509	357.98433	74.0007207	118.329315	181.00431	Pax1
ENSMUSG00000032094	13.48660764	3.7534556	4.06E-06	2.41E-05	7.3408601	2.26142914	0.96491733	18.9112953	78.2793933	44.678279	Cd3d
ENSMUSG00000044708	7.700163315	2.944889045	4.12E-06	2.45E-05	8.3895544	4.52285828	1.92983466	31.2447488	35.4987946	46.9694728	Kcnj10
ENSMUSG00000029851	2.153289854	1.106542534	4.12E-06	2.45E-05	124.794622	105.156455	145.702517	328.892092	253.04269	226.828186	Tcaf2
ENSMUSG00000056413	2.626987338	1.393409247	4.12E-06	2.45E-05	96.4798756	98.3721676	93.596981	154.579283	317.668701	286.399224	Adap1
ENSMUSG00000006542	22.50493042	4.492169199	4.13E-06	2.45E-05	20.973886	19.2221477	11.579008	75.6451812	863.804002	224.536992	Prkag3
ENSMUSG00000049687	2.291516474	1.196302658	4.14E-06	2.46E-05	79.7007668	72.3657325	85.8776424	164.446046	153.82811	229.11938	Fam109b
ENSMUSG00000026398	7.308007022	2.86947802	4.17E-06	2.47E-05	8.3895544	4.52285828	2.89475199	37.8225906	28.2169906	49.2606666	Nr5a2
ENSMUSG00000027496	3.399847545	1.765470055	4.17E-06	2.47E-05	29.3634404	22.6142914	23.1580159	57.5561161	100.124805	98.5213332	Aurka
ENSMUSG00000078153	3.362714544	1.749626316	4.18E-06	2.48E-05	67.1164352	94.9800239	69.4740478	132.379067	262.144945	384.920558	Psme2b
ENSMUSG00000027555	2.701961349	1.434007037	4.21E-06	2.49E-05	102.772041	50.8821557	60.7897918	223.646623	189.326905	166.11155	Car13
ENSMUSG00000040247	4.792884828	2.260894273	4.24E-06	2.51E-05	12.5843316	35.0521517	12.5439253	75.6451812	134.713374	75.6093952	Tbc1d10c
ENSMUSG00000062510	4.493265769	2.167764397	4.31E-06	2.54E-05	20.973886	11.3071457	11.579008	44.4004324	86.4714228	66.4446201	Nsl1
ENSMUSG00000060639	5.531870455	2.467767372	4.33E-06	2.55E-05	17.8278031	12.4378603	4.82458665	47.6893534	90.1123248	54.9886511	Hist1h4i
ENSMUSG00000041609	0.496797701	-1.009269597	4.37E-06	2.57E-05	175.131948	208.051481	229.650325	96.2009369	100.124805	108.831705	Bicdl1
ENSMUSG00000021280	2.119088975	1.083444164	4.39E-06	2.59E-05	80.7494611	68.9735888	76.2284691	157.868204	177.493973	143.199612	Exoc3l4
ENSMUSG00000085604	3.316340997	1.729592357	4.43E-06	2.61E-05	14.6817202	22.6142914	25.0878506	74.822951	64.6260107	67.590217	Dhx58os
ENSMUSG00000029298	2.766900328	1.468270674	4.48E-06	2.64E-05	325.095233	409.318674	279.826026	938.986923	1352.5951	512.081813	Gbp9
ENSMUSG00000053977	14.3951505	3.847510968	4.51E-06	2.65E-05	1.0486943	9.04571656	0.96491733	32.066979	91.9327758	30.9311162	Cd8a
ENSMUSG00000019890	2.655099777	1.408766078	4.54E-06	2.67E-05	76.5546839	55.4050139	92.6320637	166.912737	166.571267	265.77848	Nts
ENSMUSG00000041528	0.423425722	-1.239819182	4.55E-06	2.67E-05	1338.13393	1614.66041	1384.65637	661.073105	813.7416	359.717426	Rnf123
ENSMUSG00000037759	6.790625125	2.763544391	4.69E-06	2.75E-05	8.3895544	2.26142914	6.75442131	32.8892092	50.9726282	35.5135038	Ptger2
ENSMUSG00000053702	0.432882496	-1.207952631	4.76E-06	2.79E-05	191.911057	194.482906	193.948383	89.6230951	102.855482	57.2798449	Nebl
ENSMUSG00000098645	8.187385612	3.033402845	4.82E-06	2.82E-05	10.486943	4.52285828	6.75442131	27.1335976	43.6908241	108.831705	Gm27201
ENSMUSG00000104476	3.671089275	1.876208199	4.86E-06	2.84E-05	149.963285	136.816463	160.176277	235.980076	455.112752	951.991022	Gm38211
ENSMUSG00000079053	77.76123558	6.280979238	4.91E-06	2.87E-05	0	1.13071457	0	12.3334535	40.9601476	34.3679069	Gm14010
ENSMUSG00000032649	3.465367781	1.793008474	4.92E-06	2.87E-05	36.7043005	15.830004	21.2281813	97.0231672	81.9202953	76.7549921	Colgalt2
ENSMUSG00000034765	2.8964661	1.53429378	4.99E-06	2.91E-05	37.7529948	59.9278722	66.5792958	110.178851	190.23713	176.421922	Dusp5
ENSMUSG00000019866	2.593511915	1.374906998	5.03E-06	2.93E-05	117.453762	104.02574	69.4740478	200.624176	334.962985	217.663411	Crybg1
ENSMUSG00000032105	0.117190882	-3.093067775	5.25E-06	3.06E-05	20.973886	31.660008	35.7019412	3.28892092	3.64090201	3.43679069	Pdzd3
ENSMUSG00000031137	0.46080458	-1.117773038	5.29E-06	3.08E-05	245.394466	308.685078	305.878794	116.756693	171.122395	107.686108	Fgf13
ENSMUSG00000045725	0.475419143	-1.072728099	5.30E-06	3.08E-05	198.203223	206.920766	271.14177	95.3787067	103.765707	123.724465	Prr15
ENSMUSG00000037926	2.021961068	1.015755219	5.34E-06	3.10E-05	857.831937	638.853732	657.108702	1153.58901	1317.0963	1886.79809	Ssh2
ENSMUSG00000093861	12.74266504	3.671595134	5.34E-06	3.10E-05	10.486943	1.13071457	0.96491733	54.2671952	79.1896188	26.3487286	Igkv1-110
ENSMUSG00000111673	0.28076597	-1.832560012	5.35E-06	3.11E-05	57.6781865	63.3200159	48.2458665	13.9779139	15.4738336	18.3295504	Gm29724
ENSMUSG00000058914	7.438078424	2.894929959	5.39E-06	3.13E-05	114.307679	219.358627	300.08929	1879.61831	628.965823	2206.41962	C1qtnf3
ENSMUSG00000026971	20.53538132	4.360039832	5.44E-06	3.16E-05	5.2434715	0	2.89475199	12.3334535	115.598639	41.2414883	Itgb6
ENSMUSG00000022629	2.982235462	1.57639417	5.46E-06	3.17E-05	76.5546839	40.7057245	41.4914452	115.934462	173.853071	184.441101	Kif21a
ENSMUSG00000042045	323.5211438	8.337716193	5.47E-06	3.17E-05	0	1.13071457	0	14.8001441	276.708553	72.1726046	Sln
ENSMUSG00000045551	80.64257197	6.333469747	5.50E-06	3.19E-05	0	0	0.96491733	18.9112953	55.5237557	16.0383566	Fpr1
ENSMUSG00000057606	11.96581899	3.580847239	5.51E-06	3.19E-05	3.1460829	3.39214371	1.92983466	16.4446046	50.9726282	33.22231	Colq
ENSMUSG00000044217	28.49491297	4.832632481	5.56E-06	3.22E-05	1.0486943	2.26142914	0	16.4446046	26.3965396	48.1150697	Aqp5
ENSMUSG00000025092	2.161404789	1.111969286	5.57E-06	3.22E-05	361.799533	321.122938	272.106687	882.253037	694.502059	484.587488	Hspa12a
ENSMUSG00000029875	16.26496314	4.023695648	5.57E-06	3.22E-05	1.0486943	0	3.85966932	26.3113674	31.8578926	25.2031317	Ccdc184
ENSMUSG00000032750	3.083990983	1.624798547	5.61E-06	3.24E-05	47.1912435	27.1371497	35.7019412	79.7563323	124.700894	136.326031	Gab3
ENSMUSG00000020395	7.335425967	2.874880745	5.62E-06	3.25E-05	2.0973886	7.91500199	5.78950398	31.2447488	51.8828537	32.0767131	Itk
ENSMUSG00000053044	50.51564612	5.658658395	5.64E-06	3.26E-05	0	2.26142914	0	19.7335255	65.5362362	21.7663411	Cd8b1
ENSMUSG00000103357	0.070991481	-3.816210286	5.67E-06	3.27E-05	16.7791088	38.4442954	34.7370239	3.28892092	2.73067651	0	Gm7804
ENSMUSG00000052316	16.68821951	4.060758135	5.81E-06	3.35E-05	37.7529948	20.3528623	32.8071892	185.001802	193.878032	1139.86891	Lrrc15
ENSMUSG00000107390	9.388570337	3.230905485	5.82E-06	3.35E-05	4.1947772	4.52285828	1.92983466	19.7335255	38.2294711	41.2414883	Gm43323
ENSMUSG00000001227	2.200892948	1.138088974	5.92E-06	3.41E-05	364.945616	227.273629	194.913301	635.583968	569.801165	525.828976	Sema6b
ENSMUSG00000024730	6.988132637	2.804906991	5.98E-06	3.44E-05	10.486943	5.65357285	2.89475199	27.9558278	56.4339812	48.1150697	Ms4a8a
ENSMUSG00000060913	27.00246374	4.755019142	5.99E-06	3.44E-05	5.2434715	2.26142914	0	9.04453253	150.187208	41.2414883	Trim55
ENSMUSG00000024292	0.223703954	-2.160337341	5.99E-06	3.45E-05	42.9964663	52.0128702	41.4914452	9.86676276	7.28180402	13.7471628	Cyp4f14
ENSMUSG00000032554	2.318007826	1.212885437	6.00E-06	3.45E-05	693.186932	472.63869	411.054783	1187.30045	876.547159	1592.37969	Trf
ENSMUSG00000038932	78.12819013	6.287771289	6.29E-06	3.60E-05	0	0	0.96491733	27.1335976	11.8329315	49.2606666	Tcfl5
ENSMUSG00000076612	26.00040816	4.700462366	6.30E-06	3.61E-05	23.0712746	6.78428742	23.1580159	171.846118	1066.78429	142.054015	Ighg2c
ENSMUSG00000009214	96.61408475	6.594161621	6.40E-06	3.66E-05	0	0	0.96491733	5.75561161	43.6908241	59.5710387	Mymk
ENSMUSG00000021256	3.098890443	1.631751752	6.43E-06	3.67E-05	38.8016891	48.6207265	43.4212799	198.157486	98.3043543	107.686108	Vash1

ENSMUSG00000045502	4.373615474	2.128826385	6.43E-06	3.67E-05	28.3147461	41.8364391	57.8950398	79.7563323	295.823288	185.586697	Hcar2
ENSMUSG00000021596	2.737214564	1.452708529	6.48E-06	3.70E-05	54.5321036	45.2285828	53.0704532	185.001802	133.803149	98.5213332	Mctp1
ENSMUSG00000042265	25.34347341	4.663542359	6.51E-06	3.71E-05	2.0973886	2.26142914	0	11.5112232	62.8055597	33.22231	Trem1
ENSMUSG00000085925	11.65674847	3.543093515	6.51E-06	3.71E-05	4.1947772	6.78428742	0.96491733	24.6669069	29.1272161	83.6285735	Rtl1
ENSMUSG00000022240	11.20568382	3.486158786	6.54E-06	3.73E-05	4.1947772	0	3.85966932	25.4891371	28.2169906	38.9502945	Ctnnd2
ENSMUSG00000023903	76.08857779	6.249607991	6.75E-06	3.84E-05	0	1.13071457	0	14.8001441	50.0624027	20.6207442	Mmp25
ENSMUSG00000054435	2.358082681	1.237614304	6.77E-06	3.85E-05	365.994311	206.920766	203.597557	632.295047	719.988373	477.713906	Gimap4
ENSMUSG00000039232	3.022818232	1.595894229	6.84E-06	3.89E-05	25.1686632	55.4050139	36.6668586	99.4898579	139.264502	114.55969	Stx11
ENSMUSG00000050592	6.697027328	2.743520855	6.87E-06	3.91E-05	38.8016891	5.65357285	10.6140906	79.7563323	187.506454	101.958124	Fam78a
ENSMUSG00000072109	10.13840476	3.341758762	6.89E-06	3.91E-05	0	5.65357285	11.579008	32.066979	78.2793933	66.4446201	A530040E14Rik
ENSMUSG00000081209	0.014970533	-6.061730587	6.90E-06	3.92E-05	22.0225803	18.0914331	27.9826026	0	0.9102255	0	Gm14890
ENSMUSG00000042451	38.67060781	5.273165535	6.93E-06	3.94E-05	5.2434715	4.52285828	13.5088426	97.0231672	744.564461	61.8622325	Mybph
ENSMUSG00000045180	3.101183619	1.63281895	6.94E-06	3.94E-05	56.6294922	35.0521517	27.9826026	148.823672	129.252021	91.6477518	Shroom2
ENSMUSG00000105160	110.8957924	6.793060818	7.05E-06	4.00E-05	0	0	0	6.57784184	15.4738336	42.3870852	A530030E21Rik
ENSMUSG00000045629	3.985514154	1.994765852	7.07E-06	4.00E-05	18.8764974	11.3071457	14.47376	75.6451812	57.3442067	44.678279	Sh3tc2
ENSMUSG00000046178	0.124859581	-3.001621565	7.09E-06	4.01E-05	33.5582176	53.1435848	20.2632639	4.11115115	3.64090201	5.72798449	Nxph1
ENSMUSG00000053647	2.294788043	1.198360906	7.11E-06	4.02E-05	57.6781865	63.3200159	46.3160319	138.956909	126.521345	116.850884	Gper1
ENSMUSG00000058427	38.71466186	5.274808136	7.16E-06	4.05E-05	11.5356373	6.78428742	11.579008	42.755972	946.634523	169.548341	Cxcl2
ENSMUSG00000021047	2.322342875	1.21558099	7.19E-06	4.07E-05	209.73886	148.123609	113.860245	308.336336	343.155015	444.491596	Nova1
ENSMUSG00000031196	5.112783873	2.354109042	7.37E-06	4.16E-05	31.460829	19.2221477	33.7721066	239.268997	141.995178	50.4062635	F8
ENSMUSG00000039396	5.054954503	2.337698107	7.42E-06	4.19E-05	6.2921658	22.6142914	8.68425597	51.8005045	75.5487168	60.7166356	Neil3
ENSMUSG00000028347	3.088321358	1.626822881	7.43E-06	4.19E-05	40.8990777	50.8821557	32.8071892	93.7342463	109.22706	182.149907	Tmeff1
ENSMUSG00000030559	3.229956919	1.691514923	7.43E-06	4.19E-05	24.1199689	14.6992894	23.1580159	73.1784905	64.6260107	63.0078294	Rab38
ENSMUSG00000042724	7.553225014	2.917092766	7.44E-06	4.19E-05	3.1460829	3.39214371	6.75442131	30.4225185	44.6010496	26.3487286	Map3k9
ENSMUSG00000039167	2.251693368	1.171010377	7.59E-06	4.27E-05	677.456518	399.142243	409.124948	1433.14729	983.043543	927.933487	Adgrl4
ENSMUSG00000027699	3.005837334	1.587766937	7.63E-06	4.29E-05	30.4121347	32.7907225	21.2281813	94.5564765	91.0225503	66.4446201	Ect2
ENSMUSG00000034156	12.81428124	3.679680655	7.72E-06	4.34E-05	1.0486943	4.52285828	0.96491733	23.8446767	30.0374416	27.4943255	Tspoap1
ENSMUSG00000104871	0.314511258	-1.668816434	7.73E-06	4.35E-05	709.966041	1093.40099	522.020276	123.334535	253.04269	356.280635	Gm42639
ENSMUSG00000046006	11.38135168	3.508600001	7.77E-06	4.36E-05	2.0973886	3.39214371	1.92983466	18.0890651	33.6783436	32.0767131	Gapt
ENSMUSG00000058665	12.63598707	3.659466461	7.86E-06	4.42E-05	3.1460829	1.13071457	3.85966932	17.2668348	28.2169906	59.5710387	En1
ENSMUSG00000024529	2.324612497	1.216990245	8.04E-06	4.51E-05	2155.06679	2877.66858	4230.19758	6099.30385	5866.40337	9570.31648	Lox
ENSMUSG00000097779	53.58163016	5.743666569	8.09E-06	4.53E-05	0	1.13071457	0.96491733	10.688993	73.7282657	27.4943255	4833407H14Rik
ENSMUSG00000106807	5.473901343	2.452569433	8.09E-06	4.53E-05	19.9251917	21.4835768	19.2983466	38.6448208	101.035031	193.605876	Gm10441
ENSMUSG00000040183	2.786947292	1.478685718	8.19E-06	4.58E-05	38.8016891	28.2678643	47.2809492	129.912376	91.0225503	98.5213332	Ankrd6
ENSMUSG00000026228	2.359294989	1.238355814	8.32E-06	4.65E-05	118.502456	79.1500199	135.088426	314.091948	268.516523	202.770651	Htr2b
ENSMUSG00000042357	5.231897125	2.387334173	8.39E-06	4.68E-05	6.2921658	10.1764311	9.6491733	29.6002883	49.1521772	58.4254418	Gjb5
ENSMUSG00000040875	0.31238255	-1.67861423	8.60E-06	4.80E-05	115.356373	94.9800239	144.7376	50.9782743	38.2294711	20.6207442	Osbpl10
ENSMUSG00000040253	2.39286409	1.258738457	8.70E-06	4.85E-05	601.950528	953.192383	536.494036	1150.30009	2200.01504	1653.09632	Gbp7
ENSMUSG00000044788	3.376626077	1.755582426	8.72E-06	4.86E-05	36.7043005	14.6992894	27.9826026	106.88993	78.2793933	83.6285735	Fads6
ENSMUSG00000057719	0.055715611	-4.165774583	8.80E-06	4.90E-05	433.110746	508.821557	549.037961	5.75561161	64.6260107	12.6015659	Sh3rf2
ENSMUSG00000025578	2.13155761	1.091908048	8.95E-06	4.98E-05	83.895544	100.633597	69.4740478	167.734967	169.301944	203.916248	Cbx8
ENSMUSG00000036362	3.898837766	1.963044124	9.00E-06	5.01E-05	14.6817202	16.9607186	8.68425597	49.3338138	51.8828537	54.9886511	P2ry13
ENSMUSG00000054934	25.57692737	4.676771054	9.31E-06	5.17E-05	2.0973886	1.13071457	0	28.7780581	15.4738336	36.6591007	Kcnmb4
ENSMUSG00000033450	2.778754018	1.474438129	9.32E-06	5.18E-05	40.8990777	33.9214371	48.2458665	90.4453253	149.276982	103.103721	Tagap
ENSMUSG00000045871	4.217296841	2.076318571	9.33E-06	5.18E-05	14.6817202	18.0914331	13.5088426	95.3787067	53.7033047	44.678279	Slitrk6
ENSMUSG00000061451	3.569530191	1.835734204	9.49E-06	5.26E-05	13.6330259	12.4378603	18.3334293	51.8005045	53.7033047	53.8430542	Tmem151a
ENSMUSG00000046908	5.344674739	2.418102153	9.63E-06	5.34E-05	8.3895544	4.52285828	11.579008	45.2226627	54.6135302	32.0767131	Ltb4r1
ENSMUSG00000095332	0.325629128	-1.618698338	9.74E-06	5.39E-05	332.436093	394.619385	262.457514	142.24583	130.162247	48.1150697	Gm9821
ENSMUSG00000042340	0.389071389	-1.361893203	9.95E-06	5.50E-05	135.281565	137.947178	162.106112	37.8225906	73.7282657	58.4254418	Ctf1
ENSMUSG00000075588	0.487280576	-1.03717538	1.01E-05	5.58E-05	158.352839	142.470036	184.29921	83.0452533	75.5487168	77.900589	Hoxb2
ENSMUSG00000040111	3.131203067	1.646717074	1.02E-05	5.61E-05	196.105834	70.1043034	79.1232211	431.670871	333.142534	316.184744	Gramd1b
ENSMUSG00000037686	0.142446145	-2.811511513	1.06E-05	5.82E-05	251.686632	68.9735888	44.3861972	24.6669069	10.0124805	17.1839535	Aspg
ENSMUSG00000021388	2.042930539	1.030640152	1.07E-05	5.88E-05	2249.44927	2781.55784	2752.90914	6843.42221	3553.52036	5504.59309	Aspn
ENSMUSG00000074607	0.418391208	-1.25707556	1.07E-05	5.90E-05	149.963285	157.169325	146.667434	44.4004324	65.5362362	81.3373797	Tox2
ENSMUSG00000045751	3.311435163	1.727456611	1.08E-05	5.95E-05	30.4121347	22.6142914	14.47376	82.223023	63.7157852	76.7549921	Mms22l
ENSMUSG00000023048	2.183193825	1.126440219	1.09E-05	5.98E-05	711.014735	630.93873	729.477502	928.29793	1672.08425	1924.60279	Prr13
ENSMUSG00000102051	76.99624966	6.266716272	1.09E-05	5.98E-05	0	1.13071457	0	11.5112232	55.5237557	19.4751473	I830127L07Rik
ENSMUSG00000026770	8.298190263	3.052796736	1.10E-05	6.02E-05	16.7791088	4.52285828	0.96491733	46.8671231	62.8055597	74.4637983	Il2ra
ENSMUSG00000022385	3.485237154	1.801256828	1.11E-05	6.08E-05	16.7791088	21.4835768	14.47376	53.444965	75.5487168	53.8430542	Gtse1
ENSMUSG00000034382	2.91826912	1.545112933	1.14E-05	6.23E-05	24.1199689	27.1371497	25.0878506	68.2451091	64.6260107	90.5021549	AI661453
ENSMUSG00000006585	2.671092302	1.417429831	1.14E-05	6.26E-05	35.6556062	47.490012	37.6317759	80.5785626	117.41909	124.870062	Cdt1
ENSMUSG00000068417	3.159011079	1.659472997	1.14E-05	6.26E-05	32.5095233	16.9607186	27.9826026	64.9561882	92.8430013	88.2109611	Pnp2
ENSMUSG00000104436	7.851776895	2.97301918	1.15E-05	6.29E-05	7.3408601	10.1764311	3.85966932	19.7335255	59.1646577	88.2109611	Gm37423
ENSMUSG00000070424	9.475955514	3.244271426	1.16E-05	6.33E-05	6.2921658	4.52285828	2.89475199	21.377986	79.1896188	28.6399224	Art5
ENSMUSG00000025163	64.07535425	6.001697645	1.16E-05	6.36E-05	0	0	0.96491733	14.8001441	35.4987946	21.7663411	Cd7
ENSMUSG00000025504	0.467612687	-1.096614022	1.20E-05	6.54E-05	151.011979	193.352192	162.106112	80.5785626	91.0225503	64.1534263	Eps8l2
ENSMUSG00000048138	5.503551076	2.460362794	1.21E-05	6.59E-05	8.3895544	4.52285828	9.6491733	27.9558278	47.3317262	50.4062635	Dmrt2
ENSMUSG00000040838	0.069283373	-3.851347014	1.22E-05	6.67E-05	22.0225803	29.3985788	27.0176853	4.11115115	0.9102255	0	Gm11639
ENSMUSG00000050505	4.360701828	2.124560346	1.22E-05	6.67E-05	13.6330259	22.6142914	12.5439253	62.4894975	44.6010496	105.394915	Pcdh20
ENSMUSG00000029059	2.455234877	1.295861045	1.23E-05	6.69E-05	225.469274	196.744335	147.632352	344.514467	670.836196	382.629364	Fam213b
ENSMUSG00000027323	3.06842833	1.617499887	1.23E-05	6.72E-05	37.7529948	22.6142914	21.2281813	69.8895696	94.6634523	85.9197673	Rad51
ENSMUSG00000105282	4.761558982	2.251434004	1.24E-05	6.77E-05	19.9251917	20.3528623	18.3334293	35.3558999	118.329315	126.015659	Gm42981
ENSMUSG00000051379	2.879725279	1.525931187	1.24E-05	6.77E-05	34.6069119	26.0064351	22.1930986	79.7563323	89.2020993	68.7358139	Flrt3
ENSMUSG00000030048	0.455914509	-1.133164772	1.25E-05	6.81E-05	830.565885	425.148678	635.880521	282.024969	250.312013	331.077503	Gkn3
ENSMUSG00000021234	0.34656631	-1.528796677	1.25E-05	6.82E-05	78.6520725	68.9735888	82.9828904	27.1335976	32.7681181	19.4751473	Fam161b
ENSMUSG00000081165	0.12978377	-2.94581812	1.26E-05	6.85E-05	24.1199689	35.0521517	27.9826026	4.93338138	1.82045101	4.58238759	Gm11783
ENSMUSG00000004961	13.82278208	3.788976108	1.29E-05	6.98E-05	3.1460829	1.13071457	0.96491733	26.3113674	21.8454121	24.0575349	Syt5

ENSMUSG00000038781	2.291439528	1.196254213	1.33E-05	7.20E-05	211.836249	109.679313	121.579584	326.425401	370.46178	318.475938	Stap2
ENSMUSG00000015112	4.391135612	2.13459409	1.36E-05	7.36E-05	12.5843316	12.4378603	8.68425597	52.6227347	60.9851087	33.22231	Slc25a13
ENSMUSG00000051456	50.68140315	5.663384562	1.37E-05	7.42E-05	0	1.13071457	0.96491733	9.86676276	71.9078147	24.0575349	Hspb3
ENSMUSG00000015134	2.360455229	1.239065119	1.37E-05	7.44E-05	261.124881	127.770746	171.755285	510.604973	349.526593	463.966744	Aldh1a3
ENSMUSG00000020185	3.284978924	1.715884114	1.41E-05	7.62E-05	27.2660518	18.0914331	17.3685119	54.2671952	70.9975892	81.3373797	E2f7
ENSMUSG00000031881	0.05147371	-4.280020411	1.45E-05	7.82E-05	10.486943	32.7907225	48.2458665	2.46669069	0	2.2911938	Cdh16
ENSMUSG00000045826	5.654488794	2.4993966	1.45E-05	7.83E-05	13.6330259	5.65357285	10.6140906	31.2447488	88.2918738	50.4062635	Ptprcap
ENSMUSG00000044026	0.338465578	-1.562918974	1.46E-05	7.85E-05	104.86943	91.5878802	165.965781	45.2226627	48.2419517	28.6399224	Slc35g1
ENSMUSG00000064147	5.53982686	2.469840887	1.49E-05	8.01E-05	11.5356373	6.78428742	8.68425597	27.1335976	73.7282657	49.2606666	Rab44
ENSMUSG00000025089	3.311951415	1.727681509	1.49E-05	8.02E-05	54.5321036	18.0914331	42.4563625	154.579283	121.970217	105.394915	Gfra1
ENSMUSG00000032507	0.490420887	-1.027907669	1.49E-05	8.02E-05	274.757907	307.554363	313.598132	189.935183	131.982698	115.705287	Fbxl2
ENSMUSG00000030890	0.345347257	-1.533880331	1.54E-05	8.25E-05	661.726103	810.722347	796.056798	397.959431	266.696072	116.850884	Ilk
ENSMUSG00000076583	130.6175463	7.029204901	1.54E-05	8.29E-05	0	0	0	1.64446046	28.2169906	45.8238759	Igkv8-24
ENSMUSG00000005465	2.522686263	1.334960795	1.57E-05	8.42E-05	89.1390155	48.6207265	62.7196265	173.490579	200.249611	131.743643	Il27ra
ENSMUSG00000005824	13.77776093	3.784269544	1.57E-05	8.42E-05	3.1460829	0	2.89475199	15.6223744	35.4987946	34.3679069	Tnfsf14
ENSMUSG00000025058	6.010046738	2.58737621	1.58E-05	8.43E-05	6.2921658	7.91500199	10.6140906	28.7780581	81.9202953	38.9502945	5430427O19Rik
ENSMUSG00000097585	5.573458233	2.478572772	1.58E-05	8.48E-05	7.3408601	12.4378603	7.71933864	35.3558999	35.4987946	82.4829766	E230029C05Rik
ENSMUSG00000026452	0.309065248	-1.694016654	1.59E-05	8.49E-05	102.772041	150.385038	79.1232211	46.8671231	31.8578926	22.911938	Syt2
ENSMUSG00000033006	2.863816228	1.517938918	1.60E-05	8.54E-05	55.5807979	42.9671537	31.8422719	156.223744	128.341796	87.0653642	Sox10
ENSMUSG00000041607	2.356217114	1.236472483	1.60E-05	8.54E-05	561.05145	402.534387	302.019124	875.675195	1358.96668	745.78358	Mbp
ENSMUSG00000038600	8.278571067	3.049381771	1.62E-05	8.67E-05	3.1460829	9.04571656	7.71933864	99.4898579	43.6908241	20.6207442	Atp6v0a4
ENSMUSG00000036223	8.752840587	3.129751295	1.65E-05	8.81E-05	3.1460829	3.39214371	2.89475199	19.7335255	26.3965396	36.6591007	Ska1
ENSMUSG00000041605	22.73467245	4.506822314	1.66E-05	8.87E-05	2.0973886	0	0.96491733	27.9558278	25.4863141	17.1839535	5730559C18Rik
ENSMUSG00000081583	0.239302358	-2.063093484	1.67E-05	8.92E-05	62.921658	100.633597	62.7196265	12.3334535	11.8329315	30.9311162	Gm14769
ENSMUSG00000035692	8.213725828	3.038036791	1.68E-05	8.95E-05	70.2625181	137.947178	61.7547091	231.046695	1024.00369	961.155797	Isg15
ENSMUSG00000105366	0.324645141	-1.623064478	1.68E-05	8.96E-05	65.0190466	78.0193053	96.491733	18.0890651	27.3067651	33.22231	Gm43719
ENSMUSG00000098912	0.461406518	-1.11588971	1.71E-05	9.09E-05	213.933637	286.070786	236.404746	144.712521	107.406609	85.9197673	1500004A13Rik
ENSMUSG00000063275	0.493104444	-1.02003484	1.71E-05	9.12E-05	869.367575	1155.59029	1245.70827	393.02605	685.399804	534.993751	Hacd1
ENSMUSG00000024791	5.496806182	2.458593611	1.75E-05	9.29E-05	9.4382487	12.4378603	4.82458665	28.7780581	66.4464617	50.4062635	Cdca5
ENSMUSG00000022512	4.5286928	2.179094679	1.78E-05	9.46E-05	31.460829	35.0521517	18.3334293	124.156765	206.621189	51.5518604	Cldn1
ENSMUSG00000094546	38.83616702	5.279328914	1.80E-05	9.54E-05	1.0486943	0	0.96491733	24.6669069	41.8703731	13.7471628	Ighv1-26
ENSMUSG00000078532	2.869465384	1.52078197	1.81E-05	9.59E-05	54.5321036	41.8364391	24.1229333	117.578923	129.252021	97.3757363	Nkain1
ENSMUSG00000103032	5.674835689	2.504578621	1.82E-05	9.62E-05	4.1947772	5.65357285	9.6491733	27.9558278	38.2294711	45.8238759	Gm37121
ENSMUSG00000054342	2.262003658	1.177601262	1.90E-05	0.00010029	180.37542	205.790052	165.000863	264.758134	525.200115	457.093162	Kcnn4
ENSMUSG00000068101	4.743447998	2.245936131	1.91E-05	0.00010118	10.486943	11.3071457	6.75442131	30.4225185	46.4215007	58.4254418	Cenpm
ENSMUSG00000036381	4.143230221	2.050755987	1.92E-05	0.00010133	26.2173575	18.0914331	11.579008	45.2226627	104.675933	81.3373797	P2ry14
ENSMUSG00000030302	0.418407392	-1.257019754	1.94E-05	0.00010222	262.173575	184.306475	142.807765	93.7342463	81.0100698	71.0270077	Atp2b2
ENSMUSG00000025551	0.338224855	-1.56394541	1.94E-05	0.00010225	376.481254	450.024399	498.86226	248.31353	119.239541	79.0461859	Fgf14
ENSMUSG00000030325	23.8184401	4.574007027	1.98E-05	0.00010429	1.0486943	2.26142914	0	15.6223744	38.2294711	21.7663411	Klrb1c
ENSMUSG00000026080	0.341843605	-1.548591659	1.98E-05	0.00010447	82.8468497	81.4114491	90.7022291	40.2892813	26.3965396	19.4751473	Chst10
ENSMUSG00000097391	2.658570493	1.41065072	2.02E-05	0.00010649	87.0416269	81.4114491	102.281237	175.957269	182.045101	364.299813	Mirg
ENSMUSG00000035929	2.454591222	1.295482784	2.04E-05	0.00010705	1150.41765	1558.12468	1080.70741	1896.06291	4718.60901	2685.27913	H2-Q4
ENSMUSG00000073705	6.259616492	2.64607427	2.04E-05	0.00010731	6.2921658	6.78428742	9.6491733	21.377986	50.0624027	72.1726046	Cenps
ENSMUSG00000053007	0.467025248	-1.098427549	2.06E-05	0.00010844	1557.31104	1569.43182	1391.41079	465.38231	647.170333	1000.10609	Creb5
ENSMUSG00000023078	3.812197421	1.930622833	2.07E-05	0.00010868	14.6817202	7.91500199	15.4386773	46.0448929	51.8828537	48.1150697	Cxcl13
ENSMUSG00000021108	2.312927585	1.209720098	2.08E-05	0.00010891	348.166508	211.443625	210.351978	695.606775	678.118	405.541302	Prkch
ENSMUSG00000024014	2.780720025	1.475458495	2.10E-05	0.00010998	398.503834	230.665772	260.527679	415.226266	1044.02865	1016.14445	Pim1
ENSMUSG00000031700	2.072662898	1.051485493	2.11E-05	0.0001104	486.594155	299.639361	300.08929	617.494903	905.674376	728.599627	Gpt2
ENSMUSG00000015879	0.123524008	-3.017136627	2.13E-05	0.00011165	24.1199689	21.4835768	36.6668586	4.93338138	2.73067651	2.2911938	Fam184b
ENSMUSG00000051920	3.747968199	1.906108712	2.15E-05	0.00011232	23.0712746	14.6992894	9.6491733	69.0673393	52.7930792	54.9886511	Rspo2
ENSMUSG00000071567	0.448295375	-1.15747848	2.21E-05	0.00011547	245.394466	399.142243	287.545364	134.023528	108.316835	176.421922	NA
ENSMUSG00000094420	13.4952533	3.75438015	2.21E-05	0.00011569	10.486943	0	1.92983466	59.2005766	89.2020993	19.4751473	Igkv10-96
ENSMUSG00000109136	0.210200911	-2.250159175	2.24E-05	0.00011706	42.9964663	56.5357285	53.0704532	18.0890651	5.46135302	8.01917828	Gm45114
ENSMUSG00000047146	0.445846571	-1.165380773	2.25E-05	0.00011753	266.368352	274.763641	317.457802	179.24619	104.675933	97.3757363	Tet1
ENSMUSG00000043903	3.162036447	1.660853997	2.25E-05	0.00011756	53.4834093	64.4507305	127.369088	234.335616	172.942846	371.173395	Zfp469
ENSMUSG00000028175	5.382249354	2.428209231	2.26E-05	0.00011816	9.4382487	3.39214371	6.75442131	33.7114394	39.1396966	33.22231	Depdc1a
ENSMUSG00000079012	7.788970816	2.961432713	2.27E-05	0.00011823	8.3895544	2.26142914	6.75442131	65.7784184	18.2045101	52.6974573	Serpina3m
ENSMUSG00000098202	7.143728133	2.836677177	2.27E-05	0.00011848	7.3408601	11.3071457	10.6140906	22.2002162	53.7033047	134.034837	B830012L14Rik
ENSMUSG00000042099	2.010798216	1.007768314	2.27E-05	0.00011853	940.678787	594.755864	524.915028	1576.21535	1368.06893	1197.14876	Kank3
ENSMUSG00000040086	0.224958132	-2.152271576	2.30E-05	0.00011964	42.9964663	42.9671537	51.1406185	7.40007207	16.3840591	6.87358139	Tnni3k
ENSMUSG00000110018	18.15336004	4.182164699	2.34E-05	0.00012205	2.0973886	2.26142914	0	13.1556837	31.8578926	32.0767131	5430437J10Rik
ENSMUSG00000098090	3.519613063	1.815416831	2.35E-05	0.00012231	11.5356373	28.2678643	17.3685119	57.5561161	77.3691678	65.2990232	2700099C18Rik
ENSMUSG00000103364	4.24096252	2.084391733	2.37E-05	0.0001233	67.1164352	44.0978682	32.8071892	92.912016	151.097434	367.736604	Gm38157
ENSMUSG00000067242	2.899407676	1.5357582	2.38E-05	0.00012352	59.7755751	48.6207265	26.0527679	146.356981	99.2145798	143.199612	Lgi1
ENSMUSG00000022015	36.03641189	5.171383466	2.43E-05	0.00012596	1.0486943	0	0.96491733	13.9779139	24.5760886	36.6591007	Tnfsf11
ENSMUSG00000005968	4.304627923	2.105888541	2.46E-05	0.00012738	10.486943	9.04571656	10.6140906	31.2447488	45.5112752	53.8430542	Tuft1
ENSMUSG00000050541	0.386929246	-1.369858317	2.49E-05	0.0001286	68.1651295	72.3657325	76.2284691	27.1335976	28.2169906	28.6399224	Adra1b
ENSMUSG00000001403	12.17456912	3.605798809	2.51E-05	0.00012959	72.3599067	38.4442954	44.3861972	158.690434	1320.7372	410.123689	Ube2c
ENSMUSG00000053475	2.638893427	1.399933088	2.52E-05	0.00013002	65.0190466	98.3721676	113.860245	196.513025	186.596228	350.552651	Tnfaip6
ENSMUSG00000045349	8.34336987	3.060630203	2.52E-05	0.00013008	4.1947772	3.39214371	1.92983466	22.2002162	23.6658631	33.22231	Sh2d5
ENSMUSG00000074001	6.976000108	2.802400063	2.52E-05	0.00013032	19.9251917	24.8757205	24.1229333	27.1335976	323.130054	130.598046	Klhl40
ENSMUSG00000026589	2.074668917	1.052881124	2.53E-05	0.00013071	314.60829	355.044375	271.14177	892.1198	537.943272	518.955395	Sec16b
ENSMUSG00000036854	0.399630797	-1.323260329	2.56E-05	0.00013221	2431.92208	3196.53009	2410.36349	744.118358	1727.608	740.055596	Hspb6
ENSMUSG00000055235	6.642692049	2.731768034	2.59E-05	0.00013329	1.0486943	12.4378603	5.78950398	45.2226627	40.0499221	41.2414883	Wdr86
ENSMUSG00000020493	2.890868118	1.531502794	2.63E-05	0.00013545	29.3634404	29.3985788	18.3334293	63.3117277	81.0100698	77.900589	Prr11
ENSMUSG00000022303	22.75594799	4.508171784	2.65E-05	0.0001366	0	2.26142914	0.96491733	15.6223744	35.4987946	20.6207442	Dcstamp
ENSMUSG00000040963	6.262517475	2.646742724	2.66E-05	0.00013662	5.2434715	4.52285828	4.82458665	22.2002162	31.8578926	37.8046976	Asgr2

ENSMUSG00000063646	21.67812433	4.43816803	2.66E-05	0.0001368	2.0973886	1.13071457	0	15.6223744	25.4863141	27.4943255	Jakmip1
ENSMUSG00000070407	7.881927227	2.978548429	2.67E-05	0.00013698	4.1947772	5.65357285	2.89475199	50.156044	18.2045101	30.9311162	Hs3st3b1
ENSMUSG00000084846	0.417631223	-1.259698519	2.69E-05	0.00013795	84.9442383	130.032176	106.140906	44.4004324	42.7805986	46.9694728	A730011C13Rik
ENSMUSG00000046589	7.296694405	2.867243033	2.69E-05	0.00013804	9.4382487	1.13071457	4.82458665	25.4891371	40.0499221	48.1150697	Lrrc8e
ENSMUSG00000056492	2.202859166	1.139377263	2.71E-05	0.00013909	2959.41531	1763.91473	1857.46586	6257.17205	4958.90854	3278.69832	Adgrf5
ENSMUSG00000006519	2.059967794	1.042621782	2.71E-05	0.0001392	875.65974	897.787369	876.144936	1118.23311	2176.34918	2165.17814	Cyba
ENSMUSG00000053519	0.289224494	-1.789738358	2.71E-05	0.00013921	49.2886321	101.764311	63.6845438	18.0890651	19.1147356	25.2031317	Kcnip1
ENSMUSG00000001864	2.14530975	1.101185966	2.72E-05	0.00013935	96.4798756	80.2807345	87.8074771	145.534751	190.23713	233.701767	Aif1l
ENSMUSG00000022686	0.488363434	-1.033972911	2.72E-05	0.0001396	155.206756	142.470036	174.650037	90.4453253	71.9078147	67.590217	B3gnt5
ENSMUSG00000030483	0.043338746	-4.528198785	2.76E-05	0.00014129	97.5285699	28.2678643	15.4386773	5.75561161	0	0	Cyp2b10
ENSMUSG00000045273	4.631579062	2.211504141	2.81E-05	0.00014361	8.3895544	7.91500199	6.75442131	31.2447488	35.4987946	40.0958914	Cenph
ENSMUSG00000002910	0.44733374	-1.160576518	2.83E-05	0.00014488	757.157284	806.199489	382.107263	274.624897	283.990357	311.602356	Arrdc2
ENSMUSG00000041842	2.327219324	1.218607181	2.84E-05	0.00014506	49.2886321	44.0978682	44.3861972	123.334535	88.2918738	108.831705	Fhdc1
ENSMUSG00000046541	0.419621652	-1.252838974	2.85E-05	0.00014554	243.297078	247.626491	271.14177	152.112593	98.3043543	67.590217	Zfp526
ENSMUSG00000100280	5.22333883	2.384972292	2.85E-05	0.00014559	10.486943	6.78428742	4.82458665	27.9558278	48.2419517	38.9502945	Gm28417
ENSMUSG00000040329	3.146567215	1.653778761	2.87E-05	0.00014648	57.6781865	21.4835768	40.5265279	132.379067	152.917885	91.6477518	Il7
ENSMUSG00000003779	3.291073797	1.718558377	2.89E-05	0.00014743	30.4121347	36.1828662	35.7019412	148.823672	129.252021	57.2798449	Kif20a
ENSMUSG00000063821	29.48837229	4.882074285	2.91E-05	0.00014839	11.5356373	2.26142914	1.92983466	43.5782022	343.155015	76.7549921	Dupd1
ENSMUSG00000000791	22.91975178	4.518519515	2.94E-05	0.00014982	1.0486943	2.26142914	0	17.2668348	38.2294711	17.1839535	Il12rb1
ENSMUSG00000019102	0.316418989	-1.660091913	2.96E-05	0.00015067	180.37542	136.816463	98.4215677	60.0228068	47.3317262	22.911938	Aldh3a1
ENSMUSG00000005947	5.000065282	2.321946931	2.99E-05	0.00015205	12.5843316	9.04571656	3.85966932	37.8225906	51.8828537	36.6591007	Itgae
ENSMUSG00000033998	0.240978897	-2.053021283	2.99E-05	0.00015226	83.895544	46.3592974	55.9652052	8.2223023	14.563608	22.911938	Kcnk1
ENSMUSG00000054400	2.560252584	1.356286147	3.04E-05	0.00015445	42.9964663	70.1043034	52.1055358	179.24619	137.444051	104.249318	Cklf
ENSMUSG00000079685	6.143956974	2.619168113	3.05E-05	0.000155	7.3408601	4.52285828	2.89475199	31.2447488	29.1272161	29.7855193	Ulbp1
ENSMUSG00000089727	53.16632222	5.732440766	3.08E-05	0.00015653	0	1.13071457	0	13.1556837	22.7556376	24.0575349	Klra8
ENSMUSG00000021301	11.0357094	3.464107467	3.08E-05	0.00015654	3.1460829	1.13071457	1.92983466	18.9112953	22.7556376	27.4943255	Hecw1
ENSMUSG00000043531	7.479162816	2.90287679	3.14E-05	0.00015919	7.3408601	6.78428742	0.96491733	50.9782743	34.5885691	25.2031317	Sorcs1
ENSMUSG00000027603	0.490179205	-1.028618814	3.17E-05	0.0001606	191.911057	203.528623	146.667434	99.4898579	88.2918738	76.7549921	Ggt7
ENSMUSG00000022425	2.111493243	1.07826363	3.17E-05	0.00016063	595.658362	362.959377	340.615818	1146.18894	797.357541	798.481038	Enpp2
ENSMUSG00000027901	2.46700942	1.302763224	3.19E-05	0.00016143	53.4834093	40.7057245	43.4212799	127.445686	127.43157	83.6285735	Dennd2d
ENSMUSG00000034686	2.576681024	1.365513952	3.26E-05	0.00016479	50.3373264	40.7057245	52.1055358	89.6230951	117.41909	163.820356	Prr7
ENSMUSG00000104851	4.857610404	2.280246786	3.32E-05	0.00016733	35.6556062	30.5292934	16.4035946	55.0894254	100.124805	246.303333	E030026E10Rik
ENSMUSG00000009350	38.57120138	5.269452177	3.33E-05	0.00016809	2.0973886	0	0	35.3558999	34.5885691	10.3103721	Mpo
ENSMUSG00000102719	5.606424168	2.487080899	3.34E-05	0.00016833	14.6817202	11.3071457	14.47376	23.8446767	82.8305208	121.433271	Gm37760
ENSMUSG00000024727	3.19023056	1.673660692	3.38E-05	0.00017025	18.8764974	18.0914331	14.47376	60.0228068	46.4215007	57.2798449	Trpm6
ENSMUSG00000105748	3.584649181	1.841831933	3.40E-05	0.00017136	32.5095233	21.4835768	20.2632639	54.2671952	80.0998443	132.88924	Gm43088
ENSMUSG00000039304	2.060109621	1.042721107	3.43E-05	0.00017283	330.338704	379.920096	271.14177	703.829077	851.060845	463.966744	Tnfsf10
ENSMUSG00000093672	0.358605641	-1.479529913	3.45E-05	0.00017366	78.6520725	83.6728782	88.7723944	37.0003604	33.6783436	18.3295504	Gm20655
ENSMUSG00000026285	13.69832964	3.775928078	3.46E-05	0.00017377	1.0486943	3.39214371	0.96491733	17.2668348	35.4987946	19.4751473	Pdcd1
ENSMUSG00000001348	2.355065905	1.235767433	3.46E-05	0.00017389	940.678787	409.318674	522.020276	1673.23852	1132.32053	1603.83566	Acp5
ENSMUSG00000025955	0.077232632	-3.69464565	3.46E-05	0.00017389	16.7791088	22.6142914	21.2281813	1.64446046	1.82045101	1.1455969	Akr1cl
ENSMUSG00000044103	208.6249248	7.704767719	3.46E-05	0.00017389	0	1.13071457	0	9.86676276	185.686003	38.9502945	Il1f9
ENSMUSG00000032503	13.01441445	3.702038498	3.47E-05	0.00017427	2.0973886	3.39214371	0.96491733	12.3334535	42.7805986	27.4943255	Arpp21
ENSMUSG00000103251	5.480594289	2.454332341	3.49E-05	0.00017484	10.486943	12.4378603	10.6140906	23.8446767	60.9851087	99.6669301	Gm37519
ENSMUSG00000037625	3.792843559	1.923279867	3.54E-05	0.00017739	45.0938549	11.3071457	19.2983466	95.3787067	98.3043543	93.9389456	Cldn11
ENSMUSG00000032053	8.18517385	3.033013059	3.60E-05	0.00017999	6.2921658	9.04571656	0	30.4225185	49.1521772	43.5326821	Pou2af1
ENSMUSG00000078202	2.047547086	1.033896629	3.67E-05	0.0001836	74.4572953	72.3657325	80.0881384	154.579283	181.134875	128.306853	Nrarp
ENSMUSG00000090622	0.372285873	-1.425517221	3.70E-05	0.00018512	203.446694	237.45006	201.667722	111.823311	85.5611973	40.0958914	A930033H14Rik
ENSMUSG00000028268	2.614446881	1.386505759	3.73E-05	0.00018635	465.620269	823.160207	422.633791	948.853686	2220.04	1303.68927	Gbp3
ENSMUSG00000016552	2.953518462	1.56243463	3.75E-05	0.00018735	44.0451606	22.6142914	22.1930986	96.2009369	90.1123248	75.6093952	Foxred2
ENSMUSG00000026489	0.377633378	-1.404941808	3.77E-05	0.00018811	1755.51426	987.11382	1271.76104	369.181373	812.831374	333.368697	Coq8a
ENSMUSG00000042515	0.387485172	-1.367786992	3.81E-05	0.00018962	140.525036	217.097197	223.860821	104.423239	69.1771382	50.4062635	Mum1l1
ENSMUSG00000007080	2.835907378	1.503810414	3.82E-05	0.00019032	48.2399378	38.4442954	27.0176853	131.556837	114.688413	74.4637983	Pole
ENSMUSG00000024910	8.279895126	3.049612495	3.84E-05	0.00019088	3.1460829	19.2221477	1.92983466	49.3338138	103.765707	44.678279	Ctsw
ENSMUSG00000051682	20.93024881	4.387517557	3.84E-05	0.00019088	2.0973886	1.13071457	0	15.6223744	20.9351866	29.7855193	Treml4
ENSMUSG00000096965	54.52169547	5.768758521	3.86E-05	0.0001917	0	0	0.96491733	14.8001441	13.6533825	33.22231	3300005D01Rik
ENSMUSG00000000296	0.261735088	-1.933820752	3.87E-05	0.00019224	106.966819	145.86218	145.702517	27.9558278	61.8953342	13.7471628	Tpd52l1
ENSMUSG00000069255	2.01493812	1.010735533	3.88E-05	0.00019283	209.73886	159.430754	126.40417	277.913818	344.06524	376.901379	Dusp22
ENSMUSG00000031262	3.743798885	1.904502936	3.89E-05	0.00019306	10.486943	19.2221477	12.5439253	48.5115836	41.8703731	67.590217	Cenpi
ENSMUSG00000097707	6.408662974	2.680023402	4.08E-05	0.00020244	4.1947772	10.1764311	15.4386773	24.6669069	63.7157852	104.249318	Gm26742
ENSMUSG00000027670	15.66891159	3.969833065	4.10E-05	0.00020322	3.1460829	0	0.96491733	21.377986	20.9351866	22.911938	Ocstamp
ENSMUSG00000015652	9.622301259	3.266381969	4.20E-05	0.00020767	5.2434715	0	3.85966932	18.9112953	32.7681181	37.8046976	Steap1
ENSMUSG00000053199	2.09994783	1.070353487	4.30E-05	0.00021236	82.8468497	82.5421636	63.6845438	175.957269	174.763297	128.306853	Arhgap20
ENSMUSG00000034755	0.263507301	-1.92408516	4.38E-05	0.00021617	65.0190466	42.9671537	41.4914452	10.688993	10.922706	18.3295504	Pcdh11x
ENSMUSG00000089694	9.107654913	3.187079629	4.38E-05	0.00021617	5.2434715	1.13071457	1.92983466	29.6002883	25.4863141	20.6207442	Nat8f7
ENSMUSG00000050014	4.65407112	2.218493257	4.39E-05	0.00021658	27.2660518	36.1828662	7.71933864	58.3783464	147.456531	123.724465	Apol10b
ENSMUSG00000107304	17.79839495	4.153675241	4.44E-05	0.00021908	1.0486943	0	4.82458665	9.86676276	34.5885691	64.1534263	Gm43775
ENSMUSG00000008318	3.161204568	1.660474398	4.47E-05	0.00022011	49.2886321	45.2285828	27.0176853	74.0007207	175.673522	134.034837	Relt
ENSMUSG00000015452	3.026151714	1.597484318	4.55E-05	0.00022375	22.0225803	18.0914331	20.2632639	47.6893534	63.7157852	72.1726046	Ager
ENSMUSG00000055782	2.528705191	1.33839885	4.60E-05	0.00022608	514.908901	232.927201	255.703093	1147.8334	675.387323	713.706867	Abcd2
ENSMUSG00000085412	7.062466281	2.820172074	4.65E-05	0.0002284	8.3895544	2.26142914	2.89475199	32.066979	22.7556376	41.2414883	Halr1
ENSMUSG00000034773	10.38755792	3.376784616	4.68E-05	0.00022995	2.0973886	2.26142914	1.92983466	18.0890651	20.9351866	26.3487286	BC030867
ENSMUSG00000029134	0.397940034	-1.32937705	4.74E-05	0.00023236	91.2364041	163.953613	147.632352	62.4894975	54.6135302	42.3870852	Plb1
ENSMUSG00000104263	6.534854732	2.708155166	4.84E-05	0.00023682	5.2434715	1.13071457	8.68425597	35.3558999	27.3067651	37.8046976	9430062P05Rik
ENSMUSG00000049122	3.002245444	1.586041927	4.86E-05	0.00023757	19.9251917	18.0914331	19.2983466	59.2005766	65.5362362	46.9694728	Frmd3
ENSMUSG00000055368	2.427287279	1.279344867	4.95E-05	0.00024156	33.5582176	36.1828662	33.7721066	91.2675556	89.2020993	69.8814108	Slc6a2
ENSMUSG00000050395	4.686435434	2.228491007	5.07E-05	0.00024744	12.5843316	9.04571656	5.78950398	32.066979	59.1646577	36.6591007	Tnfsf15

ENSMUSG00000066361	2.566927909	1.360042779	5.08E-05	0.00024751	233.858829	107.417884	104.211072	438.248713	294.002837	411.269286	Serpina3c
ENSMUSG00000030528	2.893892689	1.533011425	5.10E-05	0.00024877	20.973886	33.9214371	23.1580159	88.8008649	58.2544322	77.900589	Blm
ENSMUSG00000034987	5.763830855	2.527027999	5.25E-05	0.00025558	9.4382487	6.78428742	1.92983466	37.8225906	34.5885691	30.9311162	Hrh2
ENSMUSG00000042828	24.37402534	4.607272625	5.26E-05	0.00025595	24.1199689	9.04571656	12.5439253	45.2226627	861.983551	207.353038	Trim72
ENSMUSG00000106777	5.468097943	2.451039084	5.32E-05	0.00025866	7.3408601	4.52285828	5.78950398	24.6669069	29.1272161	43.5326821	Gm43150
ENSMUSG00000033705	2.187935901	1.129570473	5.40E-05	0.00026236	623.973108	530.305133	528.774697	1814.66212	1061.32294	804.209022	Stard9
ENSMUSG00000058975	10.40399169	3.379065246	5.44E-05	0.00026384	14.6817202	2.26142914	4.82458665	19.7335255	164.750816	42.3870852	Kcnc1
ENSMUSG00000021569	4.630244199	2.211088283	5.46E-05	0.00026501	10.486943	5.65357285	16.4035946	32.8892092	50.0624027	69.8814108	Trip13
ENSMUSG00000024803	2.163594389	1.113430061	5.48E-05	0.00026568	190.862363	243.103633	213.24673	297.647343	492.431997	611.748743	Ankrd1
ENSMUSG00000095771	24.26280033	4.600674166	5.48E-05	0.00026577	1.0486943	0	1.92983466	19.7335255	44.6010496	10.3103721	Igkv14-111
ENSMUSG00000032725	2.348759918	1.231899254	5.55E-05	0.00026889	51.3860207	66.7121596	45.3511145	138.134679	147.456531	96.2301394	Folr2
ENSMUSG00000060467	0.331551918	-1.592693294	5.70E-05	0.00027624	57.6781865	67.8428742	50.1757012	14.8001441	20.9351866	22.911938	Gm10080
ENSMUSG00000030865	2.166591471	1.115427147	5.73E-05	0.00027728	278.952684	167.345756	250.878506	636.406198	520.648988	352.843844	Chp2
ENSMUSG00000022415	2.833920982	1.502799532	5.74E-05	0.00027773	47.1912435	24.8757205	24.1229333	76.4674114	100.124805	96.2301394	Syngr1
ENSMUSG00000025597	2.615105185	1.386868976	5.75E-05	0.000278	307.26743	180.914331	186.229045	854.297209	574.352292	333.368697	Klhl4
ENSMUSG00000085335	7.581403919	2.92246503	5.78E-05	0.00027947	5.2434715	3.39214371	3.85966932	14.8001441	33.6783436	46.9694728	Gm13684
ENSMUSG00000047197	14.97302682	3.904293989	5.82E-05	0.00028128	0	2.26142914	1.92983466	22.2002162	16.3840591	24.0575349	Gjd3
ENSMUSG00000005716	26.30859699	4.717462408	5.86E-05	0.00028274	1296.18615	281.547928	532.634366	2667.31487	43722.682	9131.55287	Pvalb
ENSMUSG00000044320	0.228928811	-2.127029054	5.88E-05	0.00028389	30.4121347	50.8821557	39.5616105	12.3334535	9.10225503	5.72798449	1700001O22Rik
ENSMUSG00000004837	2.000914955	1.00065985	5.94E-05	0.00028639	178.278031	152.646467	167.895615	236.802306	347.706142	415.851674	Grap
ENSMUSG00000089942	58.90089437	5.880217636	5.98E-05	0.00028814	1.0486943	0	0	24.6669069	35.4987946	5.72798449	Pira2
ENSMUSG00000030924	2.015797335	1.0113506	6.02E-05	0.00028954	68.1651295	68.9735888	71.4038824	161.157125	119.239541	139.762822	Rexo5
ENSMUSG00000021536	2.293071744	1.197281494	6.04E-05	0.00029028	80.7494611	84.8035928	69.4740478	240.091227	168.391718	128.306853	Adcy2
ENSMUSG00000053117	4.610642623	2.204967845	6.05E-05	0.00029086	8.3895544	4.52285828	10.6140906	35.3558999	30.9476671	43.5326821	E330013P04Rik
ENSMUSG00000050071	13.19696081	3.722133818	6.10E-05	0.00029301	4.1947772	2.26142914	0.96491733	8.2223023	49.1521772	40.0958914	Bex1
ENSMUSG00000080115	4.659321181	2.220119783	6.11E-05	0.00029384	6.2921658	9.04571656	11.579008	38.6448208	28.2169906	59.5710387	Mettl21b
ENSMUSG00000029314	2.329596149	1.220079875	6.14E-05	0.00029518	204.495388	122.117174	109.035658	319.84756	259.414268	436.472418	Gpat3
ENSMUSG00000017737	2.892034722	1.532084874	6.16E-05	0.00029565	62.921658	67.8428742	59.8248745	102.778779	286.721033	161.529163	Mmp9
ENSMUSG00000101445	0.341808686	-1.548739036	6.29E-05	0.00030198	58.7268808	106.28717	93.596981	35.3558999	20.9351866	32.0767131	Gm28932
ENSMUSG00000040584	2.563180003	1.357934798	6.30E-05	0.000302	207.641471	109.679313	146.667434	546.783103	403.229898	238.284155	Abcb1a
ENSMUSG00000103546	10.5620043	3.400811729	6.32E-05	0.00030268	4.1947772	2.26142914	1.92983466	11.5112232	28.2169906	49.2606666	Gm37666
ENSMUSG00000069874	2.580465521	1.367631354	6.32E-05	0.00030285	463.52288	772.278051	347.370239	845.252677	1946.06213	1292.2333	Irgm2
ENSMUSG00000093838	76.25559494	6.252771288	6.32E-05	0.00030285	0	0	0.96491733	68.2451091	4.55112752	12.6015659	Ighv3-1
ENSMUSG00000046207	2.126294303	1.088341296	6.44E-05	0.00030765	99.6259585	98.3721676	104.211072	147.179211	249.401788	247.44893	Pik3r6
ENSMUSG00000110453	0.169526087	-2.560420802	6.47E-05	0.00030918	20.973886	28.2678643	43.4212799	6.57784184	5.46135302	3.43679069	Gm32352
ENSMUSG00000025279	12.03391193	3.589033799	6.48E-05	0.00030957	3.1460829	7.91500199	0	20.5557558	81.9202953	27.4943255	Dnase1l3
ENSMUSG00000065080	17.15853024	4.100854076	6.48E-05	0.00030957	0	1.13071457	2.89475199	11.5112232	26.3965396	33.22231	Gm26497
ENSMUSG00000014782	30.69229167	4.939804465	6.58E-05	0.00031412	1.0486943	1.13071457	0	18.0890651	13.6533825	33.22231	Plekhg4
ENSMUSG00000075394	2.070311193	1.049847638	6.65E-05	0.00031692	99.6259585	154.907896	92.6320637	211.313169	233.927954	272.652062	Hoxc4
ENSMUSG00000050075	3.382727749	1.75818707	6.71E-05	0.00031949	16.7791088	23.745006	12.5439253	44.4004324	74.6384912	59.5710387	Gpr171
ENSMUSG00000030336	13.20904187	3.723453918	6.73E-05	0.00032025	2.0973886	3.39214371	0	18.0890651	33.6783436	18.3295504	Cd27
ENSMUSG00000026708	2.308494293	1.206952166	6.78E-05	0.00032282	37.7529948	35.0521517	42.4563625	95.3787067	77.3691678	93.9389456	Cenpl
ENSMUSG00000105689	8.852544132	3.146092131	6.79E-05	0.00032322	6.2921658	5.65357285	0	26.3113674	26.3965396	51.5518604	Gm43120
ENSMUSG00000020553	2.064720766	1.045946684	6.81E-05	0.00032361	103.820736	64.4507305	71.4038824	155.401514	169.301944	170.693938	Pctp
ENSMUSG00000019787	22.83605733	4.513241684	6.92E-05	0.00032872	252.735326	79.1500199	63.6845438	489.226987	6787.55158	1756.20004	Trdn
ENSMUSG00000024334	9.183725375	3.199079501	7.06E-05	0.0003345	2.0973886	4.52285828	1.92983466	18.9112953	40.0499221	18.3295504	H2-Oa
ENSMUSG00000035681	3.093839587	1.629398396	7.06E-05	0.0003345	42.9964663	26.0064351	22.1930986	124.156765	93.7532268	63.0078294	Kcnc2
ENSMUSG00000014837	3.777569925	1.917458461	7.09E-05	0.00033615	7.3408601	18.0914331	11.579008	51.8005045	44.6010496	42.3870852	4931428F04Rik
ENSMUSG00000027456	2.227314237	1.155305113	7.11E-05	0.00033665	40.8990777	53.1435848	43.4212799	88.8008649	112.867962	104.249318	Sdcbp2
ENSMUSG00000104388	3.967788381	1.988335083	7.11E-05	0.00033665	72.3599067	55.4050139	59.8248745	75.6451812	239.389307	430.744434	Gm37033
ENSMUSG00000029553	3.870969323	1.952694874	7.32E-05	0.0003461	12.5843316	13.5685748	14.47376	41.9337417	37.3192456	79.0461859	Tfec
ENSMUSG00000078783	29.82913467	4.898650221	7.58E-05	0.00035728	2.0973886	0	0	14.8001441	23.6658631	24.0575349	Gm9733
ENSMUSG00000089647	77.19222247	6.27038359	7.58E-05	0.00035728	0	1.13071457	0	1.64446046	32.7681181	52.6974573	Gm2245
ENSMUSG00000034551	4.187764836	2.06618043	7.75E-05	0.00036454	12.5843316	7.91500199	8.68425597	51.8005045	29.1272161	41.2414883	Hdx
ENSMUSG00000024044	2.049164058	1.035035492	7.77E-05	0.00036523	147.865896	142.470036	125.439253	367.536913	203.890513	279.525643	Epb41l3
ENSMUSG00000032221	3.908849882	1.96674418	7.87E-05	0.00036986	10.486943	13.5685748	11.579008	47.6893534	60.9851087	29.7855193	Mns1
ENSMUSG00000067201	2.272022785	1.183977303	7.92E-05	0.00037235	243.297078	123.247888	163.071029	467.026771	451.47185	284.108031	H2-M9
ENSMUSG00000037358	2.951266798	1.561334348	7.95E-05	0.00037352	69.2138238	46.3592974	48.2458665	240.091227	153.82811	88.2109611	4930578C19Rik
ENSMUSG00000096971	3.353851882	1.745818976	8.13E-05	0.00038142	22.0225803	12.4378603	14.47376	50.156044	69.1771382	44.678279	4930556M19Rik
ENSMUSG00000025475	10.38629092	3.376608635	8.17E-05	0.00038289	3.1460829	1.13071457	2.89475199	27.1335976	11.8329315	36.6591007	Adgra1
ENSMUSG00000032452	3.687607573	1.882685136	8.17E-05	0.00038289	15.7304145	14.6992894	13.5088426	68.2451091	31.8578926	61.8622325	Clstn2
ENSMUSG00000035365	4.205895557	2.072413025	8.22E-05	0.00038466	8.3895544	9.04571656	7.71933864	27.9558278	40.0499221	37.8046976	Parpbp
ENSMUSG00000048621	2.828573089	1.50007445	8.40E-05	0.00039278	17.8278031	21.4835768	24.1229333	50.156044	64.6260107	65.2990232	Gm6377
ENSMUSG00000104867	24.31042061	4.60350295	8.48E-05	0.00039615	1.0486943	2.26142914	0	7.40007207	23.6658631	46.9694728	Gm43728
ENSMUSG00000031789	4.972606779	2.314002351	8.58E-05	0.00040017	5.2434715	13.5685748	4.82458665	46.0448929	40.9601476	28.6399224	Cngb1
ENSMUSG00000049871	2.41864115	1.274196735	8.57E-05	0.00040017	44.0451606	65.5814451	34.7370239	99.4898579	119.239541	129.452449	Nlrc3
ENSMUSG00000045062	2.800786511	1.485832018	8.65E-05	0.00040301	27.2660518	15.830004	27.9826026	74.0007207	62.8055597	63.0078294	Pcdhb7
ENSMUSG00000026874	8.764714525	3.131707102	8.67E-05	0.00040423	3.1460829	9.04571656	0	35.3558999	26.3965396	42.3870852	Hc
ENSMUSG00000030000	6.191305339	2.630243611	8.68E-05	0.00040441	4.1947772	7.91500199	1.92983466	26.3113674	28.2169906	30.9311162	Add2
ENSMUSG00000039116	2.201666514	1.138595961	8.72E-05	0.00040573	267.417046	166.215042	228.685407	602.694759	545.225076	309.311162	Adgrg6
ENSMUSG00000040705	7.832155767	2.969409458	8.89E-05	0.00041347	13.6330259	14.6992894	8.68425597	21.377986	223.005248	44.678279	A930016O22Rik
ENSMUSG00000030889	0.405197186	-1.30330394	8.94E-05	0.00041557	89.1390155	80.2807345	74.2986344	38.6448208	24.5760886	35.5135038	Vwa3a
ENSMUSG00000073295	0.341447017	-1.550266363	9.00E-05	0.00041775	69.2138238	48.6207265	66.5792958	15.6223744	22.7556376	25.2031317	Nudt11
ENSMUSG00000025190	2.364562972	1.241573564	9.01E-05	0.0004182	290.488321	235.188631	233.509994	354.381229	904.76415	536.139348	Got1
ENSMUSG00000057948	2.18446667	1.127281094	9.05E-05	0.0004201	56.6294922	68.9735888	55.9652052	116.756693	166.571267	112.268496	Unc13d
ENSMUSG00000041449	28.09741769	4.81236564	9.20E-05	0.00042607	0	2.26142914	0	22.2002162	20.0249611	17.1839535	Serpina3h
ENSMUSG00000056966	3.24772482	1.699429398	9.27E-05	0.00042938	24.1199689	16.9607186	10.6140906	60.845037	54.6135302	51.5518604	Gjc3

ENSMUSG00000027514	9.94979496	3.314666796	9.35E-05	0.00043251	40.8990777	117.594315	19.2983466	247.491299	868.35513	650.699038	Zbp1
ENSMUSG00000026904	0.330503383	-1.597263055	9.45E-05	0.00043728	49.2886321	64.4507305	90.7022291	26.3113674	23.6658631	17.1839535	Slc4a10
ENSMUSG00000073834	6.184652251	2.628692478	9.54E-05	0.00044103	55.5807979	11.3071457	3.85966932	165.268276	159.289463	112.268496	Mup11
ENSMUSG00000107436	4.339648958	2.117578345	9.57E-05	0.00044203	15.7304145	19.2221477	18.3334293	28.7780581	86.4714228	116.850884	Gm44416
ENSMUSG00000054966	0.178059499	-2.489568691	9.59E-05	0.0004429	20.973886	44.0978682	25.0878506	5.75561161	4.55112752	5.72798449	Lmntd1
ENSMUSG00000078490	2.839805071	1.505791904	9.60E-05	0.00044298	26.2173575	21.4835768	33.7721066	101.956549	60.9851087	68.7358139	Cfap74
ENSMUSG00000017417	4.137728293	2.048838913	9.61E-05	0.00044342	30.4121347	28.2678643	6.75442131	68.2451091	75.5487168	126.015659	Plxdc1
ENSMUSG00000076555	34.16581458	5.094481619	9.65E-05	0.0004452	1.0486943	1.13071457	0	23.0224464	41.8703731	6.87358139	Igkv4-57-1
ENSMUSG00000049598	10.0658749	3.331400668	9.68E-05	0.00044589	1.0486943	5.65357285	1.92983466	13.1556837	43.6908241	28.6399224	Vsig8
ENSMUSG00000022747	2.075705131	1.053601513	9.73E-05	0.00044785	361.799533	288.332215	282.720778	488.404757	923.878886	523.537782	St3gal6
ENSMUSG00000053399	4.395109605	2.135899144	9.74E-05	0.0004486	22.0225803	5.65357285	7.71933864	49.3338138	58.2544322	48.1150697	Adamts18
ENSMUSG00000064246	11.36383986	3.506378501	9.76E-05	0.00044904	4.1947772	3.39214371	0.96491733	17.2668348	63.7157852	14.8927597	Chil1
ENSMUSG00000110350	2.886295915	1.529219219	9.79E-05	0.0004503	15.7304145	21.4835768	22.1930986	48.5115836	63.7157852	59.5710387	Gm10252
ENSMUSG00000086564	12.59497281	3.654776102	9.99E-05	0.00045895	3.1460829	1.13071457	0.96491733	12.3334535	31.8578926	21.7663411	Cd101
ENSMUSG00000037411	0.472672364	-1.08108758	0.00010233	0.00046985	7865.20725	14495.7608	16114.1194	4690.82346	5672.52533	7824.42681	Serpine1
ENSMUSG00000022225	2.73161283	1.449753015	0.00010429	0.00047805	104.86943	40.7057245	101.31632	168.557197	292.182386	215.372217	Cma1
ENSMUSG00000051596	0.210282486	-2.249599402	0.00010659	0.00048819	341.874342	58.7971577	88.7723944	40.2892813	28.2169906	34.3679069	Otop1
ENSMUSG00000037580	2.294727303	1.198322719	0.00010684	0.00048921	76.5546839	46.3592974	72.3687998	115.112232	182.045101	152.364387	Gch1
ENSMUSG00000021768	9.232513426	3.206723455	0.00010721	0.00049077	17.8278031	9.04571656	6.75442131	18.9112953	252.132464	38.9502945	Dusp13
ENSMUSG00000028834	19.05975811	4.252457905	0.00010811	0.00049473	23.0712746	5.65357285	9.6491733	44.4004324	548.865978	138.617225	Trim63
ENSMUSG00000032066	4.509103492	2.172840623	0.00010875	0.00049746	17.8278031	6.78428742	6.75442131	31.2447488	55.5237557	54.9886511	Bco2
ENSMUSG00000068129	28.33695745	4.824612959	0.00011032	0.00050414	0	1.13071457	0.96491733	17.2668348	29.1272161	12.6015659	Cst7
ENSMUSG00000034855	20.49418702	4.357142856	0.00011063	0.0005053	7.3408601	58.7971577	4.82458665	189.112953	647.170333	614.039937	Cxcl10
ENSMUSG00000078616	11.68784588	3.546937154	0.00011154	0.00050898	1.0486943	3.39214371	0.96491733	13.9779139	22.7556376	25.2031317	Trim30c
ENSMUSG00000070858	3.025810631	1.5973217	0.00011339	0.0005173	19.9251917	31.660008	17.3685119	53.444965	65.5362362	89.356558	Gm1673
ENSMUSG00000015467	2.160788261	1.111557707	0.00011381	0.0005188	98.5772642	82.5421636	52.1055358	158.690434	184.775777	159.237969	Egfl8
ENSMUSG00000106472	6.786624354	2.762694161	0.00011601	0.00052823	5.2434715	4.52285828	1.92983466	18.9112953	24.5760886	35.5135038	Gm43111
ENSMUSG00000007379	2.414301003	1.271605555	0.00011656	0.00053026	36.7043005	28.2678643	48.2458665	102.778779	91.0225503	80.1917828	Dennd2c
ENSMUSG00000025507	2.335239898	1.223570765	0.00011698	0.00053191	35.6556062	35.0521517	28.9475199	78.1118719	82.8305208	71.0270077	Pidd1
ENSMUSG00000020684	0.446651207	-1.162779436	0.00011813	0.00053667	795.958974	1094.5317	492.107838	342.047776	450.561624	270.360868	Rasl10b
ENSMUSG00000075224	5.108685834	2.352952218	0.00011962	0.00054283	3.1460829	18.0914331	7.71933864	38.6448208	41.8703731	66.4446201	Lrrc55
ENSMUSG00000020577	2.214494595	1.146977476	0.00012042	0.00054631	772.887699	343.737229	353.159743	1068.07707	1139.60233	1047.07556	Tspan13
ENSMUSG00000105655	3.265585292	1.70734159	0.00012585	0.00056873	45.0938549	58.7971577	30.8773546	72.3562603	141.084953	226.828186	Gm42659
ENSMUSG00000028370	2.662785527	1.412936232	0.00012642	0.00057116	37.7529948	22.6142914	53.0704532	117.578923	87.3816483	98.5213332	Pappa
ENSMUSG00000032656	2.114766922	1.080498666	0.00012686	0.00057281	89.1390155	53.1435848	70.4389651	172.668348	131.982698	145.490806	3-Mar
ENSMUSG00000027977	0.334339994	-1.580612155	0.00012723	0.00057434	46.1425492	73.4964471	71.4038824	27.9558278	18.2045101	17.1839535	Ndst3
ENSMUSG00000044770	3.884365515	1.957678963	0.00012904	0.00058188	19.9251917	7.91500199	10.6140906	37.0003604	64.6260107	48.1150697	Scml4
ENSMUSG00000035041	6.058150682	2.598877462	0.00012935	0.00058292	2.0973886	4.52285828	6.75442131	28.7780581	20.9351866	32.0767131	Creb3l3
ENSMUSG00000022012	3.79682774	1.924794546	0.00013091	0.00058978	12.5843316	10.1764311	29.9124372	54.2671952	56.4339812	91.6477518	Enox1
ENSMUSG00000109783	7.111993813	2.830254069	0.00013099	0.00059002	2.0973886	4.52285828	2.89475199	23.8446767	23.6658631	19.4751473	Gm45338
ENSMUSG00000020889	0.439148224	-1.187220125	0.00013288	0.00059786	2820.98767	4762.56977	7178.02002	1682.28305	2022.52107	2779.21807	Nr1d1
ENSMUSG00000085887	26.94298471	4.751837774	0.00013356	0.00060072	2.0973886	0	0	17.2668348	21.8454121	17.1839535	Arhgap27os3
ENSMUSG00000056569	2.652263494	1.40722411	0.00013437	0.00060383	422.623803	264.587209	213.24673	536.09411	1293.43044	557.905689	Mpz
ENSMUSG00000029379	282.2092227	8.140621326	0.00013469	0.00060481	0	0	0	4.93338138	120.149766	37.8046976	Cxcl3
ENSMUSG00000097131	0.416513518	-1.263564775	0.00013507	0.00060637	117.453762	106.28717	93.596981	56.7338859	45.5112752	28.6399224	D230017M19Rik
ENSMUSG00000038379	5.694092406	2.509465906	0.00013655	0.00061209	3.1460829	12.4378603	6.75442131	46.8671231	58.2544322	20.6207442	Ttk
ENSMUSG00000050350	7.552677511	2.916988187	0.00013657	0.00061209	2.0973886	4.52285828	2.89475199	18.0890651	33.6783436	19.4751473	Gpr18
ENSMUSG00000102297	6.844094005	2.774859576	0.00013731	0.00061522	13.6330259	3.39214371	3.85966932	18.0890651	55.5237557	69.8814108	5730585A16Rik
ENSMUSG00000042751	2.009414114	1.006774915	0.00013766	0.00061665	120.599844	104.02574	93.596981	197.335255	168.391718	274.943255	Nmnat2
ENSMUSG00000038943	2.226723849	1.154922651	0.00013909	0.00062269	73.408601	110.810028	68.5091305	203.913097	221.184797	135.180434	Prc1
ENSMUSG00000026387	3.306291104	1.725213753	0.00014012	0.00062661	24.1199689	11.3071457	15.4386773	46.0448929	50.9726282	72.1726046	Sctr
ENSMUSG00000055415	0.063725353	-3.971988736	0.000141	0.00063021	16.7791088	32.7907225	11.579008	0	1.82045101	2.2911938	Atp10b
ENSMUSG00000047497	8.473327869	3.082928694	0.00014197	0.00063435	60.8242694	46.3592974	50.1757012	879.786346	347.706142	105.394915	Adamts12
ENSMUSG00000104339	4.524006121	2.177600881	0.0001459	0.00065049	18.8764974	18.0914331	11.579008	27.1335976	73.7282657	119.142077	C130089K02Rik
ENSMUSG00000038765	12.56197678	3.650991603	0.0001479	0.00065907	4.1947772	1.13071457	0	28.7780581	15.4738336	21.7663411	Lmx1b
ENSMUSG00000062345	9.553498282	3.256029113	0.00014811	0.00065983	2.0973886	2.26142914	1.92983466	17.2668348	15.4738336	27.4943255	Serpinb2
ENSMUSG00000026873	0.476801346	-1.068539785	0.00014956	0.00066573	182.472808	185.43719	126.40417	78.1118719	94.6634523	61.8622325	Phf19
ENSMUSG00000092074	4.930562129	2.301752136	0.00015012	0.00066787	3.1460829	6.78428742	7.71933864	31.2447488	27.3067651	28.6399224	Dynlt1a
ENSMUSG00000086058	2.162335441	1.112590344	0.00015047	0.00066923	36.7043005	41.8364391	38.5966932	83.8674835	85.5611973	83.6285735	Unc45bos
ENSMUSG00000050700	4.362123076	2.125030476	0.00015106	0.00067147	6.2921658	11.3071457	8.68425597	46.0448929	23.6658631	44.678279	Emilin3
ENSMUSG00000026039	3.881623874	1.956660329	0.00015145	0.00067298	7.3408601	20.3528623	9.6491733	37.0003604	50.9726282	56.134248	Sgol2a
ENSMUSG00000039114	2.216991146	1.148603008	0.00015148	0.00067298	118.502456	81.4114491	59.8248745	225.291083	187.506454	161.529163	Nrn1
ENSMUSG00000026669	4.493557118	2.16785794	0.00015193	0.00067443	13.6330259	16.9607186	2.89475199	42.755972	50.0624027	56.134248	Mcm10
ENSMUSG00000107428	9.730044501	3.282446403	0.00015318	0.00067979	1.0486943	2.26142914	3.85966932	11.5112232	27.3067651	32.0767131	Gm44154
ENSMUSG00000095385	9.797907535	3.292473677	0.00015456	0.00068575	1.0486943	1.13071457	3.85966932	17.2668348	22.7556376	20.6207442	D630033O11Rik
ENSMUSG00000030159	3.717733551	1.894423376	0.00015513	0.00068789	9.4382487	11.3071457	11.579008	45.2226627	28.2169906	46.9694728	Clec1b
ENSMUSG00000022456	4.401399625	2.137962367	0.00015539	0.00068886	23.0712746	9.04571656	6.75442131	53.444965	79.1896188	37.8046976	3-Sep
ENSMUSG00000032735	2.200277917	1.137685762	0.00015554	0.00068931	317.754373	161.692184	146.667434	486.760296	395.948094	494.89786	Ablim3
ENSMUSG00000048216	7.720083213	2.948616398	0.00015594	0.00069072	6.2921658	3.39214371	0.96491733	30.4225185	34.5885691	16.0383566	Gpr85
ENSMUSG00000043051	3.958709186	1.985030088	0.00015685	0.0006944	11.5356373	10.1764311	5.78950398	39.4670511	30.9476671	37.8046976	Disc1
ENSMUSG00000031558	2.173840969	1.120246401	0.00015738	0.00069653	221.274497	234.057916	253.773258	777.829798	379.564035	382.629364	Slit2
ENSMUSG00000046761	3.297132249	1.721211755	0.0001586	0.00070154	17.8278031	13.5685748	14.47376	66.6006487	47.3317262	36.6591007	Fam83h
ENSMUSG00000024530	0.339942768	-1.556636215	0.00015865	0.0007016	72.3599067	123.247888	104.211072	31.2447488	20.0249611	51.5518604	Prelid3a
ENSMUSG00000097440	0.425688537	-1.232129852	0.00016021	0.00070813	72.3599067	73.4964471	69.4740478	35.3558999	27.3067651	28.6399224	Gm6277
ENSMUSG00000024210	3.729895942	1.899135382	0.00016094	0.00071111	33.5582176	22.6142914	26.0527679	46.0448929	173.853071	87.0653642	Ip6k3
ENSMUSG00000107225	6.072477856	2.602285324	0.00016098	0.00071111	10.486943	4.52285828	7.71933864	15.6223744	49.1521772	74.4637983	Gm43637
ENSMUSG00000010021	5.591795934	2.483311712	0.00016517	0.00072804	8.3895544	4.52285828	6.75442131	16.4446046	51.8828537	42.3870852	Kif19a

ENSMUSG00000091575	5.32218083	2.412017529	0.00016574	0.00073036	14.6817202	9.04571656	3.85966932	78.1118719	40.9601476	26.3487286	2010016I18Rik
ENSMUSG00000020333	6.451206216	2.689568934	0.0001667	0.0007344	12.5843316	4.52285828	9.6491733	30.4225185	117.41909	25.2031317	Acsl6
ENSMUSG00000027217	2.361544147	1.239730505	0.00016706	0.00073562	303.072653	132.293605	159.21136	611.739291	388.66629	403.250108	Tspan18
ENSMUSG00000067786	2.501470438	1.322776403	0.00016707	0.00073562	358.653451	160.561469	160.176277	499.91598	425.07531	775.5691	Nnat
ENSMUSG00000023940	3.234296884	1.693452114	0.00016827	0.00074072	16.7791088	10.1764311	13.5088426	42.755972	48.2419517	40.0958914	Sgo1
ENSMUSG00000020826	10.12098025	3.339277122	0.0001708	0.00075104	16.7791088	0	0.96491733	68.2451091	47.3317262	64.1534263	Nos2
ENSMUSG00000078452	10.5133722	3.394153588	0.00017107	0.00075202	1.0486943	2.26142914	1.92983466	20.5557558	18.2045101	16.0383566	Raet1d
ENSMUSG00000092486	2.057273891	1.040733877	0.00017163	0.0007543	58.7268808	67.8428742	68.5091305	108.53439	129.252021	164.965953	2610524H06Rik
ENSMUSG00000042333	2.921201691	1.546561971	0.00017236	0.00075728	31.460829	29.3985788	21.2281813	110.178851	76.4589423	51.5518604	Tnfrsf14
ENSMUSG00000007033	0.422086454	-1.244389566	0.00017587	0.00077207	79.7007668	84.8035928	104.211072	32.066979	49.1521772	32.0767131	Hspa1l
ENSMUSG00000030167	18.15114057	4.181988301	0.00017597	0.0007723	0	3.39214371	0	16.4446046	20.0249611	21.7663411	Klrc1
ENSMUSG00000082292	4.489296142	2.166489269	0.00017711	0.00077668	19.9251917	76.8885908	18.3334293	79.7563323	257.593817	177.567519	Gm12250
ENSMUSG00000001508	0.447407044	-1.160340125	0.00017783	0.00077942	682.699989	886.480223	719.828328	237.624537	536.122821	249.740124	Sgca
ENSMUSG00000085282	0.400331305	-1.32073366	0.00017926	0.00078528	76.5546839	84.8035928	111.93041	46.0448929	37.3192456	25.2031317	Gm15663
ENSMUSG00000102091	0.34581143	-1.531942542	0.00017968	0.00078689	160.450228	143.60075	80.0881384	65.7784184	37.3192456	28.6399224	Olfr1034
ENSMUSG00000043969	10.62584414	3.409505551	0.00018026	0.00078903	2.0973886	3.39214371	0.96491733	10.688993	22.7556376	34.3679069	Emx2
ENSMUSG00000034792	3.561562697	1.832510387	0.00018119	0.0007929	19.9251917	27.1371497	14.47376	37.0003604	99.2145798	82.4829766	Gna15
ENSMUSG00000006014	2.393420034	1.259073605	0.00018296	0.00079997	78.6520725	76.8885908	95.5268157	300.936264	154.738336	144.345209	Prg4
ENSMUSG00000030703	2.58772704	1.371685446	0.00018315	0.00080058	27.2660518	24.8757205	18.3334293	60.845037	59.1646577	61.8622325	Gdpd3
ENSMUSG00000042106	2.108242234	1.07604064	0.00018646	0.00081353	54.5321036	45.2285828	45.3511145	87.9786346	101.945256	116.850884	Fam212a
ENSMUSG00000075707	11.40785792	3.511956014	0.00018869	0.00082224	0	3.39214371	1.92983466	14.8001441	24.5760886	20.6207442	Dio3
ENSMUSG00000105224	3.978699938	1.992297099	0.00019124	0.00083283	20.973886	23.745006	19.2983466	34.5336697	75.5487168	145.490806	Gm3364
ENSMUSG00000068428	0.086717724	-3.527529293	0.00019563	0.00085082	47.1912435	21.4835768	27.0176853	0	0.9102255	8.01917828	Gmnc
ENSMUSG00000004791	2.061608598	1.043770459	0.00019758	0.0008586	188.764974	345.998658	220.966069	447.293245	435.998016	674.756573	Pgf
ENSMUSG00000067616	0.378842021	-1.400331733	0.00019866	0.00086308	85.9929326	74.6271616	50.1757012	25.4891371	30.0374416	24.0575349	Klk11
ENSMUSG00000059974	2.479565013	1.310087053	0.0001997	0.00086666	32.5095233	23.745006	27.9826026	60.0228068	67.3566872	82.4829766	Ntm
ENSMUSG00000026994	17.83837257	4.156912097	0.00020067	0.0008704	0	2.26142914	0.96491733	16.4446046	28.2169906	11.455969	Galnt3
ENSMUSG00000059674	3.432385971	1.779211793	0.00020323	0.00088033	13.6330259	14.6992894	9.6491733	50.9782743	31.8578926	46.9694728	Cdh24
ENSMUSG00000107091	3.196935993	1.67668986	0.00020528	0.00088873	70.2625181	59.9278722	76.2284691	99.4898579	168.391718	394.085333	Gm43343
ENSMUSG00000103882	3.851786095	1.945527587	0.00020785	0.00089867	40.8990777	40.7057245	24.1229333	43.5782022	161.109914	202.770651	Gm37452
ENSMUSG00000002797	2.089380509	1.063075253	0.0002091	0.0009036	87.0416269	105.156455	104.211072	138.134679	233.927954	248.594527	Ggct
ENSMUSG00000079225	0.349786449	-1.515453695	0.00021241	0.00091692	51.3860207	61.0585868	46.3160319	13.9779139	19.1147356	22.911938	Gm9531
ENSMUSG00000000673	4.516157436	2.17509578	0.00021356	0.00092115	9.4382487	5.65357285	5.78950398	27.9558278	40.9601476	25.2031317	Haao
ENSMUSG00000083822	14.17507862	3.825284832	0.00021557	0.00092884	3.1460829	0	1.92983466	7.40007207	37.3192456	28.6399224	Hmgb1-ps5
ENSMUSG00000034768	7.561811311	2.91873185	0.00021654	0.00093253	14.6817202	12.4378603	5.78950398	20.5557558	192.967807	34.3679069	Asb16
ENSMUSG00000038267	2.297872208	1.200298568	0.00021674	0.00093315	102.772041	54.2742994	52.1055358	166.912737	137.444051	176.421922	Slc22a23
ENSMUSG00000051043	2.129682512	1.090638373	0.00021849	0.00093995	153.109368	324.515082	183.334293	411.115115	566.160263	428.45324	Gprc5c
ENSMUSG00000029348	3.170814219	1.664853351	0.00021904	0.00094159	15.7304145	23.745006	10.6140906	47.6893534	47.3317262	63.0078294	Asphd2
ENSMUSG00000022340	2.755818965	1.462481118	0.00021926	0.0009422	34.6069119	15.830004	27.9826026	84.6897137	70.9975892	60.7166356	Sybu
ENSMUSG00000097636	13.27954923	3.731134271	0.00022016	0.00094539	0	6.78428742	0	24.6669069	40.0499221	21.7663411	Mirt1
ENSMUSG00000109625	5.524151756	2.465752953	0.00022666	0.00097174	6.2921658	4.52285828	6.75442131	15.6223744	35.4987946	46.9694728	3110080E11Rik
ENSMUSG00000044309	10.53106395	3.396579294	0.00022741	0.0009747	2.0973886	2.26142914	0.96491733	19.7335255	22.7556376	12.6015659	Apol7c
ENSMUSG00000005763	3.534752454	1.821609184	0.00022843	0.00097882	25.1686632	12.4378603	10.6140906	55.0894254	74.6384912	40.0958914	Cd247
ENSMUSG00000030268	2.706899879	1.436641527	0.00022983	0.00098411	50.3373264	57.6664431	86.8425597	120.867844	132.892923	276.088852	Bcat1
ENSMUSG00000052248	2.287209273	1.193588374	0.00023142	0.00099008	79.7007668	49.7514411	75.2635518	108.53439	164.750816	197.042666	Zeb2os
ENSMUSG00000104835	14.31345756	3.839300306	0.00023345	0.00099796	0	0	4.82458665	13.9779139	30.9476671	27.4943255	Gm5547
ENSMUSG00000045776	6.688290574	2.741637527	0.00023838	0.00101799	28.3147461	9.04571656	2.89475199	35.3558999	165.661042	67.590217	Lrtm1
ENSMUSG00000031891	5.511885758	2.462545986	0.00023938	0.00102146	11.5356373	2.26142914	4.82458665	37.0003604	22.7556376	43.5326821	Hsd11b2
ENSMUSG00000078921	3.67627563	1.878244937	0.00023997	0.00102369	78.6520725	161.692184	57.8950398	213.77986	692.681608	187.877891	Tgtp2
ENSMUSG00000031637	6.187004116	2.629240994	0.00024162	0.00102965	8.3895544	3.39214371	13.5088426	27.1335976	101.945256	28.6399224	Lrp2bp
ENSMUSG00000031250	3.172585891	1.665659222	0.00025076	0.00106665	42.9964663	40.7057245	55.0002878	198.979716	57.3442067	184.441101	Tnmd
ENSMUSG00000083907	0.228058401	-2.132524776	0.00025073	0.00106665	23.0712746	40.7057245	57.8950398	13.1556837	6.37157852	8.01917828	Plk-ps1
ENSMUSG00000079445	5.365876418	2.423813828	0.00025663	0.00108963	4.1947772	5.65357285	6.75442131	17.2668348	29.1272161	43.5326821	B3gnt7
ENSMUSG00000046463	10.25858205	3.358759429	0.00025816	0.00109558	3.1460829	3.39214371	0	30.4225185	20.9351866	13.7471628	5930403N24Rik
ENSMUSG00000024304	2.166424644	1.115316055	0.00025863	0.00109727	113.258984	84.8035928	66.5792958	224.468853	136.533825	211.935426	Cdh2
ENSMUSG00000102243	5.132826294	2.359753438	0.00026565	0.00112502	10.486943	7.91500199	7.71933864	16.4446046	47.3317262	71.0270077	Gm37718
ENSMUSG00000040658	5.966525487	2.576891045	0.00026658	0.00112866	5.2434715	5.65357285	2.89475199	16.4446046	40.0499221	25.2031317	Dnph1
ENSMUSG00000036295	3.99281359	1.997405719	0.00027116	0.00114685	10.486943	5.65357285	9.6491733	40.2892813	25.4863141	37.8046976	Lrrn3
ENSMUSG00000027173	3.034825733	1.601613676	0.00027129	0.00114713	14.6817202	11.3071457	15.4386773	41.9337417	41.8703731	42.3870852	Depdc7
ENSMUSG00000000223	2.499301767	1.321525103	0.00027584	0.00116543	83.895544	74.6271616	52.1055358	161.157125	254.863141	108.831705	Drp2
ENSMUSG00000044867	4.18251815	2.064371801	0.00027855	0.00117627	9.4382487	6.78428742	5.78950398	27.1335976	27.3067651	37.8046976	Gimap1os
ENSMUSG00000036944	3.19516285	1.675889464	0.00027982	0.00118101	32.5095233	11.3071457	27.9826026	78.9341021	98.3043543	52.6974573	Tmem71
ENSMUSG00000062545	20.28573224	4.342393475	0.00028222	0.00119052	0	3.39214371	0	8.2223023	30.9476671	26.3487286	Tlr12
ENSMUSG00000055612	2.446220188	1.290554269	0.00028282	0.00119247	33.5582176	30.5292934	27.9826026	64.9561882	63.7157852	97.3757363	Cdca7
ENSMUSG00000103409	0.309886931	-1.69018618	0.00028407	0.00119677	72.3599067	102.895026	146.667434	25.4891371	55.5237557	18.3295504	Lsmem2
ENSMUSG00000074570	4.26388363	2.092168065	0.00028681	0.00120692	7.3408601	4.52285828	15.4386773	29.6002883	42.7805986	45.8238759	Cass4
ENSMUSG00000027324	0.407678082	-1.294497699	0.00028924	0.00121606	77.6033782	73.4964471	79.1232211	37.0003604	36.4090201	19.4751473	Rpusd2
ENSMUSG00000103195	4.159655118	2.056463918	0.00028976	0.00121793	8.3895544	12.4378603	9.6491733	24.6669069	37.3192456	65.2990232	Gm37644
ENSMUSG00000026893	2.885447519	1.528795091	0.00029321	0.00123162	25.1686632	11.3071457	28.9475199	68.2451091	60.9851087	60.7166356	Gca
ENSMUSG00000099041	0.423427863	-1.239811888	0.00029324	0.00123162	106.966819	114.202172	88.7723944	60.845037	38.2294711	30.9311162	Gm28035
ENSMUSG00000104350	11.92357053	3.575744413	0.00029588	0.00124204	4.1947772	1.13071457	0	27.1335976	22.7556376	12.6015659	Gm38244
ENSMUSG00000078607	0.400887314	-1.318731329	0.00029887	0.00125427	66.0677409	64.4507305	71.4038824	18.9112953	32.7681181	29.7855193	1810010H24Rik
ENSMUSG00000061780	2.027451901	1.019667689	0.0003013	0.00126352	23075.4694	11748.1244	12134.8003	32987.0546	23511.1247	38708.5736	Cfd
ENSMUSG00000081723	8.900498013	3.153886062	0.00030165	0.00126467	3.1460829	2.26142914	2.89475199	18.9112953	44.6010496	10.3103721	Gm15931
ENSMUSG00000051906	2.432659769	1.28253456	0.00030206	0.00126573	88.0903212	40.7057245	48.2458665	114.290002	174.763297	142.054015	Cd209f
ENSMUSG00000037572	2.376283776	1.248707133	0.00030335	0.0012708	42.9964663	52.0128702	47.2809492	114.290002	149.276982	73.3182014	Wdhd1
ENSMUSG00000086801	0.204723199	-2.288253499	0.00030951	0.00129464	28.3147461	52.0128702	30.8773546	3.28892092	6.37157852	13.7471628	Gm15943

ENSMUSG00000074277	3.130847349	1.646553169	0.00031444	0.0013142	28.3147461	18.0914331	10.6140906	64.9561882	65.5362362	46.9694728	Phldb3
ENSMUSG00000037224	0.499315509	-1.001976375	0.00031541	0.00131794	119.55115	111.940742	128.334005	69.0673393	45.5112752	65.2990232	Zfyve28
ENSMUSG00000097124	3.186391228	1.671923413	0.00031945	0.00133411	156.255451	105.156455	65.6143785	564.049938	338.603887	137.471628	A530020G20Rik
ENSMUSG00000086765	0.26967633	-1.890699196	0.00032075	0.00133919	117.453762	71.2350179	30.8773546	16.4446046	20.0249611	22.911938	Gm11827
ENSMUSG00000007021	0.376975384	-1.407457775	0.00032222	0.00134431	50.3373264	48.6207265	52.1055358	22.2002162	17.2942846	17.1839535	Syngr3
ENSMUSG00000020793	2.618620811	1.388807166	0.00032407	0.00135133	17.8278031	35.0521517	23.1580159	58.3783464	69.1771382	71.0270077	Galr2
ENSMUSG00000028755	2.606861064	1.382313695	0.00032441	0.00135243	40.8990777	30.5292934	24.1229333	61.6672673	109.22706	77.900589	Cda
ENSMUSG00000036902	4.182876136	2.064495277	0.0003264	0.00135967	16.7791088	5.65357285	6.75442131	41.1115115	50.9726282	29.7855193	Neto2
ENSMUSG00000062713	13.42864661	3.747242007	0.00032741	0.00136213	3.1460829	1.13071457	2.89475199	6.57784184	75.5487168	14.8927597	Sim2
ENSMUSG00000074782	2.269406084	1.182314786	0.00032947	0.00136945	32.5095233	53.1435848	37.6317759	109.356621	81.0100698	88.2109611	4833422C13Rik
ENSMUSG00000038459	2.024423468	1.017511104	0.00033434	0.00138813	163.596311	134.555034	132.193674	201.446406	273.067651	398.66772	Abhd17c
ENSMUSG00000042489	2.81316714	1.492195271	0.00033724	0.0013984	31.460829	29.3985788	21.2281813	79.7563323	102.855482	46.9694728	Clspn
ENSMUSG00000109675	7.01711181	2.81087735	0.00033724	0.0013984	2.0973886	3.39214371	2.89475199	19.7335255	22.7556376	16.0383566	Nxpe1-ps
ENSMUSG00000072845	5.39985147	2.432919725	0.00033771	0.00139963	9.4382487	4.52285828	2.89475199	33.7114394	38.2294711	18.3295504	Tmprss11a
ENSMUSG00000022941	2.793373132	1.482008298	0.00033785	0.00139987	20.973886	18.0914331	24.1229333	41.1115115	65.5362362	71.0270077	Ripply3
ENSMUSG00000025723	2.360992996	1.239393762	0.00034221	0.0014154	62.921658	39.57501	33.7721066	92.912016	96.4839033	132.88924	Nmb
ENSMUSG00000019936	6.314337511	2.658631377	0.00034302	0.00141802	2.0973886	2.26142914	9.6491733	41.9337417	22.7556376	25.2031317	Epyc
ENSMUSG00000058794	4.947147994	2.306597058	0.00034437	0.00142326	7.3408601	4.52285828	4.82458665	21.377986	38.2294711	22.911938	Nfe2
ENSMUSG00000007908	3.152681495	1.656579427	0.00034767	0.00143545	8.3895544	15.830004	19.2983466	47.6893534	47.3317262	42.3870852	Hmgcll1
ENSMUSG00000031872	2.307182616	1.206132199	0.00035014	0.00144487	32.5095233	45.2285828	46.3160319	70.7117998	101.945256	114.55969	Bean1
ENSMUSG00000050711	6.395957788	2.677160417	0.00035519	0.00146463	5.2434715	2.26142914	2.89475199	27.1335976	15.4738336	24.0575349	Scg2
ENSMUSG00000022586	8.68826541	3.119068175	0.00035704	0.00147112	1.0486943	10.1764311	2.89475199	13.1556837	74.6384912	33.22231	Ly6i
ENSMUSG00000021965	3.446714717	1.785221892	0.00035854	0.00147657	9.4382487	11.3071457	10.6140906	33.7114394	30.0374416	44.678279	Ska3
ENSMUSG00000041046	6.363843268	2.669898305	0.00036007	0.00148194	3.1460829	2.26142914	6.75442131	14.8001441	36.4090201	27.4943255	Ramp3
ENSMUSG00000107451	0.373467023	-1.420947235	0.00036012	0.00148194	63.9703523	54.2742994	54.0353705	14.8001441	22.7556376	27.4943255	Gm44421
ENSMUSG00000108298	2.568044655	1.360670289	0.0003613	0.00148641	21.4835768	19.2983466	61.6672673	57.3442067	46.9694728	Gm44226
ENSMUSG00000046591	7.006539679	2.808702116	0.00036257	0.00149054	3.1460829	1.13071457	6.75442131	26.3113674	37.3192456	14.8927597	Ticrr
ENSMUSG00000060275	5.079423265	2.344664698	0.00037112	0.0015253	4.1947772	4.52285828	5.78950398	21.377986	31.8578926	20.6207442	Nrg2
ENSMUSG00000044365	0.463943364	-1.107979395	0.00037211	0.00152782	75.5059896	98.3721676	95.5268157	43.5782022	33.6783436	48.1150697	Cxxc4
ENSMUSG00000078606	3.301866237	1.723281676	0.00038212	0.00156536	26.2173575	29.3985788	26.0527679	83.8674835	144.725855	40.0958914	Gm4070
ENSMUSG00000097216	0.342669956	-1.54510839	0.00038724	0.00158554	106.966819	71.2350179	86.8425597	31.2447488	14.563608	45.8238759	4932441J04Rik
ENSMUSG00000093561	3.556503577	1.830459615	0.00039114	0.00159951	22.0225803	13.5685748	20.2632639	31.2447488	69.1771382	99.6669301	NA
ENSMUSG00000086567	0.499516484	-1.001395806	0.00039407	0.00161067	1235.36189	1571.69325	1513.95529	407.826194	802.818894	949.699828	Gm2830
ENSMUSG00000097350	0.447374949	-1.160443621	0.00039506	0.00161431	60.8242694	84.8035928	77.1933864	32.8892092	34.5885691	32.0767131	4732491K20Rik
ENSMUSG00000071392	0.401474622	-1.316619298	0.00039566	0.00161621	50.3373264	59.9278722	55.0002878	24.6669069	21.8454121	19.4751473	Ect2l
ENSMUSG00000028348	33.24942275	5.055257389	0.0003966	0.00161941	10.486943	0	4.82458665	32.066979	364.090201	114.55969	Cavin4
ENSMUSG00000025479	2.188671668	1.130055546	0.00040184	0.00163834	5954.48623	3273.41868	2709.48786	11797.3593	5747.16383	8581.66636	Cyp2e1
ENSMUSG00000020098	3.319485017	1.73095944	0.00040319	0.00164248	20.973886	14.6992894	9.6491733	42.755972	39.1396966	68.7358139	Pcbd1
ENSMUSG00000057777	4.638103506	2.213535016	0.00040567	0.00165146	9.4382487	4.52285828	3.85966932	27.1335976	24.5760886	30.9311162	Mab21l2
ENSMUSG00000017309	2.414618559	1.271795303	0.00040742	0.00165777	536.931481	210.31291	181.404458	797.563323	736.372432	707.978883	Cd300lg
ENSMUSG00000038732	2.017433155	1.012520872	0.00041048	0.00166939	40.8990777	49.7514411	55.0002878	105.245469	100.124805	88.2109611	Mboat1
ENSMUSG00000027221	2.236167289	1.161028121	0.00041148	0.00167291	377.529948	185.43719	179.474623	531.160729	405.960574	724.017239	Chst1
ENSMUSG00000031562	3.247115668	1.699158777	0.00041156	0.00167291	11.5356373	9.04571656	12.5439253	37.8225906	34.5885691	35.5135038	Dctd
ENSMUSG00000104154	6.85940865	2.778084207	0.00041226	0.00167537	5.2434715	3.39214371	4.82458665	9.86676276	31.8578926	51.5518604	Gm38104
ENSMUSG00000044006	0.419369067	-1.253707645	0.000413	0.00167793	101.723347	132.293605	156.316608	77.2896417	35.4987946	50.4062635	Cilp2
ENSMUSG00000022887	4.850155565	2.278031021	0.00041345	0.0016785	24.1199689	16.9607186	10.6140906	157.045974	68.2669127	24.0575349	Masp1
ENSMUSG00000028396	8.198575697	3.035373298	0.00041341	0.0016785	25.1686632	5.65357285	4.82458665	25.4891371	232.107503	34.3679069	2310002L09Rik
ENSMUSG00000021898	5.182346744	2.373605547	0.00041842	0.00169658	20.973886	14.6992894	20.2632639	33.7114394	213.902993	42.3870852	Asb14
ENSMUSG00000040328	6.801442846	2.76584083	0.00042042	0.00170429	4.1947772	9.04571656	0.96491733	16.4446046	46.4215007	32.0767131	Olfr56
ENSMUSG00000033107	3.06758086	1.617101373	0.00042658	0.00172667	68.1651295	33.9214371	44.3861972	254.069141	107.406609	87.0653642	Rnf125
ENSMUSG00000030470	34.3156312	5.100793987	0.00042952	0.00173726	1.0486943	0	0.96491733	1.64446046	37.3192456	32.0767131	Csrp3
ENSMUSG00000107894	7.129415151	2.833783733	0.00042972	0.0017375	3.1460829	4.52285828	2.89475199	9.86676276	35.4987946	29.7855193	Gm10388
ENSMUSG00000028351	4.377085269	2.129970489	0.00043066	0.00174059	9.4382487	11.3071457	2.89475199	37.0003604	26.3965396	38.9502945	Brinp1
ENSMUSG00000091089	5.9166608	2.564783188	0.00044235	0.00178562	9.4382487	7.91500199	10.6140906	44.4004324	108.316835	12.6015659	NA
ENSMUSG00000034917	7.824094795	2.96792385	0.00044415	0.00179199	4.1947772	2.26142914	0.96491733	14.8001441	20.0249611	22.911938	Tjp3
ENSMUSG00000048489	2.196346264	1.13510552	0.00044613	0.00179822	204.495388	120.986459	99.386485	232.691155	295.823288	405.541302	8430408G22Rik
ENSMUSG00000027635	2.042002575	1.029984686	0.00045632	0.00183744	61.8729637	58.7971577	54.0353705	150.468132	96.4839033	108.831705	Dsn1
ENSMUSG00000021213	3.077878175	1.62193613	0.00045722	0.00184063	31.460829	16.9607186	17.3685119	44.4004324	62.8055597	96.2301394	Akr1c13
ENSMUSG00000053164	0.478098628	-1.064619831	0.00046214	0.00185951	113.258984	151.515752	133.158592	79.7563323	65.5362362	43.5326821	Gpr21
ENSMUSG00000041957	2.097356455	1.068572075	0.00046361	0.00186495	47.1912435	45.2285828	40.5265279	93.7342463	75.5487168	109.977302	Pkp2
ENSMUSG00000030553	0.342069238	-1.547639724	0.00046934	0.00188524	72.3599067	119.855744	86.8425597	24.6669069	51.8828537	18.3295504	Pgpep1l
ENSMUSG00000026546	4.046454187	2.016658262	0.00047216	0.00189608	6.2921658	9.04571656	9.6491733	43.5782022	20.9351866	36.6591007	Cfap45
ENSMUSG00000044288	3.269793852	1.709199682	0.00047305	0.00189828	19.9251917	13.5685748	21.2281813	84.6897137	32.7681181	61.8622325	Cnr1
ENSMUSG00000090066	14.22180367	3.83003254	0.00047345	0.00189939	54.5321036	13.5685748	18.3334293	83.8674835	943.903847	201.625054	1110002E22Rik
ENSMUSG00000074912	3.195439796	1.676014506	0.00047715	0.00191237	16.7791088	11.3071457	10.6140906	42.755972	31.8578926	49.2606666	Gm14207
ENSMUSG00000038473	0.460565392	-1.118522087	0.00047889	0.00191838	180.37542	124.378603	112.895328	78.9341021	66.4464617	45.8238759	Nos1ap
ENSMUSG00000008658	9.171649308	3.197181192	0.00048194	0.00193012	65.0190466	29.3985788	24.1229333	106.88993	781.883707	198.188263	Rbfox1
ENSMUSG00000031448	7.542660193	2.915073432	0.00048523	0.00194234	13.6330259	2.26142914	3.85966932	13.1556837	93.7532268	42.3870852	Adprhl1
ENSMUSG00000087365	4.854094866	2.279202304	0.0004889	0.00195562	4.1947772	11.3071457	8.68425597	38.6448208	18.2045101	60.7166356	C430049B03Rik
ENSMUSG00000036960	8.444443325	3.078002321	0.00048994	0.0019588	1.0486943	1.13071457	4.82458665	27.9558278	16.3840591	16.0383566	Clca2
ENSMUSG00000095677	2.147706542	1.10279688	0.00049437	0.00197411	48.2399378	33.9214371	39.5616105	88.8008649	73.7282657	99.6669301	Dynlt1f
ENSMUSG00000025128	6.871827223	2.780693764	0.0004945	0.00197411	6.2921658	0	5.78950398	36.1781301	17.2942846	30.9311162	Bhlhe22
ENSMUSG00000106054	11.53757311	3.528267885	0.0004955	0.00197716	3.1460829	2.26142914	0.96491733	5.75561161	21.8454121	45.8238759	Gm43623
ENSMUSG00000031445	0.390236394	-1.357579763	0.00049666	0.00198128	62.921658	68.9735888	65.6143785	16.4446046	34.5885691	26.3487286	Proz
ENSMUSG00000024301	2.668683219	1.416128063	0.00049706	0.00198242	17.8278031	18.0914331	20.2632639	49.3338138	59.1646577	41.2414883	Kifc5b
ENSMUSG00000097467	9.026353585	3.174143294	0.00050405	0.00200538	3.1460829	0	2.89475199	16.4446046	15.4738336	24.0575349	Gm26737
ENSMUSG00000084843	0.360209309	-1.473092627	0.00050613	0.00201268	109.064207	125.509317	110.965493	22.2002162	70.0873637	32.0767131	B230312C02Rik

ENSMUSG00000111065	0.18784354	-2.412396593	0.00051324	0.00203945	22.0225803	37.3135808	18.3334293	3.28892092	3.64090201	8.01917828	Gm47676
ENSMUSG00000032113	2.51754188	1.332015778	0.00051374	0.00204092	22.0225803	26.0064351	17.3685119	50.9782743	59.1646577	53.8430542	Chek1
ENSMUSG00000030428	2.11785966	1.082606993	0.00051454	0.00204264	46.1425492	50.8821557	35.7019412	78.1118719	107.406609	95.0845425	Ttyh1
ENSMUSG00000097791	0.313625508	-1.672885191	0.00051708	0.00205169	47.1912435	39.57501	50.1757012	18.0890651	17.2942846	6.87358139	Gm17315
ENSMUSG00000064357	0.480860976	-1.056308245	0.00051915	0.0020594	207.641471	137.947178	112.895328	65.7784184	73.7282657	81.3373797	mt-Atp6
ENSMUSG00000070385	18.54142409	4.212680151	0.00052451	0.00207762	62.921658	19.2221477	34.7370239	106.0677	1845.02709	216.517814	Ampd1
ENSMUSG00000033029	0.397434341	-1.331211557	0.00053171	0.00210462	73.408601	79.1500199	45.3511145	23.8446767	27.3067651	27.4943255	1700088E04Rik
ENSMUSG00000029828	0.398858682	-1.326050413	0.00053223	0.00210618	54.5321036	58.7971577	56.9301225	16.4446046	24.5760886	27.4943255	4921507P07Rik
ENSMUSG00000057913	0.069040274	-3.856417992	0.00053599	0.00212054	135.281565	13.5685748	9.6491733	7.40007207	0	3.43679069	Gm10032
ENSMUSG00000033208	2.009929342	1.007144785	0.00053904	0.00213055	376.481254	172.999329	195.878218	471.960152	490.611546	536.139348	S100b
ENSMUSG00000110439	2.966256148	1.568643186	0.00054719	0.00215855	23.0712746	21.4835768	11.579008	72.3562603	43.6908241	49.2606666	Gm21320
ENSMUSG00000102277	5.95576904	2.574287808	0.00055701	0.00219463	10.486943	7.91500199	5.78950398	11.5112232	43.6908241	89.356558	A130050O07Rik
ENSMUSG00000074796	2.766534773	1.468080057	0.0005646	0.0022224	16.7791088	28.2678643	14.47376	60.0228068	57.3442067	45.8238759	Slc4a11
ENSMUSG00000024245	6.981946681	2.803629339	0.00056704	0.00223072	7.3408601	4.52285828	0	20.5557558	33.6783436	27.4943255	Tmem178
ENSMUSG00000041774	2.55519354	1.35343257	0.00057016	0.00224105	29.3634404	18.0914331	25.0878506	56.7338859	51.8828537	77.900589	Ydjc
ENSMUSG00000044156	6.714913587	2.747368834	0.00057198	0.00224656	5.2434715	2.26142914	1.92983466	29.6002883	17.2942846	16.0383566	Hepacam2
ENSMUSG00000096991	2.870177806	1.521140114	0.00057198	0.00224656	35.6556062	24.8757205	37.6317759	49.3338138	95.5736778	138.617225	Gm26789
ENSMUSG00000045868	3.094034316	1.629489198	0.00058223	0.00228407	29.3634404	41.8364391	22.1930986	93.7342463	146.546306	46.9694728	Gvin1
ENSMUSG00000030041	5.097722415	2.349852817	0.00058373	0.00228869	8.3895544	1.13071457	16.4035946	30.4225185	50.0624027	53.8430542	M1ap
ENSMUSG00000101655	5.111560757	2.353763869	0.00058383	0.00228869	25.1686632	26.0064351	20.2632639	32.066979	277.618778	54.9886511	2310040G24Rik
ENSMUSG00000036913	0.222923947	-2.165376491	0.00058679	0.00229865	74.4572953	48.6207265	23.1580159	16.4446046	4.55112752	11.455969	Trim67
ENSMUSG00000103881	11.94755108	3.57864303	0.00059529	0.00233026	2.0973886	3.39214371	0	12.3334535	11.8329315	40.0958914	Gm10748
ENSMUSG00000063296	0.326214271	-1.616108198	0.00059582	0.00233176	114.307679	118.72503	137.983178	15.6223744	70.0873637	35.5135038	Tmem117
ENSMUSG00000110697	4.415078131	2.142438969	0.00059702	0.00233574	4.1947772	9.04571656	6.75442131	18.9112953	32.7681181	36.6591007	Gm31718
ENSMUSG00000074604	2.680991239	1.422766505	0.00059979	0.00234447	38.8016891	16.9607186	24.1229333	71.53403	56.4339812	87.0653642	Mgst2
ENSMUSG00000037922	3.340591426	1.740103543	0.00060087	0.00234813	25.1686632	15.830004	6.75442131	45.2226627	56.4339812	57.2798449	Bank1
ENSMUSG00000033847	3.039946653	1.604046007	0.00060209	0.00235178	13.6330259	12.4378603	21.2281813	42.755972	63.7157852	37.8046976	Pla2g4c
ENSMUSG00000037628	3.459293201	1.790477298	0.00060351	0.00235675	10.486943	7.91500199	8.68425597	27.9558278	32.7681181	33.22231	Cdkn3
ENSMUSG00000109873	3.839755214	1.941014342	0.00060585	0.00236306	9.4382487	12.4378603	11.579008	20.5557558	50.0624027	58.4254418	Gm45407
ENSMUSG00000038738	0.496388431	-1.010458603	0.00061054	0.0023791	253.784021	385.573668	235.439829	189.112953	105.586158	138.617225	Shank1
ENSMUSG00000061576	8.533497806	3.093137211	0.00061356	0.00238916	2.0973886	0	4.82458665	17.2668348	16.3840591	27.4943255	Dpp6
ENSMUSG00000108195	4.67879319	2.226136461	0.0006135	0.00238916	6.2921658	3.39214371	5.78950398	19.7335255	29.1272161	24.0575349	Gm44415
ENSMUSG00000050106	2.333701701	1.222620164	0.00062392	0.00242485	31.460829	27.1371497	44.3861972	91.2675556	87.3816483	61.8622325	Tmc8
ENSMUSG00000031298	2.054635012	1.038882134	0.0006296	0.00244633	105.918124	64.4507305	65.6143785	185.001802	124.700894	175.276325	Adgrg2
ENSMUSG00000111094	0.144454484	-2.791313105	0.00063361	0.00246077	20.973886	19.2221477	17.3685119	4.93338138	0.9102255	2.2911938	Gm34425
ENSMUSG00000075420	0.3825517	-1.386273361	0.0006367	0.00247098	53.4834093	72.3657325	74.2986344	19.7335255	20.0249611	37.8046976	Smim6
ENSMUSG00000032204	5.48276489	2.45490361	0.00063741	0.00247314	6.2921658	3.39214371	2.89475199	16.4446046	21.8454121	30.9311162	Aqp9
ENSMUSG00000078439	2.138786285	1.096792331	0.00063784	0.00247422	48.2399378	40.7057245	50.1757012	78.1118719	92.8430013	128.306853	Smim24
ENSMUSG00000032179	4.105151264	2.037435383	0.00064026	0.00248244	26.2173575	9.04571656	12.5439253	114.290002	43.6908241	37.8046976	Bmp5
ENSMUSG00000030672	18.9580191	4.244736322	0.00064082	0.002484	1156.70981	222.75077	488.248169	2058.04227	29169.0865	4181.42868	Mylpf
ENSMUSG00000040270	2.56751417	1.360372239	0.00064255	0.00249012	25.1686632	68.9735888	47.2809492	87.9786346	132.892923	142.054015	Bach2
ENSMUSG00000085977	4.693090321	2.230538226	0.00064566	0.002501	8.3895544	10.1764311	2.89475199	18.9112953	40.9601476	40.0958914	Gm5970
ENSMUSG00000048911	0.475871681	-1.071355492	0.00064879	0.0025119	428.915969	465.854403	510.441268	349.447848	167.481493	150.073194	Rnf24
ENSMUSG00000087060	4.601416779	2.202078136	0.00065354	0.00252789	6.2921658	6.78428742	2.89475199	23.0224464	24.5760886	25.2031317	Eldr
ENSMUSG00000022860	4.419443276	2.143864643	0.00065919	0.00254614	5.2434715	6.78428742	6.75442131	36.1781301	29.1272161	17.1839535	Chodl
ENSMUSG00000042115	6.561251955	2.713971122	0.0006595	0.00254672	2.0973886	2.26142914	4.82458665	19.7335255	27.3067651	13.7471628	Klhdc8a
ENSMUSG00000018845	2.428292867	1.27994243	0.00067065	0.00258674	532.736704	273.632926	293.334868	487.582527	1406.2984	776.714697	Unc45b
ENSMUSG00000022945	2.389379555	1.256636045	0.0006753	0.00260282	29.3634404	31.660008	21.2281813	78.1118719	55.5237557	61.8622325	Chaf1b
ENSMUSG00000051984	0.488858873	-1.032510056	0.0006788	0.00261566	161.498922	223.881485	153.421856	89.6230951	112.867962	59.5710387	Sec31b
ENSMUSG00000039748	5.863692942	2.551809557	0.00068365	0.00263187	4.1947772	6.78428742	1.92983466	23.0224464	36.4090201	14.8927597	Exo1
ENSMUSG00000103662	3.410264168	1.769883498	0.0006976	0.0026824	36.7043005	13.5685748	14.47376	97.8453974	81.0100698	41.2414883	Gm34294
ENSMUSG00000046794	0.461777881	-1.114729026	0.00071289	0.00273799	1067.5708	547.265852	483.423583	432.493101	291.272161	244.012139	Ppp1r3b
ENSMUSG00000057132	4.075749805	2.027065493	0.00071484	0.00274419	10.486943	4.52285828	5.78950398	24.6669069	27.3067651	33.22231	Rpgrip1
ENSMUSG00000019933	9.043894546	3.17694417	0.00072019	0.00276406	8.3895544	1.13071457	5.78950398	7.40007207	101.035031	30.9311162	Mrln
ENSMUSG00000050357	3.337715417	1.738860952	0.00072398	0.00277599	11.5356373	13.5685748	9.6491733	27.1335976	51.8828537	36.6591007	Carmil2
ENSMUSG00000105547	5.328990052	2.41386214	0.00072683	0.0027856	2.0973886	4.52285828	8.68425597	24.6669069	39.1396966	18.3295504	Iglc3
ENSMUSG00000033906	2.08945697	1.063128049	0.00072955	0.00279473	83.895544	63.3200159	64.6494611	202.268637	120.149766	119.142077	Zdhhc15
ENSMUSG00000037833	2.410268176	1.269193676	0.00074255	0.00283919	38.8016891	28.2678643	20.2632639	65.7784184	81.0100698	63.0078294	Sh2d4b
ENSMUSG00000050896	4.28149591	2.098114947	0.00074825	0.00286032	10.486943	11.3071457	2.89475199	29.6002883	27.3067651	48.1150697	Rtn4rl2
ENSMUSG00000068614	4.9622435	2.310992531	0.0007515	0.00287137	320.900456	269.110068	351.229908	724.384833	3128.44505	817.956185	Actc1
ENSMUSG00000036136	12.42020427	3.634616996	0.00075587	0.00288741	3.1460829	0	0.96491733	27.1335976	12.743157	11.455969	Fam110c
ENSMUSG00000031736	3.679543858	1.879526931	0.000762	0.00290947	8.3895544	12.4378603	8.68425597	28.7780581	52.7930792	26.3487286	Crnde
ENSMUSG00000024669	4.874263568	2.285184265	0.00076281	0.00291187	2.0973886	4.52285828	10.6140906	23.8446767	28.2169906	33.22231	Cd5
ENSMUSG00000051242	2.711875001	1.439290682	0.00076442	0.00291666	27.2660518	32.7907225	22.1930986	108.53439	49.1521772	64.1534263	Pcdhb9
ENSMUSG00000088549	4.654703396	2.21868924	0.00076994	0.00293495	11.5356373	6.78428742	5.78950398	15.6223744	40.9601476	56.134248	Gm24959
ENSMUSG00000036334	2.596783753	1.376725879	0.00078685	0.00299591	239.1023	249.88792	272.106687	1216.07851	427.805986	331.077503	Igsf10
ENSMUSG00000053219	3.423238921	1.775361987	0.0007878	0.00299882	14.6817202	18.0914331	10.6140906	71.53403	49.1521772	26.3487286	Raet1e
ENSMUSG00000064338	0.347225534	-1.52605505	0.00079807	0.00303416	151.011979	58.7971577	62.7196265	28.7780581	38.2294711	27.4943255	mt-Tv
ENSMUSG00000061878	2.08320374	1.058803944	0.00080862	0.00307018	73.408601	143.60075	127.369088	196.513025	205.710964	316.184744	Sphk1
ENSMUSG00000032523	10.54572102	3.398585831	0.00081365	0.00308643	26.2173575	12.4378603	11.579008	38.6448208	405.050349	85.9197673	Hhatl
ENSMUSG00000105112	0.28073001	-1.832744797	0.00081473	0.00308978	88.0903212	88.1957365	60.7897918	42.755972	13.6533825	9.16477518	Gm42778
ENSMUSG00000063531	0.368761508	-1.439240022	0.0008188	0.00310232	126.89201	79.1500199	82.9828904	55.0894254	30.9476671	19.4751473	Sema3e
ENSMUSG00000041481	11.72246783	3.551204415	0.00083164	0.00314586	5.2434715	80.2807345	15.4386773	235.980076	606.210185	339.096682	Serpina3g
ENSMUSG00000028654	2.543857375	1.347017786	0.00083617	0.00315918	37.7529948	28.2678643	15.4386773	64.133958	69.1771382	73.3182014	Mycl
ENSMUSG00000096506	2.73765093	1.452938504	0.00083778	0.00316394	13.6330259	28.2678643	15.4386773	49.3338138	57.3442067	49.2606666	CR974586.5
ENSMUSG00000063011	20.07548895	4.327363221	0.00085007	0.0032089	2.0973886	1.13071457	0	2.46669069	37.3192456	24.0575349	Msln
ENSMUSG00000085894	4.194117039	2.068367121	0.00085676	0.00323114	4.1947772	15.830004	21.2281813	28.7780581	62.8055597	82.4829766	Gm15832

ENSMUSG00000035504	0.41666882	-1.263026952	0.00087839	0.00330507	85.9929326	55.4050139	62.7196265	35.3558999	27.3067651	21.7663411	Reep6
ENSMUSG00000027224	3.302091911	1.723380277	0.00088861	0.00333889	16.7791088	13.5685748	9.6491733	41.1115115	28.2169906	63.0078294	Duoxa1
ENSMUSG00000026579	2.995325771	1.582712919	0.00089083	0.00334492	17.8278031	12.4378603	10.6140906	50.156044	37.3192456	34.3679069	F5
ENSMUSG00000090386	2.069063646	1.048978024	0.00089073	0.00334492	724.647761	779.062339	645.529694	800.852244	1385.36322	2262.55387	Mir99ahg
ENSMUSG00000079017	2.047330572	1.033744066	0.00089298	0.00335147	2757.01731	1337.63534	1241.8486	3374.43287	2820.78883	4731.31519	Ifi27l2a
ENSMUSG00000032373	6.658958866	2.735296628	0.00090945	0.00340857	3.1460829	7.91500199	4.82458665	7.40007207	54.6135302	43.5326821	Car12
ENSMUSG00000099411	0.31851157	-1.650582315	0.00091877	0.00343794	130.038093	187.698619	241.229333	26.3113674	113.778188	37.8046976	2310015D24Rik
ENSMUSG00000022218	3.522938995	1.816779493	0.00092394	0.00345652	6.2921658	11.3071457	10.6140906	24.6669069	32.7681181	42.3870852	Tgm1
ENSMUSG00000031385	3.608736598	1.851493845	0.00093555	0.00349671	19.9251917	19.2221477	6.75442131	70.7117998	64.6260107	28.6399224	Plxnb3
ENSMUSG00000021720	4.73587697	2.243631603	0.00094471	0.00352771	2.0973886	5.65357285	13.5088426	41.9337417	35.4987946	24.0575349	Rnf180
ENSMUSG00000111840	3.18954716	1.67335161	0.00094557	0.00353014	33.5582176	10.1764311	16.4035946	86.3341742	48.2419517	57.2798449	Gm48832
ENSMUSG00000031962	13.24674976	3.727566517	0.00094916	0.0035427	2.0973886	3.39214371	0	5.75561161	49.1521772	16.0383566	Cdh15
ENSMUSG00000015843	2.364318377	1.241424321	0.00096403	0.00359248	75.5059896	49.7514411	47.2809492	97.8453974	202.070062	107.686108	Rxrg
ENSMUSG00000000154	2.491124589	1.316797177	0.00096696	0.00360257	14.6817202	23.745006	27.9826026	53.444965	57.3442067	54.9886511	Slc22a18
ENSMUSG00000041134	2.333484663	1.222485985	0.00097314	0.00362311	177.229337	124.378603	82.0179731	443.182094	257.593817	192.460279	Cyyr1
ENSMUSG00000070469	0.443021787	-1.174550447	0.0009894	0.00367691	1041.35344	1023.29669	1214.83092	811.541237	397.768545	241.720945	Adamtsl3
ENSMUSG00000089704	0.361091305	-1.469564413	0.00102152	0.00378592	132.135482	118.72503	140.87793	75.6451812	47.3317262	17.1839535	Galnt2
ENSMUSG00000051805	0.354446004	-1.496362228	0.00102405	0.00379444	40.8990777	45.2285828	34.7370239	14.8001441	17.2942846	10.3103721	A530095I07Rik
ENSMUSG00000019982	8.339210202	3.059910754	0.00103014	0.00381527	3.1460829	2.26142914	0.96491733	14.8001441	27.3067651	10.3103721	Myb
ENSMUSG00000086736	0.182679266	-2.452615197	0.00103692	0.00383778	18.8764974	23.745006	14.47376	2.46669069	4.55112752	3.43679069	Gm14902
ENSMUSG00000071862	5.044567066	2.33473046	0.00104101	0.00385202	3.1460829	3.39214371	6.75442131	23.8446767	15.4738336	28.6399224	Lrrtm2
ENSMUSG00000061086	2.349927063	1.232615979	0.00106217	0.00391873	165.693699	195.613621	182.369375	194.046334	415.062829	670.174185	Myl4
ENSMUSG00000000094	6.69333504	2.742725231	0.00106352	0.00392109	2.0973886	5.65357285	0.96491733	18.0890651	22.7556376	16.0383566	Tbx4
ENSMUSG00000085315	0.454463175	-1.137764697	0.00106343	0.00392109	66.0677409	61.0585868	67.5442131	28.7780581	23.6658631	36.6591007	A430018G15Rik
ENSMUSG00000038128	2.092663328	1.065340226	0.0010778	0.00397012	73.408601	78.0193053	107.105824	207.202018	112.867962	222.245798	Camk4
ENSMUSG00000083567	0.496114659	-1.01125451	0.00108702	0.00400319	82.8468497	111.940742	135.088426	46.0448929	61.8953342	56.134248	Gm11451
ENSMUSG00000044551	2.720369502	1.443802623	0.00109765	0.00403776	18.8764974	33.9214371	13.5088426	69.8895696	52.7930792	56.134248	9930012K11Rik
ENSMUSG00000105033	2.80243729	1.48668209	0.00109838	0.00403954	54.5321036	45.2285828	46.3160319	58.3783464	130.162247	222.245798	Gm43423
ENSMUSG00000028718	3.003472136	1.586631279	0.00110567	0.00406451	12.5843316	20.3528623	10.6140906	49.3338138	49.1521772	30.9311162	Stil
ENSMUSG00000070323	3.084265978	1.624927184	0.00111735	0.00410007	18.8764974	6.78428742	17.3685119	52.6227347	37.3192456	43.5326821	Mmp27
ENSMUSG00000071324	0.440695754	-1.182145098	0.00113207	0.00415128	87.0416269	79.1500199	52.1055358	37.0003604	30.0374416	28.6399224	Armc2
ENSMUSG00000032281	2.305155439	1.204864036	0.0011394	0.00417553	25.1686632	56.5357285	32.8071892	81.4007928	85.5611973	96.2301394	Acsbg1
ENSMUSG00000003279	0.478961085	-1.062019652	0.00115145	0.00421475	108.015513	85.9343073	105.175989	33.7114394	61.8953342	48.1150697	Dlgap1
ENSMUSG00000076613	3.056658534	1.611955395	0.00115484	0.00422619	32.5095233	13.5685748	67.5442131	97.0231672	145.63608	106.540511	Ighg2b
ENSMUSG00000030996	19.03241118	4.250386441	0.00116156	0.00424794	42.9964663	4.52285828	8.68425597	47.6893534	813.7416	208.498635	Art1
ENSMUSG00000031756	2.939469992	1.55555605	0.00116277	0.00425141	15.7304145	20.3528623	17.3685119	59.2005766	68.2669127	28.6399224	Cenpn
ENSMUSG00000079505	2.741270959	1.454844938	0.00116538	0.00425903	16.7791088	27.1371497	30.8773546	41.1115115	90.1123248	74.4637983	Gm11131
ENSMUSG00000025270	0.423880049	-1.23827203	0.00117191	0.00427905	300.975264	144.731465	267.282101	90.4453253	61.8953342	151.21879	Alas2
ENSMUSG00000021303	2.685160661	1.425008412	0.00117832	0.0042986	31.460829	23.745006	15.4386773	50.156044	52.7930792	87.0653642	Gng4
ENSMUSG00000063229	2.118937873	1.083341289	0.00118433	0.00431859	6480.93077	4053.61173	4309.3208	6119.8596	16867.3888	8465.96107	Ldha
ENSMUSG00000104279	0.392921505	-1.347686965	0.00120162	0.00437872	69.2138238	109.679313	64.6494611	21.377986	28.2169906	46.9694728	Gm38300
ENSMUSG00000111058	0.264101557	-1.92083529	0.00120217	0.00437973	22.0225803	28.2678643	25.0878506	4.93338138	8.19202953	6.87358139	Gm36033
ENSMUSG00000103932	3.126858961	1.644714147	0.00121299	0.00441718	74.4572953	82.5421636	61.7547091	74.822951	182.955326	427.307643	Gm36963
ENSMUSG00000041596	2.476731702	1.308437594	0.0012451	0.00451998	24.1199689	18.0914331	21.2281813	64.9561882	42.7805986	49.2606666	Nlrp5-ps
ENSMUSG00000104713	2.950622956	1.561019578	0.00125316	0.0045472	67.1164352	133.424319	42.4563625	134.023528	401.409447	179.858713	Gbp6
ENSMUSG00000096336	6.868500388	2.779995147	0.00126184	0.00457461	9.4382487	7.91500199	0	44.4004324	58.2544322	14.8927597	Igkv1-135
ENSMUSG00000018166	2.417636088	1.273597101	0.00126753	0.00459221	71.3112124	58.7971577	30.8773546	177.60173	119.239541	90.5021549	Erbb3
ENSMUSG00000020000	2.891017927	1.531577555	0.00127482	0.00461654	23.0712746	38.4442954	10.6140906	82.223023	63.7157852	60.7166356	Moxd1
ENSMUSG00000024968	0.457209314	-1.129073302	0.00128834	0.00466138	98.5772642	195.613621	102.281237	68.2451091	51.8828537	60.7166356	Rcor2
ENSMUSG00000107481	2.863682211	1.517871402	0.00129484	0.00468279	24.1199689	13.5685748	12.5439253	37.0003604	45.5112752	61.8622325	4833403J16Rik
ENSMUSG00000022383	0.316454254	-1.659931134	0.00131746	0.0047551	100.674653	46.3592974	58.8599572	36.1781301	14.563608	13.7471628	Ppara
ENSMUSG00000086629	2.249556211	1.169640417	0.00132014	0.00476375	30.4121347	31.660008	25.0878506	50.9782743	66.4464617	79.0461859	2810403D21Rik
ENSMUSG00000060019	2.884650524	1.528396546	0.00132655	0.00478579	20.973886	23.745006	34.7370239	37.0003604	102.855482	90.5021549	Gm10073
ENSMUSG00000025020	5.96421046	2.576331167	0.00132781	0.00478929	3.1460829	1.13071457	5.78950398	13.9779139	20.0249611	27.4943255	Slit1
ENSMUSG00000084383	5.89134565	2.5585972	0.00132856	0.00479092	8.3895544	5.65357285	4.82458665	7.40007207	44.6010496	59.5710387	Gm13370
ENSMUSG00000085156	2.090175432	1.063624035	0.00133111	0.00479907	41.947772	78.0193053	47.2809492	98.6676276	111.957737	138.617225	Snhg15
ENSMUSG00000021750	0.483737551	-1.047703562	0.00133258	0.00480265	2191.77109	1162.37458	844.302664	736.718286	789.165511	504.062635	Fam107a
ENSMUSG00000109341	5.295735038	2.404830942	0.00133269	0.00480265	4.1947772	4.52285828	4.82458665	14.8001441	16.3840591	41.2414883	Gm30873
ENSMUSG00000005628	13.52239988	3.757279311	0.00133569	0.00481239	73.408601	18.0914331	16.4035946	98.6676276	1163.26819	197.042666	Tmod4
ENSMUSG00000030495	2.248958578	1.169257089	0.00133699	0.004816	317.754373	118.72503	143.772682	555.827636	333.142534	415.851674	Slc7a10
ENSMUSG00000084803	2.756630321	1.462905807	0.00133933	0.0048221	15.7304145	16.9607186	10.6140906	36.1781301	38.2294711	44.678279	5830444B04Rik
ENSMUSG00000097804	6.970935457	2.80135227	0.00134123	0.00482488	5.2434715	2.26142914	0.96491733	12.3334535	29.1272161	17.1839535	Gm16685
ENSMUSG00000104044	5.807646515	2.537953646	0.00134347	0.00483186	9.4382487	3.39214371	2.89475199	14.8001441	20.9351866	56.134248	Gm37566
ENSMUSG00000041245	5.297171441	2.405222202	0.00135277	0.00485996	2.0973886	7.91500199	2.89475199	18.9112953	30.0374416	18.3295504	Wnk3
ENSMUSG00000102553	0.326011836	-1.617003751	0.00135528	0.00486791	30.4121347	73.4964471	41.4914452	17.2668348	11.8329315	18.3295504	D930036K23Rik
ENSMUSG00000021823	0.452643791	-1.14355193	0.00136649	0.00489856	3321.21485	3874.95883	3662.82619	2595.78084	1617.47072	699.959704	Vcl
ENSMUSG00000031722	3.73490788	1.90107266	0.00137526	0.00492555	3846.61069	1406.60893	1470.53401	10019.6976	4967.10057	10125.931	Hp
ENSMUSG00000029158	10.98679796	3.457699077	0.00137789	0.00493279	7.3408601	2.26142914	1.92983466	3.28892092	103.765707	19.4751473	Yipf7
ENSMUSG00000025932	4.577951336	2.194702127	0.0013801	0.00493963	16.7791088	5.65357285	4.82458665	27.1335976	70.9975892	26.3487286	Eya1
ENSMUSG00000005107	2.291331449	1.196186165	0.00139346	0.0049798	34.6069119	23.745006	21.2281813	63.3117277	53.7033047	65.2990232	Slc2a9
ENSMUSG00000020010	2.329944162	1.220295381	0.00139981	0.00500027	48.2399378	28.2678643	22.1930986	81.4007928	79.1896188	68.7358139	Vnn3
ENSMUSG00000069893	4.033542712	2.012047533	0.00141376	0.00504238	18.8764974	10.1764311	21.2281813	106.0677	78.2793933	18.3295504	9930111J21Rik1
ENSMUSG00000102344	4.128375927	2.045574348	0.00142023	0.00506435	12.5843316	11.3071457	6.75442131	16.4446046	42.7805986	67.590217	9430053O09Rik
ENSMUSG00000043498	6.921715208	2.791129583	0.00143599	0.00511382	3.1460829	2.26142914	1.92983466	24.6669069	10.922706	14.8927597	9330132A10Rik
ENSMUSG00000046999	5.302413886	2.406649286	0.00143925	0.00512433	4.1947772	2.26142914	5.78950398	32.8892092	16.3840591	16.0383566	1110032F04Rik
ENSMUSG00000024177	2.073659726	1.052179177	0.00146864	0.00521983	38.8016891	28.2678643	39.5616105	64.9561882	73.7282657	83.6285735	Nme4
ENSMUSG00000025427	2.686453213	1.425702712	0.00146975	0.00522263	32.5095233	26.0064351	39.5616105	42.755972	106.496384	115.705287	Rnf165

ENSMUSG00000111000	0.176951036	-2.498577887	0.00147779	0.00524935	19.9251917	13.5685748	27.9826026	5.75561161	3.64090201	1.1455969	Gm47108
ENSMUSG00000030125	4.868816048	2.283570994	0.0014895	0.00528475	5.2434715	1.13071457	9.6491733	32.066979	20.9351866	26.3487286	Lrrc23
ENSMUSG00000044086	3.955518633	1.983866868	0.00149326	0.0052958	57.6781865	49.7514411	39.5616105	44.4004324	418.703731	117.99648	Lmod3
ENSMUSG00000086763	5.013055887	2.325690318	0.00149386	0.00529677	2.0973886	5.65357285	8.68425597	13.9779139	38.2294711	30.9311162	Plxna4os1
ENSMUSG00000075596	4.683315445	2.227530214	0.00149993	0.00531714	15.7304145	7.91500199	4.82458665	14.8001441	50.0624027	68.7358139	B130006D01Rik
ENSMUSG00000024827	2.650632202	1.406336498	0.00150267	0.00532338	23.0712746	16.9607186	13.5088426	55.9116557	36.4090201	49.2606666	Gldc
ENSMUSG00000035459	3.805910142	1.9282415	0.00150335	0.00532463	13.6330259	6.78428742	4.82458665	34.5336697	39.1396966	21.7663411	Stab2
ENSMUSG00000087516	3.49392675	1.804849362	0.00153113	0.00541594	17.8278031	33.9214371	7.71933864	69.0673393	39.1396966	98.5213332	Tbx3os1
ENSMUSG00000107585	11.44016292	3.516035693	0.00153431	0.00542483	5.2434715	0	0.96491733	5.75561161	42.7805986	22.911938	3300002P13Rik
ENSMUSG00000054304	4.290005299	2.10097943	0.00153664	0.0054319	4.1947772	13.5685748	9.6491733	20.5557558	30.9476671	66.4446201	D130007C19Rik
ENSMUSG00000049721	3.534272705	1.821413363	0.00154286	0.00545056	7.3408601	6.78428742	7.71933864	27.1335976	28.2169906	21.7663411	Gal3st1
ENSMUSG00000073650	2.578752519	1.366673325	0.00154244	0.00545056	31.460829	16.9607186	19.2983466	69.8895696	41.8703731	63.0078294	Catip
ENSMUSG00000094306	6.016085535	2.588825079	0.00154633	0.00546143	4.1947772	10.1764311	3.85966932	9.04453253	32.7681181	67.590217	Gm24924
ENSMUSG00000062382	3.001979409	1.585914081	0.00154805	0.00546631	8.3895544	20.3528623	15.4386773	31.2447488	50.9726282	50.4062635	Ftl1-ps1
ENSMUSG00000086602	2.817084318	1.494202746	0.00155129	0.00547631	24.1199689	9.04571656	15.4386773	44.4004324	42.7805986	50.4062635	Gm15609
ENSMUSG00000096111	2.829982516	1.50079314	0.00156207	0.00550864	13.6330259	13.5685748	10.6140906	31.2447488	34.5885691	41.2414883	Gm21917
ENSMUSG00000101585	7.096389488	2.827085195	0.00157294	0.0055434	5.2434715	6.78428742	0	11.5112232	38.2294711	34.3679069	1600010M07Rik
ENSMUSG00000049985	4.125708444	2.044641872	0.00159222	0.00560164	8.3895544	4.52285828	4.82458665	26.3113674	17.2942846	29.7855193	Ankrd55
ENSMUSG00000097667	3.844118914	1.942652965	0.00160939	0.00565594	16.7791088	7.91500199	14.47376	18.0890651	63.7157852	69.8814108	Gm26764
ENSMUSG00000020216	14.26445991	3.834353219	0.00161682	0.00568085	75.5059896	15.830004	20.2632639	61.6672673	1227.8942	302.437581	Jsrp1
ENSMUSG00000022485	2.056289677	1.040043517	0.00161768	0.00568263	71.3112124	84.8035928	45.3511145	176.7795	121.970217	113.414093	Hoxc5
ENSMUSG00000022659	5.398598867	2.432585024	0.00161853	0.0056844	6.2921658	2.26142914	4.82458665	13.1556837	40.0499221	19.4751473	Gcsam
ENSMUSG00000102593	3.164484254	1.661970389	0.00162393	0.00570211	13.6330259	23.745006	12.5439253	35.3558999	39.1396966	83.6285735	Gm38384
ENSMUSG00000031760	5.3225274	2.412111471	0.00163135	0.00572326	18.8764974	7.91500199	7.71933864	13.1556837	124.700894	45.8238759	Mt3
ENSMUSG00000026062	0.456908123	-1.130024003	0.00163759	0.00574142	130.038093	204.659337	180.439541	51.8005045	119.239541	64.1534263	Slc9a2
ENSMUSG00000017861	2.285910931	1.192769191	0.0016432	0.00575985	19.9251917	27.1371497	22.1930986	54.2671952	56.4339812	46.9694728	Mybl2
ENSMUSG00000052143	0.31097562	-1.685126614	0.00164521	0.00576567	55.5807979	49.7514411	32.8071892	15.6223744	20.9351866	5.72798449	Gm9869
ENSMUSG00000107336	2.80617443	1.488604689	0.00166319	0.00582492	24.1199689	18.0914331	18.3334293	32.8892092	55.5237557	82.4829766	Gm43461
ENSMUSG00000056531	3.588506676	1.843383605	0.00166882	0.00583835	9.4382487	5.65357285	15.4386773	25.4891371	31.8578926	53.8430542	Ccdc18
ENSMUSG00000024388	0.203305753	-2.298277055	0.00167055	0.00584316	11.5356373	22.6142914	29.9124372	4.93338138	4.55112752	3.43679069	Myo7b
ENSMUSG00000050345	2.438127234	1.285773415	0.0016728	0.00584979	29.3634404	18.0914331	18.3334293	48.5115836	48.2419517	64.1534263	4930486L24Rik
ENSMUSG00000104174	0.167211049	-2.580257912	0.00167562	0.00585838	22.0225803	12.4378603	23.1580159	3.28892092	0.9102255	5.72798449	Gm37701
ENSMUSG00000006642	0.228407876	-2.130315697	0.00167734	0.00586312	24.1199689	20.3528623	31.8422719	9.86676276	2.73067651	4.58238759	Tcf23
ENSMUSG00000083306	4.152187566	2.053871616	0.00168525	0.00588825	11.5356373	5.65357285	14.47376	19.7335255	35.4987946	77.900589	Gm13868
ENSMUSG00000080850	16.12904365	4.011588994	0.00170044	0.00593878	4.1947772	0	0.96491733	1.64446046	59.1646577	22.911938	Gm12439
ENSMUSG00000102813	2.92449653	1.548188277	0.00171278	0.00597933	15.7304145	31.660008	24.1229333	111.823311	49.1521772	46.9694728	Gm37795
ENSMUSG00000020598	2.58628484	1.370881175	0.00172943	0.00603485	18.8764974	14.6992894	16.4035946	42.755972	51.8828537	34.3679069	Nrcam
ENSMUSG00000053862	0.337566506	-1.566756331	0.00173249	0.00604297	44.0451606	76.8885908	52.1055358	11.5112232	31.8578926	14.8927597	Slc51b
ENSMUSG00000040165	7.965677758	2.993797118	0.00173466	0.00604719	8.3895544	1.13071457	0	27.1335976	16.3840591	32.0767131	Cd209c
ENSMUSG00000058498	0.388223921	-1.36503908	0.00173856	0.00605765	74.4572953	73.4964471	46.3160319	37.0003604	18.2045101	19.4751473	Rnf207
ENSMUSG00000026955	4.637432037	2.213326139	0.00175359	0.00610608	5.2434715	4.52285828	4.82458665	12.3334535	28.2169906	27.4943255	Sapcd2
ENSMUSG00000027297	0.163228113	-2.615038535	0.00176268	0.00613381	9.4382487	28.2678643	24.1229333	5.75561161	1.82045101	2.2911938	Ltk
ENSMUSG00000027562	2.780580772	1.475386246	0.00177223	0.00616442	35.6556062	14.6992894	18.3334293	41.9337417	71.9078147	77.900589	Car2
ENSMUSG00000036523	2.468895521	1.303865786	0.00177337	0.00616705	41.947772	114.202172	43.4212799	149.645902	209.351866	131.743643	Greb1
ENSMUSG00000105940	0.255801358	-1.966904169	0.00178192	0.00619282	39.8503834	31.660008	43.4212799	17.2668348	2.73067651	9.16477518	Gm42635
ENSMUSG00000056947	2.185326523	1.127848858	0.00178428	0.00619837	26.2173575	55.4050139	37.6317759	84.6897137	99.2145798	75.6093952	Mab21l1
ENSMUSG00000065530	3.436253723	1.780836565	0.00179217	0.0062218	20.973886	19.2221477	15.4386773	24.6669069	57.3442067	109.977302	Mir99a
ENSMUSG00000102562	2.23480539	1.160149205	0.00179482	0.0062257	57.6781865	80.2807345	87.8074771	97.0231672	162.930365	246.303333	Gm37694
ENSMUSG00000104060	4.701010343	2.232970855	0.00180057	0.00624432	5.2434715	11.3071457	5.78950398	14.8001441	27.3067651	63.0078294	Gm37954
ENSMUSG00000106732	3.661706258	1.872516063	0.00180688	0.00626487	19.9251917	13.5685748	7.71933864	21.377986	56.4339812	73.3182014	Gm43792
ENSMUSG00000073805	3.126376408	1.644491486	0.00181015	0.00627487	71.3112124	58.7971577	55.0002878	55.0894254	176.583748	348.261457	Fam196a
ENSMUSG00000046856	3.797429871	1.925023322	0.00181688	0.00629686	6.2921658	12.4378603	3.85966932	31.2447488	23.6658631	29.7855193	Gpr1
ENSMUSG00000040287	7.07358589	2.822441762	0.00183769	0.00636763	50.3373264	44.0978682	30.8773546	101.956549	676.297549	107.686108	Stac3
ENSMUSG00000049097	0.438648373	-1.188863177	0.00183897	0.00637036	52.434715	94.9800239	95.5268157	44.4004324	31.8578926	29.7855193	Ankrd34a
ENSMUSG00000044667	3.226637821	1.690031649	0.00184008	0.00637184	14.6817202	7.91500199	11.579008	23.0224464	40.0499221	48.1150697	Plppr4
ENSMUSG00000042532	8.338156313	3.059728418	0.00184395	0.00638253	3.1460829	2.26142914	3.85966932	4.11115115	51.8828537	21.7663411	Golga7b
ENSMUSG00000031594	4.344574676	2.119214947	0.00185057	0.00640274	11.5356373	3.39214371	3.85966932	35.3558999	20.9351866	25.2031317	Fgl1
ENSMUSG00000108633	2.454608777	1.295493102	0.0018551	0.0064157	104.86943	133.424319	117.719914	124.978995	265.785847	484.587488	Gm44694
ENSMUSG00000109257	4.200181937	2.070451822	0.00187057	0.00646508	7.3408601	11.3071457	5.78950398	13.9779139	38.2294711	50.4062635	Gm45200
ENSMUSG00000037624	2.292902482	1.197174998	0.00187935	0.00649406	24.1199689	21.4835768	22.1930986	42.755972	53.7033047	59.5710387	Kcnk2
ENSMUSG00000006930	2.696098147	1.430873017	0.00188133	0.0064995	40.8990777	22.6142914	14.47376	50.156044	81.0100698	79.0461859	Hap1
ENSMUSG00000105136	5.925506683	2.566938522	0.00188441	0.0065074	6.2921658	19.2221477	1.92983466	15.6223744	47.3317262	98.5213332	8030487O14Rik
ENSMUSG00000086507	5.765355009	2.527409446	0.00190269	0.00656635	6.2921658	9.04571656	0	19.7335255	31.8578926	35.5135038	Adap2os
ENSMUSG00000097633	3.516338954	1.814074144	0.00190786	0.00658277	17.8278031	3.39214371	15.4386773	38.6448208	35.4987946	56.134248	Gm16617
ENSMUSG00000034171	3.448760847	1.786078089	0.00195988	0.00673914	17.8278031	6.78428742	6.75442131	29.6002883	46.4215007	32.0767131	Faah
ENSMUSG00000054383	0.410109066	-1.285920457	0.00195939	0.00673914	44.0451606	41.8364391	39.5616105	18.0890651	18.2045101	14.8927597	Pnma1
ENSMUSG00000032988	0.243408355	-2.038549407	0.0019649	0.00675242	14.6817202	32.7907225	25.0878506	7.40007207	5.46135302	4.58238759	Slc16a8
ENSMUSG00000090399	3.668401588	1.875151583	0.00197306	0.00677334	10.486943	6.78428742	13.5088426	57.5561161	19.1147356	36.6591007	Gm38399
ENSMUSG00000111434	3.852576839	1.945823731	0.00197499	0.00677853	27.2660518	10.1764311	12.5439253	21.377986	74.6384912	97.3757363	Gm47121
ENSMUSG00000108321	3.324522426	1.733147109	0.00199538	0.00683987	11.5356373	15.830004	10.6140906	20.5557558	46.4215007	59.5710387	Gm44649
ENSMUSG00000029597	0.295761322	-1.757494699	0.00201079	0.0068869	37.7529948	22.6142914	56.9301225	15.6223744	11.8329315	6.87358139	Sds
ENSMUSG00000024268	2.712559741	1.439654912	0.00201619	0.00689958	30.4121347	33.9214371	16.4035946	40.2892813	84.6509718	93.9389456	Celf4
ENSMUSG00000042549	0.467303923	-1.097566947	0.00201609	0.00689958	61.8729637	73.4964471	77.1933864	24.6669069	42.7805986	32.0767131	Map2k3os
ENSMUSG00000017300	15.44023211	3.948622536	0.00202073	0.00691223	541.126259	142.470036	152.456938	504.027131	11070.1626	1334.62039	Tnnc2
ENSMUSG00000022883	2.380325867	1.251159092	0.00202454	0.0069238	44.0451606	42.9671537	52.1055358	157.045974	57.3442067	116.850884	Robo1
ENSMUSG00000026308	0.466781537	-1.099180598	0.00203052	0.00693918	383.822114	600.409437	693.775561	151.290362	408.691251	223.391395	Klhl30
ENSMUSG00000028125	4.518252772	2.175764984	0.00203074	0.00693918	12.5843316	10.1764311	1.92983466	57.5561161	21.8454121	30.9311162	Abca4

ENSMUSG00000075277	5.882281579	2.556375846	0.00203653	0.00695604	2.0973886	3.39214371	6.75442131	13.1556837	15.4738336	44.678279	Haglr
ENSMUSG00000024353	3.816760576	1.93234869	0.00204472	0.00698255	13.6330259	4.52285828	8.68425597	18.9112953	46.4215007	37.8046976	Mzb1
ENSMUSG00000103103	0.420039253	-1.251403938	0.00205237	0.00700673	51.3860207	50.8821557	60.7897918	23.0224464	30.0374416	14.8927597	4833445I07Rik
ENSMUSG00000107865	4.14581226	2.051654787	0.00207064	0.00706072	14.6817202	18.0914331	11.579008	27.9558278	28.2169906	128.306853	Gm44417
ENSMUSG00000002565	2.682982058	1.423837407	0.00210491	0.00716706	41.947772	22.6142914	23.1580159	83.8674835	108.316835	42.3870852	Scin
ENSMUSG00000109751	3.434108804	1.77993575	0.00210545	0.0071674	31.460829	37.3135808	29.9124372	27.9558278	119.239541	192.460279	Gm45479
ENSMUSG00000085055	3.429529905	1.778010836	0.00212211	0.00721809	6.2921658	6.78428742	12.5439253	23.8446767	27.3067651	37.8046976	Gm15958
ENSMUSG00000103696	6.16515418	2.624136974	0.00212374	0.00722214	4.1947772	4.52285828	3.85966932	9.04453253	16.3840591	52.6974573	Gm37531
ENSMUSG00000041552	2.677204435	1.420727309	0.00215999	0.0073347	27.2660518	21.4835768	11.579008	65.7784184	55.5237557	38.9502945	Ptchd1
ENSMUSG00000105562	0.272517892	-1.875577145	0.00219571	0.00745134	42.9964663	35.0521517	18.3334293	6.57784184	6.37157852	13.7471628	Gm43287
ENSMUSG00000079588	6.710932944	2.746513342	0.00220904	0.00749189	79.7007668	30.5292934	32.8071892	100.312088	680.848676	178.713116	Tmem182
ENSMUSG00000020974	2.313869341	1.210307401	0.00221414	0.00750761	52.434715	35.0521517	25.0878506	114.290002	67.3566872	77.900589	Pole2
ENSMUSG00000034127	17.01776612	4.088969766	0.00222169	0.00752852	14.6817202	0	4.82458665	50.9782743	222.095023	59.5710387	Tspan8
ENSMUSG00000037577	3.040493151	1.60430534	0.00222983	0.00755141	13.6330259	22.6142914	7.71933864	50.156044	50.9726282	30.9311162	Ephx3
ENSMUSG00000089317	0.362032711	-1.465808037	0.00223353	0.00755922	38.8016891	29.3985788	37.6317759	15.6223744	10.0124805	12.6015659	Snord123
ENSMUSG00000106772	3.063138122	1.615010422	0.00224623	0.00760061	17.8278031	18.0914331	21.2281813	24.6669069	65.5362362	85.9197673	Gm43794
ENSMUSG00000085218	0.335199228	-1.57690927	0.00224803	0.00760513	52.434715	23.745006	53.0704532	17.2668348	15.4738336	10.3103721	BB218582
ENSMUSG00000048852	3.477290115	1.797963438	0.00226767	0.00766361	13.6330259	29.3985788	15.4386773	38.6448208	124.700894	38.9502945	Gm12185
ENSMUSG00000039055	3.583502152	1.841370221	0.00227305	0.00767861	6.2921658	5.65357285	8.68425597	25.4891371	29.1272161	19.4751473	Eme1
ENSMUSG00000047793	4.18834511	2.066380322	0.00229945	0.00776296	517.00629	464.723688	364.738751	3529.01215	1500.05163	609.45755	Sned1
ENSMUSG00000097357	0.326924013	-1.612972747	0.00231291	0.00780193	49.2886321	38.4442954	26.0527679	17.2668348	8.19202953	11.455969	Gm16793
ENSMUSG00000109812	2.228122435	1.155828511	0.00231356	0.00780228	200.300611	170.7379	134.123509	185.824032	343.155015	598.001581	Gm45640
ENSMUSG00000073940	0.401862048	-1.31522776	0.00232319	0.00782852	480.301989	257.802922	549.037961	89.6230951	124.700894	304.728775	Hbb-bt
ENSMUSG00000109714	3.52813752	1.818906796	0.00233773	0.00787426	7.3408601	5.65357285	7.71933864	26.3113674	27.3067651	19.4751473	Gm35021
ENSMUSG00000018570	2.981228307	1.575906863	0.00236706	0.00796315	11.5356373	13.5685748	13.5088426	36.1781301	24.5760886	54.9886511	2810408A11Rik
ENSMUSG00000106720	5.756097278	2.525090974	0.00236754	0.00796315	1.0486943	3.39214371	6.75442131	12.3334535	20.0249611	33.22231	Gm43795
ENSMUSG00000078815	12.10931789	3.598045697	0.00241936	0.00812402	19.9251917	6.78428742	8.68425597	17.2668348	344.975466	66.4446201	Cacng6
ENSMUSG00000109038	3.791894837	1.922918954	0.00242237	0.00812911	9.4382487	11.3071457	3.85966932	18.0890651	39.1396966	35.5135038	Gm45120
ENSMUSG00000009471	14.19767546	3.827582836	0.00243826	0.00817737	6.2921658	0	0	4.93338138	63.7157852	20.6207442	Myod1
ENSMUSG00000029153	2.632358047	1.396355734	0.00244012	0.00818192	56.6294922	37.3135808	44.3861972	53.444965	192.057581	119.142077	Ociad2
ENSMUSG00000082738	0.421414054	-1.246689668	0.00247096	0.00827511	66.0677409	83.6728782	101.31632	32.066979	20.9351866	53.8430542	Gm15422
ENSMUSG00000043795	2.019910423	1.014291315	0.00247458	0.00828384	251.686632	322.253653	215.176565	550.072024	760.948521	280.67124	Prr33
ENSMUSG00000036466	3.078851124	1.622392108	0.00248886	0.0083248	10.486943	12.4378603	6.75442131	28.7780581	35.4987946	26.3487286	Megf11
ENSMUSG00000072591	7.441405952	2.895575225	0.00249904	0.00835713	4.1947772	1.13071457	2.89475199	8.2223023	12.743157	41.2414883	5930412G12Rik
ENSMUSG00000039521	5.218615666	2.383667156	0.00251187	0.00839332	10.486943	1.13071457	2.89475199	17.2668348	29.1272161	29.7855193	Foxp3
ENSMUSG00000061816	14.49131044	3.857116157	0.00252351	0.00842861	1629.67094	327.907225	465.090153	1919.08536	30194.0004	2994.59029	Myl1
ENSMUSG00000092021	2.682859821	1.423771676	0.00257627	0.00859249	16.7791088	12.4378603	18.3334293	28.7780581	48.2419517	51.5518604	Gbp11
ENSMUSG00000078915	0.350514181	-1.51245528	0.0026255	0.00874491	27.2660518	30.5292934	30.8773546	9.86676276	10.922706	10.3103721	Hsp25-ps1
ENSMUSG00000046070	2.259936769	1.176282408	0.00262861	0.00875272	36.7043005	33.9214371	20.2632639	86.3341742	58.2544322	59.5710387	Igfals
ENSMUSG00000051747	15.4669389	3.951115793	0.00264705	0.00880692	1681.05696	274.763641	367.633503	1930.59658	30722.8414	3283.28071	Ttn
ENSMUSG00000085779	0.426084996	-1.230786846	0.00269223	0.00894992	276.855295	362.959377	266.317183	55.9116557	215.723444	114.55969	Atcayos
ENSMUSG00000007030	5.405446508	2.434413794	0.00272188	0.00903928	10.486943	2.26142914	2.89475199	14.8001441	49.1521772	20.6207442	Vwa7
ENSMUSG00000035121	2.679318054	1.42186585	0.00272578	0.00905039	12.5843316	10.1764311	15.4386773	33.7114394	33.6783436	35.5135038	Neil2
ENSMUSG00000086096	3.277992089	1.712812373	0.00276113	0.0091603	14.6817202	13.5685748	3.85966932	32.066979	34.5885691	37.8046976	Gm12688
ENSMUSG00000016763	3.249418203	1.700181432	0.0027638	0.00916729	6.2921658	11.3071457	8.68425597	36.1781301	24.5760886	24.0575349	Scube1
ENSMUSG00000076564	25.53091911	4.67417357	0.00276792	0.00917873	2.0973886	0	0	41.1115115	1.82045101	10.3103721	Igkv12-46
ENSMUSG00000092014	3.359225156	1.748128497	0.00276838	0.00917873	31.460829	15.830004	30.8773546	28.7780581	81.9202953	153.509984	Gm4468
ENSMUSG00000036502	2.852786975	1.512372021	0.0027722	0.00918954	31.460829	6.78428742	26.0527679	64.9561882	60.9851087	58.4254418	Tmem255a
ENSMUSG00000032776	3.970026174	1.989148519	0.00277382	0.00919304	8.3895544	2.26142914	9.6491733	26.3113674	35.4987946	19.4751473	Mctp2
ENSMUSG00000033508	6.18129255	2.627908547	0.00277793	0.0092048	3.1460829	4.52285828	7.71933864	7.40007207	66.4464617	21.7663411	Asprv1
ENSMUSG00000090256	5.42813313	2.440456105	0.00278014	0.00920838	2.0973886	5.65357285	1.92983466	21.377986	16.3840591	13.7471628	Alms1-ps1
ENSMUSG00000024617	7.38877856	2.885335892	0.00278996	0.00923337	121.648539	55.4050139	36.6668586	144.712521	1161.44774	272.652062	Camk2a
ENSMUSG00000048782	3.294238325	1.719944932	0.00279081	0.00923432	5.2434715	13.5685748	11.579008	39.4670511	38.2294711	21.7663411	Insc
ENSMUSG00000060680	0.163063783	-2.616491701	0.00282697	0.00933502	8.3895544	27.1371497	21.2281813	2.46669069	5.46135302	1.1455969	Gm8894
ENSMUSG00000026779	2.325149679	1.217323591	0.00284044	0.0093776	34.6069119	14.6992894	36.6668586	66.6006487	64.6260107	69.8814108	Mastl
ENSMUSG00000050600	5.777982328	2.530565791	0.002843	0.00938225	8.3895544	2.26142914	0.96491733	13.1556837	26.3965396	27.4943255	Zfp831
ENSMUSG00000081264	14.20221852	3.828044404	0.00284389	0.00938328	4.1947772	0	0	6.57784184	10.922706	42.3870852	Gm14021
ENSMUSG00000073821	0.252412881	-1.986142561	0.00285976	0.00942991	26.2173575	30.5292934	44.3861972	15.6223744	2.73067651	6.87358139	8030451A03Rik
ENSMUSG00000061414	2.212806253	1.145877138	0.00286249	0.009437	67.1164352	67.8428742	65.6143785	233.513385	122.880443	85.9197673	Cracr2a
ENSMUSG00000023036	2.374574455	1.247668993	0.00288434	0.00950329	33.5582176	39.57501	30.8773546	53.444965	67.3566872	127.161256	Pcdhgc4
ENSMUSG00000024033	0.438947831	-1.18787861	0.00289595	0.00953575	49.2886321	66.7121596	94.5618984	27.9558278	39.1396966	25.2031317	Rsph1
ENSMUSG00000045689	3.352264593	1.745136025	0.00289575	0.00953575	14.6817202	12.4378603	4.82458665	49.3338138	29.1272161	27.4943255	Pcdhb4
ENSMUSG00000097770	0.241284049	-2.051195551	0.00289512	0.00953575	25.1686632	15.830004	21.2281813	6.57784184	2.73067651	5.72798449	Gm26776
ENSMUSG00000035095	2.394377519	1.259650638	0.00291209	0.0095792	17.8278031	16.9607186	29.9124372	56.7338859	41.8703731	57.2798449	Fam167a
ENSMUSG00000108841	3.648439159	1.867279396	0.00294341	0.00967832	16.7791088	6.78428742	9.6491733	46.0448929	17.2942846	58.4254418	Frmpd2
ENSMUSG00000055116	3.171852359	1.665325619	0.00297472	0.00977142	20.973886	6.78428742	45.3511145	61.6672673	82.8305208	89.356558	Arntl
ENSMUSG00000110547	5.494817321	2.458071519	0.00299358	0.00982942	13.6330259	5.65357285	9.6491733	10.688993	121.059992	27.4943255	Gm29773
ENSMUSG00000031461	16.54630974	4.048437589	0.00300188	0.00985469	281.050072	32.7907225	51.1406185	297.647343	5099.99349	641.534263	Myom2
ENSMUSG00000101356	5.107061504	2.352493433	0.00301227	0.00987885	5.2434715	4.52285828	0.96491733	16.4446046	18.2045101	19.4751473	Gm28876
ENSMUSG00000098661	0.379435882	-1.398071978	0.00302215	0.00990726	42.9964663	32.7907225	31.8422719	10.688993	15.4738336	14.8927597	Mir7052
ENSMUSG00000095576	0.339196434	-1.559807091	0.00302303	0.00990813	32.5095233	45.2285828	27.9826026	15.6223744	12.743157	6.87358139	Fmo6
ENSMUSG00000098055	10.20194091	3.350771745	0.00302584	0.00991537	5.2434715	0	0	17.2668348	24.5760886	11.455969	Gm26947
ENSMUSG00000070645	8.321182839	3.056788619	0.00302824	0.00992124	8.3895544	0	5.78950398	90.4453253	20.0249611	8.01917828	Ren1
ENSMUSG00000094651	0.254819388	-1.972453043	0.00303205	0.00992973	15.7304145	30.5292934	25.0878506	3.28892092	8.19202953	6.87358139	Gal3st2
ENSMUSG00000031737	5.582905872	2.481016233	0.00303711	0.0099423	2.0973886	4.52285828	3.85966932	15.6223744	10.0124805	33.22231	Irx5
ENSMUSG00000104183	5.206712524	2.380372754	0.00305072	0.00998284	4.1947772	3.39214371	5.78950398	8.2223023	24.5760886	37.8046976	1700054O19Rik
ENSMUSG00000020583	3.98684718	1.995248306	0.00306211	0.01001609	4.1947772	6.78428742	6.75442131	34.5336697	16.3840591	19.4751473	Matn3

ENSMUSG00000056508	0.398056884	-1.328953482	0.00311907	0.01017584	33.5582176	45.2285828	40.5265279	16.4446046	11.8329315	19.4751473	1700001K19Rik
ENSMUSG00000062694	0.481582528	-1.054145043	0.00314445	0.01024429	291.537015	347.129373	404.300361	83.8674835	253.952915	164.965953	Cav3
ENSMUSG00000001773	0.423992642	-1.237888865	0.00317664	0.01032852	76.5546839	46.3592974	86.8425597	34.5336697	35.4987946	18.3295504	Folh1
ENSMUSG00000023243	2.194070498	1.133609882	0.00318414	0.01034714	34.6069119	22.6142914	34.7370239	80.5785626	72.8180402	48.1150697	Kcnk5
ENSMUSG00000045709	3.475555319	1.797243508	0.00318427	0.01034714	4.1947772	9.04571656	8.68425597	19.7335255	29.1272161	27.4943255	Smkr-ps
ENSMUSG00000029086	2.561019006	1.35671796	0.00319621	0.01037766	14.6817202	13.5685748	12.5439253	37.0003604	31.8578926	35.5135038	Prom1
ENSMUSG00000029228	0.432452029	-1.209387989	0.00320021	0.01038858	98.5772642	101.764311	126.40417	76.4674114	37.3192456	26.3487286	Lnx1
ENSMUSG00000105304	3.1488665	1.654832594	0.0032094	0.01040598	25.1686632	13.5685748	12.5439253	26.3113674	50.0624027	85.9197673	Gm43696
ENSMUSG00000031147	2.754370294	1.461722527	0.00323101	0.01046561	29.3634404	16.9607186	10.6140906	46.8671231	69.1771382	40.0958914	Magix
ENSMUSG00000078773	4.58512393	2.196960729	0.00327162	0.01058663	3.1460829	10.1764311	1.92983466	22.2002162	19.1147356	27.4943255	Rad54b
ENSMUSG00000034634	4.592696152	2.19934134	0.00328429	0.01062132	5.2434715	6.78428742	2.89475199	10.688993	30.0374416	27.4943255	Ly6d
ENSMUSG00000044254	0.236905826	-2.077614415	0.00329791	0.01065689	35.6556062	37.3135808	39.5616105	1.64446046	18.2045101	6.87358139	Pcsk9
ENSMUSG00000049036	4.225334432	2.079065534	0.00331182	0.01069547	7.3408601	1.13071457	9.6491733	32.066979	23.6658631	21.7663411	Tmem121
ENSMUSG00000021032	0.367639129	-1.44363777	0.00333269	0.0107565	31.460829	58.7971577	52.1055358	14.8001441	11.8329315	26.3487286	Ngb
ENSMUSG00000102854	3.027649503	1.598198201	0.00333973	0.01077494	48.2399378	41.8364391	35.7019412	37.8225906	118.329315	225.682589	C130023A14Rik
ENSMUSG00000022449	4.481049912	2.163836796	0.00334867	0.01080166	16.7791088	7.91500199	3.85966932	53.444965	60.9851087	12.6015659	Adamts20
ENSMUSG00000008193	5.500992901	2.459692041	0.00335168	0.0108092	2.0973886	6.78428742	2.89475199	13.9779139	37.3192456	12.6015659	Spib
ENSMUSG00000031382	6.100006411	2.608810759	0.0033647	0.01084691	33.5582176	4.52285828	7.71933864	23.8446767	225.735925	29.7855193	Asb11
ENSMUSG00000049939	3.110059566	1.636942212	0.00337447	0.01087625	20.973886	10.1764311	8.68425597	34.5336697	29.1272161	60.7166356	Lrrc4
ENSMUSG00000024036	0.46028153	-1.119411544	0.00338358	0.01089699	65.0190466	101.764311	84.9127251	31.2447488	55.5237557	28.6399224	Slc37a1
ENSMUSG00000104432	3.892395082	1.960658153	0.00341512	0.01097745	11.5356373	11.3071457	10.6140906	12.3334535	46.4215007	72.1726046	A430027C01Rik
ENSMUSG00000025129	10.37930058	3.375637324	0.00341614	0.01097798	9.4382487	1.13071457	5.78950398	1.64446046	149.276982	19.4751473	Ppp1r27
ENSMUSG00000089636	0.419513559	-1.253210654	0.00344489	0.01106084	71.3112124	93.8493093	82.0179731	53.444965	31.8578926	17.1839535	1700058P15Rik
ENSMUSG00000036244	0.222202559	-2.170052661	0.00357102	0.01141943	23.0712746	21.4835768	17.3685119	8.2223023	1.82045101	3.43679069	Tbc1d21
ENSMUSG00000079164	3.185296044	1.671427464	0.00358029	0.0114468	27.2660518	5.65357285	20.2632639	83.0452533	40.9601476	45.8238759	Tlr5
ENSMUSG00000029683	23.96696402	4.582975264	0.0035936	0.01148261	16.7791088	3.39214371	0	32.8892092	333.142534	116.850884	Lmod2
ENSMUSG00000018986	2.740560585	1.454471028	0.00360516	0.01151503	46.1425492	20.3528623	24.1229333	130.734607	70.9975892	45.8238759	Slfn3
ENSMUSG00000031230	0.457400373	-1.128470552	0.00361871	0.01155604	102.772041	107.417884	85.8776424	56.7338859	22.7556376	56.134248	Fgf16
ENSMUSG00000020475	9.919165975	3.310218821	0.00363285	0.01158983	407.942083	158.30004	116.754997	380.692597	5501.40294	892.419983	Pgam2
ENSMUSG00000027887	9.353634516	3.225527058	0.00363258	0.01158983	104.86943	47.490012	63.6845438	101.956549	1656.61042	262.34169	Sypl2
ENSMUSG00000087626	0.412191526	-1.27861325	0.00366655	0.01169048	71.3112124	75.7578762	67.5442131	41.9337417	32.7681181	12.6015659	Gm15050
ENSMUSG00000024109	2.398100349	1.26189203	0.00369322	0.01177092	15.7304145	15.830004	16.4035946	34.5336697	42.7805986	37.8046976	Nrxn1
ENSMUSG00000045327	2.246342797	1.167578103	0.00369928	0.01178562	39.8503834	33.9214371	43.4212799	54.2671952	80.0998443	130.598046	6330549D23Rik
ENSMUSG00000107205	4.334846655	2.115980959	0.00370352	0.01179451	6.2921658	5.65357285	10.6140906	11.5112232	29.1272161	58.4254418	Gm42576
ENSMUSG00000044689	5.16472521	2.368691592	0.0037124	0.01181818	5.2434715	6.78428742	1.92983466	42.755972	15.4738336	12.6015659	Gm13749
ENSMUSG00000045094	4.300426528	2.104479757	0.00371493	0.01182391	7.3408601	5.65357285	1.92983466	23.8446767	24.5760886	14.8927597	Arhgef37
ENSMUSG00000108218	2.318884188	1.213430769	0.00372525	0.01185311	55.5807979	37.3135808	54.0353705	170.201658	110.137286	59.5710387	Olfr1372-ps1
ENSMUSG00000063130	4.003870651	2.001395367	0.00374549	0.0119049	10.486943	2.26142914	6.75442131	36.1781301	18.2045101	24.0575349	Calml3
ENSMUSG00000086845	0.296213332	-1.755291519	0.00374827	0.01191143	22.0225803	35.0521517	27.0176853	4.11115115	11.8329315	9.16477518	Gm13010
ENSMUSG00000030124	2.173094354	1.119750817	0.00377324	0.01197909	62.921658	37.3135808	41.4914452	69.8895696	92.8430013	146.636403	Lag3
ENSMUSG00000105383	0.439068798	-1.187481081	0.00377799	0.01199185	82.8468497	55.4050139	87.8074771	42.755972	37.3192456	18.3295504	Gm42641
ENSMUSG00000043155	0.36417924	-1.457279412	0.00379585	0.0120462	33.5582176	28.2678643	33.7721066	9.04453253	15.4738336	10.3103721	Hpdl
ENSMUSG00000097136	2.767043697	1.468345427	0.0038055	0.01207445	23.0712746	23.745006	21.2281813	27.1335976	69.1771382	92.7933487	Gm26772
ENSMUSG00000037991	3.256672608	1.703398694	0.00381927	0.01211343	6.2921658	11.3071457	9.6491733	18.9112953	40.0499221	29.7855193	Rmi2
ENSMUSG00000066952	0.451679959	-1.146627193	0.00383336	0.01215576	97.5285699	124.378603	75.2635518	62.4894975	25.4863141	45.8238759	Myo1h
ENSMUSG00000038193	0.243123936	-2.040236156	0.00383473	0.01215773	16.7791088	21.4835768	24.1229333	2.46669069	8.19202953	4.58238759	Hand2
ENSMUSG00000041476	13.77636411	3.784123274	0.00384665	0.01219316	40.8990777	3.39214371	8.68425597	43.5782022	566.160263	120.287674	Smpx
ENSMUSG00000084998	0.413894046	-1.272666601	0.00386865	0.01225812	52.434715	42.9671537	31.8422719	16.4446046	20.0249611	16.0383566	Gm16279
ENSMUSG00000040441	2.501935661	1.32304469	0.00389237	0.0123189	49.2886321	18.0914331	19.2983466	81.4007928	75.5487168	59.5710387	Slc26a10
ENSMUSG00000091955	3.023244706	1.596097758	0.00400837	0.01264919	7.3408601	10.1764311	10.6140906	20.5557558	32.7681181	32.0767131	Gm9844
ENSMUSG00000050967	3.27588951	1.711886698	0.00401689	0.01267116	13.6330259	5.65357285	7.71933864	27.1335976	21.8454121	40.0958914	Creg2
ENSMUSG00000102437	0.339264765	-1.559516491	0.00402109	0.01268195	26.2173575	30.5292934	31.8422719	7.40007207	14.563608	8.01917828	Gm38048
ENSMUSG00000010154	2.997568225	1.58379259	0.0040955	0.01289916	15.7304145	7.91500199	6.75442131	30.4225185	31.8578926	28.6399224	Spire2
ENSMUSG00000087632	2.743036662	1.455773905	0.00413993	0.0130265	35.6556062	27.1371497	16.4035946	33.7114394	81.9202953	101.958124	Gm6058
ENSMUSG00000037681	4.517988799	2.175680694	0.00419679	0.0131876	3.1460829	13.5685748	2.89475199	45.2226627	20.0249611	21.7663411	Esyt3
ENSMUSG00000014030	7.195904992	2.847176139	0.00425094	0.01333719	3.1460829	2.26142914	2.89475199	3.28892092	32.7681181	24.0575349	Pax5
ENSMUSG00000043333	3.222939195	1.68837697	0.0042789	0.01341972	5.2434715	16.9607186	6.75442131	29.6002883	31.8578926	30.9311162	Rhbdl2
ENSMUSG00000089651	4.038656922	2.013875596	0.00431336	0.01351481	3.1460829	23.745006	8.68425597	27.9558278	37.3192456	77.900589	Gm16353
ENSMUSG00000019767	3.1920745	1.674494323	0.00432672	0.01354886	13.6330259	16.9607186	6.75442131	61.6672673	30.9476671	25.2031317	Ccdc170
ENSMUSG00000055489	11.91787379	3.575054969	0.00437727	0.01369399	48.2399378	9.04571656	8.68425597	47.6893534	635.337401	103.103721	Ano5
ENSMUSG00000052861	2.831481341	1.501557023	0.00438886	0.01372123	9.4382487	7.91500199	12.5439253	26.3113674	29.1272161	29.7855193	Dnah6
ENSMUSG00000091898	3.711970572	1.892185273	0.00438804	0.01372123	17.8278031	30.5292934	25.0878506	23.0224464	59.1646577	191.314682	Tnnc1
ENSMUSG00000051985	24.55657176	4.618037261	0.00447503	0.01395887	36.7043005	2.26142914	0.96491733	43.5782022	771.871227	164.965953	Igfn1
ENSMUSG00000047462	5.83263265	2.544147213	0.00448207	0.01397623	7.3408601	1.13071457	1.92983466	22.2002162	29.1272161	9.16477518	A530099J19Rik
ENSMUSG00000033044	10.70880804	3.420726003	0.00448783	0.01399153	45.0938549	6.78428742	17.3685119	48.5115836	597.10793	96.2301394	Dhrs7c
ENSMUSG00000107370	3.773111821	1.915754857	0.00452681	0.01410224	10.486943	6.78428742	2.89475199	17.2668348	25.4863141	33.22231	Gm43588
ENSMUSG00000109268	4.734017048	2.243064901	0.00452912	0.01410677	6.2921658	3.39214371	3.85966932	11.5112232	15.4738336	37.8046976	9530078K11Rik
ENSMUSG00000002068	2.341954666	1.227713149	0.00453865	0.01413375	33.5582176	15.830004	17.3685119	47.6893534	52.7930792	56.134248	Ccne1
ENSMUSG00000041272	2.377758031	1.249601909	0.00458764	0.01427266	27.2660518	11.3071457	30.8773546	55.0894254	52.7930792	58.4254418	Tox
ENSMUSG00000071078	2.223921825	1.153106076	0.00461865	0.01435817	31.460829	31.660008	27.0176853	41.1115115	71.9078147	88.2109611	Nr2c2ap
ENSMUSG00000043811	2.946831147	1.559164396	0.00462809	0.01438203	19.9251917	6.78428742	13.5088426	40.2892813	26.3965396	52.6974573	Rtn4r
ENSMUSG00000027454	2.194887583	1.134147051	0.00465737	0.01445702	34.6069119	29.3985788	24.1229333	45.2226627	61.8953342	87.0653642	Gins1
ENSMUSG00000035456	2.899217629	1.535663633	0.00465754	0.01445702	11.5356373	6.78428742	13.5088426	23.8446767	38.2294711	30.9311162	Prdm8
ENSMUSG00000086108	0.302593207	-1.724548492	0.00465958	0.01446059	25.1686632	29.3985788	21.2281813	11.5112232	6.37157852	4.58238759	Gm5602
ENSMUSG00000064344	0.405200163	-1.303293341	0.00469295	0.01455861	102.772041	52.0128702	40.5265279	21.377986	28.2169906	29.7855193	mt-Tm
ENSMUSG00000026390	9.668851495	3.273344531	0.00469558	0.01456399	1.0486943	4.52285828	1.92983466	1.64446046	51.8828537	18.3295504	Marco
ENSMUSG00000097423	13.27579641	3.730726505	0.00469965	0.01457338	0	13.5685748	15.4386773	53.444965	93.7532268	238.284155	Gm26522

ENSMUSG00000031097	13.68335639	3.774350248	0.00470794	0.01459398	1561.50581	189.960048	312.633215	1409.30261	23603.9677	3230.58325	Tnni2
ENSMUSG00000093514	3.233332139	1.693021714	0.0047125	0.01460535	8.3895544	4.52285828	9.6491733	26.3113674	26.3965396	20.6207442	Gm28727
ENSMUSG00000038670	11.87619982	3.570001367	0.00472361	0.014637	950.117036	350.521517	412.984617	962.009369	17769.4223	1619.87401	Mybpc2
ENSMUSG00000108291	3.2603653	1.705033617	0.00472538	0.01463815	19.9251917	28.2678643	13.5088426	20.5557558	76.4589423	104.249318	Gm44292
ENSMUSG00000054206	0.485918348	-1.041214187	0.00475163	0.01470983	53.4834093	48.6207265	52.1055358	23.8446767	29.1272161	21.7663411	Gzmm
ENSMUSG00000109780	0.340320293	-1.555034914	0.00476637	0.01474986	39.8503834	29.3985788	20.2632639	8.2223023	10.922706	11.455969	Gm45447
ENSMUSG00000031504	2.469409208	1.304165927	0.00481997	0.01489877	37.7529948	39.57501	28.9475199	41.9337417	135.6236	84.7741704	Rab20
ENSMUSG00000068697	12.68286044	3.664808257	0.00482492	0.01491121	404.796	59.9278722	91.6671464	365.070222	5909.18397	782.442681	Myoz1
ENSMUSG00000078922	3.648488808	1.867299028	0.00487085	0.01503607	27.2660518	79.1500199	22.1930986	86.3341742	328.591407	52.6974573	Tgtp1
ENSMUSG00000097860	6.81721643	2.769182786	0.00489952	0.01511312	1.0486943	1.13071457	5.78950398	6.57784184	27.3067651	21.7663411	Gm26857
ENSMUSG00000046080	2.036739554	1.026261509	0.00490575	0.0151266	94.382487	40.7057245	51.1406185	120.867844	152.917885	105.394915	Clec9a
ENSMUSG00000087294	5.473525743	2.452470437	0.00494425	0.01522803	5.2434715	2.26142914	7.71933864	5.75561161	31.8578926	46.9694728	Gm13556
ENSMUSG00000067261	2.783032116	1.476657557	0.00494805	0.01523229	15.7304145	26.0064351	6.75442131	45.2226627	48.2419517	40.0958914	Foxd3
ENSMUSG00000107136	5.380913803	2.427851196	0.00495223	0.0152411	4.1947772	2.26142914	4.82458665	6.57784184	21.8454121	33.22231	Gm42466
ENSMUSG00000111512	0.219263021	-2.189265577	0.00496054	0.01526088	12.5843316	30.5292934	15.4386773	6.57784184	3.64090201	2.2911938	AC112680.1
ENSMUSG00000103970	5.661900558	2.501286411	0.00497299	0.01529341	4.1947772	5.65357285	4.82458665	4.93338138	23.6658631	54.9886511	Gm37678
ENSMUSG00000022044	0.483683413	-1.04786503	0.00502102	0.01542656	74.4572953	88.1957365	61.7547091	24.6669069	35.4987946	49.2606666	Stmn4
ENSMUSG00000047281	2.020347042	1.014603131	0.00502804	0.01544231	87.0416269	94.9800239	74.2986344	102.778779	152.917885	263.487286	Sfn
ENSMUSG00000029372	2.582145083	1.368570064	0.00503464	0.01545677	45.0938549	24.8757205	15.4386773	55.9116557	57.3442067	107.686108	Ppbp
ENSMUSG00000022579	2.057664219	1.041007575	0.00504476	0.01547616	284.196155	128.901461	95.5268157	326.425401	302.194867	418.142868	Gpihbp1
ENSMUSG00000104512	5.568150764	2.477198274	0.00504657	0.01547882	5.2434715	3.39214371	1.92983466	7.40007207	17.2942846	34.3679069	Gm37165
ENSMUSG00000086199	2.798984563	1.48490353	0.00511959	0.0156674	18.8764974	14.6992894	19.2983466	23.0224464	52.7930792	73.3182014	Bcas3os1
ENSMUSG00000055027	12.61524252	3.657096036	0.00516734	0.01579573	114.307679	18.0914331	25.0878506	114.290002	1685.73763	186.732294	Smyd1
ENSMUSG00000002032	0.450955471	-1.148943112	0.00517834	0.01582114	48.2399378	56.5357285	53.0704532	18.9112953	33.6783436	18.3295504	Tmem25
ENSMUSG00000065847	3.781252295	1.918864113	0.00517857	0.01582114	7.3408601	9.04571656	8.68425597	12.3334535	28.2169906	54.9886511	Gm25188
ENSMUSG00000090125	2.82551148	1.498512051	0.00518808	0.01584129	9.4382487	13.5685748	8.68425597	23.0224464	36.4090201	29.7855193	Pou3f1
ENSMUSG00000097625	0.240168133	-2.057883355	0.00521167	0.01589545	23.0712746	24.8757205	10.6140906	4.11115115	6.37157852	3.43679069	Gm26561
ENSMUSG00000085645	0.384997463	-1.377079158	0.00522371	0.0159198	47.1912435	49.7514411	74.2986344	35.3558999	11.8329315	18.3295504	Hoxb5os
ENSMUSG00000029072	0.453714091	-1.140144627	0.0052335	0.01593816	38.8016891	44.0978682	55.0002878	17.2668348	22.7556376	22.911938	Tas1r3
ENSMUSG00000104030	2.291505338	1.196295646	0.00524998	0.01598237	77.6033782	63.3200159	66.5792958	70.7117998	152.007659	254.322511	5330406M23Rik
ENSMUSG00000004371	3.232227462	1.692528729	0.00525953	0.01600847	8.3895544	4.52285828	11.579008	19.7335255	27.3067651	33.22231	Il11
ENSMUSG00000079022	0.351331925	-1.509093416	0.00532458	0.01619737	28.3147461	35.0521517	24.1229333	9.86676276	13.6533825	6.87358139	Col22a1
ENSMUSG00000087221	0.388556513	-1.363803651	0.00535244	0.01627606	71.3112124	74.6271616	69.4740478	50.156044	15.4738336	17.1839535	BC037032
ENSMUSG00000062151	0.283627487	-1.817930742	0.00536239	0.01630327	23.0712746	29.3985788	21.2281813	9.86676276	8.19202953	2.2911938	Unc13c
ENSMUSG00000030708	3.405799293	1.767993418	0.00537454	0.01633413	8.3895544	6.78428742	6.75442131	23.0224464	15.4738336	36.6591007	Dnajb13
ENSMUSG00000021714	3.056673486	1.611962452	0.00538345	0.0163551	15.7304145	6.78428742	8.68425597	20.5557558	36.4090201	38.9502945	Cenpk
ENSMUSG00000103693	2.950810836	1.561111439	0.00541052	0.01643119	26.2173575	16.9607186	19.2983466	22.2002162	69.1771382	93.9389456	Gm37529
ENSMUSG00000017453	0.449633901	-1.153177281	0.00542379	0.01646535	81.7981554	90.4571656	124.474336	64.133958	46.4215007	21.7663411	Pipox
ENSMUSG00000061723	14.28632202	3.836562641	0.00543098	0.01648413	3822.49072	687.474459	894.478365	3812.68158	65511.6601	7885.14345	Tnnt3
ENSMUSG00000024459	3.393820754	1.76291037	0.00543655	0.01649489	8.3895544	11.3071457	4.82458665	19.7335255	40.9601476	21.7663411	H2-M5
ENSMUSG00000028017	2.789926626	1.48022718	0.0054652	0.01657257	32.5095233	20.3528623	18.3334293	40.2892813	115.598639	42.3870852	Egf
ENSMUSG00000040694	7.862362903	2.974962956	0.00546447	0.01657257	89.1390155	36.1828662	39.5616105	83.8674835	1039.47752	172.985132	Apobec2
ENSMUSG00000041012	2.063598528	1.045162323	0.00549939	0.01666692	37.7529948	39.57501	27.9826026	49.3338138	80.0998443	88.2109611	Cmtm8
ENSMUSG00000108486	2.684604365	1.424709491	0.00549928	0.01666692	24.1199689	39.57501	22.1930986	32.066979	86.4714228	112.268496	Gm44836
ENSMUSG00000053046	2.650786504	1.406420479	0.00550462	0.01667967	12.5843316	14.6992894	13.5088426	26.3113674	30.9476671	51.5518604	Brsk2
ENSMUSG00000085771	3.01554858	1.592420477	0.00551276	0.01670122	10.486943	11.3071457	13.5088426	17.2668348	41.8703731	48.1150697	C230066G23Rik
ENSMUSG00000025478	3.195705013	1.676134243	0.00551816	0.0167145	7.3408601	5.65357285	7.71933864	21.377986	20.0249611	25.2031317	Dpysl4
ENSMUSG00000056468	0.378257728	-1.402558537	0.0055339	0.01675748	77.6033782	124.378603	86.8425597	66.6006487	25.4863141	16.0383566	5730596B20Rik
ENSMUSG00000029716	2.675787828	1.419963724	0.00558665	0.0169031	29.3634404	9.04571656	15.4386773	50.9782743	36.4090201	57.2798449	Tfr2
ENSMUSG00000001497	0.415563335	-1.266859723	0.00558798	0.01690399	51.3860207	32.7907225	34.7370239	19.7335255	14.563608	14.8927597	Pax9
ENSMUSG00000038508	2.195379554	1.134470386	0.00559133	0.01691096	22.0225803	24.8757205	18.3334293	37.0003604	54.6135302	51.5518604	Gdf15
ENSMUSG00000092373	0.226461756	-2.14266066	0.00563776	0.01703559	14.6817202	23.745006	18.3334293	4.11115115	7.28180402	1.1455969	Gm20535
ENSMUSG00000030592	13.35699139	3.739523178	0.0057048	0.01720306	645.995689	91.5878802	113.860245	565.694398	9686.6198	1120.39377	Ryr1
ENSMUSG00000073207	2.578049957	1.36628022	0.00573067	0.01725872	12.5843316	14.6992894	10.6140906	35.3558999	36.4090201	25.2031317	Ccdc160
ENSMUSG00000079278	11.41604592	3.512991138	0.00573018	0.01725872	41.947772	13.5685748	8.68425597	35.3558999	621.684019	75.6093952	Tmem233
ENSMUSG00000030399	13.962995	3.803536521	0.00575012	0.01731043	3875.97413	649.030163	1072.98807	3871.05992	66938.8937	7354.73208	Ckm
ENSMUSG00000030825	4.211010142	2.07416635	0.00575102	0.01731043	8.3895544	3.39214371	1.92983466	18.9112953	19.1147356	19.4751473	Hsd17b14
ENSMUSG00000021087	2.023756787	1.017035919	0.00577029	0.01735881	56.6294922	26.0064351	42.4563625	69.0673393	90.1123248	95.0845425	Rtn1
ENSMUSG00000023911	0.490640738	-1.027261068	0.00578049	0.01737838	52.434715	65.5814451	71.4038824	33.7114394	21.8454121	37.8046976	Flywch2
ENSMUSG00000109735	0.380773051	-1.392996719	0.0058349	0.01750792	28.3147461	33.9214371	26.0527679	12.3334535	11.8329315	9.16477518	Gm45667
ENSMUSG00000039578	3.10177265	1.633092945	0.00588257	0.01763471	10.486943	4.52285828	9.6491733	30.4225185	24.5760886	21.7663411	Ccser1
ENSMUSG00000018822	3.209874551	1.682516915	0.00589997	0.01767065	75.5059896	62.1893014	34.7370239	83.8674835	402.319672	66.4446201	Sfrp5
ENSMUSG00000086541	2.321223314	1.214885324	0.00593466	0.01776801	17.8278031	15.830004	13.5088426	35.3558999	37.3192456	36.6591007	Has2os
ENSMUSG00000105962	2.537729597	1.343538354	0.00593895	0.01777431	46.1425492	40.7057245	29.9124372	40.2892813	101.035031	155.801178	Gm42432
ENSMUSG00000085636	2.94697903	1.559236795	0.00596553	0.01784075	9.4382487	10.1764311	11.579008	20.5557558	26.3965396	45.8238759	Gm11769
ENSMUSG00000029797	3.736697147	1.90176364	0.00602928	0.01801817	18.8764974	6.78428742	3.85966932	57.5561161	29.1272161	22.911938	Sspo
ENSMUSG00000029530	4.105934884	2.037710748	0.00608971	0.01816214	2.0973886	9.04571656	7.71933864	13.1556837	24.5760886	40.0958914	Ccr9
ENSMUSG00000006457	13.48410512	3.753187875	0.00609719	0.01818112	1396.86081	265.717924	484.3885	1323.79067	25388.92	2237.35074	Actn3
ENSMUSG00000067389	0.42036223	-1.250295048	0.00610591	0.01820379	59.7755751	123.247888	53.0704532	45.2226627	23.6658631	29.7855193	Gm17080
ENSMUSG00000090164	3.992801645	1.997401403	0.00610992	0.01821243	4.1947772	14.6992894	2.89475199	18.0890651	39.1396966	28.6399224	BC035044
ENSMUSG00000037904	0.443175336	-1.174050502	0.00612887	0.01826557	510.714124	478.292263	455.44098	124.978995	406.8708	107.686108	Ankrd9
ENSMUSG00000020067	12.66037488	3.66224822	0.00616613	0.01836654	61.8729637	7.91500199	9.6491733	63.3117277	834.676786	107.686108	Mypn
ENSMUSG00000103094	7.992922967	2.998723185	0.00616834	0.01836976	3.1460829	0	4.82458665	4.93338138	14.563608	45.8238759	Gm37558
ENSMUSG00000046345	6.790639791	2.763547507	0.00620568	0.01845733	20.973886	2.26142914	2.89475199	9.04453253	141.995178	26.3487286	Smco1
ENSMUSG00000046610	3.612241444	1.852894327	0.00622779	0.01851298	6.2921658	6.78428742	3.85966932	17.2668348	16.3840591	27.4943255	Oacyl
ENSMUSG00000039057	3.762359121	1.911637562	0.00623359	0.01852345	3.1460829	5.65357285	6.75442131	13.9779139	20.9351866	24.0575349	Myo16
ENSMUSG00000085058	4.045496696	2.016316844	0.00627945	0.01864289	5.2434715	5.65357285	2.89475199	12.3334535	18.2045101	25.2031317	8030453O22Rik

ENSMUSG00000107586	5.930916305	2.568255013	0.00636555	0.018888	4.1947772	5.65357285	1.92983466	4.11115115	25.4863141	40.0958914	Gm44283
ENSMUSG00000079564	0.241390053	-2.050561868	0.00641023	0.01900676	12.5843316	18.0914331	19.2983466	5.75561161	2.73067651	3.43679069	Gm11149
ENSMUSG00000048498	4.702445792	2.233411313	0.00642648	0.01904454	6.2921658	5.65357285	1.92983466	14.8001441	38.2294711	11.455969	Cd300e
ENSMUSG00000025330	3.696841335	1.886293126	0.00649396	0.01923751	13.6330259	6.78428742	3.85966932	14.8001441	42.7805986	32.0767131	Padi4
ENSMUSG00000044544	0.282338377	-1.824502853	0.00652274	0.01930522	16.7791088	23.745006	18.3334293	7.40007207	5.46135302	3.43679069	4921513I03Rik
ENSMUSG00000015533	4.385567367	2.132763498	0.00654075	0.01934799	4.1947772	19.2221477	5.78950398	75.6451812	38.2294711	12.6015659	Itga2
ENSMUSG00000046456	4.132002361	2.046841079	0.00659748	0.01950165	1.0486943	12.4378603	4.82458665	26.3113674	25.4863141	22.911938	Tmem150b
ENSMUSG00000032537	2.454260958	1.295288657	0.00669387	0.01976506	25.1686632	41.8364391	22.1930986	44.4004324	59.1646577	115.705287	Ephb1
ENSMUSG00000086451	2.759408067	1.464358821	0.00670152	0.01978046	9.4382487	31.660008	11.579008	54.2671952	37.3192456	52.6974573	4933431K23Rik
ENSMUSG00000028457	3.379137235	1.756654943	0.00674121	0.01988428	11.5356373	4.52285828	5.78950398	16.4446046	29.1272161	28.6399224	Atp8b5
ENSMUSG00000050368	2.629082378	1.394559347	0.00674157	0.01988428	20.973886	10.1764311	9.6491733	41.9337417	31.8578926	33.22231	Hoxd10
ENSMUSG00000038403	6.465622142	2.692789197	0.00674889	0.01989865	192.959751	88.1957365	107.105824	166.912737	1928.76784	414.706077	Hfe2
ENSMUSG00000040264	34.10972792	5.092111342	0.00676037	0.01992891	0	4.52285828	0	6.57784184	109.22706	35.5135038	Gbp2b
ENSMUSG00000103367	2.949866447	1.560649639	0.00677479	0.01996419	11.5356373	4.52285828	13.5088426	25.4891371	27.3067651	35.5135038	Gm38158
ENSMUSG00000104213	3.746552248	1.905563571	0.00693359	0.02036953	5.2434715	6.78428742	3.85966932	14.8001441	28.2169906	16.0383566	Ighd
ENSMUSG00000094840	2.929112082	1.550463399	0.00695558	0.02041573	12.5843316	6.78428742	8.68425597	20.5557558	35.4987946	26.3487286	Muc3a
ENSMUSG00000047988	2.55552429	1.353619304	0.00701297	0.02057306	32.5095233	46.3592974	34.7370239	38.6448208	91.0225503	161.529163	4933428G20Rik
ENSMUSG00000106057	4.665269905	2.221960549	0.00706385	0.02071113	6.2921658	9.04571656	4.82458665	5.75561161	34.5885691	53.8430542	Gm43560
ENSMUSG00000041954	2.347160397	1.230916434	0.00707306	0.02073069	35.6556062	41.8364391	21.2281813	110.178851	77.3691678	42.3870852	Tnfrsf18
ENSMUSG00000007279	3.115272883	1.639358542	0.00717952	0.02103514	8.3895544	42.9671537	14.47376	92.0897858	37.3192456	74.4637983	Scube2
ENSMUSG00000022949	4.075316371	2.026912062	0.00722961	0.02116288	4.1947772	2.26142914	5.78950398	13.1556837	19.1147356	18.3295504	Clic6
ENSMUSG00000024972	2.029750206	1.021302191	0.00730859	0.0213672	427.867274	228.404343	152.456938	746.585049	347.706142	546.44972	Lgals12
ENSMUSG00000056880	8.48248218	3.084486494	0.00733107	0.02141756	8.3895544	4.52285828	0	3.28892092	83.7407463	21.7663411	Gadl1
ENSMUSG00000103621	2.960513124	1.565847249	0.00737699	0.0215324	18.8764974	18.0914331	13.5088426	20.5557558	43.6908241	85.9197673	Gm38366
ENSMUSG00000105568	0.487472717	-1.036606618	0.00738473	0.02155114	104.86943	154.907896	70.4389651	42.755972	45.5112752	73.3182014	Gm42971
ENSMUSG00000071226	2.453993728	1.295131562	0.00741107	0.02161639	28.3147461	24.8757205	9.6491733	43.5782022	62.8055597	46.9694728	Cecr2
ENSMUSG00000032561	2.451112954	1.293436969	0.00759216	0.02208531	15.7304145	12.4378603	18.3334293	27.9558278	50.9726282	35.5135038	Acpp
ENSMUSG00000024347	3.618748742	1.855490941	0.00762491	0.02216871	8.3895544	4.52285828	3.85966932	24.6669069	21.8454121	13.7471628	Psd2
ENSMUSG00000044528	2.750807436	1.459855151	0.0077088	0.02238065	13.6330259	6.78428742	20.2632639	38.6448208	26.3965396	48.1150697	Tram1l1
ENSMUSG00000107362	2.614233968	1.386388265	0.00772538	0.0224208	38.8016891	41.8364391	29.9124372	34.5336697	93.7532268	161.529163	Gm40309
ENSMUSG00000027762	3.085368661	1.625442883	0.0077564	0.02250683	20.973886	10.1764311	3.85966932	37.0003604	32.7681181	37.8046976	Sucnr1
ENSMUSG00000041406	2.285842677	1.192726114	0.00776845	0.02253376	14.6817202	20.3528623	14.47376	41.9337417	31.8578926	38.9502945	BC055324
ENSMUSG00000031428	0.490972326	-1.026286386	0.00778067	0.02256116	54.5321036	50.8821557	49.2107838	27.1335976	18.2045101	30.9311162	Zcchc18
ENSMUSG00000105861	2.537446002	1.343377121	0.00783036	0.02268507	14.6817202	12.4378603	11.579008	23.0224464	35.4987946	40.0958914	Gm43508
ENSMUSG00000073565	2.080539292	1.056957535	0.00784504	0.02271951	53.4834093	32.7907225	28.9475199	108.53439	62.8055597	67.590217	Prr16
ENSMUSG00000036587	4.619377369	2.207698409	0.00787437	0.02280042	2.0973886	4.52285828	7.71933864	9.04453253	38.2294711	19.4751473	Fut7
ENSMUSG00000111254	3.125681892	1.644170959	0.00790746	0.0228759	15.7304145	11.3071457	11.579008	16.4446046	36.4090201	68.7358139	Gm48717
ENSMUSG00000054072	3.495156937	1.805357236	0.00796172	0.02300837	441.5003	1104.70814	505.616681	1060.677	3980.41612	2129.66463	Iigp1
ENSMUSG00000031972	13.43771968	3.748216435	0.00797684	0.02303981	5006.46659	822.029493	1068.16348	4240.2413	79108.6087	9326.30434	Acta1
ENSMUSG00000074505	3.087623711	1.626496942	0.0079838	0.02305583	9.4382487	16.9607186	5.78950398	37.8225906	41.8703731	18.3295504	Fat3
ENSMUSG00000087090	14.63803049	3.87164955	0.00799845	0.02308993	39.8503834	2.26142914	2.89475199	46.8671231	508.816056	103.103721	Nctc1
ENSMUSG00000029136	2.048161348	1.034329371	0.00801466	0.02313265	18.8764974	22.6142914	29.9124372	50.9782743	46.4215007	49.2606666	Rbks
ENSMUSG00000085022	0.249546935	-2.002616912	0.00805739	0.02323128	20.973886	23.745006	37.6317759	2.46669069	14.563608	3.43679069	Gm5860
ENSMUSG00000073680	2.590862218	1.373432295	0.00805937	0.02323289	17.8278031	9.04571656	10.6140906	30.4225185	39.1396966	27.4943255	Tmem88b
ENSMUSG00000067219	4.147530937	2.052252743	0.00813712	0.02343628	3.1460829	5.65357285	2.89475199	11.5112232	17.2942846	19.4751473	Nipal1
ENSMUSG00000043664	2.595589547	1.376062261	0.00814137	0.02344439	8.3895544	13.5685748	14.47376	24.6669069	39.1396966	30.9311162	Tmem221
ENSMUSG00000070473	0.496164422	-1.011109807	0.008261	0.02374271	60.8242694	67.8428742	58.8599572	21.377986	29.1272161	43.5326821	Cldn3
ENSMUSG00000031495	2.632964688	1.396688173	0.00827249	0.02376737	36.7043005	14.6992894	10.6140906	43.5782022	50.0624027	69.8814108	Cd209d
ENSMUSG00000011305	0.373586575	-1.420485481	0.00827606	0.02377343	267.417046	65.5814451	66.5792958	50.9782743	40.0499221	58.4254418	Plin5
ENSMUSG00000026424	2.260390416	1.176571978	0.00828689	0.02380033	28.3147461	21.4835768	16.4035946	65.7784184	47.3317262	35.5135038	Gpr37l1
ENSMUSG00000023031	2.271369708	1.183562551	0.00839351	0.02407685	31.460829	15.830004	25.0878506	37.0003604	56.4339812	72.1726046	Cela1
ENSMUSG00000039814	5.25895999	2.394777521	0.00847635	0.02429737	8.3895544	1.13071457	0.96491733	16.4446046	23.6658631	14.8927597	Xkr5
ENSMUSG00000034438	3.519448596	1.815349415	0.0085235	0.02441105	14.6817202	68.9735888	23.1580159	51.8005045	262.144945	60.7166356	Gbp8
ENSMUSG00000102448	3.041797921	1.604924312	0.008566	0.02451986	9.4382487	13.5685748	12.5439253	17.2668348	30.9476671	60.7166356	Gm37101
ENSMUSG00000086069	3.809991536	1.929787793	0.00862481	0.02466794	13.6330259	6.78428742	8.68425597	9.04453253	41.8703731	60.7166356	Gm13708
ENSMUSG00000107792	4.076600069	2.027366429	0.00864543	0.02471249	6.2921658	1.13071457	5.78950398	20.5557558	20.0249611	13.7471628	Gm43914
ENSMUSG00000104210	0.340271229	-1.555242923	0.00869152	0.02482247	28.3147461	39.57501	29.9124372	4.11115115	13.6533825	16.0383566	Gm37984
ENSMUSG00000039021	0.261320363	-1.936108543	0.00870051	0.0248438	28.3147461	31.660008	12.5439253	10.688993	5.46135302	2.2911938	Ttc16
ENSMUSG00000086298	13.26277798	3.729311084	0.00870883	0.02486319	4.1947772	0	0	2.46669069	42.7805986	10.3103721	Gm11716
ENSMUSG00000052133	2.041827298	1.029860845	0.00872742	0.02490755	44.0451606	36.1828662	33.7721066	111.823311	53.7033047	66.4446201	Sema5b
ENSMUSG00000107780	4.989000721	2.318750878	0.00875491	0.02497725	3.1460829	3.39214371	4.82458665	11.5112232	8.19202953	37.8046976	9530013L04Rik
ENSMUSG00000110282	3.870609389	1.952560722	0.00882997	0.02516936	8.3895544	11.3071457	11.579008	7.40007207	54.6135302	59.5710387	B930086L07Rik
ENSMUSG00000025216	5.329940764	2.414119499	0.00886944	0.02527034	31.460829	6.78428742	8.68425597	6.57784184	192.057581	51.5518604	Lbx1
ENSMUSG00000044201	4.079616497	2.028433538	0.00887005	0.02527034	3.1460829	13.5685748	1.92983466	18.0890651	28.2169906	28.6399224	Cdc25c
ENSMUSG00000037996	3.438385063	1.781731121	0.00893919	0.02544951	10.486943	4.52285828	3.85966932	23.0224464	25.4863141	16.0383566	Slc24a2
ENSMUSG00000027895	0.171044123	-2.547559564	0.00895141	0.02547984	310.413513	456.808686	466.055071	19.7335255	169.301944	21.7663411	Kcnc4
ENSMUSG00000029121	2.979403669	1.575023602	0.00895828	0.02549496	9.4382487	9.04571656	7.71933864	21.377986	18.2045101	38.9502945	Crmp1
ENSMUSG00000096950	4.953125534	2.308339186	0.00899446	0.0255842	4.1947772	0	6.75442131	13.9779139	16.3840591	25.2031317	Gm9530
ENSMUSG00000044938	6.765859994	2.758273324	0.0090214	0.02564325	100.674653	59.9278722	110.000576	97.0231672	1476.38577	257.759302	Klhl31
ENSMUSG00000021211	4.174906042	2.061743729	0.00906818	0.02575747	5.2434715	2.26142914	3.85966932	13.1556837	21.8454121	12.6015659	Akr1c12
ENSMUSG00000103959	0.411853631	-1.279796386	0.0090774	0.02577544	249.589243	345.998658	182.369375	34.5336697	99.2145798	187.877891	Gm37720
ENSMUSG00000084744	4.511416512	2.173580488	0.00909906	0.02582794	5.2434715	2.26142914	6.75442131	9.04453253	16.3840591	40.0958914	Gm25291
ENSMUSG00000029212	2.52359732	1.335481724	0.00910736	0.02584588	13.6330259	16.9607186	10.6140906	38.6448208	22.7556376	42.3870852	Gabrb1
ENSMUSG00000085095	3.034673321	1.601541221	0.00916964	0.02600111	14.6817202	10.1764311	15.4386773	64.133958	42.7805986	14.8927597	Gm15635
ENSMUSG00000085274	4.380676497	2.131153679	0.00920336	0.02608766	4.1947772	4.52285828	2.89475199	9.04453253	14.563608	27.4943255	BC046401
ENSMUSG00000108655	2.503499355	1.323946084	0.00925844	0.02622097	48.2399378	21.4835768	27.9826026	36.1781301	93.7532268	115.705287	Gm44949
ENSMUSG00000032586	2.298753247	1.200851612	0.00927771	0.02626644	15.7304145	13.5685748	19.2983466	28.7780581	44.6010496	38.9502945	Traip

ENSMUSG00000027939	2.233740373	1.159461511	0.00937163	0.0264909	14.6817202	21.4835768	16.4035946	38.6448208	31.8578926	46.9694728	Nup210l
ENSMUSG00000022464	2.083892524	1.059280873	0.00937682	0.02650097	63.9703523	65.5814451	65.6143785	118.401153	217.543895	69.8814108	Slc38a4
ENSMUSG00000076508	8.268261544	3.047584025	0.00944002	0.02666112	6.2921658	0	0	18.0890651	24.5760886	9.16477518	Igkv17-127
ENSMUSG00000044092	2.634412934	1.3974815	0.00946161	0.02671746	8.3895544	28.2678643	14.47376	31.2447488	53.7033047	49.2606666	C130050O18Rik
ENSMUSG00000057346	2.887798375	1.529970017	0.00954621	0.02691062	15.7304145	56.5357285	19.2983466	36.1781301	111.957737	115.705287	Apol9a
ENSMUSG00000103046	0.454456988	-1.137784337	0.00956887	0.02696426	70.2625181	89.326451	66.5792958	53.444965	30.9476671	17.1839535	Gm37309
ENSMUSG00000067297	3.569469807	1.835709799	0.00957246	0.0269697	3.1460829	11.3071457	6.75442131	13.9779139	37.3192456	24.0575349	Ifit1bl2
ENSMUSG00000091952	0.397870312	-1.329629843	0.00959829	0.02703315	36.7043005	62.1893014	27.0176853	22.2002162	13.6533825	13.7471628	Gm17709
ENSMUSG00000100131	0.498892969	-1.003197757	0.00966355	0.02719814	126.89201	64.4507305	60.7897918	40.2892813	40.9601476	44.678279	Gm28439
ENSMUSG00000037846	2.704684224	1.435460167	0.0097316	0.02737074	7.3408601	11.3071457	8.68425597	24.6669069	22.7556376	26.3487286	Rtkn2
ENSMUSG00000027636	2.9815764	1.576075305	0.0097897	0.02751236	6.2921658	6.78428742	8.68425597	18.0890651	26.3965396	20.6207442	Sla2
ENSMUSG00000107529	2.291471306	1.196274221	0.00980214	0.02754063	39.8503834	31.660008	20.2632639	41.1115115	65.5362362	104.249318	Gm44291
ENSMUSG00000102133	3.816207558	1.93213964	0.00987723	0.02771337	5.2434715	6.78428742	9.6491733	8.2223023	41.8703731	33.22231	Gm37106
ENSMUSG00000021260	2.286505369	1.193144307	0.0098864	0.02773434	31.460829	30.5292934	53.0704532	138.134679	76.4589423	48.1150697	Hhipl1
ENSMUSG00000058101	3.560304682	1.832000709	0.00989163	0.02774423	5.2434715	10.1764311	4.82458665	13.1556837	20.0249611	38.9502945	1700084J12Rik
ENSMUSG00000022422	3.038030846	1.603136518	0.01002439	0.02807793	10.486943	4.52285828	7.71933864	25.4891371	26.3965396	17.1839535	Dscc1
ENSMUSG00000027022	11.80000991	3.560716166	0.01008178	0.02822898	579.927948	98.3721676	96.491733	402.070583	7980.85721	759.530743	Xirp2
ENSMUSG00000085192	2.515532936	1.330864079	0.01009809	0.0282601	13.6330259	20.3528623	21.2281813	24.6669069	46.4215007	68.7358139	Gm12195
ENSMUSG00000032589	2.702083304	1.434072153	0.01010754	0.02827682	8.3895544	10.1764311	9.6491733	25.4891371	30.9476671	19.4751473	Bsn
ENSMUSG00000087500	0.396997289	-1.33279894	0.01010731	0.02827682	23.0712746	36.1828662	29.9124372	14.8001441	10.0124805	10.3103721	Gm12426
ENSMUSG00000109097	3.232579046	1.692685649	0.01014551	0.02836845	15.7304145	2.26142914	11.579008	40.2892813	32.7681181	22.911938	Gm29683
ENSMUSG00000105368	0.408153026	-1.292817941	0.01016507	0.02841337	29.3634404	30.5292934	34.7370239	16.4446046	13.6533825	8.01917828	Gm43759
ENSMUSG00000105504	2.003742518	1.002697133	0.01025129	0.02862491	290.488321	612.847297	232.545077	552.538715	1165.99887	555.614495	Gbp5
ENSMUSG00000038663	7.44758621	2.896772919	0.0103793	0.02893773	89.1390155	22.6142914	22.1930986	95.3787067	795.53709	106.540511	Fsd2
ENSMUSG00000022818	3.135341503	1.648622591	0.01039031	0.02896346	5.2434715	10.1764311	4.82458665	18.0890651	20.9351866	24.0575349	Cyp2ab1
ENSMUSG00000039154	0.392666935	-1.348621977	0.01039211	0.02896354	37.7529948	45.2285828	31.8422719	11.5112232	9.10225503	25.2031317	Shd
ENSMUSG00000020297	3.791329288	1.922703764	0.01044961	0.02908401	5.2434715	5.65357285	4.82458665	10.688993	32.7681181	16.0383566	Nsg2
ENSMUSG00000086165	0.398644049	-1.326826962	0.01051111	0.02923519	28.3147461	28.2678643	29.9124372	10.688993	8.19202953	16.0383566	Gm15690
ENSMUSG00000104378	3.068347396	1.617461833	0.01059425	0.02943129	10.486943	14.6992894	7.71933864	14.8001441	33.6783436	52.6974573	Gm37510
ENSMUSG00000003934	3.703475883	1.888879942	0.01065612	0.02956788	9.4382487	4.52285828	5.78950398	15.6223744	43.6908241	13.7471628	Efnb3
ENSMUSG00000042717	7.018016569	2.811063354	0.01067482	0.02960967	84.9442383	20.3528623	34.7370239	75.6451812	780.063256	127.161256	Ppp1r3a
ENSMUSG00000090778	2.665188607	1.414237631	0.01069697	0.02966103	27.2660518	42.9671537	20.2632639	27.9558278	91.9327758	121.433271	Gm3235
ENSMUSG00000097194	3.314742747	1.728896909	0.01069595	0.02966103	15.7304145	27.1371497	2.89475199	32.066979	73.7282657	44.678279	9330175E14Rik
ENSMUSG00000032495	4.369888605	2.127596504	0.01087746	0.03011021	20.973886	6.78428742	5.78950398	18.0890651	111.047511	17.1839535	Lrrc2
ENSMUSG00000076614	2.596728973	1.376695444	0.01093069	0.0302063	36.7043005	65.5814451	41.4914452	45.2226627	230.287052	97.3757363	Ighg1
ENSMUSG00000093594	2.624001496	1.391768543	0.0110306	0.03044625	8.3895544	12.4378603	31.8422719	51.8005045	48.2419517	38.9502945	Gm20707
ENSMUSG00000063354	2.606388453	1.382052118	0.01114805	0.0307236	16.7791088	7.91500199	8.68425597	25.4891371	31.8578926	29.7855193	Slc39a4
ENSMUSG00000099924	4.184084384	2.064911948	0.01114761	0.0307236	13.6330259	2.26142914	3.85966932	11.5112232	42.7805986	28.6399224	Gm28320
ENSMUSG00000010492	4.24164372	2.084623446	0.01127678	0.03103114	10.486943	14.6992894	14.47376	13.1556837	136.533825	18.3295504	Uckl1os
ENSMUSG00000103851	2.326029969	1.217869685	0.01131774	0.03112809	58.7268808	42.9671537	39.5616105	53.444965	82.8305208	193.605876	Gm37606
ENSMUSG00000106332	2.613704028	1.386095782	0.01138878	0.03129782	12.5843316	19.2221477	12.5439253	22.2002162	34.5885691	59.5710387	Gm43506
ENSMUSG00000046480	3.935588062	1.976579222	0.01144314	0.03140682	154.158062	92.7185948	61.7547091	171.023888	821.023404	222.245798	Scn4b
ENSMUSG00000039209	4.46764222	2.159513656	0.01144841	0.03141325	4.1947772	2.26142914	5.78950398	6.57784184	28.2169906	20.6207442	Rpl39l
ENSMUSG00000023045	2.740276658	1.454321555	0.01147894	0.0314864	7.3408601	7.91500199	9.6491733	19.7335255	23.6658631	25.2031317	Soat2
ENSMUSG00000022790	3.141983151	1.651675444	0.01154345	0.03162991	8.3895544	12.4378603	3.85966932	23.8446767	35.4987946	17.1839535	Igsf11
ENSMUSG00000051515	2.934771309	1.553248086	0.01154484	0.03162991	15.7304145	3.39214371	12.5439253	23.0224464	36.4090201	34.3679069	Fam181b
ENSMUSG00000034570	0.481062184	-1.055704699	0.01168126	0.03196606	45.0938549	36.1828662	43.4212799	18.9112953	16.3840591	25.2031317	Inpp5j
ENSMUSG00000054978	0.431054735	-1.214057021	0.0116868	0.03197046	79.7007668	93.8493093	102.281237	18.0890651	70.9975892	29.7855193	Kbtbd13
ENSMUSG00000021991	0.497407196	-1.007500715	0.01170583	0.03200103	54.5321036	74.6271616	44.3861972	31.2447488	33.6783436	20.6207442	Cacna2d3
ENSMUSG00000100680	3.324457191	1.7331188	0.01181428	0.03225963	5.2434715	4.52285828	8.68425597	12.3334535	24.5760886	25.2031317	1810044D09Rik
ENSMUSG00000033597	0.481315909	-1.054943987	0.01183731	0.03231711	44.0451606	56.5357285	76.2284691	38.6448208	20.9351866	25.2031317	Caskin1
ENSMUSG00000028259	2.658592321	1.410662566	0.01184905	0.0323329	37.7529948	32.7907225	38.5966932	178.42396	81.0100698	29.7855193	Fhl5
ENSMUSG00000111864	2.734790093	1.451430104	0.01189513	0.03243692	8.3895544	7.91500199	12.5439253	22.2002162	20.9351866	36.6591007	Rpl26-ps6
ENSMUSG00000028996	2.02706738	1.019394045	0.01197608	0.03263035	34.6069119	24.8757205	42.4563625	49.3338138	62.8055597	96.2301394	Rbp7
ENSMUSG00000111212	2.312768947	1.209621143	0.01200759	0.03269982	97.5285699	99.5028822	76.2284691	67.4228789	213.902993	351.698248	Gm47087
ENSMUSG00000093565	2.24197923	1.164772913	0.01207579	0.03284648	18.8764974	22.6142914	15.4386773	32.066979	36.4090201	59.5710387	Rab26os
ENSMUSG00000019027	2.32386849	1.216528427	0.01211796	0.03293872	26.2173575	13.5685748	20.2632639	62.4894975	29.1272161	48.1150697	Dnah1
ENSMUSG00000085862	0.340460664	-1.554439974	0.01221591	0.03316735	18.8764974	21.4835768	22.1930986	9.86676276	5.46135302	5.72798449	Gm13483
ENSMUSG00000019320	0.374328489	-1.417623243	0.01223576	0.03321571	36.7043005	40.7057245	39.5616105	25.4891371	6.37157852	11.455969	Noxo1
ENSMUSG00000102615	2.262144591	1.177691146	0.01223826	0.03321696	29.3634404	16.9607186	13.5088426	55.9116557	35.4987946	43.5326821	Gm37844
ENSMUSG00000085525	3.275344919	1.711646842	0.01224474	0.03322902	7.3408601	5.65357285	9.6491733	12.3334535	22.7556376	40.0958914	Gm13166
ENSMUSG00000017639	2.180703037	1.12479332	0.01232649	0.03342303	14.6817202	23.745006	14.47376	33.7114394	40.0499221	41.2414883	Rab11fip4
ENSMUSG00000085088	2.645126343	1.403336634	0.01244462	0.0336985	32.5095233	28.2678643	29.9124372	25.4891371	74.6384912	140.908418	4931413K12Rik
ENSMUSG00000029307	2.290013545	1.195356131	0.01245213	0.03371322	10.486943	27.1371497	17.3685119	41.1115115	36.4090201	48.1150697	Dmp1
ENSMUSG00000076749	5.120232079	2.356209203	0.01248275	0.03377368	4.1947772	7.91500199	0	13.1556837	32.7681181	14.8927597	Tcrg-C1
ENSMUSG00000030785	9.670447732	3.273582687	0.01266046	0.03422042	101.723347	11.3071457	20.2632639	69.0673393	1041.29798	178.713116	Cox6a2
ENSMUSG00000087291	0.407771208	-1.294168181	0.01266677	0.0342318	60.8242694	123.247888	69.4740478	59.2005766	28.2169906	14.8927597	Gm11946
ENSMUSG00000105201	2.088459735	1.062439329	0.01271748	0.03434424	41.947772	35.0521517	31.8422719	41.9337417	76.4589423	109.977302	Gm43362
ENSMUSG00000005357	2.896094524	1.53410869	0.01280339	0.03453228	7.3408601	12.4378603	10.6140906	21.377986	19.1147356	48.1150697	Slc1a6
ENSMUSG00000034706	2.922110244	1.547010608	0.01284367	0.03462372	14.6817202	9.04571656	4.82458665	29.6002883	18.2045101	35.5135038	Dnaic2
ENSMUSG00000037016	2.402457829	1.264511107	0.01307495	0.03520216	31.460829	14.6992894	23.1580159	74.822951	63.7157852	27.4943255	Frem2
ENSMUSG00000070526	2.450617256	1.293145178	0.01327945	0.0356981	12.5843316	10.1764311	19.2983466	27.9558278	28.2169906	48.1150697	Peg12
ENSMUSG00000085888	7.203724009	2.848742909	0.01328341	0.03570286	14.6817202	1.13071457	0.96491733	14.8001441	100.124805	5.72798449	Gm12224
ENSMUSG00000043448	2.078314302	1.055413848	0.01330669	0.03575952	33.5582176	19.2221477	22.1930986	46.0448929	41.8703731	68.7358139	Gjc2
ENSMUSG00000104631	3.919383775	1.970626845	0.01337883	0.03594155	9.4382487	5.65357285	6.75442131	6.57784184	28.2169906	51.5518604	Gm43774
ENSMUSG00000048895	2.229294652	1.156587314	0.01339586	0.03596952	44.0451606	19.2221477	29.9124372	64.133958	42.7805986	101.958124	Cdk5r1
ENSMUSG00000073000	0.465035806	-1.104586291	0.01344617	0.0360927	38.8016891	37.3135808	31.8422719	20.5557558	15.4738336	13.7471628	Gm10451

ENSMUSG00000061462	9.706407309	3.278937401	0.01353776	0.03631462	389.065585	55.4050139	56.9301225	300.936264	4051.41371	514.373007	Obscn
ENSMUSG00000097365	3.449780437	1.786504544	0.01367485	0.03663412	8.3895544	3.39214371	4.82458665	24.6669069	20.9351866	11.455969	C030034L19Rik
ENSMUSG00000103284	3.39507703	1.763444308	0.01369879	0.03669221	14.6817202	22.6142914	4.82458665	18.9112953	34.5885691	89.356558	3110080O07Rik
ENSMUSG00000072955	0.375887387	-1.411627589	0.01383411	0.0370121	33.5582176	16.9607186	28.9475199	9.04453253	12.743157	8.01917828	Tmsb15l
ENSMUSG00000003354	0.339789776	-1.557285652	0.01387003	0.0371021	32.5095233	27.1371497	14.47376	11.5112232	5.46135302	8.01917828	Ccdc65
ENSMUSG00000109321	3.710063559	1.891443902	0.01388214	0.03712839	5.2434715	2.26142914	7.71933864	12.3334535	15.4738336	29.7855193	A330076H08Rik
ENSMUSG00000086233	3.958682606	1.985020401	0.01390124	0.03716729	4.1947772	3.39214371	3.85966932	22.2002162	13.6533825	9.16477518	Gm11816
ENSMUSG00000097166	0.356419815	-1.48835055	0.01394038	0.03722917	14.6817202	28.2678643	29.9124372	10.688993	8.19202953	6.87358139	9330179D12Rik
ENSMUSG00000096926	2.270280889	1.182870805	0.0140058	0.03739776	19.9251917	19.2221477	10.6140906	37.8225906	29.1272161	45.8238759	Gm26823
ENSMUSG00000086522	0.384778502	-1.377899899	0.01408209	0.03756453	19.9251917	33.9214371	24.1229333	9.04453253	12.743157	8.01917828	Gm4473
ENSMUSG00000047216	2.134153542	1.093663975	0.01413642	0.03769096	91.2364041	93.8493093	58.8599572	299.291804	134.713374	84.7741704	Cdh19
ENSMUSG00000071537	0.41751993	-1.260083031	0.01415364	0.03772452	35.6556062	58.7971577	37.6317759	28.7780581	10.922706	14.8927597	Klrg2
ENSMUSG00000026725	2.177849696	1.12290439	0.01424432	0.03792899	29.3634404	36.1828662	43.4212799	86.3341742	37.3192456	114.55969	Tnn
ENSMUSG00000090098	3.49537539	1.805447404	0.01428289	0.03801926	10.486943	2.26142914	3.85966932	18.9112953	20.9351866	18.3295504	Alms1-ps2
ENSMUSG00000016349	7.683340511	2.941733693	0.01461351	0.03879795	377.529948	120.986459	102.281237	249.95799	3880.29132	485.733085	Eef1a2
ENSMUSG00000110353	0.318818964	-1.64919065	0.01465325	0.03889711	16.7791088	19.2221477	14.47376	4.93338138	5.46135302	5.72798449	Gm33543
ENSMUSG00000068246	2.348533651	1.231760265	0.01471365	0.03902567	36.7043005	63.3200159	25.0878506	42.755972	138.354276	112.268496	Apol9b
ENSMUSG00000031886	3.481802902	1.799834537	0.01480072	0.03920554	4.1947772	3.39214371	5.78950398	13.9779139	19.1147356	13.7471628	Ces2e
ENSMUSG00000002500	9.408972618	3.234037201	0.01484301	0.0393048	115.356373	31.660008	17.3685119	65.7784184	1318.00653	162.674759	Rpl3l
ENSMUSG00000012126	2.027247001	1.019521878	0.01486573	0.03935857	33.5582176	24.8757205	15.4386773	46.8671231	50.9726282	51.5518604	Ubxn11
ENSMUSG00000109517	2.930298654	1.551047711	0.01489523	0.03942024	13.6330259	4.52285828	5.78950398	22.2002162	21.8454121	26.3487286	Gm44763
ENSMUSG00000045690	2.015796049	1.011349679	0.0149636	0.03957269	56.6294922	64.4507305	36.6668586	59.2005766	104.675933	154.655581	Wdr89
ENSMUSG00000051969	6.334272456	2.663178923	0.01503713	0.03974777	0	3.39214371	4.82458665	22.2002162	26.3965396	3.43679069	Tlr11
ENSMUSG00000075589	0.343136716	-1.543144589	0.01510106	0.03989089	24.1199689	14.6992894	27.9826026	9.86676276	8.19202953	4.58238759	Gm11536
ENSMUSG00000108912	3.838346506	1.940484956	0.01512923	0.03995881	6.2921658	4.52285828	3.85966932	9.04453253	14.563608	33.22231	E230020D15Rik
ENSMUSG00000030004	4.380167085	2.130985904	0.01539031	0.04057604	8.3895544	2.26142914	0.96491733	22.2002162	14.563608	13.7471628	Nat8
ENSMUSG00000064280	0.380035453	-1.395794083	0.01539511	0.04058212	28.3147461	31.660008	19.2983466	7.40007207	14.563608	8.01917828	Ccdc146
ENSMUSG00000027956	3.003446338	1.586618888	0.01540686	0.04060653	7.3408601	4.52285828	10.6140906	15.6223744	31.8578926	20.6207442	Tmem144
ENSMUSG00000079277	2.948658311	1.560058653	0.015632	0.04112675	6.2921658	4.52285828	10.6140906	26.3113674	20.0249611	17.1839535	Hoxd3
ENSMUSG00000033618	0.471668738	-1.084154113	0.01566152	0.04119111	53.4834093	49.7514411	40.5265279	33.7114394	17.2942846	16.0383566	Map3k13
ENSMUSG00000031210	0.29489858	-1.761709219	0.01578964	0.0414879	51.3860207	26.0064351	16.4035946	14.8001441	10.0124805	2.2911938	Gpr165
ENSMUSG00000074852	0.490764939	-1.026895911	0.01580893	0.04151945	73.408601	113.071457	96.491733	63.3117277	53.7033047	20.6207442	Hpse2
ENSMUSG00000103657	2.95965841	1.565430676	0.01585226	0.04161887	5.2434715	14.6992894	14.47376	18.9112953	26.3965396	57.2798449	Gm37204
ENSMUSG00000054459	2.028451201	1.020378595	0.01591262	0.04176391	29.3634404	15.830004	22.1930986	44.4004324	39.1396966	53.8430542	Vsnl1
ENSMUSG00000023176	0.194852783	-2.359543557	0.01624769	0.04251323	44.0451606	5.65357285	9.6491733	1.64446046	5.46135302	4.58238759	Cpn2
ENSMUSG00000074629	2.20318923	1.139593412	0.01649487	0.04308442	44.0451606	32.7907225	19.2983466	60.845037	43.6908241	107.686108	4930518I15Rik
ENSMUSG00000108033	0.296894182	-1.751979272	0.0165142	0.04312746	18.8764974	18.0914331	19.2983466	9.04453253	1.82045101	5.72798449	Gm44284
ENSMUSG00000107120	2.090109558	1.063578566	0.01657292	0.04326002	22.0225803	16.9607186	24.1229333	30.4225185	46.4215007	56.134248	Gm43059
ENSMUSG00000034762	0.391765008	-1.35193955	0.01659323	0.0432989	20.973886	55.4050139	26.0527679	12.3334535	11.8329315	16.0383566	Glis1
ENSMUSG00000102319	2.23331029	1.159183709	0.01668272	0.04349786	25.1686632	32.7907225	29.9124372	32.066979	60.9851087	104.249318	Gm37626
ENSMUSG00000110195	3.104695635	1.634451843	0.01668017	0.04349786	6.2921658	11.3071457	15.4386773	62.4894975	23.6658631	16.0383566	Pde2a
ENSMUSG00000055494	0.426383767	-1.229775582	0.01670806	0.04354999	26.2173575	32.7907225	27.0176853	9.86676276	16.3840591	10.3103721	Gm14168
ENSMUSG00000049382	4.767894293	2.253352251	0.01673259	0.043593	5.2434715	7.91500199	5.78950398	5.75561161	72.8180402	11.455969	Krt8
ENSMUSG00000102918	0.497540264	-1.007114811	0.01684379	0.04384768	498.129792	436.455824	512.371102	434.137562	185.686003	98.5213332	Pcdhgc3
ENSMUSG00000083614	0.310566804	-1.687024466	0.01687846	0.04390987	22.0225803	18.0914331	12.5439253	4.93338138	3.64090201	8.01917828	Gm12795
ENSMUSG00000071192	0.393642662	-1.34504151	0.01698708	0.04412201	30.4121347	67.8428742	44.3861972	15.6223744	9.10225503	32.0767131	Wfikkn1
ENSMUSG00000087390	0.407090254	-1.296579411	0.017074	0.04431953	25.1686632	20.3528623	29.9124372	12.3334535	9.10225503	9.16477518	Gm7598
ENSMUSG00000024868	0.204722041	-2.288261657	0.01707847	0.04432406	10.486943	23.745006	19.2983466	3.28892092	0	8.01917828	Dkk1
ENSMUSG00000062284	0.335727583	-1.574637022	0.01712501	0.04443068	12.5843316	32.7907225	19.2983466	6.57784184	8.19202953	6.87358139	Gm6030
ENSMUSG00000110874	2.549470262	1.35019751	0.01725684	0.04468733	8.3895544	15.830004	12.5439253	46.0448929	21.8454121	25.2031317	D030045P18Rik
ENSMUSG00000085118	0.418836174	-1.255542045	0.01726193	0.04468914	47.1912435	41.8364391	26.0527679	20.5557558	8.19202953	19.4751473	Gm15774
ENSMUSG00000001763	2.957930426	1.564588119	0.01739392	0.04499941	9.4382487	16.9607186	11.579008	16.4446046	69.1771382	26.3487286	Tspan33
ENSMUSG00000035694	0.298056981	-1.746339932	0.01748391	0.04519635	19.9251917	15.830004	19.2983466	5.75561161	1.82045101	9.16477518	Caps2
ENSMUSG00000020059	0.411941546	-1.279488459	0.0177243	0.04569453	42.9964663	21.4835768	39.5616105	11.5112232	20.9351866	10.3103721	Sycp3
ENSMUSG00000070167	2.520042654	1.333448153	0.0177516	0.04574457	10.486943	15.830004	10.6140906	25.4891371	20.9351866	46.9694728	Snora57
ENSMUSG00000106121	3.144015294	1.652608236	0.01775213	0.04574457	14.6817202	27.1371497	20.2632639	13.1556837	55.5237557	127.161256	Gm42679
ENSMUSG00000055413	2.297530416	1.200083961	0.01780525	0.04586695	72.3599067	131.16289	59.8248745	118.401153	382.294711	103.103721	H2-Q5
ENSMUSG00000109429	2.184133843	1.127061267	0.018172	0.04668627	36.7043005	40.7057245	50.1757012	41.1115115	85.5611973	153.509984	Gm45223
ENSMUSG00000102856	4.301784767	2.104935344	0.01818053	0.04669344	5.2434715	4.52285828	3.85966932	4.93338138	16.3840591	37.8046976	Gm37084
ENSMUSG00000104735	2.278097102	1.187829242	0.01827127	0.04689694	23.0712746	23.745006	24.1229333	23.8446767	61.8953342	76.7549921	C130075A20Rik
ENSMUSG00000071724	2.226594482	1.154838832	0.01846602	0.04731483	26.2173575	23.745006	12.5439253	49.3338138	60.0748832	28.6399224	Smpd5
ENSMUSG00000106662	0.496969596	-1.008770502	0.01853139	0.04745994	32.5095233	39.57501	55.9652052	23.0224464	20.0249611	20.6207442	Gm43034
ENSMUSG00000032338	3.402054835	1.766406395	0.01864324	0.04772388	6.2921658	5.65357285	6.75442131	9.04453253	36.4090201	18.3295504	Hcn4
ENSMUSG00000049173	26.09422652	4.705658733	0.01876197	0.04799766	1.0486943	0	3.85966932	7.40007207	121.059992	1.1455969	Myoz3
ENSMUSG00000043419	2.229116301	1.156471889	0.01885408	0.04821816	15.7304145	11.3071457	22.1930986	26.3113674	40.9601476	43.5326821	Chd3os
ENSMUSG00000051727	2.312248091	1.209296199	0.01888058	0.04827835	18.8764974	9.04571656	12.5439253	26.3113674	30.0374416	37.8046976	Kctd14
ENSMUSG00000060550	2.696027147	1.430835023	0.01891754	0.04835769	403.747305	698.781604	384.037097	767.963035	2425.75097	813.373797	H2-Q7
ENSMUSG00000083834	3.337743405	1.738873049	0.01910437	0.04874352	9.4382487	11.3071457	5.78950398	12.3334535	18.2045101	58.4254418	Gm12577
ENSMUSG00000060487	2.656218991	1.409374094	0.01913565	0.04880803	19.9251917	10.1764311	31.8422719	87.9786346	53.7033047	22.911938	Samd5
ENSMUSG00000102241	5.396275388	2.431963975	0.0192074	0.04895274	1.0486943	4.52285828	5.78950398	2.46669069	22.7556376	36.6591007	Gm37716
ENSMUSG00000087110	0.283206339	-1.820074538	0.019246	0.04904344	17.8278031	14.6992894	15.4386773	6.57784184	5.46135302	1.1455969	Gm11264
ENSMUSG00000090919	2.276912877	1.18707909	0.01931666	0.04919273	20.973886	15.830004	12.5439253	51.8005045	24.5760886	35.5135038	Pabpc4l
ENSMUSG00000078588	0.484950076	-1.04409186	0.01934198	0.04923795	45.0938549	49.7514411	29.9124372	15.6223744	20.0249611	25.2031317	Ccdc24
ENSMUSG00000040387	0.356784633	-1.486874616	0.0193549	0.04925932	22.0225803	23.745006	26.0527679	4.11115115	7.28180402	14.8927597	Klhl32
ENSMUSG00000044628	3.390701684	1.761583861	0.01959483	0.04976115	2.0973886	5.65357285	8.68425597	17.2668348	12.743157	26.3487286	Rnf208
ENSMUSG00000060512	3.82970578	1.93723356	0.01965677	0.04989513	10.486943	2.26142914	2.89475199	16.4446046	31.8578926	11.455969	0610040J01Rik
ENSMUSG00000105431	0.475792798	-1.071594661	0.0196703	0.04991245	130.038093	168.476471	91.6671464	27.9558278	54.6135302	104.249318	Gm42640