Supplemental table III. Differentially expressed genes between Injured and shDNMT3A+Injured with p-value adjusted significance Differentially expressed genes with greater than 2-fold difference were analyzed

ID	Fold Change	log2FoldChange	pvalue	padj	Injured-1	Injured-2	Injured-3	shDNMT3A+Injured-1	shDNMT3A+Injured-2	shDNMT3A+Injured-3	Gene.name
ENSMUSG00000039236	27.76525943	4.795208971	0	0	237.144895	273.93107	289.904489	7133.867032	7853.029319	7182.239254	Isg20
ENSMUSG00000044468	67.37930754	6.074233697	0	0	391.065355	342.413837	366.716789	23605.24009	21712.97314	28836.15462	Fam46c
ENSMUSG00000086843	16.16850389	4.015114284	3.87E-287	2.19E-283	370.482968	379.590196	354.327709	6276.436069	6100.799215	5494.642739	E030013I19Rik
ENSMUSG00000065037	1225.719342	10.25941296	1.42E-275	6.03E-272	16.1079551	15.653204	13.6279888	21259.73148	20671.70635	14082.70196	Rn7sk
ENSMUSG00000025270	591.1682697	9.207425026	1.22E-259	4.15E-256	98.4375035	66.5261169	163.535866	57214.87696	65726.97912	69836.6846	Alas2
ENSMUSG00000042793	149.616719	7.225127589	1.82E-256	5.14E-253	46.5340926	26.4147817	55.7508633	5882.929106	6887.723792	6264.423605	Lgr6
ENSMUSG00000025889	147.0790798	7.200448245	5.36E-232	1.30E-228	34.9005694	48.9162624	50.795231	5433.502731	6341.485474	7858.094604	Snca
ENSMUSG00000027562	95.10791538	6.57149351	3.19E-231	6.75E-228	45.6392062	77.2876946	84.2457489	6038.260802	6991.850471	6453.295569	Car2
ENSMUSG00000029922	10.78214537	3.430572361	7.70E-225	1.45E-221	1130.24152	1295.30263	1297.13675	12785.86968	13095.21018	14233.79953	Mkrn1
ENSMUSG00000006219	8.073975687	3.013279242	7.12E-203	1.21E-199	4080.68196	3464.24971	3786.10307	29649.71416	30534.72198	31308.84594	Fblim1
ENSMUSG00000083012	20.22141652	4.337812157	1.28E-200	1.97E-197	476.974449	658.412892	564.942081	12101.37467	11418.08784	10847.37627	Fam220a
ENSMUSG00000040998	16.2556793	4.02287194	1.28E-190	1.80E-187	1507.88358	1265.95287	1494.12314	22233.14344	26250.16517	20884.1345	Npnt
ENSMUSG00000022051	12.4575895	3.638953034	4.62E-189	6.02E-186	2508.36657	2596.47521	3207.533	34722.84736	34330.22479	34445.14146	Bnip3l
ENSMUSG00000023572	7.643059465	2.934150255	1.98E-173	2.40E-170	758.863663	768.963645	743.344844	5297.846383	5969.36062	6094.949303	Ccndbp1
ENSMUSG00000038677	7.631734457	2.932010974	7.30E-169	8.25E-166	1421.97448	1185.7302	1261.20842	9774.505867	10078.95047	9685.558466	Scube3
ENSMUSG00000092837	328.7950436	8.361044741	3.68E-163	3.89E-160	12.5284095	7.82660199	12.3890807	4222.951046	3397.773038	3097.500199	Rpph1
ENSMUSG00000014956	4.551646005	2.186388359	2.19E-160	2.18E-157	5923.25305	6504.88458	6319.67008	29031.49401	28153.46431	28141.92254	Ppp1cb
ENSMUSG00000068748	15.0505086	3.911740335	3.45E-160	3.25E-157	166.44887	179.033521	135.04098	2333.082076	2598.046	2334.865839	Ptprz1
ENSMUSG00000031586	4.371147517	2.128012067	8.54E-150	7.61E-147	2485.99441	2388.09193	2412.15402	10144.1953	10848.8051	10858.6065	Rbpms
ENSMUSG00000054889	752.7577411	9.556041829	7.37E-149	6.24E-146	5.36931837	1.9566505	11.1501727	4316.150064	4504.759129	4245.024992	Dsp
ENSMUSG00000026255	6.461962425	2.691972362	1.92E-148	1.55E-145	748.125027	808.096655	760.689557	4761.434259	5365.08448	4844.310627	Efhd1
ENSMUSG00000017969	5.565248386	2.476446079	4.66E-147	3.58E-144	2300.75292	2195.36186	2476.57724	13589.45232	12805.02107	12396.12637	Ptgis
ENSMUSG00000022021	19.64698876	4.296236306	6.32E-140	4.65E-137	78.7500028	92.9408986	110.262818	2029.667496	1730.89267	1736.601133	Diaph3
ENSMUSG00000029860	4.260341381	2.090969038	1.14E-139	7.79E-137	3729.8865	3652.08815	3851.7652	16102.71917	15185.42524	16566.62351	Zyx
ENSMUSG00000050503	5.712814282	2.51420163	1.15E-139	7.79E-137	630.000022	674.066096	586.003518	3648.22377	3566.765517	3595.71381	Fbxl22
ENSMUSG00000023336	4.873727803	2.285025679	3.69E-135	2.40E-132	984.375035	1100.6159	1061.74422	5136.301419	5186.703529	5006.638423	Wfdc1
ENSMUSG00000049313	5.087861346	2.347059355	6.21E-134	3.89E-131	1580.36937	1478.24945	1424.74428	7482.845576	8011.779831	7327.211248	Sorl1
ENSMUSG00000047648	6.918841873	2.790530569	8.56E-134	5.18E-131	622.840931	590.90845	662.815819	4180.493716	4089.959406	4703.422352	Fbxo30
ENSMUSG00000027335	17.38216641	4.119535997	4.58E-133	2.68E-130	73.3806844	63.5911412	75.5733924	1129.779203	1332.309398	1223.073579	Adra1d
ENSMUSG00000021508	0.051550809	-4.277861122	4.89E-132	2.76E-129	1723.5512	1819.68496	1777.83308	105.6255534	100.7126899	67.38134908	Cxcl14
ENSMUSG00000063430	7.860166719	2.974559913	4.44E-131	2.42E-128	164.659097	175.12022	178.402762	1352.421301	1382.665743	1330.27118	Wscd2
ENSMUSG00000035783	4.273096839	2.095282012	2.96E-128	1.57E-125	74266.622	74572.8421	66495.913	303614.4399	310347.0074	306204.3316	Acta2
ENSMUSG00000051839	1580.822273	10.62645946	1.19E-127	6.08E-125	3.57954558	1.9566505	7.43344844	5735.881767	6350.873945	7289.436855	Gypa
ENSMUSG00000073490	0.089341861	-3.484519887	2.09E-127	1.04E-124	1202.72732	1269.86617	1377.66578	123.2298123	113.5151505	107.1976008	Ifi207
ENSMUSG00000015143	3.422046181	1.774859229	1.03E-126	4.96E-124	9703.25319	9452.57855	9070.046	32620.69174	32302.31504	31677.4015	Actn1
ENSMUSG00000041696	3.861790654	1.949269959	7.68E-126	3.61E-123	2455.56827	2293.19438	2465.42706	9475.233465	9098.281985	9283.31223	Rasl12
ENSMUSG00000026712	0.120769965	-3.049666386	5.27E-121	2.41E-118	2740.14214	2394.94021	2772.67627	336.5520083	332.0104777	285.8602688	Mrc1
ENSMUSG00000020155	5.951355686	2.573218344	5.57E-121	2.48E-118	842.982984	808.096655	755.733924	4760.398715	5137.200682	4436.959744	Kcnmb1
ENSMUSG00000025150	5.308868003	2.408404271	7.16E-119	3.11E-116	1041.64776	1169.09867	1118.73399	5483.208874	6120.429654	6066.363276	Cbr2
ENSMUSG00000029372	133.4137678	7.059763745	5.56E-117	2.35E-114	60.8522749	61.6344907	116.457359	10494.20939	7146.333495	13989.79737	Ppbp
ENSMUSG00000031028	12.94826108	3.694686455	4.30E-113	1.78E-110	195.980121	132.073909	178.402762	2129.079782	2181.539283	2247.065899	Tub
ENSMUSG00000091694	502.3128551	8.972442386	1.25E-111	5.03E-109	4.47443198	4.89162624	11.1501727	2718.304683	2851.53472	4250.12964	Apol11b
ENSMUSG00000006526	6.682736341	2.740438956	1.56E-111	6.16E-109	800.923324	791.465126	961.392664	5315.450642	5901.934327	5825.423907	Tmem110
ENSMUSG00000030098	5.42827157	2.440492899	1.67E-111	6.42E-109	769.6023	838.424738	924.225422	4655.808706	4431.358355	4640.124721	Grip2
ENSMUSG00000057604	7.516269083	2.910016716	2.77E-109	1.04E-106	1118.60799	997.891754	847.413122	7697.203317	7106.219119	7502.811127	Lmcd1
ENSMUSG00000053963	6.979706578	2.803166388	4.06E-109	1.49E-106	770.497186	644.716339	624.409669	4642.346626	5074.041876	4537.010838	Stum
ENSMUSG00000021319	0.121421171	-3.041908101	1.09E-108	3.91E-106	14386.1937	11103.9916	12467.1319	1674.475685	1424.487114	1510.975707	Sfrp4
ENSMUSG00000039601	5.385218968	2.429005007	5.73E-107	2.02E-104	1660.01426	1444.98639	1715.88768	8994.740752	8799.557905	8158.247886	Rcan2
ENSMUSG00000001349	4.27077055	2.09449639	8.32E-107	2.88E-104	6851.25024	7307.11128	6266.39703	28730.15052	29800.71424	28711.60122	Cnn1
ENSMUSG00000024395	3.742843605	1.904134766	2.92E-104	9.90E-102	1784.40347	1676.84948	1701.02078	6637.841149	6551.445827	6135.786484	Lims2
ENSMUSG00000030878	5.91113047	2.563434064	4.30E-104	1.43E-101	680.113661	635.911412	789.184442	4097.650145	4043.017051	4284.841244	Cdr2
ENSMUSG00000088088	453.9929939	8.826526223	1.07E-103	3.50E-101	5.36931837	3.91330099	8.67235651	3307.529583	2470.021394	2120.470637	Rmrp
ENSMUSG00000032085	3.059061747	1.613089228	2.86E-103	9.13E-101	14669.8727	15107.2985	14767.7842	44476.64233	47333.25725	44454.33459	Tagln
ENSMUSG00000024867	16.34384735	4.03067573	5.43E-102	1.70E-99	68.0113661	74.3527189	78.0512086	1362.776748	1208.552279	1019.908602	Pip5k1b
ENSMUSG00000029304	0.013187421	-6.244693739	2.09E-101	6.44E-99	3416.67626	7460.70835	6988.68044	69.38149095	79.37525559	86.77901018	Spp1
ENSMUSG00000027931	3.789475548	1.921998198	5.09E-100	1.54E-97	2009.01996	2200.25348	2011.98671	7585.364495	8138.950939	7852.989956	Npr1
ENSMUSG00000044338	0.09713047	-3.363932252	9.28E-99	2.76E-96	1200.04266	1098.65925	1312.00365	125.3009016	123.7571189	101.0720236	Aplnr
ENSMUSG00000046805	0.06750148	-3.888937059	2.10E-98	6.13E-96	3882.01718	5702.65787	5135.27396	321.0188387	294.4565933	378.7648562	Mpeg1
ENSMUSG00000026656	0.078319092	-3.674492157	2.96E-96	8.48E-94	1466.7188	2037.85149	1807.56688	149.1184283	138.2665743	128.637121	Fcgr2b
ENSMUSG00000034449	8.033492498	3.006027325	4.84E-96	1.37E-93	170.028415	209.361603	167.25259	1399.02081	1557.632704	1440.531569	Dhrs11
ENSMUSG00000024621	0.095862499	-3.382889643	2.54E-95	7.05E-93	3184.00579	3722.52757	2849.48857	358.2984458	273.9726564	304.2370004	Csf1r
ENSMUSG00000030409	4.141974021	2.050318505	4.92E-95	1.34E-92	4939.7729	5675.26477	5145.18523	21805.46351	20717.79521	22756.51926	Dmpk
ENSMUSG00000022840	5.341533616	2.417254016	8.40E-95	2.26E-92	4053.83537	3318.47924	3771.23617	21300.11772	18997.14451	19229.20773	Adcy5
ENSMUSG00000037852	3.414248372	1.771568012	3.16E-94	8.37E-92	11850.9805	11890.5651	12033.5141	39858.11323	43544.58242	38738.15014	Cpe
ENSMUSG00000001507	3.076656865	1.621363551	3.01E-93	7.71E-91	1590.21312	1642.60809	1639.07538	4963.365464	5101.353792	4920.880342	Itga3
ENSMUSG00000015932	3.595685665	1.846266906	2.98E-93	7.71E-91	15518.225	14871.5221	15549.5352	52783.78144	59270.2715	53125.0891	Dstn
ENSMUSG00000023367	0.232553312	-2.104366607	1.30E-92	3.28E-90	2074.34666	2190.47023	2109.86045	498.0969723	466.8630625	518.632202	Tmem176a
ENSMUSG00000023092	4.230126827	2.080700919	1.62E-92	4.05E-90	8732.30145	8813.73217	7616.80683	34156.40444	35066.79302	37234.32094	Fhl1
ENSMUSG00000032135	3.215760415	1.685159925	8.34E-92	2.05E-89	8046.81847	7606.47881	7377.69757	25606.94788	24406.61085	24058.20441	Mcam
ENSMUSG00000029381	6.098287753	2.608404227	2.32E-91	5.62E-89	152.130687	157.510365	157.341325	944.4167126	932.8726276	968.8621254	Shroom3
ENSMUSG00000084939	15.83381017	3.984936555	1.12E-90	2.68E-88	84.1193212	62.6128159	86.7235651	1119.423757	1428.754601	1137.315498	Gm830
ENSMUSG00000027078	41.54085502	5.376459006	2.01E-90	4.74E-88	709.644912	1372.59032	1485.45078	41553.29981	48558.87948	58013.2997	Ube2l6
ENSMUSG00000034028	35.59033222	5.153413495	5.42E-90	1.26E-87	44.7443198	35.219709	26.0170695	1497.397551	996.0314331	1330.27118	Cd226
ENSMUSG00000020439	4.146326263	2.051833643	8.93E-89	2.04E-86	10158.7504	8479.14493	9259.59893	38957.1894	37462.56015	39257.80328	Smtn
ENSMUSG00000004730	0.072637381	-3.783144	1.58E-87	3.56E-85	1360.22732	1608.36671	1148.46778	109.7677319	101.5661873	87.79993971	Adgre1
ENSMUSG00000030782	2.989547298	1.579927036	6.79E-87	1.51E-84	2318.65065	2285.36778	2388.61476	6779.710765	6924.424179	7196.532268	Tgfb1i1
ENSMUSG00000024588	14.12473942	3.820152347	3.87E-85	8.51E-83	1123.08243	1166.1637	857.324386	12728.91473	13175.43893	18567.64539	Fech
ENSMUSG00000067818	3.70066082	1.887782913	2.29E-84	4.97E-82	23896.1514	26239.6615	27975.7832	95339.48846	94269.63823	99441.59916	Myl9
ENSMUSG00000086596	4.704109509	2.233921646	3.46E-84	7.41E-82	3791.63366	3132.59745	3113.37599	16084.07936	15734.22405	15413.99407	Susd5
ENSMUSG00000031273	14.12030134	3.819698972	3.97E-83	8.41E-81	419.701719	249.472938	304.771386	4376.211653	5010.029573	4384.892338	Col4a6
ENSMUSG00000040552	0.054142336	-4.207099047	7.31E-83	1.53E-80	817.031279	1218.01493	1005.99335	54.88386597	54.62383181	55.1301947	C3ar1
ENSMUSG00000044792	6.978371389	2.80289038	2.53E-82	5.22E-80	1322.64209	1757.07215	1618.01394	9979.543706	10704.56404	12088.82658	Isca1
ENSMUSG00000038871	12.72143806	3.66918986	3.73E-82	7.61E-80	618.366499	980.281899	697.505245	8832.160243	9588.189477	10793.26701	Bpgm
ENSMUSG00000090136	31.82332028	4.992012462	1.45E-81	2.92E-79	16.1079551	14.6748787	21.0614372	571.6206418	552.2127997	502.2973295	Gm10177
ENSMUSG00000051048	0.029859028	-5.065688988	1.76E-80	3.50E-78	689.062524	562.537018	661.576911	26.92416067	14.50945532	16.3348725	P4ha3
ENSMUSG00000029436	3.342706226	1.741016569	3.78E-80	7.44E-78	1095.34095	1060.50457	1030.77152	3421.439494	3710.153076	3524.248743	Mmp17
ENSMUSG00000024672	0.021541683	-5.53672525	1.65E-79	3.21E-77	663.110819	821.793209	802.812431	25.88861603	14.50945532	9.188365784	Ms4a7
ENSMUSG00000036905	0.059207523	-4.078075679	1.79E-79	3.44E-77	3614.44615	5788.7505	5753.48909	346.9074547	284.2146249	266.4626077	C1qb
ENSMUSG00000048442	6.157069316	2.622243811	6.85E-79	1.30E-76	204.034098	176.098545	196.986384	1185.698614	1098.451118	1270.036337	Smim5

ENSMUSG00000073557	3.382979922	1.758294615	3.70E-78	6.96E-76	7568.94913	6892.30138	6716.12066	24992.86991	23693.08705	22966.83074	Ppp1r12b
ENSMUSG00000010311	13.7000462	3.776108853	1.48E-77	2.76E-75	154.815346	123.268981	188.314027	1903.33105	2534.887195	1927.514956	Optc
ENSMUSG00000032289	10.77709867	3.429896934	2.24E-77	4.12E-75	1013.0114	775.811922	634.320933	8413.800208	9552.342587	8180.708336	Thsd4
ENSMUSG00000029108	5.22959782	2.386700001	6.19E-77	1.13E-74	2244.37508	1799.14013	1863.31774	10356.48195	10987.07167	9556.921345	Pcdh7
ENSMUSG00000031292	9.161602043	3.195599897	8.16E-77	1.47E-74	185.241484	156.53204	189.552935	1853.624907	1637.861457	1371.108361	Cdkl5
ENSMUSG00000027883	5.789699479	2.533488465	6.57E-76	1.17E-73	411.647742	364.915318	382.822594	1955.108282	2346.264276	2413.477413	Gpsm2
ENSMUSG00000030246	4.034509353	2.012393234	9.37E-76	1.65E-73	462.656266	495.032576	519.102482	2087.657996	1937.439034	1925.473096	Ldhb
ENSMUSG00000037419	3.237749667	1.694991445	1.26E-75	2.20E-73	1837.20177	1767.83372	1847.21194	5538.09274	6207.486386	5904.035481	Endod1
ENSMUSG00000022246	0.200644143	-2.317289049	6.00E-75	1.04E-72	1078.33811	987.130176	1036.96606	219.5354639	202.2788772	201.1231177	Rai14
ENSMUSG00000073400	311.487317	8.283029611	1.22E-74	2.09E-72	1.78977279	4.89162624	6.19454036	1073.859793	1426.194109	1321.082814	Trim10
ENSMUSG00000021779	5.655866284	2.499748012	5.79E-74	9.81E-72	587.045475	448.072964	504.235586	2729.695674	3029.062173	2953.549135	Thrb
ENSMUSG00000026421	2.781066393	1.475638187	9.69E-74	1.62E-71	16418.4807	17787.9097	18147.5254	48147.64808	48965.99773	48476.79695	Csrp1
ENSMUSG00000029651	5.043897565	2.334538977	1.65E-73	2.74E-71	455.497175	438.289711	481.93524	2521.551201	2354.799249	2057.173006	Mtus2
ENSMUSG00000025348	2.981899753	1.576231757	1.91E-72	3.13E-70	1989.33246	1890.12438	1828.62832	5893.284552	5577.605326	5557.94037	Itga7
ENSMUSG00000005611	4.93657345	2.303509993	3.33E-72	5.42E-70	2185.31258	1990.89188	1722.08222	9459.700296	10491.1897	9182.240207	Mrvi1
ENSMUSG00000038642	0.043301926	-4.529424999	3.75E-72	6.05E-70	4117.37231	8551.541	5835.25702	280.6325977	254.3422168	266.4626077	Ctss
ENSMUSG00000078652	6.196657729	2.631490284	4.43E-72	7.08E-70	897.571055	1010.60998	1056.78859	5305.095196	5994.112043	7063.811429	Psme3
ENSMUSG00000025969	0.21144798	-2.241625316	1.42E-71	2.25E-69	2521.78986	2462.44465	2252.33488	571.6206418	483.0795125	476.7740912	Nrp2
ENSMUSG00000020672	7.706648735	2.946103635	5.04E-71	7.90E-69	81.434662	79.2443451	86.7235651	588.1893561	662.3139606	651.3530411	Sntg2
ENSMUSG00000048096	4.026285387	2.009449436	5.12E-71	7.96E-69	5873.13941	5034.46173	6174.71783	23644.59079	21972.43634	23153.66085	Lmod1
ENSMUSG00000062382	15.75469739	3.977710138	1.02E-70	1.57E-68	34.005683	54.7862139	54.5119552	677.2461952	729.740253	830.0157091	Ftl1-ps1
ENSMUSG00000056091	6.950345389	2.797084673	3.25E-70	4.95E-68	234.460236	326.760633	249.020523	1833.949559	1838.433339	1962.22656	St3gal5
ENSMUSG00000041073	5.320401132	2.411535022	3.16E-69	4.77E-67	230.88069	189.795098	203.180924	1124.60148	1054.069254	1146.503864	Nacad
ENSMUSG00000034248	16.61356097	4.05428943	8.75E-69	1.31E-66	844.772757	946.040515	758.21174	11812.45772	11005.84861	19542.63309	Slc25a37
ENSMUSG00000020802	8.614297736	3.106733188	1.96E-68	2.91E-66	601.363658	597.756727	604.587139	4904.33942	4182.99062	6451.25371	Ube2o
ENSMUSG00000026991	4.431232262	2.147707947	3.10E-68	4.56E-66	1938.32393	2014.37169	2407.19839	9099.330761	9991.893734	9073.000747	Pkp4
ENSMUSG00000031024	3.899540616	1.963304178	3.10E-67	4.53E-65	1760.24154	1450.85634	1713.40986	6173.91715	6564.248288	6462.483935	St5
ENSMUSG00000045915	52.00958769	5.700705696	4.19E-67	6.07E-65	7.15909116	11.739903	12.3890807	475.3149902	617.0785999	503.318259	Ccdc42
ENSMUSG00000037242	2.271224025	1.183470015	2.09E-66	3.00E-64	8394.03439	8317.72126	8165.64311	18593.20403	19145.65305	18765.70572	Clic4
ENSMUSG00000038319	3.809803167	1.929716463	4.43E-66	6.31E-64	992.429013	847.229665	916.791974	3342.738101	3433.619927	3728.434649	Kcnh2
ENSMUSG00000078794	3.53994199	1.823725719	4.48E-66	6.32E-64	1285.05686	1146.59719	1246.34152	4148.391832	4204.328054	4667.689818	Dact3
ENSMUSG00000030376	4.601189148	2.202006765	3.01E-65	4.21E-63	192.400575	204.469977	200.703108	889.5328466	966.1590251	891.271481	Slc8a2
ENSMUSG00000030054	87.58182668	6.452559635	3.21E-65	4.46E-63	5.36931837	11.739903	17.344713	938.2034448	710.1098135	1265.952619	Gp9
ENSMUSG00000081534	2.941213019	1.556411276	4.29E-65	5.90E-63	2189.78701	2249.16975	2424.5431	6437.981033	6861.265373	6878.002254	Slc48a1
ENSMUSG00000074622	0.153058785	-2.70784224	6.14E-65	8.39E-63	1339.64493	1523.25241	1559.78526	191.5757586	222.7628141	262.3788896	Mafb
ENSMUSG00000026357	26.98662063	4.754172423	1.27E-64	1.73E-62	74.2755708	107.615777	109.02391	2448.027531	1791.490984	3589.588233	Rgs18
ENSMUSG00000039115	5.419752316	2.438226922	1.47E-64	1.98E-62	3288.7075	2805.83681	2441.88781	14128.97108	16610.76585	15542.63119	Itga9
ENSMUSG00000042254	0.047996069	-4.38093994	2.69E-64	3.58E-62	1669.85801	2131.77072	3201.33846	129.4430801	106.6871715	100.0510941	Cilp
ENSMUSG00000073489	0.063874615	-3.968613502	5.16E-64	6.83E-62	813.451733	1338.34894	1215.36882	68.34594631	75.96126611	70.44413768	Ifi204
ENSMUSG00000031819	3.558732285	1.831363406	5.53E-64	7.26E-62	814.34662	887.341001	945.286859	2976.155298	3274.015919	3158.755971	Emc8
ENSMUSG00000030159	17.04264877	4.091077672	6.45E-64	8.40E-62	49.2187517	30.3280827	50.795231	782.8717486	615.3716052	814.7017662	Clec1b
ENSMUSG00000002980	2.994118792	1.582131462	9.12E-64	1.18E-61	7706.76164	8620.02377	8292.01173	25120.2419	23152.82321	25436.45928	Bcam
ENSMUSG00000037736	5.841878297	2.546432303	1.43E-63	1.84E-61	808.082415	1072.24447	894.491628	4959.223286	6051.296367	5197.552245	Limch1
ENSMUSG00000026457	5.86037613	2.550993263	2.10E-63	2.68E-61	2277.48588	3201.08021	2850.72748	16147.24759	17472.7982	15184.28492	Adipor1
ENSMUSG00000036098	12.1947457	3.608187769	2.53E-63	3.20E-61	45.6392062	48.9162624	43.3617825	480.4927134	633.29505	570.6996081	Myrf
ENSMUSG00000016024	0.139644742	-2.840166845	4.98E-63	6.24E-61	2983.55124	2818.55504	2378.7035	457.7107313	332.8639751	353.2416179	Lbp
ENSMUSG00000024679	0.0490153	-4.350624026	1.72E-62	2.14E-60	412.542628	575.255246	542.641736	26.92416067	26.45841853	21.43952016	Ms4a6d
ENSMUSG00000021822	0.176123245	-2.505342762	5.20E-62	6.43E-60	1153.50856	1354.00214	1427.2221	244.3885353	208.2533588	240.9393694	Plau
ENSMUSG00000029859	6.255935099	2.645225546	6.58E-62	8.07E-60	121.70455	98.8108501	130.085348	743.5210523	726.3262635	716.6925311	Epha1
ENSMUSG00000026768	11.18674679	3.483718643	7.38E-62	8.99E-60	6334.90079	4466.05476	3527.17128	52721.64876	57060.5668	50536.01181	Itga8
ENSMUSG00000027326	14.41786346	3.849785486	8.16E-62	9.87E-60	56.3778429	58.6995149	45.8395987	955.8077037	730.5937504	646.2483935	Knl1
ENSMUSG00000039542	7.809012418	2.965140107	2.08E-61	2.50E-59	770.497186	790.486801	1143.51215	6394.488158	7383.605765	7313.939164	Ncam1
ENSMUSG00000059498	0.108617024	-3.202677854	2.50E-61	2.98E-59	1035.38356	1434.22481	1309.52583	148.0828837	148.5085427	113.323178	Fcgr3
ENSMUSG00000032911	3.058517328	1.61283245	6.51E-61	7.71E-59	4243.55129	3989.61036	4645.90527	13546.99499	12733.32729	13101.58868	Cspg4
ENSMUSG00000079557	6.184552938	2.628669311	7.71E-61	9.07E-59	1369.17618	1715.00416	2047.91504	10654.71881	10399.01198	10663.60896	2-Mar
ENSMUSG00000004552	69.31665909	6.115130216	1.07E-60	1.25E-58	10.7386367	8.80492724	3.71672422	528.1277669	675.1164212	472.6903731	Ctse
ENSMUSG00000049565	17.56478	4.134613602	7.22E-60	8.38E-58	23.2670463	32.2847332	29.7337937	422.5022135	572.6967366	494.1298933	Aknad1
ENSMUSG00000023992	0.039639071	-4.656933035	9.24E-60	1.06E-57	588.835248	897.124253	1071.65548	31.06633923	31.57940276	38.7953222	Trem2
ENSMUSG00000050295	2.575134585	1.364647834	1.07E-59	1.23E-57	1286.84664	1261.06125	1232.71353	3322.027208	3199.761648	3217.969883	Foxc1
ENSMUSG00000023829	38.00943428	5.248285648	1.81E-59	2.05E-57	8.05397756	7.82660199	16.1058049	399.7202314	372.1248542	399.1834468	Slc22a1
ENSMUSG00000097971	34.81026776	5.121441006	2.65E-59	2.99E-57	738.281276	1374.54697	2000.83654	52572.53034	53269.33148	37279.24184	Gm26917
ENSMUSG00000037166	3.557092731	1.830698585	3.43E-59	3.85E-57	1907.00291	2320.58749	2194.1062	7592.613308	7316.179473	7928.538742	Ppp1r14a
ENSMUSG00000027254	4.049584821	2.017774005	4.17E-59	4.64E-57	1230.46879	1053.65629	1098.91146	4103.863412	4669.484122	4931.089637	Map1a
ENSMUSG00000055322	3.390285482	1.761406762	6.98E-59	7.73E-57	19042.2876	15747.1232	18723.6177	61286.63849	60952.51482	59182.26401	Tns1
ENSMUSG00000026676	4.669611836	2.22330263	2.29E-58	2.52E-56	1804.98586	1476.2928	1386.33813	7118.333862	7846.201341	6844.311579	Ccdc3
ENSMUSG00000054555	0.032369832	-4.949206318	8.22E-58	8.99E-56	967.372193	511.664105	838.740765	26.92416067	25.60492116	22.46044969	Adam12
ENSMUSG00000036908	0.14382693	-2.797594261	1.63E-57	1.77E-55	2069.87223	3085.63783	2787.54316	387.2936957	377.2458384	377.7439267	Unc93b1
ENSMUSG00000042109	6.391193591	2.676085388	2.42E-57	2.61E-55	144.971596	102.724151	128.84644	793.227195	800.5805349	814.7017662	Csdc2
ENSMUSG00000027827	4.293666867	2.102210261	2.82E-57	3.03E-55	1183.9347	1045.82969	929.181054	4342.03868	4905.049397	4328.741214	Kcnab1
ENSMUSG00000029810	0.288130373	-1.795206345	3.43E-57	3.65E-55	3362.98307	3538.60242	3409.47502	1057.291078	882.5162826	1033.180686	Tmem176b
ENSMUSG00000044345	2.549198102	1.350043492	3.49E-57	3.69E-55	5374.68769	5321.11103	5746.05564	14582.53963	13583.41067	13741.71149	Marveld1
ENSMUSG00000026207	3.795837421	1.924418202	7.47E-57	7.86E-55	2632.75578	3086.61616	2429.49873	10244.64313	10043.95707	10652.37873	Speg
ENSMUSG00000032411	8.098758413	3.017700751	7.56E-57	7.91E-55	697.116502	560.580367	438.573458	4137.000841	4455.256282	5168.966218	Tfdp2
ENSMUSG00000073418	0.126353799	-2.984459052	9.06E-57	9.42E-55	10019.1481	9596.39236	9662.24406	1418.696158	891.0512563	1391.526951	C4b
ENSMUSG00000038370	3.26241397	1.705939858	9.81E-57	1.01E-54	2224.68758	2620.93334	2626.48511	8049.288495	8385.61168	7932.62246	Pcp4l1
ENSMUSG00000022836	2.723290254	1.445350756	1.26E-56	1.30E-54	18120.5546	16195.1962	18242.9214	48638.49624	46128.97246	48362.45284	Mylk
ENSMUSG00000018774	0.110434928	-3.178731561	1.46E-56	1.49E-54	803.607983	1076.15777	932.897779	123.2298123	86.20323457	102.0929532	Cd68
ENSMUSG00000016255	227.3415885	7.828717816	1.94E-56	1.97E-54	7.15909116	4.89162624	3.71672422	1273.719908	676.823416	1719.245331	Tubb1
ENSMUSG00000029822	5.306005452	2.407626158	2.06E-56	2.07E-54	520.823882	509.707455	442.290182	2196.390184	2840.439254	2786.116692	Osbpl3
ENSMUSG00000031710	29.77483641	4.896021676	2.24E-56	2.25E-54	34.9005694	25.4364565	19.8225292	622.3623293	716.0842951	1079.122515	Ucp1
ENSMUSG00000027797	0.130048426	-2.942879151	2.26E-56	2.25E-54	2021.54837	1560.42877	2345.25298	281.6681424	243.246751	246.0440171	Dclk1
ENSMUSG00000022488	0.11919718	-3.068577993	5.68E-56	5.62E-54	1045.22731	1373.56865	966.348297	143.9407051	119.4896321	140.8882754	Nckap1l
ENSMUSG00000018008	0.089873087	-3.475967032	7.03E-56	6.92E-54	1197.358	1946.86724	1802.61125	164.6515979	132.2920927	148.0347821	Cyth4
ENSMUSG00000002249	3.109954875	1.636893647	7.09E-56	6.94E-54	821.505711	812.988282	918.030882	2671.705174	2534.887195	2723.83999	Tead3
ENSMUSG00000039410	4.318854694	2.110648778	8.70E-56	8.47E-54	626.420477	507.750804	592.198059	2257.487317	2627.918408	2569.679631	Prdm16
ENSMUSG00000024053	0.206415929	-2.276373785	1.71E-55	1.65E-53	1007.64208	1144.64054	1112.53945	254.7439817	206.546364	213.3742721	Emilin2
ENSMUSG00000032702	3.823524417	1.934903087	2.00E-55	1.92E-53	3108.83534	2844.96982	2414.63183	10571.87524	11026.33255	10413.48122	Kank1
ENSMUSG00000036887	0.069069888	-3.855799296	3.88E-55	3.71E-53	3591.1791	6427.59688	7113.81015	423.5377582	384.0738174	375.7020676	C1qa
ENSMUSG00000028906	10.21595091	3.352751593	8.79E-55	8.37E-53	1602.74153	1707.17756	1479.25624	15829.33538	11723.6399	21380.30625	Epb41
ENSMUSG00000037995	9.954674286	3.315374112	9.39E-55	8.89E-53	122.599436	135.008884	122.651899	988.9451322	1214.52676	1583.461703	Igsf9
ENSMUSG00000069378	6.113905958	2.612094361	1.14E-54	1.07E-52	243.4091	197.6217	288.665581	1420.767247	1427.901103	1599.796576	Prdm6
ENSMUSG00000015852	0.068723946	-3.863043311	1.38E-54	1.29E-52	1050.59663	964.628695	1097.67255	101.4833748	64.86580027	47.98368798	Fcrls
ENSMUSG00000085069	4.948086807	2.306870811	1.43E-54	1.33E-52	272.045464	212.296579	219.286729	1187.769703	1203.431294	1098.520176	Gm13111

ENSMUSG00000026532	102.1664362	6.674777509	2.75E-54	2.54E-52	3.57954558	7.82660199	4.95563229	565.407374	436.9906544	664.625125	Spta1
ENSMUSG00000038244	3.108615456	1.636272162	2.92E-54	2.69E-52	2871.69044	2602.34516	2376.22568	8067.928298	8247.345105	8100.054903	Mical2
ENSMUSG00000027858	3.754278847	1.90853581	3.36E-54	3.08E-52	2225.58247	1872.51453	1744.38257	7204.284068	7517.604852	7225.118295	Tspan2
ENSMUSG00000021922	13.37123363	3.74106067	3.96E-54	3.61E-52	519.928996	318.934031	260.170695	4535.685528	5039.901981	5153.652275	Itih4
ENSMUSG00000044676	6.809419852	2.767531889	5.03E-54	4.55E-52	86.8039804	104.680802	109.02391	609.9357936	678.5304107	749.3622761	Zfp612
ENSMUSG00000070942	0.083181101	-3.587600417	1.66E-53	1.50E-51	631.789795	483.292673	460.873803	41.42178564	49.50284757	39.81625173	Il1rl2
ENSMUSG00000079227	0.035937004	-4.798386033	1.81E-53	1.62E-51	553.934679	966.585346	810.24588	18.63980354	27.3119159	37.77439267	Ccr5
ENSMUSG00000031930	4.25560995	2.089365926	2.11E-53	1.88E-51	3053.35238	2811.70676	3782.38635	13636.05183	13509.1564	13894.85092	Wwp2
ENSMUSG00000019851	3.264107194	1.706688437	2.29E-53	2.03E-51	664.005705	752.332116	675.2049	2245.060782	2408.569584	2173.558973	Perp
ENSMUSG00000021136	4.49013109	2.166757565	5.01E-53	4.41E-51	1447.92619	1154.42379	1591.99687	6289.89815	6343.192468	6189.89575	Smoc1
ENSMUSG00000026620	4.081813767	2.029210361	5.93E-53	5.20E-51	805.397756	677.979397	748.300476	2993.759557	3365.340138	2750.384158	Mark1
ENSMUSG00000036412	0.088020539	-3.506015987	2.60E-52	2.27E-50	409.857969	432.41976	541.402828	46.59950885	37.55388437	37.77439267	Arsi
ENSMUSG00000063873	6.897648734	2.786104661	5.85E-52	5.08E-50	354.375013	254.364565	405.12294	2170.501568	2418.811552	2391.016963	Slc24a3
ENSMUSG00000054203	0.049474092	-4.337182952	9.24E-52	7.98E-50	474.28979	797.335078	563.703173	27.95970531	35.84688962	26.54416782	Ifi205
ENSMUSG00000030208	0.233376102	-2.09927126	9.50E-52	8.17E-50	8672.34406	7396.13888	7901.75569	2159.110577	1675.415341	1761.103442	Emp1
ENSMUSG00000050830	25.00875292	4.644361213	1.05E-51	8.97E-50	16.1079551	38.1546847	35.9283341	912.3148287	677.6769133	639.1018867	Vwc2
ENSMUSG00000036896	0.072276823	-3.790323103	1.19E-51	1.01E-49	2694.50294	4187.23206	4561.65952	358.2984458	241.5397563	227.6672855	C1qc
ENSMUSG00000034780	8.02987256	3.005377091	2.29E-51	1.94E-49	161.974438	115.442379	105.307186	970.3053286	1147.953965	970.9039845	B3galt1
ENSMUSG00000075289	3.618092281	1.855229205	2.38E-51	2.00E-49	367.798309	436.333061	431.140009	1425.944971	1518.371825	1518.122213	Carns1
ENSMUSG00000043687	10.14691493	3.342969251	2.93E-51	2.46E-49	48.3238654	45.0029614	75.5733924	532.2699455	577.8177208	580.9089034	1190005I06Rik
ENSMUSG00000024810	0.137333603	-2.86424343	4.04E-51	3.37E-49	2650.6535	2240.36482	1962.43039	386.2581511	283.3611275	272.5881849	Il33
ENSMUSG00000030787	0.210046017	-2.251222668	4.91E-51	4.07E-49	1612.58528	1400.96176	1574.65216	352.0851779	340.5454514	270.5463259	Lyve1
ENSMUSG00000041773	0.197365753	-2.341056423	8.93E-51	7.38E-49	745.440367	684.827674	780.512086	164.6515979	138.2665743	133.7417686	Enc1
ENSMUSG00000004098	0.111067774	-3.17048781	1.09E-50	8.99E-49	2020.65348	2258.953	2662.41345	294.094678	185.2089297	293.0067755	Col5a3
ENSMUSG00000029126	0.212682426	-2.233227265	1.15E-50	9.44E-49	980.795489	904.950855	1019.62134	218.4999193	221.9093167	176.620809	Nsg1
ENSMUSG00000027796	7.181508863	2.844286992	1.25E-50	1.02E-48	68.9062524	61.6344907	52.0341391	434.9287492	459.1815861	426.7485442	Smad9
ENSMUSG00000018677	5.917480874	2.564983138	1.26E-50	1.02E-48	1384.38925	1700.32928	2156.93895	10056.17401	10637.13775	10302.1999	Slc25a39
ENSMUSG00000002012	3.846124599	1.943405501	1.80E-50	1.45E-48	399.119332	399.156701	410.078572	1448.726953	1460.334003	1737.622063	Pnck
ENSMUSG00000020097	0.343483351	-1.541687922	1.82E-50	1.46E-48	1790.66768	1675.87115	1661.37573	612.0068828	566.722255	583.971692	Sgpl1
ENSMUSG00000065592	4.52877589	2.179121148	2.91E-50	2.33E-48	253.25285	206.426627	205.65874	1020.011471	1053.215757	947.4226053	Mir145a
ENSMUSG00000028583	0.134966946	-2.889321969	4.58E-50	3.64E-48	1053.28129	1277.69277	1403.68285	196.7534818	135.7060821	172.5370908	Pdpn
ENSMUSG00000050288	2.674220559	1.419118458	5.41E-50	4.28E-48	966.477307	928.430661	1027.05479	2527.764469	2611.701958	2668.709795	Fzd2
ENSMUSG00000027102	0.183332238	-2.4474676	5.60E-50	4.41E-48	647.002864	779.725223	682.638348	136.6918926	116.0756426	134.7626982	Hoxd8
ENSMUSG00000027330	3.566225666	1.834397998	1.00E-49	7.86E-48	528.87786	557.645392	564.942081	2030.703041	2104.724519	1749.873217	Cdc25b
ENSMUSG00000000320	30.06573487	4.910048317	1.15E-49	8.99E-48	54.5880701	43.0463109	66.9010359	1447.691408	1032.73182	2448.189017	Alox12
ENSMUSG00000021458	2.417645433	1.273602677	1.97E-49	1.53E-47	2332.96883	2270.6929	2488.96632	5660.287008	5610.891723	5870.344806	2010111I01Rik
ENSMUSG00000054690	0.279278512	-1.840223522	2.63E-49	2.04E-47	1797.82677	1962.52045	1852.16757	583.0116329	475.3980362	510.4647658	Emcn
ENSMUSG00000019944	4.967508101	2.31252232	3.18E-49	2.44E-47	765.127868	621.236533	558.747541	3480.465538	3297.060348	2898.41894	Rhobtb1
ENSMUSG00000085180	4.67967813	2.226409304	5.48E-49	4.20E-47	579.886384	426.549808	452.201447	2292.695835	2378.697176	2163.349677	AI838599
ENSMUSG00000015342	6.184617917	2.628684469	5.73E-49	4.37E-47	260.411941	218.16653	166.013682	1292.359712	1379.251753	1333.333968	Xk
ENSMUSG00000041740	3.262901672	1.706155512	6.80E-49	5.17E-47	3235.90921	3934.82415	3492.48186	11156.95796	11214.95547	12420.62868	Rnf10
ENSMUSG00000020709	0.104491606	-3.258541044	8.14E-49	6.16E-47	347.215921	388.395124	439.812366	42.45733028	36.70038699	43.89996986	Adap2
ENSMUSG00000021871	0.296563024	-1.753589362	9.83E-49	7.40E-47	2168.30974	2430.15992	2231.27344	739.3788737	665.7279501	620.7251552	Pnp
ENSMUSG00000024158	3.625294311	1.858098122	1.00E-48	7.52E-47	434.914788	535.143911	465.829435	1751.105988	1654.931404	1799.898764	Hagh
ENSMUSG00000043004	0.135158096	-2.887280168	1.03E-48	7.65E-47	604.048317	661.347868	738.389211	102.5189195	97.2987004	70.44413768	Gng2
ENSMUSG00000053113	0.241448228	-2.050214216	1.90E-48	1.41E-46	1098.92049	1145.61887	1176.96267	300.3079459	237.2722694	289.943987	Socs3
ENSMUSG00000028111	0.158133853	-2.660781848	2.01E-48	1.49E-46	5821.236	4018.96012	4808.20223	856.3954181	648.6580027	812.6599071	Ctsk
ENSMUSG00000059921	6.317977586	2.659462819	2.31E-48	1.70E-46	330.21308	221.101506	252.737247	1626.840631	1879.401213	1581.419844	Unc5c
ENSMUSG00000022995	3.242580705	1.697142482	2.63E-48	1.93E-46	3367.45751	3365.43886	3862.91537	12315.73242	11605.85726	10426.75331	Enah
ENSMUSG00000059146	3.545924869	1.826161969	3.02E-48	2.20E-46	2079.71598	1692.50268	1658.89791	6267.116167	6321.001537	6680.962854	Ntrk3
ENSMUSG00000051359	3.587848371	1.843118921	3.45E-48	2.51E-46	358.849445	316.977381	343.177536	1127.708114	1284.513545	1243.492169	Ncald
ENSMUSG00000052430	7.369438993	2.881554797	3.52E-48	2.55E-46	97.5426171	68.4827674	80.5290247	652.3931238	629.0275631	540.0717222	Bmpr1b
ENSMUSG00000038530	2.379104883	1.250418874	4.47E-48	3.22E-46	1886.42052	1863.7096	1878.18464	4689.981679	4296.50577	4405.310929	Rgs4
ENSMUSG00000111521	3.378000142	1.756169389	6.11E-48	4.38E-46	1407.6563	1265.95287	1419.78865	5116.626071	4229.079478	4480.859714	Gm48529
ENSMUSG00000026840	11.13545831	3.477089033	1.42E-47	1.02E-45	80.5397756	41.0896604	75.5733924	712.454713	738.2752268	741.1948399	Lamc3
ENSMUSG00000034275	5.44258296	2.444291493	1.45E-47	1.03E-45	671.164797	493.075925	470.785068	3019.648173	3165.621753	2726.902779	Igsf9b
ENSMUSG00000026821	0.288387465	-1.793919639	2.09E-47	1.48E-45	947.684693	903.97253	918.030882	245.4240799	272.2656617	280.7556212	Ralgds
ENSMUSG00000020053	0.101816267	-3.295960017	2.16E-47	1.52E-45	10228.5515	8141.62272	13587.1048	1192.947426	830.4529429	1231.241015	Igf1
ENSMUSG00000020902	2.858295761	1.515155207	2.96E-47	2.08E-45	2498.52282	2264.82295	2081.36556	6652.338774	6437.077179	6485.965314	Ntn1
ENSMUSG00000019763	3.509902433	1.811430928	4.17E-47	2.91E-45	470.710244	450.029614	424.945469	1419.731703	1639.568452	1668.198855	Rmnd1
ENSMUSG00000049103	0.062669681	-3.996088529	4.39E-47	3.06E-45	1858.67904	2865.51465	2593.0346	219.5354639	109.2476636	130.67898	Ccr2
ENSMUSG00000033306	2.946780202	1.559139455	5.24E-47	3.64E-45	6957.74172	6215.3003	6671.51997	19146.18487	21311.82938	18018.3853	Lpp
ENSMUSG00000001870	3.57572225	1.838234677	6.75E-47	4.67E-45	4833.28142	3929.93252	3803.44778	14894.23857	15722.27509	14328.74597	Ltbp1
ENSMUSG00000021892	0.262842745	-1.927728182	1.13E-46	7.75E-45	1136.50572	1252.25632	1402.44394	338.6230976	329.4499856	327.7183796	Sh3bp5
ENSMUSG00000034353	4.596929825	2.200670643	1.67E-46	1.15E-44	566.463088	722.004034	812.723696	3130.45145	3258.652966	3254.723347	Ramp1
ENSMUSG00000028459	0.037274744	-4.745657738	2.39E-46	1.63E-44	459.076721	923.539035	660.338003	21.74643746	32.43290013	21.43952016	Cd72
ENSMUSG00000029761	2.603706277	1.380566708	2.43E-46	1.65E-44	24543.1543	20866.6992	22729.0075	59839.98263	59606.54946	57969.39973	Cald1
ENSMUSG00000029467	3.439146532	1.782050586	2.61E-46	1.77E-44	6008.26726	4993.37207	4650.8609	18161.38191	18054.88341	17627.36929	Atp2a2
ENSMUSG00000020467	0.2343246	-2.093419678	3.13E-46	2.11E-44	945.89492	927.452336	857.324386	237.1397228	186.9159245	217.4579902	Efemp1
ENSMUSG00000050315	3.47712414	1.797894575	3.89E-46	2.61E-44	6115.65363	6790.55555	5176.15793	20591.80519	21322.07135	20971.93444	Synpo2
ENSMUSG00000072941	3.210734754	1.682903486	4.66E-46	3.12E-44	5345.15644	4276.25966	5032.44459	15590.12457	15106.90348	16353.24924	Sod3
ENSMUSG00000036553	0.168878366	-2.565943571	5.62E-46	3.75E-44	489.502858	535.143911	433.617825	81.80802664	81.08225034	83.71622159	Sh3tc1
ENSMUSG00000027536	4.271958128	2.094897506	5.91E-46	3.93E-44	493.082404	450.029614	384.061503	1966.499273	2021.935274	1691.680234	Chmp4c
ENSMUSG00000021998	0.177586294	-2.493407856	6.73E-46	4.45E-44	2619.33248	3851.6665	3371.06887	564.3718294	538.5568417	645.2274639	Lcp1
ENSMUSG00000022358	3.049956871	1.608788842	7.41E-46	4.88E-44	1320.85232	1419.54994	1428.46101	3960.958252	4684.847075	4063.299535	Fbxo32
ENSMUSG00000036533	2.360946455	1.239365323	9.49E-46	6.23E-44	1325.32675	1339.32727	1336.78181	3023.790352	3274.015919	3147.525746	Cdc42ep3
ENSMUSG00000029816	0.096612751	-3.371642585	1.15E-45	7.52E-44	3231.43477	3771.44383	2588.07896	386.2581511	215.0813377	326.6974501	Gpnmb
ENSMUSG00000022150	0.262868947	-1.927584367	1.25E-45	8.14E-44	3389.82967	2915.40924	3713.00749	914.385918	804.8480218	914.7528602	Dab2
ENSMUSG00000042331	5.393186687	2.431137974	1.85E-45	1.20E-43	710.539798	677.979397	790.42335	3370.697807	3556.523549	4818.787389	Specc1
ENSMUSG00000037095	0.266724335	-1.906578637	2.08E-45	1.35E-43	2532.5285	2941.82402	3264.52277	779.7651147	812.5294981	737.1111218	Lrg1
ENSMUSG00000024349	0.192790729	-2.374892417	2.48E-45	1.60E-43	649.687523	799.291728	646.710014	127.3719908	134.8525848	141.9092049	Tmem173
ENSMUSG00000022231	5.669478381	2.503216006	2.65E-45	1.70E-43	724.85798	514.599081	517.863574	3124.238182	3744.292971	3105.667635	Sema5a
ENSMUSG00000020186	3.455454338	1.788875415	2.73E-45	1.75E-43	4300.82402	3951.45568	5115.45143	16053.01303	15181.15776	14945.38741	Csrp2
ENSMUSG00000056737	0.309720073	-1.690963208	4.10E-45	2.61E-43	2094.03417	2517.23086	2316.7581	690.7082756	701.5748398	753.4459943	Capg
ENSMUSG00000047658	132.4809306	7.049640901	5.39E-45	3.42E-43	4.47443198	2.93497575	2.47781615	380.0448833	489.0539941	475.7531617	Gal3st3
ENSMUSG00000053158	0.20415307	-2.292276835	6.38E-45	4.03E-43	893.096623	1058.54792	1056.78859	218.4999193	174.1134639	222.5626379	Fes
ENSMUSG00000068196	0.230073746	-2.119831729	7.29E-45	4.59E-43	11051.847	7827.58031	9912.50349	2250.238505	2103.017525	2271.568208	Col8a1
ENSMUSG00000031963	0.062127788	-4.008617505	7.50E-45	4.71E-43	679.218774	432.41976	628.126393	46.59950885	26.45841853	35.7325336	Bmper
ENSMUSG00000030148	0.051600211	-4.276479233	2.10E-44	1.31E-42	313.210238	513.620756	434.856733	21.74643746	25.60492116	17.35580204	Clec4a2
ENSMUSG00000006574	762.7292707	9.575027256	2.36E-44	1.47E-42	3.57954558	1.9566505	13.6279888	3587.126636	4323.817686	6107.200458	Slc4a1
ENSMUSG00000048546	2.686173452	1.425552465	2.46E-44	1.53E-42	1261.78982	1210.18833	1138.55652	3246.43245	3410.575498	3046.453722	Tob2
ENSMUSG00000034911	0.310419099	-1.68771077	3.18E-44	1.97E-42	1786.19325	1668.04455	1494.12314	529.1633116	501.8564547	506.3810476	Ushbp1
ENSMUSG00000071714	0.182288924	-2.455701193	3.34E-44	2.06E-42	655.951728	598.735052	579.808978	132.5497141	100.7126899	102.0929532	Csf2rb2

ENSMUSG00000051236	2.154812003	1.107562006	4.77E-44	2.93E-42	4364.36095	4402.46362	4290.33866	9404.81643	9746.086491	8985.200807	Msrb3
ENSMUSG00000021701	0.240072779	-2.058456267	4.84E-44	2.96E-42	1231.36368	1362.80707	1372.71014	348.978544	268.8516722	335.8858159	Plk2
ENSMUSG00000028557	3.020640524	1.594854504	5.16E-44	3.15E-42	2050.18473	2394.94021	2330.38608	6722.75581	6374.771871	7364.98564	Rnf11
ENSMUSG00000058793	2.321874586	1.215290048	5.39E-44	3.27E-42	2996.07965	2700.17769	2787.54316	6714.471452	6534.37588	6453.295569	Cds2
ENSMUSG00000019907	2.906027947	1.539048577	5.86E-44	3.54E-42	5030.15643	4238.10498	4313.87791	13636.05183	13395.64125	12445.13099	Ppp1r12a
ENSMUSG00000060586	0.059343341	-4.074770038	8.07E-44	4.86E-42	7058.86389	15399.8177	9801.00176	676.2106506	774.1221164	463.5020073	H2-Eb1
ENSMUSG00000048458	3.516194887	1.814015035	8.22E-44	4.94E-42	533.352292	424.593158	469.54616	1756.283711	1654.931404	1612.04773	Fam212b
ENSMUSG00000038156	0.258560533	-1.951426016	8.29E-44	4.96E-42	2398.29554	1881.31945	2221.36217	541.5898473	533.4358575	606.4321417	Spon1
ENSMUSG00000000318	0.073897246	-3.758335592	1.29E-43	7.69E-42	647.002864	1118.22576	1036.96606	78.70139272	75.96126611	52.06740611	Clec10a
ENSMUSG00000018830	4.181246291	2.063933026	1.35E-43	8.04E-42	64977.7012	52676.9447	45340.3187	230927.4905	225597.2789	225012.8687	Myh11
ENSMUSG00000073460	5.943262862	2.571255191	1.75E-43	1.04E-41	105.596595	109.572428	121.412991	567.4784633	664.8744528	762.63436	Pnldc1
ENSMUSG00000030849	3.946953014	1.980739345	2.83E-43	1.67E-41	510.980132	412.853255	423.706561	1943.717291	1751.376607	1630.424462	Fgfr2
ENSMUSG00000030607	0.174478325	-2.518880266	3.00E-43	1.77E-41	1592.0029	1577.0603	1248.81934	297.201312	264.5841853	209.290554	Acan
ENSMUSG00000015766	0.177944431	-2.490501313	3.46E-43	2.02E-41	651.477296	668.196145	625.648577	140.8340712	97.2987004	109.2394599	Eps8
ENSMUSG00000032946	2.717000187	1.442014665	6.04E-43	3.53E-41	1164.2472	997.891754	1098.91146	2860.174298	2971.877849	3029.09792	Rasgrp2
ENSMUSG00000039462	0.006105698	-7.355627959	7.23E-43	4.21E-41	1714.60233	469.596119	945.286859	3.106633923	7.681476348	8.167436252	Col10a1
ENSMUSG00000009185	0.038515638	-4.698411867	8.02E-43	4.65E-41	607.627862	1318.78244	1408.63848	35.20851779	52.91683706	39.81625173	Ccl8
ENSMUSG00000069763	0.233279847	-2.099866417	8.74E-43	5.05E-41	908.309691	830.598136	766.884097	217.4643746	177.5274534	190.9138224	Tmem100
ENSMUSG00000030533	2.541248647	1.345537542	9.14E-43	5.27E-41	1228.67902	1217.03661	1352.88762	3096.278477	3208.296621	3341.502357	Unc45a
ENSMUSG00000017309	0.280243598	-1.835246679	9.67E-43	5.55E-41	868.039804	791.465126	765.645189	219.5354639	221.9093167	238.8975104	Cd300lg
ENSMUSG00000026475	0.077984064	-3.680676849	1.06E-42	6.04E-41	356.164785	357.088716	522.819207	34.17297315	32.43290013	29.60695641	Rgs16
ENSMUSG00000025666	2.899547778	1.535827911	2.07E-42	1.18E-40	1435.39778	1216.05828	1246.34152	3814.946458	3915.845943	3576.316149	Tmem47
ENSMUSG00000098557	0.298072757	-1.746263571	2.34E-42	1.33E-40	1890.00007	1920.45246	2244.90143	642.0376774	602.5691446	559.4693833	Kctd12
ENSMUSG00000028631	3.298708039	1.721901094	2.44E-42	1.38E-40	504.715927	414.809905	421.228745	1497.397551	1455.213019	1477.285032	Kcnq4
ENSMUSG00000027435	0.297908071	-1.747060886	4.00E-42	2.26E-40	4276.66208	3392.83196	3615.13376	1164.987721	1066.871715	1131.189921	Cd93
ENSMUSG00000101389	0.052256954	-4.258233166	5.36E-42	3.01E-40	259.517055	246.537963	310.965926	18.63980354	10.24196846	14.29301344	Ms4a4a
ENSMUSG00000046329	3.537474637	1.822719804	5.82E-42	3.26E-40	1135.61084	933.322287	906.880709	3264.036708	3503.606712	3768.250901	Slc25a23
ENSMUSG00000034684	2.09381314	1.066132696	5.94E-42	3.32E-40	1612.58528	1661.19627	1627.92521	3428.688306	3411.428996	3423.176719	Sema3f
ENSMUSG00000020689	2.991528016	1.580882574	6.30E-42	3.51E-40	1478.35233	1279.64943	1494.12314	4081.08143	4054.966014	4581.931737	Itgb3
ENSMUSG00000061353	0.321265969	-1.63815993	6.42E-42	3.56E-40	10127.4293	10102.1865	12156.166	3654.437038	3233.901542	3516.081307	Cxcl12
ENSMUSG00000038264	0.208638316	-2.260923963	8.30E-42	4.59E-40	561.988656	545.905489	659.099095	128.4075355	126.3176111	113.323178	Sema7a
ENSMUSG00000041515	0.090581684	-3.464636828	1.31E-41	7.23E-40	707.855139	1182.79523	1092.71692	82.84357128	110.9546584	75.54878533	Irf8
ENSMUSG00000024663	0.290520817	-1.78328655	1.50E-41	8.23E-40	1062.23015	1161.27207	1222.80227	364.5117136	312.3800381	324.655591	Rab3il1
ENSMUSG00000037656	2.214193685	1.146781426	1.79E-41	9.79E-40	1014.80117	1041.91639	1036.96606	2298.909103	2269.449512	2280.756573	Slc20a2
ENSMUSG00000020427	0.125391513	-2.995488396	1.95E-41	1.06E-39	1932.05973	1605.43173	2680.99707	297.201312	223.6163115	259.316101	Igfbp3
ENSMUSG00000022636	3.446287388	1.785043014	1.97E-41	1.07E-39	348.110808	380.568522	325.832823	1174.307623	1319.506937	1143.441075	Alcam
ENSMUSG00000030789	0.037735715	-4.727925595	2.46E-41	1.34E-39	611.207408	1055.61294	530.252655	38.31515172	19.63043956	25.52323829	Itgax
ENSMUSG00000024538	0.296081688	-1.755932828	3.72E-41	2.02E-39	4231.91776	3531.75415	4545.55372	1260.257828	1169.2914	1214.906143	Ppic
ENSMUSG00000006221	4.213388723	2.074981024	5.22E-41	2.82E-39	2278.38076	2765.72548	2559.58408	12199.75142	10970.00172	8864.731122	Hspb7
ENSMUSG00000049107	4.143105876	2.050712688	6.37E-41	3.42E-39	248.778418	210.339928	221.764545	836.7200699	1027.610836	958.6528301	Ntf3
ENSMUSG00000058818	0.099312361	-3.331882892	6.59E-41	3.53E-39	743.650595	1303.12923	950.242492	113.9099105	86.20323457	98.00923503	Pirb
ENSMUSG00000041075	2.545620696	1.34801747	7.20E-41	3.85E-39	1165.14209	1020.39323	1100.15037	2876.743013	2771.305967	2717.714413	Fzd7
ENSMUSG00000031661	2.954281924	1.562807507	8.80E-41	4.69E-39	934.261397	930.387311	1080.32784	3106.633923	2755.943014	2830.016661	Nkd1
ENSMUSG00000027339	0.207394706	-2.269549028	1.64E-40	8.71E-39	1429.13357	1541.84059	1863.31774	375.9027047	342.2524462	283.8184098	Rassf2
ENSMUSG00000034853	4.248755792	2.087040423	2.46E-40	1.30E-38	441.178993	370.785269	325.832823	1479.793292	1604.575059	1761.103442	Acot11
ENSMUSG00000029552	3.226057157	1.689772	3.49E-40	1.84E-38	742.755708	661.347868	702.460877	2011.027693	2452.951447	2331.80305	Tes
ENSMUSG00000062168	39.8595152	5.316852258	3.49E-40	1.84E-38	9.84375035	2.93497575	14.8668969	403.86241	384.0738174	280.7556212	Ppef1
ENSMUSG00000039257	12.22197666	3.611405726	3.82E-40	2.00E-38	30.4261374	33.2630585	27.2559776	288.9169548	436.1371571	389.995081	Vstm2b
ENSMUSG00000026691	35.51783364	5.150471684	5.63E-40	2.94E-38	30.4261374	18.5881797	32.2116099	1319.283873	1064.311223	491.0671047	Fmo3
ENSMUSG00000040447	0.285711785	-1.807367548	7.78E-40	4.05E-38	1150.8239	1246.38637	1153.42342	372.7960708	346.519933	295.0486346	Spns2
ENSMUSG00000015947	0.030964378	-5.013246703	9.18E-40	4.77E-38	346.321035	770.920296	755.733924	24.85307138	17.92344481	15.31394297	Fcgr1
ENSMUSG00000052056	0.28893515	-1.791182373	1.19E-39	6.15E-38	619.261386	585.038499	618.215128	169.8293211	174.9669613	181.7254566	Zfp217
ENSMUSG00000052384	0.16755469	-2.577296025	1.37E-39	7.05E-38	630.894909	895.167603	823.873868	136.6918926	139.1200716	117.4068961	Nrros
ENSMUSG00000026536	0.045622135	-4.454122235	1.53E-39	7.88E-38	388.380696	765.050344	748.300476	28.99524995	35.84688962	21.43952016	Mnda
ENSMUSG00000040543	3.672690226	1.876837217	1.56E-39	7.99E-38	348.110808	302.302502	344.416444	1079.037516	1258.908624	1313.936307	Pitpnm3
ENSMUSG00000026110	3.289131755	1.7177068	2.41E-39	1.23E-37	940.525602	767.98532	755.733924	2656.172004	2863.483683	2593.16101	Mgat4a
ENSMUSG00000045312	0.161119295	-2.633798816	2.69E-39	1.37E-37	960.213102	870.709471	1064.22203	198.8245711	136.5595795	131.6999096	Lhfpl2
ENSMUSG00000040613	0.223216482	-2.163484534	3.47E-39	1.77E-37	885.042645	1152.46714	914.314158	204.0022943	227.0303009	227.6672855	Apobec1
ENSMUSG00000062593	0.129701738	-2.946730287	3.56E-39	1.81E-37	1127.55686	1641.62977	1093.95583	182.2558568	133.9990874	185.8091747	Lilrb4a
ENSMUSG00000031875	0.207768758	-2.266949363	3.64E-39	1.84E-37	1622.42903	1621.08494	2148.2666	421.4666689	334.5709698	364.4718428	Cmtm3
ENSMUSG00000026259	4.304569663	2.105869015	3.82E-39	1.93E-37	153.025574	139.900511	187.075119	661.7130256	684.5048923	710.5669539	Ngef
ENSMUSG00000020846	0.263054704	-1.926565245	4.11E-39	2.07E-37	1694.01995	1800.11846	2242.42361	510.523508	504.4169468	493.1089637	Rflnb
ENSMUSG00000031239	0.088320394	-3.501109585	4.35E-39	2.18E-37	2242.58531	1394.11348	2370.03114	232.9975442	163.017998	134.7626982	Itm2a
ENSMUSG00000035873	4.103138148	2.036727729	5.72E-39	2.86E-37	575.411952	496.989226	421.228745	1887.797881	2246.405083	2005.1056	Pawr
ENSMUSG00000031328	3.703895386	1.889043351	6.21E-39	3.09E-37	72784.6901	59661.2086	51740.5178	222608.9604	233294.1182	226317.6167	Flna
ENSMUSG00000053965	2.997931541	1.583967439	6.26E-39	3.11E-37	2061.81826	1625.97656	1800.13343	5544.306008	5609.184729	5302.707987	Pde5a
ENSMUSG00000042524	2.570819936	1.362228565	7.39E-39	3.66E-37	3369.24728	3629.58667	3999.19526	9824.212009	9303.974852	9136.298378	Sun2
ENSMUSG00000026389	0.325429852	-1.619581498	7.94E-39	3.91E-37	2185.31258	1783.48693	1990.92527	630.6466864	673.4094265	635.0181686	Steap3
ENSMUSG00000035310	4.523844905	2.177549469	7.94E-39	3.91E-37	201.349439	211.318254	163.535866	921.6347305	925.1911512	767.7390077	Lin54
ENSMUSG00000030562	4.127842334	2.045387867	9.13E-39	4.48E-37	1908.79268	1354.98047	1428.46101	6465.940739	6754.578202	6157.226005	Nox4
ENSMUSG00000098098	3.908877542	1.966754388	9.70E-39	4.75E-37	1303.84948	1124.09571	915.553066	4448.699778	4462.937758	4171.518066	Bvht
ENSMUSG00000059970	3.220161452	1.687133024	9.85E-39	4.81E-37	375.852286	361.980342	341.938628	1270.613275	1075.406689	1136.294569	Hspa2
ENSMUSG00000022575	0.265835398	-1.911394874	1.08E-38	5.26E-37	967.372193	1019.41491	926.703238	275.4548745	221.0558193	279.7346916	Gsdmd
ENSMUSG00000028121	3.037872362	1.603061255	1.37E-38	6.64E-37	574.517066	465.682818	504.235586	1588.525479	1552.51172	1554.875677	Bcar3
ENSMUSG00000023349	0.030017943	-5.058031093	1.57E-38	7.58E-37	255.937509	476.444396	494.324321	16.56871426	10.24196846	10.20929532	Clec4n
ENSMUSG00000052336	0.051197326	-4.287787735	1.99E-38	9.62E-37	526.1932	930.387311	1137.31761	55.91941062	32.43290013	44.92089939	Cx3cr1
ENSMUSG00000028031	0.103759579	-3.26868357	3.18E-38	1.53E-36	713.224457	823.749859	1267.40296	104.5900087	97.2987004	88.82086924	Dkk2
ENSMUSG00000052688	0.13305211	-2.909936703	3.41E-38	1.64E-36	877.883554	1204.31838	1480.49515	172.9359551	139.973569	161.306866	Rab7b
ENSMUSG00000032125	0.231587849	-2.110368538	3.96E-38	1.90E-36	1035.38356	900.059229	890.774904	250.6018031	218.4953272	185.8091747	Robo4
ENSMUSG00000030560	0.306754545	-1.704843375	4.99E-38	2.38E-36	3309.28989	4143.20743	3784.86416	1159.809998	1232.450205	1053.599277	Ctsc
ENSMUSG00000020900	7.655102206	2.93642164	6.06E-38	2.88E-36	2886.90351	1726.74406	1590.75797	15116.88067	17174.92762	15222.05932	Myh10
ENSMUSG00000027994	0.126000096	-2.988503259	6.87E-38	3.26E-36	351.690353	500.902527	422.467653	59.02604454	46.94235546	55.1301947	Mcub
ENSMUSG00000022483	0.008489349	-6.880130403	6.95E-38	3.29E-36	309.630693	586.995149	355.566617	5.177723205	2.560492116	3.062788595	Col2a1
ENSMUSG00000052160	0.103192793	-3.276585878	7.35E-38	3.47E-36	854.616508	1596.62681	1474.30061	144.9762497	137.4130769	122.5115438	Pld4
ENSMUSG00000031994	3.530546608	1.819891563	7.62E-38	3.59E-36	723.963094	710.264131	598.392599	2574.363978	2506.721781	2103.114835	Adamts8
ENSMUSG00000031548	0.360499876	-1.471929331	8.78E-38	4.12E-36	2856.47737	2845.94815	3171.60467	1128.743659	969.5730146	1101.582965	Sfrp1
ENSMUSG00000090272	0.141216114	-2.824023377	9.82E-38	4.59E-36	1481.93187	2472.2279	2417.10965	298.2368566	325.1824987	275.6509735	Mndal
ENSMUSG00000028124	3.295122248	1.72033199	1.07E-37	5.00E-36	635.369341	658.412892	590.959151	1914.722041	1945.120511	2355.284429	Gclm
ENSMUSG00000024610	0.084285184	-3.568577134	1.15E-37	5.37E-36	11771.3356	25176.2219	16531.9893	1564.707953	1790.637486	1151.608512	Cd74
ENSMUSG00000026113	2.203395745	1.139728636	1.40E-37	6.50E-36	1300.26993	1287.47603	1198.02411	2761.797558	2767.891977	2817.765507	Inpp4a
ENSMUSG00000056069	0.102025862	-3.292993197	1.49E-37	6.91E-36	332.897739	510.68578	469.54616	50.74168741	44.38186334	38.7953222	Fam105a
ENSMUSG00000032089	0.093270609	-3.422433657	1.70E-37	7.87E-36	566.463088	1074.20112	968.826113	81.80802664	82.78924508	78.61157393	Il10ra
ENSMUSG00000030707	0.105707129	-3.241855412	1.73E-37	7.94E-36	1266.26425	2414.50671	2221.36217	215.3932853	225.3233062	182.7463861	Coro1a

ENSMUSG00000073414	62.81613464	5.973063265	1.86E-37	8.56E-36	8.94886395	6.84827674	17.344713	601.6514364	378.0993358	1053.599277	Mpig6b
ENSMUSG00000053646	2.73131176	1.449593997	2.79E-37	1.28E-35	1053.28129	930.387311	992.365366	2817.716968	2482.823855	2831.037591	Plxnb1
ENSMUSG00000059187	16.12663923	4.011373909	3.25E-37	1.48E-35	16.1079551	9.78325249	24.7781615	249.5662585	268.8516722	279.7346916	Fam19a1
ENSMUSG00000029838	0.102135941	-3.291437458	3.70E-37	1.68E-35	937.840942	586.995149	1087.76129	89.05683913	94.73820829	82.69529205	Ptn
ENSMUSG00000021870	3.486183132	1.801648357	5.05E-37	2.29E-35	4594.34675	4009.17687	3446.64226	14800.00401	14523.11128	12697.30058	Slmap
ENSMUSG00000018920	0.124122217	-3.010166725	5.90E-37	2.67E-35	1038.06822	1832.40319	1689.87061	210.2155621	173.2599665	182.7463861	Cxcl16
ENSMUSG00000000538	2.12305746	1.086143418	6.05E-37	2.73E-35	2373.23872	2225.68994	2258.52942	4701.37267	4819.69966	5040.329097	Tom1l2
ENSMUSG00000061119	0.350317685	-1.513264274	6.13E-37	2.76E-35	1411.23585	1623.04159	1605.62486	532.2699455	570.9897418	520.6740611	Prcp
ENSMUSG00000031387	0.190291293	-2.39371854	6.99E-37	3.14E-35	388.380696	445.137988	433.617825	82.84357128	69.13328713	89.84179877	Renbp
ENSMUSG00000062960	0.267018183	-1.904990108	7.82E-37	3.50E-35	2217.52849	1734.57067	1793.93889	561.2651954	477.1050309	497.1926819	Kdr
ENSMUSG00000054618	20.96505383	4.389914629	8.39E-37	3.75E-35	13.4232959	8.80492724	8.67235651	212.2866514	244.1002484	201.1231177	Gm9951
ENSMUSG00000022419	0.266243219	-1.909183315	8.66E-37	3.86E-35	2764.30408	3160.96888	3494.95967	908.1726502	718.6447872	882.0831152	Deptor
ENSMUSG00000019789	2.752983994	1.460996222	9.05E-37	4.02E-35	882.357986	767.006995	768.123005	2344.473067	2103.017525	2214.396154	Hey2
ENSMUSG00000037946	0.120231667	-3.056111168	9.18E-37	4.07E-35	267.571032	360.023692	349.372076	40.386241	40.11437648	36.75346313	Fgd3
ENSMUSG00000000915	2.747100243	1.457909556	1.03E-36	4.57E-35	584.360816	685.805999	666.532543	1804.954309	1813.681915	1696.784881	Hip1r
ENSMUSG00000050335	0.087233648	-3.51897147	1.10E-36	4.87E-35	1805.88075	4038.52663	3240.98352	300.3079459	248.3677352	244.002158	Lgals3
ENSMUSG00000004266	0.117935256	-3.083933033	1.22E-36	5.37E-35	662.215933	1104.52921	827.590593	90.09238377	121.1966268	93.9255169	Ptpn6
ENSMUSG00000021493	3.043536566	1.605748699	1.37E-36	5.99E-35	2785.78135	3561.10391	3504.87094	9875.989241	9859.601641	10240.94413	Pdlim7
ENSMUSG00000015340	0.074563976	-3.745377395	1.38E-36	6.03E-35	1429.13357	3534.68912	2611.61842	195.7179372	184.3554323	184.7882452	Cybb
ENSMUSG00000001494	349.3967531	8.448722392	1.47E-36	6.42E-35	22.3721599	24.4581312	84.2457489	16720.93932	13892.37672	14889.23629	Sost
ENSMUSG00000043415	3.621050905	1.856408458	1.62E-36	7.03E-35	462.656266	492.0976	536.447195	1946.823925	1534.588275	1914.242872	Otud1
ENSMUSG00000027208	0.249868177	-2.000760923	1.63E-36	7.07E-35	1174.09095	914.734107	929.181054	242.317446	250.9282274	261.3579601	Fgf7
ENSMUSG00000028926	0.244940709	-2.029495526	2.28E-36	9.85E-35	1369.17618	1025.28486	1209.17428	319.9832941	276.5331485	286.8811984	Cdk14
ENSMUSG00000040133	0.04107505	-4.605593867	2.41E-36	1.04E-34	242.514213	306.215803	457.157079	13.46208033	15.3629527	12.25115438	Gpr176
ENSMUSG00000057914	4.382805035	2.131854503	2.93E-36	1.26E-34	240.72444	197.6217	188.314027	799.4404629	963.598533	990.3016456	Cacnb2
ENSMUSG00000097617	2.949633761	1.560535834	3.23E-36	1.38E-34	288.153419	292.519249	327.071731	900.9238377	858.6183562	912.7110012	Gm10687
ENSMUSG00000041482	0.205849836	-2.280335799	3.54E-36	1.51E-34	793.764233	593.843426	744.583752	149.1184283	133.14559	157.2231479	Piezo2
ENSMUSG00000049723	0.030057774	-5.056118023	6.10E-36	2.60E-34	1093.55118	3492.62114	1487.9286	75.59475879	46.08885809	61.25577189	Mmp12
ENSMUSG00000073421	0.071834043	-3.799188466	6.24E-36	2.66E-34	5803.33827	13477.4086	9829.49665	716.5968916	865.4463352	508.4229067	H2-Ab1
ENSMUSG00000040896	6.74121085	2.75300775	7.95E-36	3.36E-34	73.3806844	76.3093694	117.696267	584.0471775	650.3649974	551.301947	Kcnd3
ENSMUSG00000044968	7.431619471	2.893676632	7.93E-36	3.36E-34	348.110808	294.4759	184.597303	1794.598863	2246.405083	2125.575285	Napepld
ENSMUSG00000020057	0.21959087	-2.187110021	9.32E-36	3.94E-34	1320.85232	1467.48787	1853.40648	375.9027047	334.5709698	308.3207185	Dram1
ENSMUSG00000001128	0.200985931	-2.314833576	9.69E-36	4.08E-34	936.05117	1330.52234	1359.08216	242.317446	238.9792642	247.0649466	Cfp
ENSMUSG00000029919	0.099799654	-3.324821381	1.03E-35	4.35E-34	398.224446	437.311386	615.737312	59.02604454	46.94235546	38.7953222	Hpgds
ENSMUSG00000031880	4.151034912	2.053471066	1.04E-35	4.35E-34	926.207419	889.297651	1152.18451	4450.770867	3437.033917	4422.666731	Rrad
ENSMUSG00000049037	0.089846906	-3.476387366	1.04E-35	4.36E-34	470.710244	853.099617	654.143462	50.74168741	54.62383181	72.48599674	Clec4a1
ENSMUSG00000032724	3.217239578	1.685823373	1.19E-35	4.95E-34	313.210238	302.302502	268.843052	876.0707663	971.2800093	1003.573729	Abtb2
ENSMUSG00000028599	0.213706262	-2.226298913	1.25E-35	5.19E-34	1242.9972	1818.70664	1412.3552	327.2321066	299.5775776	329.7602387	Tnfrsf1b
ENSMUSG00000020922	5.354185079	2.42066701	1.30E-35	5.41E-34	554.829565	665.261169	753.256108	3508.425244	2803.738867	4245.024992	Lsm12
ENSMUSG00000020101	0.275504194	-1.859853815	1.53E-35	6.35E-34	2091.34951	2631.69492	2267.20177	730.0589719	598.3016578	598.2647055	Vsir
ENSMUSG00000022100	2.460439048	1.298915777	1.97E-35	8.15E-34	849.247189	855.056267	877.146915	2060.733836	2008.279316	2281.777503	Xpo7
ENSMUSG00000045573	0.073786297	-3.760503275	1.98E-35	8.17E-34	2793.83533	1275.73612	2350.20861	201.931205	126.3176111	145.992923	Penk
ENSMUSG00000040740	32.77945812	5.0347201	2.02E-35	8.32E-34	15.2130687	18.5881797	8.67235651	316.8766602	403.7042569	693.2111519	Slc25a34
ENSMUSG00000037145	158.7218557	7.310356988	2.06E-35	8.45E-34	2.68465919	1.9566505	2.47781615	379.0093386	432.7231676	318.5300138	2210407C18Rik
ENSMUSG00000028381	0.290666742	-1.782562087	2.07E-35	8.47E-34	1632.27279	1878.38448	2171.80585	544.6964812	561.6012708	544.1554403	Ugcg
ENSMUSG00000036446	0.133579326	-2.904231359	2.24E-35	9.15E-34	21249.0775	13388.381	17518.1601	2817.716968	1678.829331	2471.670396	Lum
ENSMUSG00000019647	0.273230577	-1.871809153	2.30E-35	9.35E-34	711.434684	603.626678	683.877256	171.9004104	178.3809507	196.0184701	Sema6a
ENSMUSG00000020160	3.184361163	1.671003972	2.31E-35	9.38E-34	190.610802	183.925147	201.942016	622.3623293	616.2251026	594.1809873	Meis1
ENSMUSG00000033032	0.306107348	-1.707890416	2.63E-35	1.07E-33	860.880712	840.381389	766.884097	270.2771513	229.5907931	257.2742419	Afap1l1
ENSMUSG00000010051	3.767927943	1.913771376	2.69E-35	1.09E-33	466.235812	340.457187	376.628054	1418.696158	1568.72817	1476.264103	Hyal1
ENSMUSG00000028238	0.077071133	-3.697665595	2.94E-35	1.19E-33	282.784101	251.429589	203.180924	17.6042589	17.06994744	22.46044969	Atp6v0d2
ENSMUSG00000023913	0.100413483	-3.315975102	3.35E-35	1.35E-33	769.6023	1366.72037	909.358525	108.7321873	79.37525559	118.4278257	Pla2g7
ENSMUSG00000024013	0.106599977	-3.229720973	5.36E-35	2.15E-33	359.744331	557.645392	408.839664	44.52841956	55.47732918	40.83718126	Fgd2
ENSMUSG00000038521	0.237850832	-2.071871021	5.56E-35	2.22E-33	11094.8015	8269.78333	8206.52707	2456.311889	1920.369087	2182.747338	C1s1
ENSMUSG00000040964	2.69407913	1.429792226	5.81E-35	2.32E-33	974.531285	1189.6435	1136.0787	2945.088959	2900.18407	3041.349074	Arhgef10l
ENSMUSG00000071984	0.196264572	-2.349128325	6.80E-35	2.71E-33	4721.42062	3156.07725	4145.38641	880.2129449	659.7534685	820.8273433	Fndc1
ENSMUSG00000027533	0.246983303	-2.017514584	8.42E-35	3.35E-33	1034.48867	1195.51345	1119.9729	324.1254726	233.0047825	271.5672554	Fabp5
ENSMUSG00000034845	0.352376	-1.504812428	1.02E-34	4.04E-33	6223.03999	6693.70135	5601.1034	2398.321389	2071.438122	2057.173006	Plvap
ENSMUSG00000040811	3.042418009	1.605218384	1.06E-34	4.19E-33	597.784112	618.301557	489.368689	1669.297961	1747.10912	1781.522033	Eml2
ENSMUSG00000038305	2.679013243	1.421701713	1.25E-34	4.94E-33	469.815358	463.726168	429.901101	1267.506641	1248.666655	1140.378287	Spats2l
ENSMUSG00000026527	15.22860997	3.928712357	1.34E-34	5.28E-33	54.5880701	21.5231555	35.9283341	506.3813295	701.5748398	506.3810476	Rgs7
ENSMUSG00000047945	0.098810115	-3.33919745	1.42E-34	5.57E-33	803.607983	1274.7578	1572.17434	96.30565161	133.14559	130.67898	Marcksl1
ENSMUSG00000008855	2.294521911	1.198193584	1.68E-34	6.58E-33	1803.19609	1774.682	1647.74774	4141.143019	3751.12095	4105.157646	Hdac5
ENSMUSG00000002900	0.134430141	-2.895071447	1.74E-34	6.81E-33	3328.0825	2175.79535	2139.59424	432.8576599	300.4310749	295.0486346	Lamb1
ENSMUSG00000024781	0.371580493	-1.428253327	1.85E-34	7.22E-33	2342.81258	2220.79831	2073.93211	868.8219538	748.5171952	851.4552293	Lipa
ENSMUSG00000039323	0.142981579	-2.806098809	1.97E-34	7.66E-33	2296.27849	3397.72359	3035.32478	324.1254726	384.0738174	540.0717222	Igfbp2
ENSMUSG00000022463	2.540115447	1.344894069	2.10E-34	8.15E-33	884.147759	979.303574	1020.86025	2313.406728	2560.492116	2445.126228	Srebf2
ENSMUSG00000033849	0.178244836	-2.488067813	2.12E-34	8.20E-33	580.781271	452.96459	581.047886	109.7677319	97.2987004	80.65343299	B3galt2
ENSMUSG00000045555	7.352520297	2.878238862	2.53E-34	9.76E-33	68.0113661	51.8512382	40.8839664	432.8576599	407.1182464	354.2625474	Mettl24
ENSMUSG00000022817	2.641769004	1.401504323	2.69E-34	1.04E-32	4553.18198	3879.05961	4828.02476	11593.9578	11461.61621	11969.37783	Itgb5
ENSMUSG00000055691	22.0126481	4.460260806	3.05E-34	1.17E-32	10.7386367	9.78325249	4.95563229	196.7534818	196.3043956	184.7882452	Gja6
ENSMUSG00000036585	2.731923715	1.449917199	3.47E-34	1.33E-32	1382.59948	1233.66814	1132.36198	3470.110092	3213.417605	3567.127783	Fgf1
ENSMUSG00000044811	0.053591554	-4.221850537	3.78E-34	1.45E-32	322.159102	697.545902	541.402828	30.03079459	21.3374343	32.66974501	Cd300c2
ENSMUSG00000025154	0.193995949	-2.365901568	5.07E-34	1.94E-32	402.698878	452.96459	525.297023	88.02129449	97.2987004	81.67436252	Arhgap19
ENSMUSG00000028949	3.407228595	1.768598743	5.91E-34	2.26E-32	932.471624	1140.72724	823.873868	3383.124342	3197.201155	3298.623316	Smarcd3
ENSMUSG00000024691	0.264646094	-1.917863734	6.12E-34	2.33E-32	584.360816	648.62964	721.044498	181.2203122	161.3110033	174.5789499	Fam111a
ENSMUSG00000039646	3.111696926	1.637701551	6.35E-34	2.41E-32	1732.50006	1481.18443	1956.23585	5502.884222	5552.853902	5022.973295	Vasn
ENSMUSG00000032122	0.164410607	-2.604624715	6.64E-34	2.51E-32	319.474443	379.590196	365.477881	70.41703559	52.91683706	52.06740611	Slc37a2
ENSMUSG00000024300	0.108774063	-3.200593512	6.69E-34	2.53E-32	555.724452	918.647408	608.303864	88.02129449	60.59831341	78.61157393	Myo1f
ENSMUSG00000059279	136.3318441	7.090978773	7.04E-34	2.66E-32	2.68465919	1.9566505	2.47781615	284.7747763	342.2524462	344.0532521	Olfr224
ENSMUSG00000060924	0.136979616	-2.867966874	7.11E-34	2.68E-32	327.528421	361.002017	270.08196	44.52841956	38.40738174	49.00461751	Csmd1
ENSMUSG00000032690	0.068870442	-3.859971255	7.13E-34	2.68E-32	425.965924	940.170564	717.327774	48.67059813	40.96787385	54.10926517	Oas2
ENSMUSG00000052512	5.752185116	2.524110105	8.88E-34	3.33E-32	343.636376	437.311386	351.849893	1633.053899	2626.211414	2257.275194	Nav2
ENSMUSG00000036305	17.72878526	4.148021784	1.11E-33	4.14E-32	20.5823871	22.5014807	30.9727018	532.2699455	492.4679836	274.630044	Rpl39-ps
ENSMUSG00000029581	0.102083121	-3.292183756	1.32E-33	4.92E-32	1100.71027	1293.34598	2060.30412	167.7582318	116.92914	170.4952318	Fscn1
ENSMUSG00000025743	0.329977621	-1.599559908	1.42E-33	5.29E-32	3021.13647	3661.87141	3508.58766	1185.698614	1001.152417	1177.13175	Sdc3
ENSMUSG00000019843	0.348703964	-1.519925331	1.48E-33	5.50E-32	1325.32675	1222.90656	1262.44733	457.7107313	396.0227806	476.7740912	Fyn
ENSMUSG00000043259	4.486768684	2.165676808	2.01E-33	7.47E-32	443.863652	357.088716	293.621213	1605.094194	1801.732952	1516.080354	Fam13c
ENSMUSG00000015605	2.113475467	1.079617366	2.28E-33	8.45E-32	1344.11937	1426.39821	1320.67601	2909.880441	2797.764385	2942.31891	Srf
ENSMUSG00000027763	2.103299243	1.072654121	2.68E-33	9.88E-32	10192.756	10243.0654	9771.26797	20464.4332	20362.7403	22711.59836	Mbnl1
ENSMUSG00000032380	4.054684702	2.019589733	2.90E-33	1.07E-31	138.707391	188.816773	168.491498	637.8954989	661.4604633	708.5250949	Dapk2
ENSMUSG00000001348	0.180219276	-2.472174764	2.91E-33	1.07E-31	1821.09381	1217.03661	1734.4713	333.4453744	246.6607405	280.7556212	Acp5
ENSMUSG00000066361	0.117568944	-3.088421073	3.03E-33	1.11E-31	476.974449	315.999055	444.767998	56.95495526	47.79585283	40.83718126	Serpina3c

ENSMUSG00000026482	0.30654847	-1.705812893	3.07E-33	1.12E-31	1194.67334	1077.1361	1277.31422	405.9334993	335.4244672	347.1160407	Rgl1
ENSMUSG00000012519	0.192043949	-2.380491586	3.55E-33	1.30E-31	348.110808	422.636507	369.194606	82.84357128	69.9867845	66.36041955	Mlkl
ENSMUSG00000042613	3.123631041	1.643224054	4.00E-33	1.46E-31	5916.09396	7339.39602	7998.39052	21228.66514	22430.76443	22718.74487	Pbxip1
ENSMUSG00000028436	4.139568181	2.049480281	4.04E-33	1.47E-31	1087.28697	1249.32134	1355.36543	4566.751867	4503.052135	6207.251552	Dcaf12
ENSMUSG00000029658	14.27690642	3.835611499	4.07E-33	1.48E-31	12.5284095	33.2630585	24.7781615	296.1657673	352.4944146	350.1788293	Wdr95
ENSMUSG00000038178	0.269714344	-1.890495846	4.25E-33	1.54E-31	654.161955	788.53015	732.194671	204.0022943	174.1134639	209.290554	Slc43a2
ENSMUSG00000026305	2.843995196	1.507919028	4.28E-33	1.55E-31	2896.74726	3658.93643	3140.63196	9121.077198	9786.200867	8667.691723	Lrrfip1
ENSMUSG00000013584	0.070706115	-3.822021202	4.49E-33	1.62E-31	307.84092	444.159663	338.221904	36.24406244	25.60492116	15.31394297	Aldh1a2
ENSMUSG00000015950	0.10445888	-3.258992955	4.92E-33	1.77E-31	640.738659	1259.1046	939.092319	100.4478302	110.9546584	84.73715112	Ncf1
ENSMUSG00000026888	3.383589338	1.758554481	5.98E-33	2.14E-31	284.573874	279.801021	322.116099	891.6039359	1101.865107	999.4900114	Grb14
ENSMUSG00000021262	0.285557644	-1.808146093	6.07E-33	2.17E-31	599.573885	681.892698	716.088866	185.3624907	203.1323745	180.7045271	Evl
ENSMUSG00000023972	0.136108777	-2.877167994	6.08E-33	2.17E-31	332.897739	261.212841	354.327709	38.31515172	42.6748686	47.98368798	Ptk7
ENSMUSG00000025372	0.230553288	-2.116827855	6.10E-33	2.18E-31	1200.04266	1048.76467	1193.06847	324.1254726	248.3677352	221.5417083	Baiap2
ENSMUSG00000024247	3.0669648	1.616811609	6.89E-33	2.45E-31	1055.07106	1391.1785	1300.85348	3914.358743	3664.917715	3908.118247	Pkdcc
ENSMUSG00000033066	0.251954038	-1.988767514	7.17E-33	2.55E-31	1741.44893	1930.23572	2252.33488	581.9760883	440.4046439	470.648514	Gas7
ENSMUSG00000033544	0.064903183	-3.945566963	1.13E-32	3.99E-31	1439.87221	575.255246	1225.28008	76.63030344	61.45181078	72.48599674	Angptl1
ENSMUSG00000022096	2.384050253	1.253414647	1.15E-32	4.05E-31	1011.22163	966.585346	987.409734	2198.461273	2333.461815	2538.030815	Hr
ENSMUSG00000078716	2.988411122	1.579378636	1.28E-32	4.53E-31	226.406258	203.491652	230.436902	664.8196595	662.3139606	644.2065344	Tmem8b
ENSMUSG00000001630	2.580088903	1.367420778	1.34E-32	4.71E-31	1591.10801	1336.39229	1361.55997	3592.30436	3885.973535	3592.651021	Stk38l
ENSMUSG00000016494	0.391298731	-1.353657662	1.58E-32	5.54E-31	7598.48038	7102.64131	6851.16164	3121.131548	2588.657529	2725.881849	Cd34
ENSMUSG00000031885	0.38686328	-1.370104296	1.65E-32	5.80E-31	1480.1421	1738.48397	1557.30745	606.8291596	623.9065789	616.641437	Cbfb
ENSMUSG00000050379	2.845350095	1.508606174	2.11E-32	7.39E-31	544.985815	466.661144	489.368689	1314.106149	1519.225322	1439.510639	6-Sep
ENSMUSG00000020901	0.182693039	-2.452506428	2.45E-32	8.54E-31	399.119332	560.580367	507.95231	84.91466056	86.20323457	96.98830549	Pik3r5
ENSMUSG00000020577	0.359144816	-1.477362403	2.56E-32	8.93E-31	1162.45743	1224.86321	1132.36198	467.0306331	401.9972622	396.1206582	Tspan13
ENSMUSG00000047592	0.052736028	-4.245067265	2.62E-32	9.12E-31	187.031257	215.231555	267.604144	8.284357128	16.21645007	10.20929532	Nxpe5
ENSMUSG00000038025	2.165513466	1.114709144	3.09E-32	1.07E-30	1208.99152	1143.66222	1199.26301	2636.496656	2625.357916	2428.791356	Phf2
ENSMUSG00000004698	4.510638744	2.173331746	3.19E-32	1.10E-30	240.72444	208.383278	184.597303	907.1371055	1122.349044	835.1203568	Hdac9
ENSMUSG00000045763	0.060864423	-4.038257003	3.29E-32	1.14E-30	578.096611	861.904544	1360.32106	74.55921415	52.06333969	43.89996986	Basp1
ENSMUSG00000006389	95.39593597	6.575855901	3.33E-32	1.15E-30	3.57954558	5.86995149	4.95563229	421.4666689	234.7117773	709.5460244	Mpl
ENSMUSG00000052560	0.253117282	-1.982122081	3.89E-32	1.34E-30	684.588092	663.304519	724.761222	192.6113032	143.3875585	189.8928929	Cpne8
ENSMUSG00000018339	0.231636147	-2.110067689	4.01E-32	1.38E-30	6510.29853	8004.65718	9540.83107	2146.684041	1774.421036	1650.843052	Gpx3
ENSMUSG00000018143	2.047455733	1.033832261	4.89E-32	1.68E-30	1072.96879	1077.1361	1077.85002	2178.785925	2155.080864	2275.651926	Mafk
ENSMUSG00000039252	0.266123553	-1.909831895	5.34E-32	1.83E-30	1764.71597	1689.5677	1879.42355	572.6561865	402.8507596	445.1252757	Lgi2
ENSMUSG00000045838	2.221282336	1.151392778	5.52E-32	1.88E-30	1507.88358	1314.86913	1395.01049	3114.91828	3088.806989	3167.944336	A430105I19Rik
ENSMUSG00000024526	11.93551445	3.577188847	5.58E-32	1.90E-30	102.017049	40.1113352	83.0068409	919.5636412	763.0266505	1005.615589	Cidea
ENSMUSG00000064080	0.293935406	-1.766428945	6.18E-32	2.10E-30	8360.02871	7463.64332	6376.65985	2472.880603	2002.304835	2052.068358	Fbln2
ENSMUSG00000024371	0.182268912	-2.455859583	8.33E-32	2.83E-30	1647.48585	1347.15387	1366.5156	321.0188387	193.7439034	281.7765507	C2
ENSMUSG00000023993	25.1797449	4.654191762	8.68E-32	2.94E-30	10.7386367	6.84827674	16.1058049	299.2724013	195.4508982	336.9067454	Treml1
ENSMUSG00000027318	3.147472196	1.654193634	9.10E-32	3.07E-30	1065.8097	963.65037	1289.7033	3276.463244	3646.99427	3513.018518	Adam33
ENSMUSG00000034947	0.195771832	-2.352754895	9.23E-32	3.11E-30	641.633546	887.341001	913.07525	154.2961515	144.2410559	179.6835975	Tmem106a
ENSMUSG00000022548	0.188548665	-2.406991159	9.31E-32	3.13E-30	2193.36656	2160.14215	1734.4713	438.0353832	280.8006354	430.8322623	Apod
ENSMUSG00000069793	0.085967045	-3.54007248	1.00E-31	3.37E-30	272.045464	378.611871	426.184377	31.06633923	22.19093167	39.81625173	Slfn9
ENSMUSG00000026469	3.422719818	1.775143199	1.10E-31	3.69E-30	1147.24436	959.737069	843.696397	3044.501245	3582.981968	3481.369703	Xpr1
ENSMUSG00000035697	0.27029011	-1.887419371	1.35E-31	4.51E-30	1082.81254	1495.85931	1248.81934	343.8008208	334.5709698	356.3044065	Arhgap45
ENSMUSG00000078810	212.9337417	7.734260769	1.45E-31	4.84E-30	0	4.89162624	2.47781615	508.4524187	297.0170854	723.8390379	Gp6
ENSMUSG00000031827	0.131965592	-2.921766282	1.75E-31	5.84E-30	1172.30118	2150.3589	2228.79562	247.4951692	233.8582799	251.1486648	Cotl1
ENSMUSG00000047139	9.560132763	3.257030653	2.54E-31	8.46E-30	638.054	1233.66814	728.477947	8292.641485	10432.29838	6135.786484	Cd24a
ENSMUSG00000020676	0.235657707	-2.085235233	2.82E-31	9.38E-30	711.434684	863.861195	847.413122	223.6776425	161.3110033	186.8301043	Ccl11
ENSMUSG00000034255	0.216795084	-2.205596053	4.23E-31	1.40E-29	481.448881	474.487746	431.140009	99.41228554	117.7826373	82.69529205	Arhgap27
ENSMUSG00000038893	3.517340303	1.814484923	4.59E-31	1.52E-29	441.178993	358.067041	335.744088	1336.888132	1214.52676	1449.719935	Fam117a
ENSMUSG00000020646	8.806566869	3.138579712	5.54E-31	1.83E-29	74.2755708	53.8078887	49.5563229	666.8907488	406.2647491	501.2764	Mboat2
ENSMUSG00000024030	0.155448203	-2.685494159	5.84E-31	1.93E-29	630.000022	831.576461	693.788521	138.7629819	81.08225034	116.3859666	Abcg1
ENSMUSG00000021196	2.672402841	1.418137498	6.80E-31	2.24E-29	1975.01427	1619.12829	1575.89107	4559.503054	4641.318709	4623.789848	Pfkp
ENSMUSG00000036002	2.248735139	1.169113748	7.00E-31	2.30E-29	871.619349	864.83952	854.84657	1847.41164	1907.566626	2073.507879	Fam214b
ENSMUSG00000057337	4.476903793	2.162501316	7.12E-31	2.33E-29	392.855128	290.562599	262.648511	1516.037354	1473.136464	1256.764253	Chst3
ENSMUSG00000005413	0.106500682	-3.23106542	7.75E-31	2.53E-29	725.752867	1220.94991	1563.50199	114.9454552	128.8781032	129.6580505	Hmox1
ENSMUSG00000037855	3.128230259	1.645346709	8.17E-31	2.67E-29	176.29262	174.141894	162.296958	535.3765794	557.3337839	513.5275544	Zfp365
ENSMUSG00000043832	0.115605175	-3.112722109	9.68E-31	3.15E-29	402.698878	514.599081	325.832823	39.35069636	58.89131867	44.92089939	Clec4a3
ENSMUSG00000026854	2.532568275	1.340601163	1.19E-30	3.86E-29	506.5057	516.555731	564.942081	1271.648819	1316.946445	1428.280415	Usp20
ENSMUSG00000055172	0.328978068	-1.603936689	1.24E-30	4.03E-29	3516.00865	3094.44276	3297.97329	1221.942676	926.898146	1112.813189	C1ra
ENSMUSG00000029516	0.253144136	-1.981969032	1.35E-30	4.38E-29	389.275582	362.958667	364.238973	85.9502052	95.59170566	101.0720236	Cit
ENSMUSG00000001435	2.889329693	1.530734835	2.01E-30	6.51E-29	13083.2391	11030.6172	9739.05636	33724.58232	32147.83201	31951.01062	Col18a1
ENSMUSG00000058013	0.397775225	-1.329974672	2.06E-30	6.64E-29	2264.06258	2376.35203	2646.30764	940.274534	923.4841565	1034.201615	11-Sep
ENSMUSG00000079243	3.744808945	1.904892116	2.10E-30	6.77E-29	651.477296	969.520321	817.679328	3217.4372	2889.088604	3022.972343	Xirp1
ENSMUSG00000056214	0.336137944	-1.572874687	2.11E-30	6.79E-29	608.522749	571.341945	569.897713	207.1089282	186.9159245	194.9975405	Pard6g
ENSMUSG00000028479	2.541468594	1.345662403	2.58E-30	8.26E-29	607.627862	511.664105	537.686104	1407.305167	1433.022088	1374.171149	Gne
ENSMUSG00000097252	14.04228667	3.81170598	2.61E-30	8.37E-29	52.7982973	38.1546847	70.6177601	669.9973827	513.8054179	1072.996938	Gm6634
ENSMUSG00000047953	35.3560073	5.143883458	2.63E-30	8.42E-29	7.15909116	7.82660199	8.67235651	304.4501245	168.9924796	358.3462656	Gp5
ENSMUSG00000061718	25.14724281	4.652328324	2.68E-30	8.53E-29	7.15909116	7.82660199	6.19454036	167.7582318	209.9603535	158.2440774	Ppp1r1b
ENSMUSG00000062980	4.373322662	2.128729794	2.95E-30	9.40E-29	3524.95751	2550.49392	2186.67275	12127.26329	12686.38494	11332.3178	Cped1
ENSMUSG00000012428	0.188320396	-2.408738835	3.29E-30	1.05E-28	4580.92346	3020.09004	3994.23963	871.9285877	577.8177208	735.0692627	Steap4
ENSMUSG00000041741	2.655946137	1.409225889	3.40E-30	1.08E-28	2858.26715	2283.41113	2448.08235	6373.777265	7107.926114	6679.941925	Pde3a
ENSMUSG00000033191	0.398643787	-1.32682791	3.55E-30	1.12E-28	4167.48594	4201.90694	3646.10646	1691.044399	1462.894496	1638.591898	Tie1
ENSMUSG00000030077	0.141732436	-2.818758131	4.45E-30	1.41E-28	340.05683	325.782308	240.348166	40.386241	45.23536071	42.87904032	Chl1
ENSMUSG00000066705	0.236622016	-2.079343783	5.09E-30	1.61E-28	2125.35519	2327.43577	3167.88794	634.7888649	544.5313233	623.7879438	Fxyd6
ENSMUSG00000069516	0.194484072	-2.362276093	5.16E-30	1.62E-28	17283.8358	27326.5808	21055.2427	4940.583482	3425.084954	4406.331858	Lyz2
ENSMUSG00000032224	3.802591764	1.926983063	5.89E-30	1.85E-28	212.982962	213.274904	251.498339	865.7153199	969.5730146	735.0692627	Fam81a
ENSMUSG00000056602	2.620513417	1.389849496	6.12E-30	1.92E-28	1783.50859	1467.48787	1433.41664	4027.233109	4191.525594	4064.320465	Fry
ENSMUSG00000034116	0.081047004	-3.625097326	8.84E-30	2.77E-28	323.948875	654.499591	532.730471	49.70614277	40.11437648	32.66974501	Vav1
ENSMUSG00000007207	3.510313801	1.811600005	1.24E-29	3.88E-28	323.948875	240.668011	260.170695	898.8527484	998.5919252	1002.5528	Stx1a
ENSMUSG00000056529	0.106908098	-3.22555696	1.48E-29	4.63E-28	400.014219	656.456242	540.16392	76.63030344	49.50284757	44.92089939	Ptafr
ENSMUSG00000029664	0.126971083	-2.977428122	1.64E-29	5.10E-28	222.826712	183.925147	206.897648	27.95970531	26.45841853	23.48137923	Tfpi2
ENSMUSG00000032193	2.438028981	1.285715275	1.76E-29	5.45E-28	562.883543	577.211897	514.14685	1337.923676	1418.512632	1280.245633	Ldlr
ENSMUSG00000028465	2.45739709	1.297131001	1.82E-29	5.64E-28	8061.13665	7262.10832	6453.47215	18129.28003	17155.29718	18239.92701	Tln1
ENSMUSG00000054404	0.196202653	-2.349583548	1.82E-29	5.64E-28	6312.52863	9117.01299	11057.2545	1869.158077	1754.790597	1572.231479	Slfn5
ENSMUSG00000022122	0.243961818	-2.035272724	1.86E-29	5.75E-28	608.522749	455.899566	531.491563	130.4786248	132.2920927	126.5952619	Ednrb
ENSMUSG00000042286	0.288677784	-1.792468009	1.87E-29	5.75E-28	6808.2957	5739.83423	5327.30471	1954.072738	1454.359522	1753.956935	Stab1
ENSMUSG00000006651	3.486243398	1.801673297	1.92E-29	5.91E-28	144.971596	120.334006	146.191153	487.7415259	463.449073	481.8787389	Aplp1
ENSMUSG00000057967	0.114083926	-3.131832561	1.98E-29	6.08E-28	206.718757	180.011846	204.419832	26.92416067	22.19093167	18.37673157	Fgf18
ENSMUSG00000032387	2.914722405	1.543358489	2.66E-29	8.15E-28	972.741512	1007.67501	1266.16405	3179.122048	3009.431734	3263.911712	Rbpms2
ENSMUSG00000044350	0.081907507	-3.609860503	2.96E-29	9.06E-28	361.534104	398.178376	245.303798	38.31515172	23.04442904	21.43952016	Lacc1
ENSMUSG00000040859	2.639586376	1.400311877	3.26E-29	9.95E-28	694.431843	708.30748	753.256108	1730.395095	1846.114816	2111.282271	Bsdc1
ENSMUSG00000032038	0.423546987	-1.239406068	3.28E-29	1.00E-27	1194.67334	1173.9903	1247.58043	494.9903384	491.6144863	545.1763698	St3gal4

ENSMUSG00000041378	0.357927236	-1.482261766	3.46E-29	1.05E-27	2618.43759	2935.95407	3290.53984	983.767409	1044.680783	1136.294569	Cldn5
ENSMUSG00000037712	2.076978837	1.054486516	3.53E-29	1.07E-27	3637.7132	3519.03592	3203.81628	7049.987916	7434.815607	7040.330049	Fermt2
ENSMUSG00000078771	0.090544368	-3.465231276	3.64E-29	1.10E-27	437.599447	726.89566	683.877256	77.66584808	52.06333969	37.77439267	Evi2a
ENSMUSG00000035373	0.029933333	-5.062103255	3.99E-29	1.21E-27	309.630693	728.85231	1195.54629	25.88861603	19.63043956	21.43952016	Ccl7
ENSMUSG00000006576	2.493294533	1.318053318	4.29E-29	1.30E-27	1530.25574	1593.69183	1780.3109	4228.128769	3703.325097	4290.966821	Slc4a3
ENSMUSG00000073599	0.380673578	-1.393373656	5.09E-29	1.54E-27	1014.80117	1160.29374	1049.35514	432.8576599	408.8252412	385.9113629	Ecscr
ENSMUSG00000020218	22.26422293	4.476655354	5.15E-29	1.55E-27	10.7386367	9.78325249	34.689426	355.1918119	427.6021834	405.309024	Wif1
ENSMUSG00000046598	2.583408858	1.369275987	5.35E-29	1.61E-27	347.215921	357.088716	324.593915	941.3100787	856.9113615	863.7063837	Bdh1
ENSMUSG00000002985	0.176918822	-2.49884055	5.60E-29	1.68E-27	39033.1548	36377.0677	46462.7694	8220.15336	4843.597586	8499.23835	Apoe
ENSMUSG00000054196	0.043077203	-4.536931609	5.67E-29	1.70E-27	910.994351	531.23061	1766.68291	56.95495526	43.52836597	37.77439267	Cthrc1
ENSMUSG00000025044	0.091523781	-3.44970954	5.72E-29	1.71E-27	264.886373	446.116313	411.31748	28.99524995	29.01891065	44.92089939	Msr1
ENSMUSG00000045392	5.374397343	2.426102987	7.25E-29	2.17E-27	750.809686	559.602042	732.194671	4493.228197	3799.7703	2683.002809	Olfr1033
ENSMUSG00000031722	0.114459378	-3.127092417	7.78E-29	2.32E-27	10905.0856	5338.72088	10950.7085	1210.551685	813.3829955	1089.33181	Hp
ENSMUSG00000046470	0.309302476	-1.692909712	7.96E-29	2.37E-27	1260.00004	1566.29872	1556.06854	503.2746955	439.5511466	412.4555307	Sox18
ENSMUSG00000037902	0.163224972	-2.615066305	8.78E-29	2.61E-27	2600.53987	4269.41139	5082.00091	650.3220346	642.6835211	657.4786183	Sirpa
ENSMUSG00000024451	0.326920989	-1.612986092	9.06E-29	2.69E-27	1799.61654	1647.49972	1433.41664	586.1182668	526.6078785	483.9205979	Arap3
ENSMUSG00000024397	0.041462092	-4.592063281	9.19E-29	2.72E-27	330.21308	887.341001	865.996743	18.63980354	36.70038699	30.62788595	Aif1
ENSMUSG00000028005	4.728277361	2.241314667	1.08E-28	3.21E-27	1278.79266	914.734107	748.300476	4478.730572	4997.227113	4447.169039	Gucy1b1
ENSMUSG00000037887	3.21019327	1.682660158	1.14E-28	3.35E-27	514.559677	544.927163	641.754382	1773.88797	1627.619488	2053.089288	Dusp8
ENSMUSG00000033427	11.70619976	3.549200898	1.16E-28	3.41E-27	17.8977279	33.2630585	26.0170695	236.1041782	291.8961012	371.6183495	Upb1
ENSMUSG00000074039	4.827804081	2.271367131	1.19E-28	3.51E-27	123.494323	91.9625734	80.5290247	468.0661777	459.1815861	511.4856953	4930520O04Rik
ENSMUSG00000052632	3.741999544	1.903809383	1.27E-28	3.74E-27	820.610825	659.391218	553.791908	2299.944648	2685.102732	2636.04005	Asap2
ENSMUSG00000036353	11.72810679	3.55189824	1.32E-28	3.88E-27	105.596595	129.138933	97.8737377	996.1939447	897.0257379	2012.252107	P2ry12
ENSMUSG00000049493	68.94768569	6.107430222	1.38E-28	4.04E-27	4.47443198	4.89162624	1.23890807	280.6325977	166.4319875	317.5090843	Pls1
ENSMUSG00000074766	0.252083348	-1.988027274	1.38E-28	4.04E-27	638.948886	573.298596	635.559841	188.4691247	138.2665743	139.8673458	Ism1
ENSMUSG00000038227	0.350278955	-1.513423784	1.46E-28	4.27E-27	836.71878	805.16168	795.378983	306.5212137	251.7817247	297.0904937	Hoxa9
ENSMUSG00000002111	0.139748688	-2.839093356	1.48E-28	4.30E-27	544.090928	981.260224	865.996743	126.3364462	99.85919252	108.2185303	Spi1
ENSMUSG00000036594	0.096534678	-3.372808892	1.55E-28	4.52E-27	7502.72754	15723.6434	10477.4456	1095.60623	1426.194109	730.9855446	H2-Aa
ENSMUSG00000021904	0.381567319	-1.389990485	1.57E-28	4.56E-27	1960.69609	2065.2446	1759.24946	792.1916504	744.2497084	671.7716317	Sema3g
ENSMUSG00000031342	0.224675066	-2.154088069	1.71E-28	4.94E-27	1431.81823	1207.25336	1663.85354	381.0804279	262.8771906	323.6346615	Gpm6b
ENSMUSG00000022283	3.198655638	1.677465683	1.85E-28	5.35E-27	9009.71623	10651.027	12906.9443	33146.74841	34571.76455	36442.07963	Pabpc1
ENSMUSG00000030214	0.125735286	-2.991538513	1.86E-28	5.37E-27	638.948886	1094.74595	646.710014	111.8388212	81.93574771	106.1766713	Plbd1
ENSMUSG00000008136	0.333260346	-1.58527843	2.37E-28	6.80E-27	836.71878	786.5735	879.624732	306.5212137	245.8072431	282.7974802	Fhl2
ENSMUSG00000031870	16.30057417	4.026850877	2.40E-28	6.88E-27	12.5284095	29.3497575	28.4948857	357.2629012	495.0284757	280.7556212	Pgr
ENSMUSG00000034957	0.238766117	-2.066329973	2.49E-28	7.12E-27	3039.92909	2316.67419	3068.7753	796.3338289	548.7988102	667.6879136	Cebpa
ENSMUSG00000037921	0.131787485	-2.923714723	2.57E-28	7.35E-27	318.579557	448.072964	325.832823	40.386241	42.6748686	61.25577189	Ddx60
ENSMUSG00000023022	0.42399504	-1.237880706	2.74E-28	7.84E-27	4029.67344	3661.87141	3585.39996	1728.324006	1473.989961	1581.419844	Lima1
ENSMUSG00000035274	0.121189193	-3.044667048	3.71E-28	1.06E-26	189.715916	198.600025	242.825982	24.85307138	22.19093167	29.60695641	Tpbg
ENSMUSG00000031129	0.210990504	-2.244750029	3.78E-28	1.07E-26	320.36933	303.280827	387.778227	70.41703559	68.27978976	74.5278558	Slc9a9
ENSMUSG00000022661	2.594100944	1.37523462	3.91E-28	1.11E-26	3413.09671	3270.54131	2767.72063	7587.435585	8796.997413	8140.892084	Cd200
ENSMUSG00000027559	0.154875419	-2.690819907	3.94E-28	1.12E-26	39495.8111	26918.6192	34460.228	7191.857532	4000.342182	4431.855096	Car3
ENSMUSG00000032816	0.262720338	-1.928400205	4.47E-28	1.26E-26	440.284107	418.723206	416.273112	113.9099105	125.4641137	94.94644643	Igdcc4
ENSMUSG00000031740	0.136766962	-2.870208328	4.82E-28	1.36E-26	19264.2194	9795.97071	13640.3779	2278.19821	1473.989961	2088.821822	Mmp2
ENSMUSG00000028883	3.770257298	1.914662982	5.04E-28	1.42E-26	136.022732	154.575389	133.802072	573.6917311	565.0152602	462.4810778	Sema3a
ENSMUSG00000035208	0.144393719	-2.791920107	5.05E-28	1.42E-26	440.284107	631.998111	621.931852	57.9904999	93.03121354	92.90458737	Slfn8
ENSMUSG00000006344	0.154292741	-2.696257907	7.17E-28	2.01E-26	633.579568	754.288767	1043.1606	144.9762497	99.85919252	130.67898	Ggt5
ENSMUSG00000037336	9.727667266	3.282093882	8.02E-28	2.25E-26	40.2698878	53.8078887	54.5119552	468.0661777	333.7174724	639.1018867	Mfsd2b
ENSMUSG00000002020	0.282663711	-1.822841414	8.62E-28	2.41E-26	5337.10246	4225.38675	3693.18496	1374.167739	1189.775337	1184.278257	Ltbp2
ENSMUSG00000058794	10.67537897	3.41621538	1.07E-27	2.99E-26	23.2670463	41.0896604	24.7781615	328.2676512	245.8072431	380.8067153	Nfe2
ENSMUSG00000001493	0.183796482	-2.443818944	1.12E-27	3.11E-26	361.534104	359.045366	491.846505	82.84357128	66.57279501	73.50692627	Meox1
ENSMUSG00000030786	0.065869665	-3.924241985	1.13E-27	3.14E-26	446.548311	1171.05532	944.047951	65.23931238	61.45181078	41.85811079	Itgam
ENSMUSG00000053063	0.081667534	-3.614093525	1.21E-27	3.37E-26	426.860811	903.97253	678.921624	72.48812487	40.11437648	52.06740611	Clec12a
ENSMUSG00000003644	0.212779485	-2.232569033	1.27E-27	3.52E-26	365.113649	454.921241	423.706561	104.5900087	75.96126611	84.73715112	Rps6ka1
ENSMUSG00000004085	2.017045367	1.012243533	1.29E-27	3.57E-26	2575.48305	2804.85849	2585.60115	5457.320258	5535.783955	5075.040701	Map3k20
ENSMUSG00000025477	2.691486632	1.42840326	1.31E-27	3.62E-26	2011.70462	2244.27812	2654.98	5984.41248	6308.199076	6297.09335	Inpp5a
ENSMUSG00000060477	2.476952719	1.30856633	1.32E-27	3.66E-26	652.372182	781.681874	765.645189	1776.994604	1769.300052	1897.907999	Irak2
ENSMUSG00000024206	3.110527579	1.637159298	1.40E-27	3.86E-26	257.727282	229.906433	299.815754	776.6584808	806.5550165	859.6226655	Rfx2
ENSMUSG00000028373	6.070328115	2.6017745	1.46E-27	4.03E-26	112.755686	60.6561654	84.2457489	541.5898473	538.5568417	488.0043161	Astn2
ENSMUSG00000019929	0.23480455	-2.090467729	1.57E-27	4.33E-26	58981.9623	51157.6056	74574.8325	16573.89198	11567.44988	15231.24768	Dcn
ENSMUSG00000019942	0.118461089	-3.077514843	1.62E-27	4.44E-26	186.13637	251.429589	246.542706	32.10188387	26.45841853	22.46044969	Cdk1
ENSMUSG00000051439	0.118827883	-3.073054686	1.62E-27	4.44E-26	485.028426	838.424738	593.436967	93.19901769	79.37525559	55.1301947	Cd14
ENSMUSG00000039062	0.274411673	-1.865586245	1.66E-27	4.53E-26	2935.22738	2596.47521	2419.58747	839.8267039	579.5247156	764.6762191	Anpep
ENSMUSG00000032011	0.196801073	-2.345190006	1.66E-27	4.55E-26	2864.53135	2959.43388	4157.77549	805.6537307	522.3403916	637.0600277	Thy1
ENSMUSG00000024885	0.204779578	-2.28785625	1.69E-27	4.60E-26	315.000011	403.070002	408.839664	67.31040167	80.22875297	82.69529205	Aldh3b1
ENSMUSG00000089809	0.12329878	-3.019769568	1.76E-27	4.79E-26	201.349439	245.559637	261.409603	37.27960708	23.89792642	26.54416782	Rasgef1b
ENSMUSG00000040950	0.16572082	-2.593173227	1.78E-27	4.84E-26	664.005705	717.112407	444.767998	95.27010697	115.2221452	91.88365784	Mgl2
ENSMUSG00000021091	0.102645397	-3.284259159	1.86E-27	5.03E-26	4529.02005	3101.29104	2740.46466	401.7913207	206.546364	457.3764301	Serpina3n
ENSMUSG00000062209	12.50770034	3.644744656	2.40E-27	6.49E-26	9.84375035	14.6748787	16.1058049	152.2250622	183.501935	164.3696546	Erbb4
ENSMUSG00000023169	3.900174842	1.963538801	2.62E-27	7.07E-26	195.980121	245.559637	199.4642	713.4902577	956.770554	830.0157091	Slc38a1
ENSMUSG00000024818	0.250278633	-1.998392964	2.70E-27	7.29E-26	332.897739	375.676895	350.610985	94.23456233	77.66826085	93.9255169	Slc25a45
ENSMUSG00000027199	0.185803119	-2.428153374	2.74E-27	7.38E-26	407.17331	580.146872	550.075184	104.5900087	78.52175822	103.1138827	Gatm
ENSMUSG00000035279	0.158678979	-2.655817073	3.02E-27	8.13E-26	1278.79266	854.077942	1562.26308	222.6420978	168.9924796	194.9975405	Ssc5d
ENSMUSG00000040829	0.128531855	-2.959802139	3.18E-27	8.56E-26	312.315352	391.330099	249.020523	36.24406244	37.55388437	49.00461751	Zmynd15
ENSMUSG00000020121	0.088089185	-3.504891283	3.51E-27	9.43E-26	275.62501	218.16653	315.921559	33.13742851	15.3629527	23.48137923	Srgap1
ENSMUSG00000015968	3.786202288	1.920751493	3.83E-27	1.03E-25	91.2784123	107.615777	92.9181054	358.2984458	393.4622885	353.2416179	Cacna1d
ENSMUSG00000020838	11.77487587	3.557639946	4.14E-27	1.11E-25	29.531251	19.566505	26.0170695	270.2771513	223.6163115	392.0369401	Slc6a4
ENSMUSG00000037628	7.871315785	2.97660482	4.84E-27	1.29E-25	30.4261374	35.219709	35.9283341	330.3387405	243.246751	223.5835674	Cdkn3
ENSMUSG00000038112	0.073255158	-3.770925854	5.37E-27	1.43E-25	272.940351	171.206919	297.337937	17.6042589	14.50945532	22.46044969	AW551984
ENSMUSG00000078139	60.79351967	5.925845642	5.37E-27	1.43E-25	1.78977279	5.86995149	1.23890807	164.6515979	205.6928666	184.7882452	AK157302
ENSMUSG00000072589	91.15326125	6.510222368	5.83E-27	1.55E-25	0.8948864	0.97832525	6.19454036	221.6065532	188.6229192	248.0858762	Gm10371
ENSMUSG00000039153	0.144043992	-2.795418608	5.99E-27	1.59E-25	272.940351	256.321215	281.232132	38.31515172	28.16541327	51.04647658	Runx2
ENSMUSG00000079037	0.389083054	-1.361849948	6.04E-27	1.60E-25	4265.92345	3539.58075	4347.32843	1670.333506	1473.136464	1585.503562	Prnp
ENSMUSG00000042734	0.112137968	-3.156653258	6.11E-27	1.62E-25	276.519896	307.194128	329.549547	48.67059813	32.43290013	21.43952016	Ttc9
ENSMUSG00000059288	3.068303562	1.617441223	8.79E-27	2.32E-25	320.36933	293.497575	376.628054	1106.997221	965.3055277	960.6946892	Cdyl
ENSMUSG00000000386	0.028465812	-5.134625953	9.87E-27	2.60E-25	175.397733	504.815828	454.679263	7.248812487	14.50945532	10.20929532	Mx1
ENSMUSG00000090841	2.781809019	1.476023377	1.28E-26	3.37E-25	20177.8984	23788.9567	27750.3019	65118.15366	66086.30151	68287.9345	Myl6
ENSMUSG00000048865	0.15570592	-2.683104297	1.45E-26	3.82E-25	614.786954	974.411948	769.361913	113.9099105	155.3365217	96.98830549	Arhgap30
ENSMUSG00000079018	0.315749385	-1.66314817	1.78E-26	4.66E-25	3135.68193	3984.71874	2967.18483	1093.535141	1136.858499	954.569112	Ly6c1
ENSMUSG00000027995	0.263121131	-1.92620098	1.81E-26	4.74E-25	499.346609	620.258208	506.713402	136.6918926	130.5850979	161.306866	Tlr2
ENSMUSG00000033777	0.141243169	-2.823746999	2.14E-26	5.60E-25	270.255691	392.308425	327.071731	59.02604454	38.40738174	42.87904032	Tlr13
ENSMUSG00000034429	3.453710604	1.788147201	2.58E-26	6.74E-25	306.946034	289.584274	408.839664	1105.961677	1124.056039	1232.261945	Zfp707
ENSMUSG00000026579	28.93966491	4.854976312	2.67E-26	6.95E-25	54.5880701	40.1113352	37.1672422	1347.243578	449.793115	2030.628838	F5
ENSMUSG00000096370	5.030522424	2.330708233	2.69E-26	7.00E-25	51.9034109	46.9596119	53.2730471	252.6728924	279.0936406	231.7510037	Gm21992

ENSMUSG00000027495	2.778802321	1.474463207	2.85E-26	7.39E-25	321.264216	319.912356	315.921559	804.6181861	865.4463352	990.3016456	Fam210b
ENSMUSG00000067586	2.02567533	1.018402961	2.87E-26	7.45E-25	1645.69608	1743.37559	1665.09245	3647.188226	3309.862808	3282.288444	S1pr3
ENSMUSG00000022037	2.734688445	1.451376481	3.29E-26	8.51E-25	6052.11669	5319.15438	4427.85745	14316.40466	14187.68681	14712.61548	Clu
ENSMUSG00000071715	0.134187955	-2.897672917	3.33E-26	8.62E-25	238.039781	384.481823	327.071731	40.386241	47.79585283	38.7953222	Ncf4
ENSMUSG00000065445	4.51049722	2.173286479	3.86E-26	9.97E-25	115.440345	93.9192239	76.8123005	450.4619188	456.621094	392.0369401	Mir143
ENSMUSG00000041390	0.334428692	-1.580229468	3.89E-26	1.00E-24	1335.1705	1538.90562	1793.93889	512.5945973	503.5634495	544.1554403	Mdfic
ENSMUSG00000021423	0.0750539	-3.735929143	4.15E-26	1.07E-24	549.460247	1233.66814	1169.52922	82.84357128	91.3242188	46.96275845	Ly86
ENSMUSG00000040966	9.470626882	3.243459924	4.53E-26	1.16E-24	16.1079551	16.6315292	18.5836211	177.0781336	148.5085427	158.2440774	Slc22a2
ENSMUSG00000021838	2.653780795	1.408049207	4.54E-26	1.16E-24	1308.32391	1501.72926	1657.659	4155.640644	4103.615364	3588.567303	Samd4
ENSMUSG00000057880	3.498798302	1.806859499	4.78E-26	1.22E-24	445.653425	320.890682	343.177536	1210.551685	1242.692174	1435.426921	Abat
ENSMUSG00000033880	0.205854341	-2.28030422	5.39E-26	1.38E-24	1522.20176	2121.00914	1573.41325	381.0804279	271.4121643	422.6648261	Lgals3bp
ENSMUSG00000024072	2.548420055	1.349603096	5.62E-26	1.44E-24	1133.82106	1070.28782	1325.63164	2772.153004	3168.182245	3046.453722	Yipf4
ENSMUSG00000026980	3.569796151	1.835841693	5.87E-26	1.50E-24	106.491481	121.312331	106.546094	390.4003297	432.7231676	370.5974199	Ly75
ENSMUSG00000048572	2.145902233	1.101584349	7.22E-26	1.84E-24	1015.69606	1191.60015	1100.15037	2376.574951	2348.824768	2370.598372	Tmem252
ENSMUSG00000099398	0.019878392	-5.652655147	8.04E-26	2.04E-24	212.088076	180.990171	144.952244	7.248812487	0.853497372	3.062788595	Ms4a14
ENSMUSG00000074923	18.91682872	4.241598346	8.49E-26	2.15E-24	8.05397756	5.86995149	9.91126458	137.7274373	134.8525848	172.5370908	Pak6
ENSMUSG00000027381	0.278279789	-1.845391962	8.70E-26	2.20E-24	502.926154	426.549808	454.679263	110.8032766	139.1200716	134.7626982	Bcl2l11
ENSMUSG00000038168	5.001887124	2.322472501	9.04E-26	2.29E-24	287.258533	208.383278	156.102417	1124.60148	1100.158112	1048.494629	P3h2
ENSMUSG00000032875	3.331110646	1.736003275	9.50E-26	2.40E-24	2549.53134	1998.71848	1682.43716	6969.215434	7002.945937	6794.286032	Arhgef17
ENSMUSG00000025610	2.182430746	1.125935874	1.02E-25	2.56E-24	1421.97448	1544.77557	1635.35866	3463.896824	3447.275885	3126.086226	Map3k7cl
ENSMUSG00000020312	0.237051283	-2.076728893	1.19E-25	2.99E-24	762.443209	637.868062	847.413122	215.3932853	153.629527	164.3696546	Shc2
ENSMUSG00000030774	0.195193804	-2.357020834	1.25E-25	3.14E-24	427.755697	660.369543	504.235586	98.3767409	97.2987004	115.3650371	Pak1
ENSMUSG00000025473	0.114843447	-3.122259561	1.28E-25	3.21E-24	315.000011	535.143911	334.50518	50.74168741	35.84688962	50.02554704	Adam8
ENSMUSG00000036144	0.304638053	-1.714831932	1.42E-25	3.56E-24	1770.98018	1381.39525	1370.23233	487.7415259	403.7042569	488.0043161	Meox2
ENSMUSG00000044583	0.182205801	-2.456359203	1.66E-25	4.15E-24	263.991487	331.652259	277.515408	56.95495526	42.6748686	60.23484236	Tlr7
ENSMUSG00000026090	7.961615734	2.993061242	1.83E-25	4.55E-24	35.7954558	21.5231555	47.0785068	294.094678	259.4632011	268.5044668	2010300C02Rik
ENSMUSG00000019122	0.099303167	-3.332016462	1.90E-25	4.74E-24	1024.64492	2479.07618	2262.24614	224.7131871	194.5974008	153.1394297	Ccl9
ENSMUSG00000043857	13.98767218	3.806083985	2.11E-25	5.24E-24	8.94886395	11.739903	12.3890807	153.2606069	130.5850979	174.5789499	Mgat5b
ENSMUSG00000052609	3.017393819	1.593303004	2.16E-25	5.37E-24	1975.01427	1502.70758	1440.85009	4857.739911	4711.305493	5281.268467	Plekhg3
ENSMUSG00000038695	2.216897001	1.148541743	2.20E-25	5.46E-24	695.326729	719.069058	810.24588	1609.236372	1636.154462	1679.429079	Josd2
ENSMUSG00000026288	0.22587745	-2.146387848	2.23E-25	5.53E-24	710.539798	1001.80505	986.170826	198.8245711	173.2599665	237.8765808	Inpp5d
ENSMUSG00000035385	0.041348922	-4.596006459	2.88E-25	7.12E-24	182.556825	367.850293	550.075184	17.6042589	13.65595795	14.29301344	Ccl2
ENSMUSG00000001131	0.112178281	-3.156134709	2.90E-25	7.16E-24	1225.09948	1686.63273	2973.37937	244.3885353	207.3998614	208.2696244	Timp1
ENSMUSG00000015316	42.43417192	5.407154619	3.07E-25	7.57E-24	7.15909116	5.86995149	12.3890807	239.2108121	220.202322	598.2647055	Slamf1
ENSMUSG00000075602	0.256507716	-1.962925872	3.10E-25	7.62E-24	5909.82976	9766.62096	8243.69432	2120.795425	1980.113903	2034.712556	Ly6a
ENSMUSG00000074918	3.309481564	1.726605234	3.19E-25	7.84E-24	598.678999	579.168547	791.662258	2113.546612	1980.9674	2414.498342	Inafm2
ENSMUSG00000029648	0.429698653	-1.218602842	3.28E-25	8.04E-24	2371.44895	2406.68011	2755.33155	1158.774453	1051.508762	1026.034179	Flt1
ENSMUSG00000034575	2.133945789	1.093523526	4.33E-25	1.06E-23	639.843773	605.583329	649.18783	1406.269623	1351.939837	1283.308421	Papd7
ENSMUSG00000031983	2.466227932	1.302306142	4.43E-25	1.09E-23	2212.15917	2403.74514	2786.30426	5685.140079	6132.378618	6428.79326	2310022B05Rik
ENSMUSG00000021322	0.090929143	-3.459113439	4.66E-25	1.14E-23	151.235801	221.101506	188.314027	20.71089282	17.92344481	12.25115438	Aoah
ENSMUSG00000027316	3.470216469	1.79502566	4.98E-25	1.21E-23	105.596595	114.464054	138.757704	414.2178564	416.5067175	407.3508831	Gfra4
ENSMUSG00000032744	2.959042313	1.565130326	5.00E-25	1.22E-23	1601.84665	1318.78244	1836.06176	4432.131064	4555.115474	5081.166278	Heyl
ENSMUSG00000024737	0.089249849	-3.486006469	5.10E-25	1.24E-23	234.460236	460.791192	364.238973	36.24406244	23.04442904	35.7325336	Slc15a3
ENSMUSG00000043801	5.663177752	2.501611813	5.52E-25	1.34E-23	35.7954558	40.1113352	42.1228745	217.4643746	247.5142379	200.1021882	Oaz1-ps
ENSMUSG00000016382	3.207894629	1.681626754	5.53E-25	1.34E-23	10718.9492	8329.46117	7319.46889	28533.39704	29973.97421	26087.81232	Pls3
ENSMUSG00000063856	3.411448667	1.770384508	6.11E-25	1.48E-23	5772.91214	8194.45228	8778.9026	26673.55886	26440.49509	24473.72273	Gpx1
ENSMUSG00000030748	0.269763181	-1.890234641	6.26E-25	1.51E-23	1261.78982	1818.70664	1893.05153	450.4619188	451.5001098	438.9996986	Il4ra
ENSMUSG00000071547	0.104036072	-3.264844254	7.06E-25	1.70E-23	442.073879	388.395124	486.890873	60.06158918	23.89792642	54.10926517	Nt5dc2
ENSMUSG00000056481	0.326209032	-1.616131366	7.44E-25	1.79E-23	2329.38929	2111.22589	2671.0858	879.1774002	666.5814475	774.8855144	Cd248
ENSMUSG00000047810	0.103325518	-3.274731499	7.65E-25	1.84E-23	234.460236	444.159663	355.566617	42.45733028	29.01891065	35.7325336	Ccdc88b
ENSMUSG00000026749	0.369929847	-1.434676388	1.03E-24	2.48E-23	621.051158	665.261169	732.194671	237.1397228	255.1957142	253.1905238	Nek6
ENSMUSG00000029687	3.067993291	1.617295328	1.06E-24	2.53E-23	367.798309	366.871968	403.884032	1344.136944	1149.66096	996.4272228	Ezh2
ENSMUSG00000031749	2.051803586	1.036892632	1.06E-24	2.53E-23	1583.05403	1558.47212	1639.07538	3327.204932	3464.345833	3013.783977	St3gal2
ENSMUSG00000071713	0.191552459	-2.38418855	1.06E-24	2.55E-23	804.502869	1220.94991	1137.31761	243.3529906	157.0435164	206.2277654	Csf2rb
ENSMUSG00000079419	0.130937489	-2.933049882	1.18E-24	2.82E-23	310.525579	464.704493	275.037592	42.45733028	52.91683706	41.85811079	Ms4a6c
ENSMUSG00000047344	9.664972454	3.272765621	1.20E-24	2.87E-23	78.7500028	39.1330099	30.9727018	455.639642	487.3469994	512.5066248	Lancl3
ENSMUSG00000020399	0.05782754	-4.112099471	1.28E-24	3.04E-23	132.443187	196.643375	136.279888	10.35544641	9.388471092	7.146506721	Havcr2
ENSMUSG00000026335	2.961966898	1.566555518	1.29E-24	3.08E-23	10308.1964	7696.48473	7387.60884	25408.12331	25825.97698	23985.71841	Pam
ENSMUSG00000034926	4.441494809	2.151045305	1.43E-24	3.40E-23	200.454553	220.123181	213.092188	883.3195788	739.9822215	1191.424763	Dhcr24
ENSMUSG00000034881	2.859651202	1.515839189	1.45E-24	3.43E-23	260.411941	314.042405	333.266272	843.9688824	827.0389534	918.8365784	Tbxa2r
ENSMUSG00000029322	0.13506456	-2.888278929	1.56E-24	3.70E-23	623.735818	1351.06717	1127.40635	143.9407051	133.14559	141.9092049	Plac8
ENSMUSG00000041362	0.245205727	-2.02793542	1.65E-24	3.90E-23	415.227287	517.534057	406.361848	118.0520891	93.88471092	117.4068961	Shtn1
ENSMUSG00000040204	0.116202345	-3.105288913	1.71E-24	4.04E-23	191.505689	304.259152	322.116099	31.06633923	34.99339225	28.58602688	Pclaf
ENSMUSG00000004035	7.034501266	2.814448143	1.79E-24	4.22E-23	32.2159102	36.1980342	56.9897713	330.3387405	253.4887195	286.8811984	Gstm7
ENSMUSG00000020926	4.854260447	2.279251516	1.81E-24	4.28E-23	253.25285	140.878836	183.358395	976.5185965	871.4208168	960.6946892	Adam11
ENSMUSG00000039316	0.330140987	-1.598845836	2.00E-24	4.70E-23	655.056841	755.267092	828.829501	254.7439817	226.1768036	258.2951715	Rftn1
ENSMUSG00000005397	0.296939481	-1.751759167	2.06E-24	4.85E-23	10443.3242	7431.35859	7862.11063	2873.636379	2256.647051	2513.528507	Nid1
ENSMUSG00000039997	0.174073495	-2.522231542	2.25E-24	5.29E-23	1769.1904	2845.94815	2690.90833	357.2629012	554.7732918	358.3462656	Ifi203
ENSMUSG00000037458	2.088061159	1.062163969	2.47E-24	5.80E-23	2009.91484	1978.17365	1803.85015	3769.382493	4038.749564	4290.966821	Azin1
ENSMUSG00000069792	0.115863279	-3.109504698	2.55E-24	5.98E-23	246.988645	407.961629	450.962538	49.70614277	43.52836597	34.71160407	Wfdc17
ENSMUSG00000022679	3.974832442	1.990894045	2.60E-24	6.07E-23	93.0681851	120.334006	138.757704	494.9903384	450.6466124	446.1462053	Mpv17l
ENSMUSG00000029466	2.041296362	1.029485653	2.60E-24	6.07E-23	821.505711	812.009956	770.600821	1551.245872	1665.173373	1693.722093	Anapc7
ENSMUSG00000036106	0.178700549	-2.484384026	2.68E-24	6.26E-23	255.042623	221.101506	249.020523	49.70614277	46.94235546	32.66974501	Prr5
ENSMUSG00000025888	0.213057351	-2.230686263	2.73E-24	6.37E-23	375.852286	483.292673	336.982996	92.16347305	85.3497372	77.5906444	Casp1
ENSMUSG00000021242	0.358881508	-1.478420506	2.82E-24	6.55E-23	5908.93487	7049.81174	8130.95368	2686.202799	2453.804944	2427.770426	Npc2
ENSMUSG00000021675	16.90947891	4.079760296	3.09E-24	7.17E-23	17.0028415	13.6965535	18.5836211	220.5710085	195.4508982	414.4973898	F2rl2
ENSMUSG00000075585	2.240803518	1.164016154	3.31E-24	7.69E-23	435.809675	482.314348	495.563229	1026.224739	1066.018218	1070.955079	6330403L08Rik
ENSMUSG00000040483	0.279744004	-1.837820884	3.43E-24	7.95E-23	616.576726	833.533112	755.733924	187.43358	230.4442904	198.0603291	Xaf1
ENSMUSG00000042099	0.335274156	-1.576586817	3.50E-24	8.09E-23	1715.49722	1470.42285	1294.65894	550.909749	489.0539941	463.5020073	Kank3
ENSMUSG00000018819	0.382579571	-1.386168256	3.81E-24	8.78E-23	3532.1166	3550.34233	4412.99055	1516.037354	1345.111858	1536.498945	Lsp1
ENSMUSG00000030921	0.203411415	-2.297527452	3.87E-24	8.91E-23	905.625032	1568.25537	1418.54974	282.703687	240.6862589	268.5044668	Trim30a
ENSMUSG00000015468	0.412606702	-1.27716084	4.16E-24	9.57E-23	797.343778	829.619811	775.556453	348.978544	303.8450644	339.969534	Notch4
ENSMUSG00000044017	0.282423095	-1.824070024	4.37E-24	1.01E-22	922.627874	849.186316	1054.31077	316.8766602	258.6097037	222.5626379	Adgrd1
ENSMUSG00000025810	0.394334706	-1.342507405	5.00E-24	1.15E-22	3000.55408	2521.14417	2709.49195	1190.876337	964.4520303	1092.394599	Nrp1
ENSMUSG00000031849	0.256121561	-1.965099385	5.45E-24	1.25E-22	3607.28706	2782.35701	3691.94606	1011.727114	669.1419396	902.5017059	Comp
ENSMUSG00000001763	18.34991894	4.197701785	5.51E-24	1.26E-22	17.8977279	74.3527189	28.4948857	674.1395613	810.8225034	734.0483332	Tspan33
ENSMUSG00000042759	0.179365128	-2.479028661	6.14E-24	1.40E-22	265.781259	292.519249	210.614372	50.74168741	41.82137123	45.94182892	Apobr
ENSMUSG00000037362	2.693019398	1.429224622	6.21E-24	1.42E-22	8538.1111	6656.52499	6485.68376	19049.87922	20858.62227	18483.92917	Nov
ENSMUSG00000064267	0.107150402	-3.222290838	6.32E-24	1.44E-22	232.670463	468.617794	365.477881	40.386241	33.28639751	40.83718126	Hvcn1
ENSMUSG00000046546	0.333387242	-1.584729196	6.48E-24	1.48E-22	1108.76424	1163.22872	1438.37227	399.7202314	451.5001098	383.8695039	Fam43a
ENSMUSG00000027544	0.223113841	-2.164148081	6.74E-24	1.53E-22	407.17331	488.184299	619.454036	119.0876337	109.2476636	109.2394599	Nfatc2
ENSMUSG00000026304	22.65128037	4.501520696	6.96E-24	1.58E-22	6.26420477	5.86995149	6.19454036	111.8388212	140.8270664	162.3277955	Rab17
ENSMUSG00000036246	0.359608727	-1.475500061	8.13E-24	1.84E-22	672.954569	735.700587	619.454036	264.0638835	229.5907931	236.8556513	Gmip

ENSMUSG00000048915	3.259339496	1.704579632	8.18E-24	1.85E-22	306.946034	363.936992	447.245814	1224.013766	1277.685566	1132.21085	Efna5
ENSMUSG00000027962	0.397282089	-1.331764342	8.21E-24	1.86E-22	2481.51997	3087.59448	2440.6489	1071.788703	1058.336741	1052.578347	Vcam1
ENSMUSG00000027490	0.208616366	-2.261075754	9.01E-24	2.03E-22	267.571032	353.175415	376.628054	72.48812487	70.84028187	64.31856049	E2f1
ENSMUSG00000040990	0.339147346	-1.560015892	9.68E-24	2.18E-22	993.323899	844.29469	1074.1333	364.5117136	310.6730434	312.4044366	Sh3kbp1
ENSMUSG00000022484	0.290657539	-1.782607768	1.02E-23	2.29E-22	619.261386	709.285805	780.512086	219.5354639	171.5529718	222.5626379	Hoxc10
ENSMUSG00000022518	7.466896093	2.900508655	1.04E-23	2.34E-22	41.1647742	29.3497575	24.7781615	197.7890264	273.119159	248.0858762	4930562C15Rik
ENSMUSG00000037254	6.158018808	2.622466274	1.04E-23	2.34E-22	221.931826	152.618739	107.785002	984.8029536	865.4463352	1134.25271	Itih2
ENSMUSG00000062591	2.628889962	1.394453756	1.21E-23	2.70E-22	211.193189	230.884759	249.020523	580.9405436	610.250621	620.7251552	Tubb4a
ENSMUSG00000054808	2.167550376	1.116065523	1.33E-23	2.98E-22	13437.6141	12464.842	11043.6266	28183.38295	25729.53178	26178.67505	Actn4
ENSMUSG00000035472	28.52904922	4.834359762	1.37E-23	3.07E-22	8.05397756	5.86995149	7.43344844	272.3482406	217.6418299	119.4487552	Slc25a21
ENSMUSG00000049907	2.725034133	1.446274301	1.42E-23	3.18E-22	660.42616	557.645392	759.450649	1771.816881	1746.255623	1864.217325	Rasl11b
ENSMUSG00000021047	0.221536818	-2.174381612	1.52E-23	3.38E-22	335.582398	368.828619	480.696332	82.84357128	85.3497372	93.9255169	Nova1
ENSMUSG00000020520	0.397488782	-1.331013952	1.55E-23	3.44E-22	1046.1222	856.034593	953.959216	374.86716	379.8063305	380.8067153	Galnt10
ENSMUSG00000022831	0.184175984	-2.440843146	1.79E-23	3.97E-22	743.650595	1210.18833	1108.82273	228.8553657	186.0624271	149.0557116	Hcls1
ENSMUSG00000040026	0.003222382	-8.277656868	1.79E-23	3.97E-22	426.860811	1725.76574	2591.79569	5.177723205	5.974481604	4.083718126	Saa3
ENSMUSG00000059089	0.058377954	-4.098432549	1.83E-23	4.06E-22	193.295461	482.314348	488.129781	20.71089282	18.77694218	28.58602688	Fcgr4
ENSMUSG00000026177	0.404751757	-1.304890752	2.06E-23	4.56E-22	835.823893	906.907505	787.945534	324.1254726	335.4244672	365.4927723	Slc11a1
ENSMUSG00000019254	2.206833151	1.141977558	2.29E-23	5.06E-22	3354.9291	3786.11871	4185.03147	8543.243288	8127.855473	8315.471034	Ppp1r12c
ENSMUSG00000028059	2.061278195	1.043539228	2.30E-23	5.08E-22	3079.30409	2792.14026	2581.88442	5649.931561	5819.998579	5962.228464	Arhgef2
ENSMUSG00000028780	2.381993941	1.252169743	2.38E-23	5.25E-22	1128.45174	963.65037	1126.16744	2602.323683	2737.166072	2323.635614	Sema3c
ENSMUSG00000022878	0.150968372	-2.727681759	2.40E-23	5.29E-22	5730.85248	3237.27825	4249.45469	918.5280966	527.4613759	550.2810175	Adipoq
ENSMUSG00000037621	2.809936548	1.490537553	2.52E-23	5.55E-22	425.071038	490.14095	550.075184	1516.037354	1314.385953	1280.245633	Atoh8
ENSMUSG00000033446	0.388640458	-1.363491999	3.07E-23	6.75E-22	574.517066	551.77544	543.880644	232.9975442	205.6928666	211.332413	Lpar6
ENSMUSG00000047180	0.180919386	-2.466581087	3.35E-23	7.35E-22	603.153431	1125.07404	939.092319	149.1184283	170.6994744	162.3277955	Neurl3
ENSMUSG00000039242	2.474394832	1.307075726	3.88E-23	8.49E-22	1102.50004	1220.94991	939.092319	2652.029826	2826.783296	2600.307517	B3galnt2
ENSMUSG00000026196	4.706979432	2.234801549	3.97E-23	8.67E-22	53.6931837	51.8512382	53.2730471	269.2416067	264.5841853	213.3742721	Bard1
ENSMUSG00000037731	0.130397317	-2.939013913	4.05E-23	8.83E-22	362.42899	717.112407	586.003518	86.98574985	69.9867845	60.23484236	Themis2
ENSMUSG00000051323	0.16251381	-2.621365773	4.19E-23	9.13E-22	689.062524	721.025708	1170.76813	163.6160533	145.0945532	110.2603894	Pcdh19
ENSMUSG00000004952	0.399053502	-1.32534591	4.23E-23	9.21E-22	1562.47165	1952.7372	1792.69998	737.3077844	655.4859817	725.8808969	Rasa4
ENSMUSG00000079017	0.178924665	-2.482575813	4.61E-23	1.00E-21	3672.61377	3031.82995	5116.69034	925.7769091	623.9065789	565.5949605	Ifi27l2a
ENSMUSG00000030223	0.113883901	-3.134364281	4.99E-23	1.08E-21	198.66478	307.194128	229.197993	36.24406244	20.48393693	27.56509735	Ptpro
ENSMUSG00000031343	2.934192512	1.552963529	5.05E-23	1.10E-21	1064.01992	765.050344	1029.53261	2938.875691	2824.222804	2622.767966	Gabra3
ENSMUSG00000055541	0.092278726	-3.437858097	5.30E-23	1.15E-21	299.786942	586.016824	532.730471	39.35069636	30.72590539	61.25577189	Lair1
ENSMUSG00000036052	3.336295458	1.738247058	6.13E-23	1.32E-21	800.923324	1234.64646	961.392664	3489.78544	3111.851418	3396.632551	Dnajb5
ENSMUSG00000042812	9.800181554	3.292808476	6.77E-23	1.46E-21	23.2670463	33.2630585	61.9454036	331.3742851	380.6598279	429.8113328	Foxf1
ENSMUSG00000030263	0.159158959	-2.65145973	6.78E-23	1.46E-21	268.465919	357.088716	252.737247	52.81277669	52.06333969	34.71160407	Lrmp
ENSMUSG00000018659	3.761926338	1.9114716	6.88E-23	1.48E-21	213.877849	285.670973	282.471041	838.7911592	939.7006065	1158.755018	Pnpo
ENSMUSG00000046318	0.177050939	-2.497763597	7.23E-23	1.55E-21	913.67901	614.388256	703.699785	162.5805086	93.88471092	139.8673458	Ccbe1
ENSMUSG00000084817	4.877133879	2.286033575	7.34E-23	1.58E-21	77.8551164	132.073909	128.84644	526.0566776	518.9264022	600.3065645	Gm5526
ENSMUSG00000002897	0.289891416	-1.786415483	7.85E-23	1.68E-21	623.735818	860.926219	847.413122	210.2155621	231.2977878	233.7928627	Il17ra
ENSMUSG00000033209	2.554528254	1.353056893	8.00E-23	1.71E-21	2019.75859	1799.14013	2441.88781	5364.12124	5272.053267	5348.649816	Ttc28
ENSMUSG00000021281	0.179467399	-2.478206302	8.13E-23	1.74E-21	800.923324	1367.6987	1216.60773	254.7439817	177.5274534	175.5998794	Tnfaip2
ENSMUSG00000041836	0.19159607	-2.383860129	8.71E-23	1.86E-21	465.340926	723.960684	661.576911	134.6208033	93.03121354	127.6161914	Ptpre
ENSMUSG00000030495	0.103748458	-3.268838201	9.12E-23	1.94E-21	604.943203	358.067041	449.72363	72.48812487	41.82137123	32.66974501	Slc7a10
ENSMUSG00000024678	0.185843207	-2.427842138	1.04E-22	2.22E-21	622.840931	641.781363	670.249267	163.6160533	82.78924508	114.3441075	Ms4a4d
ENSMUSG00000057596	0.19141753	-2.385205134	1.06E-22	2.25E-21	406.278424	686.784325	613.259496	105.6255534	101.5661873	119.4487552	Trim30d
ENSMUSG00000058704	3.047504909	1.607628545	1.14E-22	2.43E-21	524.403428	722.004034	730.955763	2026.560862	2127.768948	1864.217325	Memo1
ENSMUSG00000031803	0.308757585	-1.695453514	1.15E-22	2.45E-21	646.107977	793.421777	629.365301	231.9619996	221.0558193	185.8091747	B3gnt3
ENSMUSG00000061780	0.137726712	-2.860119696	1.17E-22	2.48E-21	35901.9473	25270.1412	41861.4649	7014.779398	3725.516029	3450.741817	Cfd
ENSMUSG00000058914	0.069686846	-3.842969831	1.29E-22	2.73E-21	2045.7103	676.022747	2386.13695	135.656348	110.101161	110.2603894	C1qtnf3
ENSMUSG00000021820	2.153710885	1.106824595	1.40E-22	2.96E-21	2386.66202	2691.37276	2186.67275	5130.088152	5136.347185	5385.403279	Camk2g
ENSMUSG00000003812	0.275235798	-1.861259971	1.41E-22	2.97E-21	506.5057	680.914373	723.522314	173.9714997	169.845977	181.7254566	Dnase2a
ENSMUSG00000039942	0.312272175	-1.679124073	1.44E-22	3.04E-21	378.536945	439.268037	413.795296	113.9099105	131.4385953	138.8464163	Ptger4
ENSMUSG00000031613	0.233388384	-2.099195339	1.45E-22	3.05E-21	312.315352	328.717284	353.088801	74.55921415	63.15880553	94.94644643	Hpgd
ENSMUSG00000097233	4.044611282	2.016001055	1.47E-22	3.10E-21	140.497164	120.334006	87.9624732	442.1775617	485.6400047	492.0880342	Gm17552
ENSMUSG00000049130	0.124070059	-3.010773098	1.51E-22	3.17E-21	292.627851	508.729129	626.887485	56.95495526	59.74481604	60.23484236	C5ar1
ENSMUSG00000026278	0.29436033	-1.764344836	1.60E-22	3.34E-21	474.28979	503.837503	588.481334	170.8648658	157.8970138	131.6999096	Bok
ENSMUSG00000035566	0.110974854	-3.171695285	1.64E-22	3.43E-21	175.397733	166.315292	250.259431	26.92416067	21.3374343	17.35580204	Pcdh17
ENSMUSG00000007867	2.244773383	1.166569808	1.65E-22	3.44E-21	394.6449	430.463109	432.378917	971.3408733	885.0767747	964.7784073	Ift43
ENSMUSG00000001506	0.215456809	-2.214529402	1.73E-22	3.61E-21	118148.271	90511.717	162844.555	30295.89402	21952.8059	27794.8065	Col1a1
ENSMUSG00000045136	0.160832151	-2.636372257	1.76E-22	3.66E-21	377.642059	411.87493	664.054727	83.87911592	75.10776873	74.5278558	Tubb2b
ENSMUSG00000069662	0.150141877	-2.735601675	1.76E-22	3.67E-21	5272.67064	7440.16352	12252.8008	1337.923676	1082.234668	1328.229321	Marcks
ENSMUSG00000097767	0.117734814	-3.086387109	1.86E-22	3.86E-21	178.977279	137.94386	185.836211	22.7819821	15.3629527	21.43952016	Miat
ENSMUSG00000020607	30.49445857	4.930475196	1.88E-22	3.90E-21	2.68465919	20.5448302	4.95563229	282.703687	268.8516722	314.4462957	Fam84a
ENSMUSG00000020592	0.495778063	-1.012233658	1.89E-22	3.92E-21	3137.4717	2863.558	3275.67294	1533.641613	1463.747993	1601.838435	Sdc1
ENSMUSG00000055782	0.150541902	-2.731762993	2.01E-22	4.17E-21	1249.26141	725.917334	771.839729	180.1847675	112.6616531	121.4906143	Abcd2
ENSMUSG00000030761	0.247370263	-2.015256014	2.07E-22	4.28E-21	1340.53982	919.625734	870.952375	278.5615084	240.6862589	256.2533124	Myo7a
ENSMUSG00000015869	2.071435991	1.05063124	2.09E-22	4.32E-21	1054.17617	1061.48289	1183.15721	2165.323844	2248.112078	2414.498342	Prpsap1
ENSMUSG00000034041	0.311247307	-1.683866738	2.20E-22	4.53E-21	477.869335	587.973474	552.553	186.3980354	148.5085427	169.4743022	Lyl1
ENSMUSG00000049866	0.239324308	-2.06296116	2.20E-22	4.53E-21	567.357975	811.031631	909.358525	183.2914015	186.9159245	176.620809	Arl4c
ENSMUSG00000049625	0.097564982	-3.357492764	2.28E-22	4.69E-21	255.042623	427.528134	375.389146	43.49287492	19.63043956	40.83718126	Tifab
ENSMUSG00000005836	2.29010189	1.195411787	2.39E-22	4.92E-21	570.93752	571.341945	531.491563	1152.561185	1345.965356	1336.396757	Gata6
ENSMUSG00000000392	0.242710801	-2.042689782	2.60E-22	5.35E-21	1436.29266	867.774496	1194.30738	305.4856691	277.3866459	266.4626077	Fap
ENSMUSG00000028358	0.072557321	-3.784735003	2.63E-22	5.40E-21	119.019891	116.420705	147.430061	8.284357128	11.94896321	7.146506721	Zfp618
ENSMUSG00000001227	0.274876372	-1.863145193	2.67E-22	5.47E-21	691.747184	612.431606	568.658805	210.2155621	147.6550454	158.2440774	Sema6b
ENSMUSG00000027800	2.356030255	1.236358066	2.72E-22	5.57E-21	4977.35813	4390.72372	4336.17825	9395.496528	11581.10584	11313.94107	Tm4sf1
ENSMUSG00000032028	3.82046141	1.933746888	2.81E-22	5.74E-21	153.92046	129.138933	99.1126458	460.8173653	514.6589153	493.1089637	Nxpe2
ENSMUSG00000037010	0.122539373	-3.028682719	2.81E-22	5.74E-21	160.184665	177.07687	234.153626	23.81752674	27.3119159	18.37673157	Apln
ENSMUSG00000020102	2.725077076	1.446297036	2.93E-22	5.97E-21	518.139223	388.395124	441.051274	1290.288623	1228.182718	1156.713159	Slc16a7
ENSMUSG00000015134	0.160879414	-2.635948365	2.98E-22	6.07E-21	555.724452	375.676895	501.757769	104.5900087	62.30530815	64.31856049	Aldh1a3
ENSMUSG00000004383	2.015491849	1.011131948	3.07E-22	6.23E-21	822.400597	913.755782	836.262949	1709.684202	1803.439947	1671.261643	Large1
ENSMUSG00000026043	0.259593071	-1.945676221	3.10E-22	6.29E-21	237870.648	137952.665	177951.8	52059.93574	44678.02693	47018.90957	Col3a1
ENSMUSG00000041577	2.787510723	1.478977355	3.11E-22	6.30E-21	5292.35814	3700.02609	4118.13043	12100.33913	12420.94725	12029.61267	Prelp
ENSMUSG00000096929	4.090745929	2.032363936	3.47E-22	7.01E-21	255.042623	190.773423	153.624601	742.4855076	885.0767747	834.0994273	A330023F24Rik
ENSMUSG00000056476	9.886000269	3.305386946	3.77E-22	7.63E-21	78.7500028	57.7211897	55.7508633	531.2344008	414.7997228	960.6946892	Med12l
ENSMUSG00000047420	0.131954045	-2.921892517	4.02E-22	8.12E-21	234.460236	180.011846	163.535866	31.06633923	22.19093167	23.48137923	Fam180a
ENSMUSG00000022220	0.450830096	-1.149344267	4.24E-22	8.55E-21	1368.2813	1444.00807	1285.98658	669.9973827	594.0341709	584.9926216	Adcy4
ENSMUSG00000026348	90.72866877	6.503486586	4.36E-22	8.78E-21	1.78977279	0.97832525	3.71672422	138.7629819	177.5274534	241.960299	Acmsd
ENSMUSG00000056174	0.102733459	-3.283021966	4.73E-22	9.50E-21	916.363669	463.726168	677.682716	76.63030344	42.6748686	92.90458737	Col8a2
ENSMUSG00000041481	0.081881522	-3.610318267	4.85E-22	9.74E-21	256.832395	651.564616	366.716789	36.24406244	38.40738174	29.60695641	Serpina3g
ENSMUSG00000075027	5.376136262	2.426569705	5.44E-22	1.09E-20	41.1647742	33.2630585	50.795231	205.0378389	244.9537458	217.4579902	4631405J19Rik
ENSMUSG00000074577	0.124361845	-3.007384171	5.55E-22	1.11E-20	151.235801	135.008884	149.907877	22.7819821	14.50945532	17.35580204	Ripor3
ENSMUSG00000028684	2.169817394	1.117573635	5.57E-22	1.11E-20	714.119344	773.855272	660.338003	1505.681908	1643.835938	1515.059425	Urod

ENSMUSG00000057191	0.189103916	-2.402748855	6.21E-22	1.24E-20	222.826712	326.760633	319.638283	51.77723205	58.03782129	54.10926517	AB124611
ENSMUSG00000015647	2.307045663	1.206046559	6.27E-22	1.25E-20	4440.42629	3801.77192	3429.29755	9087.93977	8686.042755	9161.821616	Lama5
ENSMUSG00000000957	0.16277903	-2.619013243	6.85E-22	1.36E-20	7117.92639	8178.79908	15460.3338	1587.489935	1699.313268	1719.245331	Mmp14
ENSMUSG00000023216	1088.825041	10.08855644	6.85E-22	1.36E-20	0	1.9566505	0	569.5495526	727.1797609	918.8365784	Epb42
ENSMUSG00000025656	2.561929225	1.357230621	6.84E-22	1.36E-20	282.784101	239.689686	239.109258	631.682231	677.6769133	645.2274639	Arhgef9
ENSMUSG00000039903	3.573622074	1.837387071	6.92E-22	1.37E-20	108.281254	109.572428	135.04098	371.7605261	468.5700572	414.4973898	Eva1c
ENSMUSG00000020124	3.068264245	1.617422736	7.84E-22	1.55E-20	897.571055	990.065152	661.576911	2480.129415	2676.567758	2673.814443	Usp15
ENSMUSG00000022346	0.247240143	-2.016015089	7.90E-22	1.56E-20	281.889215	341.435512	370.433514	72.48812487	89.61722406	82.69529205	Myc
ENSMUSG00000037613	0.222287439	-2.169501668	8.14E-22	1.61E-20	270.255691	264.147817	330.788455	70.41703559	52.91683706	69.42320814	Tnfrsf23
ENSMUSG00000038366	0.38869409	-1.363292924	8.57E-22	1.69E-20	2733.87794	3129.66247	3670.88462	1273.719908	1167.584405	1263.91076	Lasp1
ENSMUSG00000024404	2.143345129	1.099864177	1.05E-21	2.06E-20	1821.09381	2192.42688	1933.9355	4030.339743	4240.174944	4476.775996	Riok3
ENSMUSG00000020914	0.367838909	-1.442854003	1.08E-21	2.13E-20	567.357975	695.589252	662.815819	227.819821	232.1512852	248.0858762	Top2a
ENSMUSG00000004891	2.039397318	1.02814287	1.08E-21	2.13E-20	2625.59668	2223.73329	2539.76155	5248.140241	4967.354705	4853.498993	Nes
ENSMUSG00000029695	11.51601557	3.525569739	1.11E-21	2.17E-20	16.1079551	14.6748787	22.3003453	165.6871426	164.7249928	274.630044	Aass
ENSMUSG00000053641	2.636950069	1.398870254	1.13E-21	2.22E-20	1443.45176	1076.15777	1127.40635	3261.965619	3325.225761	3035.223497	Dennd4a
ENSMUSG00000019979	0.40131233	-1.317202612	1.21E-21	2.36E-20	718.593776	688.740975	789.184442	283.7392316	318.3545197	277.6928326	Apaf1
ENSMUSG00000030123	0.499420552	-1.001672903	1.35E-21	2.63E-20	4511.12232	4312.4577	3927.33859	2194.319094	1992.916364	2183.768268	Plxnd1
ENSMUSG00000021950	0.077543182	-3.688856252	1.39E-21	2.71E-20	273.835237	158.48869	178.402762	12.42653569	22.19093167	12.25115438	Anxa8
ENSMUSG00000031871	0.328743035	-1.604967767	1.41E-21	2.75E-20	4870.86665	3956.34731	3247.17806	1380.381006	1257.201629	1333.333968	Cdh5
ENSMUSG00000021796	2.611814657	1.385052522	1.46E-21	2.85E-20	2560.26998	2013.39336	1919.0686	5408.64966	6078.608283	5477.286937	Bmpr1a
ENSMUSG00000046442	2.673094473	1.418510826	1.49E-21	2.91E-20	405.383537	349.262114	307.249202	981.6963197	969.5730146	894.3342696	Ppm1e
ENSMUSG00000024302	3.064357199	1.615584476	1.56E-21	3.02E-20	730.227299	952.888792	639.276565	2475.987237	2398.327615	2248.086828	Dtna
ENSMUSG00000024420	0.236845373	-2.077982607	1.57E-21	3.04E-20	1342.32959	960.715394	830.068409	279.5970531	223.6163115	239.9184399	Zfp521
ENSMUSG00000089417	18.08545805	4.176758232	1.64E-21	3.18E-20	10.7386367	9.78325249	24.7781615	300.3079459	335.4244672	163.348725	Gm22009
ENSMUSG00000047534	4.308977049	2.107345414	1.65E-21	3.19E-20	66.2215933	93.9192239	99.1126458	377.973794	403.7042569	328.7393092	Mis18bp1
ENSMUSG00000025795	2.450444204	1.293043297	1.86E-21	3.59E-20	2252.42906	2788.22696	2969.66265	6174.952694	6844.195426	6601.330351	Rassf3
ENSMUSG00000025059	3.835545296	1.939431699	1.86E-21	3.60E-20	199.559666	200.556676	157.341325	572.6561865	834.7204298	735.0692627	Gk
ENSMUSG00000023150	0.388815819	-1.362841177	2.07E-21	3.99E-20	2605.90918	2409.61509	1982.25292	972.3764179	894.4652458	855.5389474	Ivns1abp
ENSMUSG00000039943	3.103042833	1.633683611	2.09E-21	4.03E-20	2671.23589	2051.54805	1771.63854	6587.099462	7275.211599	6299.13521	Plcb4
ENSMUSG00000010660	2.30571958	1.205217064	2.14E-21	4.11E-20	939.630715	788.53015	780.512086	1847.41164	1880.25471	2062.277654	Plcd1
ENSMUSG00000038179	0.079360606	-3.655433145	2.16E-21	4.15E-20	222.826712	414.809905	193.269659	25.88861603	17.92344481	22.46044969	Slamf7
ENSMUSG00000024924	3.015934925	1.5926053	2.20E-21	4.21E-20	1453.29551	1436.18147	1085.28347	3830.479627	4602.911327	3561.002206	Vldlr
ENSMUSG00000088185	34.09793561	5.091612492	2.24E-21	4.29E-20	3.57954558	5.86995149	8.67235651	234.0330889	260.3166985	106.1766713	Scarna2
ENSMUSG00000030986	2.360599419	1.239153245	2.25E-21	4.31E-20	454.602289	455.899566	374.150238	1028.295829	1021.636354	989.280716	Dhx32
ENSMUSG00000028832	0.168969913	-2.565161714	2.30E-21	4.40E-20	447.443198	699.502553	820.157144	125.3009016	117.7826373	88.82086924	Stmn1
ENSMUSG00000034855	0.033494552	-4.899929728	2.33E-21	4.44E-20	205.823871	695.589252	664.054727	8.284357128	27.3119159	16.3348725	Cxcl10
ENSMUSG00000049588	3.245530462	1.698454297	2.43E-21	4.63E-20	148.551142	129.138933	117.696267	391.4358743	425.8951886	470.648514	Ccdc69
ENSMUSG00000029659	0.276899254	-1.852566929	2.52E-21	4.81E-20	1571.42051	1594.67016	2134.63861	587.1538115	411.3857333	469.6275845	Medag
ENSMUSG00000109866	0.231822862	-2.108905243	2.63E-21	5.01E-20	212.982962	194.686724	193.269659	46.59950885	47.79585283	44.92089939	Gm45714
ENSMUSG00000025584	0.294827767	-1.762055689	2.80E-21	5.32E-20	737.38639	515.577406	626.887485	184.3269461	178.3809507	191.9347519	Pde8a
ENSMUSG00000055675	0.355348257	-1.492694472	2.88E-21	5.46E-20	708.750025	571.341945	634.320933	242.317446	208.2533588	230.7300741	Kbtbd11
ENSMUSG00000031409	280.6828898	8.132797311	3.16E-21	6.00E-20	0	0.97832525	2.47781615	280.6325977	262.8771906	317.5090843	Tceal6
ENSMUSG00000031494	0.113755509	-3.135991685	3.26E-21	6.18E-20	178.082393	146.748787	168.491498	26.92416067	16.21645007	13.27208391	Cd209a
ENSMUSG00000024066	0.208125313	-2.264475655	3.29E-21	6.22E-20	3049.77284	2571.03875	1838.53958	609.9357936	386.6343095	557.4275242	Xdh
ENSMUSG00000026586	0.445096935	-1.167808529	3.37E-21	6.36E-20	9218.22476	7601.58718	9337.65014	4071.761528	3621.389349	3949.976357	Prrx1
ENSMUSG00000022489	0.315360316	-1.664926967	3.62E-21	6.84E-20	375.852286	357.088716	339.460812	98.3767409	122.0501242	117.4068961	Pde1b
ENSMUSG00000029563	3.256526001	1.703333746	3.77E-21	7.10E-20	478.764222	436.333061	669.010359	1693.115488	1763.32557	1691.680234	Foxp2
ENSMUSG00000051615	0.459145484	-1.12297674	3.77E-21	7.10E-20	1127.55686	983.216875	1116.25617	503.2746955	481.3725178	497.1926819	Rap2a
ENSMUSG00000109857	3.700093337	1.887561664	3.82E-21	7.19E-20	89.4886395	71.4177432	85.484657	279.5970531	332.0104777	299.1323527	Gm32817
ENSMUSG00000008398	0.392242578	-1.350181945	3.85E-21	7.24E-20	2430.51145	2663.00133	3247.17806	1040.722364	1095.037128	1134.25271	Elk3
ENSMUSG00000039936	0.267776065	-1.900901084	4.20E-21	7.89E-20	587.940362	873.644447	812.723696	195.7179372	224.4698088	187.8510338	Pik3cd
ENSMUSG00000049001	0.20499474	-2.286341203	4.22E-21	7.91E-20	907.414805	580.146872	532.730471	140.8340712	133.9990874	139.8673458	Ndnf
ENSMUSG00000021886	0.106283866	-3.23400549	4.29E-21	8.03E-20	172.713074	316.977381	340.69972	24.85307138	32.43290013	30.62788595	Gpr65
ENSMUSG00000031274	4.000114639	2.000041347	4.64E-21	8.68E-20	2205.89496	1245.40804	1448.28354	6480.438364	6784.45061	6340.99332	Col4a5
ENSMUSG00000019838	4.818480497	2.268578266	4.71E-21	8.81E-20	186.13637	312.085754	203.180924	1288.217533	1185.50785	907.6063535	Slc16a10
ENSMUSG00000071656	0.225343213	-2.149804097	4.88E-21	9.11E-20	767.812527	654.499591	781.750994	222.6420978	133.9990874	140.8882754	Lrrn4cl
ENSMUSG00000003283	0.12164791	-3.039216558	5.01E-21	9.35E-20	281.889215	603.626678	424.945469	60.06158918	56.33082655	42.87904032	Hck
ENSMUSG00000028035	2.712123726	1.439422995	5.10E-21	9.50E-20	2338.33815	1987.95691	1650.22555	5755.557115	5084.283845	5379.277702	Dnajb4
ENSMUSG00000050675	16.00181339	4.000163501	5.65E-21	1.05E-19	36.6903422	35.219709	14.8668969	410.0756778	279.0936406	715.6716016	Gp1ba
ENSMUSG00000030579	0.182753044	-2.452032662	5.82E-21	1.08E-19	1009.43185	1564.34207	1314.48147	325.1610173	186.0624271	200.1021882	Tyrobp
ENSMUSG00000075184	148.9863441	7.219036291	5.85E-21	1.09E-19	0.8948864	2.93497575	0	204.0022943	227.0303009	173.5580204	F930017D23Rik
ENSMUSG00000013707	0.180238957	-2.472017223	5.93E-21	1.10E-19	223.721599	311.107429	351.849893	57.9904999	55.47732918	45.94182892	Tnfaip8l2
ENSMUSG00000067212	0.287866079	-1.796530296	6.20E-21	1.15E-19	2579.95748	4169.62221	3096.03127	980.660775	885.0767747	968.8621254	H2-T23
ENSMUSG00000029408	2.92510534	1.548488581	6.32E-21	1.17E-19	191.505689	157.510365	206.897648	521.9144991	524.0473864	576.8251853	Abcb9
ENSMUSG00000032006	3.502302659	1.808303763	6.62E-21	1.22E-19	922.627874	810.053306	557.508633	2758.690924	2736.312575	2537.009886	Pdgfd
ENSMUSG00000027314	0.274363223	-1.865840985	6.73E-21	1.24E-19	641.633546	539.057212	450.962538	156.3672408	132.2920927	160.2859364	Dll4
ENSMUSG00000031340	4.432171122	2.148013583	6.80E-21	1.26E-19	233.565349	152.618739	154.863509	944.4167126	782.6570901	677.8972089	Gabre
ENSMUSG00000019960	0.368438949	-1.440502514	7.33E-21	1.35E-19	1332.48584	1333.45731	1647.74774	532.2699455	471.1305493	586.0135511	Dusp6
ENSMUSG00000031497	0.253573576	-1.97952368	7.51E-21	1.38E-19	448.338084	475.466071	547.597368	152.2250622	98.15219778	123.5324733	Tnfsf13b
ENSMUSG00000048330	3.565490305	1.834100481	7.80E-21	1.43E-19	127.073868	104.680802	89.2013812	385.2226065	407.9717438	357.325336	Ric3
ENSMUSG00000091345	0.085769573	-3.54339025	8.32E-21	1.53E-19	833.139234	353.175415	468.307251	67.31040167	39.26087911	35.7325336	Col6a5
ENSMUSG00000020357	0.188368061	-2.40837373	8.44E-21	1.55E-19	1529.36085	1003.76171	922.986514	265.0994281	165.5784902	221.5417083	Flt4
ENSMUSG00000027611	0.33520841	-1.576869751	9.57E-21	1.75E-19	1242.9972	1449.87802	1272.35859	531.2344008	374.6853463	424.7066851	Procr
ENSMUSG00000056004	6.977659568	2.802743212	9.62E-21	1.76E-19	17.8977279	19.566505	21.0614372	130.4786248	140.8270664	134.7626982	9330182L06Rik
ENSMUSG00000050730	0.359075327	-1.477641568	1.02E-20	1.87E-19	631.789795	592.865101	514.14685	226.7842764	199.718385	199.0812586	Arhgap42
ENSMUSG00000062515	0.318627033	-1.650059422	1.04E-20	1.89E-19	31179.6318	23803.6316	36110.4536	10850.43675	8837.111789	9337.421495	Fabp4
ENSMUSG00000023015	0.269651171	-1.890833795	1.04E-20	1.90E-19	263.0966	290.562599	283.709949	84.91466056	64.0123029	77.5906444	Racgap1
ENSMUSG00000040345	0.141121626	-2.824989006	1.06E-20	1.93E-19	278.309669	484.270998	327.071731	51.77723205	39.26087911	63.29763095	Arhgap9
ENSMUSG00000021390	2.913300533	1.542654536	1.13E-20	2.06E-19	9555.59693	6545.97424	6866.02854	22444.39455	23028.21259	21445.64574	Ogn
ENSMUSG00000090222	0.110737405	-3.174785469	1.14E-20	2.08E-19	136.022732	207.404953	200.703108	19.67534818	15.3629527	25.52323829	Ifi203-ps
ENSMUSG00000052727	2.588274625	1.371990701	1.24E-20	2.26E-19	5366.63371	5180.23219	7069.20946	15830.37093	15107.75698	14647.27599	Map1b
ENSMUSG00000026896	0.291231215	-1.779763099	1.34E-20	2.44E-19	589.730135	786.5735	573.614438	200.8956604	169.845977	198.0603291	Ifih1
ENSMUSG00000053687	0.084187544	-3.570249396	1.35E-20	2.45E-19	183.451711	289.584274	210.614372	26.92416067	21.3374343	9.188365784	Dpep2
ENSMUSG00000003452	3.18946224	1.673313199	1.36E-20	2.46E-19	204.928985	145.770462	159.819141	544.6964812	566.722255	520.6740611	Bicd1
ENSMUSG00000022434	2.305164727	1.204869849	1.36E-20	2.47E-19	474.28979	470.574445	465.829435	959.9498822	1153.07495	1138.336428	Fam118a
ENSMUSG00000025026	0.455387915	-1.13483209	1.38E-20	2.48E-19	2402.76997	2167.96875	2285.78539	1109.068311	920.9236644	1094.436458	Add3
ENSMUSG00000045903	2.878438383	1.52528633	1.41E-20	2.55E-19	180.767052	146.748787	157.341325	501.2036063	448.9396177	448.1880643	Npas4
ENSMUSG00000005950	3.734595154	1.900951857	1.43E-20	2.58E-19	152.130687	187.838448	196.986384	721.7746148	748.5171952	529.8624269	P2rx5
ENSMUSG00000037824	0.449499143	-1.153609731	1.48E-20	2.67E-19	1201.83243	1247.36469	1257.49169	580.9405436	492.4679836	594.1809873	Tspan14
ENSMUSG00000027669	2.333128834	1.222265974	1.49E-20	2.67E-19	1518.62221	1215.07996	1247.58043	3132.522539	3266.334443	2894.335222	Gnb4
ENSMUSG00000027555	0.187826002	-2.412531298	1.64E-20	2.95E-19	243.4091	203.491652	179.641671	40.386241	43.52836597	33.69067454	Car13
ENSMUSG00000026222	0.330459735	-1.597453597	1.69E-20	3.03E-19	1579.47449	2184.60028	1790.22216	589.2249007	549.6523075	697.29487	Sp100
ENSMUSG00000029570	0.303456553	-1.720438121	1.75E-20	3.13E-19	1060.44038	1263.0179	1258.7306	445.2841956	344.8129383	297.0904937	Lfng

ENSMUSG00000001657	0.172741513	-2.533313264	1.80E-20	3.22E-19	1021.96026	1447.92137	2244.90143	270.2771513	262.0236932	281.7765507	Hoxc8
ENSMUSG00000029671	9.131112775	3.190790687	1.82E-20	3.25E-19	43.8494334	38.1546847	97.8737377	446.3197403	600.8621499	576.8251853	Wnt16
ENSMUSG00000056445	5.12679787	2.358058019	1.86E-20	3.31E-19	56.3778429	39.1330099	38.4061503	208.1444728	253.4887195	229.7091446	Hoxaas2
ENSMUSG00000026825	0.239119813	-2.064194423	1.88E-20	3.35E-19	1756.66199	1119.20408	1381.3825	403.86241	272.2656617	343.0323226	Dnm1
ENSMUSG00000039476	0.200603868	-2.317578668	1.94E-20	3.45E-19	221.931826	254.364565	325.832823	57.9904999	47.79585283	55.1301947	Prrx2
ENSMUSG00000032332	0.145646144	-2.779460588	1.96E-20	3.48E-19	7079.44627	3001.50186	3569.29416	725.9167934	588.9131867	673.8134908	Col12a1
ENSMUSG00000040714	7.238625469	2.855715772	1.99E-20	3.53E-19	42.954547	21.5231555	38.4061503	205.0378389	283.3611275	255.2323829	Klc3
ENSMUSG00000001053	0.296995165	-1.75148865	2.01E-20	3.56E-19	284.573874	326.760633	354.327709	100.4478302	92.17771617	93.9255169	N4bp3
ENSMUSG00000029417	0.054736223	-4.191360315	2.20E-20	3.89E-19	248.778418	1063.43955	729.716855	37.27960708	36.70038699	37.77439267	Cxcl9
ENSMUSG00000054728	4.204043417	2.071777569	2.24E-20	3.97E-19	299.786942	364.915318	542.641736	1634.089444	1587.505112	1841.756875	Phactr1
ENSMUSG00000079547	0.169005499	-2.564857908	2.30E-20	4.06E-19	595.994339	1246.38637	939.092319	149.1184283	177.5274534	142.9301344	H2-DMb1
ENSMUSG00000024085	0.446373895	-1.163675437	2.42E-20	4.27E-19	3951.81832	3177.60041	3573.01088	1711.755292	1520.932317	1545.687311	Man2a1
ENSMUSG00000026872	0.47942244	-1.060630658	2.51E-20	4.43E-19	5057.00302	4467.03309	4767.31826	2369.326139	2053.514677	2430.833215	Zeb2
ENSMUSG00000086389	10.85176113	3.439857292	2.66E-20	4.69E-19	18.7926143	12.7182282	7.43344844	125.3009016	156.1900191	152.1185002	Gm15998
ENSMUSG00000098424	4.747019465	2.247021966	2.69E-20	4.74E-19	49.2187517	37.1763594	59.4675875	229.8909103	239.8327615	217.4579902	Gm27202
ENSMUSG00000019326	2.169390252	1.117289603	2.85E-20	5.02E-19	5719.21895	4463.11978	5065.89511	10921.88933	11329.32412	10830.02047	Aoc3
ENSMUSG00000035829	4.119715606	2.042544748	2.87E-20	5.05E-19	51.9034109	49.8945877	56.9897713	238.1752674	203.1323745	211.332413	Ppp1r26
ENSMUSG00000026463	2.340160127	1.226607251	2.96E-20	5.20E-19	4597.03141	3713.72264	3493.72076	9254.662457	9443.094923	8934.15433	Atp2b4
ENSMUSG00000015355	0.230766687	-2.115493122	3.08E-20	5.41E-19	281.889215	361.002017	253.976155	66.27485703	74.25427136	66.36041955	Cd48
ENSMUSG00000040138	11.89777509	3.572619906	3.13E-20	5.48E-19	8.94886395	11.739903	11.1501727	100.4478302	133.14559	142.9301344	Ndp
ENSMUSG00000009585	0.376050554	-1.411001472	3.30E-20	5.78E-19	997.798331	1202.36173	1001.03772	374.86716	453.2071045	374.6811381	Apobec3
ENSMUSG00000039706	0.368534661	-1.440127781	3.39E-20	5.92E-19	892.201736	861.904544	909.358525	383.1515172	320.9150119	277.6928326	Ldb2
ENSMUSG00000005360	0.140706094	-2.829243282	3.55E-20	6.20E-19	1743.2387	982.23855	1085.28347	254.7439817	149.3620401	132.7208391	Slc1a3
ENSMUSG00000039621	0.35319762	-1.501452472	3.69E-20	6.43E-19	686.377865	901.037554	717.327774	265.0994281	265.4376827	283.8184098	Prex1
ENSMUSG00000039349	0.354521538	-1.496054816	3.74E-20	6.52E-19	1669.85801	1773.70368	2144.54987	698.9926327	560.7477734	721.7971788	C130074G19Rik
ENSMUSG00000071042	0.233535246	-2.098287794	3.92E-20	6.83E-19	447.443198	479.379372	385.300411	93.19901769	130.5850979	81.67436252	Rasgrp3
ENSMUSG00000016756	0.399787503	-1.32269472	4.07E-20	7.07E-19	800.923324	737.657237	745.82266	314.8055709	266.2911801	333.8439568	Cmah
ENSMUSG00000031480	0.308858154	-1.694983674	4.28E-20	7.43E-19	485.923313	439.268037	375.389146	144.9762497	121.1966268	136.8045572	Thsd1
ENSMUSG00000102752	2.327156989	1.218568538	4.42E-20	7.66E-19	262.201714	238.711361	273.798684	584.0471775	606.8366315	609.4949303	Gm7694
ENSMUSG00000026928	0.084995491	-3.556469875	4.46E-20	7.73E-19	124.389209	214.253229	227.959085	11.39099105	16.21645007	20.41859063	Card9
ENSMUSG00000021876	0.406359499	-1.299171475	4.60E-20	7.96E-19	5842.71328	4692.04789	5161.29103	2311.335639	1850.382302	2218.479872	Rnase4
ENSMUSG00000036139	0.16913429	-2.563758913	4.65E-20	8.05E-19	485.923313	610.474955	966.348297	129.4430801	104.9801768	114.3441075	Hoxc9
ENSMUSG00000021190	0.362006878	-1.465910985	5.82E-20	1.00E-18	4250.71038	5754.50911	6180.91237	1944.752836	1970.725432	1942.828898	Lgmn
ENSMUSG00000028487	0.10859312	-3.202995398	6.91E-20	1.19E-18	236.250008	136.965535	226.720177	23.81752674	24.75142379	16.3348725	Bnc2
ENSMUSG00000032609	2.142385609	1.099218175	7.43E-20	1.28E-18	732.911958	706.35083	858.563294	1652.729247	1593.479593	1670.240714	Klhdc8b
ENSMUSG00000078640	3.151190489	1.655896968	7.73E-20	1.33E-18	122.599436	112.507404	95.3959216	326.1965619	357.6153989	362.4299837	Gm11627
ENSMUSG00000079334	2.815090303	1.493181202	7.95E-20	1.36E-18	417.01706	459.812867	573.614438	1219.871587	1448.38504	1405.819965	Nat6
ENSMUSG00000008730	2.381758745	1.252027286	8.03E-20	1.38E-18	2838.57965	2390.04858	2204.01746	5612.651954	5621.987189	6475.756018	Hipk1
ENSMUSG00000048078	0.287625174	-1.797738143	8.27E-20	1.42E-18	316.789784	334.587235	400.167307	105.6255534	88.76372668	108.2185303	Tenm4
ENSMUSG00000024190	2.241081925	1.164195389	8.43E-20	1.44E-18	4603.29562	4726.28928	5115.45143	11897.37238	9306.535344	11166.92722	Dusp1
ENSMUSG00000093954	50.39346246	5.65516468	8.49E-20	1.45E-18	3.57954558	2.93497575	0	114.9454552	120.3431294	120.4696847	Gm16867
ENSMUSG00000039037	0.147971665	-2.756607157	8.50E-20	1.45E-18	180.767052	157.510365	239.109258	33.13742851	23.89792642	28.58602688	St6galnac5
ENSMUSG00000020415	2.199014359	1.136857025	8.75E-20	1.49E-18	569.147747	670.152795	688.832888	1476.686658	1396.321701	1361.919995	Pttg1
ENSMUSG00000013033	2.310639621	1.208292267	9.49E-20	1.62E-18	2140.56826	1803.05343	2295.69666	4904.33942	4406.606931	5102.605799	Adgrl1
ENSMUSG00000040751	0.128885918	-2.955833449	1.05E-19	1.79E-18	175.397733	302.302502	203.180924	35.20851779	28.16541327	24.50230876	Lat2
ENSMUSG00000037725	0.168090908	-2.572686406	1.07E-19	1.82E-18	132.443187	146.748787	152.385693	25.88861603	21.3374343	25.52323829	Ckap2
ENSMUSG00000022014	0.12089272	-3.04820073	1.11E-19	1.88E-18	289.048306	661.347868	540.16392	59.02604454	71.69377925	49.00461751	Epsti1
ENSMUSG00000029762	0.319164382	-1.647628434	1.14E-19	1.93E-18	549.460247	489.162624	542.641736	200.8956604	142.5340611	162.3277955	Akr1b8
ENSMUSG00000031075	3.362774038	1.74965184	1.14E-19	1.94E-18	930.681851	650.58629	578.57007	2434.565451	2543.422168	2294.028657	Ano1
ENSMUSG00000008496	0.096714922	-3.370117698	1.15E-19	1.95E-18	411.647742	760.158718	1107.58382	68.34594631	97.2987004	54.10926517	Pou2f2
ENSMUSG00000034641	0.192220591	-2.37916521	1.15E-19	1.95E-18	349.005694	598.735052	581.047886	100.4478302	85.3497372	108.2185303	Cd300ld
ENSMUSG00000029470	0.392580175	-1.348940774	1.16E-19	1.96E-18	1270.73868	1420.52826	1653.94228	525.021133	565.0152602	614.599578	P2rx4
ENSMUSG00000037936	0.40360677	-1.308977719	1.17E-19	1.98E-18	1086.39208	946.040515	935.375595	429.751026	352.4944146	417.5601784	Scarb1
ENSMUSG00000040111	0.261776153	-1.933594419	1.24E-19	2.09E-18	469.815358	358.067041	341.938628	103.5544641	111.8081557	90.86272831	Gramd1b
ENSMUSG00000052776	0.076291786	-3.712328453	1.34E-19	2.26E-18	197.769893	534.165586	496.802137	38.31515172	23.04442904	32.66974501	Oas1a
ENSMUSG00000002668	0.161393079	-2.631349383	1.42E-19	2.39E-18	186.13637	293.497575	268.843052	43.49287492	45.23536071	31.64881548	Dennd1c
ENSMUSG00000090231	0.14696562	-2.766449396	1.45E-19	2.43E-18	416.122174	678.957723	713.61105	94.23456233	58.89131867	113.323178	Cfb
ENSMUSG00000020437	0.179263798	-2.479843928	1.50E-19	2.51E-18	405.383537	703.415854	439.812366	75.59475879	100.7126899	101.0720236	Myo1g
ENSMUSG00000048332	2.129929629	1.090805766	1.51E-19	2.53E-18	3622.50013	2900.73436	3575.4887	7269.52338	7165.110438	7072.999794	Lhfp
ENSMUSG00000022791	2.179376979	1.123915769	1.65E-19	2.76E-18	1157.08811	1155.40212	1179.44049	2336.18871	2388.939144	2885.146856	Tnk2
ENSMUSG00000065701	369.7258406	8.530312068	1.76E-19	2.95E-18	0.8948864	1.9566505	0	519.8434098	166.4319875	435.93691	Rny1
ENSMUSG00000026786	0.296225135	-1.755234034	1.78E-19	2.98E-18	493.97729	689.7193	661.576911	178.1136783	166.4319875	202.1440472	Apbb1ip
ENSMUSG00000024098	2.389199019	1.256527035	1.86E-19	3.10E-18	4031.46321	3163.90385	3148.06541	8144.558602	8860.156218	7713.122611	Twsg1
ENSMUSG00000031431	0.319302155	-1.647005807	1.98E-19	3.30E-18	5140.22746	4148.09905	3600.26686	1604.058649	1338.283879	1174.068961	Tsc22d3
ENSMUSG00000027306	4.592976977	2.199429552	2.15E-19	3.58E-18	139.602278	173.163569	166.013682	878.1418556	809.969006	508.4229067	Nusap1
ENSMUSG00000022332	2.128003684	1.089500648	2.26E-19	3.76E-18	736.491503	697.545902	846.174214	1633.053899	1666.880367	1545.687311	Khdrbs3
ENSMUSG00000029771	0.168153065	-2.572153023	2.31E-19	3.84E-18	426.860811	855.056267	844.935306	125.3009016	117.7826373	114.3441075	Irf5
ENSMUSG00000062380	0.151912995	-2.718682811	2.43E-19	4.03E-18	119.914777	141.857161	138.757704	22.7819821	18.77694218	19.3976611	Tubb3
ENSMUSG00000022901	0.088260005	-3.502096357	2.49E-19	4.13E-18	179.872165	306.215803	301.054662	34.17297315	23.04442904	12.25115438	Cd86
ENSMUSG00000021613	17.63731493	4.14055904	2.54E-19	4.21E-18	14.3181823	6.84827674	3.71672422	151.1895176	186.0624271	117.4068961	Hapln1
ENSMUSG00000030087	3.101286129	1.632866637	2.55E-19	4.22E-18	521.718769	374.69857	391.494951	1336.888132	1493.620401	1167.943384	Klf15
ENSMUSG00000040151	0.444716641	-1.169041704	2.79E-19	4.62E-18	1102.50004	943.10554	1050.59405	422.5022135	471.1305493	482.8996684	Hs2st1
ENSMUSG00000089929	0.04706239	-4.409281614	2.79E-19	4.62E-18	100.227276	288.605948	221.764545	9.319901769	11.09546584	8.167436252	Bcl2a1b
ENSMUSG00000037872	0.277957505	-1.847063759	2.80E-19	4.63E-18	304.261374	398.178376	395.211675	113.9099105	98.15219778	92.90458737	Ackr1
ENSMUSG00000019256	0.244912442	-2.029662028	2.86E-19	4.72E-18	527.982973	459.812867	358.044433	117.0165444	91.3242188	122.5115438	Ahr
ENSMUSG00000090084	0.263343227	-1.924983738	2.91E-19	4.80E-18	1659.11938	985.173525	1240.14698	357.2629012	308.1125513	358.3462656	Srpx
ENSMUSG00000039994	0.247433961	-2.014884567	3.06E-19	5.04E-18	281.889215	375.676895	386.539319	92.16347305	93.03121354	72.48599674	Timeless
ENSMUSG00000001661	0.340877731	-1.552673742	3.14E-19	5.17E-18	639.843773	567.428644	780.512086	224.7131871	218.4953272	233.7928627	Hoxc6
ENSMUSG00000028469	2.35897979	1.238163059	3.21E-19	5.27E-18	1366.49153	1099.63758	1032.01042	2803.219343	2772.159464	2684.023738	Npr2
ENSMUSG00000035969	2.054810595	1.039005417	3.23E-19	5.29E-18	1616.16483	1399.00511	1315.72037	3036.216887	2936.884457	2933.130544	Rusc2
ENSMUSG00000069601	0.250389387	-1.997754681	3.25E-19	5.33E-18	501.136381	773.855272	756.972832	192.6113032	157.8970138	158.2440774	Ank3
ENSMUSG00000010476	0.264861263	-1.916691237	3.26E-19	5.34E-18	618.366499	446.116313	447.245814	153.2606069	119.4896321	128.637121	Ebf3
ENSMUSG00000078974	3.34361043	1.741406766	3.30E-19	5.39E-18	748.125027	999.848404	1190.59066	3500.140887	3490.804251	2824.912014	Sec61g
ENSMUSG00000043342	0.174591959	-2.517940977	3.32E-19	5.42E-18	192.400575	276.866045	250.259431	49.70614277	31.57940276	44.92089939	Hoxd9
ENSMUSG00000028337	0.138910053	-2.847777081	3.35E-19	5.46E-18	204.034098	321.869007	261.409603	45.5639642	40.11437648	23.48137923	Coro2a
ENSMUSG00000026574	0.268008393	-1.899649915	3.50E-19	5.70E-18	11664.8442	10510.1481	16377.1258	4181.52926	2867.75117	3283.309373	Dpt
ENSMUSG00000004707	0.145246214	-2.783427533	3.51E-19	5.72E-18	222.826712	383.503497	349.372076	52.81277669	52.91683706	32.66974501	Ly9
ENSMUSG00000033355	0.142107077	-2.81494969	3.82E-19	6.21E-18	430.440356	930.387311	750.778292	89.05683913	83.64274245	127.6161914	Rtp4
ENSMUSG00000052629	4.264984086	2.092540358	4.10E-19	6.67E-18	42.954547	56.7428644	56.9897713	199.8601157	233.8582799	230.7300741	Gm9885
ENSMUSG00000001366	2.294831243	1.198388065	4.14E-19	6.74E-18	708.750025	698.524228	574.853346	1435.264872	1491.913406	1628.382603	Fbxo9
ENSMUSG00000046814	23.33385627	4.544352849	4.19E-19	6.81E-18	7.15909116	1.9566505	8.67235651	180.1847675	110.9546584	116.3859666	Gchfr
ENSMUSG00000054556	4.731209799	2.242209136	4.33E-19	7.03E-18	45.6392062	39.1330099	47.0785068	173.9714997	229.5907931	218.4789197	Gm4876
ENSMUSG00000006731	0.280437819	-1.834247174	4.62E-19	7.48E-18	439.38922	569.385295	629.365301	131.5141694	159.6040086	167.4324432	B4galnt1

ENSMUSG00000015568	0.235165117	-2.088254019	4.67E-19	7.56E-18	18891.9467	18068.689	30788.1045	6123.175462	5489.695097	4318.531918	Lpl
ENSMUSG00000074971	7.256406936	2.859255364	4.87E-19	7.88E-18	581.676157	338.500536	992.365366	4673.412965	4764.22233	4425.729519	Fibin
ENSMUSG00000022952	0.195917459	-2.351682127	4.98E-19	8.04E-18	762.443209	993.000127	1536.24601	229.8909103	196.3043956	218.4789197	Runx1
ENSMUSG00000047407	0.412871122	-1.27623658	5.06E-19	8.17E-18	488.607972	501.880853	541.402828	195.7179372	220.202322	215.4161312	Tgif1
ENSMUSG00000002847	0.135144109	-2.887429471	5.16E-19	8.33E-18	204.928985	250.451264	351.849893	48.67059813	29.01891065	31.64881548	Pla1a
ENSMUSG00000071818	39.88953999	5.317938581	5.22E-19	8.42E-18	4.47443198	1.9566505	1.23890807	103.5544641	102.4196846	116.3859666	4930417O22Rik
ENSMUSG00000041219	0.213115748	-2.230290892	5.63E-19	9.07E-18	263.991487	329.695609	255.215063	72.48812487	46.08885809	63.29763095	Arhgap11a
ENSMUSG00000025038	27.94329706	4.804430351	5.94E-19	9.55E-18	5.36931837	3.91330099	2.47781615	89.05683913	141.6805637	107.1976008	Efhc2
ENSMUSG00000060206	0.262883997	-1.927501776	6.13E-19	9.84E-18	381.221604	268.061118	317.160467	82.84357128	83.64274245	87.79993971	Zfp462
ENSMUSG00000054717	0.348438862	-1.521022557	6.46E-19	1.04E-17	632.684682	851.142966	755.733924	244.3885353	250.07473	285.8602688	Hmgb2
ENSMUSG00000009281	2.126332478	1.088367197	7.03E-19	1.13E-17	1942.79836	1559.45045	1610.58049	3543.633762	3730.637013	3601.839387	Rarres2
ENSMUSG00000020390	3.113062219	1.638334411	7.09E-19	1.14E-17	2217.52849	3463.27138	2876.74454	8383.769414	10025.18013	8227.671095	Ube2b
ENSMUSG00000082361	6.482192744	2.696481919	7.15E-19	1.14E-17	28.6363647	44.0246362	56.9897713	241.2819014	337.9849593	251.1486648	Btc
ENSMUSG00000050105	0.205018313	-2.286175312	7.70E-19	1.23E-17	417.01706	731.787286	747.061568	136.6918926	127.1711084	124.5534028	Grrp1
ENSMUSG00000033083	0.349607788	-1.516190773	7.91E-19	1.26E-17	735.596617	753.310441	572.37553	259.9217049	238.1257668	223.5835674	Tbc1d4
ENSMUSG00000063626	26.28732881	4.716295644	8.37E-19	1.34E-17	2.68465919	7.82660199	3.71672422	102.5189195	165.5784902	106.1766713	Unc5d
ENSMUSG00000021732	0.103173564	-3.276854734	8.55E-19	1.36E-17	106.491481	105.659127	125.129715	9.319901769	10.24196846	15.31394297	Fgf10
ENSMUSG00000092741	3.497859746	1.806472442	8.61E-19	1.37E-17	132.443187	130.117258	89.2013812	415.253401	384.0738174	438.9996986	Mir3074-1
ENSMUSG00000020407	0.121790939	-3.037521287	8.69E-19	1.38E-17	180.767052	218.16653	123.890807	23.81752674	18.77694218	21.43952016	Upp1
ENSMUSG00000032231	0.46046122	-1.118848438	8.88E-19	1.41E-17	9931.44922	11592.1759	12884.644	5492.528776	5243.887853	5105.668587	Anxa2
ENSMUSG00000023991	2.054855207	1.03903674	9.61E-19	1.53E-17	721.278435	705.372504	739.628119	1526.392801	1339.990874	1585.503562	Foxp4
ENSMUSG00000060216	0.303956245	-1.718064434	9.63E-19	1.53E-17	990.63924	1452.81299	1518.9013	394.5425082	380.6598279	428.7904032	Arrb2
ENSMUSG00000041120	0.417865545	-1.258889287	1.04E-18	1.64E-17	4705.31267	4600.08532	5607.29794	2331.010987	1832.458858	2068.403231	Nbl1
ENSMUSG00000038517	0.438203868	-1.190325876	1.10E-18	1.75E-17	788.394914	777.768573	730.955763	368.6538922	303.8450644	335.8858159	Tbkbp1
ENSMUSG00000040420	31.77832223	4.989971053	1.11E-18	1.76E-17	2.68465919	2.93497575	3.71672422	99.41228554	95.59170566	96.98830549	Cdh18
ENSMUSG00000006538	25.51674369	4.673372327	1.13E-18	1.78E-17	1.78977279	3.91330099	7.43344844	120.1231784	93.88471092	103.1138827	Ihh
ENSMUSG00000031673	0.210135784	-2.250606238	1.13E-18	1.78E-17	2677.5001	1368.67702	1608.10268	381.0804279	434.4301623	372.639279	Cdh11
ENSMUSG00000020227	0.366997405	-1.446158232	1.19E-18	1.87E-17	537.826724	497.967552	470.785068	171.9004104	170.6994744	211.332413	Irak3
ENSMUSG00000027035	0.315512322	-1.664231745	1.21E-18	1.91E-17	465.340926	556.667066	469.54616	187.43358	139.1200716	144.9719935	Cers6
ENSMUSG00000046714	2.60224637	1.379757557	1.28E-18	2.01E-17	403.593764	406.004978	537.686104	1154.632275	1117.22806	1226.136367	Foxc2
ENSMUSG00000029321	0.262943786	-1.927173692	1.33E-18	2.10E-17	268.465919	235.776385	208.136556	60.06158918	62.30530815	65.33949002	Slc10a6
ENSMUSG00000086825	0.22528517	-2.150175745	1.51E-18	2.37E-17	250.568191	310.129104	219.286729	54.88386597	67.42629239	53.08833564	Gm15675
ENSMUSG00000049988	0.111294729	-3.167542831	1.57E-18	2.47E-17	171.818188	334.587235	292.382305	31.06633923	20.48393693	37.77439267	Lrrc25
ENSMUSG00000000275	0.286623906	-1.802769152	1.64E-18	2.57E-17	1184.82959	1660.21795	2008.26999	452.5330081	466.0095651	471.6694436	Trim25
ENSMUSG00000087484	3.840386537	1.941251526	1.67E-18	2.61E-17	94.8579579	61.6344907	79.2901166	293.0591334	322.6220066	290.9649165	2900089D17Rik
ENSMUSG00000021036	0.447694763	-1.159412653	1.76E-18	2.75E-17	1712.81256	1584.8869	1361.55997	719.7035255	704.9888292	662.583266	Sptlc2
ENSMUSG00000061100	0.167298555	-2.57950311	1.78E-18	2.78E-17	1127.55686	1958.60715	1463.15043	340.6941869	256.0492116	164.3696546	Retnla
ENSMUSG00000090394	2.240450375	1.163788772	1.87E-18	2.91E-17	1272.52845	1175.94695	1526.33475	2984.439655	3081.97901	2831.037591	4930523C07Rik
ENSMUSG00000040428	0.366468453	-1.448239083	1.94E-18	3.02E-17	933.36651	923.539035	764.406281	361.4050797	276.5331485	324.655591	Plekha4
ENSMUSG00000037754	0.404750166	-1.304896422	2.03E-18	3.16E-17	540.511383	538.078887	472.023976	221.6065532	211.6673482	194.9975405	Ppp1r16b
ENSMUSG00000091971	4.108949379	2.038769557	2.04E-18	3.18E-17	442.073879	395.2434	499.279953	2093.871264	1240.131681	2156.203171	Hspa1a
ENSMUSG00000055805	0.230992558	-2.114081723	2.05E-18	3.19E-17	439.38922	647.651315	405.12294	120.1231784	100.7126899	124.5534028	Fmnl1
ENSMUSG00000027692	3.156475849	1.658314713	2.33E-18	3.61E-17	260.411941	301.324177	199.4642	734.2011505	786.924577	888.2086924	Tnik
ENSMUSG00000030772	2.331661214	1.221358183	2.56E-18	3.97E-17	4070.83821	3053.3531	4007.86761	8431.404467	8893.442616	8628.8964	Dkk3
ENSMUSG00000039131	5.731082773	2.518807733	2.60E-18	4.03E-17	26.8465919	29.3497575	32.2116099	198.8245711	164.7249928	140.8882754	Gipc2
ENSMUSG00000030047	0.235492297	-2.086248225	2.69E-18	4.16E-17	225.511372	338.500536	299.815754	66.27485703	66.57279501	70.44413768	Arhgap25
ENSMUSG00000021009	2.024590472	1.017630113	2.71E-18	4.19E-17	648.792637	632.976436	672.727083	1326.532685	1417.659135	1209.801495	Ptpn21
ENSMUSG00000076431	0.200803166	-2.316146077	2.85E-18	4.41E-17	767.812527	797.335078	1356.60434	197.7890264	161.3110033	227.6672855	Sox4
ENSMUSG00000110071	5.868884732	2.553086373	3.17E-18	4.89E-17	27.7414783	31.306408	22.3003453	163.6160533	180.9414429	135.7836277	Gm45512
ENSMUSG00000021567	0.248607344	-2.00805918	3.26E-18	5.02E-17	507.400586	370.785269	328.310639	105.6255534	93.03121354	102.0929532	Nkd2
ENSMUSG00000043085	13.10094763	3.711599265	3.28E-18	5.05E-17	25.9517055	11.739903	38.4061503	258.8861603	253.4887195	473.7113026	Tmem82
ENSMUSG00000031805	0.251647732	-1.990522499	3.69E-18	5.68E-17	953.054011	782.660199	691.310705	241.2819014	148.5085427	222.5626379	Jak3
ENSMUSG00000004677	2.143857978	1.100209336	4.27E-18	6.55E-17	3339.71603	2827.35997	2798.69334	6964.037711	6438.784174	5823.382048	Myo9b
ENSMUSG00000003534	2.052531459	1.037404334	4.29E-18	6.58E-17	814.34662	758.202068	693.788521	1658.942515	1469.722475	1529.352438	Ddr1
ENSMUSG00000027322	0.172757828	-2.533177011	4.54E-18	6.94E-17	318.579557	451.00794	241.587074	53.84832133	66.57279501	54.10926517	Siglec1
ENSMUSG00000044550	4.340868228	2.117983629	4.59E-18	7.02E-17	143.181823	82.1793209	154.863509	536.412124	567.5757524	542.1135812	Tceal3
ENSMUSG00000014158	0.425220571	-1.233716704	4.97E-18	7.58E-17	475.184676	502.859178	514.14685	227.819821	199.718385	207.2486949	Trpv4
ENSMUSG00000073758	2.743438125	1.455985038	4.96E-18	7.58E-17	161.974438	138.922185	127.607531	382.1159725	391.7552937	406.3299535	Sh3d21
ENSMUSG00000036655	0.390384199	-1.357033434	5.12E-18	7.80E-17	386.590923	403.070002	437.33455	163.6160533	166.4319875	148.0347821	Colec11
ENSMUSG00000059326	0.257188067	-1.95910439	5.17E-18	7.88E-17	788.394914	1065.3962	634.320933	237.1397228	190.3299139	213.3742721	Csf2ra
ENSMUSG00000001240	0.435268433	-1.2000227	5.65E-18	8.60E-17	1805.88075	2060.35297	1787.74435	915.4214627	719.4982846	827.9738501	Ramp2
ENSMUSG00000038668	0.255481284	-1.968710486	6.24E-18	9.49E-17	1468.50857	1490.96768	2386.13695	505.3457848	386.6343095	473.7113026	Lpar1
ENSMUSG00000033857	0.366998675	-1.446153239	6.36E-18	9.66E-17	516.34945	490.14095	558.747541	215.3932853	163.8714954	196.0184701	Engase
ENSMUSG00000055632	0.237205954	-2.075787871	6.38E-18	9.68E-17	3194.74443	2061.3313	2028.09251	649.2864899	432.7231676	647.269323	Hmcn2
ENSMUSG00000026228	0.196905763	-2.344422759	6.47E-18	9.80E-17	341.846603	288.605948	219.286729	67.31040167	55.47732918	44.92089939	Htr2b
ENSMUSG00000024521	0.080192506	-3.640388763	6.59E-18	9.98E-17	175.397733	215.231555	281.232132	7.248812487	17.92344481	28.58602688	Pmaip1
ENSMUSG00000021457	0.35596534	-1.490191323	6.62E-18	1.00E-16	914.573896	1137.79226	1058.02749	346.9074547	436.9906544	321.5928024	Syk
ENSMUSG00000078532	0.128108467	-2.964562269	8.11E-18	1.23E-16	127.968755	138.922185	105.307186	12.42653569	19.63043956	15.31394297	Nkain1
ENSMUSG00000034354	2.22413217	1.153242523	8.14E-18	1.23E-16	1647.48585	1375.5253	1245.10261	3092.136298	3227.927061	3180.195491	Mtmr3
ENSMUSG00000009376	0.317151418	-1.6567563	8.65E-18	1.31E-16	553.039792	678.957723	538.925012	205.0378389	152.7760296	205.2068358	Met
ENSMUSG00000020601	0.488517048	-1.033519185	9.38E-18	1.41E-16	757.968777	799.291728	835.024041	408.0045886	388.3413042	371.6183495	Trib2
ENSMUSG00000035296	9.152285563	3.194132067	9.61E-18	1.45E-16	190.610802	501.880853	161.058049	2677.918442	2809.713349	2331.80305	Sgcg
ENSMUSG00000032400	4.893167855	2.290768774	9.64E-18	1.45E-16	98.4375035	89.0275976	55.7508633	476.3505349	327.7429908	395.0997287	Zwilch
ENSMUSG00000035352	0.043350029	-4.527823224	1.01E-17	1.52E-16	150.340914	265.126142	333.266272	16.56871426	13.65595795	2.041859063	Ccl12
ENSMUSG00000031165	0.212881226	-2.231879368	1.05E-17	1.57E-16	193.295461	256.321215	206.897648	54.88386597	37.55388437	47.98368798	Was
ENSMUSG00000031506	0.170445856	-2.552614567	1.06E-17	1.59E-16	171.818188	282.735997	242.825982	42.45733028	44.38186334	31.64881548	Ptpn7
ENSMUSG00000039481	4.738704214	2.244492612	1.15E-17	1.73E-16	79.6448892	67.5044422	130.085348	395.5780529	462.5955756	445.1252757	Nrtn
ENSMUSG00000020644	2.125386427	1.087725169	1.17E-17	1.74E-16	1631.3779	2012.41504	1890.57372	4250.910751	3664.064218	3845.841545	Id2
ENSMUSG00000034593	0.357402401	-1.484378767	1.17E-17	1.74E-16	2111.03701	1607.38838	1444.56681	587.1538115	606.8366315	652.3739706	Myo5a
ENSMUSG00000034422	0.356402826	-1.48841932	1.17E-17	1.75E-16	1294.90061	1940.99729	1577.12998	584.0471775	561.6012708	569.6786786	Parp14
ENSMUSG00000048503	4.151684933	2.053696963	1.20E-17	1.78E-16	213.877849	117.39903	168.491498	600.6158918	762.1731532	713.6297425	Tmem136
ENSMUSG00000030157	0.322884162	-1.630911418	1.23E-17	1.83E-16	1898.05404	2702.13434	3076.20874	804.6181861	839.841414	833.0784977	Clec2d
ENSMUSG00000023088	2.367832661	1.243567127	1.23E-17	1.83E-16	1406.76141	1136.81394	1024.57698	2729.695674	2866.044175	2860.644547	Abcc1
ENSMUSG00000033192	0.215129028	-2.21672589	1.33E-17	1.97E-16	314.105125	435.354736	289.904489	86.98574985	58.89131867	78.61157393	Lpcat2
ENSMUSG00000024578	20.00177762	4.322056318	1.40E-17	2.08E-16	6.26420477	0.97832525	9.91126458	118.0520891	107.5406689	105.1557417	Il17b
ENSMUSG00000036777	2.705499688	1.435895075	1.42E-17	2.10E-16	395.539787	381.546847	317.160467	962.0209715	1138.565494	863.7063837	Anln
ENSMUSG00000003418	0.23108213	-2.113522395	1.50E-17	2.22E-16	343.636376	271.974419	223.003453	68.34594631	66.57279501	59.21391283	St8sia6
ENSMUSG00000041431	0.132918245	-2.911388944	1.65E-17	2.44E-16	101.122163	127.182282	121.412991	15.53316962	12.80246058	18.37673157	Ccnb1
ENSMUSG00000001750	0.389747566	-1.359388082	1.71E-17	2.52E-16	2215.73872	3022.04669	2853.20529	1085.250784	941.4076013	1127.106203	Tcirg1
ENSMUSG00000022587	0.320766399	-1.640405071	1.72E-17	2.53E-16	7759.55993	12627.244	12115.282	3493.927619	3382.410085	3548.751052	Ly6e
ENSMUSG00000025017	0.164296068	-2.60563014	1.76E-17	2.59E-16	237.144895	319.912356	182.119487	35.20851779	37.55388437	49.00461751	Pik3ap1
ENSMUSG00000028461	2.531263131	1.339857487	1.76E-17	2.59E-16	535.142064	646.672989	724.761222	1436.300417	1675.415341	1706.994177	Ccdc107
ENSMUSG00000109143	11.82573295	3.563857698	1.87E-17	2.75E-16	10.7386367	10.7615777	7.43344844	84.91466056	130.5850979	130.67898	Gm10046

ENSMUSG00000038235	0.490089902	-1.028881674	2.00E-17	2.93E-16	1499.8296	1788.37855	1681.19825	804.6181861	772.4151216	858.601736	F11r
ENSMUSG00000027833	0.348196978	-1.522024414	2.08E-17	3.04E-16	914.573896	912.777457	1240.14698	384.1870618	319.2080171	364.4718428	Shox2
ENSMUSG00000030278	0.169974305	-2.556611423	2.17E-17	3.18E-16	5798.86384	3095.42109	5900.91915	1164.987721	731.4472478	618.6832961	Cidec
ENSMUSG00000053411	2.150817422	1.104885063	2.18E-17	3.19E-16	834.034121	769.941971	717.327774	1533.641613	1614.817028	1848.903382	Cbx7
ENSMUSG00000020108	0.358035268	-1.481826387	2.30E-17	3.35E-16	1476.56255	1399.98343	1255.01388	428.7154814	605.1296367	444.1043462	Ddit4
ENSMUSG00000032656	3.381443423	1.757639215	2.35E-17	3.43E-16	187.926143	141.857161	157.341325	621.3267846	584.6456998	443.0834167	3-Mar
ENSMUSG00000025877	0.100134159	-3.319993891	2.36E-17	3.45E-16	210.298303	377.633546	239.109258	43.49287492	21.3374343	18.37673157	Hk3
ENSMUSG00000021792	2.856728675	1.514364019	2.44E-17	3.54E-16	927.997192	662.326193	1024.57698	2357.935148	2500.7473	2606.433094	Fam213a
ENSMUSG00000032243	0.097826473	-3.353631257	2.44E-17	3.55E-16	1187.51425	642.759688	600.870415	120.1231784	40.96787385	77.5906444	Itga11
ENSMUSG00000029231	0.373729945	-1.41993193	2.57E-17	3.73E-16	3656.50581	2775.50873	2818.51587	1218.836042	981.5219778	1258.806112	Pdgfra
ENSMUSG00000031112	3.381929006	1.757846375	2.71E-17	3.93E-16	81.434662	80.2226704	102.82937	295.1302227	328.5964882	265.4416782	Stk26
ENSMUSG00000031779	0.032698372	-4.934637392	2.89E-17	4.19E-16	72.485798	135.98721	141.23552	3.106633923	5.974481604	2.041859063	Ccl22
ENSMUSG00000029217	0.358473042	-1.480063465	2.91E-17	4.21E-16	389.275582	371.763594	333.266272	115.9809998	136.5595795	139.8673458	Tec
ENSMUSG00000039058	0.23156881	-2.110487146	3.20E-17	4.63E-16	219.247167	163.380317	189.552935	41.42178564	46.08885809	44.92089939	Ak5
ENSMUSG00000097240	21.08492605	4.398140057	3.20E-17	4.63E-16	5.36931837	5.86995149	1.23890807	84.91466056	89.61722406	101.0720236	Gm26614
ENSMUSG00000033538	0.395498674	-1.338255236	3.21E-17	4.63E-16	618.366499	733.743936	726.000131	280.6325977	240.6862589	301.1742118	Casp4
ENSMUSG00000070691	0.141524994	-2.820871228	3.22E-17	4.64E-16	135.127846	203.491652	244.06489	26.92416067	31.57940276	23.48137923	Runx3
ENSMUSG00000029661	0.286732888	-1.802220704	3.29E-17	4.74E-16	161950.276	129536.133	232082.171	54853.83518	45776.47805	49493.64276	Col1a2
ENSMUSG00000029561	0.164300531	-2.605590948	3.47E-17	4.99E-16	947.684693	2039.80814	1775.35527	220.5710085	215.0813377	347.1160407	Oasl2
ENSMUSG00000032735	0.371609534	-1.428140579	3.47E-17	4.99E-16	529.772746	425.571483	535.208287	196.7534818	177.5274534	179.6835975	Ablim3
ENSMUSG00000024338	0.210964602	-2.244927147	3.59E-17	5.16E-16	905.625032	1929.25739	1604.38595	325.1610173	297.8705828	313.4253662	Psmb8
ENSMUSG00000064225	5.934073045	2.569022686	3.60E-17	5.17E-16	136.917618	71.4177432	113.979543	630.6466864	457.4745914	825.931991	Paqr9
ENSMUSG00000027200	0.30165154	-1.729045149	3.61E-17	5.18E-16	1037.17333	733.743936	733.433579	259.9217049	215.0813377	281.7765507	Sema6d
ENSMUSG00000014329	0.321344798	-1.637805978	3.82E-17	5.47E-16	4030.56832	4034.61333	5715.08294	1612.343006	1205.138289	1611.026801	Bicc1
ENSMUSG00000091387	0.192006352	-2.380774059	3.90E-17	5.58E-16	318.579557	224.036482	193.269659	43.49287492	46.08885809	52.06740611	Gcnt4
ENSMUSG00000026605	0.314373263	-1.669449571	3.97E-17	5.68E-16	218.35228	213.274904	214.331097	65.23931238	67.42629239	70.44413768	Cenpf
ENSMUSG00000028716	10.36826065	3.374101987	4.03E-17	5.75E-16	11.6335231	12.7182282	12.3890807	129.4430801	91.3242188	160.2859364	Pdzk1ip1
ENSMUSG00000083457	1114.354822	10.12199296	4.18E-17	5.96E-16	0	0	0	231.9619996	186.9159245	213.3742721	Cyp4b1-ps2
ENSMUSG00000017754	0.34354739	-1.541418973	4.20E-17	5.98E-16	2408.13929	2262.8663	1759.24946	781.836204	603.422642	825.931991	Pltp
ENSMUSG00000028463	4.875952075	2.285683946	4.30E-17	6.12E-16	42.0596606	37.1763594	26.0170695	166.7226872	187.7694218	164.3696546	Car9
ENSMUSG00000053310	6.966413441	2.800416096	4.31E-17	6.12E-16	173.607961	196.643375	341.938628	1556.423595	1069.432207	2324.656543	Nrgn
ENSMUSG00000026581	5.131817964	2.359469996	4.32E-17	6.13E-16	78.7500028	122.290656	110.262818	564.3718294	659.7534685	369.5764904	Sell
ENSMUSG00000039899	2.163848729	1.113599647	4.37E-17	6.20E-16	5618.99168	5190.99377	4522.01447	10782.0908	12277.5597	10121.49538	Fgl2
ENSMUSG00000029468	0.328077209	-1.607892721	4.41E-17	6.25E-16	702.48582	610.474955	499.279953	221.6065532	178.3809507	196.0184701	P2rx7
ENSMUSG00000030222	0.211707511	-2.239855641	4.42E-17	6.26E-16	201.349439	180.990171	164.774774	48.67059813	34.99339225	32.66974501	Rerg
ENSMUSG00000029177	0.264716395	-1.917480543	4.45E-17	6.30E-16	241.619327	287.627623	340.69972	67.31040167	77.66826085	84.73715112	Cenpa
ENSMUSG00000085419	4.373285252	2.128717453	4.69E-17	6.63E-16	46.5340926	34.2413837	49.5563229	170.8648658	200.5718824	196.0184701	Gm11734
ENSMUSG00000031778	0.409238357	-1.288986723	4.75E-17	6.70E-16	844.772757	749.39714	672.727083	280.6325977	320.9150119	326.6974501	Cx3cl1
ENSMUSG00000025950	0.477725897	-1.06574501	5.24E-17	7.38E-16	2437.67054	1952.7372	2213.92873	1103.890587	1054.069254	997.4481523	Idh1
ENSMUSG00000026822	0.158195141	-2.660222811	5.26E-17	7.41E-16	323.948875	556.667066	308.48811	78.70139272	47.79585283	62.27670142	Lcn2
ENSMUSG00000064262	0.322429421	-1.632944702	5.27E-17	7.41E-16	598.678999	544.927163	470.785068	159.4738747	208.2533588	152.1185002	Gimap8
ENSMUSG00000110631	0.194608133	-2.361356093	5.48E-17	7.71E-16	1295.7955	1163.22872	977.498469	254.7439817	130.5850979	284.8393393	Gm42047
ENSMUSG00000004317	0.3519552	-1.506536294	5.56E-17	7.80E-16	356.164785	294.4759	333.266272	114.9454552	109.2476636	122.5115438	Clcn5
ENSMUSG00000044562	0.434989876	-1.200946272	6.09E-17	8.54E-16	1122.18754	1265.95287	1473.0617	573.6917311	540.2638365	564.5740309	Rasip1
ENSMUSG00000031838	0.373010729	-1.422710968	6.33E-17	8.87E-16	1280.58243	1870.55788	1723.32113	615.1135168	593.1806735	609.4949303	Ifi30
ENSMUSG00000071203	0.212806234	-2.232387681	6.63E-17	9.29E-16	228.196031	286.649298	183.358395	54.88386597	45.23536071	49.00461751	Naip5
ENSMUSG00000025232	0.440677225	-1.182205759	6.64E-17	9.29E-16	3819.37514	4327.13257	5067.13402	2064.876014	1793.197979	1964.268419	Hexa
ENSMUSG00000060572	0.207483007	-2.268934911	6.98E-17	9.76E-16	1186.61936	897.124253	1888.0959	258.8861603	258.6097037	306.2788595	Mfap2
ENSMUSG00000021866	3.554815619	1.829774732	7.81E-17	1.09E-15	640.738659	533.187261	345.655352	1753.177077	1821.363392	1837.673157	Anxa11
ENSMUSG00000097451	0.281462566	-1.828985038	7.93E-17	1.11E-15	3788.949	2482.98948	4364.67314	1134.956927	922.6306591	936.1923804	Rian
ENSMUSG00000074227	2.293526195	1.197567385	8.16E-17	1.14E-15	901.1506	1098.65925	1235.19135	2422.138915	2550.250147	2439.000651	Spint2
ENSMUSG00000006403	0.14844868	-2.751963828	8.45E-17	1.18E-15	227.301144	128.160608	187.075119	23.81752674	29.01891065	27.56509735	Adamts4
ENSMUSG00000039953	2.152531349	1.106034249	8.54E-17	1.19E-15	3447.1024	2618.97669	2796.21552	6232.943194	6355.994929	6492.090891	Clstn1
ENSMUSG00000027639	0.319534519	-1.645956301	8.94E-17	1.24E-15	2877.05976	4801.62032	4268.03831	1310.999516	1304.143984	1201.634059	Samhd1
ENSMUSG00000022421	2.639943551	1.400507081	8.95E-17	1.24E-15	377.642059	273.93107	387.778227	910.2437395	931.1656328	899.4389173	Nptxr
ENSMUSG00000029084	0.201752246	-2.309343358	9.09E-17	1.26E-15	346.321035	486.227649	550.075184	110.8032766	103.273182	64.31856049	Cd38
ENSMUSG00000002325	0.409783318	-1.28706684	9.13E-17	1.27E-15	1028.22447	1301.17258	1294.65894	446.3197403	536.849847	500.2554704	Irf9
ENSMUSG00000025780	0.359310461	-1.476697158	9.39E-17	1.30E-15	2343.70747	1869.57955	2182.95602	907.1371055	618.7855947	773.8645849	Itih5
ENSMUSG00000026321	2.049012245	1.034928606	9.71E-17	1.35E-15	425.965924	395.2434	365.477881	783.9072933	839.841414	811.6389776	Tnfrsf11a
ENSMUSG00000034786	0.231381715	-2.111653234	9.81E-17	1.36E-15	351.690353	561.558693	593.436967	118.0520891	129.7316005	100.0510941	Gpsm3
ENSMUSG00000041361	0.350342586	-1.513161728	1.02E-16	1.41E-15	374.062513	335.56556	304.771386	129.4430801	113.5151505	113.323178	Myzap
ENSMUSG00000024972	0.150610775	-2.731103111	1.03E-16	1.43E-15	812.556847	373.720245	590.959151	115.9809998	66.57279501	85.75808065	Lgals12
ENSMUSG00000023046	0.327456177	-1.610626247	1.05E-16	1.45E-15	3730.78138	3826.23005	4882.53671	1598.880926	1048.094773	1427.259485	Igfbp6
ENSMUSG00000069769	2.138220328	1.09641052	1.08E-16	1.48E-15	723.068207	920.604059	800.334615	1669.297961	1831.60536	1723.329049	Msi2
ENSMUSG00000022186	2.158911666	1.110304215	1.19E-16	1.64E-15	5460.59678	5689.93965	6975.05245	12703.02611	14120.26052	12299.13807	Oxct1
ENSMUSG00000070880	25.73814541	4.685836197	1.23E-16	1.70E-15	0.8948864	3.91330099	11.1501727	105.6255534	123.7571189	153.1394297	Gad1
ENSMUSG00000019230	0.072040534	-3.795047306	1.35E-16	1.86E-15	148.551142	82.1793209	105.307186	8.284357128	5.974481604	10.20929532	Lhx9
ENSMUSG00000040283	0.324120875	-1.625396155	1.40E-16	1.93E-15	477.869335	339.478861	419.989837	138.7629819	128.8781032	133.7417686	Btnl9
ENSMUSG00000032502	2.977948372	1.574318742	1.41E-16	1.94E-15	168.238642	122.290656	138.757704	404.8979546	404.5577543	471.6694436	Stac
ENSMUSG00000021693	2.088100459	1.062191122	1.53E-16	2.09E-15	555.724452	573.298596	634.320933	1273.719908	1106.986091	1298.622364	Kif2a
ENSMUSG00000021313	3.408738264	1.769237828	1.53E-16	2.10E-15	690.852297	532.208935	380.344778	1881.584613	1846.114816	1747.831358	Ryr2
ENSMUSG00000043613	0.230496516	-2.117183149	1.55E-16	2.12E-15	1876.57677	1974.26035	2801.17115	630.6466864	343.9594409	559.4693833	Mmp3
ENSMUSG00000024644	0.38648108	-1.371530306	1.56E-16	2.13E-15	1384.38925	1952.7372	1907.91843	698.9926327	653.7789869	673.8134908	Cndp2
ENSMUSG00000028064	0.253574987	-1.979515654	1.62E-16	2.21E-15	435.809675	696.567577	526.535931	141.8696158	116.0756426	163.348725	Sema4a
ENSMUSG00000003665	0.111818567	-3.160768338	1.65E-16	2.26E-15	110.965913	103.702476	159.819141	15.53316962	10.24196846	16.3348725	Has1
ENSMUSG00000034652	0.177267373	-2.496001067	1.73E-16	2.36E-15	313.210238	536.122236	526.535931	93.19901769	56.33082655	94.94644643	Cd300a
ENSMUSG00000036411	3.914774746	1.968929298	1.83E-16	2.50E-15	80.5397756	75.3310441	50.795231	273.3837852	297.8705828	244.002158	9530077C05Rik
ENSMUSG00000005124	0.285342135	-1.809235299	1.91E-16	2.60E-15	1141.87504	973.433622	1604.38595	396.6135975	306.4055565	358.3462656	Wisp1
ENSMUSG00000028551	0.431199459	-1.213572727	1.95E-16	2.65E-15	984.375035	781.681874	802.812431	370.7249815	359.3223936	378.7648562	Cdkn2c
ENSMUSG00000029168	4.727192445	2.240983598	1.97E-16	2.68E-15	34.005683	37.1763594	33.450518	139.7985265	190.3299139	164.3696546	Dpysl5
ENSMUSG00000029380	0.142230881	-2.813693362	1.98E-16	2.68E-15	292.627851	305.237478	455.918171	64.20376774	28.16541327	58.1929833	Cxcl1
ENSMUSG00000026249	2.411780221	1.270098445	2.06E-16	2.79E-15	7421.29288	5714.39778	8066.53046	16872.12884	18353.60749	15904.04024	Serpine2
ENSMUSG00000008845	0.286690949	-1.802431736	2.09E-16	2.83E-15	562.883543	553.732091	421.228745	180.1847675	121.1966268	140.8882754	Cd163
ENSMUSG00000028037	0.105901583	-3.239203946	2.14E-16	2.89E-15	212.088076	610.474955	379.10587	50.74168741	41.82137123	34.71160407	Ifi44
ENSMUSG00000022425	0.321983984	-1.634939168	2.20E-16	2.98E-15	1247.47164	857.012918	863.518927	354.1562672	295.3100907	307.299789	Enpp2
ENSMUSG00000017724	0.109506922	-3.190906029	2.24E-16	3.03E-15	89.4886395	92.9408986	116.457359	12.42653569	11.94896321	8.167436252	Etv4
ENSMUSG00000074896	0.14647226	-2.771300636	2.31E-16	3.13E-15	1039.85799	2785.29198	2751.61483	371.7605261	294.4565933	297.0904937	Ifit3
ENSMUSG00000012705	0.146771688	-2.768354396	2.44E-16	3.29E-15	2217.52849	1386.28688	2731.7923	469.1017224	256.902709	204.1859063	Retn
ENSMUSG00000030589	0.221594877	-2.174003566	2.47E-16	3.34E-15	242.514213	351.218764	350.610985	86.98574985	56.33082655	66.36041955	Rasgrp4
ENSMUSG00000036578	4.939144556	2.304261193	2.51E-16	3.39E-15	36.6903422	34.2413837	49.5563229	163.6160533	192.8904061	233.7928627	Fxyd7
ENSMUSG00000025269	2.781909811	1.476075649	2.53E-16	3.41E-15	153.025574	127.182282	117.696267	344.8363655	382.3668226	383.8695039	Apex2
ENSMUSG00000038775	0.298356632	-1.744890247	2.57E-16	3.46E-15	357.954558	330.673934	330.788455	128.4075355	88.76372668	87.79993971	Vill
ENSMUSG00000047686	0.099640197	-3.32712832	2.61E-16	3.51E-15	102.911935	88.0492724	86.7235651	7.248812487	11.94896321	8.167436252	Rtl3

ENSMUSG00000018169	0.295850698	-1.757058796	2.67E-16	3.59E-15	631.789795	433.398085	667.771451	178.1136783	157.0435164	177.6417385	Mfng
ENSMUSG00000007888	0.335666317	-1.574900318	2.77E-16	3.71E-15	1147.24436	999.848404	1442.089	432.8576599	336.2779646	435.93691	Crlf1
ENSMUSG00000042821	0.191712244	-2.382985615	2.78E-16	3.72E-15	251.463077	183.925147	246.542706	46.59950885	30.72590539	54.10926517	Snai1
ENSMUSG00000053559	0.248526911	-2.008526014	2.82E-16	3.78E-15	251.463077	348.283789	412.556388	81.80802664	84.49623982	84.73715112	Smagp
ENSMUSG00000027408	0.232880456	-2.102338525	2.84E-16	3.80E-15	2653.33816	1635.75982	2393.5704	637.8954989	361.0293883	558.4484537	Cpxm1
ENSMUSG00000065599	3.795119986	1.924145498	2.86E-16	3.81E-15	45.6392062	44.0246362	50.795231	167.7582318	170.6994744	192.9556815	Mir23b
ENSMUSG00000030638	0.125790988	-2.990899525	2.97E-16	3.97E-15	115.440345	110.550753	120.174083	10.35544641	11.94896321	21.43952016	Sh3gl3
ENSMUSG00000042348	0.491902308	-1.02355627	2.99E-16	3.98E-15	667.585251	600.691703	633.082025	313.7700262	312.3800381	309.3416481	Arl15
ENSMUSG00000034738	0.264912073	-1.916414502	3.00E-16	3.99E-15	198.66478	173.163569	166.013682	47.63505349	45.23536071	50.02554704	Nostrin
ENSMUSG00000050910	0.450038786	-1.15187875	3.02E-16	4.02E-15	635.369341	577.211897	677.682716	303.4145798	270.5586669	276.671903	Cdr2l
ENSMUSG00000050103	0.25099096	-1.994292692	3.30E-16	4.39E-15	414.332401	306.215803	325.832823	90.09238377	67.42629239	106.1766713	Agmo
ENSMUSG00000030527	2.307513735	1.206339235	3.37E-16	4.48E-15	1078.33811	956.802093	1276.07531	2399.356933	2439.295489	2796.325987	Crtc3
ENSMUSG00000027514	0.090228868	-3.470267098	3.42E-16	4.54E-15	269.360805	933.322287	703.699785	40.386241	64.0123029	67.38134908	Zbp1
ENSMUSG00000038151	0.066948566	-3.900803041	3.44E-16	4.57E-15	71.5909116	112.507404	131.324256	7.248812487	8.53497372	5.104647658	Prdm1
ENSMUSG00000028849	2.115008603	1.080663531	3.48E-16	4.61E-15	3141.94613	4114.836	3978.13382	7819.397584	7806.086964	8131.703719	Map7d1
ENSMUSG00000045092	0.439489486	-1.186099442	3.67E-16	4.86E-15	2118.1961	1891.10271	1766.68291	832.5778914	961.0380408	744.2576285	S1pr1
ENSMUSG00000060470	0.188925501	-2.404110643	3.69E-16	4.88E-15	292.627851	240.668011	183.358395	57.9904999	39.26087911	38.7953222	Adgrg3
ENSMUSG00000052353	0.020368242	-5.617534749	3.72E-16	4.92E-15	97.5426171	83.1576461	244.06489	3.106633923	3.413989488	2.041859063	Cemip
ENSMUSG00000054000	2.265797947	1.180019215	3.93E-16	5.20E-15	182.556825	197.6217	193.269659	418.360035	425.8951886	454.3136415	Tusc1
ENSMUSG00000072621	0.062671926	-3.996036861	4.03E-16	5.32E-15	77.8551164	92.9408986	89.2013812	7.248812487	6.827978976	2.041859063	Slfn10-ps
ENSMUSG00000068263	0.172098069	-2.538697184	4.04E-16	5.33E-15	159.289778	128.160608	122.651899	28.99524995	19.63043956	22.46044969	Efcc1
ENSMUSG00000047844	82.16846016	6.360512826	4.10E-16	5.40E-15	0	2.93497575	1.23890807	113.9099105	109.2476636	112.3022485	Bex4
ENSMUSG00000028494	0.36907732	-1.43800501	4.41E-16	5.81E-15	2107.45746	2373.41705	2960.99029	891.6039359	802.2875297	1052.578347	Plin2
ENSMUSG00000017830	0.164142044	-2.606983273	4.42E-16	5.81E-15	215.667621	447.094639	392.733859	53.84832133	52.06333969	67.38134908	Dhx58
ENSMUSG00000031950	3.360170781	1.74853456	4.56E-16	6.00E-15	760.653436	869.731146	833.785133	3047.607879	3319.25128	1911.180083	Gabarapl2
ENSMUSG00000039167	0.314534895	-1.668708016	4.67E-16	6.13E-15	1559.78699	1056.59127	1003.51554	413.1823118	355.9084041	370.5974199	Adgrl4
ENSMUSG00000022053	0.346528613	-1.528953616	4.83E-16	6.33E-15	921.732987	728.85231	761.928465	328.2676512	229.5907931	279.7346916	Ebf2
ENSMUSG00000037032	2.498644654	1.321145742	4.83E-16	6.33E-15	597.784112	494.054251	411.31748	1262.328917	1226.475724	1275.140985	Apbb1
ENSMUSG00000038781	0.337600053	-1.566612965	4.88E-16	6.39E-15	355.269899	398.178376	344.416444	140.8340712	102.4196846	128.637121	Stap2
ENSMUSG00000024640	0.300266219	-1.735685918	4.91E-16	6.43E-15	442.073879	326.760633	489.368689	119.0876337	124.6106163	133.7417686	Psat1
ENSMUSG00000038486	3.984097427	1.994252928	4.91E-16	6.43E-15	144.971596	88.0492724	99.1126458	414.2178564	394.3157858	519.6531315	Sv2a
ENSMUSG00000042363	2.204677026	1.140567323	5.10E-16	6.67E-15	1884.63075	1520.31744	1473.0617	3828.408538	3279.9904	3652.885864	Lgalsl
ENSMUSG00000026141	3.115745755	1.639577514	5.38E-16	7.03E-15	94.8579579	87.0709471	79.2901166	299.2724013	241.5397563	276.671903	Col19a1
ENSMUSG00000043629	0.262045296	-1.932111881	5.69E-16	7.43E-15	229.985804	286.649298	349.372076	81.80802664	74.25427136	70.44413768	1700019D03Rik
ENSMUSG00000027940	0.460201121	-1.119663598	6.05E-16	7.88E-15	5136.64791	6232.91016	6879.65653	2945.088959	2778.987443	2672.793514	Tpm3
ENSMUSG00000040649	10.99022728	3.458149317	6.16E-16	8.01E-15	5.36931837	8.80492724	12.3890807	85.9502052	93.88471092	104.1348122	Rimklb
ENSMUSG00000030798	0.243209474	-2.039728665	6.22E-16	8.10E-15	315.000011	456.877891	343.177536	88.02129449	110.9546584	71.46506721	Cd37
ENSMUSG00000026875	0.291410618	-1.778874651	6.48E-16	8.42E-15	377.642059	568.406969	464.590527	142.9051605	150.2155375	117.4068961	Traf1
ENSMUSG00000055407	2.159046875	1.110394566	6.53E-16	8.48E-15	873.409122	685.805999	726.000131	1565.743497	1748.816115	1622.257026	Map6
ENSMUSG00000031605	0.474488061	-1.075556308	7.00E-16	9.08E-15	729.332412	631.998111	682.638348	341.7297315	319.2080171	309.3416481	Klhl2
ENSMUSG00000031750	0.207904617	-2.266006297	7.05E-16	9.14E-15	218.35228	200.556676	302.29357	60.06158918	40.11437648	50.02554704	Il34
ENSMUSG00000042225	0.342122635	-1.547414538	7.16E-16	9.27E-15	377.642059	458.834542	537.686104	157.4027854	152.7760296	159.2650069	Ammecr1
ENSMUSG00000037447	2.442749248	1.288505776	7.47E-16	9.67E-15	808.977301	739.613888	893.25272	2117.688791	1641.275446	2204.186859	Arid5a
ENSMUSG00000022479	0.069615398	-3.844449734	7.92E-16	1.02E-14	89.4886395	66.5261169	92.9181054	5.177723205	5.974481604	6.125577189	Vdr
ENSMUSG00000070348	0.371752416	-1.427585977	8.23E-16	1.06E-14	1533.83528	1556.51547	1308.28692	672.068472	484.7865073	479.8368798	Ccnd1
ENSMUSG00000110408	43.34610475	5.437830448	8.41E-16	1.09E-14	0.8948864	1.9566505	3.71672422	79.73693736	90.47072143	96.98830549	Gm45881
ENSMUSG00000000938	0.469304387	-1.091404148	9.31E-16	1.20E-14	715.909116	667.21782	690.071796	356.2273565	294.4565933	323.6346615	Hoxa10
ENSMUSG00000020176	0.39265365	-1.348670788	9.31E-16	1.20E-14	4478.01152	3438.81325	4749.97355	1856.731541	1667.733865	1448.699005	Grb10
ENSMUSG00000036867	2.33289842	1.22212349	9.66E-16	1.24E-14	518.139223	435.354736	412.556388	1088.357418	950.7960724	1153.650371	Smad6
ENSMUSG00000026697	0.143678803	-2.799080855	9.78E-16	1.26E-14	400.909105	259.256191	299.815754	54.88386597	24.75142379	59.21391283	Myoc
ENSMUSG00000023926	826.9247269	9.6916122	1.03E-15	1.33E-14	0.8948864	0	0	238.1752674	367.0038699	307.299789	Rhag
ENSMUSG00000034245	2.641732455	1.401484363	1.05E-15	1.34E-14	241.619327	228.928108	184.597303	512.5945973	631.5880553	591.1181988	Hdac11
ENSMUSG00000020143	0.294926932	-1.761570523	1.08E-15	1.39E-14	536.931837	792.443451	535.208287	159.4738747	196.3043956	193.976611	Dock2
ENSMUSG00000027966	0.01141783	-6.45256764	1.10E-15	1.42E-14	2165.62508	430.463109	742.105936	16.56871426	15.3629527	6.125577189	Col11a1
ENSMUSG00000032322	0.217253128	-2.202551146	1.20E-15	1.53E-14	326.633534	630.04146	571.136621	117.0165444	107.5406689	107.1976008	Pstpip1
ENSMUSG00000072620	0.183834374	-2.443521541	1.30E-15	1.66E-14	827.769916	1892.08103	1850.92866	312.7344816	289.3356091	237.8765808	Slfn2
ENSMUSG00000049872	2.10059783	1.070799977	1.33E-15	1.69E-14	572.727293	467.639469	467.068343	1085.250784	1049.801768	1036.243474	Fam26e
ENSMUSG00000005161	2.292105163	1.196673237	1.37E-15	1.74E-14	2409.03418	2876.27623	3314.07909	6131.459819	7174.498909	6396.123515	Prdx2
ENSMUSG00000068245	0.337214751	-1.568260448	1.56E-15	1.99E-14	551.25002	736.678912	524.058115	220.5710085	209.9603535	180.7045271	Phf11d
ENSMUSG00000031700	0.3134233	-1.673815659	1.59E-15	2.02E-14	672.059683	973.433622	787.945534	263.0283388	206.546364	294.0277051	Gpt2
ENSMUSG00000023947	0.261093188	-1.937363279	1.71E-15	2.17E-14	261.306827	363.936992	328.310639	101.4833748	67.42629239	80.65343299	Nfkbie
ENSMUSG00000030852	3.274386904	1.711224802	1.71E-15	2.17E-14	1208.99152	2238.40817	1658.89791	5505.990856	5738.916329	5473.203219	Tacc2
ENSMUSG00000024593	0.075756353	-3.722489307	1.94E-15	2.46E-14	157.500006	128.160608	139.996612	20.71089282	6.827978976	5.104647658	Megf10
ENSMUSG00000024590	0.312810894	-1.676637339	1.95E-15	2.47E-14	327.528421	455.899566	483.174148	127.3719908	131.4385953	136.8045572	Lmnb1
ENSMUSG00000035021	0.240243717	-2.057429395	1.99E-15	2.52E-14	707.855139	1109.42083	1390.05486	255.7795263	290.1891065	223.5835674	Baz1a
ENSMUSG00000044835	46.05191355	5.525189199	2.00E-15	2.52E-14	0.8948864	0.97832525	4.95563229	101.4833748	110.101161	74.5278558	Ankrd45
ENSMUSG00000073412	0.148994773	-2.746666376	2.01E-15	2.53E-14	178.977279	315.02073	382.822594	51.77723205	34.13989488	44.92089939	Lst1
ENSMUSG00000041479	2.130519137	1.09120501	2.01E-15	2.53E-14	656.846614	623.193183	615.737312	1177.414257	1510.690348	1350.68977	Syt15
ENSMUSG00000032496	0.016267016	-5.941906526	2.04E-15	2.57E-14	229.985804	652.542941	63.1843117	4.142178564	5.120984232	6.125577189	Ltf
ENSMUSG00000034898	2.70222323	1.43414686	2.14E-15	2.70E-14	873.409122	684.827674	558.747541	1947.85947	1986.941882	1793.773187	Filip1
ENSMUSG00000040084	3.067615511	1.61711767	2.15E-15	2.71E-14	151.235801	168.271943	122.651899	504.3102402	476.2515336	379.7857857	Bub1b
ENSMUSG00000068758	0.207373724	-2.269694992	2.18E-15	2.74E-14	506.5057	850.164641	1107.58382	177.0781336	151.0690348	182.7463861	Il3ra
ENSMUSG00000021702	0.012774971	-6.290536185	2.26E-15	2.84E-14	1489.98585	923.539035	2952.31794	45.5639642	11.94896321	11.23022485	Thbs4
ENSMUSG00000072825	2.181696916	1.125450695	2.39E-15	3.00E-14	750.809686	570.36362	708.655418	1411.447346	1501.301877	1515.059425	Cep170b
ENSMUSG00000014776	0.295338089	-1.759560668	2.56E-15	3.21E-14	260.411941	385.460148	358.044433	97.34119626	100.7126899	98.00923503	Nol3
ENSMUSG00000070733	2.12091115	1.084684184	2.58E-15	3.23E-14	2034.07678	1644.56474	1539.96273	3797.342199	3734.9045	3542.625474	Fryl
ENSMUSG00000048234	0.396159146	-1.335847984	2.72E-15	3.41E-14	623.735818	791.465126	661.576911	263.0283388	250.07473	310.3625776	Rnf149
ENSMUSG00000085442	10.54911501	3.399050068	2.78E-15	3.47E-14	6.26420477	12.7182282	17.344713	134.6208033	145.0945532	93.9255169	Gm3362
ENSMUSG00000029560	0.320719561	-1.640615749	2.97E-15	3.71E-14	614.786954	749.39714	939.092319	250.6018031	213.374343	274.630044	Snx8
ENSMUSG00000015243	0.238863562	-2.065741306	3.01E-15	3.76E-14	4776.90358	2824.42499	2672.32471	865.7153199	624.7600763	964.7784073	Abca1
ENSMUSG00000090019	0.365522702	-1.451967084	3.02E-15	3.76E-14	367.798309	427.528134	374.150238	152.2250622	155.3365217	119.4487552	Gimap1
ENSMUSG00000073155	3.274394459	1.71122813	3.03E-15	3.78E-14	1047.01708	1412.70166	1658.89791	4315.114519	3664.917715	5499.747386	1810058I24Rik
ENSMUSG00000023995	806.4921554	9.65551669	3.17E-15	3.94E-14	0	0	0	123.2298123	194.5974008	138.8464163	Tspo2
ENSMUSG00000042379	0.174084764	-2.522138153	3.17E-15	3.94E-14	253.25285	288.605948	152.385693	44.52841956	41.82137123	34.71160407	Esm1
ENSMUSG00000053175	0.203958192	-2.293654642	3.27E-15	4.06E-14	287.258533	436.333061	553.791908	84.91466056	72.54727662	103.1138827	Bcl3
ENSMUSG00000004609	0.32424491	-1.62484417	3.37E-15	4.19E-14	456.392062	426.549808	345.655352	153.2606069	111.8081557	134.7626982	Cd33
ENSMUSG00000101174	0.31655842	-1.659456324	3.42E-15	4.24E-14	282.784101	254.364565	239.109258	95.27010697	70.84028187	80.65343299	Hoxd4
ENSMUSG00000024598	0.003683747	-8.084610242	3.55E-15	4.40E-14	290.838079	210.339928	1075.37221	3.106633923	1.706994744	1.020929532	Fbn2
ENSMUSG00000022221	0.211751283	-2.239557386	3.66E-15	4.53E-14	289.048306	218.16653	175.924946	45.5639642	43.52836597	56.15112423	Ripk3
ENSMUSG00000040722	0.356841102	-1.486646296	3.68E-15	4.56E-14	471.60513	393.28675	550.075184	173.9714997	156.1900191	174.5789499	Scamp5
ENSMUSG00000040033	0.360793597	-1.47075436	3.76E-15	4.65E-14	1315.483	2088.72441	1735.71021	613.0424275	632.4415526	608.4740008	Stat2
ENSMUSG00000029413	0.415398773	-1.267431139	3.87E-15	4.78E-14	1219.73016	1687.61105	1335.5429	615.1135168	594.0341709	553.3438061	Naaa
ENSMUSG00000075318	2.942223538	1.556906861	4.01E-15	4.95E-14	161.079551	113.485729	158.580233	387.2936957	452.3536071	432.8741214	Scn2a

ENSMUSG00000030737	0.316710433	-1.658763703	4.12E-15	5.08E-14	1378.12505	1141.70557	983.69301	418.360035	281.6541327	411.4346012	Slco2b1
ENSMUSG00000038811	0.305227267	-1.712044244	4.17E-15	5.13E-14	419.701719	661.347868	626.887485	181.2203122	167.2854849	172.5370908	Gngt2
ENSMUSG00000031304	0.262678706	-1.928628842	4.22E-15	5.19E-14	421.491492	688.740975	552.553	146.0117944	171.5529718	118.4278257	Il2rg
ENSMUSG00000059824	2.096583939	1.068040591	4.43E-15	5.45E-14	2813.52283	2758.8772	2526.13356	6593.312729	5208.040964	5182.238302	Dbp
ENSMUSG00000052821	0.212106658	-2.237138184	4.90E-15	6.01E-14	163.76421	167.293618	123.890807	36.24406244	28.16541327	32.66974501	Cysltr1
ENSMUSG00000045103	3.16890213	1.663983103	4.99E-15	6.12E-14	1980.38359	1481.18443	1102.62818	4817.35367	5214.015445	4441.043462	Dmd
ENSMUSG00000024990	3.420459654	1.774190213	5.12E-15	6.28E-14	731.122185	479.379372	868.474559	2400.392478	2054.368174	2651.353993	Rbp4
ENSMUSG00000022253	2.996612558	1.583332565	5.20E-15	6.37E-14	344.531262	387.416798	258.931787	891.6039359	909.8281985	1174.068961	Nadk2
ENSMUSG00000044349	0.17965874	-2.476668974	5.46E-15	6.69E-14	126.178982	137.94386	163.535866	23.81752674	19.63043956	33.69067454	Snhg11
ENSMUSG00000071454	2.507976406	1.326523776	5.71E-15	6.99E-14	148.551142	156.53204	125.129715	380.0448833	350.7874199	352.2206884	Dtnb
ENSMUSG00000031990	2.302848633	1.203419585	5.75E-15	7.03E-14	702.48582	565.471994	791.662258	1563.672408	1655.784902	1518.122213	Jam3
ENSMUSG00000043157	0.153021761	-2.70819126	5.90E-15	7.21E-14	104.701708	138.922185	131.324256	25.88861603	14.50945532	17.35580204	Arl11
ENSMUSG00000040339	0.481908098	-1.053170051	5.93E-15	7.24E-14	2188.89212	1700.32928	2026.85361	988.9451322	952.5030671	909.6482126	Fam102b
ENSMUSG00000086918	3.263869574	1.706583407	5.96E-15	7.27E-14	76.96023	119.35568	96.6348297	307.5567584	340.5454514	306.2788595	4930429F24Rik
ENSMUSG00000040430	0.335779742	-1.574412903	6.12E-15	7.46E-14	688.167638	956.802093	978.737377	315.8411155	244.9537458	320.5718729	Pitpnc1
ENSMUSG00000031162	82.67874808	6.369444638	6.20E-15	7.55E-14	1.78977279	0.97832525	1.23890807	90.09238377	93.03121354	153.1394297	Gata1
ENSMUSG00000036295	13.17618303	3.719860596	6.37E-15	7.75E-14	43.8494334	27.393107	40.8839664	271.3126959	296.1635881	909.6482126	Lrrn3
ENSMUSG00000028197	0.037610668	-4.732714269	6.40E-15	7.78E-14	115.440345	142.835486	81.7679328	9.319901769	0.853497372	3.062788595	Col24a1
ENSMUSG00000031934	0.236901523	-2.077640622	6.49E-15	7.90E-14	276.519896	405.026653	446.006906	110.8032766	76.81476348	79.63250346	Panx1
ENSMUSG00000048387	2.449746055	1.292632205	6.51E-15	7.91E-14	1031.80401	1004.74003	1430.93882	2902.631629	2679.128251	2904.544517	Osr1
ENSMUSG00000021268	0.272435868	-1.876011437	6.64E-15	8.06E-14	11424.1197	9964.24266	18951.5768	4057.263904	3261.213458	3671.262595	Meg3
ENSMUSG00000067201	0.240969313	-2.053078664	6.65E-15	8.07E-14	508.295473	485.249323	307.249202	127.3719908	93.03121354	93.9255169	H2-M9
ENSMUSG00000106847	2.203195721	1.139597663	6.73E-15	8.16E-14	1446.13641	1169.09867	1056.78859	2800.112709	2586.097037	2711.588836	Peg13
ENSMUSG00000005338	0.282782594	-1.822234772	6.92E-15	8.38E-14	735.596617	651.564616	475.7407	211.2511068	143.3875585	173.5580204	Cadm3
ENSMUSG00000000031	0.01622273	-5.945839571	7.22E-15	8.74E-14	4493.22459	15867.4572	5774.55053	256.815071	83.64274245	83.71622159	H19
ENSMUSG00000079523	0.275258504	-1.86114096	7.23E-15	8.75E-14	4514.70186	6827.73191	9244.73204	1920.935309	1835.01935	1910.159153	Tmsb10
ENSMUSG00000071347	0.339374785	-1.559048715	7.34E-15	8.87E-14	466.235812	472.531095	350.610985	164.6515979	132.2920927	141.9092049	C1qtnf9
ENSMUSG00000032548	0.482587801	-1.051136647	7.41E-15	8.95E-14	1786.19325	2180.68698	2112.33826	1069.717614	899.5862301	964.7784073	Slco2a1
ENSMUSG00000023868	0.225683533	-2.147626937	7.43E-15	8.97E-14	165.553983	136.965535	137.518796	39.35069636	30.72590539	29.60695641	Pde10a
ENSMUSG00000022579	0.295119773	-1.760627508	7.83E-15	9.43E-14	355.269899	324.803983	452.201447	132.5497141	108.3941662	92.90458737	Gpihbp1
ENSMUSG00000097183	2.045845748	1.032697373	8.55E-15	1.03E-13	277.414783	245.559637	270.08196	551.9452937	532.5823601	538.0298631	Gm17501
ENSMUSG00000024049	3.139498556	1.650534149	8.57E-15	1.03E-13	6779.65933	10675.4851	6044.63249	24524.80373	25051.00136	24206.23919	Myom1
ENSMUSG00000097084	4.413229216	2.141834681	9.03E-15	1.09E-13	25.9517055	36.1980342	40.8839664	149.1184283	145.9480506	155.1812888	Foxl1
ENSMUSG00000059013	0.383405641	-1.383056532	9.19E-15	1.10E-13	461.76138	484.270998	428.662193	195.7179372	145.0945532	187.8510338	Sh2d3c
ENSMUSG00000028873	0.16246302	-2.621816724	9.27E-15	1.11E-13	102.017049	141.857161	157.341325	20.71089282	25.60492116	18.37673157	Cdca8
ENSMUSG00000060743	2.521834012	1.33447332	9.63E-15	1.15E-13	3550.90922	3101.29104	2285.78539	7774.869165	7366.535817	7407.864681	H3f3a
ENSMUSG00000079560	3.020086982	1.594590101	1.01E-14	1.21E-13	241.619327	185.881797	147.430061	566.4429186	565.0152602	612.5577189	Hoxa3
ENSMUSG00000038188	0.424981077	-1.234529492	1.03E-14	1.23E-13	612.102294	747.44049	666.532543	324.1254726	262.0236932	275.6509735	Scarf1
ENSMUSG00000032511	0.097659968	-3.356088879	1.06E-14	1.26E-13	122.599436	81.2009956	80.5290247	10.35544641	10.24196846	7.146506721	Scn5a
ENSMUSG00000024290	2.369572447	1.24462677	1.21E-14	1.45E-13	4023.40923	4415.18185	5620.92593	11911.87001	11588.78732	9806.02815	Rock1
ENSMUSG00000004626	0.38184949	-1.388923998	1.22E-14	1.46E-13	371.377854	449.051289	452.201447	150.1539729	151.9225322	183.7673157	Stxbp2
ENSMUSG00000036918	0.475677637	-1.071943894	1.25E-14	1.50E-13	816.136393	902.994205	1001.03772	457.7107313	432.7231676	402.2462354	Ttc7
ENSMUSG00000042129	0.379749774	-1.396878988	1.26E-14	1.50E-13	919.048328	1247.36469	909.358525	366.5828029	434.4301623	366.5137018	Rassf4
ENSMUSG00000039798	3.892414151	1.960665221	1.30E-14	1.55E-13	39.3750014	36.1980342	38.4061503	135.656348	159.6040086	148.0347821	2600006K01Rik
ENSMUSG00000031170	661.1308757	9.368792082	1.31E-14	1.56E-13	0	0	0	110.8032766	127.1711084	136.8045572	Slc38a5
ENSMUSG00000027221	0.170231027	-2.554434086	1.32E-14	1.57E-13	578.096611	436.333061	782.989902	149.1184283	89.61722406	67.38134908	Chst1
ENSMUSG00000031636	3.210128904	1.68263123	1.33E-14	1.58E-13	2085.98019	3749.92068	2358.88097	9036.162538	8625.444441	8646.252202	Pdlim3
ENSMUSG00000052698	0.42445635	-1.236311897	1.33E-14	1.59E-13	1210.78129	1320.73909	999.798815	552.9808383	450.6466124	497.1926819	Tln2
ENSMUSG00000001333	5.047247515	2.335496838	1.36E-14	1.61E-13	174.502847	186.860122	76.8123005	768.3741236	789.4850691	663.6041955	Sync
ENSMUSG00000054793	0.340362933	-1.554854166	1.42E-14	1.69E-13	358.849445	328.717284	294.860121	127.3719908	93.03121354	115.3650371	Cadm4
ENSMUSG00000022102	0.191561223	-2.384122542	1.43E-14	1.70E-13	217.457394	450.029614	410.078572	71.45258023	67.42629239	67.38134908	Dok2
ENSMUSG00000060224	0.248743496	-2.007269291	1.44E-14	1.71E-13	352.58524	253.386239	240.348166	82.84357128	57.18432392	71.46506721	Pyroxd2
ENSMUSG00000066861	0.026194849	-5.254573049	1.44E-14	1.71E-13	75.1704572	264.147817	151.146785	4.142178564	0.853497372	8.167436252	Oas1g
ENSMUSG00000032076	0.250425665	-1.99754567	1.51E-14	1.79E-13	324.843762	381.546847	385.300411	126.3364462	75.10776873	72.48599674	Cadm1
ENSMUSG00000039982	0.313054854	-1.675512626	1.52E-14	1.79E-13	812.556847	968.541996	1246.34152	296.1657673	269.7051695	381.8276448	Dtx4
ENSMUSG00000012889	0.090087729	-3.472525583	1.53E-14	1.80E-13	66.2215933	94.8975491	85.484657	9.319901769	6.827978976	6.125577189	Podnl1
ENSMUSG00000034457	0.252277738	-1.986915194	1.53E-14	1.80E-13	272.045464	269.039443	213.092188	78.70139272	64.86580027	46.96275845	Eda2r
ENSMUSG00000026981	0.048929705	-4.353145617	1.59E-14	1.87E-13	136.917618	750.375466	339.460812	26.92416067	11.94896321	21.43952016	Il1rn
ENSMUSG00000027832	0.08396462	-3.574074633	1.67E-14	1.97E-13	120.809663	240.668011	426.184377	20.71089282	24.75142379	20.41859063	Ptx3
ENSMUSG00000046491	2.162727036	1.11285159	1.69E-14	1.99E-13	757.073891	606.561654	791.662258	1535.712703	1461.187501	1662.073277	C1qtnf2
ENSMUSG00000022180	0.258331699	-1.952703414	1.85E-14	2.17E-13	217.457394	317.955706	327.071731	86.98574985	67.42629239	68.40227861	Slc7a8
ENSMUSG00000027331	0.19204196	-2.380506527	1.88E-14	2.20E-13	129.758527	202.513326	201.942016	27.95970531	38.40738174	35.7325336	Knstrn
ENSMUSG00000032577	0.415173353	-1.268214245	1.90E-14	2.23E-13	474.28979	509.707455	452.201447	227.819821	175.8204586	193.976611	Mapkapk3
ENSMUSG00000051735	0.222315152	-2.169321816	1.97E-14	2.31E-13	171.818188	287.627623	210.614372	45.5639642	51.20984232	52.06740611	Rinl
ENSMUSG00000053398	0.310724268	-1.686293171	2.00E-14	2.34E-13	805.397756	490.14095	743.344844	204.0022943	209.9603535	219.4998493	Phgdh
ENSMUSG00000085162	6.208783304	2.63431058	2.02E-14	2.36E-13	13.4232959	28.3714322	22.3003453	122.1942676	144.2410559	128.637121	Gm12295
ENSMUSG00000039109	0.394286189	-1.342684917	2.06E-14	2.40E-13	1951.74723	1800.11846	1863.31774	779.7651147	569.2827471	866.7691723	F13a1
ENSMUSG00000017652	0.193391698	-2.370402232	2.09E-14	2.44E-13	127.968755	206.426627	201.942016	30.03079459	37.55388437	35.7325336	Cd40
ENSMUSG00000022272	0.478929908	-1.062113563	2.13E-14	2.49E-13	1250.15629	1124.09571	973.781745	519.8434098	536.849847	548.2391584	Myo10
ENSMUSG00000036863	2.666231488	1.414802044	2.17E-14	2.53E-13	512.769905	348.283789	380.344778	1167.05881	1156.488939	990.3016456	Syde2
ENSMUSG00000045348	3.932382896	1.975403804	2.19E-14	2.55E-13	50.1136381	34.2413837	53.2730471	176.042589	191.1834113	171.5161613	Nyap1
ENSMUSG00000013236	2.037772136	1.026992738	2.19E-14	2.55E-13	3167.89784	2354.82887	2716.9254	5534.986106	5662.101566	5595.714762	Ptprs
ENSMUSG00000032725	0.175607725	-2.509571781	2.23E-14	2.59E-13	150.340914	158.48869	104.068278	23.81752674	28.16541327	20.41859063	Folr2
ENSMUSG00000003746	0.3435301	-1.541491582	2.27E-14	2.64E-13	3055.14215	2149.38057	1910.39625	870.8930431	720.3517819	854.5180179	Man1a
ENSMUSG00000040690	0.373803297	-1.4196488	2.28E-14	2.65E-13	4339.30413	3074.87626	4550.50935	1666.191327	1294.755513	1511.996636	Col16a1
ENSMUSG00000028332	570.7726811	9.156772475	2.39E-14	2.78E-13	0	0	1.23890807	201.931205	221.9093167	206.2277654	Hemgn
ENSMUSG00000030616	0.400660073	-1.319549347	2.47E-14	2.87E-13	568.252861	446.116313	439.812366	194.6823925	193.7439034	194.9975405	Sytl2
ENSMUSG00000078117	19.70632691	4.30058699	2.52E-14	2.92E-13	7.15909116	16.6315292	1.23890807	133.5852587	235.5652747	136.8045572	Gm16485
ENSMUSG00000036019	2.536426152	1.342797157	2.58E-14	2.98E-13	380.326718	290.562599	263.887419	743.5210523	822.7714666	810.618048	Tmtc2
ENSMUSG00000048371	2.843383247	1.507608566	2.61E-14	3.02E-13	365.113649	246.537963	336.982996	1003.442757	922.6306591	770.8017963	Pdp2
ENSMUSG00000030147	0.045431942	-4.460149219	2.63E-14	3.04E-13	56.3778429	114.464054	83.0068409	4.142178564	4.26748686	3.062788595	Clec4b1
ENSMUSG00000021908	9.617584509	3.265674601	2.66E-14	3.07E-13	8.94886395	5.86995149	9.91126458	76.63030344	78.52175822	80.65343299	Gm6768
ENSMUSG00000052911	2.184812616	1.12750955	2.84E-14	3.27E-13	10010.1992	7879.43155	7142.30504	18921.47168	17611.06477	18165.39915	Lamb2
ENSMUSG00000044734	0.28057634	-1.833534738	2.99E-14	3.45E-13	436.704561	519.490707	310.965926	114.9454552	131.4385953	109.2394599	Serpinb1a
ENSMUSG00000104621	2.320500926	1.214436273	3.05E-14	3.51E-13	195.085234	202.513326	241.587074	497.0614277	458.3280887	523.7368497	Gm43185
ENSMUSG00000085271	13.56240217	3.761540826	3.06E-14	3.52E-13	8.94886395	6.84827674	3.71672422	65.23931238	97.2987004	109.2394599	E130006D01Rik
ENSMUSG00000027207	0.4684943	-1.0938966	3.15E-14	3.62E-13	497.556836	510.68578	586.003518	255.7795263	243.246751	247.0649466	Galk2
ENSMUSG00000006675	2.67552616	1.419822635	3.20E-14	3.68E-13	205.823871	144.792137	157.341325	444.248651	443.8186334	474.7322322	P4htm
ENSMUSG00000074934	0.099959247	-3.322516155	3.25E-14	3.73E-13	103.806822	117.39903	66.9010359	8.284357128	9.388471092	11.23022485	Grem1
ENSMUSG00000027954	0.38077601	-1.392985506	3.50E-14	4.02E-13	507.400586	589.930125	639.276565	243.3529906	182.6484376	235.8347218	Efna1
ENSMUSG00000063428	2.228457906	1.15604571	3.53E-14	4.05E-13	195.085234	204.469977	168.491498	421.4666689	429.3091781	418.5811079	Ddo
ENSMUSG00000003123	0.306898655	-1.704165773	3.61E-14	4.13E-13	3358.50864	2089.70273	3566.81634	1012.762659	773.268619	981.1132798	Lipe
ENSMUSG00000022089	0.437910433	-1.191292274	3.75E-14	4.30E-13	462.656266	539.057212	583.525702	221.6065532	235.5652747	235.8347218	Bin3

ENSMUSG00000027500	0.468796429	-1.092966514	3.78E-14	4.32E-13	599.573885	551.77544	496.802137	263.0283388	252.6352221	258.2951715	Stmn2
ENSMUSG00000063568	2.392280831	1.258386758	3.96E-14	4.52E-13	140.497164	143.813812	147.430061	351.0496333	367.8573673	312.4044366	Jazf1
ENSMUSG00000051906	0.203957796	-2.293657444	4.06E-14	4.63E-13	124.389209	187.838448	153.624601	34.17297315	26.45841853	34.71160407	Cd209f
ENSMUSG00000020889	2.771106426	1.470462119	4.07E-14	4.64E-13	1830.93756	2173.8387	3005.59098	7096.587425	6212.607371	6108.221387	Nr1d1
ENSMUSG00000070056	2.282727674	1.190758759	4.16E-14	4.73E-13	683.693206	722.982359	944.047951	1829.807381	1854.649789	1673.303502	Mfhas1
ENSMUSG00000025978	2.262369109	1.177834327	4.28E-14	4.87E-13	633.579568	470.574445	559.986449	1142.205739	1281.099555	1342.522334	Rftn2
ENSMUSG00000039217	0.120493427	-3.052973648	4.33E-14	4.92E-13	81.434662	114.464054	127.607531	17.6042589	9.388471092	12.25115438	Il18
ENSMUSG00000039208	0.333900246	-1.58251094	4.53E-14	5.15E-13	652.372182	911.799132	1044.39951	276.4904192	271.4121643	322.613732	Metrnl
ENSMUSG00000052397	0.409853028	-1.286821439	4.58E-14	5.19E-13	515.454564	700.480878	607.064956	245.4240799	261.1701958	239.9184399	Ezr
ENSMUSG00000088789	51.59644631	5.689199799	4.60E-14	5.22E-13	1.78977279	0	3.71672422	110.8032766	85.3497372	69.42320814	Scarna13
ENSMUSG00000069515	0.108524877	-3.203902304	4.71E-14	5.33E-13	288.153419	739.613888	346.89426	72.48812487	45.23536071	31.64881548	Lyz1
ENSMUSG00000032344	0.234120467	-2.094677034	4.94E-14	5.59E-13	140.497164	201.535001	209.375464	45.5639642	44.38186334	38.7953222	Mb21d1
ENSMUSG00000053318	0.037526531	-4.735945259	4.94E-14	5.59E-13	62.6420477	270.017769	133.802072	7.248812487	4.26748686	6.125577189	Slamf8
ENSMUSG00000027955	2.10266023	1.072215743	5.03E-14	5.69E-13	3008.60806	2284.38946	2434.45436	5749.343847	5524.688489	4978.052396	Fam198b
ENSMUSG00000063060	0.369694566	-1.435594258	5.13E-14	5.79E-13	460.866494	400.135027	340.69972	161.544964	146.801548	136.8045572	Sox7
ENSMUSG00000090257	4.587246986	2.197628587	5.13E-14	5.79E-13	34.9005694	35.219709	21.0614372	134.6208033	145.9480506	142.9301344	Gm4524
ENSMUSG00000022971	0.489695923	-1.030041909	5.20E-14	5.87E-13	1141.87504	1216.05828	1292.18112	601.6514364	524.9008838	661.5623364	Ifnar2
ENSMUSG00000022367	0.094252216	-3.40732965	5.27E-14	5.93E-13	153.025574	110.550753	133.802072	20.71089282	5.120984232	12.25115438	Has2
ENSMUSG00000027368	0.208679945	-2.260636133	5.30E-14	5.96E-13	145.866482	205.448302	235.392534	47.63505349	41.82137123	32.66974501	Dusp2
ENSMUSG00000026979	0.24312644	-2.040221303	5.43E-14	6.11E-13	200.454553	309.150779	239.109258	53.84832133	73.40077399	54.10926517	Psd4
ENSMUSG00000026556	0.297305384	-1.749982507	5.58E-14	6.28E-13	172.713074	200.556676	223.003453	61.09713382	52.91683706	63.29763095	Vangl2
ENSMUSG00000047414	0.31075619	-1.686144966	5.77E-14	6.49E-13	1324.43187	871.687797	833.785133	353.1207226	317.5010224	271.5672554	Flrt2
ENSMUSG00000087543	3.176295803	1.667345274	5.78E-14	6.49E-13	101.122163	83.1576461	79.2901166	269.2416067	326.0359961	244.002158	Gm16576
ENSMUSG00000000197	3.61551347	1.854200551	5.99E-14	6.72E-13	282.784101	155.553715	167.25259	736.2722398	774.1221164	685.0437157	Nalcn
ENSMUSG00000033688	88.96303308	6.475134071	6.17E-14	6.92E-13	0.8948864	1.9566505	1.23890807	125.3009016	62.30530815	175.5998794	1300017J02Rik
ENSMUSG00000033208	0.42183888	-1.245236024	6.18E-14	6.92E-13	513.664791	527.317309	579.808978	245.4240799	192.0369087	247.0649466	S100b
ENSMUSG00000074793	0.468374571	-1.094265343	6.70E-14	7.50E-13	1192.88357	1233.66814	1281.03095	680.3528292	524.0473864	532.9252155	Hspa12b
ENSMUSG00000024989	0.10390701	-3.266635104	6.87E-14	7.68E-13	85.909094	99.7891754	70.6177601	6.213267846	11.94896321	8.167436252	Cep55
ENSMUSG00000006445	0.380093339	-1.395574354	7.26E-14	8.11E-13	333.792625	268.061118	283.709949	112.8743659	111.8081557	112.3022485	Epha2
ENSMUSG00000020423	2.692910925	1.42916651	7.38E-14	8.24E-13	2755.35521	2674.74123	3708.05186	9532.188421	6610.337146	8460.443028	Btg2
ENSMUSG00000025586	0.428551014	-1.222461143	7.66E-14	8.54E-13	1462.24437	1170.077	1194.30738	628.5755971	482.2260152	530.8833564	Cpeb1
ENSMUSG00000021130	2.838873944	1.50531879	8.00E-14	8.90E-13	945.89492	815.923257	1359.08216	2733.837852	3175.863721	2941.29798	Galnt16
ENSMUSG00000091649	0.128473455	-2.960457795	8.01E-14	8.91E-13	142.286937	380.568522	334.50518	42.45733028	34.99339225	32.66974501	Phf11b
ENSMUSG00000025964	0.201193858	-2.313341831	8.16E-14	9.08E-13	468.025585	271.974419	293.621213	78.70139272	49.50284757	80.65343299	Adam23
ENSMUSG00000025492	0.424929307	-1.234705247	8.27E-14	9.19E-13	5470.44054	7734.63942	7180.71119	2886.062915	2585.24354	3191.425716	Ifitm3
ENSMUSG00000034723	2.129699357	1.090649784	8.56E-14	9.50E-13	978.11083	869.731146	719.80559	1775.959059	1930.611055	1768.249949	Tmx4
ENSMUSG00000033610	3.036892284	1.602595738	8.98E-14	9.97E-13	108.281254	82.1793209	81.7679328	250.6018031	272.2656617	307.299789	Pank1
ENSMUSG00000018417	0.38582914	-1.373965985	9.19E-14	1.02E-12	909.204578	636.889737	784.22881	304.4501245	268.8516722	326.6974501	Myo1b
ENSMUSG00000030546	0.243586705	-2.037492703	9.46E-14	1.05E-12	3784.47457	1898.92931	2854.4442	881.2484895	547.9453128	651.3530411	Plin1
ENSMUSG00000047867	0.409946825	-1.286491307	9.46E-14	1.05E-12	975.426171	888.319326	693.788521	352.0851779	370.4178594	326.6974501	Gimap6
ENSMUSG00000028644	11.52666829	3.526903666	9.70E-14	1.07E-12	8.94886395	7.82660199	13.6279888	78.70139272	164.7249928	101.0720236	Ermap
ENSMUSG00000027834	3.205777721	1.680674397	9.93E-14	1.10E-12	453.707402	352.19709	260.170695	1261.293373	1199.163808	964.7784073	Serpini1
ENSMUSG00000019850	0.355002143	-1.494100362	1.01E-13	1.12E-12	470.710244	625.149834	470.785068	173.9714997	215.0813377	166.4115136	Tnfaip3
ENSMUSG00000025461	0.063657683	-3.973521548	1.03E-13	1.14E-12	76.96023	106.637452	76.8123005	4.142178564	2.560492116	10.20929532	Cd163l1
ENSMUSG00000032419	2.456777219	1.29676704	1.04E-13	1.14E-12	572.727293	562.537018	773.078637	1446.655864	1762.472073	1471.159455	Tbx18
ENSMUSG00000022799	0.432617585	-1.208835785	1.05E-13	1.15E-12	2205.89496	1761.96377	1713.40986	933.0257216	803.141027	722.8181083	Arhgap31
ENSMUSG00000031453	0.485215241	-1.043303227	1.05E-13	1.16E-12	2256.90349	1921.43079	2107.38263	1111.1394	874.8348063	1065.850431	Rasa3
ENSMUSG00000015396	0.169160316	-2.563536937	1.06E-13	1.17E-12	207.613644	350.240439	385.300411	44.52841956	74.25427136	39.81625173	Cd83
ENSMUSG00000097993	0.069869748	-3.839188261	1.09E-13	1.20E-12	174.502847	70.4394179	96.6348297	6.213267846	9.388471092	8.167436252	Ptprv
ENSMUSG00000019943	0.476516838	-1.069400902	1.18E-13	1.30E-12	3544.64501	4109.94437	4606.26021	2081.444728	2028.763253	1730.475556	Atp2b1
ENSMUSG00000029866	254.2220511	7.989945364	1.18E-13	1.30E-12	0	0	2.47781615	143.9407051	139.973569	239.9184399	Kel
ENSMUSG00000034919	6.186369684	2.629093048	1.21E-13	1.33E-12	18.7926143	17.6098545	18.5836211	114.9454552	87.91022931	137.8254868	Ttc22
ENSMUSG00000029438	2.636961776	1.398876659	1.28E-13	1.40E-12	386.590923	263.169492	268.843052	794.2627397	850.9368799	782.0320211	Bcl7a
ENSMUSG00000067149	0.040823863	-4.614443486	1.36E-13	1.48E-12	1005.85231	2385.15696	2042.95941	88.02129449	104.9801768	28.58602688	Jchain
ENSMUSG00000037868	0.251712424	-1.990151669	1.40E-13	1.53E-12	364.218763	383.503497	438.573458	126.3364462	64.0123029	109.2394599	Egr2
ENSMUSG00000032118	2.208666772	1.143175771	1.41E-13	1.54E-12	182.556825	203.491652	168.491498	421.4666689	409.6787385	396.1206582	Fez1
ENSMUSG00000042216	0.171252766	-2.545800806	1.42E-13	1.56E-12	175.397733	157.510365	116.457359	31.06633923	17.06994744	29.60695641	Sgsm1
ENSMUSG00000074221	2.243470775	1.16573239	1.43E-13	1.56E-12	431.335243	449.051289	332.027363	929.9190876	941.4076013	854.5180179	Zfp568
ENSMUSG00000075028	2.074140285	1.052513475	1.46E-13	1.59E-12	240.72444	208.383278	235.392534	459.7818206	480.5190204	478.8159503	Prdm11
ENSMUSG00000048279	3.091927582	1.628506529	1.53E-13	1.67E-12	809.872188	646.672989	463.351619	2034.84522	2218.23967	1690.659304	Sacs
ENSMUSG00000086712	0.047528599	-4.395060323	1.58E-13	1.72E-12	76.0653436	70.4394179	75.5733924	6.213267846	4.26748686	0	AI427809
ENSMUSG00000043061	2.047949443	1.034180101	1.63E-13	1.77E-12	774.971618	704.394179	619.454036	1291.324167	1509.836851	1501.787341	Tmem18
ENSMUSG00000055676	5.154137333	2.365730979	1.64E-13	1.78E-12	18.7926143	18.5881797	21.0614372	93.19901769	101.5661873	105.1557417	Gm5069
ENSMUSG00000022146	0.488680578	-1.033036326	1.70E-13	1.84E-12	2683.7643	2187.53526	2108.62154	1225.04931	1066.018218	1122.001555	Osmr
ENSMUSG00000024673	20.18884573	4.335486524	1.72E-13	1.86E-12	8.94886395	8.80492724	8.67235651	118.0520891	330.303483	84.73715112	Ms4a1
ENSMUSG00000002108	0.433173074	-1.206984528	1.76E-13	1.90E-12	523.508541	533.187261	655.38237	256.815071	226.1768036	258.2951715	Nr1h3
ENSMUSG00000017716	0.155394624	-2.685991506	1.84E-13	2.00E-12	117.230118	175.12022	252.737247	25.88861603	29.87240802	28.58602688	Birc5
ENSMUSG00000028194	0.169883534	-2.557382067	1.93E-13	2.09E-12	679.218774	558.623717	752.0172	119.0876337	55.47732918	164.3696546	Ddah1
ENSMUSG00000072258	2.097187575	1.068455903	1.94E-13	2.10E-12	428.650583	341.435512	351.849893	807.72482	802.2875297	746.2994875	Taf1a
ENSMUSG00000039745	0.331185406	-1.594288996	1.97E-13	2.12E-12	395.539787	498.945877	593.436967	178.1136783	139.1200716	175.5998794	Htatip2
ENSMUSG00000035187	11.7566435	3.555404327	2.00E-13	2.15E-12	6.26420477	4.89162624	18.5836211	100.4478302	105.8336741	129.6580505	Nkx6-1
ENSMUSG00000066278	2.82197504	1.496705227	2.00E-13	2.15E-12	198.66478	167.293618	123.890807	448.3908296	476.2515336	464.5229368	Vps37b
ENSMUSG00000025479	0.162924907	-2.617720926	2.09E-13	2.25E-12	12839.83	6177.14562	9280.66037	2114.582157	787.7780743	1709.036036	Cyp2e1
ENSMUSG00000051506	0.317718966	-1.654176881	2.10E-13	2.26E-12	339.161944	467.639469	336.982996	105.6255534	140.8270664	116.3859666	Wdfy4
ENSMUSG00000030102	2.441072874	1.287515365	2.16E-13	2.33E-12	4008.19617	3036.72157	2560.82299	8015.115522	7917.89512	7523.229718	Itpr1
ENSMUSG00000026630	0.114069589	-3.132013871	2.20E-13	2.37E-12	82.3295484	159.467016	135.04098	17.6042589	9.388471092	16.3348725	Batf3
ENSMUSG00000033491	0.117367058	-3.090900563	2.31E-13	2.48E-12	171.818188	80.2226704	116.457359	14.49762497	14.50945532	14.29301344	Prss35
ENSMUSG00000024043	0.251736417	-1.990014156	2.34E-13	2.51E-12	250.568191	184.903472	194.508567	67.31040167	46.94235546	44.92089939	Arhgap28
ENSMUSG00000029915	0.116450993	-3.102205149	2.43E-13	2.60E-12	114.545459	279.801021	154.863509	19.67534818	17.92344481	26.54416782	Clec5a
ENSMUSG00000029314	0.213629457	-2.226817506	2.44E-13	2.61E-12	348.110808	278.822696	472.023976	99.41228554	81.93574771	53.08833564	Gpat3
ENSMUSG00000032369	0.291731099	-1.777288905	2.63E-13	2.82E-12	274.730123	294.4759	241.587074	70.41703559	64.86580027	102.0929532	Plscr1
ENSMUSG00000063506	0.127873202	-2.967214135	2.76E-13	2.96E-12	98.4375035	106.637452	83.0068409	18.63980354	9.388471092	9.188365784	Arhgap22
ENSMUSG00000030677	0.216331037	-2.20868743	2.82E-13	3.02E-12	132.443187	190.773423	132.563164	33.13742851	36.70038699	28.58602688	Kif22
ENSMUSG00000053477	0.310288654	-1.688317153	3.02E-13	3.23E-12	5295.0428	6964.69745	10370.8995	2327.904353	2295.054433	2398.16347	Tcf4
ENSMUSG00000022010	2.867762322	1.51992546	3.06E-13	3.27E-12	6201.56272	5583.30219	6755.76572	15151.05364	14330.22088	23687.60699	Tsc22d1
ENSMUSG00000025825	2.12128724	1.084939987	3.26E-13	3.48E-12	1293.11084	1736.52732	1627.92521	3416.261771	3464.345833	2995.407245	Iscu
ENSMUSG00000037649	0.179598978	-2.477148953	3.63E-13	3.87E-12	416.122174	972.455297	690.071796	132.5497141	154.4830243	85.75808065	H2-DMa
ENSMUSG00000064945	568.7039547	9.151534026	3.65E-13	3.89E-12	0	0	1.23890807	206.0733836	110.101161	312.4044366	Rny3
ENSMUSG00000004360	0.230834629	-2.115068426	3.69E-13	3.93E-12	134.232959	124.247307	104.068278	28.99524995	26.45841853	28.58602688	9330159F19Rik
ENSMUSG00000033526	2.087814903	1.061993815	3.69E-13	3.93E-12	609.417635	547.862139	454.679263	1112.174944	1170.144897	1089.33181	Ppip5k1
ENSMUSG00000022769	0.267074255	-1.904687181	3.82E-13	4.06E-12	229.090917	355.132065	386.539319	82.84357128	80.22875297	95.96737596	Sdf2l1
ENSMUSG00000069892	0.336142171	-1.572856547	3.82E-13	4.06E-12	470.710244	451.00794	343.177536	142.9051605	164.7249928	117.4068961	9930111J21Rik2
ENSMUSG00000050737	0.1854661	-2.430772585	3.95E-13	4.20E-12	309.630693	325.782308	465.829435	102.5189195	46.08885809	56.15112423	Ptges

ENSMUSG00000028654	0.125647012	-2.992551734	4.00E-13	4.25E-12	69.8011388	74.3527189	79.2901166	9.319901769	7.681476348	11.23022485	Mycl
ENSMUSG00000023274	0.172726706	-2.533436933	4.08E-13	4.33E-12	138.707391	178.055195	185.836211	21.74643746	42.6748686	21.43952016	Cd4
ENSMUSG00000040466	2.239031456	1.162874797	4.11E-13	4.36E-12	599.573885	749.39714	816.44042	1667.226872	1734.30666	1440.531569	Blvrb
ENSMUSG00000044177	3.329019604	1.735097366	4.20E-13	4.45E-12	54.5880701	54.7862139	58.2286794	157.4027854	209.1068561	189.8928929	Wfikkn2
ENSMUSG00000022667	0.060987177	-4.035350241	4.38E-13	4.63E-12	74.2755708	142.835486	120.174083	3.106633923	12.80246058	4.083718126	Cd200r1
ENSMUSG00000031344	9.648592307	3.270318474	4.49E-13	4.75E-12	11.6335231	6.84827674	12.3890807	124.2653569	103.273182	68.40227861	Gabrq
ENSMUSG00000040624	0.337399049	-1.567472187	4.58E-13	4.84E-12	591.519907	442.203012	436.095642	199.8601157	145.0945532	152.1185002	Plekhg1
ENSMUSG00000062488	0.200518532	-2.31819252	4.70E-13	4.97E-12	313.210238	734.722262	515.385758	120.1231784	90.47072143	103.1138827	Ifit3b
ENSMUSG00000016262	0.338184746	-1.564116509	4.71E-13	4.97E-12	1256.4205	786.5735	935.375595	382.1159725	289.3356091	336.9067454	Sertad4
ENSMUSG00000026683	0.177677212	-2.492669438	4.73E-13	4.98E-12	102.017049	108.594103	139.996612	26.92416067	16.21645007	19.3976611	Nuf2
ENSMUSG00000057182	0.14269838	-2.808959141	4.73E-13	4.98E-12	269.360805	134.030559	136.279888	30.03079459	24.75142379	22.46044969	Scn3a
ENSMUSG00000048776	0.361294151	-1.468754195	4.78E-13	5.04E-12	301.576715	366.871968	358.044433	148.0828837	111.8081557	111.2813189	Pthlh
ENSMUSG00000035441	2.029817693	1.021350159	4.83E-13	5.07E-12	2002.75575	1545.75389	1523.85693	3510.496333	3323.518766	3468.097619	Myo1d
ENSMUSG00000040612	0.423445154	-1.239752974	4.83E-13	5.07E-12	1232.25857	996.913428	903.163985	484.634892	393.4622885	450.2299234	Ildr2
ENSMUSG00000043384	2.12266902	1.085879434	5.06E-13	5.31E-12	1153.50856	850.164641	888.297088	2055.556112	2087.654572	2000.000952	Gprasp1
ENSMUSG00000010175	0.203731401	-2.295259738	5.08E-13	5.33E-12	866.250031	535.143911	623.170761	170.8648658	79.37525559	163.348725	Prox1
ENSMUSG00000026483	2.399502246	1.262735163	5.16E-13	5.42E-12	5978.73601	4568.77891	3857.95974	12089.98368	11705.71646	10777.95306	Fam129a
ENSMUSG00000002699	0.296185482	-1.755427169	5.18E-13	5.43E-12	296.207397	451.986265	418.750929	93.19901769	121.1966268	130.67898	Lcp2
ENSMUSG00000034810	0.300465862	-1.73472701	5.56E-13	5.82E-12	2724.03419	1674.89283	1952.51912	736.2722398	471.1305493	702.3995177	Scn7a
ENSMUSG00000056492	0.312621205	-1.677512457	5.58E-13	5.84E-12	6810.08547	5329.91595	3545.7549	1833.949559	1567.021175	1503.8292	Adgrf5
ENSMUSG00000028664	0.298553896	-1.7439367	5.75E-13	6.02E-12	468.920471	318.934031	418.750929	126.3364462	93.88471092	140.8882754	Ephb2
ENSMUSG00000029082	0.207803374	-2.266709017	5.85E-13	6.12E-12	272.045464	456.877891	327.071731	98.3767409	50.35634495	71.46506721	Bst1
ENSMUSG00000021451	0.246297656	-2.021525196	5.89E-13	6.15E-12	405.383537	757.223742	418.750929	124.2653569	130.5850979	134.7626982	Sema4d
ENSMUSG00000070327	0.387908386	-1.366212128	5.97E-13	6.24E-12	2431.40634	2907.58264	1841.0174	895.7461145	863.7393404	1027.055109	Rnf213
ENSMUSG00000022105	2.184026621	1.126990441	6.09E-13	6.35E-12	783.920482	638.846387	561.225357	1507.752997	1468.868977	1362.940925	Rb1
ENSMUSG00000022235	0.409825776	-1.28691737	6.18E-13	6.45E-12	348.110808	336.543886	385.300411	158.4383301	125.4641137	155.1812888	Cmbl
ENSMUSG00000030162	0.274772727	-1.86368928	6.26E-13	6.52E-12	206.718757	158.48869	153.624601	46.59950885	52.06333969	43.89996986	Olr1
ENSMUSG00000032572	0.123264154	-3.020174782	6.26E-13	6.52E-12	120.809663	84.1359714	87.9624732	12.42653569	16.21645007	7.146506721	Col6a4
ENSMUSG00000041556	5.652160007	2.498802308	6.28E-13	6.54E-12	34.9005694	14.6748787	34.689426	150.1539729	164.7249928	159.2650069	Fbxo2
ENSMUSG00000026785	0.491538076	-1.024624918	6.37E-13	6.63E-12	1964.27564	2166.0121	1953.75803	1166.023266	919.2166696	906.585424	Pkn3
ENSMUSG00000010529	0.101913799	-3.294578693	6.40E-13	6.65E-12	100.227276	120.334006	204.419832	17.6042589	7.681476348	18.37673157	Gm266
ENSMUSG00000001517	0.263956229	-1.921629382	6.49E-13	6.73E-12	144.971596	197.6217	146.191153	42.45733028	41.82137123	44.92089939	Foxm1
ENSMUSG00000034949	2.225241752	1.15396208	6.58E-13	6.83E-12	247.883532	189.795098	216.808913	494.9903384	471.1305493	492.0880342	Zfr2
ENSMUSG00000042215	2.28854969	1.194433617	6.69E-13	6.93E-12	168.238642	187.838448	146.191153	395.5780529	386.6343095	370.5974199	Bag2
ENSMUSG00000023232	0.06324468	-3.982912064	6.69E-13	6.94E-12	82.3295484	297.410876	128.84644	13.46208033	7.681476348	11.23022485	Serinc2
ENSMUSG00000037979	4.997373595	2.321170075	6.85E-13	7.09E-12	34.005683	38.1546847	40.8839664	168.7937765	140.8270664	254.2114533	Ccdc92
ENSMUSG00000026395	0.374081869	-1.418574053	6.89E-13	7.13E-12	1606.32108	2228.62492	1408.63848	598.5448025	712.6703056	650.3321116	Ptprc
ENSMUSG00000001156	2.230768414	1.157540749	6.90E-13	7.14E-12	393.750014	497.967552	473.262884	914.385918	974.6939988	1153.650371	Mxd1
ENSMUSG00000034040	0.213473646	-2.227870118	6.98E-13	7.22E-12	279.204555	277.844371	436.095642	83.87911592	46.94235546	81.67436252	Galnt17
ENSMUSG00000053519	5.446659791	2.445371756	7.05E-13	7.28E-12	19.6875007	20.5448302	27.2559776	101.4833748	111.8081557	151.0975707	Kcnip1
ENSMUSG00000019890	0.220432652	-2.181590156	7.06E-13	7.29E-12	181.661938	179.033521	287.426673	45.5639642	40.11437648	57.17205377	Nts
ENSMUSG00000060429	5.38296045	2.428399826	7.20E-13	7.43E-12	156.605119	88.0492724	54.5119552	545.7320258	579.5247156	495.1508228	Sntb1
ENSMUSG00000109635	4.552932565	2.186796091	7.30E-13	7.52E-12	35.7954558	37.1763594	19.8225292	133.5852587	148.5085427	145.992923	Gm45670
ENSMUSG00000031209	0.290811409	-1.781844226	7.30E-13	7.53E-12	441.178993	374.69857	261.409603	114.9454552	98.15219778	101.0720236	Heph
ENSMUSG00000009772	0.198115103	-2.335589229	7.62E-13	7.85E-12	134.232959	231.863084	229.197993	47.63505349	37.55388437	32.66974501	Nuak2
ENSMUSG00000026890	0.28870031	-1.792355441	7.67E-13	7.90E-12	346.321035	445.137988	381.583686	142.9051605	116.0756426	79.63250346	Lhx6
ENSMUSG00000061232	0.329495491	-1.601669371	7.72E-13	7.94E-12	13250.5829	25051.9746	17647.0066	6667.871944	5780.7377	5986.730773	H2-K1
ENSMUSG00000003355	0.23659726	-2.07949473	8.14E-13	8.36E-12	160.184665	148.705438	213.092188	50.74168741	34.13989488	38.7953222	Fkbp11
ENSMUSG00000022148	0.265932018	-1.910870608	8.38E-13	8.60E-12	716.804003	1273.77947	1347.93198	273.3837852	256.0492116	358.3462656	Fyb
ENSMUSG00000037997	0.379700303	-1.397066946	8.90E-13	9.12E-12	386.590923	530.252285	551.314092	176.042589	188.6229192	191.9347519	Parp11
ENSMUSG00000055003	8.139835264	3.024999597	9.48E-13	9.72E-12	10.7386367	18.5881797	6.19454036	86.98574985	99.00569515	108.2185303	Lrtm2
ENSMUSG00000064043	0.42213673	-1.244217732	9.52E-13	9.75E-12	550.355133	630.04146	743.344844	252.6728924	259.4632011	299.1323527	Trerf1
ENSMUSG00000037661	0.306714504	-1.705031703	9.83E-13	1.01E-11	141.39205	145.770462	162.296958	46.59950885	46.08885809	44.92089939	Gpr160
ENSMUSG00000098188	0.345362024	-1.533818643	1.01E-12	1.03E-11	553.039792	387.416798	561.225357	173.9714997	193.7439034	150.0766411	Sowahc
ENSMUSG00000076613	0.159557988	-2.647847254	1.03E-12	1.06E-11	105.596595	156.53204	115.218451	23.81752674	23.89792642	12.25115438	Ighg2b
ENSMUSG00000079293	0.180089996	-2.47321005	1.08E-12	1.11E-11	445.653425	1020.39323	667.771451	164.6515979	84.49623982	135.7836277	Clec7a
ENSMUSG00000047907	0.260534338	-1.940454565	1.12E-12	1.15E-11	916.363669	1249.32134	1860.83993	398.6846868	280.8006354	369.5764904	Tshz2
ENSMUSG00000031264	0.284908323	-1.811430326	1.13E-12	1.15E-11	170.923302	240.668011	245.303798	64.20376774	54.62383181	68.40227861	Btk
ENSMUSG00000038357	0.006731984	-7.214752498	1.14E-12	1.16E-11	77.8551164	247.516288	94.1570135	0	2.560492116	0	Camp
ENSMUSG00000028184	2.211102923	1.144766182	1.17E-12	1.19E-11	1633.16767	1220.94991	1147.22888	2956.47995	3070.030047	2826.953873	Adgrl2
ENSMUSG00000031517	0.303933724	-1.71817133	1.17E-12	1.19E-11	851.931848	762.115369	579.808978	286.8458656	208.2533588	172.5370908	Gpm6a
ENSMUSG00000036036	0.294347916	-1.764405682	1.17E-12	1.19E-11	493.082404	414.809905	431.140009	179.1492229	100.7126899	115.3650371	Zfp57
ENSMUSG00000043895	0.396239319	-1.335556048	1.18E-12	1.20E-11	583.46593	520.469032	532.730471	237.1397228	242.3932536	168.4533727	S1pr2
ENSMUSG00000024899	0.390016983	-1.35839115	1.19E-12	1.20E-11	1044.33242	794.400102	1081.56675	447.3552849	327.7429908	364.4718428	Papss2
ENSMUSG00000026494	0.425928276	-1.231317585	1.19E-12	1.20E-11	849.247189	614.388256	789.184442	302.3790352	343.1059435	313.4253662	Kif26b
ENSMUSG00000030110	0.287489633	-1.798418162	1.19E-12	1.21E-11	268.465919	402.091677	424.945469	122.1942676	88.76372668	104.1348122	Ret
ENSMUSG00000002266	0.126966812	-2.977476659	1.20E-12	1.22E-11	213.877849	126.203957	131.324256	28.99524995	11.09546584	20.41859063	Zim1
ENSMUSG00000027857	4.223081904	2.078296228	1.21E-12	1.22E-11	26.8465919	26.4147817	28.4948857	112.8743659	127.1711084	104.1348122	Tshb
ENSMUSG00000041737	0.209108824	-2.257674155	1.25E-12	1.26E-11	1308.32391	707.329155	1344.21526	307.5567584	152.7760296	242.9812285	Tmem45b
ENSMUSG00000000804	2.435320445	1.284111618	1.25E-12	1.27E-11	815.241506	605.583329	527.774839	1585.418845	1527.760296	1639.612828	Usp32
ENSMUSG00000037306	0.375075705	-1.414746276	1.26E-12	1.27E-11	1253.73584	958.758744	879.624732	431.8221153	318.3545197	411.4346012	Man1c1
ENSMUSG00000026480	0.275809058	-1.858258255	1.27E-12	1.28E-11	590.625021	1159.31542	919.26979	278.5615084	244.1002484	213.3742721	Ncf2
ENSMUSG00000001986	0.33543399	-1.575899209	1.27E-12	1.28E-11	585.255703	431.441435	389.017135	175.0070443	161.3110033	135.7836277	Gria3
ENSMUSG00000023055	2.056810432	1.040408833	1.27E-12	1.28E-11	1630.48301	1367.6987	1165.8125	2887.098459	2834.464772	2850.435252	Calcoco1
ENSMUSG00000059461	27.6631101	4.789891459	1.28E-12	1.29E-11	2.68465919	2.93497575	2.47781615	91.12792841	88.76372668	44.92089939	Gm7331
ENSMUSG00000002007	5.338529254	2.416442339	1.33E-12	1.34E-11	91.2784123	237.733035	104.068278	707.2769898	805.7015191	801.4296822	Srpk3
ENSMUSG00000023805	2.307505696	1.206334209	1.35E-12	1.36E-11	1040.75288	730.808961	747.061568	1825.665202	1975.846416	2015.314895	Synj2
ENSMUSG00000041235	0.21566136	-2.213160386	1.36E-12	1.37E-11	484.13354	882.449374	1148.46778	149.1184283	183.501935	209.290554	Chd7
ENSMUSG00000020089	0.416595728	-1.26328005	1.39E-12	1.39E-11	1277.89777	919.625734	1283.50876	525.021133	439.5511466	485.962457	Ppa1
ENSMUSG00000074415	2.591682581	1.373889034	1.40E-12	1.41E-11	1992.01712	1443.02974	1357.84325	3418.33286	4414.288408	4594.182892	2610203C20Rik
ENSMUSG00000016995	0.073329458	-3.76946332	1.41E-12	1.42E-11	595.099453	119.35568	310.965926	24.85307138	17.92344481	32.66974501	Matn4
ENSMUSG00000009687	0.401975508	-1.314820491	1.51E-12	1.51E-11	1835.412	2718.76587	2766.48173	1051.077811	908.1212038	983.1551389	Fxyd5
ENSMUSG00000022842	0.346540962	-1.528902204	1.53E-12	1.53E-11	462.656266	320.890682	457.157079	140.8340712	158.7505112	129.6580505	Ece2
ENSMUSG00000000359	0.314923009	-1.666928928	1.67E-12	1.67E-11	280.099442	214.253229	320.877191	92.16347305	76.81476348	87.79993971	Rem1
ENSMUSG00000061603	2.66492225	1.414093442	1.71E-12	1.71E-11	478.764222	536.122236	335.744088	1328.603774	1205.138289	1071.976008	Akap6
ENSMUSG00000028033	3.9528979	1.982910692	1.74E-12	1.73E-11	34.005683	55.7645392	56.9897713	207.1089282	202.2788772	166.4115136	Kcnq5
ENSMUSG00000074874	3.025763965	1.59729945	1.75E-12	1.74E-11	220.142053	248.494613	310.965926	758.0186772	618.7855947	978.0504912	Ctla2b
ENSMUSG00000038260	2.052119451	1.037114711	1.75E-12	1.74E-11	611.207408	468.617794	540.16392	1074.895337	1054.922752	1196.529411	Trpm4
ENSMUSG00000070390	0.090967904	-3.458498583	1.76E-12	1.75E-11	80.5397756	120.334006	95.3959216	14.49762497	9.388471092	3.062788595	Nlrp1b
ENSMUSG00000029088	11.46962631	3.519746482	1.79E-12	1.78E-11	34.005683	7.82660199	8.67235651	201.931205	182.6484376	206.2277654	Kcnip4
ENSMUSG00000042834	0.405137195	-1.303517554	1.79E-12	1.78E-11	3269.02	4018.96012	5236.86442	1654.800336	1792.344481	1625.319814	Nrep
ENSMUSG00000073411	0.371342475	-1.429177753	1.80E-12	1.79E-11	15605.9238	27150.4823	19561.1196	8181.838209	7276.065096	7683.515654	H2-D1
ENSMUSG00000003484	0.205530077	-2.282578562	1.81E-12	1.80E-11	172.713074	334.587235	294.860121	68.34594631	48.6493502	47.98368798	Cyp4f18

ENSMUSG00000022018	0.359559816	-1.475696298	1.83E-12	1.81E-11	587.045475	493.075925	778.03427	237.1397228	221.9093167	208.2696244	Rgcc
ENSMUSG00000046731	0.490079335	-1.02891278	1.85E-12	1.83E-11	566.463088	480.357697	564.942081	254.7439817	260.3166985	274.630044	Kctd11
ENSMUSG00000052221	19.80106872	4.307506394	1.85E-12	1.84E-11	6.26420477	0.97832525	3.71672422	70.41703559	58.03782129	91.88365784	Ppp1r36
ENSMUSG00000078517	2.240648408	1.163916286	1.91E-12	1.90E-11	772.286959	754.288767	538.925012	1509.824087	1585.798117	1539.561734	Emc1
ENSMUSG00000041959	0.470575469	-1.087501978	1.94E-12	1.92E-11	4006.40639	4656.82818	5401.6392	2408.676835	1944.267013	2265.44263	S100a10
ENSMUSG00000040253	0.327086271	-1.612256888	1.94E-12	1.92E-11	1251.94607	2364.61213	1787.74435	579.904999	608.5436262	578.8670444	Gbp7
ENSMUSG00000021765	0.347936983	-1.523102061	1.96E-12	1.94E-11	817.031279	844.29469	1222.80227	377.973794	277.3866459	348.1369703	Fst
ENSMUSG00000105746	18.50723668	4.210017597	1.99E-12	1.97E-11	8.05397756	5.86995149	0	64.20376774	109.2476636	99.03016456	Gm43595
ENSMUSG00000039137	3.614763679	1.853901332	2.08E-12	2.05E-11	126.178982	67.5044422	81.7679328	337.587553	308.1125513	354.2625474	Whrn
ENSMUSG00000040061	0.184877803	-2.435356076	2.10E-12	2.07E-11	128.863641	211.318254	139.996612	38.31515172	28.16541327	22.46044969	Plcb2
ENSMUSG00000032666	0.450325633	-1.150959497	2.12E-12	2.09E-11	904.730146	1106.48586	795.378983	426.6443921	404.5577543	433.8950509	1700025G04Rik
ENSMUSG00000028678	0.128876742	-2.955936164	2.26E-12	2.23E-11	65.3267069	87.0709471	70.6177601	8.284357128	11.09546584	9.188365784	Kif2c
ENSMUSG00000068122	0.004407768	-7.82573614	2.32E-12	2.29E-11	208.50853	86.0926219	137.518796	0	1.706994744	0	Agtr2
ENSMUSG00000084989	0.020826642	-5.585425977	2.33E-12	2.29E-11	63.5369341	115.442379	53.2730471	2.071089282	0.853497372	2.041859063	Crocc2
ENSMUSG00000022534	0.059510961	-4.070700775	2.36E-12	2.32E-11	70.6960252	133.052234	83.0068409	7.248812487	8.53497372	1.020929532	Mefv
ENSMUSG00000029780	2.4575579	1.297225407	2.38E-12	2.33E-11	442.073879	665.261169	568.658805	1234.369212	1357.060821	1525.26872	Nt5c3
ENSMUSG00000003153	3.602923966	1.849168206	2.38E-12	2.34E-11	178.082393	141.857161	151.146785	558.1585615	394.3157858	747.3204171	Slc2a3
ENSMUSG00000034488	0.057410025	-4.122553507	2.42E-12	2.37E-11	242.514213	70.4394179	218.047821	8.284357128	5.120984232	17.35580204	Edil3
ENSMUSG00000042684	0.146347901	-2.772526036	2.49E-12	2.43E-11	78.7500028	100.767501	123.890807	10.35544641	14.50945532	19.3976611	Npl
ENSMUSG00000039683	0.202755127	-2.302189698	2.63E-12	2.57E-11	95.7528443	124.247307	130.085348	28.99524995	18.77694218	23.48137923	Sdk1
ENSMUSG00000039770	2.634762988	1.397673189	2.65E-12	2.59E-11	979.900603	1294.3243	1456.95589	2987.546289	2856.655704	3981.625173	Ypel5
ENSMUSG00000022906	0.488247472	-1.03431552	2.66E-12	2.60E-11	913.67901	1206.27503	1004.75445	508.4524187	502.7099521	514.5484839	Parp9
ENSMUSG00000027864	0.412096417	-1.278946175	2.66E-12	2.60E-11	3926.7615	2651.26142	3628.76174	1587.489935	1250.37365	1369.066502	Ptgfrn
ENSMUSG00000026311	2.4957118	1.319451344	2.69E-12	2.62E-11	460.866494	359.045366	403.884032	946.4878019	870.5673194	1239.408451	Asb1
ENSMUSG00000022439	0.201992284	-2.307627912	2.74E-12	2.67E-11	119.019891	226.971458	182.119487	35.20851779	37.55388437	33.69067454	Parvg
ENSMUSG00000020542	4.15985053	2.056531691	2.76E-12	2.68E-11	437.599447	303.280827	177.163854	1387.629819	1323.774424	1116.896907	Myocd
ENSMUSG00000000881	2.064845204	1.04603363	2.76E-12	2.69E-11	505.610813	418.723206	562.464265	971.3408733	1066.018218	1028.076038	Dlg3
ENSMUSG00000084796	0.103724252	-3.269174845	2.79E-12	2.71E-11	76.0653436	215.231555	162.296958	17.6042589	17.06994744	12.25115438	Mir142hg
ENSMUSG00000029752	0.293234773	-1.7698719	2.89E-12	2.80E-11	310.525579	226.971458	223.003453	88.02129449	61.45181078	74.5278558	Asns
ENSMUSG00000035004	0.259893271	-1.944008817	2.97E-12	2.88E-11	230.88069	355.132065	216.808913	80.772482	64.0123029	64.31856049	Igsf6
ENSMUSG00000086040	0.28439508	-1.814031586	2.98E-12	2.89E-11	803.607983	613.409931	421.228745	191.5757586	153.629527	178.662668	Wipf3
ENSMUSG00000046561	0.134054212	-2.899111545	3.05E-12	2.95E-11	123.494323	99.7891754	89.2013812	12.42653569	8.53497372	21.43952016	Arsj
ENSMUSG00000035711	0.346296281	-1.529921199	3.09E-12	2.99E-11	260.411941	390.351774	351.849893	119.0876337	113.5151505	114.3441075	Dok3
ENSMUSG00000053137	0.255532029	-1.968423964	3.13E-12	3.02E-11	217.457394	321.869007	377.866962	92.16347305	78.52175822	63.29763095	Mapk11
ENSMUSG00000066357	2.628047172	1.393991171	3.16E-12	3.05E-11	956.633557	616.344907	629.365301	1762.496979	1945.120511	2085.759033	Wdr6
ENSMUSG00000034795	0.218030013	-2.197401349	3.17E-12	3.06E-11	91.2784123	118.377355	118.935175	25.88861603	21.3374343	24.50230876	Ccdc122
ENSMUSG00000094403	79.73659476	6.31717009	3.19E-12	3.08E-11	0	1.9566505	1.23890807	75.59475879	75.10776873	93.9255169	Mir692-2
ENSMUSG00000045377	0.404107866	-1.307187661	3.22E-12	3.11E-11	331.107966	428.506459	339.460812	155.3316962	151.0690348	137.8254868	Tmem88
ENSMUSG00000026956	0.432967441	-1.207669555	3.28E-12	3.15E-11	799.133551	897.124253	1116.25617	398.6846868	377.2458384	441.0415576	Uap1l1
ENSMUSG00000034205	0.34917195	-1.517990427	3.33E-12	3.21E-11	2366.97452	2236.45152	3802.20887	1043.828998	955.0635592	935.1714509	Loxl2
ENSMUSG00000025324	2.331185693	1.221063928	3.51E-12	3.38E-11	800.923324	620.258208	535.208287	1627.876176	1512.397343	1427.259485	Atp10a
ENSMUSG00000026622	0.122961108	-3.023726028	3.53E-12	3.39E-11	75.1704572	108.594103	91.6791974	7.248812487	9.388471092	17.35580204	Nek2
ENSMUSG00000040605	0.483075015	-1.049680857	3.63E-12	3.48E-11	1157.08811	1198.44843	1054.31077	597.5092579	460.8885809	591.1181988	Bace2
ENSMUSG00000046688	0.351834157	-1.507032544	3.83E-12	3.67E-11	368.693195	568.406969	491.846505	183.2914015	150.2155375	169.4743022	Tifa
ENSMUSG00000032507	3.017289771	1.593253255	4.05E-12	3.87E-11	206.718757	141.857161	125.129715	428.7154814	479.665523	526.7996383	Fbxl2
ENSMUSG00000037465	0.452245781	-1.144821051	4.08E-12	3.90E-11	1043.43754	897.124253	1059.2664	530.1988562	387.4878069	440.0206281	Klf10
ENSMUSG00000041423	2.541777056	1.345837495	4.13E-12	3.95E-11	150.340914	120.334006	128.84644	336.5520083	299.5775776	381.8276448	Paqr6
ENSMUSG00000042804	0.373331247	-1.421471832	4.14E-12	3.95E-11	1259.10516	859.947894	1138.55652	473.2439009	334.5709698	409.3927421	Gpr153
ENSMUSG00000020737	0.352301183	-1.505118775	4.15E-12	3.97E-11	1083.70742	1688.58938	1885.61809	571.6206418	553.9197944	514.5484839	Hn1
ENSMUSG00000026770	0.0733169	-3.769710396	4.17E-12	3.98E-11	51.0085245	67.5044422	80.5290247	7.248812487	3.413989488	4.083718126	Il2ra
ENSMUSG00000041445	0.465452401	-1.103294456	4.26E-12	4.06E-11	3487.37228	3475.01128	2583.12333	1634.089444	1392.907711	1418.071119	Mmrn2
ENSMUSG00000088948	38.16108858	5.254030421	4.45E-12	4.24E-11	3.57954558	0.97832525	1.23890807	72.48812487	108.3941662	49.00461751	Gm23262
ENSMUSG00000022844	0.448607538	-1.156474232	4.52E-12	4.31E-11	791.079574	729.830635	699.983061	362.4406244	271.4121643	364.4718428	Pdia5
ENSMUSG00000020589	0.375085062	-1.414710289	4.55E-12	4.34E-11	475.184676	454.921241	381.583686	181.2203122	129.7316005	182.7463861	Fam49a
ENSMUSG00000007659	2.183118697	1.126390572	4.57E-12	4.35E-11	944.105147	1165.18537	1378.90468	2433.529906	2464.046913	2710.567906	Bcl2l1
ENSMUSG00000018983	6.545114383	2.710418405	4.60E-12	4.38E-11	117.230118	218.16653	126.368623	756.9831326	614.5181078	1652.884912	E2f2
ENSMUSG00000027525	5.411524161	2.436034988	4.62E-12	4.39E-11	19.6875007	14.6748787	18.5836211	99.41228554	80.22875297	107.1976008	Phactr3
ENSMUSG00000106928	4.312709366	2.108594496	4.83E-12	4.59E-11	42.954547	28.3714322	55.7508633	160.5094194	209.1068561	173.5580204	Gm43860
ENSMUSG00000003206	0.079719836	-3.648917447	4.88E-12	4.64E-11	53.6931837	70.4394179	105.307186	4.142178564	6.827978976	7.146506721	Ebi3
ENSMUSG00000022469	0.469764338	-1.089990901	5.10E-12	4.84E-11	675.639229	650.58629	581.047886	341.7297315	267.1446774	288.9230574	Rapgef3
ENSMUSG00000039697	2.007210602	1.005191996	5.21E-12	4.93E-11	444.758539	383.503497	396.450583	792.1916504	751.0776873	917.8156488	Ncoa7
ENSMUSG00000037664	0.406956062	-1.297055055	5.28E-12	5.00E-11	770.497186	732.765611	1075.37221	335.5164637	354.2014094	358.3462656	Cdkn1c
ENSMUSG00000067203	0.30376492	-1.718972825	5.34E-12	5.05E-11	183.451711	265.126142	196.986384	67.31040167	59.74481604	69.42320814	H2-K2
ENSMUSG00000002297	0.222961378	-2.165134269	5.41E-12	5.11E-11	151.235801	198.600025	203.180924	38.31515172	55.47732918	28.58602688	Dbf4
ENSMUSG00000031373	0.347693212	-1.524113192	5.48E-12	5.17E-11	1107.86936	671.131121	908.119617	360.3695351	287.6286144	286.8811984	Car5b
ENSMUSG00000027359	25.38180495	4.665722761	5.90E-12	5.56E-11	10.7386367	12.7182282	4.95563229	232.9975442	57.18432392	440.0206281	Slc27a2
ENSMUSG00000017400	0.146475043	-2.771273217	6.15E-12	5.79E-11	68.0113661	89.0275976	73.0955763	13.46208033	11.09546584	9.188365784	Stac2
ENSMUSG00000031840	2.284812419	1.192075726	6.39E-12	6.01E-11	229.985804	325.782308	310.965926	650.3220346	649.5115001	676.8762794	Rab3a
ENSMUSG00000051262	0.116378314	-3.103105842	6.45E-12	6.07E-11	95.7528443	62.6128159	64.4232198	8.284357128	8.53497372	9.188365784	Nat8f3
ENSMUSG00000023224	0.390580584	-1.35630786	6.51E-12	6.11E-11	16185.8102	12744.643	10722.7494	5922.279802	4165.920673	5401.738151	Serping1
ENSMUSG00000041731	2.153313924	1.10655866	6.55E-12	6.15E-11	2749.98589	2366.56878	1890.57372	5428.325008	4940.896286	4726.903731	Pgm5
ENSMUSG00000029442	0.375976446	-1.411285811	6.63E-12	6.22E-11	426.860811	344.370488	356.805525	167.7582318	117.7826373	139.8673458	Wdr66
ENSMUSG00000039126	0.46265833	-1.111980929	6.65E-12	6.23E-11	323.948875	318.934031	318.399375	138.7629819	161.3110033	143.9510639	Prune2
ENSMUSG00000024665	3.258291026	1.704115469	6.71E-12	6.29E-11	352.58524	193.708399	205.65874	753.8764987	833.013435	868.8110313	Fads2
ENSMUSG00000040687	0.485047727	-1.043801385	7.20E-12	6.74E-11	524.403428	586.016824	495.563229	235.0686335	265.4376827	278.7137621	Madd
ENSMUSG00000044469	0.23607367	-2.082690951	7.25E-12	6.79E-11	148.551142	114.464054	157.341325	39.35069636	25.60492116	34.71160407	Tnfaip8l1
ENSMUSG00000030043	0.071491436	-3.806085758	7.32E-12	6.85E-11	53.6931837	58.6995149	74.3344844	3.106633923	6.827978976	3.062788595	Tacr1
ENSMUSG00000034394	0.197352333	-2.341154519	7.44E-12	6.95E-11	97.5426171	115.442379	162.296958	23.81752674	27.3119159	22.46044969	Lif
ENSMUSG00000021062	0.070420447	-3.827861814	7.53E-12	7.04E-11	74.2755708	70.4394179	153.624601	8.284357128	9.388471092	3.062788595	Rab15
ENSMUSG00000025597	0.205447987	-2.283154902	7.88E-12	7.36E-11	929.786965	617.323232	360.522249	150.1539729	111.8081557	130.67898	Klhl4
ENSMUSG00000059325	0.265875651	-1.911176436	7.89E-12	7.37E-11	312.315352	300.345851	343.177536	120.1231784	75.10776873	59.21391283	Hopx
ENSMUSG00000032649	0.182019524	-2.45783489	8.03E-12	7.49E-11	105.596595	88.0492724	83.0068409	17.6042589	12.80246058	20.41859063	Colgalt2
ENSMUSG00000046186	0.370041895	-1.434239476	8.36E-12	7.79E-11	1719.07677	1103.55088	1188.11284	568.5140079	469.4235546	447.1671348	Cd109
ENSMUSG00000005672	0.30784819	-1.699709006	8.45E-12	7.87E-11	289.943192	284.692647	340.69972	124.2653569	73.40077399	84.73715112	Kit
ENSMUSG00000036904	2.185278957	1.127817455	8.73E-12	8.13E-11	494.872177	354.15374	382.822594	866.7508645	931.1656328	897.3970582	Fzd8
ENSMUSG00000039145	0.459728522	-1.121145921	8.83E-12	8.22E-11	438.494334	475.466071	506.713402	216.42883	192.0369087	245.0230876	Camk1d
ENSMUSG00000037124	355.5290478	8.473823627	8.91E-12	8.29E-11	0	0	0	71.45258023	70.84028187	59.21391283	Trim58
ENSMUSG00000021108	0.320424219	-1.641944897	9.03E-12	8.40E-11	757.073891	728.85231	438.573458	224.7131871	192.8904061	200.1021882	Prkch
ENSMUSG00000037443	0.441894695	-1.178225485	9.29E-12	8.62E-11	1251.94607	1702.28593	1310.76474	679.3172845	658.0464738	547.2182289	Cep85
ENSMUSG00000027239	0.201041616	-2.314433925	9.40E-12	8.72E-11	935.156283	565.471994	1247.58043	241.2819014	117.7826373	193.976611	Mdk
ENSMUSG00000020325	3.175667941	1.667060067	9.76E-12	9.05E-11	375.852286	273.93107	190.791843	841.8977932	976.4009935	858.601736	Fstl3
ENSMUSG00000045404	0.064401986	-3.956751017	9.88E-12	9.15E-11	70.6960252	66.5261169	105.307186	10.35544641	3.413989488	2.041859063	Kcnk13
ENSMUSG00000068417	0.159314349	-2.650051879	9.95E-12	9.21E-11	70.6960252	99.7891754	95.3959216	10.35544641	14.50945532	17.35580204	Pnp2

ENSMUSG00000060131	0.305394106	-1.711255875	1.03E-11	9.54E-11	150.340914	183.925147	157.341325	42.45733028	49.50284757	58.1929833	Atp8b4
ENSMUSG00000083646	315.3399356	8.300764079	1.03E-11	9.54E-11	0	0.97832525	0	99.41228554	116.0756426	132.7208391	Gm6088
ENSMUSG00000063268	0.411459756	-1.281176766	1.07E-11	9.85E-11	626.420477	825.70651	929.181054	337.587553	298.7240802	343.0323226	Parp10
ENSMUSG00000041654	0.426116188	-1.230681234	1.07E-11	9.89E-11	292.627851	268.061118	249.020523	109.7677319	122.0501242	113.323178	Slc39a11
ENSMUSG00000046167	2.275053289	1.185900338	1.07E-11	9.89E-11	290.838079	246.537963	211.85328	526.0566776	621.3460868	561.5112423	Gldn
ENSMUSG00000065475	3.552984957	1.829031581	1.08E-11	1.00E-10	60.8522749	52.8295634	35.9283341	160.5094194	185.2089297	190.9138224	Mir27b
ENSMUSG00000020363	0.370449447	-1.432651413	1.09E-11	1.00E-10	815.241506	667.21782	688.832888	338.6230976	209.9603535	257.2742419	Gfpt2
ENSMUSG00000031639	0.478065353	-1.064720243	1.12E-11	1.03E-10	440.284107	496.989226	431.140009	241.2819014	206.546364	207.2486949	Tlr3
ENSMUSG00000087142	3.687621439	1.88269056	1.15E-11	1.06E-10	35.7954558	34.2413837	29.7337937	134.6208033	110.9546584	124.5534028	Gm12454
ENSMUSG00000028167	0.352858206	-1.502839533	1.15E-11	1.06E-10	233.565349	198.600025	234.153626	93.19901769	70.84028187	71.46506721	Bdh2
ENSMUSG00000022504	0.186049345	-2.426242785	1.16E-11	1.07E-10	289.943192	495.032576	265.126328	52.81277669	93.88471092	47.98368798	Ciita
ENSMUSG00000096727	0.243502084	-2.037993977	1.26E-11	1.15E-10	403.593764	944.083865	722.283406	160.5094194	164.7249928	178.662668	Psmb9
ENSMUSG00000097324	4.21758392	2.076416775	1.29E-11	1.18E-10	1089.07674	691.675951	400.167307	3310.636217	2994.922278	2902.502658	Carmn
ENSMUSG00000021506	0.149730231	-2.739562556	1.29E-11	1.19E-10	120.809663	127.182282	266.365236	25.88861603	27.3119159	23.48137923	Pitx1
ENSMUSG00000073759	28.27964586	4.821692149	1.36E-11	1.24E-10	2.68465919	0.97832525	2.47781615	48.67059813	59.74481604	64.31856049	4933407E24Rik
ENSMUSG00000021200	3.558461177	1.831253496	1.37E-11	1.26E-10	539.616496	1076.15777	540.16392	2351.72188	2603.166985	2719.756272	Asb2
ENSMUSG00000035681	0.139618861	-2.840434249	1.38E-11	1.26E-10	135.127846	100.767501	68.139944	15.53316962	11.94896321	15.31394297	Kcnc2
ENSMUSG00000043505	0.389919783	-1.35875074	1.45E-11	1.32E-10	247.883532	212.296579	214.331097	92.16347305	91.3242188	79.63250346	Gimap5
ENSMUSG00000040856	0.057472796	-4.120976959	1.45E-11	1.32E-10	107.386367	93.9192239	241.587074	16.56871426	5.974481604	3.062788595	Dlk1
ENSMUSG00000023979	4.051957599	2.018619077	1.54E-11	1.41E-10	33.1107966	30.3280827	33.450518	111.8388212	120.3431294	160.2859364	Guca1b
ENSMUSG00000106258	84.18591334	6.395506945	1.57E-11	1.43E-10	0	1.9566505	1.23890807	81.80802664	120.3431294	56.15112423	Rpl7a-ps7
ENSMUSG00000035285	2.372727928	1.246546682	1.59E-11	1.45E-10	175.397733	187.838448	249.020523	484.634892	454.9140993	507.4019772	Nat14
ENSMUSG00000048065	2.667690556	1.415591328	1.60E-11	1.45E-10	68.9062524	65.5477917	74.3344844	183.2914015	176.673956	196.0184701	Cyb5r2
ENSMUSG00000040010	3.215862881	1.685205894	1.60E-11	1.46E-10	140.497164	171.206919	187.075119	415.253401	480.5190204	705.4623063	Slc7a5
ENSMUSG00000059708	2.135839028	1.094802919	1.62E-11	1.47E-10	247.883532	199.578351	262.648511	525.021133	505.2704442	483.9205979	Akap17b
ENSMUSG00000047963	3.563080041	1.833124893	1.63E-11	1.48E-10	488.607972	758.202068	587.242426	2914.02262	2173.857806	1446.657146	Stbd1
ENSMUSG00000032484	0.00912317	-6.776249159	1.64E-11	1.49E-10	262.201714	778.746898	94.1570135	2.071089282	5.120984232	3.062788595	Ngp
ENSMUSG00000052102	0.488207408	-1.034433908	1.72E-11	1.56E-10	464.446039	525.360659	495.563229	250.6018031	260.3166985	213.3742721	Gnpda1
ENSMUSG00000030671	0.387212824	-1.36880136	1.72E-11	1.56E-10	1551.73301	961.693719	1290.94221	515.7012312	522.3403916	434.9159804	Pde3b
ENSMUSG00000039157	0.456589948	-1.131028995	1.94E-11	1.76E-10	625.52559	631.019785	618.215128	245.4240799	267.9981748	343.0323226	Fam102a
ENSMUSG00000031897	0.356290045	-1.488875921	1.98E-11	1.79E-10	822.400597	1440.09477	1305.80911	409.0401332	431.8696702	429.8113328	Psmb10
ENSMUSG00000011008	0.113101283	-3.144312802	2.00E-11	1.81E-10	57.2727293	69.4610927	59.4675875	7.248812487	8.53497372	5.104647658	Mcoln2
ENSMUSG00000022330	0.117587098	-3.088198327	2.08E-11	1.88E-10	60.8522749	58.6995149	86.7235651	8.284357128	6.827978976	9.188365784	Osr2
ENSMUSG00000028803	2.332074297	1.221613752	2.09E-11	1.89E-10	334.687512	367.850293	249.020523	745.5921415	685.3583897	794.2831755	Nipal3
ENSMUSG00000016256	0.459231658	-1.122705996	2.10E-11	1.90E-10	4040.41208	5609.71698	5969.05909	2436.63654	2267.742517	2467.586678	Ctsz
ENSMUSG00000026042	0.393707274	-1.344804728	2.14E-11	1.93E-10	20124.2053	11839.6922	13727.1014	6291.969239	5938.634714	5759.063487	Col5a2
ENSMUSG00000022537	0.391947627	-1.351267203	2.17E-11	1.96E-10	736.491503	546.883814	496.802137	240.2463567	210.8138509	248.0858762	Tmem44
ENSMUSG00000026413	0.016056413	-5.960706563	2.18E-11	1.96E-10	63.5369341	52.8295634	127.607531	1.035544641	0	3.062788595	Pkp1
ENSMUSG00000038879	3.285190672	1.715977107	2.19E-11	1.98E-10	112.755686	90.9842481	61.9454036	272.3482406	328.5964882	277.6928326	Nipal2
ENSMUSG00000033105	2.501167608	1.322601739	2.25E-11	2.02E-10	206.718757	156.53204	136.279888	421.4666689	413.9462254	419.6020375	Lss
ENSMUSG00000026921	0.456614929	-1.130950067	2.27E-11	2.04E-10	3843.53707	4485.62127	5192.26373	2200.532362	1710.408733	2263.400771	Egfl7
ENSMUSG00000079669	2.501956651	1.323056793	2.28E-11	2.05E-10	81.434662	90.9842481	96.6348297	213.3221961	240.6862589	216.4370607	Gm17396
ENSMUSG00000006611	0.439326521	-1.186634502	2.29E-11	2.06E-10	774.971618	748.418815	577.331162	338.6230976	274.8261538	311.3835071	Hfe
ENSMUSG00000028347	0.179192755	-2.480415785	2.30E-11	2.06E-10	102.017049	117.39903	196.986384	24.85307138	23.04442904	26.54416782	Tmeff1
ENSMUSG00000042680	4.070034181	2.025040911	2.37E-11	2.12E-10	115.440345	101.745826	48.3174148	344.8363655	377.2458384	366.5137018	Garem1
ENSMUSG00000010142	0.178828542	-2.483351078	2.47E-11	2.21E-10	122.599436	190.773423	182.119487	22.7819821	43.52836597	21.43952016	Tnfrsf13b
ENSMUSG00000036894	0.404376901	-1.306227506	2.50E-11	2.23E-10	501.136381	610.474955	724.761222	279.5970531	222.7628141	239.9184399	Rap2b
ENSMUSG00000061482	18.42601001	4.203671797	2.51E-11	2.25E-10	2.68465919	0.97832525	9.91126458	61.09713382	85.3497372	87.79993971	Hist1h4d
ENSMUSG00000083992	4.7346677	2.243263175	2.51E-11	2.25E-10	37.5852286	43.0463109	54.5119552	230.9264549	267.9981748	136.8045572	Gm11478
ENSMUSG00000025746	0.086764032	-3.526759085	2.52E-11	2.26E-10	54.5880701	69.4610927	74.3344844	7.248812487	7.681476348	2.041859063	Il6
ENSMUSG00000097336	11.01589948	3.461515395	2.54E-11	2.27E-10	6.26420477	4.89162624	6.19454036	49.70614277	61.45181078	79.63250346	Fendrr
ENSMUSG00000032826	2.155171128	1.107802429	2.61E-11	2.33E-10	1097.13072	746.462165	857.324386	1889.86897	2022.788772	1911.180083	Ank2
ENSMUSG00000001098	2.091018312	1.064205696	2.62E-11	2.33E-10	3014.87227	2509.40426	2066.49867	5184.972018	5647.59211	5046.454674	Kctd10
ENSMUSG00000002227	0.423338495	-1.240116413	2.70E-11	2.40E-10	361.534104	448.072964	393.972767	148.0828837	166.4319875	194.9975405	Mov10
ENSMUSG00000018899	0.409830721	-1.286899961	2.74E-11	2.44E-10	1188.40913	1904.79926	1621.73067	645.1443114	605.1296367	681.9809271	Irf1
ENSMUSG00000031616	0.359828238	-1.474619688	2.78E-11	2.48E-10	2210.3694	1326.60904	1371.47124	606.8291596	542.8243286	617.6623666	Ednra
ENSMUSG00000023905	2.406991548	1.267231076	2.80E-11	2.49E-10	608.522749	741.570538	986.170826	1978.925809	1841.847329	1794.794116	Tnfrsf12a
ENSMUSG00000017929	0.490771667	-1.026876131	2.81E-11	2.50E-10	795.554006	935.278938	927.942146	489.8126152	379.8063305	435.93691	B4galt5
ENSMUSG00000033910	2.412231804	1.27036855	2.82E-11	2.51E-10	3609.97172	2499.62101	2212.68982	6536.357774	6670.081962	6875.960395	Gucy1a1
ENSMUSG00000029335	3.506274281	1.809938857	2.84E-11	2.52E-10	108.281254	126.203957	69.3788521	425.6088475	354.2014094	290.9649165	Bmp3
ENSMUSG00000039232	4.878849154	2.286540878	2.85E-11	2.53E-10	108.281254	149.683763	123.890807	571.6206418	356.7619015	935.1714509	Stx11
ENSMUSG00000022061	10.82565779	3.436382783	2.94E-11	2.61E-10	2.68465919	8.80492724	12.3890807	71.45258023	101.5661873	76.56971486	Nkx3-1
ENSMUSG00000032014	0.343021036	-1.54363104	2.94E-11	2.61E-10	1071.17902	1023.32821	1511.46785	447.3552849	308.1125513	481.8787389	Oaf
ENSMUSG00000028420	2.005075496	1.003656559	2.98E-11	2.64E-10	1058.65061	1338.34894	1053.07186	2424.210005	2453.804944	2040.838134	Tmem38b
ENSMUSG00000092586	61.63665117	5.945716575	3.02E-11	2.68E-10	0	0.97832525	3.71672422	53.84832133	67.42629239	137.8254868	Ly6g6c
ENSMUSG00000029095	0.282179142	-1.825316741	3.06E-11	2.71E-10	261.306827	459.812867	292.382305	105.6255534	94.73820829	85.75808065	Ablim2
ENSMUSG00000037405	0.350675629	-1.511790923	3.10E-11	2.74E-10	1182.14493	1255.19129	732.194671	356.2273565	343.9594409	412.4555307	Icam1
ENSMUSG00000021559	0.398649721	-1.326806435	3.12E-11	2.75E-10	1268.94891	1145.61887	1637.83647	542.6253919	442.1116387	630.9344505	Dapk1
ENSMUSG00000022987	2.737765694	1.452998982	3.13E-11	2.77E-10	146.761369	156.53204	100.351554	356.2273565	343.1059435	411.4346012	Zfp641
ENSMUSG00000030793	0.337436159	-1.567313518	3.18E-11	2.81E-10	238.039781	374.69857	328.310639	101.4833748	101.5661873	114.3441075	Pycard
ENSMUSG00000069808	0.43985708	-1.18489326	3.22E-11	2.84E-10	237.144895	230.884759	229.197993	99.41228554	104.1266794	103.1138827	Fam57a
ENSMUSG00000021265	2.58216732	1.368582488	3.29E-11	2.90E-10	80.5397756	90.0059229	79.2901166	227.819821	192.0369087	226.646356	Slc25a29
ENSMUSG00000034235	2.600989554	1.379060605	3.30E-11	2.91E-10	475.184676	319.912356	292.382305	986.8740429	963.598533	884.1249743	Usp54
ENSMUSG00000002944	0.438262499	-1.19013286	3.33E-11	2.94E-10	7462.45765	5159.68736	5029.96677	2755.58429	2408.569584	2573.763349	Cd36
ENSMUSG00000033386	0.349158575	-1.51804569	3.40E-11	2.99E-10	489.502858	685.805999	862.280019	230.9264549	246.6607405	232.7719332	Frrs1
ENSMUSG00000039883	2.96470748	1.567889765	3.58E-11	3.15E-10	1193.77845	742.548864	1424.74428	2871.56529	3561.644533	3526.290602	Lrrc17
ENSMUSG00000058099	0.272535918	-1.875481718	3.62E-11	3.18E-10	284.573874	513.620756	381.583686	111.8388212	83.64274245	126.5952619	Nfam1
ENSMUSG00000035000	0.350279288	-1.513422409	3.72E-11	3.27E-10	272.940351	262.191167	251.498339	98.3767409	69.13328713	109.2394599	Dpp4
ENSMUSG00000024177	0.188944013	-2.403969287	3.72E-11	3.27E-10	70.6960252	79.2443451	90.4402893	16.56871426	14.50945532	14.29301344	Nme4
ENSMUSG00000018927	0.246235875	-2.021887129	3.77E-11	3.31E-10	1475.66767	2714.85257	2586.84006	781.836204	500.14946	386.9322924	Ccl6
ENSMUSG00000026051	0.252464255	-1.985848954	3.78E-11	3.32E-10	604.048317	304.259152	340.69972	109.7677319	93.88471092	112.3022485	1500015O10Rik
ENSMUSG00000074785	0.32176318	-1.635928852	3.83E-11	3.36E-10	221.931826	235.776385	178.402762	61.09713382	60.59831341	83.71622159	Plxnc1
ENSMUSG00000027377	0.467587331	-1.096692253	3.84E-11	3.37E-10	729.332412	1001.80505	909.358525	429.751026	423.3346965	380.8067153	Mall
ENSMUSG00000067786	0.295861767	-1.75700482	3.86E-11	3.38E-10	544.090928	456.877891	838.740765	204.0022943	189.4764166	150.0766411	Nnat
ENSMUSG00000090942	0.127190786	-2.974933927	3.90E-11	3.41E-10	151.235801	356.110391	141.23552	22.7819821	22.19093167	37.77439267	F830016B08Rik
ENSMUSG00000041707	0.09400147	-3.411172876	3.99E-11	3.49E-10	52.7982973	59.6778402	74.3344844	6.213267846	3.413989488	8.167436252	1810011H11Rik
ENSMUSG00000030117	0.014746194	-6.083513587	4.00E-11	3.50E-10	53.6931837	74.3527189	68.139944	1.035544641	0.853497372	1.020929532	Gdf3
ENSMUSG00000039652	2.651911658	1.407032716	4.07E-11	3.55E-10	236.250008	341.435512	208.136556	751.8054094	685.3583897	650.3321116	Cpeb3
ENSMUSG00000033213	0.042583364	-4.55356625	4.10E-11	3.57E-10	34.005683	195.66505	156.102417	6.213267846	5.120984232	5.104647658	AA467197
ENSMUSG00000002257	0.428285385	-1.223355649	4.18E-11	3.65E-10	271.150578	314.042405	349.372076	136.6918926	126.3176111	136.8045572	Def6
ENSMUSG00000074771	0.214663528	-2.219851003	4.22E-11	3.68E-10	291.732965	165.336967	219.286729	66.27485703	43.52836597	35.7325336	Ankef1
ENSMUSG00000000120	0.129993408	-2.943489632	4.23E-11	3.69E-10	152.130687	110.550753	84.2457489	19.67534818	7.681476348	18.37673157	Ngfr
ENSMUSG00000028268	0.265111254	-1.915330183	4.25E-11	3.71E-10	1032.6989	2386.13528	1409.87739	391.4358743	477.9585283	410.4136717	Gbp3

ENSMUSG00000025494	0.411402958	-1.281375929	4.29E-11	3.74E-10	278.309669	324.803983	251.498339	113.9099105	111.8081557	126.5952619	Sigirr
ENSMUSG00000044827	0.191797081	-2.382347329	4.38E-11	3.81E-10	192.400575	324.803983	256.453971	42.45733028	73.40077399	31.64881548	Tlr1
ENSMUSG00000051367	0.455734467	-1.133734609	4.42E-11	3.84E-10	551.25002	665.261169	662.815819	328.2676512	280.8006354	247.0649466	Six1
ENSMUSG00000057614	2.167443176	1.115994171	4.83E-11	4.19E-10	1047.01708	834.511437	1010.94899	2260.593951	2304.442904	1702.910459	Gnai1
ENSMUSG00000029603	0.407611818	-1.294732216	5.00E-11	4.34E-10	406.278424	371.763594	391.494951	166.7226872	125.4641137	185.8091747	Dtx1
ENSMUSG00000086098	6.735186659	2.751717929	5.03E-11	4.37E-10	7.15909116	13.6965535	11.1501727	72.48812487	69.9867845	71.46506721	Gm14291
ENSMUSG00000046275	0.244457065	-2.032346995	5.20E-11	4.51E-10	1101.60515	501.880853	1013.4268	261.9927942	174.9669613	203.1649768	Tusc5
ENSMUSG00000033377	0.497797397	-1.006369407	5.25E-11	4.55E-10	768.707414	674.066096	683.877256	374.86716	303.8450644	381.8276448	Palmd
ENSMUSG00000069306	334.0770784	8.38403719	5.37E-11	4.64E-10	0	0	0	86.98574985	43.52836597	59.21391283	Hist1h4m
ENSMUSG00000052760	0.267710173	-1.901256134	5.69E-11	4.91E-10	179.872165	255.34289	213.092188	39.35069636	68.27978976	65.33949002	A630001G21Rik
ENSMUSG00000043557	2.872819181	1.522467191	5.70E-11	4.92E-10	164.659097	247.516288	146.191153	477.3860795	548.7988102	580.9089034	Mdga1
ENSMUSG00000072568	0.448182343	-1.157842282	5.80E-11	5.00E-10	279.204555	296.43255	333.266272	142.9051605	125.4641137	138.8464163	Fam84b
ENSMUSG00000033715	2.356822025	1.236842818	5.83E-11	5.03E-10	297.99717	351.218764	289.904489	671.0329274	897.8792353	644.2065344	Akr1c14
ENSMUSG00000059022	0.120580593	-3.051930361	5.88E-11	5.06E-10	131.5483	144.792137	159.819141	18.63980354	5.974481604	28.58602688	Kcp
ENSMUSG00000026580	0.431849719	-1.211398744	5.95E-11	5.12E-10	751.704572	597.756727	515.385758	257.8506156	274.8261538	273.6091144	Selp
ENSMUSG00000021806	0.233848864	-2.096351674	5.97E-11	5.14E-10	1166.93186	633.954761	502.996677	175.0070443	211.6673482	152.1185002	Nid2
ENSMUSG00000044285	2.731132576	1.449499348	6.05E-11	5.20E-10	119.914777	122.290656	87.9624732	305.4856691	341.3989488	258.2951715	Gm1821
ENSMUSG00000082101	282.1407865	8.140271428	6.19E-11	5.32E-10	0	0.97832525	0	72.48812487	103.273182	135.7836277	Slfn14
ENSMUSG00000023885	0.308758104	-1.69545109	6.44E-11	5.53E-10	6018.11101	2830.29494	5530.48564	1486.00656	1504.715867	1448.699005	Thbs2
ENSMUSG00000027947	0.419346192	-1.25378634	6.48E-11	5.56E-10	884.147759	1071.26615	1371.47124	486.7059813	482.2260152	424.7066851	Il6ra
ENSMUSG00000052889	0.206038658	-2.279013046	6.50E-11	5.57E-10	242.514213	513.620756	651.665646	103.5544641	91.3242188	94.94644643	Prkcb
ENSMUSG00000045730	0.371279478	-1.429422521	6.62E-11	5.67E-10	186.13637	232.841409	246.542706	79.73693736	87.91022931	78.61157393	Adrb2
ENSMUSG00000047085	7.446516709	2.896565727	6.72E-11	5.76E-10	13.4232959	6.84827674	11.1501727	75.59475879	63.15880553	95.96737596	Lrrc4b
ENSMUSG00000025650	0.289875769	-1.786493352	7.05E-11	6.03E-10	171.818188	285.670973	261.409603	71.45258023	61.45181078	75.54878533	Col7a1
ENSMUSG00000042351	4.456652113	2.155960348	7.22E-11	6.17E-10	50.1136381	67.5044422	29.7337937	210.2155621	183.501935	268.5044668	Grap2
ENSMUSG00000033220	0.303053103	-1.722357482	7.50E-11	6.40E-10	451.91763	880.492724	639.276565	197.7890264	223.6163115	175.5998794	Rac2
ENSMUSG00000027848	0.398925792	-1.325807694	7.54E-11	6.43E-10	2151.30689	1641.62977	1976.05838	888.497302	570.1362445	844.3087226	Olfml3
ENSMUSG00000024079	0.439495274	-1.186080442	7.59E-11	6.47E-10	964.687534	1323.67406	1414.83302	494.9903384	545.3848207	586.0135511	Eif2ak2
ENSMUSG00000084319	2.779630787	1.474893265	7.61E-11	6.49E-10	349.005694	496.989226	586.003518	1418.696158	1484.23193	1070.955079	Tpt1-ps3
ENSMUSG00000053475	0.242761803	-2.042386654	7.92E-11	6.75E-10	213.877849	200.556676	379.10587	61.09713382	59.74481604	71.46506721	Tnfaip6
ENSMUSG00000045328	0.350202417	-1.513739053	8.05E-11	6.85E-10	179.872165	222.079831	218.047821	84.91466056	70.84028187	61.25577189	Cenpe
ENSMUSG00000032363	0.186083407	-2.425978679	8.50E-11	7.22E-10	287.258533	183.925147	257.692879	40.386241	26.45841853	69.42320814	Adamts7
ENSMUSG00000047205	0.377146935	-1.406801393	8.58E-11	7.29E-10	247.883532	242.624662	266.365236	114.9454552	93.88471092	76.56971486	Dusp18
ENSMUSG00000003273	2.4552412	1.29586476	9.40E-11	7.97E-10	294.417624	211.318254	204.419832	654.4642131	531.7288627	562.5321719	Car11
ENSMUSG00000053647	0.321706424	-1.63618335	9.56E-11	8.10E-10	151.235801	135.98721	126.368623	43.49287492	48.6493502	40.83718126	Gper1
ENSMUSG00000040035	0.14354363	-2.800438783	9.68E-11	8.20E-10	92.1732987	84.1359714	59.4675875	10.35544641	8.53497372	15.31394297	Disp2
ENSMUSG00000027868	0.300926977	-1.732514652	9.73E-11	8.24E-10	707.855139	1413.67998	962.631572	269.2416067	294.4565933	364.4718428	Tbx15
ENSMUSG00000041329	2.027219041	1.01950198	9.94E-11	8.40E-10	1464.92903	2107.31259	1652.70337	3576.77119	3383.263582	3632.467273	Atp1b2
ENSMUSG00000050493	0.157282528	-2.668569681	9.97E-11	8.42E-10	99.3323899	161.423666	139.996612	26.92416067	25.60492116	10.20929532	Fam167b
ENSMUSG00000022357	3.753081513	1.908075624	1.00E-10	8.45E-10	45.6392062	47.9379372	28.4948857	141.8696158	179.2344481	140.8882754	Klhl38
ENSMUSG00000000942	3.592840321	1.845124818	1.01E-10	8.50E-10	30.4261374	31.306408	32.2116099	99.41228554	122.9036216	114.3441075	Hoxa4
ENSMUSG00000005447	0.231819375	-2.108926948	1.01E-10	8.51E-10	95.7528443	109.572428	149.907877	30.03079459	25.60492116	26.54416782	Pafah1b3
ENSMUSG00000024806	0.150242642	-2.734633754	1.01E-10	8.51E-10	81.434662	65.5477917	79.2901166	16.56871426	8.53497372	9.188365784	Mlana
ENSMUSG00000044258	2.751539097	1.460238828	1.02E-10	8.55E-10	1533.83528	1776.63865	1915.35188	4677.555143	3402.040525	6298.11428	Ctla2a
ENSMUSG00000011263	0.23792019	-2.071450392	1.02E-10	8.56E-10	214.772735	287.627623	419.989837	94.23456233	64.86580027	60.23484236	Exoc3l2
ENSMUSG00000079298	0.055184263	-4.179599291	1.07E-10	8.99E-10	55.4829565	115.442379	94.1570135	10.35544641	3.413989488	1.020929532	Klrb1b
ENSMUSG00000034317	2.395319961	1.260218381	1.07E-10	9.00E-10	239.829554	220.123181	244.06489	449.4263742	563.3082655	672.7925613	Trim59
ENSMUSG00000030353	0.244481607	-2.032202161	1.10E-10	9.24E-10	120.809663	155.553715	137.518796	37.27960708	40.96787385	22.46044969	Tead4
ENSMUSG00000032131	3.414609968	1.771720797	1.12E-10	9.40E-10	93.0681851	51.8512382	64.4232198	226.7842764	218.4953272	272.5881849	Abcg4
ENSMUSG00000030268	0.173743507	-2.524969028	1.13E-10	9.44E-10	131.5483	142.835486	298.576846	34.17297315	32.43290013	32.66974501	Bcat1
ENSMUSG00000064325	3.860095778	1.948636645	1.13E-10	9.50E-10	166.44887	161.423666	83.0068409	638.9310435	401.1437648	553.3438061	Hhip
ENSMUSG00000028681	0.34954545	-1.516448037	1.14E-10	9.51E-10	442.073879	384.481823	277.515408	123.2298123	117.7826373	145.992923	Ptch2
ENSMUSG00000085282	3.679546059	1.879527794	1.14E-10	9.56E-10	50.1136381	40.1113352	27.2559776	147.047339	137.4130769	153.1394297	Gm15663
ENSMUSG00000085382	2.291522645	1.196306543	1.20E-10	1.00E-09	148.551142	145.770462	199.4642	375.9027047	363.5898805	386.9322924	Gm13861
ENSMUSG00000058756	2.114863342	1.080564442	1.25E-10	1.05E-09	2235.42622	2140.57564	3060.10294	4826.673572	5229.378398	5663.096111	Thra
ENSMUSG00000032717	0.358011148	-1.481923582	1.29E-10	1.08E-09	187.926143	170.228593	215.570005	67.31040167	60.59831341	77.5906444	Mdfi
ENSMUSG00000034349	0.453192691	-1.1418035	1.30E-10	1.09E-09	2389.34668	2865.51465	3730.35221	1360.705658	1346.818853	1362.940925	Smc4
ENSMUSG00000110439	0.065343376	-3.935815187	1.31E-10	1.09E-09	78.7500028	46.9596119	53.2730471	6.213267846	1.706994744	4.083718126	Gm21320
ENSMUSG00000026678	2.411625482	1.270005879	1.33E-10	1.11E-09	11045.5828	7815.84041	12623.2344	29271.74037	23437.89133	23215.93755	Rgs5
ENSMUSG00000040528	0.211700073	-2.239906329	1.34E-10	1.12E-09	101.122163	175.12022	142.474428	32.10188387	22.19093167	34.71160407	Milr1
ENSMUSG00000040280	0.434286221	-1.203281915	1.37E-10	1.14E-09	358.849445	392.308425	475.7407	196.7534818	162.1645007	173.5580204	Ndufa4l2
ENSMUSG00000056234	4.693097621	2.23054047	1.38E-10	1.14E-09	1037.17333	613.409931	323.355007	2846.712218	2840.439254	3586.525444	Ncoa4
ENSMUSG00000021464	0.169413349	-2.561380537	1.42E-10	1.18E-09	174.502847	173.163569	299.815754	49.70614277	19.63043956	40.83718126	Ror2
ENSMUSG00000004933	0.213429663	-2.228167394	1.44E-10	1.20E-09	94.8579579	178.055195	133.802072	31.06633923	28.16541327	27.56509735	Matk
ENSMUSG00000034037	0.411122965	-1.282358134	1.50E-10	1.25E-09	1908.79268	1672.93618	1354.12652	836.7200699	611.1041183	582.9507625	Fgd5
ENSMUSG00000020120	3.486305214	1.801698878	1.51E-10	1.25E-09	895.781282	1250.29967	1184.39612	3479.429994	2529.766211	5600.81941	Plek
ENSMUSG00000040907	0.18951127	-2.399644451	1.53E-10	1.26E-09	125.284095	310.129104	208.136556	44.52841956	36.70038699	40.83718126	Atp1a3
ENSMUSG00000039497	0.486881092	-1.038358621	1.54E-10	1.27E-09	1252.84095	1108.44251	1423.50538	660.677481	658.8999712	521.6949906	Dse
ENSMUSG00000090698	0.26760346	-1.901831325	1.55E-10	1.29E-09	899.360827	656.456242	892.013812	179.1492229	151.9225322	324.655591	Apold1
ENSMUSG00000043251	0.268055994	-1.899393699	1.57E-10	1.30E-09	117.230118	113.485729	112.740635	28.99524995	24.75142379	38.7953222	Exoc3l
ENSMUSG00000021003	0.467161612	-1.098006367	1.58E-10	1.31E-09	337.372171	385.460148	338.221904	185.3624907	158.7505112	152.1185002	Galc
ENSMUSG00000029371	0.152331279	-2.714715884	1.58E-10	1.31E-09	132.443187	216.20988	282.471041	25.88861603	20.48393693	50.02554704	Cxcl5
ENSMUSG00000044534	0.261572922	-1.934714893	1.60E-10	1.32E-09	160.184665	113.485729	172.208222	43.49287492	31.57940276	41.85811079	Ackr2
ENSMUSG00000021356	0.293947039	-1.766371852	1.61E-10	1.33E-09	231.775576	255.34289	158.580233	63.1682231	72.54727662	54.10926517	Irf4
ENSMUSG00000073555	0.173545353	-2.526615356	1.63E-10	1.34E-09	169.133529	381.546847	340.69972	38.31515172	40.96787385	75.54878533	Gm4951
ENSMUSG00000052371	0.199926095	-2.322461306	1.63E-10	1.34E-09	103.806822	130.117258	175.924946	24.85307138	20.48393693	36.75346313	Hoxd3os1
ENSMUSG00000026069	0.260845088	-1.938734832	1.65E-10	1.35E-09	119.019891	182.946821	136.279888	42.45733028	40.11437648	31.64881548	Il1rl1
ENSMUSG00000025422	0.358537524	-1.479803978	1.65E-10	1.36E-09	265.781259	241.646336	223.003453	109.7677319	79.37525559	73.50692627	Agap2
ENSMUSG00000027379	0.223229871	-2.163398004	1.69E-10	1.39E-09	84.1193212	86.0926219	86.7235651	15.53316962	23.04442904	18.37673157	Bub1
ENSMUSG00000039987	2.768068077	1.468879425	1.74E-10	1.43E-09	725.752867	1150.51049	624.409669	2309.264549	2468.3144	2148.035734	Phtf2
ENSMUSG00000020758	0.395699217	-1.337523886	1.76E-10	1.44E-09	1746.81824	1963.49877	1200.50192	741.449963	595.7411656	607.4530713	Itgb4
ENSMUSG00000039747	0.428127193	-1.223888622	1.78E-10	1.46E-09	226.406258	242.624662	225.481269	95.27010697	91.3242188	111.2813189	Orai2
ENSMUSG00000037568	0.136977806	-2.867985934	1.90E-10	1.56E-09	72.485798	75.3310441	138.757704	11.39099105	16.21645007	11.23022485	Vash2
ENSMUSG00000058396	0.331893472	-1.591207841	1.94E-10	1.58E-09	403.593764	424.593158	349.372076	177.0781336	101.5661873	113.323178	Gpr182
ENSMUSG00000054659	5.688766307	2.508115817	2.00E-10	1.63E-09	14.3181823	20.5448302	8.67235651	80.772482	87.91022931	82.69529205	Pm20d2
ENSMUSG00000052957	0.457198345	-1.129107915	2.03E-10	1.66E-09	4318.72174	3126.72749	4306.44446	1979.961354	1518.371825	1875.447549	Gas1
ENSMUSG00000040229	0.155713961	-2.6830298	2.04E-10	1.66E-09	189.715916	175.12022	218.047821	48.67059813	29.87240802	12.25115438	Gpr34
ENSMUSG00000040855	0.342219109	-1.547007774	2.04E-10	1.67E-09	314.105125	252.407914	286.187765	92.16347305	75.96126611	124.5534028	Reps2
ENSMUSG00000042453	0.239218956	-2.063596378	2.04E-10	1.67E-09	1200.93754	717.112407	578.57007	197.7890264	139.1200716	261.3579601	Reln
ENSMUSG00000030413	0.227007194	-2.139190079	2.07E-10	1.68E-09	111.860799	180.011846	113.979543	34.17297315	32.43290013	25.52323829	Pglyrp1
ENSMUSG00000028348	0.025168513	-5.312236197	2.09E-10	1.70E-09	34.9005694	391.330099	123.890807	5.177723205	1.706994744	7.146506721	Cavin4
ENSMUSG00000071604	0.49269908	-1.021221316	2.11E-10	1.71E-09	570.93752	675.044422	545.119552	263.0283388	302.1380697	317.5090843	Fam189a2
ENSMUSG00000021678	0.485176879	-1.043417293	2.13E-10	1.73E-09	306.946034	297.410876	292.382305	151.1895176	151.0690348	132.7208391	F2rl1

ENSMUSG00000074825	0.449434928	-1.153815848	2.13E-10	1.73E-09	247.883532	298.389201	292.382305	122.1942676	131.4385953	122.5115438	Itpripl1
ENSMUSG00000031671	2.005512377	1.003970869	2.17E-10	1.76E-09	244.303986	319.912356	284.948857	586.1182668	535.1428522	580.9089034	Setd6
ENSMUSG00000049929	0.300459464	-1.734757728	2.31E-10	1.87E-09	280.099442	337.522211	525.297023	106.661098	119.4896321	116.3859666	Lpar4
ENSMUSG00000025930	0.110600118	-3.176575174	2.32E-10	1.89E-09	83.2244348	51.8512382	64.4232198	4.142178564	7.681476348	10.20929532	Msc
ENSMUSG00000026198	3.098189145	1.631425224	2.39E-10	1.94E-09	70.6960252	83.1576461	48.3174148	189.5046693	224.4698088	216.4370607	Abcb6
ENSMUSG00000005973	0.480967565	-1.055988488	2.47E-10	2.00E-09	3051.56261	2764.74715	3932.29422	1717.968559	1542.269751	1427.259485	Rcn1
ENSMUSG00000090173	3.781218727	1.918851305	2.49E-10	2.01E-09	27.7414783	23.479806	29.7337937	91.12792841	107.5406689	106.1766713	Fbxw10
ENSMUSG00000028965	0.065362951	-3.935383062	2.54E-10	2.05E-09	46.5340926	48.9162624	64.4232198	2.071089282	5.974481604	2.041859063	Tnfrsf9
ENSMUSG00000061751	2.380073345	1.251006033	2.56E-10	2.07E-09	899.360827	730.808961	533.969379	1640.302711	1713.822723	1803.982482	Kalrn
ENSMUSG00000024901	2.713470964	1.440139471	2.57E-10	2.08E-09	77.8551164	63.5911412	56.9897713	176.042589	175.8204586	189.8928929	Peli3
ENSMUSG00000069255	0.439588306	-1.185775087	2.58E-10	2.09E-09	302.471602	369.806944	407.600756	166.7226872	150.2155375	157.2231479	Dusp22
ENSMUSG00000025255	0.386837884	-1.370199008	2.60E-10	2.10E-09	1147.24436	722.004034	973.781745	423.5377582	310.6730434	366.5137018	Zfhx4
ENSMUSG00000029189	3.483003971	1.800332118	2.69E-10	2.17E-09	124.389209	270.996094	152.385693	612.0068828	660.6069659	636.0390981	Sel1l3
ENSMUSG00000008734	0.412758197	-1.276631227	2.71E-10	2.18E-09	1260.89493	883.4277	806.529155	427.6799367	377.2458384	414.4973898	Gprc5b
ENSMUSG00000019817	0.311497986	-1.682705258	2.76E-10	2.22E-09	1004.95742	503.837503	796.617891	274.4193299	229.5907931	214.3952016	Plagl1
ENSMUSG00000057706	0.281746038	-1.827532774	2.77E-10	2.23E-09	201.349439	126.203957	178.402762	45.5639642	53.77033443	42.87904032	Mex3b
ENSMUSG00000046312	0.389814579	-1.359140047	2.82E-10	2.26E-09	510.085245	620.258208	392.733859	208.1444728	177.5274534	209.290554	AI464131
ENSMUSG00000038086	2.074582506	1.052821034	2.91E-10	2.34E-09	376.747172	502.859178	359.283341	870.8930431	842.4019061	859.6226655	Hspb2
ENSMUSG00000021719	2.185013751	1.127642359	2.95E-10	2.37E-09	1368.2813	990.065152	911.836341	2576.435067	2287.372957	2287.90308	Rgs7bp
ENSMUSG00000037446	3.586610185	1.842620953	2.97E-10	2.38E-09	37.5852286	36.1980342	52.0341391	127.3719908	140.8270664	179.6835975	Tulp1
ENSMUSG00000038216	58.71686567	5.875703054	2.99E-10	2.40E-09	0	1.9566505	1.23890807	61.09713382	69.9867845	49.00461751	Pnmt
ENSMUSG00000029674	0.434882668	-1.201301881	3.03E-10	2.43E-09	305.156261	304.259152	308.48811	151.1895176	109.2476636	139.8673458	Limk1
ENSMUSG00000045917	0.464325757	-1.106790784	3.03E-10	2.43E-09	245.198872	272.952744	282.471041	125.3009016	118.6361347	127.6161914	Tmem268
ENSMUSG00000043463	11.4823732	3.521348947	3.05E-10	2.44E-09	5.36931837	5.86995149	2.47781615	57.9904999	59.74481604	43.89996986	Rab9b
ENSMUSG00000008475	0.481540655	-1.05427049	3.09E-10	2.47E-09	3344.19046	4229.30005	5075.80637	2078.338095	1992.916364	2018.377684	Arpc5
ENSMUSG00000044703	0.048643206	-4.36161787	3.12E-10	2.50E-09	38.480115	82.1793209	58.2286794	5.177723205	2.560492116	1.020929532	Phf11a
ENSMUSG00000050022	0.259651273	-1.945352797	3.30E-10	2.64E-09	130.653414	214.253229	225.481269	44.52841956	45.23536071	58.1929833	Amz1
ENSMUSG00000095079	0.04344362	-4.524711867	3.41E-10	2.72E-09	3637.7132	8344.13605	6334.53698	377.973794	343.1059435	74.5278558	Igha
ENSMUSG00000024039	6.808861988	2.767413691	3.49E-10	2.78E-09	33.1107966	16.6315292	28.4948857	154.2961515	108.3941662	270.5463259	Cbs
ENSMUSG00000032766	2.829305961	1.500448198	3.49E-10	2.78E-09	1176.77561	1377.48195	1546.15727	3851.19052	2651.816335	5096.480221	Gng11
ENSMUSG00000006411	0.073395118	-3.768172089	3.53E-10	2.81E-09	35.7954558	88.0492724	100.351554	6.213267846	5.120984232	5.104647658	Nectin4
ENSMUSG00000020990	9.736136325	3.283349369	3.59E-10	2.85E-09	20.5823871	6.84827674	3.71672422	102.5189195	109.2476636	101.0720236	Cdkl1
ENSMUSG00000025092	0.33745158	-1.567247587	3.59E-10	2.85E-09	960.213102	746.462165	524.058115	293.0591334	221.0558193	239.9184399	Hspa12a
ENSMUSG00000022033	0.186855161	-2.420007685	3.66E-10	2.91E-09	64.4318205	88.0492724	73.0955763	13.46208033	16.21645007	12.25115438	Pbk
ENSMUSG00000019932	0.00384967	-8.021049482	3.72E-10	2.95E-09	56.3778429	74.3527189	139.996612	0	0	1.020929532	Kera
ENSMUSG00000047787	4.053273877	2.019087661	3.75E-10	2.98E-09	25.9517055	26.4147817	22.3003453	93.19901769	120.3431294	89.84179877	Flrt1
ENSMUSG00000060791	0.230260986	-2.118658107	3.77E-10	2.99E-09	282.784101	508.729129	480.696332	106.661098	126.3176111	59.21391283	Gmfg
ENSMUSG00000052566	0.376456964	-1.409443146	3.81E-10	3.03E-09	199.559666	212.296579	236.631442	91.12792841	65.71929764	87.79993971	Hook2
ENSMUSG00000000958	0.41209105	-1.278964963	3.91E-10	3.11E-09	298.892056	256.321215	291.143397	95.27010697	119.4896321	133.7417686	Slc7a7
ENSMUSG00000028931	0.307706611	-1.700372654	3.95E-10	3.13E-09	168.238642	269.039443	223.003453	71.45258023	75.10776873	56.15112423	Kcnab2
ENSMUSG00000041658	3.346314833	1.742573185	3.99E-10	3.16E-09	70.6960252	48.9162624	38.4061503	182.2558568	174.1134639	177.6417385	Rragb
ENSMUSG00000036545	0.485988999	-1.041004438	4.00E-10	3.17E-09	7613.69345	6305.30623	9527.20308	3908.145475	3617.121862	3868.301995	Adamts2
ENSMUSG00000023013	0.099431293	-3.330156228	4.10E-10	3.24E-09	68.0113661	113.485729	249.020523	15.53316962	11.94896321	15.31394297	Aqp2
ENSMUSG00000025792	0.390766714	-1.355620511	4.26E-10	3.36E-09	1060.44038	731.787286	1112.53945	445.2841956	316.647525	373.6602085	Slc25a10
ENSMUSG00000041961	2.381964072	1.252151652	4.30E-10	3.39E-09	163.76421	121.312331	137.518796	324.1254726	378.9528332	304.2370004	Znrf3
ENSMUSG00000093843	316.7992932	8.307425306	4.32E-10	3.40E-09	0	0	0	101.4833748	37.55388437	40.83718126	Gm25939
ENSMUSG00000027217	0.320640603	-1.640970966	4.58E-10	3.60E-09	665.795478	417.744881	436.095642	196.7534818	126.3176111	165.3905841	Tspan18
ENSMUSG00000022372	0.345987367	-1.531208732	4.82E-10	3.79E-09	326.633534	469.596119	279.993224	132.5497141	116.92914	123.5324733	Sla
ENSMUSG00000043336	2.133495202	1.093218866	4.82E-10	3.79E-09	6127.28715	4694.00454	3913.7106	11033.72815	10105.40888	10305.26269	Filip1l
ENSMUSG00000040867	0.094235084	-3.407591908	4.86E-10	3.82E-09	135.127846	62.6128159	79.2901166	14.49762497	7.681476348	4.083718126	Begain
ENSMUSG00000022623	0.381946749	-1.388556584	4.89E-10	3.84E-09	1813.03984	1331.50066	1214.12991	690.7082756	448.9396177	526.7996383	Shank3
ENSMUSG00000087411	4.097142062	2.034617917	4.97E-10	3.90E-09	25.0568191	18.5881797	29.7337937	93.19901769	110.9546584	93.9255169	Gm16048
ENSMUSG00000045502	0.113727776	-3.13634345	5.08E-10	3.98E-09	86.8039804	317.955706	200.703108	27.95970531	26.45841853	14.29301344	Hcar2
ENSMUSG00000024892	0.267136105	-1.904353115	5.09E-10	3.99E-09	3038.13931	1638.69479	1981.01401	768.3741236	371.2713568	640.1228163	Pcx
ENSMUSG00000002870	0.456735207	-1.130570093	5.12E-10	4.01E-09	273.835237	342.413837	319.638283	142.9051605	151.0690348	132.7208391	Mcm2
ENSMUSG00000049538	0.065434688	-3.93380055	5.17E-10	4.04E-09	135.127846	34.2413837	110.262818	5.177723205	5.974481604	7.146506721	Adamts16
ENSMUSG00000014813	0.390540105	-1.356457385	5.29E-10	4.14E-09	618.366499	617.323232	909.358525	259.9217049	326.8894935	249.1068057	Stc1
ENSMUSG00000020432	0.431720167	-1.211831607	5.34E-10	4.17E-09	2401.87509	1853.92635	1605.62486	958.9143376	710.9633109	862.6854541	Tcn2
ENSMUSG00000037474	0.216906421	-2.204855335	5.50E-10	4.30E-09	88.5937531	83.1576461	90.4402893	24.85307138	18.77694218	13.27208391	Dtl
ENSMUSG00000002458	0.445901788	-1.165202112	5.61E-10	4.37E-09	442.968766	462.747843	592.198059	219.5354639	247.5142379	199.0812586	Rgs19
ENSMUSG00000020261	0.459281941	-1.122548037	5.71E-10	4.45E-09	722.173321	625.149834	556.269725	321.0188387	244.9537458	310.3625776	Slc36a1
ENSMUSG00000084846	2.881069535	1.526604481	5.78E-10	4.50E-09	48.3238654	45.9812867	50.795231	130.4786248	153.629527	132.7208391	A730011C13Rik
ENSMUSG00000045664	0.446337822	-1.163792031	5.82E-10	4.53E-09	302.471602	370.785269	348.133168	163.6160533	130.5850979	162.3277955	Cdc42ep2
ENSMUSG00000030220	0.474562637	-1.075329575	6.00E-10	4.66E-09	1368.2813	1897.95098	1535.0071	771.4807576	660.6069659	847.3715112	Arhgdib
ENSMUSG00000028161	0.360937535	-1.470178914	6.01E-10	4.66E-09	3527.64217	6054.85496	6999.83061	1923.006398	2082.533588	1978.561432	Ppp3ca
ENSMUSG00000029718	0.4170341	-1.26176274	6.01E-10	4.66E-09	6135.34113	4613.78187	5277.74839	2617.856853	1637.861457	2429.812285	Pcolce
ENSMUSG00000021306	0.497726649	-1.006574461	6.15E-10	4.76E-09	483.238654	476.444396	392.733859	228.8553657	209.1068561	236.8556513	Gpr137b
ENSMUSG00000024186	2.562887802	1.357770322	6.16E-10	4.77E-09	109.17614	100.767501	74.3344844	223.6776425	256.902709	252.1695943	Rgs11
ENSMUSG00000040152	0.455841911	-1.13339452	6.23E-10	4.82E-09	15418.8926	11865.1286	12614.562	5851.862766	4936.628799	7400.718174	Thbs1
ENSMUSG00000036242	0.309370389	-1.692592979	6.46E-10	4.99E-09	743.650595	418.723206	621.931852	200.8956604	136.5595795	215.4161312	3632451O06Rik
ENSMUSG00000028334	0.483436722	-1.048601031	6.62E-10	5.11E-09	630.894909	801.248379	883.341456	376.9382493	386.6343095	354.2625474	Nans
ENSMUSG00000026452	4.062285961	2.0222918	6.68E-10	5.15E-09	51.0085245	34.2413837	24.7781615	154.2961515	168.9924796	128.637121	Syt2
ENSMUSG00000072966	3.346506714	1.742655909	6.78E-10	5.23E-09	153.025574	84.1359714	78.0512086	351.0496333	343.1059435	366.5137018	Gprasp2
ENSMUSG00000042182	0.205276174	-2.284361908	6.81E-10	5.25E-09	83.2244348	97.8325249	83.0068409	17.6042589	23.89792642	12.25115438	Bend6
ENSMUSG00000035835	0.3424954	-1.545843483	6.99E-10	5.38E-09	271.150578	243.602987	195.747475	77.66584808	99.00569515	66.36041955	Plppr3
ENSMUSG00000054733	2.004191368	1.003020269	7.20E-10	5.54E-09	346.321035	340.457187	453.440355	791.1561057	710.9633109	777.948303	Msra
ENSMUSG00000051457	0.36221807	-1.465069574	7.30E-10	5.61E-09	249.673304	405.026653	304.771386	120.1231784	116.0756426	111.2813189	Spn
ENSMUSG00000066842	0.227817438	-2.134049912	7.37E-10	5.66E-09	484.13354	245.559637	214.331097	78.70139272	67.42629239	69.42320814	Hmcn1
ENSMUSG00000051920	0.160285456	-2.641284575	7.38E-10	5.67E-09	75.1704572	56.7428644	59.4675875	11.39099105	11.09546584	8.167436252	Rspo2
ENSMUSG00000110575	4.371109424	2.127999494	7.47E-10	5.74E-09	41.1647742	29.3497575	17.344713	121.158723	139.973569	128.637121	6330537M06Rik
ENSMUSG00000098132	0.318087765	-1.652503215	7.53E-10	5.78E-09	208.50853	180.011846	156.102417	73.52366951	49.50284757	51.04647658	Rassf10
ENSMUSG00000037379	0.120675033	-3.050800869	7.61E-10	5.83E-09	102.017049	123.268981	319.638283	26.92416067	21.3374343	17.35580204	Spon2
ENSMUSG00000030865	0.35181591	-1.50710737	7.71E-10	5.91E-09	692.64207	559.602042	381.583686	209.1800175	186.9159245	179.6835975	Chp2
ENSMUSG00000021596	3.566206536	1.834390259	7.76E-10	5.95E-09	201.349439	143.813812	106.546094	523.9855884	396.876278	696.2739405	Mctp1
ENSMUSG00000033170	0.412880994	-1.276202086	7.97E-10	6.10E-09	1196.46311	1132.90064	836.262949	534.3410348	388.3413042	385.9113629	Card10
ENSMUSG00000036218	53.53374226	5.742376602	7.97E-10	6.10E-09	0.8948864	1.9566505	0	50.74168741	60.59831341	51.04647658	Pdzrn4
ENSMUSG00000017817	3.278151801	1.712882663	8.17E-10	6.24E-09	2502.99725	5745.70419	3050.19167	12481.41956	12225.49636	12333.84967	Jph2
ENSMUSG00000024056	0.170154259	-2.555084835	8.19E-10	6.26E-09	76.96023	90.0059229	56.9897713	10.35544641	15.3629527	12.25115438	Ndc80
ENSMUSG00000026834	0.233071627	-2.101154707	8.35E-10	6.38E-09	414.332401	176.098545	330.788455	81.80802664	71.69377925	61.25577189	Acvr1c
ENSMUSG00000041372	10.10009716	3.336297266	8.59E-10	6.56E-09	15.2130687	3.91330099	4.95563229	76.63030344	103.273182	69.42320814	B4galnt3
ENSMUSG00000063821	0.042223333	-4.565815714	8.92E-10	6.80E-09	47.428979	368.828619	83.0068409	7.248812487	7.681476348	6.125577189	Dupd1
ENSMUSG00000016206	0.393644192	-1.345035903	8.95E-10	6.82E-09	362.42899	530.252285	353.088801	163.6160533	170.6994744	156.2022183	H2-M3
ENSMUSG00000040183	0.245059878	-2.028793796	9.32E-10	7.10E-09	141.39205	97.8325249	106.546094	35.20851779	27.3119159	22.46044969	Ankrd6

ENSMUSG00000030107	0.252659317	-1.984734714	9.57E-10	7.29E-09	233.565349	527.317309	486.890873	98.3767409	97.2987004	119.4487552	Usp18
ENSMUSG00000044986	0.42627343	-1.230148962	9.63E-10	7.33E-09	686.377865	463.726168	661.576911	281.6681424	240.6862589	250.1277352	Tst
ENSMUSG00000020649	0.406338602	-1.299245669	9.65E-10	7.34E-09	197.769893	248.494613	252.737247	90.09238377	104.1266794	88.82086924	Rrm2
ENSMUSG00000043099	0.358249827	-1.480962087	9.71E-10	7.39E-09	620.156272	493.075925	558.747541	270.2771513	156.1900191	173.5580204	Hic1
ENSMUSG00000030780	2.438798278	1.286170433	9.76E-10	7.42E-09	488.607972	387.416798	284.948857	888.497302	1019.075862	930.0668032	BC017158
ENSMUSG00000065637	24.84071018	4.634634515	9.84E-10	7.48E-09	3.57954558	0	4.95563229	74.55921415	93.88471092	36.75346313	Gm26397
ENSMUSG00000028825	8.606847561	3.105484917	1.00E-09	7.63E-09	8.94886395	2.93497575	11.1501727	63.1682231	73.40077399	58.1929833	Rhd
ENSMUSG00000026104	0.344508027	-1.537390496	1.01E-09	7.67E-09	1212.57107	2511.36091	1860.83993	597.5092579	666.5814475	659.5204774	Stat1
ENSMUSG00000028207	2.152295282	1.105876021	1.03E-09	7.78E-09	2391.13645	2357.76385	1584.56342	4367.927296	4934.921805	4334.866791	Asph
ENSMUSG00000041801	0.495309538	-1.013597691	1.04E-09	7.90E-09	2322.2302	2747.1373	2737.98684	1492.219828	1044.680783	1331.292109	Phlda3
ENSMUSG00000037999	2.987551302	1.578963487	1.05E-09	7.94E-09	214.772735	128.160608	121.412991	459.7818206	519.7798995	412.4555307	Arap2
ENSMUSG00000015709	0.180031622	-2.473677763	1.05E-09	7.97E-09	56.3778429	68.4827674	74.3344844	12.42653569	10.24196846	13.27208391	Arnt2
ENSMUSG00000083907	6.850579365	2.776226004	1.06E-09	8.03E-09	14.3181823	6.84827674	8.67235651	57.9904999	80.22875297	68.40227861	Plk-ps1
ENSMUSG00000027852	0.413127832	-1.27533984	1.07E-09	8.11E-09	1745.92336	2406.68011	3035.32478	927.8479984	1071.139202	968.8621254	Nras
ENSMUSG00000001123	0.392894861	-1.347784796	1.07E-09	8.11E-09	1222.41482	1281.60608	975.020653	460.8173653	337.1314619	570.6996081	Lgals9
ENSMUSG00000076031	23.81584479	4.573849819	1.07E-09	8.11E-09	0	1.9566505	4.95563229	49.70614277	52.06333969	47.98368798	Gm22751
ENSMUSG00000031137	2.632361488	1.39635762	1.09E-09	8.19E-09	127.073868	183.925147	116.457359	389.364785	407.1182464	330.7811682	Fgf13
ENSMUSG00000022371	0.38657042	-1.371196845	1.09E-09	8.24E-09	14413.9352	7563.4325	10080.995	4422.811162	3938.036874	4032.67165	Col14a1
ENSMUSG00000074264	0.412787009	-1.276530528	1.10E-09	8.29E-09	487.713085	375.676895	376.628054	187.43358	139.1200716	186.8301043	Amy1
ENSMUSG00000033949	2.211283848	1.144884226	1.10E-09	8.30E-09	164.659097	183.925147	144.952244	353.1207226	326.8894935	414.4973898	Trim36
ENSMUSG00000086058	0.275015843	-1.862413364	1.11E-09	8.39E-09	91.2784123	91.9625734	90.4402893	23.81752674	23.04442904	28.58602688	Unc45bos
ENSMUSG00000050370	0.189595754	-2.399001438	1.12E-09	8.45E-09	91.2784123	90.9842481	152.385693	14.49762497	23.04442904	25.52323829	Ch25h
ENSMUSG00000035455	0.233032797	-2.101395079	1.15E-09	8.65E-09	93.9630715	104.680802	86.7235651	16.56871426	29.01891065	20.41859063	Fignl1
ENSMUSG00000108478	0.060713598	-4.041836526	1.17E-09	8.77E-09	46.5340926	114.464054	244.06489	8.284357128	11.94896321	4.083718126	Gm19514
ENSMUSG00000035131	0.004167465	-7.906614295	1.18E-09	8.89E-09	137.812505	53.8078887	56.9897713	1.035544641	0	0	Brinp3
ENSMUSG00000048040	0.283644109	-1.817846194	1.19E-09	8.93E-09	429.54547	297.410876	584.76461	154.2961515	119.4896321	98.00923503	Arxes2
ENSMUSG00000058934	0.061308447	-4.027770329	1.19E-09	8.94E-09	61.7471613	105.659127	231.67581	15.53316962	5.974481604	3.062788595	Igf1os
ENSMUSG00000051314	0.110507914	-3.1777784	1.21E-09	9.10E-09	142.286937	150.662088	434.856733	28.99524995	36.70038699	14.29301344	Ffar2
ENSMUSG00000037605	0.133506746	-2.905015448	1.22E-09	9.15E-09	52.7982973	52.8295634	60.7064956	5.177723205	6.827978976	10.20929532	Adgrl3
ENSMUSG00000021068	0.489942118	-1.029316776	1.24E-09	9.32E-09	1161.56254	896.145928	843.696397	509.4879634	470.277052	443.0834167	Nin
ENSMUSG00000037321	0.280984621	-1.831436924	1.24E-09	9.32E-09	841.193212	2139.59732	1404.92175	399.7202314	425.0416912	407.3508831	Tap1
ENSMUSG00000020181	0.113402299	-3.140478211	1.25E-09	9.36E-09	171.818188	74.3527189	65.6621278	9.319901769	12.80246058	13.27208391	Nav3
ENSMUSG00000022270	0.320618997	-1.641068187	1.27E-09	9.53E-09	281.889215	547.862139	390.256043	133.5852587	128.8781032	128.637121	Fam134b
ENSMUSG00000085146	183.6155766	7.520544642	1.27E-09	9.53E-09	0	0	1.23890807	63.1682231	75.10776873	64.31856049	Eif2c5
ENSMUSG00000006398	0.306247622	-1.707229455	1.28E-09	9.58E-09	126.178982	142.835486	177.163854	54.88386597	41.82137123	39.81625173	Cdc20
ENSMUSG00000057135	0.066308444	-3.914663599	1.29E-09	9.66E-09	33.1107966	112.507404	84.2457489	4.142178564	6.827978976	4.083718126	Scimp
ENSMUSG00000057143	0.392617722	-1.348802802	1.32E-09	9.83E-09	1054.17617	1622.06326	1912.87406	578.8694543	610.250621	611.5367894	Trim12c
ENSMUSG00000052516	0.056812331	-4.137652083	1.32E-09	9.83E-09	63.5369341	90.0059229	30.9727018	2.071089282	4.26748686	4.083718126	Robo2
ENSMUSG00000031662	0.248071261	-2.011173485	1.32E-09	9.84E-09	161.974438	351.218764	287.426673	71.45258023	71.69377925	55.1301947	Snx20
ENSMUSG00000028701	2.306984702	1.206008437	1.32E-09	9.84E-09	169.133529	123.268981	138.757704	313.7700262	369.5643621	312.4044366	Lurap1
ENSMUSG00000040938	2.840594246	1.50619277	1.32E-09	9.85E-09	112.755686	113.485729	166.013682	339.6586423	314.9405303	455.3345711	Slc16a11
ENSMUSG00000032355	0.029426301	-5.086750012	1.33E-09	9.88E-09	39.3750014	289.584274	58.2286794	4.142178564	5.120984232	2.041859063	Mlip
ENSMUSG00000019832	0.473487003	-1.078603271	1.33E-09	9.89E-09	486.818199	543.948838	551.314092	300.3079459	229.5907931	219.4998493	Rab32
ENSMUSG00000030474	0.189309145	-2.401183992	1.33E-09	9.92E-09	67.1164797	122.290656	127.607531	22.7819821	18.77694218	18.37673157	Siglece
ENSMUSG00000059201	0.155701559	-2.683144705	1.34E-09	9.98E-09	722.173321	322.847332	278.754316	107.6966427	46.94235546	52.06740611	Lep
ENSMUSG00000078485	2.156793179	1.108887839	1.35E-09	1.01E-08	153.92046	162.401991	138.757704	330.3387405	288.4821117	365.4927723	Plekhn1
ENSMUSG00000101102	14.3871571	3.846709638	1.41E-09	1.05E-08	0.8948864	6.84827674	6.19454036	64.20376774	46.08885809	84.73715112	Gm28609
ENSMUSG00000029134	3.002439498	1.586135174	1.43E-09	1.06E-08	68.0113661	58.6995149	45.8395987	156.3672408	202.2788772	162.3277955	Plb1
ENSMUSG00000018593	0.491575431	-1.024515282	1.45E-09	1.07E-08	146856.227	124746.252	190049.737	80680.31853	72453.39191	73801.9749	Sparc
ENSMUSG00000068696	0.077718978	-3.685589255	1.47E-09	1.09E-08	41.1647742	65.5477917	56.9897713	4.142178564	1.706994744	7.146506721	Gpr88
ENSMUSG00000035923	0.014796742	-6.078576614	1.55E-09	1.14E-08	20.5823871	234.79806	74.3344844	2.071089282	0.853497372	2.041859063	Myf6
ENSMUSG00000106438	57.04899307	5.834129518	1.55E-09	1.14E-08	0	0	3.71672422	45.5639642	55.47732918	78.61157393	Gm32051
ENSMUSG00000052229	4.458358808	2.156512729	1.57E-09	1.16E-08	155.710233	72.3960684	55.7508633	461.8529099	397.7297753	413.4764603	Gpr17
ENSMUSG00000059456	0.463353223	-1.109815687	1.62E-09	1.19E-08	657.741501	837.446413	657.860187	353.1207226	277.3866459	368.5555609	Ptk2b
ENSMUSG00000030346	0.18044277	-2.470386753	1.63E-09	1.20E-08	57.2727293	70.4394179	59.4675875	12.42653569	10.24196846	11.23022485	Rad51ap1
ENSMUSG00000069862	7.043444639	2.81628116	1.63E-09	1.20E-08	10.7386367	15.653204	35.9283341	155.3316962	173.2599665	101.0720236	Rps12-ps9
ENSMUSG00000074412	21.54762853	4.429457194	1.66E-09	1.22E-08	0.8948864	2.93497575	3.71672422	42.45733028	73.40077399	39.81625173	Gm10689
ENSMUSG00000055435	0.378908161	-1.40007988	1.67E-09	1.23E-08	3086.46318	5007.06862	6055.78266	1841.198372	1732.599665	1786.62668	Maf
ENSMUSG00000042817	0.081026013	-3.62547103	1.68E-09	1.24E-08	82.3295484	95.8758744	92.9181054	13.46208033	0.853497372	8.167436252	Flt3
ENSMUSG00000041132	0.453815109	-1.139823453	1.69E-09	1.25E-08	305.156261	318.934031	386.539319	156.3672408	135.7060821	166.4115136	N4bp2l1
ENSMUSG00000040809	0.191597375	-2.383850296	1.72E-09	1.26E-08	103.806822	247.516288	137.518796	31.06633923	29.01891065	33.69067454	Chil3
ENSMUSG00000103529	288.2657897	8.171255823	1.72E-09	1.26E-08	0	0	0	41.42178564	27.3119159	94.94644643	A730089K16Rik
ENSMUSG00000036596	0.312143607	-1.679718174	1.73E-09	1.27E-08	565.568202	303.280827	469.54616	158.4383301	110.9546584	149.0557116	Cpz
ENSMUSG00000052572	4.593343099	2.19954455	1.75E-09	1.28E-08	48.3238654	27.393107	42.1228745	157.4027854	132.2920927	252.1695943	Dlg2
ENSMUSG00000069874	0.313802196	-1.672072648	1.75E-09	1.29E-08	919.943214	2091.65938	1397.48831	428.7154814	467.7165598	486.9833865	Irgm2
ENSMUSG00000062300	0.479597232	-1.060104763	1.78E-09	1.30E-08	531.562519	454.921241	584.76461	281.6681424	221.0558193	251.1486648	Nectin2
ENSMUSG00000032436	0.402791161	-1.311896071	1.82E-09	1.34E-08	430.440356	565.471994	712.372142	242.317446	225.3233062	219.4998493	Cmtm7
ENSMUSG00000043903	0.257381055	-1.958022232	1.89E-09	1.38E-08	255.042623	185.881797	401.406216	76.63030344	61.45181078	78.61157393	Zfp469
ENSMUSG00000031283	0.394599682	-1.341538303	1.99E-09	1.46E-08	2615.75293	1666.0879	1515.18457	837.7556146	738.2752268	712.608813	Chrdl1
ENSMUSG00000044712	0.494138518	-1.017012576	2.00E-09	1.46E-08	512.769905	407.961629	452.201447	210.2155621	217.6418299	251.1486648	Slc38a6
ENSMUSG00000026637	2.008879152	1.006390779	2.01E-09	1.47E-08	360.639217	322.847332	424.945469	679.3172845	706.695824	837.1622159	Traf5
ENSMUSG00000030519	0.175703988	-2.508781158	2.01E-09	1.47E-08	60.8522749	55.7645392	58.2286794	10.35544641	11.09546584	9.188365784	Apba2
ENSMUSG00000030796	0.446819987	-1.162234374	2.08E-09	1.52E-08	408.963083	421.658182	574.853346	215.3932853	214.2278404	197.0393996	Tead2
ENSMUSG00000005465	0.338382252	-1.563274192	2.16E-09	1.57E-08	188.821029	215.231555	142.474428	69.38149095	58.03782129	58.1929833	Il27ra
ENSMUSG00000037625	0.202435035	-2.304469102	2.16E-09	1.57E-08	103.806822	105.659127	101.590462	13.46208033	17.06994744	32.66974501	Cldn11
ENSMUSG00000021298	0.185365389	-2.431556203	2.19E-09	1.60E-08	102.017049	244.581312	208.136556	35.20851779	42.6748686	24.50230876	Gpr132
ENSMUSG00000022861	2.390506874	1.257316554	2.23E-09	1.62E-08	138.707391	165.336967	130.085348	408.0045886	340.5454514	290.9649165	Dgkg
ENSMUSG00000111840	0.102000615	-3.293350241	2.24E-09	1.63E-08	93.9630715	51.8512382	61.9454036	11.39099105	6.827978976	3.062788595	Gm48832
ENSMUSG00000051331	2.34882616	1.231939942	2.25E-09	1.64E-08	1722.65631	1083.00605	1070.41657	2814.610334	3117.8259	3177.132702	Cacna1c
ENSMUSG00000016386	4.861688982	2.281457602	2.26E-09	1.65E-08	19.6875007	20.5448302	43.3617825	113.9099105	158.7505112	126.5952619	Mpped2
ENSMUSG00000047798	0.191318511	-2.38595163	2.28E-09	1.66E-08	102.911935	220.123181	177.163854	44.52841956	23.89792642	27.56509735	Cd300lf
ENSMUSG00000031391	0.447271443	-1.160777446	2.29E-09	1.66E-08	498.451722	426.549808	346.89426	201.931205	177.5274534	190.9138224	L1cam
ENSMUSG00000073640	28.06024271	4.810455583	2.29E-09	1.66E-08	0.8948864	2.93497575	1.23890807	51.77723205	57.18432392	33.69067454	Rpl27-ps3
ENSMUSG00000024180	0.286804492	-1.801860476	2.31E-09	1.68E-08	132.443187	144.792137	201.942016	35.20851779	49.50284757	52.06740611	Tmem8
ENSMUSG00000016552	0.25753906	-1.957136836	2.33E-09	1.69E-08	104.701708	96.8541996	81.7679328	28.99524995	24.75142379	19.3976611	Foxred2
ENSMUSG00000071324	3.254813203	1.702574748	2.36E-09	1.71E-08	40.2698878	32.2847332	30.9727018	105.6255534	124.6106163	108.2185303	Armc2
ENSMUSG00000067242	0.24592579	-2.023705056	2.44E-09	1.77E-08	159.289778	106.637452	154.863509	45.5639642	24.75142379	33.69067454	Lgi1
ENSMUSG00000034266	0.129723126	-2.946492398	2.46E-09	1.78E-08	45.6392062	104.680802	86.7235651	8.284357128	11.09546584	11.23022485	Batf
ENSMUSG00000046879	0.359048342	-1.477749996	2.47E-09	1.79E-08	853.721621	1656.30465	1259.96951	398.6846868	452.3536071	502.2973295	Irgm1
ENSMUSG00000027996	0.357264683	-1.484934791	2.50E-09	1.81E-08	10421.847	9331.26622	17160.1157	4970.614277	3499.339225	4717.715365	Sfrp2
ENSMUSG00000042515	3.290955155	1.718506367	2.50E-09	1.81E-08	113.650572	74.3527189	54.5119552	249.5662585	264.5841853	289.943987	Mum1l1
ENSMUSG00000019866	0.318557357	-1.650374938	2.54E-09	1.83E-08	218.35228	360.023692	235.392534	102.5189195	78.52175822	78.61157393	Crybg1
ENSMUSG00000036611	0.383428842	-1.382969232	2.54E-09	1.83E-08	269.360805	378.611871	253.976155	104.5900087	116.92914	124.5534028	Eepd1

ENSMUSG00000091460	8.69955819	3.120942135	2.56E-09	1.85E-08	4.47443198	5.86995149	16.1058049	84.91466056	75.10776873	61.25577189	Gm7808
ENSMUSG00000042066	2.068837128	1.048820071	2.57E-09	1.85E-08	518.139223	646.672989	426.184377	1052.113355	1131.737515	1111.79226	Tmcc2
ENSMUSG00000027456	0.312417493	-1.678452857	2.60E-09	1.87E-08	96.6477307	121.312331	112.740635	34.17297315	32.43290013	36.75346313	Sdcbp2
ENSMUSG00000066800	0.417843394	-1.258965767	2.60E-09	1.88E-08	608.522749	455.899566	431.140009	190.5402139	189.4764166	246.0440171	Rnasel
ENSMUSG00000054520	0.449471678	-1.153697884	2.61E-09	1.88E-08	345.426149	480.357697	439.812366	175.0070443	185.2089297	208.2696244	Sh3bp2
ENSMUSG00000071068	4.988294859	2.318546746	2.61E-09	1.88E-08	32.2159102	76.3093694	70.6177601	280.6325977	201.4253798	408.3718126	Treml2
ENSMUSG00000006369	0.396030042	-1.336318221	2.63E-09	1.89E-08	5830.18487	4377.02716	5545.35253	2508.089121	1439.850067	2291.986798	Fbln1
ENSMUSG00000092035	5.067445482	2.341258663	2.64E-09	1.90E-08	59.0625021	43.0463109	50.795231	221.6065532	150.2155375	404.2880945	Peg10
ENSMUSG00000001864	0.326839668	-1.613345005	2.65E-09	1.90E-08	158.394892	204.469977	252.737247	73.52366951	70.84028187	56.15112423	Aif1l
ENSMUSG00000020573	0.365121428	-1.453551757	2.65E-09	1.91E-08	205.823871	261.212841	184.597303	80.772482	89.61722406	67.38134908	Pik3cg
ENSMUSG00000025855	0.323426198	-1.62849155	2.66E-09	1.91E-08	214.772735	183.925147	220.525637	69.38149095	46.94235546	84.73715112	Prkar1b
ENSMUSG00000000531	0.477592264	-1.066148625	2.67E-09	1.91E-08	610.312522	735.700587	718.566682	367.6183476	267.1446774	352.2206884	Grasp
ENSMUSG00000072596	0.254461747	-1.9744793	2.71E-09	1.95E-08	156.605119	163.380317	92.9181054	38.31515172	31.57940276	35.7325336	Ear2
ENSMUSG00000021175	0.196537581	-2.347122892	2.72E-09	1.95E-08	89.4886395	82.1793209	59.4675875	16.56871426	11.94896321	17.35580204	Cdca7l
ENSMUSG00000055216	0.162173861	-2.624386793	2.76E-09	1.98E-08	53.6931837	103.702476	94.1570135	13.46208033	11.09546584	16.3348725	9430025C20Rik
ENSMUSG00000051998	2.574072802	1.364052857	2.77E-09	1.98E-08	80.5397756	99.7891754	99.1126458	194.6823925	267.9981748	254.2114533	Lax1
ENSMUSG00000041771	22.17801129	4.471058099	2.83E-09	2.02E-08	3.57954558	0.97832525	1.23890807	52.81277669	38.40738174	42.87904032	Slc24a4
ENSMUSG00000033031	0.374452679	-1.417144684	2.84E-09	2.03E-08	174.502847	155.553715	142.474428	51.77723205	64.86580027	60.23484236	C330027C09Rik
ENSMUSG00000005716	0.011582264	-6.431938885	2.84E-09	2.04E-08	2903.01147	46993.8533	9875.33625	230.9264549	109.2476636	352.2206884	Pvalb
ENSMUSG00000036459	2.14804672	1.103025372	2.86E-09	2.04E-08	1293.11084	1490.96768	1942.60786	3895.71894	3083.686005	3167.944336	Wtip
ENSMUSG00000031443	0.099536167	-3.328635364	2.92E-09	2.09E-08	75.1704572	150.662088	101.590462	8.284357128	4.26748686	20.41859063	F7
ENSMUSG00000047976	0.325065025	-1.621199756	2.95E-09	2.10E-08	129.758527	118.377355	127.607531	37.27960708	49.50284757	34.71160407	Kcna1
ENSMUSG00000041797	0.223766814	-2.159932004	2.95E-09	2.11E-08	1486.4063	809.074981	502.996677	255.7795263	174.1134639	197.0393996	Abca9
ENSMUSG00000039956	0.242659814	-2.042992886	3.00E-09	2.14E-08	597.784112	279.801021	566.180989	142.9051605	79.37525559	128.637121	Mrap
ENSMUSG00000018849	2.393753156	1.259274389	3.02E-09	2.15E-08	124.389209	111.529078	117.696267	316.8766602	227.8837983	303.2160709	Wwc1
ENSMUSG00000092203	0.478722265	-1.062739189	3.03E-09	2.16E-08	228.196031	260.234516	263.887419	117.0165444	122.0501242	120.4696847	1110038B12Rik
ENSMUSG00000026109	0.390260712	-1.357489863	3.03E-09	2.16E-08	441.178993	449.051289	349.372076	187.43358	120.3431294	177.6417385	Tmeff2
ENSMUSG00000024696	0.225680284	-2.147647711	3.05E-09	2.17E-08	149.446028	283.714322	313.443742	45.5639642	75.10776873	46.96275845	Lpxn
ENSMUSG00000022893	2.010116768	1.00727931	3.06E-09	2.17E-08	4215.80981	3125.74917	2829.66604	7264.345657	6467.803085	6719.758177	Adamts1
ENSMUSG00000053626	0.170191606	-2.554768211	3.06E-09	2.17E-08	498.451722	292.519249	143.713336	60.06158918	56.33082655	42.87904032	Tll1
ENSMUSG00000024261	0.050647687	-4.303359791	3.06E-09	2.17E-08	62.6420477	43.0463109	85.484657	0	2.560492116	7.146506721	Syt4
ENSMUSG00000036875	0.256003209	-1.9657662	3.06E-09	2.18E-08	180.767052	230.884759	112.740635	45.5639642	46.08885809	42.87904032	Dna2
ENSMUSG00000020722	0.013205044	-6.24276705	3.08E-09	2.18E-08	89.4886395	934.300612	252.737247	8.284357128	2.560492116	6.125577189	Cacng1
ENSMUSG00000038894	2.246124835	1.167438112	3.08E-09	2.19E-08	586.150589	426.549808	635.559841	1365.883382	1036.999307	1297.601435	Irs2
ENSMUSG00000026938	0.288524183	-1.793235851	3.10E-09	2.20E-08	103.806822	137.94386	135.04098	42.45733028	38.40738174	27.56509735	Fcna
ENSMUSG00000047261	0.27579828	-1.858314637	3.12E-09	2.21E-08	123.494323	90.9842481	133.802072	34.17297315	34.99339225	26.54416782	Gap43
ENSMUSG00000038822	2.206270485	1.141609674	3.12E-09	2.21E-08	390.170468	281.757672	289.904489	810.8314539	687.0653844	627.8716619	Hace1
ENSMUSG00000031951	2.0479692	1.034194019	3.15E-09	2.23E-08	148.551142	145.770462	138.757704	265.0994281	320.9150119	301.1742118	Tmem231
ENSMUSG00000054675	0.393036441	-1.347265014	3.24E-09	2.29E-08	1455.98017	1269.86617	1668.80917	736.2722398	413.092728	578.8670444	Tmem119
ENSMUSG00000000402	0.01343879	-6.217452895	3.25E-09	2.30E-08	50.1136381	34.2413837	128.84644	1.035544641	1.706994744	0	Egfl6
ENSMUSG00000068744	0.335076303	-1.577438432	3.27E-09	2.31E-08	144.07671	132.073909	121.412991	53.84832133	40.11437648	39.81625173	Psrc1
ENSMUSG00000048138	0.056504298	-4.145495574	3.37E-09	2.38E-08	30.4261374	50.8729129	54.5119552	2.071089282	3.413989488	2.041859063	Dmrt2
ENSMUSG00000023982	0.185589822	-2.429810503	3.37E-09	2.38E-08	60.8522749	74.3527189	71.8566682	8.284357128	13.65595795	16.3348725	Guca1a
ENSMUSG00000022351	2.132357595	1.092449397	3.39E-09	2.40E-08	221.931826	228.928108	204.419832	412.1467671	557.3337839	427.7694737	Sqle
ENSMUSG00000026271	0.175875673	-2.507372148	3.43E-09	2.42E-08	102.017049	170.228593	107.785002	24.85307138	11.94896321	30.62788595	Gpr35
ENSMUSG00000104213	8.435869936	3.076536852	3.44E-09	2.43E-08	16.1079551	30.3280827	17.344713	127.3719908	314.9405303	95.96737596	Ighd
ENSMUSG00000040594	2.611755516	1.385019854	3.50E-09	2.46E-08	85.909094	67.5044422	58.2286794	178.1136783	184.3554323	193.976611	Ranbp17
ENSMUSG00000086946	10.08229389	3.333752009	3.54E-09	2.49E-08	6.26420477	2.93497575	6.19454036	39.35069636	60.59831341	54.10926517	Gm15527
ENSMUSG00000031298	0.305475318	-1.710872277	3.55E-09	2.50E-08	201.349439	134.030559	189.552935	65.23931238	43.52836597	52.06740611	Adgrg2
ENSMUSG00000030249	2.250688511	1.170366406	3.56E-09	2.51E-08	3952.71321	2672.78458	2384.89804	6614.023622	7175.352406	6496.174609	Abcc9
ENSMUSG00000045776	0.066244627	-3.91605275	3.57E-09	2.51E-08	38.480115	178.055195	73.0955763	5.177723205	6.827978976	7.146506721	Lrtm1
ENSMUSG00000006273	0.434322318	-1.203162007	3.58E-09	2.52E-08	1582.15915	2502.55599	2615.33494	1012.762659	949.942575	946.4016757	Atp6v1b2
ENSMUSG00000027698	0.468868391	-1.092745071	3.64E-09	2.56E-08	376.747172	529.27396	495.563229	221.6065532	218.4953272	216.4370607	Nceh1
ENSMUSG00000031997	3.765512784	1.912846343	3.71E-09	2.61E-08	131.5483	100.767501	83.0068409	386.2581511	255.1957142	550.2810175	Trpc6
ENSMUSG00000029005	13.4141443	3.745683122	3.77E-09	2.65E-08	3.57954558	7.82660199	14.8668969	109.7677319	50.35634495	183.7673157	Draxin
ENSMUSG00000090210	2.146570669	1.10203367	3.96E-09	2.78E-08	499.346609	352.19709	460.873803	798.4049182	1027.610836	990.3016456	Itga10
ENSMUSG00000071567	2.448043182	1.291629007	4.02E-09	2.81E-08	145.866482	116.420705	190.791843	351.0496333	358.4688962	395.0997287	NA
ENSMUSG00000020848	0.313326857	-1.674259659	4.10E-09	2.87E-08	201.349439	143.813812	139.996612	52.81277669	41.82137123	58.1929833	Doc2b
ENSMUSG00000026970	0.436489356	-1.195981621	4.11E-09	2.87E-08	3488.26717	4333.98085	6042.15467	2094.906809	1944.267013	2011.231177	Rbms1
ENSMUSG00000108929	24.02767847	4.586625359	4.15E-09	2.90E-08	4.47443198	0.97832525	0	42.45733028	44.38186334	56.15112423	Cc2d2b
ENSMUSG00000032377	0.489700979	-1.030027013	4.21E-09	2.94E-08	1039.85799	816.901583	743.344844	463.9239992	392.6087911	418.5811079	Plscr4
ENSMUSG00000036995	0.469991689	-1.08929285	4.27E-09	2.98E-08	1076.54833	808.096655	796.617891	462.8884545	360.175891	438.9996986	Asap3
ENSMUSG00000033470	9.727307986	3.282040597	4.30E-09	2.99E-08	7.15909116	11.739903	4.95563229	59.02604454	54.62383181	121.4906143	Cysltr2
ENSMUSG00000034685	0.492562802	-1.021620415	4.36E-09	3.03E-08	422.386379	423.614833	541.402828	235.0686335	210.8138509	236.8556513	Fam171a2
ENSMUSG00000024379	0.200900383	-2.315447779	4.45E-09	3.10E-08	67.1164797	92.9408986	105.307186	23.81752674	16.21645007	13.27208391	Tslp
ENSMUSG00000005410	0.409392248	-1.28844431	4.48E-09	3.12E-08	261.306827	262.191167	236.631442	82.84357128	125.4641137	102.0929532	Mcm5
ENSMUSG00000052914	0.409076248	-1.289558322	4.73E-09	3.29E-08	442.968766	346.327138	328.310639	181.2203122	126.3176111	151.0975707	Cyp2j6
ENSMUSG00000030559	0.201162279	-2.313568289	4.75E-09	3.30E-08	79.6448892	69.4610927	68.139944	14.49762497	10.24196846	19.3976611	Rab38
ENSMUSG00000043510	2.100251976	1.070562424	4.79E-09	3.32E-08	171.818188	216.20988	153.624601	388.3292404	376.392341	375.7020676	Hscb
ENSMUSG00000086810	5.981925021	2.580609827	4.91E-09	3.40E-08	14.3181823	11.739903	9.91126458	54.88386597	67.42629239	94.94644643	Gm13110
ENSMUSG00000034664	3.860484977	1.948782099	4.94E-09	3.42E-08	186.13637	208.383278	267.604144	886.4262127	461.7420782	1205.717777	Itga2b
ENSMUSG00000056025	0.226050186	-2.145284991	4.97E-09	3.44E-08	1383.49437	1025.28486	465.829435	264.0638835	163.017998	223.5835674	Clca3a1
ENSMUSG00000031595	0.366601294	-1.447716218	5.01E-09	3.46E-08	2112.82678	1184.75188	1704.73751	686.566097	469.4235546	678.9181385	Pdgfrl
ENSMUSG00000029851	0.404730297	-1.304967244	5.15E-09	3.56E-08	357.954558	271.974419	245.303798	128.4075355	107.5406689	119.4487552	Tcaf2
ENSMUSG00000055235	0.09811778	-3.3493416	5.24E-09	3.62E-08	49.2187517	43.0463109	44.6006906	6.213267846	5.120984232	2.041859063	Wdr86
ENSMUSG00000086119	2.010808451	1.007775657	5.36E-09	3.70E-08	174.502847	152.618739	185.836211	338.6230976	373.8318489	316.4881548	Gm2415
ENSMUSG00000097423	0.093622748	-3.416997079	5.54E-09	3.82E-08	58.1676157	100.767501	257.692879	13.46208033	10.24196846	15.31394297	Gm26522
ENSMUSG00000021697	5.88735399	2.557619375	5.68E-09	3.91E-08	7.15909116	14.6748787	22.3003453	89.05683913	75.96126611	88.82086924	Depdc1b
ENSMUSG00000074802	0.354631864	-1.495605924	5.77E-09	3.97E-08	202.244325	208.383278	153.624601	63.1682231	57.18432392	80.65343299	Gas2l3
ENSMUSG00000003617	0.466413416	-1.100318809	5.98E-09	4.11E-08	4023.40923	3425.1167	2695.86397	1728.324006	1311.825461	1693.722093	Cp
ENSMUSG00000029641	2.906007953	1.539038651	6.04E-09	4.14E-08	120.809663	93.9192239	147.430061	268.206062	348.2269278	432.8741214	Rasl11a
ENSMUSG00000024440	0.294985332	-1.761284875	6.18E-09	4.24E-08	169.133529	109.572428	137.518796	38.31515172	35.84688962	49.00461751	Pcdh12
ENSMUSG00000018930	0.064550774	-3.953421791	6.27E-09	4.30E-08	32.2159102	170.228593	95.3959216	8.284357128	6.827978976	4.083718126	Ccl4
ENSMUSG00000040265	0.313074506	-1.675422061	6.48E-09	4.43E-08	318.579557	239.689686	169.730406	79.73693736	80.22875297	68.40227861	Dnm3
ENSMUSG00000026126	0.299008484	-1.741741673	6.51E-09	4.44E-08	289.048306	517.534057	625.648577	160.5094194	124.6106163	142.9301344	Ptpn18
ENSMUSG00000044033	2.376341041	1.2487419	6.58E-09	4.49E-08	621.051158	448.072964	377.866962	1092.499596	1323.774424	1027.055109	Ccdc141
ENSMUSG00000053469	3.129888992	1.64611149	6.63E-09	4.52E-08	51.9034109	40.1113352	52.0341391	185.3624907	130.5850979	134.7626982	Tg
ENSMUSG00000097391	0.241642104	-2.049056242	6.63E-09	4.52E-08	191.505689	195.66505	393.972767	75.59475879	59.74481604	53.08833564	Mirg
ENSMUSG00000054453	8.418177714	3.073507966	6.66E-09	4.54E-08	12.5284095	9.78325249	4.95563229	76.63030344	109.2476636	47.98368798	Sytl5
ENSMUSG00000020793	0.225668979	-2.147719981	6.70E-09	4.57E-08	63.5369341	74.3527189	76.8123005	15.53316962	13.65595795	19.3976611	Galr2
ENSMUSG00000032625	0.363064872	-1.461700744	6.99E-09	4.76E-08	472.500017	306.215803	286.187765	130.4786248	139.1200716	117.4068961	Thsd7a
ENSMUSG00000100600	37.0216784	5.210298397	7.41E-09	5.03E-08	1.78977279	0	2.47781615	28.99524995	60.59831341	62.27670142	A230077H06Rik
ENSMUSG00000028834	0.00623479	-7.32544332	7.58E-09	5.15E-08	48.3238654	589.930125	149.907877	3.106633923	0.853497372	1.020929532	Trim63

ENSMUSG00000046718	0.266408216	-1.90828952	7.69E-09	5.22E-08	1236.733	3098.35606	3555.66617	700.0281773	713.523803	688.1065042	Bst2
ENSMUSG00000036095	2.154257945	1.107191005	7.73E-09	5.24E-08	565.568202	384.481823	376.628054	988.9451322	911.5351933	962.7365482	Dgkb
ENSMUSG00000025784	0.458557359	-1.124825889	7.86E-09	5.33E-08	5379.16212	6308.2412	8349.0015	3471.145637	2601.45999	3114.856001	Clec3b
ENSMUSG00000027224	0.04743041	-4.398043836	8.05E-09	5.45E-08	44.7443198	30.3280827	68.139944	1.035544641	1.706994744	4.083718126	Duoxa1
ENSMUSG00000021943	0.449338286	-1.154126104	8.08E-09	5.47E-08	9568.12534	7159.38417	8636.42817	4435.237697	2822.515809	4140.89018	Gdf10
ENSMUSG00000020185	0.178745757	-2.484019099	8.15E-09	5.52E-08	59.0625021	76.3093694	87.9624732	10.35544641	18.77694218	10.20929532	E2f7
ENSMUSG00000032261	4.281682968	2.098177977	8.70E-09	5.88E-08	283.678987	239.689686	262.648511	827.4001682	645.2440132	1893.824281	Sh3bgrl2
ENSMUSG00000062081	8.875022629	3.149750798	8.73E-09	5.89E-08	4.47443198	5.86995149	4.95563229	39.35069636	45.23536071	51.04647658	Gm6055
ENSMUSG00000041827	0.096232795	-3.377327554	8.88E-09	5.99E-08	57.2727293	282.735997	284.948857	14.49762497	17.06994744	28.58602688	Oasl1
ENSMUSG00000058715	0.335165344	-1.577055113	8.91E-09	6.01E-08	1043.43754	2087.74608	2150.74441	639.9665882	504.4169468	625.8298028	Fcer1g
ENSMUSG00000099974	0.117122498	-3.093909864	9.17E-09	6.18E-08	42.954547	103.702476	58.2286794	7.248812487	8.53497372	8.167436252	Bcl2a1d
ENSMUSG00000000982	0.076148888	-3.715033222	9.23E-09	6.21E-08	51.9034109	225.014807	104.068278	4.142178564	15.3629527	9.188365784	Ccl3
ENSMUSG00000021194	0.046461844	-4.427809765	9.48E-09	6.38E-08	32.2159102	38.1546847	55.7508633	3.106633923	0.853497372	2.041859063	Chga
ENSMUSG00000036957	2.253321747	1.172053328	9.54E-09	6.41E-08	109.17614	102.724151	130.085348	239.2108121	238.1257668	290.9649165	Lrfn3
ENSMUSG00000031101	0.303191749	-1.721697603	9.56E-09	6.42E-08	158.394892	293.497575	216.808913	67.31040167	76.81476348	58.1929833	Sash3
ENSMUSG00000030672	0.010700139	-6.546226627	9.58E-09	6.44E-08	2239.90065	31351.4109	4522.01447	184.3269461	57.18432392	166.4115136	Mylpf
ENSMUSG00000028542	4.522638141	2.17716457	9.60E-09	6.45E-08	292.627851	152.618739	81.7679328	746.6276862	809.969006	835.1203568	Slc6a9
ENSMUSG00000020642	0.425493533	-1.232790889	9.64E-09	6.47E-08	475.184676	408.939954	651.665646	217.4643746	206.546364	228.6882151	Rnf144a
ENSMUSG00000026958	0.49991559	-1.000243576	9.82E-09	6.58E-08	747.23014	616.344907	664.054727	399.7202314	292.7495986	322.613732	Dpp7
ENSMUSG00000058290	0.390761533	-1.355639643	9.85E-09	6.60E-08	161.974438	137.94386	142.474428	51.77723205	58.89131867	62.27670142	Espl1
ENSMUSG00000079588	0.091483426	-3.450345798	9.94E-09	6.66E-08	109.17614	731.787286	193.269659	34.17297315	29.87240802	30.62788595	Tmem182
ENSMUSG00000031461	0.010061413	-6.635023321	9.94E-09	6.66E-08	323.948875	5481.55637	693.788521	31.06633923	11.94896321	22.46044969	Myom2
ENSMUSG00000031824	0.495606417	-1.012733227	9.97E-09	6.68E-08	478.764222	464.704493	476.979608	283.7392316	204.8393693	216.4370607	6430548M08Rik
ENSMUSG00000027792	3.18574102	1.67162899	1.01E-08	6.74E-08	415.227287	210.339928	198.225292	796.3338289	989.2034541	844.3087226	Bche
ENSMUSG00000068794	0.22794626	-2.133234354	1.03E-08	6.85E-08	325.738648	166.315292	144.952244	50.74168741	53.77033443	40.83718126	Col28a1
ENSMUSG00000079343	0.128015127	-2.965613794	1.05E-08	6.98E-08	60.8522749	40.1113352	48.3174148	5.177723205	7.681476348	6.125577189	C1s2
ENSMUSG00000056116	0.428427014	-1.222878645	1.05E-08	7.02E-08	1791.56256	3130.6408	2917.62851	1105.961677	1108.693086	1143.441075	H2-T22
ENSMUSG00000048163	0.37018699	-1.433673901	1.06E-08	7.04E-08	491.292631	902.994205	669.010359	294.094678	227.0303009	242.9812285	Selplg
ENSMUSG00000029059	0.314306243	-1.669757165	1.06E-08	7.10E-08	374.9574	721.025708	413.795296	169.8293211	129.7316005	175.5998794	Fam213b
ENSMUSG00000002058	2.091649391	1.064641042	1.14E-08	7.59E-08	221.931826	278.822696	237.87035	442.1775617	503.5634495	599.285635	Unc119
ENSMUSG00000024736	2.141788114	1.098815762	1.14E-08	7.63E-08	339.161944	262.191167	218.047821	570.5850972	601.7156472	588.0554102	Tmem132a
ENSMUSG00000002489	0.449046837	-1.155062165	1.15E-08	7.65E-08	333.792625	336.543886	303.532478	173.9714997	117.7826373	147.0138525	Tiam1
ENSMUSG00000001020	0.395301523	-1.338974581	1.16E-08	7.70E-08	1251.05118	2156.22885	2306.84683	814.9736325	704.1353319	739.1529808	S100a4
ENSMUSG00000029299	0.322170467	-1.634103844	1.16E-08	7.70E-08	120.809663	123.268981	135.04098	30.03079459	41.82137123	50.02554704	Abcg3
ENSMUSG00000030711	0.463495111	-1.109373974	1.16E-08	7.70E-08	1717.28699	1390.20018	1304.5702	830.5068021	663.167458	552.3228766	Sult1a1
ENSMUSG00000006378	2.086833373	1.06131541	1.16E-08	7.72E-08	114.545459	106.637452	104.068278	244.3885353	219.3488246	216.4370607	Gcat
ENSMUSG00000100862	2.390281218	1.257180362	1.16E-08	7.72E-08	112.755686	142.835486	111.501727	325.1610173	239.8327615	314.4462957	Gm10925
ENSMUSG00000051076	142.1633621	7.151405895	1.19E-08	7.89E-08	0	0.97832525	0	46.59950885	57.18432392	53.08833564	Vtcn1
ENSMUSG00000001228	0.27109583	-1.883125171	1.22E-08	8.13E-08	131.5483	275.88772	203.180924	60.06158918	56.33082655	49.00461751	Uhrf1
ENSMUSG00000038555	2.268763168	1.181906017	1.26E-08	8.36E-08	132.443187	109.572428	116.457359	318.9477494	250.9282274	245.0230876	Reep2
ENSMUSG00000028458	2.083333209	1.058893603	1.26E-08	8.37E-08	343.636376	355.132065	242.825982	673.1040167	604.2761394	690.1483633	Tesk1
ENSMUSG00000033082	0.390325589	-1.357250048	1.28E-08	8.49E-08	421.491492	342.413837	286.187765	168.7937765	123.7571189	118.4278257	Clec1a
ENSMUSG00000024292	7.023710851	2.812233454	1.29E-08	8.59E-08	10.7386367	7.82660199	14.8668969	77.66584808	48.6493502	106.1766713	Cyp4f14
ENSMUSG00000073198	4.831059841	2.272339723	1.32E-08	8.73E-08	16.1079551	11.739903	11.1501727	68.34594631	59.74481604	62.27670142	Bnip3l-ps
ENSMUSG00000078945	0.299321462	-1.740232368	1.36E-08	9.01E-08	204.034098	253.386239	135.04098	54.88386597	54.62383181	68.40227861	Naip2
ENSMUSG00000020695	0.489055669	-1.031929398	1.39E-08	9.22E-08	3339.71603	2823.44667	4451.3967	1725.217372	1656.638399	1808.0662	Mrc2
ENSMUSG00000048120	2.498695775	1.321175259	1.41E-08	9.31E-08	3921.39218	3015.19842	1963.6693	7288.163184	7830.838388	7127.10906	Entpd1
ENSMUSG00000024579	2.014321713	1.010294119	1.45E-08	9.56E-08	175.397733	218.16653	247.781615	441.1420171	416.5067175	429.8113328	Pcyox1l
ENSMUSG00000048922	0.267326239	-1.903326645	1.46E-08	9.63E-08	71.5909116	93.9192239	97.8737377	25.88861603	23.89792642	20.41859063	Cdca2
ENSMUSG00000085565	75.99213182	6.247778145	1.48E-08	9.78E-08	0.8948864	0	1.23890807	50.74168741	56.33082655	47.98368798	Gm15721
ENSMUSG00000089617	173.4288661	7.438200235	1.48E-08	9.78E-08	0	0	1.23890807	104.5900087	50.35634495	36.75346313	Scarna10
ENSMUSG00000024986	0.412146448	-1.278771033	1.49E-08	9.83E-08	306.946034	321.869007	390.256043	139.7985265	110.101161	170.4952318	Hhex
ENSMUSG00000023341	0.205796984	-2.280706255	1.50E-08	9.85E-08	133.338073	247.516288	258.931787	39.35069636	27.3119159	65.33949002	Mx2
ENSMUSG00000021416	0.147812662	-2.758158231	1.51E-08	9.95E-08	53.6931837	63.5911412	47.0785068	8.284357128	5.120984232	11.23022485	Eci3
ENSMUSG00000051220	0.159395838	-2.649314132	1.54E-08	1.01E-07	74.2755708	63.5911412	52.0341391	9.319901769	14.50945532	6.125577189	Ercc6l
ENSMUSG00000028396	0.012600693	-6.310353107	1.56E-08	1.02E-07	27.7414783	249.472938	37.1672422	2.071089282	0	2.041859063	2310002L09Rik
ENSMUSG00000054966	8.531259039	3.09275867	1.58E-08	1.04E-07	6.26420477	4.89162624	6.19454036	35.20851779	57.18432392	55.1301947	Lmntd1
ENSMUSG00000000627	0.220833244	-2.178970724	1.60E-08	1.05E-07	79.6448892	61.6344907	91.6791974	21.74643746	14.50945532	15.31394297	Sema4f
ENSMUSG00000008658	0.09126387	-3.453812354	1.62E-08	1.06E-07	116.335231	840.381389	214.331097	39.35069636	29.87240802	37.77439267	Rbfox1
ENSMUSG00000101445	3.427127341	1.776999799	1.64E-08	1.08E-07	38.480115	22.5014807	34.689426	117.0165444	100.7126899	110.2603894	Gm28932
ENSMUSG00000026399	0.373541018	-1.420661421	1.65E-08	1.08E-07	986.164808	1016.47993	704.938693	335.5164637	434.4301623	240.9393694	Cd55
ENSMUSG00000017453	4.653214369	2.218227652	1.66E-08	1.08E-07	69.8011388	49.8945877	23.5392534	237.1397228	164.7249928	271.5672554	Pipox
ENSMUSG00000014786	0.394555926	-1.341698286	1.67E-08	1.09E-07	169.133529	215.231555	188.314027	61.09713382	83.64274245	80.65343299	Slc9a5
ENSMUSG00000098975	136.0155586	7.087627878	1.70E-08	1.11E-07	0	0	1.23890807	47.63505349	55.47732918	46.96275845	Gm27177
ENSMUSG00000028871	0.260926231	-1.93828611	1.71E-08	1.11E-07	125.284095	110.550753	100.351554	28.99524995	19.63043956	39.81625173	Rspo1
ENSMUSG00000038754	97.53428556	6.607837544	1.74E-08	1.13E-07	0.8948864	0.97832525	0	47.63505349	40.11437648	109.2394599	Elovl3
ENSMUSG00000031442	0.416214956	-1.264599288	1.76E-08	1.15E-07	400.909105	314.042405	257.692879	142.9051605	126.3176111	136.8045572	Mcf2l
ENSMUSG00000029093	0.41884188	-1.255522392	1.76E-08	1.15E-07	601.363658	408.939954	448.484722	235.0686335	168.9924796	208.2696244	Sorcs2
ENSMUSG00000036437	2.126014682	1.08815156	1.78E-08	1.16E-07	1786.19325	1310.95583	1246.34152	3665.828029	2903.598059	2669.730725	Npy1r
ENSMUSG00000006457	0.008508246	-6.876922576	1.88E-08	1.22E-07	1440.7671	27288.4262	2419.58747	109.7677319	46.08885809	109.2394599	Actn3
ENSMUSG00000031881	24.81209816	4.632971832	1.89E-08	1.23E-07	2.68465919	0	2.47781615	43.49287492	51.20984232	31.64881548	Cdh16
ENSMUSG00000100303	0.131315406	-2.928891916	1.90E-08	1.23E-07	88.5937531	48.9162624	44.6006906	8.284357128	8.53497372	7.146506721	2600014E21Rik
ENSMUSG00000025747	0.475668378	-1.071971975	1.92E-08	1.25E-07	221.931826	246.537963	281.232132	120.1231784	121.1966268	114.3441075	Tyms
ENSMUSG00000000440	0.320891758	-1.639841361	1.93E-08	1.26E-07	767.812527	457.856216	412.556388	205.0378389	133.9990874	187.8510338	Pparg
ENSMUSG00000048489	0.380682355	-1.393340394	1.98E-08	1.28E-07	253.25285	317.955706	438.573458	132.5497141	125.4641137	125.5743324	8430408G22Rik
ENSMUSG00000028874	0.251874162	-1.989224958	1.98E-08	1.29E-07	212.088076	403.070002	323.355007	53.84832133	68.27978976	114.3441075	Fgr
ENSMUSG00000073888	2.249818704	1.16980875	1.99E-08	1.29E-07	125.284095	137.94386	116.457359	242.317446	277.3866459	335.8858159	Ccl27a
ENSMUSG00000022797	3.996105945	1.998594832	2.01E-08	1.30E-07	248.778418	723.960684	333.266272	1410.411801	2028.763253	1780.501103	Tfrc
ENSMUSG00000022032	0.406357521	-1.299178497	2.05E-08	1.33E-07	3725.41206	2690.39443	2438.17109	1461.153488	891.0512563	1247.575888	Scara5
ENSMUSG00000018845	0.266437522	-1.908130827	2.06E-08	1.33E-07	530.667632	1511.51251	839.979673	274.4193299	247.5142379	246.0440171	Unc45b
ENSMUSG00000046589	0.063414341	-3.979047054	2.09E-08	1.35E-07	27.7414783	43.0463109	52.0341391	3.106633923	1.706994744	3.062788595	Lrrc8e
ENSMUSG00000017491	2.65347459	1.407882733	2.09E-08	1.35E-07	104.701708	129.138933	70.6177601	275.4548745	283.3611275	253.1905238	Rarb
ENSMUSG00000020609	1531.228506	10.58047388	2.15E-08	1.39E-07	2.68465919	2.93497575	2.47781615	3182.228682	3.413989488	9225.119247	Apob
ENSMUSG00000094796	0.039907205	-4.647206945	2.22E-08	1.43E-07	22.3721599	86.0926219	61.9454036	4.142178564	1.706994744	1.020929532	BC147527
ENSMUSG00000030745	0.222223829	-2.169914573	2.26E-08	1.46E-07	114.545459	243.602987	240.348166	51.77723205	51.20984232	29.60695641	Il21r
ENSMUSG00000040254	2.76363856	1.466568946	2.33E-08	1.51E-07	906.519919	711.242456	419.989837	1909.544318	2064.610143	1664.115136	Sema3d
ENSMUSG00000087658	2.011356314	1.00816868	2.37E-08	1.53E-07	125.284095	144.792137	164.774774	289.9524995	297.0170854	283.8184098	Hotairm1
ENSMUSG00000038252	0.499707911	-1.000843037	2.40E-08	1.55E-07	436.704561	453.942915	340.69972	202.9667496	196.3043956	217.4579902	Ncapd2
ENSMUSG00000006014	0.240184059	-2.057787691	2.40E-08	1.55E-07	327.528421	166.315292	156.102417	40.386241	60.59831341	55.1301947	Prg4
ENSMUSG00000056612	0.381187954	-1.391425566	2.41E-08	1.55E-07	1074.75856	1722.83076	2206.49528	661.7130256	633.29505	611.5367894	Ppp1r14b
ENSMUSG00000028312	0.432709956	-1.208527781	2.41E-08	1.55E-07	486.818199	573.298596	636.798749	281.6681424	268.8516722	182.7463861	Smc2
ENSMUSG00000004359	0.04106441	-4.605967605	2.48E-08	1.60E-07	30.4261374	45.0029614	40.8839664	2.071089282	2.560492116	0	Spic
ENSMUSG00000069910	0.155749422	-2.682701282	2.49E-08	1.60E-07	41.1647742	57.7211897	49.5563229	7.248812487	7.681476348	8.167436252	Spdl1

ENSMUSG00000070780	0.239958807	-2.05914133	2.49E-08	1.60E-07	185.241484	278.822696	389.017135	72.48812487	42.6748686	89.84179877	Rbm47
ENSMUSG00000093672	3.612589461	1.853033315	2.49E-08	1.60E-07	40.2698878	36.1980342	19.8225292	125.3009016	122.9036216	104.1348122	Gm20655
ENSMUSG00000049580	0.431936744	-1.211108045	2.50E-08	1.60E-07	540.511383	474.487746	641.754382	240.2463567	186.9159245	288.9230574	Tsku
ENSMUSG00000018459	0.059265652	-4.076659963	2.51E-08	1.61E-07	34.9005694	57.7211897	84.2457489	5.177723205	5.120984232	0	Slc13a3
ENSMUSG00000078552	2.517638379	1.332071076	2.52E-08	1.62E-07	59.9573885	64.5694664	54.5119552	132.5497141	164.7249928	154.1603593	Dcdc2b
ENSMUSG00000029283	0.263998964	-1.921395827	2.53E-08	1.63E-07	135.127846	127.182282	102.82937	39.35069636	37.55388437	19.3976611	Cdc7
ENSMUSG00000020354	3.103846032	1.634056993	2.59E-08	1.66E-07	371.377854	188.816773	187.075119	770.4452129	901.2932248	652.3739706	Sgcd
ENSMUSG00000057729	0.080394638	-3.636756914	2.63E-08	1.68E-07	75.1704572	58.6995149	69.3788521	10.35544641	5.974481604	0	Prtn3
ENSMUSG00000061723	0.010948708	-6.513095491	2.69E-08	1.72E-07	4149.58822	70413.0031	8527.40426	374.86716	151.0690348	383.8695039	Tnnt3
ENSMUSG00000047959	10.10021355	3.336313891	2.77E-08	1.77E-07	14.3181823	3.91330099	2.47781615	63.1682231	64.86580027	88.82086924	Kcna3
ENSMUSG00000021234	3.385021455	1.759164978	2.79E-08	1.78E-07	29.531251	35.219709	21.0614372	101.4833748	100.7126899	90.86272831	Fam161b
ENSMUSG00000046314	0.43643188	-1.196171606	2.80E-08	1.79E-07	493.97729	375.676895	315.921559	170.8648658	168.9924796	178.662668	Stxbp6
ENSMUSG00000041020	2.190538399	1.131285504	2.81E-08	1.79E-07	211.193189	142.835486	158.580233	388.3292404	390.9017964	346.0951112	Map7d2
ENSMUSG00000009741	2.006980097	1.005026309	2.81E-08	1.80E-07	2285.53985	1721.85244	1440.85009	3498.069797	3673.452689	3769.27183	Ubp1
ENSMUSG00000075122	0.196556828	-2.346981613	2.88E-08	1.84E-07	54.5880701	81.2009956	92.9181054	14.49762497	18.77694218	11.23022485	Cd80
ENSMUSG00000051985	0.00188153	-9.053877829	2.90E-08	1.85E-07	47.428979	829.619811	178.402762	1.035544641	0	1.020929532	Igfn1
ENSMUSG00000026587	0.116438748	-3.102356866	2.91E-08	1.85E-07	66.2215933	37.1763594	79.2901166	10.35544641	6.827978976	4.083718126	Astn1
ENSMUSG00000027875	3.1638952	1.661701813	3.06E-08	1.95E-07	432.230129	279.801021	550.075184	1319.283873	920.070167	1750.894147	Hmgcs2
ENSMUSG00000034714	0.295145511	-1.760501695	3.12E-08	1.99E-07	354.375013	329.695609	437.33455	130.4786248	61.45181078	139.8673458	Ttyh2
ENSMUSG00000027737	0.078620365	-3.66895313	3.15E-08	2.00E-07	45.6392062	357.088716	123.890807	13.46208033	13.65595795	14.29301344	Slc7a11
ENSMUSG00000021643	0.298998783	-1.741788482	3.15E-08	2.00E-07	230.88069	330.673934	516.624666	120.1231784	100.7126899	101.0720236	Serf1
ENSMUSG00000068457	2.585997881	1.370721093	3.17E-08	2.01E-07	236.250008	125.225632	173.44713	468.0661777	428.4556807	489.0252456	Uty
ENSMUSG00000025235	2.17772179	1.122819657	3.17E-08	2.01E-07	174.502847	149.683763	122.651899	287.8814102	344.8129383	344.0532521	Bbs4
ENSMUSG00000048521	0.129993588	-2.943487631	3.19E-08	2.03E-07	45.6392062	119.35568	75.5733924	8.284357128	14.50945532	8.167436252	Cxcr6
ENSMUSG00000030867	0.254321436	-1.975275025	3.23E-08	2.05E-07	77.8551164	90.9842481	116.457359	19.67534818	30.72590539	21.43952016	Plk1
ENSMUSG00000009731	0.391233705	-1.35389743	3.25E-08	2.06E-07	151.235801	149.683763	196.986384	57.9904999	65.71929764	70.44413768	Kcnd1
ENSMUSG00000014704	2.126689607	1.088609485	3.29E-08	2.08E-07	102.911935	116.420705	96.6348297	246.4596246	210.8138509	216.4370607	Hoxa2
ENSMUSG00000034872	8.340687343	3.060166279	3.31E-08	2.09E-07	9.84375035	2.93497575	4.95563229	49.70614277	46.94235546	54.10926517	Gipc3
ENSMUSG00000056569	0.273614764	-1.869782015	3.31E-08	2.10E-07	583.46593	1390.20018	603.348231	264.0638835	216.7883325	224.6044969	Mpz
ENSMUSG00000027715	0.426767159	-1.228478935	3.35E-08	2.12E-07	237.144895	335.56556	324.593915	110.8032766	130.5850979	140.8882754	Ccna2
ENSMUSG00000001281	0.251476091	-1.991506853	3.37E-08	2.13E-07	160.184665	414.809905	250.259431	69.38149095	71.69377925	66.36041955	Itgb7
ENSMUSG00000030306	2.197026665	1.13555238	3.48E-08	2.19E-07	2399.19043	1880.34113	1409.87739	4609.209197	4220.544504	3676.367243	Tmtc1
ENSMUSG00000041688	0.392961217	-1.347541161	3.54E-08	2.23E-07	289.943192	389.373449	237.87035	131.5141694	121.1966268	108.2185303	Amot
ENSMUSG00000104876	0.135341604	-2.8853227	3.66E-08	2.30E-07	47.428979	50.8729129	45.8395987	7.248812487	3.413989488	9.188365784	Trdc
ENSMUSG00000020010	0.178307079	-2.487564113	3.67E-08	2.31E-07	88.5937531	85.1142966	74.3344844	15.53316962	6.827978976	22.46044969	Vnn3
ENSMUSG00000095788	0.149818562	-2.738711714	3.87E-08	2.43E-07	65.3267069	136.965535	55.7508633	13.46208033	11.09546584	14.29301344	Sirpb1a
ENSMUSG00000022378	0.423221671	-1.240514591	3.87E-08	2.43E-07	754.389231	1334.43564	1232.71353	475.3149902	475.3980362	454.3136415	Fam49b
ENSMUSG00000037466	0.176125336	-2.505325637	3.88E-08	2.43E-07	67.1164797	92.9408986	79.2901166	19.67534818	16.21645007	6.125577189	Tedc1
ENSMUSG00000049401	0.434135743	-1.203781889	3.94E-08	2.47E-07	1094.44606	1659.23962	1977.29728	682.4239184	691.3328713	678.9181385	Ogfr
ENSMUSG00000040584	0.30067429	-1.733726581	4.06E-08	2.55E-07	595.099453	433.398085	257.692879	147.047339	110.9546584	129.6580505	Abcb1a
ENSMUSG00000061451	0.16464003	-2.602612948	4.15E-08	2.60E-07	56.3778429	57.7211897	58.2286794	7.248812487	14.50945532	6.125577189	Tmem151a
ENSMUSG00000017417	0.162540153	-2.621131938	4.19E-08	2.62E-07	74.2755708	81.2009956	136.279888	18.63980354	7.681476348	21.43952016	Plxdc1
ENSMUSG00000090799	0.107366372	-3.219385901	4.20E-08	2.63E-07	71.5909116	223.058157	64.4232198	9.319901769	11.94896321	17.35580204	Klhl33
ENSMUSG00000025558	0.408689243	-1.290923824	4.27E-08	2.67E-07	3737.94047	2382.22198	1947.56349	1139.099105	1071.992699	1087.289951	Dock9
ENSMUSG00000028464	2.336482877	1.224338464	4.33E-08	2.70E-07	17954.1058	34027.1305	22642.2839	58035.02832	55445.74978	60875.98611	Tpm2
ENSMUSG00000027315	0.022561201	-5.470012296	4.37E-08	2.73E-07	31.3210238	47.9379372	50.795231	3.106633923	0	0	Spint1
ENSMUSG00000007080	0.260630861	-1.939920173	4.38E-08	2.73E-07	143.181823	123.268981	80.5290247	23.81752674	34.99339225	31.64881548	Pole
ENSMUSG00000031097	0.012096799	-6.369230889	4.44E-08	2.77E-07	1533.83528	25369.9303	3493.72076	164.6515979	52.06333969	151.0975707	Tnni2
ENSMUSG00000060678	28.52028918	4.833916705	4.50E-08	2.81E-07	0	0.97832525	3.71672422	42.45733028	33.28639751	43.89996986	Hist1h4c
ENSMUSG00000019194	0.393371972	-1.346033928	4.63E-08	2.88E-07	1831.83245	3515.12262	2158.17786	1089.392962	883.36978	980.0923503	Scn1b
ENSMUSG00000000223	0.228908102	-2.127159569	4.68E-08	2.91E-07	175.397733	273.93107	117.696267	31.06633923	54.62383181	43.89996986	Drp2
ENSMUSG00000043631	2.805763025	1.488393164	4.68E-08	2.91E-07	2392.03133	1223.88489	1129.88416	4328.576599	4628.516248	4364.473747	Ecm2
ENSMUSG00000028600	0.389156935	-1.361576028	4.77E-08	2.97E-07	3513.32399	2150.3589	2122.24953	1193.982971	770.7081269	1066.87136	Podn
ENSMUSG00000058163	0.105451819	-3.245344109	4.81E-08	2.99E-07	68.0113661	135.98721	69.3788521	13.46208033	2.560492116	13.27208391	Gm5431
ENSMUSG00000031609	0.239911453	-2.059426066	4.87E-08	3.02E-07	93.0681851	214.253229	147.430061	34.17297315	40.96787385	33.69067454	Sap30
ENSMUSG00000062753	0.454160726	-1.138725142	4.89E-08	3.03E-07	324.843762	370.785269	475.7407	157.4027854	190.3299139	182.7463861	AI413582
ENSMUSG00000022408	0.049397154	-4.339428277	4.91E-08	3.04E-07	37.5852286	38.1546847	64.4232198	2.071089282	0	5.104647658	Fam83f
ENSMUSG00000022876	0.250040581	-1.999765834	5.06E-08	3.14E-07	110.071027	250.451264	173.44713	40.386241	52.91683706	39.81625173	Samsn1
ENSMUSG00000104109	183.8505907	7.522390002	5.08E-08	3.15E-07	0	0	0	19.67534818	26.45841853	58.1929833	Gm30292
ENSMUSG00000056413	0.304771542	-1.714199899	5.25E-08	3.25E-07	168.238642	341.435512	309.727018	92.16347305	70.84028187	86.77901018	Adap1
ENSMUSG00000074151	0.310843508	-1.685739649	5.28E-08	3.27E-07	457.286948	1005.71836	505.474494	188.4691247	209.1068561	214.3952016	Nlrc5
ENSMUSG00000063275	2.179187817	1.123790543	5.33E-08	3.29E-07	427.755697	736.678912	578.57007	1320.319417	1265.736603	1210.822424	Hacd1
ENSMUSG00000057068	42.46679557	5.408263346	5.56E-08	3.43E-07	0	1.9566505	1.23890807	57.9904999	45.23536071	27.56509735	Fam47e
ENSMUSG00000022440	0.480456383	-1.057522628	5.60E-08	3.45E-07	1867.62791	1754.13717	2709.49195	948.5588912	1117.22806	973.9667731	C1qtnf6
ENSMUSG00000048327	0.294843662	-1.761977914	5.70E-08	3.51E-07	117.230118	143.813812	123.890807	48.67059813	24.75142379	40.83718126	Ckap2l
ENSMUSG00000028195	2.186286178	1.128482258	5.72E-08	3.52E-07	8068.29574	7041.98514	10071.0837	21308.40208	13681.56287	20061.26529	Cyr61
ENSMUSG00000064141	0.296648754	-1.75317237	5.75E-08	3.54E-07	76.96023	94.8975491	102.82937	23.81752674	31.57940276	25.52323829	Zfp69
ENSMUSG00000063415	2.288303266	1.194278263	5.76E-08	3.54E-07	143.181823	177.07687	182.119487	470.137267	360.175891	317.5090843	Cyp26b1
ENSMUSG00000022456	0.150956705	-2.727793258	5.80E-08	3.56E-07	58.1676157	85.1142966	40.8839664	7.248812487	9.388471092	11.23022485	3-Sep
ENSMUSG00000039304	0.409339429	-1.288630456	5.86E-08	3.59E-07	766.022754	914.734107	501.757769	299.2724013	320.0615145	274.630044	Tnfsf10
ENSMUSG00000058443	4.306474707	2.106507358	6.00E-08	3.68E-07	15.2130687	14.6748787	29.7337937	81.80802664	91.3242188	78.61157393	Rpl10-ps3
ENSMUSG00000047182	0.260917556	-1.938334075	6.16E-08	3.77E-07	145.866482	80.2226704	127.607531	35.20851779	24.75142379	32.66974501	Irs3
ENSMUSG00000034656	0.40685504	-1.297413231	6.22E-08	3.80E-07	371.377854	259.256191	307.249202	147.047339	99.85919252	135.7836277	Cacna1a
ENSMUSG00000104263	0.07047529	-3.826738688	6.25E-08	3.82E-07	38.480115	29.3497575	40.8839664	3.106633923	3.413989488	1.020929532	9430062P05Rik
ENSMUSG00000033488	0.432861596	-1.208022287	6.26E-08	3.83E-07	329.318194	316.977381	449.72363	134.6208033	156.1900191	182.7463861	Cryzl2
ENSMUSG00000004446	0.399239122	-1.324674996	6.28E-08	3.84E-07	201.349439	231.863084	231.67581	81.80802664	70.84028187	113.323178	Bid
ENSMUSG00000024044	0.350541191	-1.512344114	6.29E-08	3.84E-07	400.014219	219.144856	302.29357	123.2298123	110.101161	89.84179877	Epb41l3
ENSMUSG00000005947	0.133728498	-2.902621158	6.30E-08	3.84E-07	41.1647742	55.7645392	39.6450583	4.142178564	5.974481604	8.167436252	Itgae
ENSMUSG00000039116	0.350364655	-1.513070854	6.39E-08	3.90E-07	655.951728	586.016824	334.50518	206.0733836	193.7439034	153.1394297	Adgrg6
ENSMUSG00000036745	2.499822727	1.321825791	6.42E-08	3.91E-07	603.153431	817.879908	398.928399	1561.601319	1537.148767	1455.845512	Ttll7
ENSMUSG00000111761	3.211989834	1.683467327	6.60E-08	4.02E-07	77.8551164	35.219709	60.7064956	183.2914015	187.7694218	187.8510338	9230112J17Rik
ENSMUSG00000044244	0.374583082	-1.416642354	6.63E-08	4.03E-07	145.866482	211.318254	208.136556	73.52366951	59.74481604	78.61157393	Il20rb
ENSMUSG00000021033	0.487455663	-1.036657091	6.63E-08	4.04E-07	1866.73302	1271.82282	1948.8024	896.7816591	751.0776873	832.0575682	Gstz1
ENSMUSG00000047996	0.492672429	-1.021299358	6.64E-08	4.04E-07	276.519896	225.993132	245.303798	132.5497141	116.0756426	120.4696847	Prrg1
ENSMUSG00000078202	0.397996232	-1.329173323	6.66E-08	4.05E-07	168.238642	194.686724	138.757704	72.48812487	60.59831341	67.38134908	Nrarp
ENSMUSG00000022485	0.340011302	-1.556345394	6.71E-08	4.08E-07	192.400575	131.095583	122.651899	51.77723205	50.35634495	50.02554704	Hoxc5
ENSMUSG00000000739	0.369578347	-1.436047862	6.78E-08	4.12E-07	378.536945	366.871968	387.778227	176.042589	88.76372668	155.1812888	Sult5a1
ENSMUSG00000101249	3.16776781	1.663466593	6.78E-08	4.12E-07	57.2727293	90.9842481	105.307186	272.3482406	198.8648877	328.7393092	Gm29216
ENSMUSG00000024677	0.452854384	-1.142880872	6.79E-08	4.12E-07	442.968766	724.939009	564.942081	263.0283388	261.1701958	260.3370305	Ms4a6b
ENSMUSG00000079462	9.285413086	3.214966094	7.01E-08	4.25E-07	7.15909116	3.91330099	2.47781615	44.52841956	49.50284757	35.7325336	Gm15737
ENSMUSG00000069372	0.03632496	-4.782894991	7.08E-08	4.29E-07	25.0568191	150.662088	38.4061503	2.071089282	1.706994744	4.083718126	Ctxn3
ENSMUSG00000073375	0.011161805	-6.485285858	7.30E-08	4.42E-07	30.4261374	211.318254	23.5392534	2.071089282	0	1.020929532	Lrrc30
ENSMUSG00000081209	119.1795292	6.896992644	7.34E-08	4.45E-07	0	0.97832525	0	32.10188387	50.35634495	49.00461751	Gm14890

ENSMUSG00000019787	0.024124382	-5.373364205	7.58E-08	4.59E-07	532.457405	7295.37138	1899.24608	119.0876337	45.23536071	70.44413768	Trdn
ENSMUSG00000038602	0.256160099	-1.964882322	7.62E-08	4.61E-07	106.491481	102.724151	102.82937	40.386241	19.63043956	20.41859063	Slc35f1
ENSMUSG00000078920	0.326919305	-1.612993523	7.64E-08	4.62E-07	431.335243	1002.78338	678.921624	200.8956604	241.5397563	248.0858762	Ifi47
ENSMUSG00000030411	0.409375629	-1.288502878	7.65E-08	4.62E-07	196.875007	188.816773	220.525637	102.5189195	66.57279501	79.63250346	Nova2
ENSMUSG00000043263	0.242230161	-2.045549582	7.66E-08	4.62E-07	239.829554	634.933086	516.624666	80.772482	149.3620401	106.1766713	Ifi209
ENSMUSG00000028076	0.32133924	-1.637830931	7.73E-08	4.67E-07	624.630704	429.484784	460.873803	187.43358	96.44520303	204.1859063	Cd1d1
ENSMUSG00000058427	0.010708382	-6.545115735	7.99E-08	4.82E-07	46.5340926	1017.45826	183.358395	3.106633923	5.120984232	5.104647658	Cxcl2
ENSMUSG00000097124	0.138607024	-2.850927725	8.20E-08	4.94E-07	613.892067	363.936992	148.668969	70.41703559	23.04442904	63.29763095	A530020G20Rik
ENSMUSG00000026433	0.478913378	-1.062163358	8.21E-08	4.95E-07	578.096611	581.125198	844.935306	326.1965619	332.8639751	299.1323527	Rab29
ENSMUSG00000028150	0.326235344	-1.616015006	8.30E-08	5.00E-07	187.926143	160.445341	117.696267	62.13267846	41.82137123	49.00461751	Rorc
ENSMUSG00000040289	0.49482761	-1.015002094	8.33E-08	5.02E-07	332.002853	274.909395	312.204834	172.9359551	149.3620401	132.7208391	Hey1
ENSMUSG00000036833	0.488070136	-1.034839616	8.34E-08	5.02E-07	456.392062	608.518305	501.757769	277.5259638	212.5208456	275.6509735	Pnpla7
ENSMUSG00000070385	0.012078722	-6.371388337	8.37E-08	5.04E-07	115.440345	1983.06528	234.153626	7.248812487	7.681476348	13.27208391	Ampd1
ENSMUSG00000053164	2.756357062	1.462762789	8.38E-08	5.04E-07	86.8039804	70.4394179	47.0785068	179.1492229	182.6484376	206.2277654	Gpr21
ENSMUSG00000078942	0.225103017	-2.151342701	8.53E-08	5.13E-07	121.70455	130.117258	63.1843117	19.67534818	23.89792642	27.56509735	Naip6
ENSMUSG00000046031	0.10624195	-3.234574558	8.59E-08	5.16E-07	34.005683	125.225632	109.02391	9.319901769	12.80246058	6.125577189	Fam26f
ENSMUSG00000062082	0.057017711	-4.132446078	8.59E-08	5.16E-07	23.2670463	87.0709471	42.1228745	3.106633923	2.560492116	3.062788595	Cd200r4
ENSMUSG00000068697	0.015711218	-5.992061143	8.72E-08	5.23E-07	397.32956	6351.28751	846.174214	36.24406244	29.01891065	54.10926517	Myoz1
ENSMUSG00000056973	0.380418615	-1.394340252	8.84E-08	5.30E-07	2088.66485	1116.26911	1447.04463	664.8196595	450.6466124	655.4367592	Ces1d
ENSMUSG00000067780	2.16655763	1.115404613	8.88E-08	5.32E-07	5117.8553	3099.33439	3513.54329	7252.954666	9362.86617	8802.454421	Pi15
ENSMUSG00000033060	0.45342313	-1.141070108	8.90E-08	5.33E-07	692.64207	771.898621	555.030817	369.6894368	303.8450644	242.9812285	Lmo7
ENSMUSG00000097908	2.060987775	1.043335947	8.95E-08	5.36E-07	137.812505	112.507404	125.129715	238.1752674	289.3356091	246.0440171	4933404O12Rik
ENSMUSG00000027460	2.002729377	1.001967487	9.02E-08	5.39E-07	401.803992	371.763594	514.14685	994.1228554	749.3706926	832.0575682	Angpt4
ENSMUSG00000027323	0.285743102	-1.807209425	9.06E-08	5.41E-07	76.0653436	101.745826	92.9181054	24.85307138	31.57940276	20.41859063	Rad51
ENSMUSG00000052135	3.983369426	1.993989284	9.19E-08	5.49E-07	34.9005694	45.0029614	21.0614372	101.4833748	130.5850979	173.5580204	Foxo6
ENSMUSG00000028270	0.378509511	-1.401598541	9.69E-08	5.77E-07	1467.61369	2937.91072	1613.05831	723.8457041	809.969006	744.2576285	Gbp2
ENSMUSG00000063632	0.084633678	-3.562624329	9.83E-08	5.84E-07	34.9005694	55.7645392	139.996612	9.319901769	5.120984232	5.104647658	Sox11
ENSMUSG00000074604	0.242518053	-2.043835947	9.83E-08	5.84E-07	77.8551164	60.6561654	94.1570135	15.53316962	23.04442904	17.35580204	Mgst2
ENSMUSG00000060843	3.133078766	1.64758104	9.84E-08	5.85E-07	169.133529	132.073909	70.6177601	420.4311243	415.6532201	334.8648863	Ctnna3
ENSMUSG00000054435	0.468825897	-1.092875832	9.87E-08	5.86E-07	688.167638	773.855272	516.624666	298.2368566	355.9084041	273.6091144	Gimap4
ENSMUSG00000102037	0.039151374	-4.674793258	1.02E-07	6.07E-07	23.2670463	62.6128159	38.4061503	3.106633923	0.853497372	1.020929532	Bcl2a1a
ENSMUSG00000040009	2.925160883	1.548515975	1.03E-07	6.08E-07	56.3778429	63.5911412	91.6791974	196.7534818	165.5784902	253.1905238	Gnaz
ENSMUSG00000095332	3.753776122	1.908342609	1.04E-07	6.15E-07	154.815346	139.900511	52.0341391	396.6135975	421.6277018	490.0461751	Gm9821
ENSMUSG00000031070	2.002888587	1.002082172	1.05E-07	6.18E-07	422.386379	280.779346	317.160467	651.3575792	722.9122741	671.7716317	Mrgprf
ENSMUSG00000032878	2.897805517	1.534960773	1.05E-07	6.21E-07	71.5909116	39.1330099	55.7508633	144.9762497	169.845977	168.4533727	Ccdc85a
ENSMUSG00000020638	0.271702172	-1.879901994	1.05E-07	6.23E-07	306.051147	814.944932	692.549613	129.4430801	168.9924796	193.976611	Cmpk2
ENSMUSG00000105302	0.074379805	-3.748945224	1.08E-07	6.38E-07	30.4261374	64.5694664	175.924946	5.177723205	7.681476348	7.146506721	Gm19817
ENSMUSG00000044405	0.38922342	-1.361329573	1.08E-07	6.38E-07	399.119332	334.587235	559.986449	204.0022943	156.1900191	142.9301344	Adig
ENSMUSG00000020826	0.195511016	-2.354678195	1.10E-07	6.48E-07	74.2755708	50.8729129	69.3788521	17.6042589	8.53497372	12.25115438	Nos2
ENSMUSG00000034906	0.258325157	-1.95273995	1.11E-07	6.52E-07	160.184665	135.008884	100.351554	49.70614277	25.60492116	27.56509735	Ncaph
ENSMUSG00000042744	2.135256851	1.094409622	1.11E-07	6.53E-07	1083.70742	710.264131	656.621278	1719.004104	1680.536325	1838.694086	Hectd4
ENSMUSG00000041134	0.280562218	-1.833607355	1.12E-07	6.61E-07	482.343767	276.866045	208.136556	110.8032766	83.64274245	77.5906444	Cyyr1
ENSMUSG00000041605	0.006956095	-7.167506709	1.12E-07	6.61E-07	30.4261374	27.393107	18.5836211	0	0	0	5730559C18Rik
ENSMUSG00000026944	2.326642287	1.218249419	1.13E-07	6.64E-07	871.619349	724.939009	467.068343	1662.049149	1433.022088	1713.119754	Abca2
ENSMUSG00000023277	0.481950212	-1.053043978	1.13E-07	6.65E-07	623.735818	974.411948	849.890938	411.1112225	359.3223936	409.3927421	Twf2
ENSMUSG00000032105	9.652395888	3.270887088	1.14E-07	6.69E-07	3.57954558	3.91330099	3.71672422	39.35069636	34.13989488	34.71160407	Pdzd3
ENSMUSG00000079491	0.310903394	-1.685461727	1.14E-07	6.70E-07	146.761369	260.234516	147.430061	56.95495526	62.30530815	53.08833564	H2-T10
ENSMUSG00000041609	2.021366814	1.015331149	1.15E-07	6.77E-07	104.701708	107.615777	117.696267	214.3577407	243.246751	207.2486949	Bicdl1
ENSMUSG00000031780	0.015382076	-6.022605978	1.16E-07	6.81E-07	36.6903422	45.0029614	42.1228745	0	1.706994744	0	Ccl17
ENSMUSG00000050821	2.014630449	1.010515224	1.20E-07	7.04E-07	283.678987	435.354736	341.938628	681.3883738	687.9188818	767.7390077	Fam131a
ENSMUSG00000085218	4.35435405	2.122458717	1.20E-07	7.04E-07	18.7926143	16.6315292	11.1501727	55.91941062	70.84028187	78.61157393	BB218582
ENSMUSG00000067158	2.246969883	1.167980788	1.21E-07	7.06E-07	292.627851	199.578351	193.269659	557.1230169	439.5511466	548.2391584	Col4a4
ENSMUSG00000027398	0.183068234	-2.449546617	1.21E-07	7.07E-07	224.616485	782.660199	377.866962	126.3364462	68.27978976	59.21391283	Il1b
ENSMUSG00000026548	0.349371258	-1.517167169	1.23E-07	7.21E-07	304.261374	577.211897	463.351619	119.0876337	171.5529718	178.662668	Slamf9
ENSMUSG00000056258	6.062340079	2.599874785	1.24E-07	7.25E-07	25.0568191	11.739903	6.19454036	97.34119626	72.54727662	96.98830549	Kcnq3
ENSMUSG00000068606	0.110761411	-3.17447276	1.25E-07	7.31E-07	83.2244348	409.918279	218.047821	13.46208033	20.48393693	44.92089939	Gm4841
ENSMUSG00000026893	0.275253177	-1.861168881	1.28E-07	7.47E-07	74.2755708	65.5477917	65.6621278	19.67534818	20.48393693	16.3348725	Gca
ENSMUSG00000019796	0.279243893	-1.840402366	1.28E-07	7.49E-07	96.6477307	90.0059229	109.02391	24.85307138	37.55388437	19.3976611	Lrp11
ENSMUSG00000050761	3.689334525	1.883360609	1.29E-07	7.51E-07	85.0142076	109.572428	200.703108	462.8884545	347.3734304	642.1646753	Gp1bb
ENSMUSG00000041695	0.297385366	-1.749594439	1.29E-07	7.52E-07	139.602278	256.321215	144.952244	60.06158918	46.08885809	55.1301947	Kcnj2
ENSMUSG00000000317	0.419833852	-1.252109597	1.36E-07	7.95E-07	444.758539	518.512382	765.645189	222.6420978	234.7117773	267.4835373	Bcl6b
ENSMUSG00000030399	0.013300146	-6.232414114	1.38E-07	8.03E-07	4213.12515	71947.0171	7953.78983	520.8789544	209.9603535	387.953222	Ckm
ENSMUSG00000022686	2.799741982	1.485293878	1.39E-07	8.10E-07	98.4375035	77.2876946	73.0955763	275.4548745	258.6097037	164.3696546	B3gnt5
ENSMUSG00000039457	0.366734536	-1.447191961	1.40E-07	8.18E-07	1356.64778	846.25134	790.42335	482.5638027	314.0870329	302.1951413	Ppl
ENSMUSG00000046223	0.404122166	-1.307136611	1.42E-07	8.23E-07	326.633534	528.295634	542.641736	192.6113032	210.8138509	160.2859364	Plaur
ENSMUSG00000037358	0.229914714	-2.1208293	1.42E-07	8.25E-07	261.306827	165.336967	95.3959216	44.52841956	40.11437648	35.7325336	4930578C19Rik
ENSMUSG00000026315	0.443428067	-1.173228006	1.47E-07	8.53E-07	434.019902	396.221726	359.283341	225.7487317	140.8270664	162.3277955	Serpinb8
ENSMUSG00000029778	0.274544387	-1.864888677	1.48E-07	8.60E-07	287.258533	173.163569	183.358395	78.70139272	36.70038699	62.27670142	Adcyap1r1
ENSMUSG00000027670	0.00756354	-7.046722681	1.58E-07	9.13E-07	23.2670463	22.5014807	24.7781615	0	0	0	Ocstamp
ENSMUSG00000005540	18.61737224	4.218577552	1.63E-07	9.41E-07	3.57954558	2.93497575	1.23890807	40.386241	84.49623982	23.48137923	Fcer2a
ENSMUSG00000021768	0.034435563	-4.859956908	1.63E-07	9.45E-07	20.5823871	270.996094	42.1228745	4.142178564	4.26748686	3.062788595	Dusp13
ENSMUSG00000016758	2.193490011	1.133228136	1.66E-07	9.62E-07	99.3323899	123.268981	109.02391	205.0378389	243.246751	278.7137621	Bik
ENSMUSG00000005470	0.228353358	-2.130660088	1.69E-07	9.77E-07	51.0085245	86.0926219	74.3344844	14.49762497	15.3629527	18.37673157	Asf1b
ENSMUSG00000059049	0.095005145	-3.395850549	1.71E-07	9.86E-07	83.2244348	38.1546847	38.4061503	6.213267846	6.827978976	2.041859063	Frem1
ENSMUSG00000082292	0.174038889	-2.52251838	1.71E-07	9.86E-07	86.8039804	276.866045	192.030751	18.63980354	40.96787385	36.75346313	Gm12250
ENSMUSG00000111673	3.851477391	1.945411957	1.71E-07	9.90E-07	15.2130687	16.6315292	19.8225292	73.52366951	58.89131867	65.33949002	Gm29724
ENSMUSG00000029373	2.62165347	1.390477003	1.73E-07	1.00E-06	523.508541	639.824713	911.836341	1735.572818	1345.111858	2355.284429	Pf4
ENSMUSG00000029602	0.199744179	-2.323774631	1.75E-07	1.01E-06	52.7982973	44.0246362	52.0341391	8.284357128	11.09546584	10.20929532	Rasal1
ENSMUSG00000071392	3.317027583	1.729891009	1.76E-07	1.01E-06	26.8465919	23.479806	21.0614372	88.02129449	70.84028187	79.63250346	Ect2l
ENSMUSG00000031312	0.079788538	-3.64767468	1.78E-07	1.02E-06	66.2215933	517.534057	185.836211	37.27960708	11.09546584	13.27208391	Itgb1bp2
ENSMUSG00000049511	2.073905613	1.052350236	1.83E-07	1.05E-06	673.849456	523.404008	541.402828	1191.911882	1466.308485	948.4435348	Htr1b
ENSMUSG00000024730	0.122316539	-3.031308609	1.86E-07	1.07E-06	30.4261374	60.6561654	52.0341391	5.177723205	4.26748686	8.167436252	Ms4a8a
ENSMUSG00000061816	0.014549023	-6.102933915	1.87E-07	1.08E-06	2088.66485	32453.0051	3238.5057	224.7131871	112.6616531	212.3533426	Myl1
ENSMUSG00000031965	8.287411018	3.050921475	1.91E-07	1.09E-06	12.5284095	2.93497575	4.95563229	55.91941062	70.84028187	45.94182892	Tbx20
ENSMUSG00000053117	0.072799499	-3.779927661	1.95E-07	1.12E-06	38.480115	33.2630585	47.0785068	5.177723205	3.413989488	0	E330013P04Rik
ENSMUSG00000025701	0.323382839	-1.628684972	1.96E-07	1.12E-06	101.122163	89.0275976	100.351554	40.386241	27.3119159	26.54416782	Alox5
ENSMUSG00000075270	0.134713221	-2.892036644	1.96E-07	1.12E-06	37.5852286	71.4177432	65.6621278	7.248812487	4.26748686	12.25115438	Pde11a
ENSMUSG00000031495	0.168231352	-2.571481501	1.98E-07	1.13E-06	47.428979	53.8078887	75.5733924	12.42653569	11.94896321	5.104647658	Cd209d
ENSMUSG00000051379	0.303886787	-1.718394146	1.98E-07	1.14E-06	86.8039804	95.8758744	74.3344844	32.10188387	23.89792642	22.46044969	Flrt3
ENSMUSG00000072115	0.470840281	-1.086690343	2.00E-07	1.14E-06	221.931826	190.773423	241.587074	104.5900087	91.3242188	112.3022485	Ang
ENSMUSG00000089661	26.59757389	4.73322275	2.04E-07	1.17E-06	0	1.9566505	2.47781615	41.42178564	44.38186334	24.50230876	Mia
ENSMUSG00000026131	2.22328147	1.152690607	2.10E-07	1.20E-06	13697.1312	9570.95591	7185.66682	23574.17375	22400.03853	21739.67344	Dst
ENSMUSG00000027238	0.31244529	-1.678324504	2.14E-07	1.22E-06	217.457394	162.401991	116.457359	57.9904999	41.82137123	56.15112423	Frmd5

ENSMUSG00000032062	2.063757874	1.045273719	2.23E-07	1.27E-06	144.07671	109.572428	110.262818	241.2819014	268.8516722	242.9812285	2310030G06Rik
ENSMUSG00000009350	0.006115146	-7.35339723	2.25E-07	1.28E-06	38.480115	37.1763594	11.1501727	0	0	0	Mpo
ENSMUSG00000059900	5.249030546	2.392050993	2.28E-07	1.29E-06	14.3181823	7.82660199	17.344713	61.09713382	54.62383181	89.84179877	Tmem40
ENSMUSG00000016283	0.037496182	-4.737112473	2.32E-07	1.31E-06	21.4772735	123.268981	38.4061503	2.071089282	0.853497372	4.083718126	H2-M2
ENSMUSG00000049690	0.161617582	-2.629343936	2.33E-07	1.32E-06	63.5369341	47.9379372	63.1843117	6.213267846	15.3629527	6.125577189	Nckap5
ENSMUSG00000025352	0.404656616	-1.305229911	2.35E-07	1.33E-06	195.980121	278.822696	317.160467	108.7321873	117.7826373	92.90458737	Gdf11
ENSMUSG00000076612	0.023667336	-5.400958885	2.35E-07	1.33E-06	187.031257	1146.59719	153.624601	16.56871426	14.50945532	4.083718126	Ighg2c
ENSMUSG00000105198	24.90732535	4.638498202	2.35E-07	1.33E-06	1.78977279	0.97832525	1.23890807	28.99524995	27.3119159	44.92089939	Gm42502
ENSMUSG00000050052	0.421912302	-1.24498494	2.36E-07	1.33E-06	161.974438	147.727113	201.942016	79.73693736	67.42629239	68.40227861	Tdrp
ENSMUSG00000052125	0.199956225	-2.322243901	2.36E-07	1.33E-06	59.9573885	85.1142966	65.6621278	7.248812487	15.3629527	19.3976611	F730043M19Rik
ENSMUSG00000060969	0.127662565	-2.969592554	2.36E-07	1.34E-06	53.6931837	39.1330099	53.2730471	6.213267846	2.560492116	10.20929532	Irx1
ENSMUSG00000046818	0.228758536	-2.128102518	2.42E-07	1.37E-06	201.349439	571.341945	219.286729	77.66584808	70.84028187	78.61157393	Ddit4l
ENSMUSG00000042807	0.303445099	-1.720492573	2.47E-07	1.39E-06	258.622168	174.141894	146.191153	67.31040167	40.96787385	68.40227861	Hecw2
ENSMUSG00000029366	0.483787579	-1.047554365	2.47E-07	1.40E-06	242.514213	336.543886	325.832823	151.1895176	145.0945532	140.8882754	Dck
ENSMUSG00000029802	0.423583781	-1.239280747	2.49E-07	1.41E-06	1609.00574	1235.62479	846.174214	584.0471775	480.5190204	500.2554704	Abcg2
ENSMUSG00000030382	29.10189404	4.863041146	2.50E-07	1.41E-06	3.57954558	2.93497575	4.95563229	92.16347305	10.24196846	228.6882151	Slc27a5
ENSMUSG00000018500	0.300515821	-1.734487152	2.52E-07	1.42E-06	76.96023	90.0059229	113.979543	22.7819821	32.43290013	28.58602688	Adora2b
ENSMUSG00000099411	5.646247567	2.497292387	2.53E-07	1.43E-06	28.6363647	122.290656	40.8839664	269.2416067	425.0416912	389.995081	2310015D24Rik
ENSMUSG00000023078	0.168179278	-2.571928138	2.55E-07	1.44E-06	50.1136381	55.7645392	52.0341391	9.319901769	12.80246058	4.083718126	Cxcl13
ENSMUSG00000109160	170.2079268	7.411154417	2.63E-07	1.48E-06	0	0	0	23.81752674	13.65595795	59.21391283	4930598N05Rik
ENSMUSG00000023176	34.44474037	5.106211798	2.68E-07	1.51E-06	1.78977279	5.86995149	4.95563229	117.0165444	8.53497372	305.2579299	Cpn2
ENSMUSG00000068452	0.224736431	-2.153694082	2.68E-07	1.51E-06	130.653414	108.594103	91.6791974	40.386241	16.21645007	18.37673157	Duox2
ENSMUSG00000066894	0.494589825	-1.015695536	2.68E-07	1.51E-06	595.099453	502.859178	395.211675	246.4596246	231.2977878	262.3788896	Vsig10
ENSMUSG00000080021	8.006832748	3.001231671	2.70E-07	1.52E-06	5.36931837	3.91330099	8.67235651	33.13742851	44.38186334	63.29763095	Gm5915
ENSMUSG00000051627	8.66924625	3.115906563	2.72E-07	1.53E-06	4.47443198	18.5881797	3.71672422	62.13267846	99.00569515	73.50692627	Hist1h1e
ENSMUSG00000043943	0.404976565	-1.30408967	2.73E-07	1.53E-06	998.693217	635.911412	555.030817	293.0591334	256.0492116	338.9486045	Naalad2
ENSMUSG00000030187	0.189879601	-2.39684317	2.73E-07	1.54E-06	60.8522749	180.990171	106.546094	19.67534818	23.89792642	22.46044969	Klra2
ENSMUSG00000024791	0.133900165	-2.900770362	2.74E-07	1.54E-06	31.3210238	71.4177432	54.5119552	7.248812487	8.53497372	5.104647658	Cdca5
ENSMUSG00000102418	0.17419208	-2.521249065	2.74E-07	1.54E-06	36.6903422	74.3527189	65.6621278	9.319901769	11.09546584	10.20929532	Sh2d1b1
ENSMUSG00000035390	2.135881177	1.094831389	2.78E-07	1.56E-06	190.610802	149.683763	123.890807	302.3790352	355.0549067	337.9276749	Brsk1
ENSMUSG00000023034	2.367643994	1.24345217	2.79E-07	1.56E-06	2377.71315	2082.85445	2725.59776	6411.056873	3662.357223	6940.278955	Nr4a1
ENSMUSG00000079620	67.64351987	6.079879828	2.81E-07	1.58E-06	0.8948864	0.97832525	0	24.85307138	68.27978976	42.87904032	Muc4
ENSMUSG00000028789	0.447825534	-1.158991305	2.85E-07	1.60E-06	288.153419	303.280827	419.989837	133.5852587	145.9480506	172.5370908	Azin2
ENSMUSG00000041957	0.254913029	-1.97192298	2.86E-07	1.60E-06	102.017049	81.2009956	118.935175	20.71089282	18.77694218	37.77439267	Pkp2
ENSMUSG00000019906	0.161539438	-2.630041673	2.88E-07	1.61E-06	84.1193212	60.6561654	69.3788521	17.6042589	4.26748686	13.27208391	Lin7a
ENSMUSG00000042489	0.215088763	-2.216995938	2.92E-07	1.63E-06	86.8039804	110.550753	50.795231	17.6042589	20.48393693	15.31394297	Clspn
ENSMUSG00000021556	0.381416752	-1.390559885	2.96E-07	1.66E-06	977.215944	752.332116	478.218516	309.6278477	295.3100907	237.8765808	Golm1
ENSMUSG00000001588	0.298764531	-1.742919211	3.00E-07	1.68E-06	98.4375035	180.990171	120.174083	36.24406244	46.08885809	36.75346313	Acap1
ENSMUSG00000091089	0.03750232	-4.736876332	3.01E-07	1.68E-06	48.3238654	116.420705	13.6279888	2.071089282	2.560492116	2.041859063	NA
ENSMUSG00000032523	0.064557772	-3.953265405	3.02E-07	1.69E-06	42.0596606	435.354736	92.9181054	18.63980354	11.09546584	7.146506721	Hhatl
ENSMUSG00000039328	0.435074554	-1.200665455	3.05E-07	1.70E-06	202.244325	201.535001	246.542706	74.55921415	96.44520303	111.2813189	Rnf122
ENSMUSG00000078650	57.43795609	5.843932507	3.05E-07	1.70E-06	1.78977279	1.9566505	1.23890807	68.34594631	5.974481604	215.4161312	G6pc
ENSMUSG00000041062	5.909017275	2.562918217	3.07E-07	1.72E-06	8.05397756	5.86995149	8.67235651	38.31515172	50.35634495	43.89996986	Mslnl
ENSMUSG00000084866	3.918467144	1.9702894	3.11E-07	1.73E-06	17.0028415	23.479806	13.6279888	63.1682231	82.78924508	67.38134908	A930006K02Rik
ENSMUSG00000006542	0.033861683	-4.884202519	3.13E-07	1.74E-06	82.3295484	928.430661	242.825982	15.53316962	13.65595795	13.27208391	Prkag3
ENSMUSG00000028116	6.590628992	2.720416159	3.14E-07	1.75E-06	8.94886395	57.7211897	42.1228745	307.5567584	213.374343	192.9556815	Myoz2
ENSMUSG00000024803	0.381911294	-1.388690512	3.17E-07	1.77E-06	323.948875	529.27396	661.576911	200.8956604	192.0369087	184.7882452	Ankrd1
ENSMUSG00000066363	0.076216816	-3.713746851	3.28E-07	1.82E-06	23.2670463	70.4394179	43.3617825	3.106633923	5.120984232	2.041859063	Serpina3f
ENSMUSG00000042474	12.44148526	3.637086819	3.28E-07	1.83E-06	3.57954558	2.93497575	3.71672422	35.20851779	65.71929764	25.52323829	Fcmr
ENSMUSG00000031562	0.139613966	-2.84048483	3.31E-07	1.84E-06	41.1647742	37.1763594	38.4061503	3.106633923	5.974481604	7.146506721	Dctd
ENSMUSG00000103357	16.45202875	4.040193593	3.34E-07	1.86E-06	3.57954558	2.93497575	0	25.88861603	51.20984232	36.75346313	Gm7804
ENSMUSG00000035189	5.33152661	2.414548688	3.37E-07	1.87E-06	12.5284095	14.6748787	14.8668969	50.74168741	110.9546584	61.25577189	Ano4
ENSMUSG00000017300	0.013707962	-6.188842062	3.40E-07	1.89E-06	548.56536	11898.3917	1443.3279	96.30565161	29.87240802	64.31856049	Tnnc2
ENSMUSG00000018604	0.42427813	-1.236917781	3.42E-07	1.90E-06	272.940351	276.866045	423.706561	151.1895176	125.4641137	135.7836277	Tbx3
ENSMUSG00000029673	2.032917484	1.023551657	3.44E-07	1.90E-06	604.048317	643.738014	932.897779	1284.075355	1581.53063	1561.001254	Auts2
ENSMUSG00000021280	0.411265246	-1.281858932	3.44E-07	1.90E-06	171.818188	190.773423	154.863509	83.87911592	55.47732918	74.5278558	Exoc3l4
ENSMUSG00000005057	0.278798379	-1.842705922	3.47E-07	1.92E-06	297.99717	185.881797	170.969314	82.84357128	38.40738174	62.27670142	Sh2b2
ENSMUSG00000017002	0.196023457	-2.350901792	3.55E-07	1.97E-06	149.446028	560.580367	221.764545	56.95495526	67.42629239	58.1929833	Slpi
ENSMUSG00000046101	6.612810387	2.725263535	3.60E-07	1.99E-06	5.36931837	5.86995149	7.43344844	37.27960708	47.79585283	36.75346313	Mcmdc2
ENSMUSG00000054988	2.072874344	1.051632664	3.61E-07	1.99E-06	144.07671	129.138933	112.740635	279.5970531	227.8837983	296.0695641	Agtr1b
ENSMUSG00000006519	0.416219167	-1.26458469	3.69E-07	2.04E-06	1217.0455	2339.17567	2341.53626	806.6892754	814.2364929	833.0784977	Cyba
ENSMUSG00000071317	3.492332017	1.804190723	3.70E-07	2.04E-06	83.2244348	238.711361	120.174083	474.2794456	572.6967366	497.1926819	Bves
ENSMUSG00000038354	2.314785848	1.210878729	3.70E-07	2.05E-06	185.241484	119.35568	148.668969	286.8458656	360.175891	403.267165	Ankrd35
ENSMUSG00000032186	0.423438751	-1.239774793	3.71E-07	2.05E-06	1449.71596	868.752821	843.696397	498.0969723	455.7675966	385.9113629	Tmod2
ENSMUSG00000096967	2.869895844	1.520998379	3.71E-07	2.05E-06	47.428979	33.2630585	39.6450583	128.4075355	94.73820829	123.5324733	Gm26621
ENSMUSG00000098912	2.321487791	1.215049694	3.75E-07	2.07E-06	157.500006	115.442379	92.9181054	260.9572495	293.603096	299.1323527	1500004A13Rik
ENSMUSG00000040838	19.20757499	4.263603481	3.80E-07	2.10E-06	4.47443198	0.97832525	0	42.45733028	27.3119159	43.89996986	Gm11639
ENSMUSG00000031286	3.246971627	1.699094778	3.92E-07	2.16E-06	25.9517055	53.8078887	40.8839664	118.0520891	148.5085427	123.5324733	Glt28d2
ENSMUSG00000037035	0.451894027	-1.145943605	3.98E-07	2.19E-06	235.355122	221.101506	275.037592	130.4786248	111.8081557	87.79993971	Inhbb
ENSMUSG00000026525	0.291205067	-1.779892637	4.01E-07	2.21E-06	100.227276	68.4827674	91.6791974	28.99524995	27.3119159	19.3976611	Opn3
ENSMUSG00000035112	3.096590077	1.630680413	4.03E-07	2.22E-06	36.6903422	52.8295634	48.3174148	129.4430801	110.9546584	185.8091747	Wnk4
ENSMUSG00000022262	101.2800608	6.662206365	4.04E-07	2.22E-06	0	0	1.23890807	32.10188387	52.91683706	26.54416782	Dnah5
ENSMUSG00000029685	0.005293451	-7.561575644	4.11E-07	2.26E-06	15.2130687	153.597064	27.2559776	1.035544641	0	0	Asb15
ENSMUSG00000027463	0.410795166	-1.28350889	4.14E-07	2.28E-06	153.92046	229.906433	221.764545	93.19901769	76.81476348	78.61157393	Slc52a3
ENSMUSG00000035929	0.358087705	-1.481615111	4.21E-07	2.32E-06	2063.60803	5071.63809	2904.00052	1215.729409	1110.400081	1269.015408	H2-Q4
ENSMUSG00000036067	0.255108724	-1.970815856	4.31E-07	2.36E-06	67.1164797	143.813812	110.262818	30.03079459	27.3119159	24.50230876	Slc2a6
ENSMUSG00000036334	0.192567023	-2.376567434	4.31E-07	2.36E-06	1323.53698	459.812867	358.044433	176.042589	87.91022931	149.0557116	Igsf10
ENSMUSG00000015652	0.040185932	-4.637165637	4.31E-07	2.36E-06	20.5823871	35.219709	40.8839664	1.035544641	0.853497372	2.041859063	Steap1
ENSMUSG00000029368	466.3670222	8.865321966	4.32E-07	2.37E-06	23.2670463	27.393107	34.689426	11056.51013	14.50945532	28718.74772	Alb
ENSMUSG00000107134	0.483654772	-1.047950462	4.34E-07	2.38E-06	270.255691	329.695609	242.825982	153.2606069	130.5850979	124.5534028	Gm42528
ENSMUSG00000023087	0.430519658	-1.215848982	4.35E-07	2.38E-06	369.588081	360.023692	586.003518	205.0378389	181.7949402	178.662668	Noct
ENSMUSG00000004837	0.417641261	-1.259663845	4.50E-07	2.46E-06	257.727282	373.720245	449.72363	134.6208033	159.6040086	156.2022183	Grap
ENSMUSG00000051225	0.09667183	-3.370760633	4.59E-07	2.51E-06	100.227276	41.0896604	63.1843117	13.46208033	2.560492116	4.083718126	Fam83a
ENSMUSG00000037624	0.221269993	-2.176120276	4.62E-07	2.52E-06	46.5340926	57.7211897	64.4232198	9.319901769	15.3629527	12.25115438	Kcnk2
ENSMUSG00000106807	0.105747917	-3.241298846	4.64E-07	2.53E-06	42.0596606	108.594103	209.375464	20.71089282	10.24196846	7.146506721	Gm10441
ENSMUSG00000109136	5.797095688	2.535330299	4.68E-07	2.55E-06	19.6875007	5.86995149	8.67235651	71.45258023	58.89131867	71.46506721	Gm45114
ENSMUSG00000020490	59.45685835	5.893771329	4.69E-07	2.55E-06	0	0.97832525	1.23890807	31.06633923	61.45181078	29.60695641	Btnl10
ENSMUSG00000038884	0.493034277	-1.020240146	4.73E-07	2.58E-06	740.071049	623.193183	529.013747	327.2321066	253.4887195	354.2625474	A230050P20Rik
ENSMUSG00000063229	0.332442772	-1.588822082	4.80E-07	2.61E-06	6660.63944	18129.3452	9155.53066	3948.531716	3626.510333	3710.057918	Ldha
ENSMUSG00000072082	0.33367081	-1.583502611	4.90E-07	2.66E-06	81.434662	95.8758744	115.218451	27.95970531	31.57940276	37.77439267	Ccnf
ENSMUSG00000004296	0.008465297	-6.884223571	4.90E-07	2.67E-06	18.7926143	19.566505	24.7781615	0	0	0	Il12b
ENSMUSG00000021388	0.430711994	-1.215204598	4.95E-07	2.69E-06	7448.13947	3819.38177	5952.95329	2817.716968	2124.354959	2475.754114	Aspn
ENSMUSG00000047986	0.127297792	-2.973720694	4.97E-07	2.70E-06	37.5852286	41.0896604	73.0955763	9.319901769	6.827978976	3.062788595	Palm3

ENSMUSG00000030359	249.1143908	7.960664555	5.02E-07	2.72E-06	3.57954558	5.86995149	7.43344844	1221.942676	9.388471092	2959.674712	Pzp
ENSMUSG00000040329	0.28782528	-1.796734782	5.12E-07	2.78E-06	144.07671	164.358642	99.1126458	49.70614277	25.60492116	42.87904032	Il7
ENSMUSG00000055368	0.342654235	-1.545174577	5.13E-07	2.79E-06	99.3323899	95.8758744	75.5733924	27.95970531	33.28639751	31.64881548	Slc6a2
ENSMUSG00000027985	5.571097077	2.477961455	5.24E-07	2.84E-06	8.05397756	11.739903	11.1501727	43.49287492	79.37525559	47.98368798	Lef1
ENSMUSG00000044162	0.092160925	-3.439700993	5.24E-07	2.84E-06	32.2159102	82.1793209	66.9010359	3.106633923	2.560492116	11.23022485	Tnip3
ENSMUSG00000032783	0.172371978	-2.53640284	5.29E-07	2.86E-06	38.480115	42.0679857	42.1228745	8.284357128	7.681476348	5.104647658	Troap
ENSMUSG00000039774	0.245387767	-2.026864767	5.30E-07	2.87E-06	53.6931837	63.5911412	50.795231	11.39099105	14.50945532	15.31394297	Galnt12
ENSMUSG00000032066	0.159176034	-2.651304956	5.31E-07	2.87E-06	34.005683	59.6778402	59.4675875	11.39099105	5.974481604	7.146506721	Bco2
ENSMUSG00000046908	0.181599029	-2.461171604	5.39E-07	2.91E-06	49.2187517	58.6995149	34.689426	8.284357128	8.53497372	9.188365784	Ltb4r1
ENSMUSG00000041528	2.553626993	1.352547807	5.48E-07	2.96E-06	719.488662	874.622772	389.017135	1571.956765	1696.752775	1800.919694	Rnf123
ENSMUSG00000033006	0.318278921	-1.65163648	5.52E-07	2.98E-06	170.028415	137.94386	94.1570135	46.59950885	46.94235546	34.71160407	Sox10
ENSMUSG00000057457	2.510705948	1.328093071	5.57E-07	3.01E-06	89.4886395	79.2443451	52.0341391	195.7179372	197.1578929	165.3905841	Phex
ENSMUSG00000022385	0.266918798	-1.905527183	5.84E-07	3.15E-06	58.1676157	81.2009956	58.2286794	16.56871426	18.77694218	17.35580204	Gtse1
ENSMUSG00000029875	0.043336475	-4.52827438	5.86E-07	3.16E-06	28.6363647	34.2413837	27.2559776	2.071089282	0	2.041859063	Ccdc184
ENSMUSG00000050818	113.1169212	6.821670948	5.86E-07	3.16E-06	0	0	0	24.85307138	17.92344481	21.43952016	Olfr330
ENSMUSG00000078153	0.25648656	-1.963044868	5.92E-07	3.19E-06	144.07671	281.757672	416.273112	63.1682231	88.76372668	63.29763095	Psme2b
ENSMUSG00000090877	2.323534677	1.216321176	5.98E-07	3.22E-06	729.332412	573.298596	853.607662	1792.527774	1164.170415	2052.068358	Hspa1b
ENSMUSG00000045733	0.387444776	-1.367937405	6.10E-07	3.28E-06	353.480126	236.75471	216.808913	121.158723	84.49623982	108.2185303	Sprn
ENSMUSG00000063388	0.069142868	-3.854275734	6.10E-07	3.28E-06	78.7500028	337.522211	38.4061503	8.284357128	5.974481604	17.35580204	BC023105
ENSMUSG00000000290	0.373942901	-1.419110098	6.16E-07	3.31E-06	980.795489	1707.17756	863.518927	446.3197403	350.7874199	531.9042859	Itgb2
ENSMUSG00000024205	6.464982756	2.692646522	6.17E-07	3.31E-06	6.26420477	4.89162624	9.91126458	47.63505349	52.06333969	33.69067454	Rpl36-ps2
ENSMUSG00000035504	8.679379409	3.117591891	6.25E-07	3.36E-06	38.480115	29.3497575	23.5392534	190.5402139	68.27978976	537.0089336	Reep6
ENSMUSG00000051401	20.18545294	4.335244055	6.25E-07	3.36E-06	3.57954558	0.97832525	0	25.88861603	39.26087911	34.71160407	Kctd16
ENSMUSG00000040522	0.206982596	-2.272418629	6.26E-07	3.36E-06	156.605119	114.464054	61.9454036	32.10188387	17.92344481	19.3976611	Tlr8
ENSMUSG00000034686	0.32066975	-1.640839832	6.30E-07	3.38E-06	97.5426171	126.203957	177.163854	48.67059813	42.6748686	36.75346313	Prr7
ENSMUSG00000097131	3.066613111	1.616646165	6.41E-07	3.43E-06	61.7471613	48.9162624	30.9727018	118.0520891	163.8714954	156.2022183	D230017M19Rik
ENSMUSG00000003032	0.430380198	-1.216316395	6.47E-07	3.47E-06	2432.30122	3048.46147	4828.02476	1467.366756	1371.570277	1596.733787	Klf4
ENSMUSG00000054342	0.387324258	-1.368386237	6.50E-07	3.48E-06	288.153419	564.493668	494.324321	169.8293211	192.8904061	158.2440774	Kcnn4
ENSMUSG00000028132	5.107464398	2.352607243	6.57E-07	3.52E-06	46.5340926	156.53204	40.8839664	426.6443921	325.1824987	497.1926819	Tmem56
ENSMUSG00000067276	0.151700648	-2.720700847	6.62E-07	3.54E-06	850.142076	177.07687	242.825982	55.91941062	89.61722406	46.96275845	Capn6
ENSMUSG00000045362	0.349652673	-1.516005561	6.82E-07	3.64E-06	108.281254	167.293618	125.129715	40.386241	56.33082655	42.87904032	Tnfrsf26
ENSMUSG00000035042	0.268062732	-1.899357433	6.97E-07	3.72E-06	101.122163	251.429589	161.058049	51.77723205	40.11437648	45.94182892	Ccl5
ENSMUSG00000024401	0.08751206	-3.514374341	7.04E-07	3.76E-06	34.9005694	123.268981	44.6006906	9.319901769	2.560492116	6.125577189	Tnf
ENSMUSG00000020077	2.032029352	1.022921242	7.25E-07	3.86E-06	1237.62788	1917.51749	1340.49853	3173.944325	2524.645226	3438.490662	Srgn
ENSMUSG00000021256	0.242826474	-2.042002375	7.26E-07	3.87E-06	215.667621	105.659127	116.457359	39.35069636	44.38186334	22.46044969	Vash1
ENSMUSG00000026153	2.035471175	1.025362791	7.29E-07	3.88E-06	953.948897	709.285805	553.791908	1421.802792	1603.721562	1492.598975	Fam135a
ENSMUSG00000071177	248.6349815	7.957885479	7.29E-07	3.88E-06	0.8948864	7.82660199	2.47781615	751.8054094	17.06994744	2018.377684	Serpina1d
ENSMUSG00000072845	0.029162082	-5.099762473	7.32E-07	3.90E-06	36.6903422	41.0896604	19.8225292	1.035544641	1.706994744	0	Tmprss11a
ENSMUSG00000021373	2.349871922	1.232582126	7.38E-07	3.92E-06	804.502869	1379.4386	704.938693	2434.565451	2224.214151	2132.721791	Cap2
ENSMUSG00000021187	0.173469061	-2.527249717	7.42E-07	3.94E-06	165.553983	98.8108501	59.4675875	12.42653569	28.16541327	15.31394297	Tc2n
ENSMUSG00000059027	0.296259998	-1.755064255	7.46E-07	3.97E-06	102.017049	71.4177432	74.3344844	30.03079459	21.3374343	22.46044969	9630013D21Rik
ENSMUSG00000037313	0.42714109	-1.227215406	7.54E-07	4.00E-06	223.721599	230.884759	354.327709	118.0520891	115.2221452	111.2813189	Tacc3
ENSMUSG00000053399	0.205191925	-2.284954134	7.63E-07	4.05E-06	53.6931837	62.6128159	52.0341391	6.213267846	11.94896321	16.3348725	Adamts18
ENSMUSG00000070111	125.2453223	6.968612912	7.67E-07	4.07E-06	0	0	0	33.13742851	25.60492116	12.25115438	Gm10286
ENSMUSG00000002799	0.473513009	-1.078524033	7.67E-07	4.07E-06	545.880701	525.360659	361.761157	259.9217049	216.7883325	203.1649768	Jag2
ENSMUSG00000050271	0.473987867	-1.077077965	7.71E-07	4.09E-06	263.0966	250.451264	205.65874	104.5900087	133.9990874	102.0929532	Prag1
ENSMUSG00000024968	2.463511605	1.300716268	7.74E-07	4.10E-06	74.2755708	55.7645392	65.6621278	148.0828837	139.973569	194.9975405	Rcor2
ENSMUSG00000028351	0.138573552	-2.85127616	7.83E-07	4.15E-06	40.2698878	28.3714322	42.1228745	4.142178564	5.974481604	5.104647658	Brinp1
ENSMUSG00000016529	0.006520476	-7.260806981	7.88E-07	4.17E-06	8.94886395	27.393107	45.8395987	0	0	0	Il10
ENSMUSG00000025723	0.338379917	-1.563284148	7.97E-07	4.22E-06	101.122163	103.702476	143.713336	48.67059813	31.57940276	37.77439267	Nmb
ENSMUSG00000029348	0.216136028	-2.209988515	8.19E-07	4.33E-06	51.9034109	50.8729129	68.139944	17.6042589	10.24196846	9.188365784	Asphd2
ENSMUSG00000028755	0.253908053	-1.977621942	8.20E-07	4.33E-06	67.1164797	117.39903	84.2457489	22.7819821	16.21645007	29.60695641	Cda
ENSMUSG00000003974	13.20736196	3.723270426	8.38E-07	4.43E-06	2.68465919	0.97832525	3.71672422	28.99524995	39.26087911	26.54416782	Grm3
ENSMUSG00000074796	0.241817268	-2.048010825	8.51E-07	4.49E-06	65.3267069	61.6344907	49.5563229	17.6042589	10.24196846	15.31394297	Slc4a11
ENSMUSG00000025993	0.285966862	-1.806080121	8.51E-07	4.49E-06	272.940351	314.042405	571.136621	124.2653569	68.27978976	138.8464163	Slc40a1
ENSMUSG00000041119	0.454694335	-1.137031064	8.57E-07	4.52E-06	204.034098	283.714322	213.092188	112.8743659	92.17771617	114.3441075	Pde9a
ENSMUSG00000100826	2.065261273	1.046324307	8.69E-07	4.58E-06	119.914777	108.594103	89.2013812	197.7890264	219.3488246	241.960299	Snhg14
ENSMUSG00000009633	0.351219137	-1.509556637	8.72E-07	4.60E-06	1302.95459	656.456242	610.78168	352.0851779	258.6097037	293.0067755	G0s2
ENSMUSG00000097915	0.325009252	-1.621447306	8.73E-07	4.60E-06	68.0113661	90.9842481	99.1126458	28.99524995	29.01891065	25.52323829	A330009N23Rik
ENSMUSG00000026073	0.196975776	-2.343909877	8.77E-07	4.62E-06	42.954547	101.745826	65.6621278	14.49762497	13.65595795	13.27208391	Il1r2
ENSMUSG00000039193	0.214305802	-2.222257185	8.82E-07	4.64E-06	42.0596606	62.6128159	55.7508633	10.35544641	14.50945532	9.188365784	Nlrc4
ENSMUSG00000056328	0.017753906	-5.815719739	8.85E-07	4.66E-06	765.127868	11200.8458	1439.61118	140.8340712	34.99339225	62.27670142	Myh1
ENSMUSG00000041653	0.265893809	-1.911077907	8.85E-07	4.66E-06	1548.15346	614.388256	612.020588	299.2724013	164.7249928	274.630044	Pnpla3
ENSMUSG00000070858	0.239246872	-2.063428034	8.94E-07	4.70E-06	58.1676157	70.4394179	96.6348297	19.67534818	11.94896321	22.46044969	Gm1673
ENSMUSG00000052026	2.378137117	1.249831899	9.02E-07	4.74E-06	288.153419	155.553715	250.259431	542.6253919	476.2515336	631.95538	Slc6a7
ENSMUSG00000075010	0.318361917	-1.651260328	9.02E-07	4.74E-06	281.889215	756.245417	511.669034	168.7937765	173.2599665	151.0975707	AW112010
ENSMUSG00000054580	0.43010105	-1.217252441	9.06E-07	4.75E-06	539.616496	361.980342	309.727018	177.0781336	161.3110033	183.7673157	Pla2r1
ENSMUSG00000047146	2.672463798	1.418170405	9.22E-07	4.84E-06	195.085234	112.507404	105.307186	313.7700262	442.9651361	350.1788293	Tet1
ENSMUSG00000032596	0.493755523	-1.018131208	9.26E-07	4.86E-06	943.210261	1401.94008	898.208353	506.3813295	502.7099521	593.1600578	Uba7
ENSMUSG00000020897	0.290051945	-1.7856168	9.28E-07	4.86E-06	64.4318205	112.507404	91.6791974	27.95970531	27.3119159	22.46044969	Aurkb
ENSMUSG00000109715	0.260021506	-1.943297145	9.38E-07	4.91E-06	54.5880701	68.4827674	83.0068409	16.56871426	22.19093167	14.29301344	Gm45606
ENSMUSG00000081434	5.07175952	2.342486341	9.43E-07	4.94E-06	9.84375035	12.7182282	27.2559776	88.02129449	99.85919252	59.21391283	Gm14165
ENSMUSG00000059406	8.372327801	3.065628798	9.56E-07	5.00E-06	2.68465919	3.91330099	8.67235651	30.03079459	47.79585283	44.92089939	Tmprss9
ENSMUSG00000057933	165.1799951	7.367895163	9.57E-07	5.01E-06	0	0	0	28.99524995	7.681476348	57.17205377	Gsta2
ENSMUSG00000029553	0.164307677	-2.605528206	9.72E-07	5.08E-06	45.6392062	40.1113352	85.484657	7.248812487	8.53497372	12.25115438	Tfec
ENSMUSG00000027716	0.309620718	-1.691426081	9.74E-07	5.09E-06	61.7471613	72.3960684	70.6177601	21.74643746	23.04442904	18.37673157	Trpc3
ENSMUSG00000020524	6.445050068	2.688191566	9.93E-07	5.18E-06	6.26420477	26.4147817	39.6450583	118.0520891	205.6928666	135.7836277	Gria1
ENSMUSG00000103662	0.170830136	-2.549365592	1.01E-06	5.28E-06	106.491481	87.0709471	44.6006906	9.319901769	10.24196846	21.43952016	Gm34294
ENSMUSG00000052942	0.352817312	-1.503006743	1.02E-06	5.29E-06	230.88069	129.138933	164.774774	71.45258023	52.06333969	62.27670142	Glis3
ENSMUSG00000026387	0.172044587	-2.539145596	1.02E-06	5.30E-06	50.1136381	54.7862139	78.0512086	17.6042589	5.974481604	8.167436252	Sctr
ENSMUSG00000024798	0.093458894	-3.419524231	1.02E-06	5.33E-06	45.6392062	39.1330099	53.2730471	9.319901769	0.853497372	3.062788595	Htr7
ENSMUSG00000021569	0.182653091	-2.452821926	1.03E-06	5.34E-06	35.7954558	53.8078887	75.5733924	11.39099105	8.53497372	10.20929532	Trip13
ENSMUSG00000020140	0.126797133	-2.979405975	1.03E-06	5.36E-06	81.434662	26.4147817	52.0341391	7.248812487	5.974481604	7.146506721	Lgr5
ENSMUSG00000036304	11.15200723	3.479231496	1.04E-06	5.39E-06	4.47443198	4.89162624	2.47781615	33.13742851	74.25427136	26.54416782	Zdhhc23
ENSMUSG00000096917	5.131666598	2.359427442	1.04E-06	5.41E-06	29.531251	24.4581312	9.91126458	124.2653569	142.5340611	65.33949002	2500002B13Rik
ENSMUSG00000028370	0.350324823	-1.51323488	1.04E-06	5.43E-06	127.968755	93.9192239	106.546094	48.67059813	34.13989488	32.66974501	Pappa
ENSMUSG00000104763	50.06598722	5.645758923	1.05E-06	5.44E-06	0	1.9566505	0	28.99524995	35.84688962	36.75346313	9830132P13Rik
ENSMUSG00000108298	0.198795312	-2.330644358	1.05E-06	5.47E-06	67.1164797	61.6344907	50.795231	8.284357128	18.77694218	8.167436252	Gm44226
ENSMUSG00000064853	48.02036438	5.585574446	1.07E-06	5.54E-06	0.8948864	0.97832525	0	31.06633923	33.28639751	32.66974501	Gm23442
ENSMUSG00000074170	0.482988259	-1.049939977	1.07E-06	5.57E-06	634.474454	425.571483	516.624666	214.3577407	294.4565933	252.1695943	Plekhf1
ENSMUSG00000050708	0.456627966	-1.130908875	1.09E-06	5.66E-06	20747.9411	33950.8211	40836.8879	14241.84545	13733.62621	15647.78693	Ftl1
ENSMUSG00000038600	0.077000977	-3.698979447	1.16E-06	6.01E-06	108.281254	46.9596119	22.3003453	7.248812487	2.560492116	4.083718126	Atp6v0a4
ENSMUSG00000081344	2.85290131	1.512429841	1.20E-06	6.20E-06	31.3210238	43.0463109	35.9283341	110.8032766	119.4896321	83.71622159	Gm14303

ENSMUSG00000019876	0.164715535	-2.601951464	1.22E-06	6.32E-06	42.0596606	94.8975491	115.218451	9.319901769	20.48393693	11.23022485	Pkib
ENSMUSG00000028289	3.163834928	1.66167433	1.25E-06	6.46E-06	45.6392062	27.393107	40.8839664	113.9099105	151.9225322	93.9255169	Epha7
ENSMUSG00000105366	3.244306502	1.697910123	1.25E-06	6.48E-06	19.6875007	29.3497575	35.9283341	94.23456233	101.5661873	76.56971486	Gm43719
ENSMUSG00000097823	2.866467959	1.519274153	1.26E-06	6.50E-06	38.480115	34.2413837	37.1672422	90.09238377	132.2920927	91.88365784	Gm16701
ENSMUSG00000057719	22.61975323	4.499511285	1.26E-06	6.51E-06	6.26420477	69.4610927	13.6279888	667.9262935	702.4283371	653.3949002	Sh3rf2
ENSMUSG00000000567	0.275225748	-1.861312651	1.26E-06	6.52E-06	137.812505	186.860122	329.549547	61.09713382	44.38186334	74.5278558	Sox9
ENSMUSG00000028369	0.411768489	-1.280094663	1.27E-06	6.53E-06	1946.37791	1310.95583	1271.11968	744.5565969	417.3602149	704.4413768	Svep1
ENSMUSG00000074472	4.985539356	2.31774959	1.27E-06	6.53E-06	9.84375035	12.7182282	8.67235651	59.02604454	60.59831341	36.75346313	Zfp872
ENSMUSG00000028399	2.223731854	1.152928833	1.28E-06	6.62E-06	1029.11935	673.087771	1359.08216	2289.589201	2301.882412	2211.333365	Ptprd
ENSMUSG00000030890	3.367245567	1.751568938	1.29E-06	6.65E-06	433.125015	286.649298	126.368623	941.3100787	967.0125224	947.4226053	Ilk
ENSMUSG00000039114	0.426459898	-1.229518009	1.30E-06	6.67E-06	245.198872	201.535001	174.686038	93.19901769	69.9867845	103.1138827	Nrn1
ENSMUSG00000055489	0.014806684	-6.0776076	1.31E-06	6.71E-06	51.9034109	682.871024	111.501727	7.248812487	4.26748686	1.020929532	Ano5
ENSMUSG00000060441	0.466589557	-1.099774078	1.31E-06	6.74E-06	263.991487	369.806944	374.150238	130.4786248	179.2344481	159.2650069	Trim5
ENSMUSG00000030592	0.01597044	-5.96845215	1.33E-06	6.82E-06	615.68184	10411.3373	1211.6521	118.0520891	26.45841853	51.04647658	Ryr1
ENSMUSG00000042451	0.005210345	-7.5844055	1.33E-06	6.84E-06	105.596595	800.270053	66.9010359	4.142178564	0	1.020929532	Mybph
ENSMUSG00000110235	0.168053667	-2.573006074	1.34E-06	6.89E-06	38.480115	36.1980342	50.795231	4.142178564	8.53497372	8.167436252	Gm5086
ENSMUSG00000089694	0.070418243	-3.827906967	1.35E-06	6.90E-06	32.2159102	27.393107	22.3003453	2.071089282	1.706994744	2.041859063	Nat8f7
ENSMUSG00000096349	16.03552271	4.003199477	1.36E-06	6.98E-06	2.68465919	1.9566505	1.23890807	48.67059813	23.89792642	24.50230876	Gm22513
ENSMUSG00000029999	0.411693782	-1.280356436	1.36E-06	7.00E-06	183.451711	137.94386	146.191153	78.70139272	56.33082655	58.1929833	Tgfa
ENSMUSG00000036820	0.484731757	-1.044741491	1.37E-06	7.04E-06	398.224446	503.837503	558.747541	219.5354639	200.5718824	287.9021279	Amdhd2
ENSMUSG00000027004	2.384803102	1.253870157	1.41E-06	7.24E-06	173.607961	204.469977	102.82937	401.7913207	383.22032	366.5137018	Frzb
ENSMUSG00000026435	0.479705357	-1.059779545	1.42E-06	7.27E-06	519.034109	402.091677	360.522249	198.8245711	242.3932536	173.5580204	Slc45a3
ENSMUSG00000044317	0.492948634	-1.020490771	1.46E-06	7.45E-06	178.082393	207.404953	193.269659	103.5544641	100.7126899	80.65343299	Gpr4
ENSMUSG00000046080	0.356585668	-1.487679376	1.46E-06	7.45E-06	131.5483	164.358642	113.979543	55.91941062	34.99339225	56.15112423	Clec9a
ENSMUSG00000085348	0.026795125	-5.221885646	1.46E-06	7.48E-06	15.2130687	241.646336	43.3617825	4.142178564	0	4.083718126	Myhas
ENSMUSG00000037020	0.380341332	-1.394633368	1.52E-06	7.77E-06	183.451711	128.160608	132.563164	65.23931238	44.38186334	60.23484236	Wdr62
ENSMUSG00000087107	2.740487872	1.45443275	1.53E-06	7.78E-06	156.605119	307.194128	381.583686	674.1395613	798.0200428	839.2040749	AI662270
ENSMUSG00000022240	0.107581259	-3.216501317	1.54E-06	7.85E-06	27.7414783	30.3280827	42.1228745	4.142178564	1.706994744	5.104647658	Ctnnd2
ENSMUSG00000079553	0.366510513	-1.448073515	1.54E-06	7.86E-06	89.4886395	114.464054	100.351554	36.24406244	30.72590539	44.92089939	Kifc1
ENSMUSG00000051984	2.402055719	1.264269617	1.57E-06	7.98E-06	97.5426171	121.312331	64.4232198	219.5354639	222.7628141	241.960299	Sec31b
ENSMUSG00000094335	0.17095828	-2.548283795	1.58E-06	8.05E-06	93.9630715	77.2876946	64.4232198	14.49762497	21.3374343	4.083718126	Igkv1-117
ENSMUSG00000105504	0.366686379	-1.44738142	1.59E-06	8.11E-06	601.363658	1253.23464	600.870415	273.3837852	310.6730434	316.4881548	Gbp5
ENSMUSG00000044220	56.0432322	5.808468258	1.60E-06	8.13E-06	0	1.9566505	0	19.67534818	41.82137123	52.06740611	Nkx2-3
ENSMUSG00000086841	0.442341118	-1.176768742	1.61E-06	8.18E-06	391.960241	611.45328	732.194671	255.7795263	246.6607405	264.4207487	2410006H16Rik
ENSMUSG00000039981	0.23510077	-2.088648831	1.62E-06	8.21E-06	59.0625021	91.9625734	107.785002	20.71089282	27.3119159	12.25115438	Zc3h12d
ENSMUSG00000035246	3.772983814	1.915705911	1.62E-06	8.25E-06	12.5284095	19.566505	16.1058049	61.09713382	52.06333969	68.40227861	Pcyt1b
ENSMUSG00000005233	0.323050354	-1.630169037	1.64E-06	8.30E-06	85.0142076	140.878836	156.102417	47.63505349	35.84688962	39.81625173	Spc25
ENSMUSG00000021057	2.850195462	1.51106086	1.65E-06	8.35E-06	32.2159102	23.479806	34.689426	82.84357128	81.93574771	91.88365784	Akap5
ENSMUSG00000037375	0.31165829	-1.681963005	1.67E-06	8.48E-06	102.911935	90.9842481	144.952244	31.06633923	46.08885809	27.56509735	Hhat
ENSMUSG00000040875	3.200259023	1.678188679	1.68E-06	8.49E-06	55.4829565	41.0896604	22.3003453	128.4075355	122.0501242	134.7626982	Osbpl10
ENSMUSG00000094344	7.563096295	2.918976988	1.68E-06	8.51E-06	4.47443198	2.93497575	12.3890807	41.42178564	60.59831341	41.85811079	Gm11942
ENSMUSG00000062510	0.2277511	-2.134470073	1.69E-06	8.55E-06	48.3238654	92.9408986	71.8566682	21.74643746	13.65595795	13.27208391	Nsl1
ENSMUSG00000027219	0.325062697	-1.621210088	1.69E-06	8.57E-06	198.66478	246.537963	149.907877	71.45258023	81.93574771	39.81625173	Slc28a2
ENSMUSG00000058665	0.017268656	-5.855700386	1.71E-06	8.65E-06	18.7926143	30.3280827	64.4232198	1.035544641	0	1.020929532	En1
ENSMUSG00000048924	0.336330053	-1.572050398	1.74E-06	8.79E-06	110.071027	135.98721	90.4402893	27.95970531	38.40738174	46.96275845	Ccdc125
ENSMUSG00000007033	2.757556633	1.463390515	1.74E-06	8.79E-06	34.9005694	52.8295634	34.689426	117.0165444	97.2987004	124.5534028	Hspa1l
ENSMUSG00000031762	0.25793729	-1.954907738	1.76E-06	8.88E-06	717.698889	1308.99918	2721.88104	367.6183476	516.36591	339.969534	Mt2
ENSMUSG00000051748	0.189965711	-2.396189062	1.80E-06	9.09E-06	133.338073	141.857161	172.208222	32.10188387	8.53497372	44.92089939	Wfdc21
ENSMUSG00000020808	0.269823067	-1.889914404	1.81E-06	9.12E-06	68.0113661	91.9625734	100.351554	14.49762497	31.57940276	23.48137923	Pimreg
ENSMUSG00000040666	3.171565303	1.665195048	1.81E-06	9.12E-06	1007.64208	2888.01613	1162.09577	5322.699455	5593.821776	5126.087178	Sh3bgr
ENSMUSG00000066682	0.280534931	-1.833747677	1.82E-06	9.18E-06	61.7471613	78.2660199	66.9010359	13.46208033	24.75142379	19.3976611	Pilrb2
ENSMUSG00000020654	2.252155989	1.171306755	1.86E-06	9.38E-06	397.32956	227.949783	229.197993	598.5448025	657.1929764	672.7925613	Adcy3
ENSMUSG00000079278	0.017306503	-5.852541948	1.87E-06	9.40E-06	38.480115	668.196145	81.7679328	4.142178564	3.413989488	6.125577189	Tmem233
ENSMUSG00000097383	4.813948435	2.267220688	1.92E-06	9.65E-06	10.7386367	9.78325249	8.67235651	50.74168741	35.84688962	55.1301947	1500026H17Rik
ENSMUSG00000055809	0.305980194	-1.708489826	1.93E-06	9.70E-06	100.227276	93.9192239	64.4232198	33.13742851	23.04442904	23.48137923	Dnaaf3
ENSMUSG00000025504	2.15378443	1.106873859	1.94E-06	9.72E-06	87.6988667	97.8325249	69.3788521	162.5805086	200.5718824	187.8510338	Eps8l2
ENSMUSG00000039853	0.295319727	-1.759650363	1.99E-06	9.97E-06	79.6448892	88.0492724	64.4232198	15.53316962	27.3119159	25.52323829	Trim14
ENSMUSG00000033581	0.426081497	-1.230798693	2.01E-06	1.01E-05	134.232959	179.033521	209.375464	79.73693736	69.9867845	72.48599674	Igf2bp2
ENSMUSG00000034459	0.109200209	-3.19495248	2.03E-06	1.02E-05	655.951728	3120.85754	2947.3623	198.8245711	210.8138509	324.655591	Ifit1
ENSMUSG00000052951	0.084842718	-3.559065353	2.07E-06	1.04E-05	48.3238654	25.4364565	28.4948857	5.177723205	2.560492116	1.020929532	C130021I20Rik
ENSMUSG00000038745	56.34852139	5.816305849	2.07E-06	1.04E-05	0	0.97832525	1.23890807	39.35069636	16.21645007	61.25577189	Nlrp6
ENSMUSG00000031253	0.495956028	-1.011715881	2.11E-06	1.06E-05	617.471613	394.265075	595.914783	274.4193299	248.3677352	274.630044	Srpx2
ENSMUSG00000027654	0.13323994	-2.907901482	2.15E-06	1.08E-05	37.5852286	54.7862139	48.3174148	5.177723205	11.09546584	2.041859063	Fam83d
ENSMUSG00000044231	2.49197327	1.317288594	2.18E-06	1.09E-05	36.6903422	50.8729129	48.3174148	100.4478302	115.2221452	121.4906143	Nhlrc1
ENSMUSG00000074277	0.294317866	-1.764552973	2.18E-06	1.09E-05	70.6960252	70.4394179	50.795231	18.63980354	19.63043956	18.37673157	Phldb3
ENSMUSG00000042029	0.493387961	-1.01920558	2.21E-06	1.10E-05	312.315352	302.302502	277.515408	142.9051605	180.0879455	116.3859666	Ncapg2
ENSMUSG00000085412	0.112667465	-3.149857124	2.23E-06	1.11E-05	34.9005694	24.4581312	44.6006906	6.213267846	2.560492116	3.062788595	Halr1
ENSMUSG00000041607	0.439183466	-1.187104353	2.23E-06	1.11E-05	953.054011	1460.6396	806.529155	516.7367759	383.22032	515.5694134	Mbp
ENSMUSG00000021135	27.88898708	4.801623632	2.26E-06	1.13E-05	1.78977279	3.91330099	3.71672422	84.91466056	5.974481604	169.4743022	Slc10a1
ENSMUSG00000032372	0.37662584	-1.40879611	2.26E-06	1.13E-05	197.769893	174.141894	126.368623	69.38149095	46.94235546	72.48599674	Plscr2
ENSMUSG00000038453	0.355441439	-1.492316206	2.26E-06	1.13E-05	129.758527	169.250268	158.580233	76.63030344	43.52836597	42.87904032	Srcin1
ENSMUSG00000028989	2.971607341	1.571243495	2.30E-06	1.14E-05	97.5426171	55.7645392	56.9897713	258.8861603	151.0690348	218.4789197	Angptl7
ENSMUSG00000015467	0.467802879	-1.096027354	2.30E-06	1.14E-05	172.713074	198.600025	172.208222	86.98574985	69.13328713	99.03016456	Egfl8
ENSMUSG00000008540	0.377096662	-1.406993714	2.32E-06	1.15E-05	3589.38933	2747.1373	3862.91537	1310.999516	733.1542425	1802.961553	Mgst1
ENSMUSG00000104476	0.24713733	-2.01661515	2.37E-06	1.18E-05	256.832395	489.162624	1029.53261	134.6208033	148.5085427	155.1812888	Gm38211
ENSMUSG00000032311	0.314798731	-1.66749837	2.38E-06	1.18E-05	398.224446	187.838448	201.942016	86.98574985	64.86580027	96.98830549	Nrg4
ENSMUSG00000060913	0.034706216	-4.84866213	2.39E-06	1.19E-05	9.84375035	161.423666	44.6006906	2.071089282	4.26748686	1.020929532	Trim55
ENSMUSG00000093514	0.084479131	-3.565261195	2.42E-06	1.20E-05	28.6363647	28.3714322	22.3003453	2.071089282	2.560492116	2.041859063	Gm28727
ENSMUSG00000054072	0.283279254	-1.819703148	2.44E-06	1.21E-05	1154.40345	4278.21631	2303.13011	604.7580704	744.2497084	842.2668635	Iigp1
ENSMUSG00000022012	0.230727827	-2.115736083	2.45E-06	1.21E-05	59.0625021	60.6561654	99.1126458	23.81752674	15.3629527	11.23022485	Enox1
ENSMUSG00000025578	0.471733787	-1.08395516	2.48E-06	1.23E-05	182.556825	181.968496	220.525637	91.12792841	76.81476348	108.2185303	Cbx8
ENSMUSG00000026971	0.037925257	-4.720697232	2.52E-06	1.25E-05	13.4232959	124.247307	44.6006906	5.177723205	0.853497372	1.020929532	Itgb6
ENSMUSG00000035109	0.33994894	-1.556610023	2.53E-06	1.25E-05	83.2244348	87.0709471	76.8123005	36.24406244	25.60492116	22.46044969	Shc4
ENSMUSG00000022225	0.314252745	-1.67000275	2.56E-06	1.27E-05	183.451711	314.042405	232.914718	113.9099105	52.91683706	63.29763095	Cma1
ENSMUSG00000033044	0.027153766	-5.2027039	2.58E-06	1.27E-05	52.7982973	641.781363	104.068278	10.35544641	4.26748686	7.146506721	Dhrs7c
ENSMUSG00000061132	0.177057675	-2.497708711	2.57E-06	1.27E-05	185.241484	304.259152	271.320868	48.67059813	74.25427136	11.23022485	Blnk
ENSMUSG00000106777	0.137744651	-2.859931798	2.57E-06	1.27E-05	26.8465919	31.306408	47.0785068	5.177723205	5.120984232	4.083718126	Gm43150
ENSMUSG00000037347	0.416545419	-1.263454284	2.58E-06	1.27E-05	174.502847	125.225632	142.474428	69.38149095	64.86580027	50.02554704	Chst7
ENSMUSG00000031558	0.339317181	-1.559293614	2.61E-06	1.29E-05	846.56253	407.961629	413.795296	230.9264549	144.2410559	191.9347519	Slit2
ENSMUSG00000090200	0.100288704	-3.317768981	2.63E-06	1.30E-05	21.4772735	76.3093694	151.146785	8.284357128	9.388471092	7.146506721	1700025N21Rik
ENSMUSG00000048216	0.033341935	-4.906518376	2.67E-06	1.32E-05	33.1107966	37.1763594	17.344713	2.071089282	0	1.020929532	Gpr85
ENSMUSG00000020264	0.47394051	-1.077222116	2.68E-06	1.32E-05	863.565372	526.338984	673.965992	382.1159725	276.5331485	320.5718729	Slc36a2
ENSMUSG00000075224	0.176754099	-2.500184421	2.76E-06	1.36E-05	42.0596606	45.0029614	71.8566682	5.177723205	8.53497372	14.29301344	Lrrc55

ENSMUSG00000000753	0.455162617	-1.135546024	2.78E-06	1.37E-05	9049.09123	5949.19584	8403.51346	4038.6241	2437.588494	4176.622713	Serpinf1
ENSMUSG00000006522	2.858144574	1.515078894	2.80E-06	1.38E-05	127.073868	92.9408986	86.7235651	277.5259638	193.7439034	408.3718126	Itih3
ENSMUSG00000084111	6.807459128	2.767116415	2.80E-06	1.38E-05	3.57954558	8.80492724	6.19454036	51.77723205	45.23536071	28.58602688	Gm15710
ENSMUSG00000049404	0.461053197	-1.116994874	2.84E-06	1.39E-05	123.494323	139.900511	158.580233	68.34594631	60.59831341	65.33949002	Rarres1
ENSMUSG00000038663	0.036339543	-4.782315906	2.85E-06	1.40E-05	103.806822	855.056267	115.218451	18.63980354	10.24196846	10.20929532	Fsd2
ENSMUSG00000029605	0.457421565	-1.128403713	2.86E-06	1.41E-05	148.551142	216.20988	187.075119	77.66584808	83.64274245	90.86272831	Oas1b
ENSMUSG00000031972	0.017305707	-5.852608313	2.88E-06	1.41E-05	4614.92914	85027.2257	10085.9506	1000.336123	282.5076301	443.0834167	Acta1
ENSMUSG00000020330	0.290129467	-1.785231263	2.89E-06	1.42E-05	86.8039804	156.53204	135.04098	24.85307138	49.50284757	34.71160407	Hmmr
ENSMUSG00000063130	0.033941756	-4.880795002	2.90E-06	1.42E-05	39.3750014	19.566505	26.0170695	0	0.853497372	2.041859063	Calml3
ENSMUSG00000026095	0.483292681	-1.049030947	2.93E-06	1.44E-05	192.400575	270.017769	283.709949	122.1942676	121.1966268	116.3859666	Asnsd1
ENSMUSG00000064350	2.986215367	1.578318217	2.99E-06	1.46E-05	34.005683	35.219709	32.2116099	125.3009016	72.54727662	106.1766713	mt-Ty
ENSMUSG00000044026	2.708643228	1.43757038	3.01E-06	1.48E-05	49.2187517	51.8512382	30.9727018	117.0165444	104.1266794	139.8673458	Slc35g1
ENSMUSG00000037860	0.375840073	-1.411809195	3.08E-06	1.51E-05	157.500006	257.29954	193.269659	69.38149095	98.15219778	60.23484236	Aim2
ENSMUSG00000074480	0.298638265	-1.743529063	3.08E-06	1.51E-05	141.39205	110.550753	260.170695	51.77723205	54.62383181	45.94182892	Mex3a
ENSMUSG00000042258	27.59618103	4.786396725	3.10E-06	1.52E-05	1.78977279	0	1.23890807	21.74643746	25.60492116	36.75346313	Isl1
ENSMUSG00000031445	4.773763803	2.255127186	3.11E-06	1.52E-05	17.8977279	37.1763594	28.4948857	111.8388212	74.25427136	212.3533426	Proz
ENSMUSG00000083567	2.368916217	1.244227175	3.15E-06	1.54E-05	50.1136381	66.5261169	60.7064956	130.4786248	165.5784902	122.5115438	Gm11451
ENSMUSG00000035095	0.274759728	-1.863757535	3.18E-06	1.55E-05	61.7471613	45.0029614	61.9454036	15.53316962	14.50945532	16.3348725	Fam167a
ENSMUSG00000047415	0.31150513	-1.682672171	3.21E-06	1.56E-05	79.6448892	109.572428	73.0955763	20.71089282	34.13989488	26.54416782	Gpr68
ENSMUSG00000086096	0.196047192	-2.350727116	3.22E-06	1.57E-05	34.9005694	37.1763594	40.8839664	6.213267846	7.681476348	8.167436252	Gm12688
ENSMUSG00000032501	0.425214446	-1.233737483	3.28E-06	1.59E-05	589.730135	861.904544	1221.56336	423.5377582	349.9339225	362.4299837	Trib1
ENSMUSG00000071178	118.3505611	6.886922735	3.37E-06	1.64E-05	12.5284095	6.84827674	7.43344844	867.7864092	12.80246058	2298.112375	Serpina1b
ENSMUSG00000049241	0.337111338	-1.568702946	3.38E-06	1.64E-05	182.556825	127.182282	271.320868	77.66584808	59.74481604	58.1929833	Hcar1
ENSMUSG00000032420	0.481139528	-1.055472765	3.41E-06	1.65E-05	391.065355	365.893643	267.604144	186.3980354	171.5529718	135.7836277	Nt5e
ENSMUSG00000044303	0.100544469	-3.314094381	3.41E-06	1.65E-05	53.6931837	24.4581312	107.785002	5.177723205	3.413989488	10.20929532	Cdkn2a
ENSMUSG00000036526	0.261790263	-1.933516658	3.55E-06	1.72E-05	60.8522749	122.290656	83.0068409	16.56871426	27.3119159	25.52323829	Card11
ENSMUSG00000028068	0.337055384	-1.568942422	3.61E-06	1.75E-05	149.446028	152.618739	107.785002	54.88386597	54.62383181	28.58602688	Iqgap3
ENSMUSG00000026582	0.273948768	-1.868021981	3.64E-06	1.76E-05	109.17614	95.8758744	80.5290247	34.17297315	30.72590539	13.27208391	Sele
ENSMUSG00000021384	0.299313572	-1.740270396	3.64E-06	1.76E-05	70.6960252	140.878836	116.457359	39.35069636	27.3119159	31.64881548	Susd3
ENSMUSG00000103409	3.948494309	1.981302611	3.70E-06	1.79E-05	27.7414783	59.6778402	19.8225292	124.2653569	175.8204586	125.5743324	Lsmem2
ENSMUSG00000021301	0.064490363	-3.954772603	3.72E-06	1.80E-05	20.5823871	24.4581312	29.7337937	1.035544641	1.706994744	2.041859063	Hecw1
ENSMUSG00000029576	0.362416061	-1.464281204	3.75E-06	1.81E-05	235.355122	157.510365	156.102417	56.95495526	52.91683706	89.84179877	Radil
ENSMUSG00000024727	0.266709508	-1.90665884	3.76E-06	1.81E-05	65.3267069	49.8945877	61.9454036	20.71089282	15.3629527	11.23022485	Trpm6
ENSMUSG00000037646	2.551712986	1.351466065	3.80E-06	1.83E-05	1011.22163	627.106484	408.839664	1842.233916	1800.879455	1586.524492	Vps13b
ENSMUSG00000055994	0.404434093	-1.306023478	3.83E-06	1.85E-05	110.071027	114.464054	92.9181054	40.386241	37.55388437	51.04647658	Nod2
ENSMUSG00000026308	2.800688437	1.485781499	3.86E-06	1.86E-05	164.659097	439.268037	241.587074	771.4807576	802.2875297	794.2831755	Klhl30
ENSMUSG00000035045	2.241637327	1.164552884	3.89E-06	1.87E-05	131.5483	76.3093694	92.9181054	223.6776425	233.0047825	219.4998493	Zc3h12b
ENSMUSG00000024210	0.185350076	-2.431675384	3.92E-06	1.89E-05	50.1136381	186.860122	94.1570135	22.7819821	22.19093167	16.3348725	Ip6k3
ENSMUSG00000045382	0.429278939	-1.220012699	3.93E-06	1.89E-05	339.161944	552.753765	499.279953	209.1800175	238.9792642	148.0347821	Cxcr4
ENSMUSG00000010461	0.141263565	-2.823538682	3.99E-06	1.92E-05	82.3295484	113.485729	43.3617825	16.56871426	3.413989488	14.29301344	Eya4
ENSMUSG00000036169	0.239324143	-2.062962154	3.99E-06	1.92E-05	67.1164797	102.724151	45.8395987	17.6042589	18.77694218	15.31394297	Sostdc1
ENSMUSG00000038670	0.023996095	-5.381056542	4.10E-06	1.97E-05	1047.01708	19098.8655	1751.81601	173.9714997	191.1834113	160.2859364	Mybpc2
ENSMUSG00000030154	0.153326976	-2.705316553	4.10E-06	1.97E-05	49.2187517	38.1546847	29.7337937	3.106633923	8.53497372	6.125577189	Klrb1f
ENSMUSG00000015957	0.436152641	-1.197094971	4.11E-06	1.97E-05	159.289778	154.575389	143.713336	74.55921415	49.50284757	76.56971486	Wnt11
ENSMUSG00000076609	0.150173102	-2.735301669	4.19E-06	2.01E-05	2081.50576	5623.41353	3218.68317	545.7320258	827.8924508	266.4626077	Igkc
ENSMUSG00000019564	0.498210712	-1.005172053	4.19E-06	2.01E-05	179.872165	227.949783	249.020523	118.0520891	101.5661873	107.1976008	Arid3a
ENSMUSG00000029298	0.364977311	-1.454121314	4.21E-06	2.02E-05	1021.96026	1453.79132	553.791908	354.1562672	413.9462254	337.9276749	Gbp9
ENSMUSG00000060240	2.119941707	1.084024595	4.23E-06	2.03E-05	73.3806844	56.7428644	75.5733924	137.7274373	150.2155375	147.0138525	Cend1
ENSMUSG00000095217	8.757743463	3.13055919	4.25E-06	2.04E-05	2.68465919	2.93497575	4.95563229	27.95970531	24.75142379	37.77439267	Hist1h2bn
ENSMUSG00000039960	0.406302595	-1.299373515	4.27E-06	2.04E-05	528.87786	652.542941	1095.19474	304.4501245	351.6409173	267.4835373	Rhou
ENSMUSG00000025216	0.039421287	-4.664881318	4.29E-06	2.05E-05	7.15909116	206.426627	55.7508633	5.177723205	3.413989488	2.041859063	Lbx1
ENSMUSG00000049687	0.456143967	-1.13243886	4.31E-06	2.06E-05	178.977279	165.336967	247.781615	97.34119626	85.3497372	86.77901018	Fam109b
ENSMUSG00000022034	3.540482855	1.82394613	4.37E-06	2.09E-05	51.0085245	72.3960684	33.450518	201.931205	243.246751	112.3022485	Esco2
ENSMUSG00000050368	0.189874336	-2.396883172	4.39E-06	2.09E-05	45.6392062	34.2413837	35.9283341	8.284357128	8.53497372	5.104647658	Hoxd10
ENSMUSG00000029053	0.39882066	-1.326187947	4.40E-06	2.10E-05	209.403417	185.881797	117.696267	68.34594631	66.57279501	70.44413768	Prkcz
ENSMUSG00000022015	0.012846467	-6.282484548	4.45E-06	2.12E-05	15.2130687	26.4147817	39.6450583	0	0.853497372	0	Tnfsf11
ENSMUSG00000043673	2.506604192	1.325734204	4.46E-06	2.12E-05	178.082393	92.9408986	113.979543	270.2771513	383.22032	313.4253662	Kcns3
ENSMUSG00000044708	0.175208185	-2.512857921	4.48E-06	2.13E-05	34.005683	38.1546847	50.795231	7.248812487	4.26748686	10.20929532	Kcnj10
ENSMUSG00000024795	0.417735066	-1.259339843	4.49E-06	2.14E-05	133.338073	138.922185	99.1126458	45.5639642	53.77033443	56.15112423	Kif20b
ENSMUSG00000033268	0.121670849	-3.038944537	4.60E-06	2.19E-05	32.2159102	29.3497575	68.139944	7.248812487	2.560492116	6.125577189	Duox1
ENSMUSG00000036377	2.896882782	1.534501309	4.64E-06	2.21E-05	83.2244348	49.8945877	47.0785068	183.2914015	128.8781032	213.3742721	C530008M17Rik
ENSMUSG00000021815	0.127144319	-2.975461091	4.66E-06	2.21E-05	65.3267069	523.404008	158.580233	20.71089282	32.43290013	41.85811079	Mss51
ENSMUSG00000058258	2.224314033	1.153360485	4.67E-06	2.22E-05	88.5937531	69.4610927	60.7064956	167.7582318	179.2344481	141.9092049	Idi1
ENSMUSG00000045322	0.271535898	-1.880785156	4.68E-06	2.22E-05	81.434662	135.008884	66.9010359	19.67534818	31.57940276	25.52323829	Tlr9
ENSMUSG00000020435	0.387754217	-1.366785625	4.72E-06	2.24E-05	90.3835259	80.2226704	96.6348297	40.386241	30.72590539	32.66974501	Osbp2
ENSMUSG00000029804	2.021352978	1.015321274	4.95E-06	2.34E-05	317.68467	381.546847	215.570005	655.4997578	589.766684	608.4740008	Herc3
ENSMUSG00000042751	0.421939241	-1.244892827	5.04E-06	2.38E-05	214.772735	180.990171	297.337937	107.6966427	78.52175822	106.1766713	Nmnat2
ENSMUSG00000037337	0.262508699	-1.929562862	5.11E-06	2.41E-05	113.650572	200.556676	123.890807	22.7819821	58.89131867	32.66974501	Map4k1
ENSMUSG00000086602	0.264106871	-1.920806259	5.11E-06	2.41E-05	48.3238654	45.9812867	54.5119552	13.46208033	15.3629527	10.20929532	Gm15609
ENSMUSG00000045659	0.421953297	-1.244844768	5.11E-06	2.41E-05	427.755697	379.590196	253.976155	184.3269461	116.92914	148.0347821	Plekha7
ENSMUSG00000010797	0.293620987	-1.767973006	5.14E-06	2.42E-05	72.485798	69.4610927	104.068278	21.74643746	17.92344481	32.66974501	Wnt2
ENSMUSG00000039701	2.066467658	1.047166784	5.19E-06	2.44E-05	522.613655	370.785269	294.860121	739.3788737	920.070167	800.4087527	Usp53
ENSMUSG00000043740	0.225663888	-2.147752526	5.30E-06	2.49E-05	54.5880701	138.922185	132.563164	26.92416067	16.21645007	30.62788595	B430306N03Rik
ENSMUSG00000050700	0.164763786	-2.601528908	5.37E-06	2.53E-05	50.1136381	25.4364565	48.3174148	7.248812487	5.120984232	8.167436252	Emilin3
ENSMUSG00000020333	0.097890168	-3.352692224	5.40E-06	2.54E-05	33.1107966	126.203957	27.2559776	5.177723205	5.974481604	7.146506721	Acsl6
ENSMUSG00000096506	0.290046905	-1.785641868	5.41E-06	2.54E-05	53.6931837	61.6344907	53.2730471	18.63980354	17.92344481	12.25115438	CR974586.5
ENSMUSG00000036502	0.302466236	-1.725153992	5.44E-06	2.56E-05	70.6960252	65.5477917	63.1843117	26.92416067	14.50945532	19.3976611	Tmem255a
ENSMUSG00000037185	2.240645965	1.163914713	5.46E-06	2.56E-05	78.7500028	89.0275976	54.5119552	181.2203122	163.8714954	156.2022183	Krt80
ENSMUSG00000033595	2.120112918	1.084141106	5.50E-06	2.58E-05	75.1704572	80.2226704	64.4232198	133.5852587	174.1134639	159.2650069	Lgi3
ENSMUSG00000050663	0.140737347	-2.828922874	5.59E-06	2.62E-05	34.005683	34.2413837	28.4948857	4.142178564	2.560492116	7.146506721	Trhde
ENSMUSG00000099021	47.94167929	5.583208539	5.68E-06	2.66E-05	1.78977279	0	0	48.67059813	19.63043956	27.56509735	Rn7s1
ENSMUSG00000081165	8.104674872	3.018754312	5.70E-06	2.67E-05	5.36931837	1.9566505	4.95563229	36.24406244	39.26087911	23.48137923	Gm11783
ENSMUSG00000108218	0.254154661	-1.976221404	5.74E-06	2.69E-05	185.241484	118.377355	64.4232198	35.20851779	28.16541327	30.62788595	Olfr1372-ps1
ENSMUSG00000049871	0.454928377	-1.136288666	5.75E-06	2.69E-05	108.281254	128.160608	139.996612	60.06158918	53.77033443	57.17205377	Nlrc3
ENSMUSG00000102070	2.050865074	1.036232581	5.78E-06	2.70E-05	102.017049	127.182282	136.279888	240.2463567	211.6673482	296.0695641	Gm28661
ENSMUSG00000092074	0.162410011	-2.622287528	5.79E-06	2.71E-05	34.005683	29.3497575	30.9727018	5.177723205	5.974481604	4.083718126	Dynlt1a
ENSMUSG00000031448	0.077017624	-3.698667576	5.89E-06	2.75E-05	14.3181823	100.767501	45.8395987	3.106633923	5.120984232	4.083718126	Adprhl1
ENSMUSG00000005628	0.041073084	-4.605662916	5.96E-06	2.78E-05	107.386367	1250.29967	213.092188	26.92416067	16.21645007	21.43952016	Tmod4
ENSMUSG00000040264	0.022855098	-5.451340179	5.98E-06	2.79E-05	7.15909116	117.39903	38.4061503	0	2.560492116	1.020929532	Gbp2b
ENSMUSG00000058975	0.059216687	-4.07785241	5.98E-06	2.79E-05	21.4772735	177.07687	45.8395987	1.035544641	4.26748686	9.188365784	Kcnc1
ENSMUSG00000037686	4.474397412	2.161693401	6.00E-06	2.80E-05	26.8465919	10.7615777	18.5836211	73.52366951	59.74481604	119.4487552	Aspg
ENSMUSG00000085977	0.096171709	-3.378243637	6.00E-06	2.80E-05	20.5823871	44.0246362	43.3617825	3.106633923	5.974481604	1.020929532	Gm5970
ENSMUSG00000053541	9.819392872	3.295633826	6.01E-06	2.80E-05	15.2130687	14.6748787	0	79.73693736	152.7760296	67.38134908	Gm4759

ENSMUSG00000006585	0.351139935	-1.509882013	6.02E-06	2.80E-05	87.6988667	126.203957	135.04098	28.99524995	46.94235546	45.94182892	Cdt1
ENSMUSG00000040165	0.023516061	-5.410209763	6.05E-06	2.82E-05	29.531251	17.6098545	34.689426	1.035544641	0.853497372	0	Cd209c
ENSMUSG00000025551	3.212317398	1.683614448	6.10E-06	2.84E-05	270.255691	128.160608	85.484657	527.0922223	542.8243286	490.0461751	Fgf14
ENSMUSG00000095677	0.340180362	-1.555628234	6.32E-06	2.94E-05	96.6477307	79.2443451	107.785002	30.03079459	23.89792642	42.87904032	Dynlt1f
ENSMUSG00000001656	0.012147565	-6.363188989	6.35E-06	2.95E-05	10.7386367	34.2413837	40.8839664	1.035544641	0	0	Hoxc11
ENSMUSG00000087626	4.013776451	2.004960267	6.40E-06	2.97E-05	45.6392062	35.219709	13.6279888	95.27010697	126.3176111	162.3277955	Gm15050
ENSMUSG00000028078	0.336626929	-1.570777502	6.41E-06	2.98E-05	229.985804	156.53204	116.457359	50.74168741	72.54727662	45.94182892	Dclk2
ENSMUSG00000046345	0.02415803	-5.371353374	6.54E-06	3.03E-05	9.84375035	152.618739	28.4948857	1.035544641	3.413989488	0	Smco1
ENSMUSG00000049892	0.410419582	-1.28482853	6.56E-06	3.04E-05	712.329571	403.070002	418.750929	265.0994281	181.7949402	183.7673157	Rasd1
ENSMUSG00000085055	0.129008726	-2.954459448	6.61E-06	3.06E-05	25.9517055	29.3497575	40.8839664	4.142178564	5.974481604	2.041859063	Gm15958
ENSMUSG00000041757	2.058402153	1.041524871	6.69E-06	3.10E-05	197.769893	158.48869	157.341325	370.7249815	269.7051695	419.6020375	Plekha6
ENSMUSG00000030092	8.026444848	3.004761116	6.80E-06	3.15E-05	4.47443198	14.6748787	1.23890807	65.23931238	52.91683706	49.00461751	Cntn6
ENSMUSG00000087881	45.82710309	5.518129185	6.88E-06	3.18E-05	0.8948864	0.97832525	0	39.35069636	38.40738174	14.29301344	Gm22442
ENSMUSG00000077714	17.35592962	4.117356735	6.94E-06	3.21E-05	1.78977279	1.9566505	1.23890807	44.52841956	29.01891065	14.29301344	Snord17
ENSMUSG00000025577	0.453927526	-1.13946612	7.00E-06	3.23E-05	170.923302	119.35568	147.430061	66.27485703	62.30530815	70.44413768	Cbx2
ENSMUSG00000032715	0.468064714	-1.095220086	7.08E-06	3.26E-05	178.977279	171.206919	189.552935	78.70139272	68.27978976	106.1766713	Trib3
ENSMUSG00000074657	0.428574924	-1.222380654	7.09E-06	3.27E-05	205.823871	155.553715	125.129715	70.41703559	67.42629239	71.46506721	Kif5a
ENSMUSG00000043366	0.438650434	-1.188856399	7.11E-06	3.28E-05	708.750025	508.729129	356.805525	252.6728924	212.5208456	226.646356	Olfr78
ENSMUSG00000028927	0.221018178	-2.177763067	7.15E-06	3.29E-05	98.4375035	412.853255	185.836211	52.81277669	45.23536071	56.15112423	Padi2
ENSMUSG00000052087	0.311548654	-1.682470609	7.22E-06	3.32E-05	85.0142076	131.095583	89.2013812	44.52841956	26.45841853	24.50230876	Rgs14
ENSMUSG00000048355	0.277761324	-1.848082367	7.22E-06	3.33E-05	79.6448892	63.5911412	123.890807	30.03079459	26.45841853	17.35580204	Arxes1
ENSMUSG00000043008	0.458891624	-1.12377462	7.30E-06	3.36E-05	290.838079	297.410876	218.047821	151.1895176	94.73820829	125.5743324	Klhl6
ENSMUSG00000022340	0.337588257	-1.566663374	7.34E-06	3.38E-05	92.1732987	76.3093694	65.6621278	33.13742851	23.89792642	22.46044969	Sybu
ENSMUSG00000053062	0.459104488	-1.12310556	7.45E-06	3.43E-05	2743.72169	2019.26331	1346.69307	1054.184445	867.1533299	885.1459038	Jam2
ENSMUSG00000027298	2.026676674	1.019115947	7.46E-06	3.43E-05	186.13637	141.857161	128.84644	256.815071	350.7874199	320.5718729	Tyro3
ENSMUSG00000026027	2.192742837	1.132736624	7.57E-06	3.48E-05	355.269899	530.252285	279.993224	806.6892754	751.9311847	1000.510941	Stradb
ENSMUSG00000107091	0.23117549	-2.112939647	7.58E-06	3.48E-05	108.281254	180.990171	426.184377	52.81277669	58.03782129	54.10926517	Gm43343
ENSMUSG00000025938	0.136846085	-2.869373938	7.63E-06	3.50E-05	43.8494334	219.144856	70.6177601	21.74643746	12.80246058	11.23022485	Slco5a1
ENSMUSG00000026589	0.434109678	-1.203868509	7.70E-06	3.54E-05	970.951739	578.190222	561.225357	326.1965619	238.1257668	353.2416179	Sec16b
ENSMUSG00000021676	0.386137403	-1.372813788	7.75E-06	3.56E-05	451.91763	346.327138	366.716789	152.2250622	90.47072143	208.2696244	Iqgap2
ENSMUSG00000027861	0.382239919	-1.387449642	7.77E-06	3.56E-05	181.661938	270.017769	361.761157	127.3719908	85.3497372	98.00923503	Casq2
ENSMUSG00000072849	91.28589329	6.512320028	7.80E-06	3.58E-05	13.4232959	35.219709	11.1501727	1984.103532	25.60492116	3453.804605	Serpina1e
ENSMUSG00000098090	0.288095418	-1.79538138	7.82E-06	3.58E-05	62.6420477	83.1576461	70.6177601	26.92416067	23.04442904	12.25115438	2700099C18Rik
ENSMUSG00000031351	0.298962153	-1.741965236	7.87E-06	3.61E-05	233.565349	118.377355	229.197993	34.17297315	71.69377925	67.38134908	Zfp185
ENSMUSG00000024910	0.223656228	-2.160645164	7.93E-06	3.63E-05	53.6931837	111.529078	48.3174148	14.49762497	17.92344481	15.31394297	Ctsw
ENSMUSG00000062248	0.359094091	-1.477566183	8.24E-06	3.76E-05	83.2244348	147.727113	141.23552	46.59950885	47.79585283	38.7953222	Cks2
ENSMUSG00000073982	0.495721686	-1.012397722	8.35E-06	3.81E-05	834.034121	1408.78836	1461.91153	596.4737132	583.7922024	655.4367592	Rhog
ENSMUSG00000084843	3.631449411	1.860545482	8.38E-06	3.82E-05	24.1619327	75.3310441	34.689426	147.047339	179.2344481	161.306866	B230312C02Rik
ENSMUSG00000050071	0.027640882	-5.177052524	8.62E-06	3.92E-05	8.94886395	52.8295634	43.3617825	2.071089282	0.853497372	0	Bex1
ENSMUSG00000085331	15.38066726	3.943046188	8.70E-06	3.96E-05	1.78977279	2.93497575	0	24.85307138	20.48393693	31.64881548	Gm11274
ENSMUSG00000049307	0.292483924	-1.773570765	8.71E-06	3.96E-05	52.7982973	50.8729129	55.7508633	16.56871426	11.94896321	18.37673157	Fut4
ENSMUSG00000103364	0.216189668	-2.20963052	8.75E-06	3.98E-05	101.122163	162.401991	397.689491	35.20851779	57.18432392	50.02554704	Gm38157
ENSMUSG00000026628	2.883490843	1.527816441	8.83E-06	4.01E-05	1285.05686	1110.39916	1556.06854	5143.550232	1748.816115	4501.278304	Atf3
ENSMUSG00000043122	0.372582812	-1.424366972	8.85E-06	4.02E-05	523.508541	236.75471	312.204834	157.4027854	126.3176111	116.3859666	A530016L24Rik
ENSMUSG00000096054	2.389785617	1.256881203	8.89E-06	4.03E-05	5109.80132	3088.57281	2090.03792	8639.54894	8184.1863	7769.273735	Syne1
ENSMUSG00000056656	3.390087947	1.761322701	8.98E-06	4.07E-05	15.2130687	15.653204	13.6279888	49.70614277	48.6493502	53.08833564	Apol8
ENSMUSG00000059412	0.311889935	-1.680891097	8.99E-06	4.07E-05	69.8011388	56.7428644	83.0068409	25.88861603	16.21645007	23.48137923	Fxyd2
ENSMUSG00000056966	0.271722934	-1.879791756	9.04E-06	4.09E-05	66.2215933	58.6995149	55.7508633	10.35544641	15.3629527	23.48137923	Gjc3
ENSMUSG00000087400	2.353370801	1.234728652	9.06E-06	4.10E-05	101.122163	56.7428644	78.0512086	209.1800175	164.7249928	182.7463861	Gm15270
ENSMUSG00000026077	4.275819295	2.096200883	9.15E-06	4.14E-05	25.9517055	43.0463109	91.6791974	142.9051605	233.0047825	305.2579299	Npas2
ENSMUSG00000028001	2366.368926	11.2084593	9.22E-06	4.17E-05	0	0	1.23890807	733.1656058	1.706994744	1878.510338	Fga
ENSMUSG00000053886	0.279893589	-1.837049655	9.26E-06	4.18E-05	56.3778429	66.5261169	68.139944	20.71089282	22.19093167	10.20929532	Sh2d4a
ENSMUSG00000091650	70.11962202	6.131746314	9.41E-06	4.25E-05	0.8948864	0	0	18.63980354	17.06994744	41.85811079	Apol11a
ENSMUSG00000110453	5.777129676	2.530352878	9.53E-06	4.30E-05	7.15909116	5.86995149	3.71672422	32.10188387	35.84688962	30.62788595	Gm32352
ENSMUSG00000026062	2.74643737	1.457561393	9.55E-06	4.31E-05	56.3778429	128.160608	69.3788521	216.42883	225.3233062	256.2533124	Slc9a2
ENSMUSG00000090066	0.042752845	-4.547835768	9.60E-06	4.33E-05	91.2784123	1014.52328	218.047821	25.88861603	9.388471092	21.43952016	1110002E22Rik
ENSMUSG00000016942	10.40502122	3.379208003	9.78E-06	4.40E-05	11.6335231	5.86995149	11.1501727	96.30565161	17.92344481	183.7673157	Tmprss6
ENSMUSG00000027597	2.113438915	1.079592414	1.01E-05	4.56E-05	337.372171	407.961629	278.754316	652.3931238	567.5757524	947.4226053	Ahcy
ENSMUSG00000022978	0.472132815	-1.082735337	1.03E-05	4.62E-05	170.028415	219.144856	226.720177	82.84357128	117.7826373	88.82086924	Mis18a
ENSMUSG00000047197	0.057194198	-4.127987387	1.04E-05	4.64E-05	24.1619327	17.6098545	26.0170695	1.035544641	0.853497372	2.041859063	Gjd3
ENSMUSG00000102553	3.497519219	1.806331985	1.04E-05	4.66E-05	18.7926143	12.7182282	19.8225292	49.70614277	72.54727662	56.15112423	D930036K23Rik
ENSMUSG00000021823	3.092927054	1.628972808	1.04E-05	4.66E-05	2825.15635	1738.48397	756.972832	5591.941062	5747.451303	5123.024389	Vcl
ENSMUSG00000027022	0.013789212	-6.180316149	1.05E-05	4.69E-05	437.599447	8577.95578	821.396052	102.5189195	12.80246058	20.41859063	Xirp2
ENSMUSG00000079685	0.145248711	-2.783402737	1.05E-05	4.70E-05	34.005683	31.306408	32.2116099	4.142178564	7.681476348	2.041859063	Ulbp1
ENSMUSG00000052142	0.326250924	-1.615946106	1.07E-05	4.78E-05	121.70455	185.881797	111.501727	41.42178564	63.15880553	31.64881548	Rasal3
ENSMUSG00000059908	3418.731678	11.73924548	1.07E-05	4.78E-05	0	0	1.23890807	1328.603774	0.853497372	2446.147158	Mug1
ENSMUSG00000051000	3.034028	1.6012344	1.07E-05	4.79E-05	85.909094	230.884759	97.8737377	387.2936957	436.1371571	435.93691	Fam160a1
ENSMUSG00000004885	0.100717897	-3.311608033	1.07E-05	4.80E-05	32.2159102	103.702476	227.959085	23.81752674	6.827978976	6.125577189	Crabp2
ENSMUSG00000075588	2.040711223	1.029072044	1.09E-05	4.87E-05	90.3835259	81.2009956	84.2457489	192.6113032	188.6229192	140.8882754	Hoxb2
ENSMUSG00000039934	0.483577002	-1.048182461	1.09E-05	4.88E-05	224.616485	354.15374	261.409603	127.3719908	128.0246058	151.0975707	Gsap
ENSMUSG00000021624	0.28838427	-1.793935622	1.12E-05	4.98E-05	135.127846	264.147817	146.191153	40.386241	78.52175822	37.77439267	Cd180
ENSMUSG00000085972	61.99655921	5.954116243	1.14E-05	5.07E-05	0	0.97832525	0	22.7819821	16.21645007	29.60695641	1110028F11Rik
ENSMUSG00000109455	4.343753175	2.118942127	1.14E-05	5.10E-05	37.5852286	31.306408	9.91126458	77.66584808	138.2665743	130.67898	Gm44710
ENSMUSG00000110018	0.081834098	-3.611154097	1.15E-05	5.13E-05	14.3181823	34.2413837	34.689426	3.106633923	1.706994744	2.041859063	5430437J10Rik
ENSMUSG00000026828	0.103896462	-3.26678157	1.16E-05	5.17E-05	29.531251	24.4581312	19.8225292	2.071089282	2.560492116	3.062788595	Galnt5
ENSMUSG00000030724	5.536081868	2.468865278	1.17E-05	5.19E-05	8.05397756	18.5881797	12.3890807	59.02604454	115.2221452	40.83718126	Cd19
ENSMUSG00000020635	0.452952641	-1.142567878	1.17E-05	5.20E-05	141.39205	130.117258	139.996612	59.02604454	50.35634495	77.5906444	Fkbp1b
ENSMUSG00000084992	47.39454407	5.566649085	1.18E-05	5.24E-05	0	0	2.47781615	23.81752674	17.06994744	60.23484236	Gm13842
ENSMUSG00000035948	0.115109596	-3.118919988	1.18E-05	5.26E-05	218.35228	56.7428644	43.3617825	16.56871426	5.120984232	15.31394297	Acss3
ENSMUSG00000075394	0.490597535	-1.027388109	1.18E-05	5.27E-05	229.985804	251.429589	294.860121	97.34119626	130.5850979	152.1185002	Hoxc4
ENSMUSG00000020377	0.291319864	-1.779324021	1.19E-05	5.27E-05	164.659097	139.900511	256.453971	76.63030344	29.01891065	58.1929833	Ltc4s
ENSMUSG00000079015	813.0203594	9.66714767	1.19E-05	5.29E-05	3.57954558	0.97832525	0	904.0304716	1.706994744	2876.97942	Serpina1c
ENSMUSG00000036362	0.326575609	-1.614511053	1.19E-05	5.29E-05	53.6931837	55.7645392	59.4675875	18.63980354	16.21645007	20.41859063	P2ry13
ENSMUSG00000028444	0.272956731	-1.87325582	1.21E-05	5.36E-05	208.50853	147.727113	162.296958	79.73693736	24.75142379	37.77439267	Cntfr
ENSMUSG00000026437	0.247130758	-2.016653516	1.22E-05	5.41E-05	144.07671	177.07687	112.740635	38.31515172	14.50945532	55.1301947	Cdk18
ENSMUSG00000022126	0.020884026	-5.581456301	1.26E-05	5.56E-05	23.2670463	560.580367	110.262818	2.071089282	4.26748686	8.167436252	Acod1
ENSMUSG00000054065	0.173567254	-2.526433309	1.27E-05	5.62E-05	29.531251	53.8078887	34.689426	9.319901769	4.26748686	7.146506721	Pkp3
ENSMUSG00000041064	0.223946221	-2.158775771	1.33E-05	5.90E-05	35.7954558	45.9812867	64.4232198	7.248812487	11.94896321	13.27208391	Pif1
ENSMUSG00000033578	2.173616531	1.120097443	1.35E-05	5.97E-05	75.1704572	62.6128159	105.307186	170.8648658	184.3554323	169.4743022	Tmem35a
ENSMUSG00000054013	0.248617386	-2.008000904	1.37E-05	6.04E-05	188.821029	64.5694664	100.351554	36.24406244	26.45841853	25.52323829	Tmem179
ENSMUSG00000030996	0.032618493	-4.938166038	1.37E-05	6.05E-05	51.9034109	874.622772	225.481269	19.67534818	12.80246058	5.104647658	Art1
ENSMUSG00000046794	2.076523056	1.05416989	1.40E-05	6.17E-05	470.710244	313.06408	263.887419	719.7035255	630.7345579	830.0157091	Ppp1r3b
ENSMUSG00000096971	0.303473501	-1.720357546	1.41E-05	6.22E-05	54.5880701	74.3527189	48.3174148	19.67534818	17.92344481	16.3348725	4930556M19Rik

ENSMUSG00000030433	0.062420681	-4.001832091	1.41E-05	6.22E-05	13.4232959	155.553715	30.9727018	3.106633923	4.26748686	5.104647658	Sbk2
ENSMUSG00000043531	0.126520162	-2.982560785	1.42E-05	6.26E-05	55.4829565	37.1763594	27.2559776	7.248812487	6.827978976	1.020929532	Sorcs1
ENSMUSG00000050395	0.185695069	-2.428992592	1.44E-05	6.33E-05	34.9005694	63.5911412	39.6450583	4.142178564	11.09546584	10.20929532	Tnfsf15
ENSMUSG00000059974	0.351058425	-1.510216944	1.44E-05	6.34E-05	65.3267069	72.3960684	89.2013812	33.13742851	23.04442904	23.48137923	Ntm
ENSMUSG00000038457	0.431242892	-1.213427416	1.45E-05	6.36E-05	276.519896	238.711361	149.907877	95.27010697	90.47072143	102.0929532	Tmem255b
ENSMUSG00000055093	3.945932948	1.980366441	1.46E-05	6.43E-05	10.7386367	30.3280827	30.9727018	107.6966427	104.1266794	69.42320814	Gm8430
ENSMUSG00000080850	0.005916447	-7.401053113	1.47E-05	6.45E-05	1.78977279	63.5911412	24.7781615	0	0	0	Gm12439
ENSMUSG00000087090	0.030219093	-5.048395818	1.48E-05	6.49E-05	51.0085245	546.883814	111.501727	13.46208033	5.974481604	2.041859063	Nctc1
ENSMUSG00000024511	2.587884715	1.37177335	1.49E-05	6.53E-05	315.894898	282.735997	130.085348	646.179856	522.3403916	722.8181083	Rab27b
ENSMUSG00000020178	0.470675251	-1.0871961	1.50E-05	6.58E-05	134.232959	164.358642	190.791843	80.772482	65.71929764	83.71622159	Adora2a
ENSMUSG00000027249	885.0606385	9.789632492	1.50E-05	6.58E-05	0	0.97832525	0	296.1657673	3.413989488	677.8972089	F2
ENSMUSG00000021213	0.241494553	-2.049937446	1.51E-05	6.64E-05	48.3238654	67.5044422	104.068278	19.67534818	11.09546584	22.46044969	Akr1c13
ENSMUSG00000021710	0.495864326	-1.011982658	1.52E-05	6.67E-05	553.934679	371.763594	338.221904	214.3577407	191.1834113	222.5626379	Nln
ENSMUSG00000097357	3.893373789	1.961020859	1.54E-05	6.75E-05	18.7926143	8.80492724	12.3890807	60.06158918	46.94235546	50.02554704	Gm16793
ENSMUSG00000109783	0.0932446	-3.422836015	1.56E-05	6.83E-05	25.9517055	25.4364565	21.0614372	1.035544641	1.706994744	4.083718126	Gm45338
ENSMUSG00000045991	36.85163667	5.203656789	1.56E-05	6.84E-05	0.8948864	2.93497575	2.47781615	47.63505349	2.560492116	179.6835975	Onecut2
ENSMUSG00000025804	0.342193991	-1.547113668	1.59E-05	6.96E-05	135.127846	234.79806	265.126328	96.30565161	71.69377925	49.00461751	Ccr1
ENSMUSG00000051747	0.020629816	-5.59912522	1.61E-05	7.03E-05	2101.19326	33021.4121	3550.71054	498.0969723	105.8336741	193.976611	Ttn
ENSMUSG00000111361	0.230982929	-2.114141865	1.62E-05	7.08E-05	79.6448892	238.711361	361.761157	50.74168741	46.94235546	59.21391283	Gm47445
ENSMUSG00000038910	0.375259014	-1.414041367	1.62E-05	7.09E-05	328.423307	849.186316	734.672487	238.1752674	221.9093167	257.2742419	Plcl2
ENSMUSG00000031891	0.096875885	-3.367718605	1.63E-05	7.12E-05	40.2698878	24.4581312	47.0785068	8.284357128	1.706994744	1.020929532	Hsd11b2
ENSMUSG00000050440	105.2630807	6.717855713	1.64E-05	7.15E-05	0.8948864	0	1.23890807	57.9904999	0.853497372	159.2650069	Hamp
ENSMUSG00000015879	8.279197322	3.049490903	1.65E-05	7.18E-05	5.36931837	2.93497575	2.47781615	21.74643746	42.6748686	26.54416782	Fam184b
ENSMUSG00000048534	0.242181054	-2.045842088	1.65E-05	7.18E-05	68.9062524	134.030559	112.740635	42.45733028	17.92344481	16.3348725	Jaml
ENSMUSG00000057777	0.173465843	-2.527276483	1.65E-05	7.19E-05	29.531251	26.4147817	33.450518	5.177723205	4.26748686	6.125577189	Mab21l2
ENSMUSG00000038473	2.356439278	1.236608506	1.66E-05	7.22E-05	85.909094	71.4177432	49.5563229	167.7582318	186.9159245	135.7836277	Nos1ap
ENSMUSG00000052316	0.046420379	-4.429097883	1.66E-05	7.24E-05	201.349439	208.383278	1232.71353	42.45733028	25.60492116	8.167436252	Lrrc15
ENSMUSG00000033705	0.429834675	-1.218146223	1.67E-05	7.27E-05	1975.01427	1140.72724	869.713467	551.9452937	592.3271761	569.6786786	Stard9
ENSMUSG00000078616	0.058144799	-4.104206045	1.68E-05	7.30E-05	15.2130687	24.4581312	27.2559776	2.071089282	0.853497372	1.020929532	Trim30c
ENSMUSG00000099250	58.61289564	5.873146207	1.68E-05	7.33E-05	0	0	1.23890807	24.85307138	14.50945532	25.52323829	Rn7s2
ENSMUSG00000049420	0.236747323	-2.078579982	1.69E-05	7.36E-05	59.9573885	68.4827674	37.1672422	8.284357128	13.65595795	17.35580204	Tmem200a
ENSMUSG00000021714	2.761076638	1.465230933	1.72E-05	7.46E-05	22.3721599	39.1330099	42.1228745	101.4833748	97.2987004	84.73715112	Cenpk
ENSMUSG00000018486	0.306655825	-1.705307738	1.74E-05	7.57E-05	67.1164797	92.9408986	68.139944	30.03079459	25.60492116	14.29301344	Wnt9b
ENSMUSG00000044217	0.107761162	-3.214090782	1.75E-05	7.60E-05	17.8977279	28.3714322	52.0341391	4.142178564	4.26748686	2.041859063	Aqp5
ENSMUSG00000072109	0.230172991	-2.119209539	1.82E-05	7.89E-05	34.9005694	84.1359714	71.8566682	12.42653569	17.92344481	13.27208391	A530040E14Rik
ENSMUSG00000041660	15.47663252	3.952019692	1.83E-05	7.92E-05	1.78977279	1.9566505	2.47781615	21.74643746	14.50945532	59.21391283	Bbox1
ENSMUSG00000024245	0.153922697	-2.699722116	1.84E-05	7.98E-05	22.3721599	36.1980342	29.7337937	5.177723205	3.413989488	5.104647658	Tmem178
ENSMUSG00000045062	0.358873057	-1.47845448	1.86E-05	8.07E-05	80.5397756	67.5044422	68.139944	32.10188387	20.48393693	25.52323829	Pcdhb7
ENSMUSG00000051515	0.179267845	-2.479811359	1.87E-05	8.08E-05	25.0568191	39.1330099	37.1672422	4.142178564	7.681476348	6.125577189	Fam181b
ENSMUSG00000006715	0.453706434	-1.140168976	1.88E-05	8.11E-05	92.1732987	121.312331	113.979543	49.70614277	48.6493502	50.02554704	Gmnn
ENSMUSG00000033533	201.7827907	7.656659327	1.89E-05	8.18E-05	0	0	0	24.85307138	0.853497372	88.82086924	Acsm1
ENSMUSG00000109674	0.283604107	-1.81804967	1.90E-05	8.21E-05	58.1676157	42.0679857	49.5563229	17.6042589	12.80246058	12.25115438	Gm45470
ENSMUSG00000020598	0.219342282	-2.188744154	1.91E-05	8.26E-05	46.5340926	55.7645392	37.1672422	5.177723205	11.09546584	14.29301344	Nrcam
ENSMUSG00000026955	0.052270557	-4.257857662	1.93E-05	8.32E-05	13.4232959	30.3280827	29.7337937	2.071089282	1.706994744	0	Sapcd2
ENSMUSG00000007908	0.298150252	-1.745888539	1.94E-05	8.34E-05	51.9034109	50.8729129	45.8395987	12.42653569	13.65595795	18.37673157	Hmgcll1
ENSMUSG00000020067	0.019596824	-5.673236299	1.94E-05	8.38E-05	68.9062524	897.124253	116.457359	15.53316962	1.706994744	4.083718126	Mypn
ENSMUSG00000082902	0.280647153	-1.833170668	1.96E-05	8.44E-05	38.480115	51.8512382	47.0785068	13.46208033	12.80246058	12.25115438	Ccl19-ps1
ENSMUSG00000034570	3.098581952	1.631608125	1.98E-05	8.52E-05	20.5823871	17.6098545	27.2559776	53.84832133	66.57279501	80.65343299	Inpp5j
ENSMUSG00000027360	0.345134357	-1.534769998	1.99E-05	8.55E-05	172.713074	472.531095	298.576846	104.5900087	100.7126899	120.4696847	Hdc
ENSMUSG00000073002	0.473759776	-1.077772381	1.99E-05	8.55E-05	468.025585	792.443451	893.25272	324.1254726	321.7685092	373.6602085	Vamp5
ENSMUSG00000050014	0.291069925	-1.780562314	1.99E-05	8.57E-05	63.5369341	158.48869	133.802072	37.27960708	38.40738174	27.56509735	Apol10b
ENSMUSG00000086507	0.084720121	-3.561151541	2.01E-05	8.64E-05	21.4772735	34.2413837	38.4061503	5.177723205	0	3.062788595	Adap2os
ENSMUSG00000035686	0.417464311	-1.260275227	2.04E-05	8.78E-05	5007.78427	2076.00618	3523.45456	1728.324006	1195.749818	1504.850129	Thrsp
ENSMUSG00000058755	0.206084889	-2.278689367	2.04E-05	8.78E-05	29.531251	75.3310441	55.7508633	12.42653569	8.53497372	12.25115438	Osm
ENSMUSG00000009214	0.016798452	-5.89552786	2.05E-05	8.80E-05	6.26420477	46.9596119	64.4232198	2.071089282	0	0	Mymk
ENSMUSG00000070424	0.086604411	-3.529415681	2.05E-05	8.80E-05	23.2670463	85.1142966	30.9727018	3.106633923	7.681476348	1.020929532	Art5
ENSMUSG00000034156	0.139498486	-2.841678629	2.06E-05	8.85E-05	25.9517055	32.2847332	29.7337937	2.071089282	6.827978976	3.062788595	Tspoap1
ENSMUSG00000079428	0.045112537	-4.470327767	2.08E-05	8.93E-05	6.26420477	135.98721	79.2901166	7.248812487	0.853497372	2.041859063	Tceal7
ENSMUSG00000029206	0.183389888	-2.447014	2.13E-05	9.12E-05	42.954547	30.3280827	49.5563229	6.213267846	4.26748686	12.25115438	Nsun7
ENSMUSG00000022629	0.363810555	-1.458740697	2.14E-05	9.18E-05	126.178982	186.860122	199.4642	61.09713382	40.96787385	84.73715112	Kif21a
ENSMUSG00000075286	57.64330676	5.849081194	2.16E-05	9.23E-05	0	0.97832525	0	19.67534818	14.50945532	29.60695641	Gm1968
ENSMUSG00000064344	2.796912667	1.483835207	2.16E-05	9.24E-05	23.2670463	30.3280827	32.2116099	99.41228554	69.13328713	70.44413768	mt-Tm
ENSMUSG00000068240	2.911413009	1.541719513	2.19E-05	9.34E-05	36.6903422	33.2630585	40.8839664	125.3009016	128.8781032	67.38134908	Gm11808
ENSMUSG00000051124	0.484367035	-1.045827414	2.23E-05	9.51E-05	107.386367	124.247307	107.785002	52.81277669	55.47732918	56.15112423	Gimap9
ENSMUSG00000027513	0.43115965	-1.213705925	2.26E-05	9.64E-05	3334.34671	2407.65844	4336.17825	1701.399845	920.070167	1724.349979	Pck1
ENSMUSG00000046207	0.459008514	-1.123407181	2.28E-05	9.72E-05	160.184665	268.061118	267.604144	104.5900087	104.9801768	109.2394599	Pik3r6
ENSMUSG00000024617	0.077346099	-3.692527655	2.30E-05	9.81E-05	157.500006	1248.34302	294.860121	42.45733028	40.11437648	49.00461751	Camk2a
ENSMUSG00000042717	0.04711237	-4.407750281	2.32E-05	9.89E-05	82.3295484	838.424738	137.518796	25.88861603	12.80246058	11.23022485	Ppp1r3a
ENSMUSG00000085603	5.236926998	2.388720494	2.33E-05	9.92E-05	6.26420477	8.80492724	7.43344844	32.10188387	55.47732918	29.60695641	Gm11346
ENSMUSG00000027859	0.446251711	-1.164070393	2.33E-05	9.92E-05	136.022732	171.206919	147.430061	74.55921415	49.50284757	79.63250346	Ngf
ENSMUSG00000026489	2.542349883	1.34616259	2.36E-05	0.00010038	401.803992	873.644447	360.522249	1283.03981	1334.86989	1543.645452	Coq8a
ENSMUSG00000005968	0.233939753	-2.095791057	2.36E-05	0.00010054	34.005683	48.9162624	58.2286794	8.284357128	9.388471092	15.31394297	Tuft1
ENSMUSG00000056035	1610.282642	10.65309822	2.40E-05	0.00010212	0	0.97832525	0	307.5567584	1.706994744	1469.117596	Cyp3a11
ENSMUSG00000044551	0.357964817	-1.482110297	2.40E-05	0.00010214	76.0653436	56.7428644	60.7064956	23.81752674	22.19093167	23.48137923	9930012K11Rik
ENSMUSG00000032083	165.1383147	7.367531077	2.41E-05	0.00010239	0.8948864	3.91330099	6.19454036	612.0068828	2.560492116	1185.299186	Apoa1
ENSMUSG00000078302	4.839177983	2.274762002	2.41E-05	0.00010241	17.8977279	14.6748787	3.71672422	55.91941062	49.50284757	74.5278558	Foxd1
ENSMUSG00000078439	0.401742455	-1.315657165	2.41E-05	0.00010241	85.0142076	99.7891754	138.757704	45.5639642	40.11437648	43.89996986	Smim24
ENSMUSG00000032691	0.229099558	-2.125953418	2.44E-05	0.00010339	62.6420477	156.53204	69.3788521	32.10188387	17.92344481	16.3348725	Nlrp3
ENSMUSG00000025876	0.273021796	-1.872911966	2.46E-05	0.00010443	62.6420477	84.1359714	69.3788521	20.71089282	10.24196846	28.58602688	Unc5a
ENSMUSG00000053199	0.479849542	-1.059345978	2.49E-05	0.00010532	191.505689	187.838448	138.757704	84.91466056	69.9867845	94.94644643	Arhgap20
ENSMUSG00000024222	0.407089418	-1.296582375	2.49E-05	0.00010566	1669.85801	1206.27503	1404.92175	861.5731413	538.5568417	343.0323226	Fkbp5
ENSMUSG00000029165	2.140743658	1.098112051	2.50E-05	0.00010578	174.502847	130.117258	96.6348297	252.6728924	281.6541327	328.7393092	Agbl5
ENSMUSG00000040037	0.332923223	-1.586738585	2.50E-05	0.00010596	239.829554	115.442379	162.296958	61.09713382	38.40738174	73.50692627	Negr1
ENSMUSG00000073705	0.164124819	-2.607134675	2.51E-05	0.00010607	23.2670463	53.8078887	78.0512086	8.284357128	5.974481604	11.23022485	Cenps
ENSMUSG00000031389	0.388877358	-1.362612856	2.51E-05	0.00010613	197.769893	315.999055	189.552935	90.09238377	118.6361347	64.31856049	Arhgap4
ENSMUSG00000028307	216.7710667	7.760028397	2.52E-05	0.00010648	3.57954558	3.91330099	0	393.5069636	6.827978976	1247.575888	Aldob
ENSMUSG00000078490	0.320912796	-1.639746777	2.52E-05	0.00010657	110.965913	65.5477917	74.3344844	22.7819821	34.99339225	22.46044969	Cfap74
ENSMUSG00000049109	4.225998209	2.079292156	2.55E-05	0.00010797	8.94886395	15.653204	6.19454036	44.52841956	44.38186334	42.87904032	Themis
ENSMUSG00000079465	3.112394835	1.63802509	2.56E-05	0.00010822	130.653414	96.8541996	39.6450583	292.0235888	231.2977878	313.4253662	Col4a3
ENSMUSG00000003070	0.309264405	-1.693087301	2.57E-05	0.00010862	87.6988667	64.5694664	146.191153	31.06633923	27.3119159	33.69067454	Efna2
ENSMUSG00000026417	2127.027143	11.05462273	2.58E-05	0.00010879	0	0	0	446.3197403	4.26748686	755.4878533	Pigr
ENSMUSG00000022941	0.294269745	-1.764788874	2.62E-05	0.00011036	44.7443198	70.4394179	76.8123005	23.81752674	15.3629527	17.35580204	Ripply3
ENSMUSG00000074071	2.450555306	1.293108707	2.66E-05	0.00011229	29.531251	29.3497575	35.9283341	75.59475879	82.78924508	72.48599674	Fam169b

ENSMUSG00000040181	0.407108563	-1.296514528	2.66E-05	0.00011232	5738.01157	3047.48315	2467.90488	1904.366595	1241.838676	1436.447851	Fmo1
ENSMUSG00000053552	2.200943115	1.138121858	2.67E-05	0.00011239	142.286937	76.3093694	117.696267	229.8909103	232.1512852	278.7137621	Ebf4
ENSMUSG00000025089	0.330236744	-1.598427443	2.69E-05	0.00011337	168.238642	131.095583	113.979543	44.52841956	26.45841853	66.36041955	Gfra1
ENSMUSG00000030854	0.049244416	-4.343896062	2.69E-05	0.00011337	12.5284095	18.5881797	47.0785068	1.035544641	1.706994744	1.020929532	Ptpn5
ENSMUSG00000038932	0.072235306	-3.791152038	2.73E-05	0.000115	29.531251	12.7182282	53.2730471	2.071089282	0.853497372	4.083718126	Tcfl5
ENSMUSG00000103593	2.470978132	1.305082243	2.75E-05	0.00011572	102.017049	63.5911412	52.0341391	211.2511068	157.8970138	172.5370908	Gm37352
ENSMUSG00000051805	3.290309544	1.718223315	2.81E-05	0.00011799	16.1079551	18.5881797	11.1501727	48.67059813	54.62383181	49.00461751	A530095I07Rik
ENSMUSG00000030747	0.40144866	-1.316712598	2.85E-05	0.00011953	3804.16207	1636.73814	2199.06183	1310.999516	774.9756137	982.1342093	Dgat2
ENSMUSG00000104835	0.099775816	-3.325166016	2.86E-05	0.00012018	15.2130687	33.2630585	29.7337937	4.142178564	1.706994744	2.041859063	Gm5547
ENSMUSG00000032855	2.423743801	1.277237209	2.88E-05	0.00012066	6140.71045	3494.57779	2291.97993	10360.62413	9636.838827	8916.798528	Pkd1
ENSMUSG00000048856	2.640603552	1.400867718	2.91E-05	0.00012188	47.428979	45.9812867	50.795231	152.2250622	81.93574771	147.0138525	Slc25a47
ENSMUSG00000050505	0.109485095	-3.191193614	2.91E-05	0.00012188	68.0113661	47.9379372	113.979543	19.67534818	1.706994744	4.083718126	Pcdh20
ENSMUSG00000091952	3.179697853	1.668889681	2.94E-05	0.00012306	24.1619327	14.6748787	14.8668969	53.84832133	62.30530815	56.15112423	Gm17709
ENSMUSG00000061462	0.029588508	-5.078819252	2.96E-05	0.00012384	327.528421	4354.52568	556.269725	99.41228554	17.92344481	37.77439267	Obscn
ENSMUSG00000028713	0.499391993	-1.001755404	2.97E-05	0.00012412	622.840931	450.029614	356.805525	257.8506156	211.6673482	246.0440171	Cyp4b1
ENSMUSG00000043969	0.026333325	-5.246966472	3.02E-05	0.00012605	11.6335231	24.4581312	37.1672422	1.035544641	0.853497372	0	Emx2
ENSMUSG00000042340	2.381010595	1.25157404	3.12E-05	0.00013007	41.1647742	79.2443451	63.1843117	136.6918926	157.0435164	141.9092049	Ctf1
ENSMUSG00000025190	0.385057531	-1.376854083	3.15E-05	0.00013135	385.696036	972.455297	579.808978	220.5710085	223.6163115	302.1951413	Got1
ENSMUSG00000096965	0.043691337	-4.51650895	3.18E-05	0.00013262	16.1079551	14.6748787	35.9283341	1.035544641	0.853497372	1.020929532	3300005D01Rik
ENSMUSG00000090124	0.177347057	-2.495352709	3.22E-05	0.00013426	98.4375035	56.7428644	30.9727018	8.284357128	7.681476348	17.35580204	Ugt1a7c
ENSMUSG00000068101	0.20511746	-2.28547779	3.24E-05	0.0001351	33.1107966	49.8945877	63.1843117	5.177723205	9.388471092	15.31394297	Cenpm
ENSMUSG00000051243	0.372542811	-1.424521871	3.24E-05	0.00013514	150.340914	157.510365	289.904489	88.02129449	76.81476348	57.17205377	Islr2
ENSMUSG00000002500	0.028200408	-5.148140138	3.26E-05	0.00013585	71.5909116	1416.61496	175.924946	26.92416067	6.827978976	13.27208391	Rpl3l
ENSMUSG00000041912	0.332278561	-1.589534884	3.26E-05	0.00013585	65.3267069	53.8078887	48.3174148	20.71089282	18.77694218	16.3348725	Tdrkh
ENSMUSG00000057716	0.255066795	-1.971052994	3.30E-05	0.00013714	52.7982973	32.2847332	43.3617825	10.35544641	10.24196846	12.25115438	Tmem178b
ENSMUSG00000000049	70.84596738	6.146613831	3.30E-05	0.00013727	1.78977279	2.93497575	3.71672422	162.5805086	4.26748686	426.7485442	Apoh
ENSMUSG00000071860	34.56641079	5.111298904	3.31E-05	0.00013752	0	1.9566505	0	16.56871426	29.87240802	23.48137923	2900055J20Rik
ENSMUSG00000094088	0.091320076	-3.452924126	3.33E-05	0.00013852	18.7926143	57.7211897	18.5836211	4.142178564	2.560492116	2.041859063	Ighv1-64
ENSMUSG00000050232	0.214690575	-2.219669239	3.36E-05	0.00013948	43.8494334	76.3093694	38.4061503	6.213267846	15.3629527	12.25115438	Cxcr3
ENSMUSG00000079445	0.14922225	-2.744465431	3.37E-05	0.00013967	18.7926143	31.306408	47.0785068	4.142178564	5.120984232	5.104647658	B3gnt7
ENSMUSG00000030000	2.912957175	1.542484492	3.38E-05	0.00014028	28.6363647	30.3280827	33.450518	61.09713382	87.91022931	119.4487552	Add2
ENSMUSG00000074912	0.177409926	-2.494841369	3.44E-05	0.00014247	46.5340926	34.2413837	53.2730471	2.071089282	10.24196846	11.23022485	Gm14207
ENSMUSG00000022622	0.224767317	-2.153495825	3.44E-05	0.0001425	38.480115	37.1763594	32.2116099	11.39099105	5.974481604	7.146506721	Acr
ENSMUSG00000073491	0.250209276	-1.998792821	3.44E-05	0.0001425	92.1732987	367.850293	252.737247	46.59950885	80.22875297	51.04647658	Ifi213
ENSMUSG00000006435	0.179734386	-2.476061651	3.45E-05	0.00014278	87.6988667	638.846387	211.85328	46.59950885	48.6493502	73.50692627	Neurl1a
ENSMUSG00000031385	0.228746613	-2.128177711	3.47E-05	0.00014357	76.96023	69.4610927	30.9727018	17.6042589	11.09546584	12.25115438	Plxnb3
ENSMUSG00000019936	0.167911939	-2.574223286	3.49E-05	0.00014429	45.6392062	24.4581312	27.2559776	7.248812487	5.120984232	4.083718126	Epyc
ENSMUSG00000056531	2.769484274	1.469617347	3.50E-05	0.00014471	27.7414783	34.2413837	58.2286794	127.3719908	100.7126899	101.0720236	Ccdc18
ENSMUSG00000109498	3.575254081	1.838045773	3.53E-05	0.00014599	18.7926143	13.6965535	19.8225292	82.84357128	41.82137123	62.27670142	Gm45222
ENSMUSG00000075707	0.058317293	-4.099932445	3.53E-05	0.00014612	16.1079551	26.4147817	22.3003453	1.035544641	2.560492116	0	Dio3
ENSMUSG00000069305	23.77428372	4.57132997	3.56E-05	0.00014719	1.78977279	0.97832525	0	14.49762497	18.77694218	37.77439267	Hist1h4n
ENSMUSG00000055027	0.034776749	-4.845733125	3.57E-05	0.00014737	124.389209	1811.85836	201.942016	39.35069636	13.65595795	21.43952016	Smyd1
ENSMUSG00000021025	0.461762452	-1.114777229	3.57E-05	0.00014738	2305.22735	4294.84784	5015.09988	1669.297961	2066.317138	1626.340744	Nfkbia
ENSMUSG00000041729	0.442777399	-1.17534651	3.57E-05	0.00014747	306.946034	195.66505	339.460812	135.656348	95.59170566	141.9092049	Coro2b
ENSMUSG00000049036	0.160229768	-2.641785889	3.59E-05	0.00014821	34.9005694	25.4364565	23.5392534	3.106633923	4.26748686	6.125577189	Tmem121
ENSMUSG00000034551	0.241054633	-2.052567936	3.60E-05	0.00014836	56.3778429	31.306408	44.6006906	13.46208033	9.388471092	9.188365784	Hdx
ENSMUSG00000105128	41.80916359	5.385747277	3.60E-05	0.0001484	0	1.9566505	0	19.67534818	50.35634495	14.29301344	Gm42870
ENSMUSG00000057400	371.1434786	8.535833209	3.63E-05	0.00014966	0	0.97832525	1.23890807	225.7487317	1.706994744	569.6786786	Ces1c
ENSMUSG00000002835	0.424943987	-1.234655406	3.67E-05	0.00015122	91.2784123	136.965535	123.890807	40.386241	54.62383181	54.10926517	Chaf1a
ENSMUSG00000037577	0.23785289	-2.071858538	3.72E-05	0.0001529	54.5880701	54.7862139	33.450518	10.35544641	7.681476348	16.3348725	Ephx3
ENSMUSG00000074968	0.147635984	-2.759883693	3.72E-05	0.00015295	49.2187517	19.566505	28.4948857	5.177723205	5.120984232	4.083718126	Ano3
ENSMUSG00000052861	0.208798276	-2.259818292	3.72E-05	0.00015296	28.6363647	31.306408	32.2116099	7.248812487	6.827978976	5.104647658	Dnah6
ENSMUSG00000074497	4.349037885	2.120696276	3.72E-05	0.00015301	12.5284095	9.78325249	6.19454036	35.20851779	53.77033443	36.75346313	A430078G23Rik
ENSMUSG00000062044	2.531482004	1.339982228	3.74E-05	0.0001537	43.8494334	28.3714322	34.689426	80.772482	83.64274245	107.1976008	Lmtk3
ENSMUSG00000021087	0.413909585	-1.272612436	3.76E-05	0.00015435	75.1704572	96.8541996	102.82937	42.45733028	31.57940276	39.81625173	Rtn1
ENSMUSG00000070639	0.498264619	-1.005015961	3.77E-05	0.0001548	280.994328	242.624662	226.720177	124.2653569	94.73820829	156.2022183	Lrrc8b
ENSMUSG00000029086	0.238907233	-2.065477565	3.78E-05	0.00015513	40.2698878	34.2413837	38.4061503	6.213267846	8.53497372	12.25115438	Prom1
ENSMUSG00000109812	0.326616476	-1.614330525	3.79E-05	0.00015534	202.244325	368.828619	646.710014	108.7321873	149.3620401	138.8464163	Gm45640
ENSMUSG00000020017	19.93724181	4.317393931	3.79E-05	0.00015534	5.36931837	2.93497575	8.67235651	93.19901769	3.413989488	238.8975104	Hal
ENSMUSG00000003233	2.103760509	1.072970478	3.89E-05	0.00015935	625.52559	379.590196	302.29357	899.888293	929.4586381	925.9830851	Dvl3
ENSMUSG00000029638	2.482085604	1.311552873	3.95E-05	0.00016173	36.6903422	32.2847332	34.689426	86.98574985	101.5661873	68.40227861	Glcci1
ENSMUSG00000021303	0.290197012	-1.784895428	3.97E-05	0.00016241	54.5880701	56.7428644	94.1570135	26.92416067	15.3629527	17.35580204	Gng4
ENSMUSG00000023903	0.095192644	-3.393006096	3.97E-05	0.00016269	16.1079551	53.8078887	22.3003453	4.142178564	1.706994744	3.062788595	Mmp25
ENSMUSG00000022883	0.293633426	-1.767911886	4.01E-05	0.00016406	170.923302	61.6344907	126.368623	28.99524995	37.55388437	38.7953222	Robo1
ENSMUSG00000104524	0.232050976	-2.10748633	4.04E-05	0.00016504	67.1164797	163.380317	267.604144	24.85307138	50.35634495	39.81625173	Gm37333
ENSMUSG00000034755	3.456635077	1.789368304	4.05E-05	0.00016553	11.6335231	11.739903	19.8225292	52.81277669	51.20984232	42.87904032	Pcdh11x
ENSMUSG00000095385	0.101561294	-3.299577407	4.06E-05	0.00016612	18.7926143	24.4581312	22.3003453	1.035544641	3.413989488	2.041859063	D630033O11Rik
ENSMUSG00000031760	0.061386722	-4.025929552	4.07E-05	0.00016636	14.3181823	134.030559	49.5563229	5.177723205	6.827978976	0	Mt3
ENSMUSG00000089636	3.173993072	1.666298979	4.16E-05	0.00016998	58.1676157	34.2413837	18.5836211	121.158723	110.9546584	124.5534028	1700058P15Rik
ENSMUSG00000041449	0.074714342	-3.742470989	4.18E-05	0.00017038	24.1619327	21.5231555	18.5836211	3.106633923	1.706994744	0	Serpina3h
ENSMUSG00000102615	0.205713737	-2.281289958	4.24E-05	0.00017278	60.8522749	38.1546847	47.0785068	5.177723205	7.681476348	17.35580204	Gm37844
ENSMUSG00000037759	0.255743171	-1.967232379	4.29E-05	0.00017467	35.7954558	54.7862139	38.4061503	13.46208033	8.53497372	11.23022485	Ptger2
ENSMUSG00000039385	2.522337622	1.334761398	4.29E-05	0.0001747	161.974438	94.8975491	69.3788521	314.8055709	276.5331485	235.8347218	Cdh6
ENSMUSG00000024386	125.0615839	6.966494884	4.29E-05	0.00017478	0.8948864	0	0	42.45733028	0.853497372	94.94644643	Proc
ENSMUSG00000023070	135.0831862	7.077704303	4.31E-05	0.00017511	0.8948864	0	0	30.03079459	0.853497372	118.4278257	Rgn
ENSMUSG00000030889	2.434307001	1.283511124	4.33E-05	0.00017612	42.0596606	26.4147817	38.4061503	82.84357128	91.3242188	85.75808065	Vwa3a
ENSMUSG00000003348	2.341340362	1.227334675	4.36E-05	0.00017728	204.928985	166.315292	87.9624732	360.3695351	332.8639751	386.9322924	Mob3a
ENSMUSG00000022449	0.131768669	-2.92392072	4.39E-05	0.00017813	58.1676157	65.5477917	13.6279888	5.177723205	6.827978976	6.125577189	Adamts20
ENSMUSG00000031872	0.416852207	-1.26239212	4.39E-05	0.00017832	76.96023	109.572428	123.890807	44.52841956	43.52836597	40.83718126	Bean1
ENSMUSG00000060467	2.855247807	1.513615963	4.39E-05	0.00017838	16.1079551	22.5014807	24.7781615	56.95495526	57.18432392	65.33949002	Gm10080
ENSMUSG00000034765	0.446643804	-1.162803347	4.44E-05	0.00018014	119.914777	204.469977	190.791843	80.772482	79.37525559	69.42320814	Dusp5
ENSMUSG00000104125	18.55740545	4.213923113	4.45E-05	0.0001804	3.57954558	0	0	19.67534818	26.45841853	26.54416782	Gm37488
ENSMUSG00000104713	0.303327142	-1.721053496	4.51E-05	0.00018254	145.866482	431.441435	194.508567	83.87911592	59.74481604	90.86272831	Gbp6
ENSMUSG00000038352	0.467596651	-1.096663498	4.52E-05	0.00018267	115.440345	183.925147	163.535866	69.38149095	75.10776873	71.46506721	Arl5c
ENSMUSG00000021485	0.176825368	-2.499602832	4.54E-05	0.00018371	54.5880701	65.5477917	64.4232198	11.39099105	18.77694218	2.041859063	Mxd3
ENSMUSG00000034792	0.268982219	-1.894417287	4.60E-05	0.00018575	40.2698878	106.637452	89.2013812	19.67534818	22.19093167	21.43952016	Gna15
ENSMUSG00000026009	0.228044674	-2.132611616	4.64E-05	0.00018759	34.9005694	93.9192239	55.7508633	15.53316962	16.21645007	10.20929532	Icos
ENSMUSG00000027690	60.62676054	5.921882832	4.64E-05	0.00018759	1.78977279	0.97832525	0	52.81277669	0.853497372	123.5324733	Slc2a2
ENSMUSG00000041596	0.269827246	-1.88989206	4.65E-05	0.00018765	70.6960252	45.9812867	53.2730471	22.7819821	10.24196846	13.27208391	Nlrp5-ps
ENSMUSG00000075420	2.881097826	1.526618647	4.66E-05	0.000188	21.4772735	21.5231555	40.8839664	71.45258023	81.93574771	84.73715112	Smim6
ENSMUSG00000085835	32.29401022	5.013194699	4.68E-05	0.00018882	0	1.9566505	0	17.6042589	27.3119159	20.41859063	Gm12707
ENSMUSG00000074001	0.122376602	-3.030600353	4.78E-05	0.00019266	29.531251	347.305463	141.23552	18.63980354	33.28639751	11.23022485	Klhl40
ENSMUSG00000105689	0.197310017	-2.341463894	4.80E-05	0.00019317	28.6363647	28.3714322	55.7508633	6.213267846	7.681476348	8.167436252	Gm43120

ENSMUSG00000072653	0.40785313	-1.293878372	4.85E-05	0.00019513	203.139212	123.268981	128.84644	47.63505349	71.69377925	66.36041955	Zfp783
ENSMUSG00000098661	3.264168455	1.706715513	4.85E-05	0.00019519	11.6335231	16.6315292	16.1058049	41.42178564	50.35634495	52.06740611	Mir7052
ENSMUSG00000038077	0.470074412	-1.089038943	4.87E-05	0.00019571	170.028415	119.35568	161.058049	75.59475879	58.03782129	78.61157393	Kcna6
ENSMUSG00000043051	0.248653122	-2.007793549	4.89E-05	0.00019648	42.954547	33.2630585	40.8839664	13.46208033	7.681476348	8.167436252	Disc1
ENSMUSG00000034959	0.293119593	-1.770438692	5.01E-05	0.00020117	43.8494334	67.5044422	74.3344844	18.63980354	23.04442904	12.25115438	Rubcnl
ENSMUSG00000061577	0.182777947	-2.45183608	5.03E-05	0.000202	39.3750014	82.1793209	69.3788521	15.53316962	3.413989488	16.3348725	Adgrg5
ENSMUSG00000024530	2.922545912	1.547225689	5.04E-05	0.00020214	34.005683	21.5231555	55.7508633	119.0876337	100.7126899	102.0929532	Prelid3a
ENSMUSG00000104871	2.56994257	1.36173612	5.07E-05	0.00020327	134.232959	271.974419	385.300411	637.8954989	635.8555421	755.4878533	Gm42639
ENSMUSG00000086541	0.285859595	-1.806621377	5.08E-05	0.00020372	38.480115	40.1113352	39.6450583	11.39099105	10.24196846	12.25115438	Has2os
ENSMUSG00000057606	0.143932685	-2.796533847	5.13E-05	0.00020533	17.8977279	54.7862139	35.9283341	7.248812487	3.413989488	5.104647658	Colq
ENSMUSG00000001670	673.3467541	9.395205832	5.14E-05	0.00020584	0	0.97832525	0	271.3126959	1.706994744	470.648514	Tat
ENSMUSG00000023959	0.360236266	-1.472984668	5.14E-05	0.00020584	491.292631	897.124253	294.860121	192.6113032	193.7439034	220.5207788	Clic5
ENSMUSG00000036854	2.385649433	1.254382057	5.19E-05	0.00020744	809.872188	1856.86132	800.334615	2623.034576	2866.897672	2783.053903	Hspb6
ENSMUSG00000020216	0.033481118	-4.900508504	5.20E-05	0.00020807	67.1164797	1319.76076	327.071731	34.17297315	5.974481604	17.35580204	Jsrp1
ENSMUSG00000025207	3.821134777	1.934001145	5.27E-05	0.00021043	35.7954558	38.1546847	54.5119552	143.9407051	75.10776873	270.5463259	Sema4g
ENSMUSG00000001930	0.495669572	-1.012549396	5.27E-05	0.00021062	17383.1682	15815.606	8655.0118	7648.532719	5998.37953	7100.564892	Vwf
ENSMUSG00000026100	0.006863918	-7.186751888	5.37E-05	0.00021435	5.36931837	68.4827674	3.71672422	0	0	0	Mstn
ENSMUSG00000082193	10.33941166	3.37008219	5.41E-05	0.00021581	0.8948864	2.93497575	2.47781615	24.85307138	19.63043956	19.3976611	Rpl5-ps1
ENSMUSG00000036390	2.246791771	1.167866424	5.46E-05	0.0002176	226.406258	435.354736	463.351619	706.2414452	774.9756137	1043.389981	Gadd45a
ENSMUSG00000079505	0.301845964	-1.728115586	5.46E-05	0.00021772	44.7443198	96.8541996	80.5290247	23.81752674	18.77694218	24.50230876	Gm11131
ENSMUSG00000025813	0.411408668	-1.281355904	5.46E-05	0.00021778	87.6988667	91.9625734	92.9181054	47.63505349	27.3119159	37.77439267	Homer2
ENSMUSG00000076555	0.024570168	-5.346948462	5.47E-05	0.00021784	25.0568191	45.0029614	7.43344844	0	0.853497372	1.020929532	Igkv4-57-1
ENSMUSG00000093561	0.222504363	-2.168094468	5.47E-05	0.00021784	34.005683	74.3527189	107.785002	19.67534818	11.09546584	17.35580204	NA
ENSMUSG00000103032	0.246602036	-2.019743382	5.47E-05	0.00021801	30.4261374	41.0896604	49.5563229	11.39099105	11.09546584	7.146506721	Gm37121
ENSMUSG00000033831	2731.611705	11.41553671	5.54E-05	0.0002203	0	0	0	406.9690439	2.560492116	1139.357357	Fgb
ENSMUSG00000053219	0.217471414	-2.201102317	5.59E-05	0.00022229	77.8551164	52.8295634	28.4948857	9.319901769	10.24196846	15.31394297	Raet1e
ENSMUSG00000027420	0.408323488	-1.292215538	5.68E-05	0.00022569	102.911935	78.2660199	99.1126458	34.17297315	31.57940276	49.00461751	Bfsp1
ENSMUSG00000006930	0.350850677	-1.511070948	5.70E-05	0.00022659	54.5880701	87.0709471	85.484657	24.85307138	22.19093167	32.66974501	Hap1
ENSMUSG00000015224	0.373134945	-1.422230617	5.74E-05	0.0002278	150.340914	101.745826	92.9181054	52.81277669	29.87240802	46.96275845	Cyp2j9
ENSMUSG00000024036	3.028072592	1.598399791	5.77E-05	0.00022928	34.005683	59.6778402	30.9727018	80.772482	148.5085427	149.0557116	Slc37a1
ENSMUSG00000059481	378.4974049	8.564139599	5.79E-05	0.00022989	0.8948864	1.9566505	0	350.0140887	0.853497372	752.4250647	Plg
ENSMUSG00000109517	0.136412174	-2.873955697	5.94E-05	0.00023554	24.1619327	23.479806	28.4948857	2.071089282	5.974481604	2.041859063	Gm44763
ENSMUSG00000060550	0.330030944	-1.599326797	5.95E-05	0.00023608	835.823893	2607.23679	879.624732	479.4571688	521.4868943	425.7276146	H2-Q7
ENSMUSG00000022860	0.160307959	-2.641082037	5.96E-05	0.00023645	39.3750014	31.306408	18.5836211	3.106633923	5.120984232	6.125577189	Chodl
ENSMUSG00000017740	0.288426553	-1.793724106	6.02E-05	0.00023863	60.8522749	36.1980342	45.8395987	12.42653569	14.50945532	14.29301344	Slc12a5
ENSMUSG00000037542	49.72857037	5.636003051	6.05E-05	0.00023971	0.8948864	0	1.23890807	33.13742851	4.26748686	65.33949002	Aldh8a1
ENSMUSG00000046179	0.365238552	-1.453089043	6.08E-05	0.000241	59.0625021	58.6995149	63.1843117	22.7819821	17.06994744	26.54416782	E2f8
ENSMUSG00000079168	0.32133746	-1.637838921	6.18E-05	0.00024452	39.3750014	55.7645392	58.2286794	16.56871426	16.21645007	16.3348725	Cd209g
ENSMUSG00000054934	0.112959761	-3.146119149	6.22E-05	0.00024606	31.3210238	16.6315292	39.6450583	4.142178564	0.853497372	5.104647658	Kcnmb4
ENSMUSG00000002032	3.023918161	1.596419095	6.25E-05	0.00024724	20.5823871	36.1980342	19.8225292	67.31040167	67.42629239	98.00923503	Tmem25
ENSMUSG00000057074	56.42738429	5.818323569	6.25E-05	0.00024739	1.78977279	0	0	30.03079459	5.120984232	75.54878533	Ces1g
ENSMUSG00000056130	0.205781785	-2.28081281	6.28E-05	0.00024841	58.1676157	52.8295634	39.6450583	3.106633923	15.3629527	12.25115438	Ticam2
ENSMUSG00000048960	0.419279763	-1.254014896	6.31E-05	0.00024938	1581.26426	1004.74003	620.692944	523.9855884	412.2392307	409.3927421	Prex2
ENSMUSG00000036931	0.407477666	-1.295207107	6.32E-05	0.00024982	73.3806844	116.420705	87.9624732	38.31515172	40.96787385	33.69067454	Nfkbid
ENSMUSG00000009471	0.020461441	-5.610948425	6.37E-05	0.00025177	5.36931837	68.4827674	22.3003453	1.035544641	0	1.020929532	Myod1
ENSMUSG00000020000	0.34437325	-1.537955013	6.45E-05	0.00025463	89.4886395	68.4827674	65.6621278	26.92416067	17.06994744	33.69067454	Moxd1
ENSMUSG00000027474	0.478651788	-1.062951596	6.52E-05	0.00025746	1034.48867	880.492724	515.385758	448.3908296	344.8129383	371.6183495	Ccm2l
ENSMUSG00000107390	0.174175071	-2.521389943	6.62E-05	0.00026096	21.4772735	41.0896604	44.6006906	6.213267846	3.413989488	9.188365784	Gm43323
ENSMUSG00000035186	0.100228127	-3.318640672	6.67E-05	0.00026307	15.2130687	131.095583	63.1843117	10.35544641	8.53497372	2.041859063	Ubd
ENSMUSG00000056145	2.372289441	1.246280042	6.78E-05	0.00026705	96.6477307	172.185244	107.785002	244.3885353	251.7817247	398.1625173	Al504432
ENSMUSG00000074852	3.103956902	1.634108526	6.85E-05	0.0002696	68.9062524	57.7211897	22.3003453	167.7582318	120.3431294	178.662668	Hpse2
ENSMUSG00000074361	0.370535571	-1.432316047	6.86E-05	0.00026995	100.227276	100.767501	137.518796	38.31515172	28.16541327	59.21391283	C5ar2
ENSMUSG00000090098	0.123337633	-3.019315031	6.88E-05	0.00027089	20.5823871	22.5014807	19.8225292	3.106633923	1.706994744	3.062788595	Alms1-ps2
ENSMUSG00000038765	0.082951452	-3.591588951	6.91E-05	0.00027201	31.3210238	16.6315292	23.5392534	3.106633923	0	3.062788595	Lmx1b
ENSMUSG00000020173	2.353564763	1.234847552	6.93E-05	0.0002727	126.178982	265.126142	136.279888	409.0401332	477.1050309	356.3044065	Cobl
ENSMUSG00000032942	0.334168604	-1.581351901	7.04E-05	0.0002766	129.758527	274.909395	139.996612	50.74168741	46.94235546	84.73715112	Ucp3
ENSMUSG00000043448	0.304952244	-1.713344763	7.09E-05	0.00027825	50.1136381	45.0029614	74.3344844	13.46208033	21.3374343	16.3348725	Gjc2
ENSMUSG00000043913	5.755822908	2.525022205	7.12E-05	0.0002793	17.0028415	1.9566505	23.5392534	75.59475879	94.73820829	71.46506721	Ccdc60
ENSMUSG00000031382	0.094728826	-3.400052679	7.13E-05	0.0002796	25.9517055	242.624662	32.2116099	14.49762497	5.974481604	8.167436252	Asb11
ENSMUSG00000029556	111.375404	6.799286854	7.27E-05	0.00028454	0	0	0	22.7819821	1.706994744	38.7953222	Hnf1a
ENSMUSG00000070645	0.060508338	-4.046722238	7.28E-05	0.0002849	98.4375035	21.5231555	8.67235651	4.142178564	1.706994744	2.041859063	Ren1
ENSMUSG00000072844	0.367735202	-1.443260807	7.29E-05	0.00028507	93.9630715	68.4827674	118.935175	24.85307138	39.26087911	38.7953222	G530011O06Rik
ENSMUSG00000076934	0.199090782	-2.328501669	7.28E-05	0.00028507	74.2755708	191.751749	55.7508633	23.81752674	29.87240802	10.20929532	Iglv1
ENSMUSG00000038763	0.150728206	-2.729978678	7.30E-05	0.00028548	59.9573885	442.203012	79.2901166	30.03079459	23.04442904	34.71160407	Alpk3
ENSMUSG00000097633	0.289493103	-1.78839912	7.33E-05	0.00028668	42.0596606	38.1546847	60.7064956	12.42653569	11.94896321	16.3348725	Gm16617
ENSMUSG00000001508	2.311561928	1.208868014	7.40E-05	0.00028918	258.622168	576.233571	270.08196	824.2935343	880.8092879	850.4342998	Sgca
ENSMUSG00000029597	3.838401805	1.940505741	7.42E-05	0.00028995	17.0028415	12.7182282	7.43344844	39.35069636	43.52836597	62.27670142	Sds
ENSMUSG00000044365	2.243181176	1.165546148	7.49E-05	0.00029228	47.428979	36.1980342	52.0341391	117.0165444	89.61722406	96.98830549	Cxxc4
ENSMUSG00000099906	0.041214294	-4.600711419	7.51E-05	0.00029313	10.7386367	44.0246362	42.1228745	4.142178564	0	0	Gm28653
ENSMUSG00000028581	0.397198508	-1.332067891	7.61E-05	0.00029648	1762.9262	3952.434	4779.70734	1289.253078	1097.59762	1781.522033	Laptm5
ENSMUSG00000000682	0.364922588	-1.454337642	7.71E-05	0.0003001	510.980132	1319.76076	1046.87732	447.3552849	384.9273148	217.4579902	Cd52
ENSMUSG00000085888	0.030669844	-5.027035341	7.77E-05	0.00030241	16.1079551	107.615777	6.19454036	2.071089282	0	2.041859063	Gm12224
ENSMUSG00000104343	30.08052047	4.910757624	7.78E-05	0.00030266	1.78977279	0	0	17.6042589	23.89792642	18.37673157	5730408A14Rik
ENSMUSG00000027843	0.379548019	-1.397645672	7.80E-05	0.0003034	98.4375035	196.643375	109.02391	52.81277669	54.62383181	45.94182892	Ptpn22
ENSMUSG00000021260	0.285817002	-1.806836355	7.88E-05	0.00030606	150.340914	82.1793209	52.0341391	26.92416067	28.16541327	26.54416782	Hhipl1
ENSMUSG00000050711	0.093125058	-3.42468677	7.88E-05	0.00030606	29.531251	16.6315292	26.0170695	4.142178564	2.560492116	0	Scg2
ENSMUSG00000078958	11.27631079	3.495223241	7.92E-05	0.00030718	6.26420477	0.97832525	0	35.20851779	26.45841853	25.52323829	Atp6ap1l
ENSMUSG00000098055	0.066986719	-3.899981102	8.04E-05	0.00031148	18.7926143	26.4147817	12.3890807	1.035544641	0.853497372	2.041859063	Gm26947
ENSMUSG00000053702	2.320508754	1.21444114	8.08E-05	0.00031282	97.5426171	110.550753	61.9454036	211.2511068	260.3166985	157.2231479	Nebl
ENSMUSG00000028278	0.19915282	-2.328052188	8.12E-05	0.00031425	141.39205	857.012918	175.924946	77.66584808	77.66826085	78.61157393	Rragd
ENSMUSG00000025355	0.425645878	-1.232274436	8.15E-05	0.0003153	933.36651	572.32027	548.836276	314.8055709	184.3554323	376.7229971	Mmp19
ENSMUSG00000030643	0.478263796	-1.06412151	8.17E-05	0.00031599	514.559677	324.803983	275.037592	196.7534818	163.8714954	173.5580204	Rab30
ENSMUSG00000063683	28.20705135	4.817983955	8.22E-05	0.00031776	1.78977279	1.9566505	1.23890807	46.59950885	1.706994744	93.9255169	Glyat
ENSMUSG00000037224	2.107153795	1.075295616	8.24E-05	0.00031851	75.1704572	48.9162624	70.6177601	118.0520891	147.6550454	143.9510639	Zfyve28
ENSMUSG00000005681	81.98246666	6.357243493	8.26E-05	0.00031926	11.6335231	9.78325249	8.67235651	650.3220346	3.413989488	1815.212707	Apoa2
ENSMUSG00000036244	6.542272461	2.709791843	8.28E-05	0.00031992	8.94886395	1.9566505	3.71672422	24.85307138	40.96787385	31.64881548	Tbc1d21
ENSMUSG00000024209	2.470667868	1.304901082	8.32E-05	0.00032119	33.1107966	24.4581312	24.7781615	66.27485703	70.84028187	67.38134908	1700061G19Rik
ENSMUSG00000017718	2.039545714	1.028247844	8.39E-05	0.00032362	69.8011388	59.6778402	55.7508633	124.2653569	108.3941662	147.0138525	Afmid
ENSMUSG00000027454	0.278149567	-1.846067233	8.40E-05	0.0003241	49.2187517	66.5261169	94.1570135	28.99524995	17.06994744	12.25115438	Gins1
ENSMUSG00000034773	0.123545081	-3.016890529	8.48E-05	0.00032674	19.6875007	22.5014807	28.4948857	5.177723205	2.560492116	1.020929532	BC030867
ENSMUSG00000000305	2.254230949	1.172635329	8.51E-05	0.00032793	35.7954558	41.0896604	44.6006906	79.73693736	106.6871715	85.75808065	Cdh4
ENSMUSG00000066366	231.356472	7.853973647	8.53E-05	0.00032849	0	2.93497575	4.95563229	478.4216242	3.413989488	1320.061884	Serpina1a
ENSMUSG00000049303	0.287645755	-1.797634914	8.53E-05	0.00032853	170.923302	63.5911412	84.2457489	34.17297315	34.13989488	23.48137923	Syt12

ENSMUSG00000018648	2.096094857	1.067704006	8.57E-05	0.00032992	61.7471613	95.8758744	110.262818	167.7582318	190.3299139	200.1021882	Dusp14
ENSMUSG00000026715	44.84230143	5.486788418	8.57E-05	0.00033008	8.05397756	4.89162624	14.8668969	337.587553	10.24196846	894.3342696	Serpinc1
ENSMUSG00000051504	0.211256778	-2.242930463	8.60E-05	0.00033115	40.2698878	77.2876946	138.757704	15.53316962	11.09546584	27.56509735	Siglech
ENSMUSG00000028040	0.391138933	-1.354246949	8.63E-05	0.00033203	84.1193212	58.6995149	95.3959216	28.99524995	34.13989488	29.60695641	Efna4
ENSMUSG00000031698	5.803010567	2.536801556	8.63E-05	0.00033217	4.47443198	4.89162624	4.95563229	31.06633923	33.28639751	18.37673157	Mylk3
ENSMUSG00000024164	0.223127898	-2.164057191	8.68E-05	0.00033392	20333.6087	17688.1205	13356.6679	3865.688145	1394.614706	6204.188763	C3
ENSMUSG00000033860	1267.298399	10.30754055	8.77E-05	0.00033655	1.78977279	0	0	623.3978739	0.853497372	1733.538345	Fgg
ENSMUSG00000079164	0.19410839	-2.365065619	8.77E-05	0.00033655	90.3835259	44.0246362	49.5563229	19.67534818	4.26748686	12.25115438	Tlr5
ENSMUSG00000080115	0.238435883	-2.068326727	8.81E-05	0.00033798	42.0596606	30.3280827	64.4232198	7.248812487	12.80246058	12.25115438	Mettl21b
ENSMUSG00000050107	0.240186457	-2.057773289	9.06E-05	0.00034694	35.7954558	45.0029614	29.7337937	8.284357128	11.94896321	6.125577189	Haspin
ENSMUSG00000079053	0.114525374	-3.126260827	9.07E-05	0.00034746	13.4232959	44.0246362	37.1672422	6.213267846	1.706994744	3.062788595	Gm14010
ENSMUSG00000025128	0.168330068	-2.570635195	9.18E-05	0.00035125	39.3750014	18.5881797	33.450518	3.106633923	5.120984232	7.146506721	Bhlhe22
ENSMUSG00000042357	0.202854193	-2.301484973	9.19E-05	0.00035182	32.2159102	52.8295634	63.1843117	16.56871426	9.388471092	4.083718126	Gjb5
ENSMUSG00000025991	491.0383009	8.939691749	9.24E-05	0.00035335	1.78977279	3.91330099	1.23890807	870.8930431	0	2550.28197	Cps1
ENSMUSG00000037096	2.63533226	1.397984867	9.35E-05	0.00035738	21.4772735	20.5448302	21.0614372	57.9904999	57.18432392	51.04647658	Gm9762
ENSMUSG00000024268	0.300373133	-1.73517232	9.36E-05	0.00035773	43.8494334	90.9842481	101.590462	28.99524995	20.48393693	21.43952016	Celf4
ENSMUSG00000107529	0.28914277	-1.790146065	9.38E-05	0.0003585	44.7443198	70.4394179	112.740635	25.88861603	21.3374343	18.37673157	Gm44291
ENSMUSG00000050860	3.374394563	1.754628675	9.61E-05	0.00036706	32.2159102	66.5261169	21.0614372	132.5497141	100.7126899	173.5580204	Phospho1
ENSMUSG00000085925	0.134089598	-2.898730775	9.69E-05	0.00036962	26.8465919	31.306408	91.3064408	11.39099105	2.560492116	6.125577189	Rtl1
ENSMUSG00000085862	4.755643219	2.249640484	9.80E-05	0.00037368	10.7386367	5.86995149	6.19454036	28.99524995	29.87240802	51.04647658	Gm13483
ENSMUSG00000030125	0.187630755	-2.414031768	9.92E-05	0.00037798	34.9005694	22.5014807	28.4948857	4.142178564	7.681476348	4.083718126	Lrrc23
ENSMUSG00000030553	3.029261335	1.598966045	0.00010152	0.00038633	26.8465919	55.7645392	19.8225292	103.5544641	101.5661873	107.1976008	Pgpep1l
ENSMUSG00000100210	12.62032892	3.657677606	0.00010156	0.00038642	1.78977279	0.97832525	2.47781615	12.42653569	18.77694218	33.69067454	Hist1h3f
ENSMUSG00000014837	0.33628431	-1.572246625	0.00010162	0.00038654	56.3778429	47.9379372	45.8395987	16.56871426	20.48393693	13.27208391	4931428F04Rik
ENSMUSG00000028427	0.423643557	-1.239077166	0.0001029	0.000391	182.556825	129.138933	263.887419	94.23456233	71.69377925	77.5906444	Aqp7
ENSMUSG00000046480	0.22663048	-2.141586187	0.000104	0.00039472	186.13637	882.449374	240.348166	137.7274373	62.30530815	96.98830549	Scn4b
ENSMUSG00000000686	0.238279676	-2.069272195	0.00010479	0.00039763	125.284095	51.8512382	52.0341391	26.92416067	12.80246058	15.31394297	Abhd15
ENSMUSG00000081382	10.73935112	3.424834922	0.00010487	0.00039786	0.8948864	1.9566505	3.71672422	31.06633923	23.04442904	13.27208391	Rpl18-ps1
ENSMUSG00000030701	0.407333417	-1.295717919	0.00010615	0.00040205	274.730123	564.493668	271.320868	181.2203122	123.7571189	148.0347821	Plekhb1
ENSMUSG00000025478	0.175000367	-2.51457015	0.0001062	0.00040218	23.2670463	21.5231555	27.2559776	4.142178564	3.413989488	5.104647658	Dpysl4
ENSMUSG00000039886	0.487466698	-1.036624431	0.00010663	0.0004036	976.321057	709.285805	1522.61802	546.7675705	492.4679836	523.7368497	Tmem120a
ENSMUSG00000001155	7.780428015	2.959849523	0.00010766	0.00040717	6.26420477	4.89162624	9.91126458	37.27960708	17.92344481	107.1976008	Ftcd
ENSMUSG00000046844	0.320656392	-1.640899927	0.00010854	0.0004103	64.4318205	45.0029614	42.1228745	15.53316962	18.77694218	14.29301344	Vat1l
ENSMUSG00000027603	2.055085193	1.039198202	0.00010874	0.00041087	108.281254	94.8975491	83.0068409	154.2961515	183.501935	252.1695943	Ggt7
ENSMUSG00000098202	0.144583413	-2.790026047	0.00010901	0.00041171	24.1619327	57.7211897	144.952244	15.53316962	5.120984232	12.25115438	B830012L14Rik
ENSMUSG00000021098	2.85603941	1.514015887	0.00011013	0.00041574	28.6363647	18.5881797	26.0170695	50.74168741	72.54727662	85.75808065	4930447C04Rik
ENSMUSG00000070323	0.26125538	-1.936467347	0.00011017	0.00041581	57.2727293	40.1113352	47.0785068	19.67534818	11.09546584	7.146506721	Mmp27
ENSMUSG00000025127	14.36799049	3.844786395	0.00011164	0.00042069	2.68465919	0	4.95563229	30.03079459	11.94896321	64.31856049	Gcgr
ENSMUSG00000045871	0.282510143	-1.823625427	0.0001121	0.00042223	103.806822	57.7211897	48.3174148	26.92416067	14.50945532	18.37673157	Slitrk6
ENSMUSG00000062713	0.035619817	-4.811176089	0.00011243	0.00042338	7.15909116	81.2009956	16.1058049	1.035544641	2.560492116	0	Sim2
ENSMUSG00000024675	0.282908956	-1.821590246	0.00011299	0.00042511	110.071027	505.794154	325.832823	93.19901769	96.44520303	76.56971486	Ms4a4c
ENSMUSG00000073413	3.347430237	1.743053989	0.00011362	0.0004273	11.6335231	12.7182282	14.8668969	34.17297315	52.06333969	43.89996986	Ly6g6d
ENSMUSG00000037994	0.469920403	-1.089511687	0.00011482	0.00043153	137.812505	91.9625734	136.279888	61.09713382	53.77033443	57.17205377	Slc9b2
ENSMUSG00000086763	0.150985094	-2.727521969	0.00011671	0.00043845	15.2130687	41.0896604	33.450518	6.213267846	4.26748686	3.062788595	Plxna4os1
ENSMUSG00000038201	0.012824499	-6.284953689	0.00011758	0.00044131	17.8977279	270.017769	27.2559776	3.106633923	0	1.020929532	Kcna7
ENSMUSG00000027510	2.189473874	1.130584235	0.00011781	0.00044199	263.991487	602.648353	332.027363	806.6892754	863.7393404	954.569112	Rbm38
ENSMUSG00000004961	0.174917729	-2.515251576	0.00012188	0.00045633	28.6363647	23.479806	26.0170695	7.248812487	2.560492116	4.083718126	Syt5
ENSMUSG00000004814	0.343401799	-1.542030496	0.000122	0.00045657	51.9034109	82.1793209	70.6177601	31.06633923	17.06994744	22.46044969	Ccl24
ENSMUSG00000067261	0.310159281	-1.688918798	0.00012363	0.00046229	49.2187517	51.8512382	43.3617825	20.71089282	10.24196846	14.29301344	Foxd3
ENSMUSG00000000204	0.250913778	-1.994736405	0.00012501	0.00046684	149.446028	773.855272	267.604144	110.8032766	75.96126611	112.3022485	Slfn4
ENSMUSG00000049097	2.499370971	1.321565051	0.00012515	0.00046725	48.3238654	34.2413837	32.2116099	70.41703559	107.5406689	110.2603894	Ankrd34a
ENSMUSG00000040441	0.433801959	-1.204891528	0.00012577	0.00046936	88.5937531	81.2009956	64.4232198	31.06633923	34.13989488	36.75346313	Slc26a10
ENSMUSG00000034997	2.601974362	1.379606747	0.00012585	0.00046944	64.4318205	43.0463109	26.0170695	111.8388212	112.6616531	126.5952619	Htr2a
ENSMUSG00000022586	0.120739442	-3.050031052	0.00012777	0.00047641	14.3181823	80.2226704	35.9283341	6.213267846	2.560492116	7.146506721	Ly6i
ENSMUSG00000041476	0.023110756	-5.435291755	0.00012806	0.00047726	47.428979	608.518305	130.085348	15.53316962	1.706994744	1.020929532	Smpx
ENSMUSG00000035683	0.424572816	-1.23591609	0.00012928	0.0004813	75.1704572	67.5044422	64.4232198	28.99524995	33.28639751	25.52323829	Melk
ENSMUSG00000038037	0.39116064	-1.354166886	0.00012971	0.00048268	124.389209	235.776385	319.638283	83.87911592	90.47072143	90.86272831	Socs1
ENSMUSG00000110676	12.41352579	3.633841035	0.00013166	0.00048911	3.57954558	0.97832525	0	19.67534818	17.92344481	23.48137923	Gm45897
ENSMUSG00000060680	7.454522823	2.898116006	0.00013293	0.00049335	2.68465919	5.86995149	1.23890807	19.67534818	32.43290013	22.46044969	Gm8894
ENSMUSG00000030428	0.460674866	-1.118179207	0.00013399	0.00049707	85.0142076	115.442379	102.82937	46.59950885	53.77033443	38.7953222	Ttyh1
ENSMUSG00000048621	0.395231143	-1.339231463	0.00013597	0.00050388	54.5880701	69.4610927	70.6177601	20.71089282	27.3119159	28.58602688	Gm6377
ENSMUSG00000035456	0.203952609	-2.29369413	0.0001367	0.00050633	25.9517055	41.0896604	33.450518	5.177723205	4.26748686	11.23022485	Prdm8
ENSMUSG00000003279	2.231396269	1.157946742	0.00013968	0.00051692	36.6903422	66.5261169	52.0341391	107.6966427	114.3686478	123.5324733	Dlgap1
ENSMUSG00000026068	0.410514346	-1.284495455	0.00014123	0.00052231	68.9062524	108.594103	86.7235651	33.13742851	31.57940276	43.89996986	Il18rap
ENSMUSG00000024388	5.439871385	2.443572542	0.00014295	0.00052859	5.36931837	4.89162624	3.71672422	32.10188387	20.48393693	24.50230876	Myo7b
ENSMUSG00000045709	0.183810518	-2.443708772	0.00014377	0.00053127	21.4772735	31.306408	29.7337937	3.106633923	7.681476348	4.083718126	Smkr-ps
ENSMUSG00000048911	2.321662536	1.215158285	0.00014479	0.00053469	380.326718	180.011846	162.296958	558.1585615	590.6201814	532.9252155	Rnf24
ENSMUSG00000031736	0.153196302	-2.706546622	0.00014689	0.00054207	31.3210238	56.7428644	28.4948857	7.248812487	9.388471092	1.020929532	Crnde
ENSMUSG00000107585	0.025506512	-5.292990555	0.00014834	0.00054708	6.26420477	45.9812867	24.7781615	0	0	2.041859063	3300002P13Rik
ENSMUSG00000000296	3.534909581	1.821673313	0.00014983	0.00055233	30.4261374	66.5261169	14.8668969	121.158723	139.973569	136.8045572	Tpd52l1
ENSMUSG00000101111	2.311081178	1.208567936	0.00015206	0.00055992	68.0113661	128.160608	152.385693	316.8766602	231.2977878	254.2114533	Gm28437
ENSMUSG00000019852	0.227082212	-2.138713392	0.00015308	0.00056345	36.6903422	24.4581312	56.9897713	7.248812487	11.09546584	8.167436252	Arfgef3
ENSMUSG00000051716	53.45394429	5.740224501	0.00015379	0.00056595	0.8948864	0.97832525	1.23890807	44.52841956	0	120.4696847	Apon
ENSMUSG00000001739	0.460281021	-1.11941314	0.00015432	0.00056776	84.1193212	79.2443451	102.82937	35.20851779	40.96787385	45.94182892	Cldn15
ENSMUSG00000050578	0.021078388	-5.568091631	0.00015506	0.00057012	17.8977279	239.689686	224.242361	3.106633923	0	7.146506721	Mmp13
ENSMUSG00000090386	0.431184456	-1.213622925	0.00015648	0.0005751	871.619349	1489.01103	2446.84344	656.5353024	690.4793739	724.8599674	Mir99ahg
ENSMUSG00000028438	2.834605973	1.503148206	0.00015701	0.00057677	23.2670463	29.3497575	13.6279888	66.27485703	55.47732918	68.40227861	Kif24
ENSMUSG00000000094	0.124858357	-3.001635709	0.00015714	0.00057713	19.6875007	24.4581312	17.344713	1.035544641	2.560492116	4.083718126	Tbx4
ENSMUSG00000046463	0.109667502	-3.188792021	0.00015723	0.00057734	33.1107966	22.5014807	14.8668969	1.035544641	1.706994744	5.104647658	5930403N24Rik
ENSMUSG00000002204	0.350713077	-1.511636868	0.00015785	0.00057948	143.181823	219.144856	161.058049	59.02604454	92.17771617	31.64881548	Napsa
ENSMUSG00000034923	11.49046038	3.522364697	0.00015892	0.00058302	0	5.86995149	1.23890807	25.88861603	20.48393693	35.7325336	Ly6g6f
ENSMUSG00000068614	0.156235269	-2.67820793	0.00016358	0.00059883	788.394914	3362.50388	884.580364	251.6373478	191.1834113	344.0532521	Actc1
ENSMUSG00000050377	0.22514504	-2.151073397	0.00016417	0.00060075	122.599436	65.5477917	32.2116099	21.74643746	11.94896321	16.3348725	Il31ra
ENSMUSG00000062345	3.199386746	1.677795398	0.00016768	0.00061306	18.7926143	16.6315292	29.7337937	62.13267846	48.6493502	95.96737596	Serpinb2
ENSMUSG00000053007	2.007611716	1.005480271	0.00016839	0.00061537	506.5057	695.589252	1081.56675	1379.345462	1743.695131	1455.845512	Creb5
ENSMUSG00000036560	0.342619735	-1.545319843	0.00016975	0.00062007	259.517055	124.247307	97.8737377	51.77723205	49.50284757	64.31856049	Lgi4
ENSMUSG00000075265	5.129095227	2.358704357	0.0001701	0.00062124	10.7386367	3.91330099	3.71672422	38.31515172	30.72590539	27.56509735	Tnk2os
ENSMUSG00000030329	0.419056098	-1.254784708	0.0001703	0.0006217	66.2215933	68.4827674	68.139944	35.20851779	26.45841853	23.48137923	Pianp
ENSMUSG00000065987	0.276095155	-1.856762525	0.00017122	0.00062492	57.2727293	32.2847332	48.3174148	13.46208033	16.21645007	8.167436252	Cd209b
ENSMUSG00000019214	0.440931892	-1.181372266	0.00017152	0.00062587	85.909094	72.3960684	66.9010359	37.27960708	29.87240802	32.66974501	Chtf18
ENSMUSG00000022212	2.500933527	1.322466712	0.0001718	0.00062662	25.9517055	20.5448302	33.450518	60.06158918	71.69377925	66.36041955	Cpne6
ENSMUSG00000037601	0.447302857	-1.160676121	0.00017235	0.0006285	410.752855	723.960684	1046.87732	325.1610173	326.0359961	323.6346615	Nme1
ENSMUSG00000026080	2.571830906	1.362795791	0.00017383	0.00063374	43.8494334	28.3714322	21.0614372	85.9502052	80.22875297	76.56971486	Chst10

ENSMUSG00000048827	2.085289835	1.060247918	0.00017533	0.00063881	46.5340926	50.8729129	52.0341391	96.30565161	89.61722406	125.5743324	Pkd1l3
ENSMUSG00000103114	0.176542361	-2.501913697	0.00017581	0.00064041	21.4772735	29.3497575	19.8225292	3.106633923	4.26748686	5.104647658	Gm32200
ENSMUSG00000026011	0.142006402	-2.815972119	0.00017613	0.00064145	20.5823871	45.0029614	29.7337937	8.284357128	4.26748686	1.020929532	Ctla4
ENSMUSG00000032532	3.738124722	1.902314705	0.00017638	0.00064222	8.05397756	8.80492724	13.6279888	28.99524995	39.26087911	43.89996986	Cck
ENSMUSG00000050896	0.209057572	-2.258027795	0.00017803	0.00064741	32.2159102	29.3497575	52.0341391	10.35544641	3.413989488	10.20929532	Rtn4rl2
ENSMUSG00000049122	0.339300656	-1.559363876	0.00017895	0.00065045	64.4318205	70.4394179	50.795231	16.56871426	16.21645007	30.62788595	Frmd3
ENSMUSG00000097804	0.104784739	-3.254499475	0.00017932	0.00065154	13.4232959	31.306408	18.5836211	1.035544641	3.413989488	2.041859063	Gm16685
ENSMUSG00000027297	6.602443832	2.723000123	0.00017969	0.00065274	6.26420477	1.9566505	2.47781615	20.71089282	28.16541327	23.48137923	Ltk
ENSMUSG00000048142	0.481801101	-1.053490405	0.0001822	0.00066129	400.909105	240.668011	496.802137	198.8245711	171.5529718	177.6417385	Nat8l
ENSMUSG00000109097	0.241569743	-2.049488327	0.00018422	0.00066806	43.8494334	35.219709	24.7781615	11.39099105	6.827978976	7.146506721	Gm29683
ENSMUSG00000102850	13.6514167	3.770978772	0.00018584	0.00067367	0.8948864	0.97832525	3.71672422	8.284357128	34.13989488	29.60695641	Gm37082
ENSMUSG00000030785	0.037094237	-4.752661132	0.000188	0.00068102	75.1704572	1119.20408	193.269659	37.27960708	5.120984232	9.188365784	Cox6a2
ENSMUSG00000023919	2.070640174	1.050076871	0.00018817	0.0006812	71.5909116	87.0709471	47.0785068	143.9407051	145.9480506	138.8464163	Cenpq
ENSMUSG00000036381	0.341252319	-1.551089245	0.00019114	0.00069121	49.2187517	112.507404	87.9624732	25.88861603	32.43290013	26.54416782	P2ry14
ENSMUSG00000032179	0.213824218	-2.225502832	0.00019259	0.00069614	124.389209	46.9596119	40.8839664	22.7819821	13.65595795	9.188365784	Bmp5
ENSMUSG00000027887	0.064717867	-3.949692124	0.00019268	0.00069632	110.965913	1780.55195	283.709949	54.88386597	46.08885809	39.81625173	Sypl2
ENSMUSG00000089665	0.27922514	-1.840499255	0.00019275	0.00069643	68.9062524	52.8295634	105.307186	24.85307138	10.24196846	28.58602688	Fcor
ENSMUSG00000033249	0.498788459	-1.00350001	0.00019296	0.00069706	101.122163	107.615777	100.351554	61.09713382	50.35634495	42.87904032	Hsf4
ENSMUSG00000058498	2.765720407	1.467655319	0.00019342	0.00069842	40.2698878	19.566505	21.0614372	82.84357128	71.69377925	71.46506721	Rnf207
ENSMUSG00000041193	6.044117722	2.59553176	0.00019446	0.00070187	2.68465919	8.80492724	2.47781615	26.92416067	23.89792642	34.71160407	Pla2g5
ENSMUSG00000058603	3.15111526	1.655862525	0.00019474	0.00070272	12.5284095	18.5881797	23.5392534	66.27485703	64.0123029	39.81625173	Rpl28-ps1
ENSMUSG00000087187	4.771200847	2.254352419	0.00019884	0.00071692	7.15909116	17.6098545	17.3449713	72.48812487	28.16541327	99.03016456	Gm13431
ENSMUSG00000026383	2.015875416	1.011406481	0.00019922	0.00071815	127.968755	90.9842481	70.6177601	186.3980354	217.6418299	182.7463861	Epb41l5
ENSMUSG00000020475	0.065776169	-3.926291211	0.00019971	0.0007196	414.332401	5912.9978	965.109389	194.6823925	118.6361347	166.4115136	Pgam2
ENSMUSG00000022304	17.36874174	4.118421338	0.00020021	0.0007211	3.57954558	2.93497575	0	39.35069636	5.120984232	73.50692627	Dpys
ENSMUSG00000034382	0.294930701	-1.761552085	0.00020278	0.00072941	74.2755708	69.4610927	97.8737377	22.7819821	11.09546584	37.77439267	AI661453
ENSMUSG00000027048	723.5992205	9.499047044	0.00020392	0.00073305	0	0	0	101.4833748	2.560492116	306.2788595	Abcb11
ENSMUSG00000028996	0.321445474	-1.637354057	0.00020502	0.00073669	53.6931837	67.5044422	104.068278	24.85307138	31.57940276	15.31394297	Rbp7
ENSMUSG00000020205	0.477523383	-1.066356716	0.00020608	0.00074034	400.909105	520.469032	831.307317	256.815071	247.5142379	331.8020977	Phlda1
ENSMUSG00000010021	0.202294561	-2.305470563	0.00020749	0.00074508	17.8977279	55.7645392	45.8395987	7.248812487	7.681476348	9.188365784	Kif19a
ENSMUSG00000027253	0.425498948	-1.232772528	0.00020932	0.00075104	406.278424	312.085754	267.604144	166.7226872	78.52175822	175.5998794	Lrp4
ENSMUSG00000097462	2.429539355	1.280682802	0.00021212	0.00076041	92.1732987	77.2876946	35.9283341	160.5094194	174.9669613	167.4324432	9530026P05Rik
ENSMUSG00000081769	0.481555404	-1.054226302	0.00021362	0.00076546	128.863641	214.253229	218.047821	79.73693736	100.7126899	88.82086924	Gm12216
ENSMUSG00000063193	0.405015162	-1.303952176	0.00021395	0.00076641	156.605119	231.863084	192.030751	117.0165444	50.35634495	68.40227861	Cd300lb
ENSMUSG00000022218	0.206251322	-2.277524727	0.0002142	0.00076707	26.8465919	35.219709	45.8395987	3.106633923	6.827978976	12.25115438	Tgm1
ENSMUSG00000073274	10.16682809	3.345797743	0.00021478	0.00076867	0.8948864	3.91330099	1.23890807	24.85307138	12.80246058	24.50230876	Gm14636
ENSMUSG00000019990	0.483705325	-1.047799676	0.0002152	0.00076984	564.673315	540.035537	640.515474	250.6018031	186.9159245	407.3508831	Pde7b
ENSMUSG00000086826	2.117665756	1.082474898	0.00021516	0.00076984	41.1647742	39.1330099	43.3617825	72.48812487	94.73820829	93.9255169	Gm11739
ENSMUSG00000085604	0.382215394	-1.38754221	0.00021623	0.00077338	81.434662	69.4610927	73.0955763	41.42178564	22.19093167	22.46044969	Dhx58os
ENSMUSG00000029591	0.379796825	-1.39670025	0.00021765	0.00077812	59.9573885	79.2443451	105.307186	23.81752674	29.87240802	38.7953222	Ung
ENSMUSG00000078815	0.036368784	-4.781155497	0.00021939	0.00078418	18.7926143	370.785269	71.8566682	11.39099105	3.413989488	2.041859063	Cacng6
ENSMUSG00000103932	0.251344217	-1.992263599	0.00021962	0.00078482	81.434662	196.643375	462.112711	62.13267846	51.20984232	72.48599674	Gm36963
ENSMUSG00000036469	0.395398699	-1.338619971	0.00022156	0.00079127	226.406258	256.321215	218.047821	67.31040167	148.5085427	60.23484236	1-Mar
ENSMUSG00000060063	0.491252037	-1.025464706	0.00022174	0.00079172	614.786954	1373.56865	1062.98313	510.523508	452.3536071	535.9880041	Alox5ap
ENSMUSG00000044288	0.278524624	-1.844123216	0.00022297	0.00079594	92.1732987	35.219709	66.9010359	17.6042589	23.04442904	13.27208391	Cnr1
ENSMUSG00000058207	69.45222263	6.117948959	0.00022537	0.00080416	27.7414783	9.78325249	19.8225292	1094.570686	4.26748686	2885.146856	Serpina3k
ENSMUSG00000099041	2.434500239	1.283625642	0.00022937	0.0008171	66.2215933	41.0896604	33.450518	119.0876337	133.14559	92.90458737	Gm28035
ENSMUSG00000109038	0.192528837	-2.376853545	0.00022942	0.0008171	19.6875007	42.0679857	38.4061503	9.319901769	6.827978976	3.062788595	Gm45120
ENSMUSG00000101655	0.149161124	-2.745056525	0.00022983	0.00081802	34.9005694	298.389201	59.4675875	12.42653569	19.63043956	26.54416782	2310040G24Rik
ENSMUSG00000032204	3.457896587	1.789894724	0.00023042	0.00081979	17.8977279	23.479806	33.450518	94.23456233	43.52836597	119.4487552	Aqp9
ENSMUSG00000037334	0.084815453	-3.559529046	0.0002304	0.00081979	25.0568191	20.5448302	9.91126458	1.035544641	2.560492116	1.020929532	H2-M1
ENSMUSG00000026443	0.377458886	-1.405608585	0.00023922	0.0008502	85.0142076	56.7428644	80.5290247	37.27960708	20.48393693	26.54416782	Lrrn2
ENSMUSG00000025429	0.23811451	-2.070272559	0.00023947	0.0008509	55.4829565	121.312331	35.9283341	16.56871426	11.94896321	22.46044969	Pstpip2
ENSMUSG00000046959	4.231563473	2.081190807	0.0002431	0.00086326	25.0568191	13.6965535	7.43344844	67.31040167	37.55388437	93.9255169	Slc26a1
ENSMUSG00000084168	6.562884272	2.714329993	0.00024694	0.00087598	2.68465919	11.739903	1.23890807	33.13742851	35.84688962	35.7325336	Atp5l2-ps
ENSMUSG00000093838	0.021298972	-5.553072391	0.00024764	0.00087809	74.2755708	4.89162624	13.6279888	2.071089282	0	0	Ighv3-1
ENSMUSG00000031489	0.411840852	-1.279841152	0.00024781	0.0008785	389.275582	404.048328	936.614503	272.3482406	205.6928666	233.7928627	Adrb3
ENSMUSG00000047497	0.124992572	-3.000085739	0.0002494	0.00088376	957.528443	373.720245	113.979543	67.31040167	67.42629239	45.94182892	Adamts12
ENSMUSG00000034634	3.808725185	1.929308195	0.0002509	0.00088873	11.6335231	32.2847332	29.7337937	79.73693736	143.3875585	55.1301947	Ly6d
ENSMUSG00000086845	4.409413819	2.140586879	0.00025098	0.00088882	4.47443198	12.7182282	9.91126458	38.31515172	27.3119159	53.08833564	Gm13010
ENSMUSG00000109780	3.484297506	1.800867813	0.0002515	0.00089048	8.94886395	11.739903	12.3890807	46.59950885	39.26087911	28.58602688	Gm45447
ENSMUSG00000008318	0.396434444	-1.334845779	0.00025319	0.00089582	80.5397756	188.816773	144.952244	51.77723205	58.03782129	54.10926517	Relt
ENSMUSG00000082035	10.48805496	3.390675245	0.0002532	0.00089582	0	3.91330099	2.47781615	21.74643746	28.16541327	15.31394297	Rpl17-ps8
ENSMUSG00000000791	0.144013689	-2.795722141	0.00025434	0.00089941	18.7926143	41.0896604	18.5836211	3.106633923	5.974481604	2.041859063	Il12rb1
ENSMUSG00000069273	8.366349512	3.064598269	0.00025481	0.00090089	5.36931837	0.97832525	1.23890807	23.81752674	17.92344481	24.50230876	Hist1h3e
ENSMUSG00000079019	0.268389518	-1.897599766	0.0002562	0.00090561	53.6931837	33.2630585	32.2116099	10.35544641	7.681476348	14.29301344	Insl3
ENSMUSG00000039578	0.194840861	-2.359631833	0.00025978	0.0009173	33.1107966	26.4147817	23.5392534	7.248812487	6.827978976	2.041859063	Ccser1
ENSMUSG00000022510	0.282730311	-1.822501535	0.00026422	0.00093259	33.1107966	85.1142966	55.7508633	19.67534818	16.21645007	13.27208391	Trp63
ENSMUSG00000048647	0.388073827	-1.365596959	0.00026687	0.00094134	53.6931837	52.8295634	68.139944	27.95970531	21.3374343	18.37673157	Exd1
ENSMUSG00000036136	0.084692039	-3.561629825	0.00026831	0.00094584	29.531251	13.6965535	12.3890807	1.035544641	2.560492116	1.020929532	Fam110c
ENSMUSG00000037996	0.121595466	-3.039838659	0.00026829	0.00094584	25.0568191	27.393107	17.344713	0	4.26748686	4.083718126	Slc24a2
ENSMUSG00000075589	4.097142551	2.034618089	0.00026841	0.00094602	10.7386367	8.80492724	4.95563229	38.31515172	39.26087911	24.50230876	Gm11536
ENSMUSG00000016349	0.062322148	-4.00411122	0.00026919	0.00094854	272.045464	4170.60053	525.297023	100.4478302	115.2221452	93.9255169	Eef1a2
ENSMUSG00000044927	0.435230959	-1.200146911	0.00026947	0.00094935	137.812505	164.358642	291.143397	89.05683913	89.61722406	78.61157393	H1fx
ENSMUSG00000034687	0.476019129	-1.070908544	0.00027279	0.00096062	75.1704572	74.3527189	74.3344844	32.10188387	37.55388437	36.75346313	Fras1
ENSMUSG00000065420	0.286709415	-1.802338813	0.00027338	0.00096231	28.6363647	57.7211897	47.0785068	11.39099105	15.3629527	11.23022485	Mir142b
ENSMUSG00000021536	0.46492603	-1.104926895	0.00027393	0.00096346	261.306827	180.990171	138.757704	107.6966427	82.78924508	80.65343299	Adcy2
ENSMUSG00000052143	3.576381471	1.838500628	0.00027384	0.00096346	17.0028415	22.5014807	6.19454036	67.31040167	52.91683706	45.94182892	Gm9869
ENSMUSG00000098645	0.219611456	-2.18697478	0.00027392	0.00096346	29.531251	46.9596119	117.696267	12.42653569	13.65595795	16.3348725	Gm27201
ENSMUSG00000033029	2.29074874	1.195819226	0.0002743	0.00096435	25.9517055	29.3497575	29.7337937	72.48812487	59.74481604	62.27670142	1700088E04Rik
ENSMUSG00000111809	6.753490397	2.755633321	0.00027476	0.00096575	4.47443198	1.9566505	2.47781615	20.71089282	23.04442904	17.35580204	AC112680.2
ENSMUSG00000007030	0.15772268	-2.664537965	0.00027659	0.00097139	16.1079551	52.8295634	22.3003453	5.177723205	5.120984232	4.083718126	Vwa7
ENSMUSG00000092021	0.307560837	-1.701056286	0.00027657	0.00097139	31.3210238	51.8512382	55.7508633	17.6042589	12.80246058	12.25115438	Gbp11
ENSMUSG00000002565	0.28565133	-1.807672848	0.0002777	0.00097467	91.2784123	116.420705	45.8395987	13.46208033	33.28639751	25.52323829	Scin
ENSMUSG00000068686	2.402181445	1.264345127	0.00027822	0.00097631	47.428979	51.8512382	28.4948857	111.8388212	78.52175822	119.4487552	Cd59b
ENSMUSG00000055639	0.490983551	-1.026253402	0.00027845	0.00097691	165.553983	115.442379	133.802072	80.772482	69.9867845	53.08833564	Dach1
ENSMUSG00000014782	0.056806877	-4.13779059	0.00028132	0.00098597	19.6875007	14.6748787	35.9283341	4.142178564	0	0	Plekhg4
ENSMUSG00000097166	3.547883779	1.826958751	0.00028506	0.00099865	11.6335231	8.80492724	7.43344844	36.24406244	34.13989488	29.60695641	9330179D12Rik
ENSMUSG00000037034	2.300258335	1.201795895	0.00028604	0.00100168	80.5397756	127.182282	195.747475	367.6183476	259.4632011	297.0904937	Pax1
ENSMUSG00000039055	0.20615378	-2.278207181	0.00028604	0.00100168	27.7414783	31.306408	21.0614372	5.177723205	3.413989488	8.167436252	Eme1
ENSMUSG00000077391	12.49417952	3.643184259	0.00028902	0.00101189	1.78977279	2.93497575	0	34.17297315	13.65595795	14.29301344	Gm24336
ENSMUSG00000032207	10.45986696	3.386792596	0.00028963	0.00101384	6.26420477	2.93497575	4.95563229	48.67059813	5.974481604	93.9255169	Lipc
ENSMUSG00000104339	0.226872168	-2.14004846	0.00029222	0.00102247	29.531251	79.2443451	128.84644	16.56871426	12.80246058	24.50230876	C130089K02Rik

ENSMUSG00000031438	0.103791769	-3.268236051	0.00029467	0.00103018	124.389209	546.883814	308.48811	32.10188387	8.53497372	61.25577189	Rnf128
ENSMUSG00000066154	57.71557071	5.850888682	0.0002981	0.00104131	46.5340926	15.653204	34.689426	1648.587069	7.681476348	3935.683344	Mup3
ENSMUSG00000100183	6.579957358	2.718078235	0.00030149	0.00105274	9.84375035	5.86995149	0	36.24406244	42.6748686	28.58602688	Gm28512
ENSMUSG00000058905	7.06579023	2.820850919	0.00030204	0.00105445	0.8948864	5.86995149	3.71672422	17.6042589	24.75142379	30.62788595	Gm10051
ENSMUSG00000061808	42.94901209	5.424553042	0.00030265	0.0010559	20.5823871	34.2413837	19.8225292	746.6276862	10.24196846	2450.230876	Ttr
ENSMUSG00000023243	0.331891176	-1.591217822	0.00030507	0.00106392	87.6988667	78.2660199	52.0341391	23.81752674	14.50945532	34.71160407	Kcnk5
ENSMUSG00000019767	0.245979088	-2.023392424	0.00030589	0.00106654	67.1164797	33.2630585	27.2559776	9.319901769	11.94896321	10.20929532	Ccdc170
ENSMUSG00000033898	11.18029957	3.48288694	0.00030703	0.00106966	10.7386367	3.91330099	8.67235651	63.1682231	5.974481604	191.9347519	Cfhr2
ENSMUSG00000100975	0.401316561	-1.317187402	0.00030701	0.00106966	198.66478	310.129104	561.225357	156.3672408	125.4641137	147.0138525	Gm28875
ENSMUSG00000111512	5.546067401	2.47146515	0.00030896	0.00107593	7.15909116	3.91330099	2.47781615	27.95970531	30.72590539	18.37673157	AC112680.1
ENSMUSG00000027313	0.272898399	-1.873564162	0.00031043	0.0010806	50.1136381	138.922185	74.3344844	25.88861603	32.43290013	13.27208391	Chac1
ENSMUSG00000002068	0.417303114	-1.26083241	0.00031224	0.001086	51.9034109	56.7428644	60.7064956	25.88861603	21.3374343	23.48137923	Ccne1
ENSMUSG00000027556	6.07613053	2.603152863	0.0003124	0.00108634	2.68465919	4.89162624	2.47781615	20.71089282	20.48393693	20.41859063	Car1
ENSMUSG00000045667	0.227081627	-2.13871711	0.00031364	0.00109026	130.653414	812.009956	168.491498	82.84357128	82.78924508	86.77901018	Smtnl2
ENSMUSG00000029158	0.036960761	-4.757861724	0.00031452	0.00109306	3.57954558	111.529078	21.0614372	4.142178564	0	1.020929532	Yipf7
ENSMUSG00000063458	0.239842062	-2.059843403	0.00031723	0.00110222	52.7982973	32.2847332	48.3174148	5.177723205	8.53497372	18.37673157	Lrmda
ENSMUSG00000021898	0.161030043	-2.634598222	0.00032283	0.00111987	36.6903422	229.906433	45.8395987	22.7819821	9.388471092	18.37673157	Asb14
ENSMUSG00000029445	54.94500457	5.779916417	0.0003233	0.00112125	4.47443198	5.86995149	2.47781615	182.2558568	1.706994744	523.7368497	Hpd
ENSMUSG00000062939	0.284992475	-1.811004269	0.00032654	0.00113179	28.6363647	66.5261169	59.4675875	11.39099105	17.06994744	15.31394297	Stat4
ENSMUSG00000070336	6.205229323	2.633484528	0.00032789	0.001136	6.26420477	5.86995149	1.23890807	42.45733028	23.89792642	19.3976611	Fbxo47
ENSMUSG00000019027	0.21618878	-2.209636443	0.00033117	0.00114691	68.0113661	31.306408	52.0341391	18.63980354	4.26748686	10.20929532	Dnah1
ENSMUSG00000044229	0.495872037	-1.011960224	0.00033282	0.00115192	383.011377	336.543886	192.030751	158.4383301	141.6805637	153.1394297	Nxpe4
ENSMUSG00000036634	0.168669191	-2.567731618	0.00033569	0.00116114	25.9517055	58.6995149	30.9727018	5.177723205	11.94896321	2.041859063	Mag
ENSMUSG00000037053	47.33318039	5.564779957	0.00033667	0.00116384	7.15909116	1.9566505	4.95563229	198.8245711	2.560492116	465.5438664	Azgp1
ENSMUSG00000020963	0.455388251	-1.134831025	0.00033821	0.00116872	121.70455	73.3743936	106.546094	48.67059813	40.96787385	47.98368798	Tshr
ENSMUSG00000049173	0.020727757	-5.592292206	0.00033937	0.00117194	8.05397756	130.117258	1.23890807	0	0.853497372	2.041859063	Myoz3
ENSMUSG00000044921	0.357781612	-1.482848853	0.00034055	0.00117577	171.818188	82.1793209	86.7235651	49.70614277	29.01891065	43.89996986	Rassf9
ENSMUSG00000040729	3.693850475	1.885125468	0.00034265	0.00118232	51.9034109	27.393107	12.3890807	83.87911592	92.17771617	166.4115136	Cep126
ENSMUSG00000075296	0.217702267	-2.199571662	0.00034456	0.00118842	104.701708	78.2660199	60.7064956	34.17297315	5.120984232	14.29301344	Aldh3b2
ENSMUSG00000018822	0.208542917	-2.261583781	0.00034607	0.00119337	91.2784123	432.41976	71.8566682	51.77723205	35.84688962	36.75346313	Sfrp5
ENSMUSG00000046245	0.365334475	-1.452710193	0.00034711	0.00119625	106.491481	183.925147	162.296958	69.38149095	28.16541327	68.40227861	Pilra
ENSMUSG00000044309	0.097133346	-3.363889535	0.00034754	0.00119747	21.4772735	24.4581312	13.6279888	4.142178564	1.706994744	0	Apol7c
ENSMUSG00000021396	2.573025994	1.363466032	0.00034853	0.00120065	19.6875007	19.566505	30.9727018	50.74168741	61.45181078	66.36041955	Nxnl2
ENSMUSG00000108841	0.215024605	-2.217426341	0.00035257	0.00121383	50.1136381	18.5881797	63.1843117	11.39099105	6.827978976	10.20929532	Frmpd2
ENSMUSG00000103881	0.096096646	-3.379370116	0.00035277	0.00121425	13.4232959	12.7182282	43.3617825	2.071089282	3.413989488	1.020929532	Gm10748
ENSMUSG00000041552	0.351906268	-1.506736882	0.00035575	0.00122353	71.5909116	59.6778402	42.1228745	23.81752674	23.04442904	14.29301344	Ptchd1
ENSMUSG00000111058	4.019610607	2.007055749	0.00035687	0.00122637	5.36931837	8.80492724	7.43344844	23.81752674	29.87240802	32.66974501	Gm36033
ENSMUSG00000031962	0.052014064	-4.264954429	0.0003594	0.00123458	6.26420477	52.8295634	17.344713	2.071089282	0	2.041859063	Cdh15
ENSMUSG00000042828	0.062300521	-4.004611957	0.00035954	0.00123481	49.2187517	926.47401	224.242361	41.42178564	17.06994744	16.3348725	Trim72
ENSMUSG00000104174	6.780637664	2.761420954	0.00036156	0.00124148	3.57954558	0.97832525	6.19454036	31.06633923	21.3374343	18.37673157	Gm37701
ENSMUSG00000102153	0.291678047	-1.777551291	0.00036411	0.00124922	71.5909116	214.253229	299.815754	44.52841956	49.50284757	76.56971486	Gm37474
ENSMUSG00000109625	0.13204463	-2.920902468	0.00036522	0.00125229	17.0028415	38.1546847	50.795231	4.142178564	0.853497372	9.188365784	3110080E11Rik
ENSMUSG00000110547	0.113252066	-3.142390731	0.00036751	0.00125961	11.6335231	130.117258	29.7337937	5.177723205	5.120984232	9.188365784	Gm29773
ENSMUSG00000107331	2.149373321	1.103916084	0.00036854	0.0012629	62.6420477	44.0246362	34.689426	107.6966427	99.85919252	99.03016456	Gm42732
ENSMUSG00000108601	0.384721702	-1.378112882	0.0003725	0.00127544	76.96023	110.550753	163.535866	36.24406244	39.26087911	59.21391283	Gm44645
ENSMUSG00000037892	0.450000188	-1.152002492	0.00037272	0.00127592	507.400586	212.296579	330.788455	150.1539729	143.3875585	179.6835975	Pcdh18
ENSMUSG00000106112	0.131149338	-2.930717564	0.00037357	0.00127857	31.3210238	27.393107	40.8839664	5.177723205	0	8.167436252	Gm43434
ENSMUSG00000097974	0.288746241	-1.792125929	0.00037403	0.00127989	45.6392062	63.5911412	39.6450583	22.7819821	9.388471092	11.23022485	Gm10605
ENSMUSG00000069805	377.1309317	8.558921673	0.00037613	0.00128658	0.8948864	0	0	83.87911592	0.853497372	331.8020977	Fbp1
ENSMUSG00000032181	0.402865043	-1.311631468	0.00038041	0.00130012	68.9062524	60.6561654	69.3788521	33.13742851	17.92344481	29.60695641	Scg3
ENSMUSG00000026204	0.381931637	-1.388613667	0.00038109	0.00130167	59.9573885	75.3310441	125.129715	28.99524995	34.13989488	35.7325336	Ptprn
ENSMUSG00000074768	1508.286474	10.55869476	0.00038369	0.0013103	0	0	0	208.1444728	0.853497372	646.2483935	Bhmt
ENSMUSG00000034329	2.037358967	1.026700195	0.00038576	0.0013171	68.0113661	65.5477917	66.9010359	153.2606069	158.7505112	95.96737596	Brip1
ENSMUSG00000068373	0.087647305	-3.512146455	0.00038728	0.00132202	14.3181823	40.1113352	12.3890807	1.035544641	0.853497372	4.083718126	D430041D05Rik
ENSMUSG00000042097	2.500860695	1.322424697	0.00039091	0.0013339	28.6363647	21.5231555	18.5836211	51.77723205	56.33082655	65.33949002	Zfp239
ENSMUSG00000056880	0.066713509	-3.905877262	0.00039357	0.00134184	3.57954558	90.0059229	23.5392534	3.106633923	1.706994744	3.062788595	Gadl1
ENSMUSG00000107304	0.138546267	-2.851560253	0.00039364	0.00134184	10.7386367	37.1763594	69.3788521	3.106633923	6.827978976	6.125577189	Gm43775
ENSMUSG00000076672	0.134783538	-2.891283793	0.00039468	0.00134513	17.8977279	37.1763594	16.1058049	5.177723205	3.413989488	1.020929532	Ighv3-6
ENSMUSG00000022383	3.226340558	1.689898731	0.00039492	0.00134568	39.3750014	15.653204	14.8668969	64.20376774	69.13328713	94.94644643	Ppara
ENSMUSG00000085585	8.65663593	3.113806486	0.00039739	0.00135383	1.78977279	1.9566505	2.47781615	19.67534818	22.19093167	11.23022485	Gm12223
ENSMUSG00000047793	0.186322289	-2.424127826	0.00039814	0.00135609	3840.85241	1612.28001	659.099095	459.7818206	326.0359961	353.2416179	Sned1
ENSMUSG00000026616	5.13769149	2.361120261	0.00039924	0.00135931	6.26420477	10.7615777	9.91126458	27.95970531	83.64274245	25.52323829	Cr2
ENSMUSG00000107481	0.357349926	-1.484590607	0.00040158	0.001367	40.2698878	48.9162624	66.9010359	18.63980354	21.3374343	15.31394297	4833403J16Rik
ENSMUSG00000097791	3.361034282	1.748905258	0.00040413	0.00137482	19.6875007	18.5881797	7.43344844	41.42178564	67.42629239	46.96275845	Gm17315
ENSMUSG00000078672	166.1416854	7.376270285	0.0004057	0.00137977	6.26420477	0.97832525	0	420.4311243	1.706994744	800.4087527	Mup20
ENSMUSG00000089704	3.220648858	1.687351375	0.00040765	0.00138541	82.3295484	50.8729129	18.5836211	184.3269461	186.9159245	121.4906143	Galnt2
ENSMUSG00000037418	0.301593596	-1.729322299	0.00040831	0.00138734	88.5937531	80.2226704	35.9283341	13.46208033	23.89792642	24.50230876	Best1
ENSMUSG00000074607	2.211620292	1.145103714	0.00040936	0.00139013	48.3238654	70.4394179	87.9624732	133.5852587	126.3176111	194.9975405	Tox2
ENSMUSG00000089783	0.197687124	-2.338709191	0.00040959	0.0013906	27.7414783	16.6315292	48.3174148	6.213267846	6.827978976	5.104647658	Gm454
ENSMUSG00000031789	0.309957659	-1.68985694	0.00041057	0.00139337	50.1136381	44.0246362	30.9727018	10.35544641	17.06994744	11.23022485	Cngb1
ENSMUSG00000022416	15.19448516	3.925475887	0.00041162	0.00139638	0.8948864	2.93497575	0	20.71089282	31.57940276	8.167436252	Cacna1i
ENSMUSG00000041347	0.337439582	-1.567298881	0.00041254	0.00139924	53.6931837	42.0679857	78.0512086	18.63980354	14.50945532	25.52323829	Bdkrb1
ENSMUSG00000103546	0.153225898	-2.70626794	0.00041687	0.00141167	12.5284095	30.3280827	53.2730471	7.248812487	3.413989488	4.083718126	Gm37666
ENSMUSG00000097085	0.125522355	-2.99398377	0.00041986	0.00142063	17.0028415	12.7182282	40.8839664	4.142178564	1.706994744	3.062788595	Gm26634
ENSMUSG00000022821	11.86647217	3.568819189	0.00042183	0.00142675	3.57954558	4.89162624	4.95563229	36.24406244	4.26748686	118.4278257	Hgd
ENSMUSG00000081051	2.0336818	1.024093966	0.00042334	0.00143127	43.8494334	52.8295634	70.6177601	127.3719908	109.2476636	101.0720236	Gm15427
ENSMUSG00000040570	0.169437199	-2.561177452	0.00042415	0.00143345	31.3210238	26.4147817	16.1058049	2.071089282	3.413989488	7.146506721	Rundc3b
ENSMUSG00000005357	0.183792874	-2.443847263	0.00042629	0.00143983	23.2670463	20.5448302	52.0341391	4.142178564	4.26748686	9.188365784	Slc1a6
ENSMUSG00000089827	3.984663037	1.994457728	0.00042714	0.0014424	7.15909116	5.86995149	8.67235651	28.99524995	34.13989488	22.46044969	1700023H06Rik
ENSMUSG00000030124	0.406887524	-1.297298048	0.00042931	0.00144916	76.0653436	99.7891754	158.580233	53.84832133	40.96787385	40.83718126	Lag3
ENSMUSG00000031250	0.322493937	-1.632656059	0.0004293	0.00144916	216.562508	61.6344907	199.4642	46.59950885	51.20984232	56.15112423	Tnmd
ENSMUSG00000026885	2.029779938	1.021323324	0.00043474	0.00146602	53.6931837	54.7862139	56.9897713	105.6255534	89.61722406	140.8882754	Ttll11
ENSMUSG00000027977	2.916794669	1.54438383	0.00043611	0.00147003	30.4261374	19.566505	18.5836211	68.34594631	88.76372668	43.89996986	Ndst3
ENSMUSG00000087524	10.39798299	3.378231795	0.00043677	0.00147196	0.8948864	0	8.67235651	25.88861603	33.28639751	33.69067454	Gm14285
ENSMUSG00000105655	0.349137513	-1.518132719	0.00043721	0.00147289	78.7500028	151.640414	245.303798	52.81277669	66.57279501	45.94182892	Gm42659
ENSMUSG00000033847	0.36421172	-1.457150747	0.0004423	0.00148943	46.5340926	68.4827674	40.8839664	20.71089282	17.92344481	18.37673157	Pla2g4c
ENSMUSG00000051456	0.079357179	-3.655495448	0.00044286	0.00149102	10.7386367	77.2876946	26.0170695	4.142178564	0	5.104647658	Hspb3
ENSMUSG00000040170	2.135533717	1.094596677	0.00044357	0.00149283	9360.5117	5316.2194	3471.42042	14859.03005	12381.68638	11520.16883	Fmo2
ENSMUSG00000110618	0.374440759	-1.417190609	0.00044623	0.00150059	51.9034109	58.6995149	39.6450583	15.53316962	21.3374343	19.3976611	Gm39822
ENSMUSG00000051855	0.326451892	-1.615057692	0.00044754	0.00150408	871.619349	264.147817	320.877191	136.6918926	111.8081557	227.6672855	Mest
ENSMUSG00000082419	0.200045124	-2.321602629	0.00044899	0.00150836	20.5823871	68.4827674	112.740635	8.284357128	14.50945532	17.35580204	Gm11425
ENSMUSG00000047462	0.088451381	-3.498971526	0.00044945	0.00150932	24.1619327	31.306408	9.91126458	4.142178564	1.706994744	0	A530099J19Rik
ENSMUSG00000084998	2.574583239	1.364338915	0.00044937	0.00150932	17.8977279	21.5231555	17.344713	42.45733028	53.77033443	50.02554704	Gm16279

ENSMUSG00000022415	0.496812152	-1.009227632	0.00044973	0.00150995	83.2244348	107.615777	104.068278	48.67059813	56.33082655	40.83718126	Syngr1
ENSMUSG00000026285	0.186994191	-2.418934642	0.00044989	0.00151018	18.7926143	38.1546847	21.0614372	7.248812487	3.413989488	4.083718126	Pdcd1
ENSMUSG00000090622	2.374420141	1.247575234	0.00045017	0.00151084	121.70455	91.9625734	43.3617825	218.4999193	198.8648877	197.0393996	A930033H14Rik
ENSMUSG00000097585	0.277926887	-1.847222683	0.00045197	0.00151625	38.480115	38.1546847	89.2013812	11.39099105	17.92344481	16.3348725	E230029C05Rik
ENSMUSG00000072647	2.187069451	1.128999034	0.00045248	0.00151767	86.8039804	45.9812867	54.5119552	118.0520891	133.14559	160.2859364	Adam1a
ENSMUSG00000018986	0.329644122	-1.60101874	0.00045297	0.00151901	142.286937	76.3093694	49.5563229	31.06633923	28.16541327	29.60695641	Slfn3
ENSMUSG00000022546	0.425340402	-1.233310196	0.0004545	0.00152384	320.36933	236.75471	459.634895	166.7226872	85.3497372	180.7045271	Gpt
ENSMUSG00000022996	0.350960601	-1.510619014	0.00046457	0.00155606	54.5880701	50.8729129	33.450518	17.6042589	17.06994744	14.29301344	Wnt10b
ENSMUSG00000105940	4.510505532	2.173289138	0.000474	0.00158548	18.7926143	2.93497575	9.91126458	53.84832133	51.20984232	38.7953222	Gm42635
ENSMUSG00000005580	2.183647798	1.126740182	0.0004746	0.00158714	400.909105	250.451264	147.430061	598.5448025	563.3082655	587.0344806	Adcy9
ENSMUSG00000040658	0.169890327	-2.557324386	0.0004753	0.00158918	17.8977279	43.0463109	27.2559776	2.071089282	8.53497372	4.083718126	Dnph1
ENSMUSG00000085771	0.204118934	-2.29251808	0.00047688	0.00159384	18.7926143	45.0029614	52.0341391	7.248812487	11.94896321	4.083718126	C230066G23Rik
ENSMUSG00000054383	2.653536625	1.407916461	0.00048098	0.0016066	19.6875007	19.566505	16.1058049	40.386241	58.89131867	47.98368798	Pnma1
ENSMUSG00000108486	0.26883988	-1.89518093	0.00048299	0.00161299	34.9005694	92.9408986	121.412991	31.06633923	20.48393693	15.31394297	Gm44836
ENSMUSG00000081583	3.128317001	1.645386712	0.00048443	0.00161747	13.4232959	12.7182282	33.450518	64.20376774	55.47732918	63.29763095	Gm14769
ENSMUSG00000003779	0.32706747	-1.612339818	0.00048767	0.00162766	161.974438	138.922185	61.9454036	52.81277669	42.6748686	23.48137923	Kif20a
ENSMUSG00000028125	0.24925216	-2.00432209	0.00049105	0.00163732	62.6420477	23.479806	33.450518	10.35544641	9.388471092	10.20929532	Abca4
ENSMUSG00000001865	0.47010957	-1.088931046	0.00049293	0.00164295	154.815346	192.730074	105.307186	85.9502052	67.42629239	60.23484236	Cpa3
ENSMUSG00000040086	3.962137634	1.986278996	0.00049354	0.00164466	8.05397756	17.6098545	7.43344844	42.45733028	60.59831341	28.58602688	Tnni3k
ENSMUSG00000029379	0.081078818	-3.624531131	0.00049372	0.00164476	5.36931837	129.138933	40.8839664	1.035544641	5.974481604	7.146506721	Cxcl3
ENSMUSG00000026253	0.060918978	-4.036964449	0.00050262	0.00167127	4.47443198	43.0463109	34.689426	3.106633923	0	2.041859063	Chrng
ENSMUSG00000103469	2.712271356	1.439501524	0.00050422	0.00167595	68.0113661	49.8945877	33.450518	101.4833748	206.546364	104.1348122	Gm9910
ENSMUSG00000100280	0.326985391	-1.612701915	0.00050809	0.00168814	30.4261374	51.8512382	42.1228745	13.46208033	11.94896321	15.31394297	Gm28417
ENSMUSG00000105748	0.361572642	-1.467642575	0.00050932	0.00169124	59.0625021	86.0926219	143.713336	34.17297315	28.16541327	41.85811079	Gm43088
ENSMUSG00000035540	482.870864	8.915493605	0.00051081	0.00169552	0	0	6.19454036	796.3338289	4.26748686	2131.700862	Gc
ENSMUSG00000087410	0.062345145	-4.003578977	0.0005113	0.00169681	12.5284095	113.485729	11.1501727	0	3.413989488	5.104647658	2310065F04Rik
ENSMUSG00000044164	3.948487799	1.981300232	0.00051596	0.00171129	11.6335231	6.84827674	9.91126458	28.99524995	27.3119159	56.15112423	Rnf182
ENSMUSG00000103916	0.298539301	-1.744007229	0.00052551	0.00174055	41.1647742	53.8078887	118.935175	19.67534818	21.3374343	22.46044969	Gm38071
ENSMUSG00000082738	2.597315914	1.377021501	0.00053258	0.00176295	34.9005694	22.5014807	58.2286794	83.87911592	115.2221452	98.00923503	Gm15422
ENSMUSG00000045327	0.34961507	-1.516160722	0.00053418	0.0017679	59.0625021	86.0926219	141.23552	25.88861603	29.01891065	44.92089939	6330549D23Rik
ENSMUSG00000073680	0.319535283	-1.645952851	0.00053661	0.00177526	33.1107966	42.0679857	29.7337937	10.35544641	11.94896321	11.23022485	Tmem88b
ENSMUSG00000019933	0.10280835	-3.281970652	0.00053932	0.00178317	8.05397756	108.594103	33.450518	8.284357128	5.120984232	2.041859063	Mrln
ENSMUSG00000092569	2.268334125	1.181633165	0.0005434	0.00179492	31.3210238	31.306408	23.5392534	71.45258023	69.9867845	55.1301947	Gm20544
ENSMUSG00000089797	0.251704	-1.990199949	0.00054367	0.00179509	36.6903422	20.5448302	30.9727018	9.319901769	6.827978976	6.125577189	Gm16118
ENSMUSG00000097906	2.688626478	1.42686934	0.00055254	0.00182225	15.2130687	14.6748787	18.5836211	45.5639642	46.08885809	37.77439267	Gm9625
ENSMUSG00000054630	1020.62238	9.995233467	0.00055457	0.00182823	0	0	0	147.047339	0.853497372	430.8322623	Ugt2b5
ENSMUSG00000036198	0.352359789	-1.504878799	0.00055717	0.00183609	71.5909116	51.8512382	37.1672422	16.56871426	17.92344481	22.46044969	Arhgap36
ENSMUSG00000103882	0.285630767	-1.807776704	0.00056376	0.00185528	47.428979	173.163569	219.286729	47.63505349	34.99339225	42.87904032	Gm37452
ENSMUSG00000109714	0.231670141	-2.10985598	0.00056425	0.00185655	28.6363647	29.3497575	21.0614372	4.142178564	5.120984232	9.188365784	Gm35021
ENSMUSG00000053846	0.173970062	-2.523089034	0.00056627	0.00186138	13.4232959	40.1113352	37.1672422	6.213267846	2.560492116	7.146506721	Lipg
ENSMUSG00000109751	0.228604673	-2.129073202	0.00056701	0.00186343	30.4261374	128.160608	208.136556	21.74643746	28.16541327	33.69067454	Gm45479
ENSMUSG00000034435	0.364079092	-1.457676203	0.00057111	0.00187511	69.8011388	64.5694664	105.307186	24.85307138	19.63043956	42.87904032	Tmem30b
ENSMUSG00000106706	0.240774207	-2.054247246	0.00057799	0.00189623	56.3778429	170.228593	318.399375	21.74643746	52.91683706	56.15112423	C530043K16Rik
ENSMUSG00000019235	0.443992505	-1.171392773	0.00058095	0.00190444	62.6420477	88.0492724	81.7679328	42.45733028	27.3119159	33.69067454	Rps6kl1
ENSMUSG00000044689	0.137323729	-2.86434716	0.00059002	0.0019325	46.5340926	16.6315292	13.6279888	5.177723205	3.413989488	2.041859063	Gm13749
ENSMUSG00000025019	2.222699114	1.152312664	0.0005937	0.00194287	161.079551	101.745826	61.9454036	254.7439817	231.2977878	239.9184399	Lcor
ENSMUSG00000040705	0.159929022	-2.644496325	0.00059416	0.001944	23.2670463	239.689686	48.3174148	14.49762497	17.92344481	17.35580204	A930016O22Rik
ENSMUSG00000045689	0.29908043	-1.741394583	0.00059849	0.00195707	53.6931837	31.306408	29.7337937	10.35544641	12.80246058	11.23022485	Pcdhb4
ENSMUSG00000104851	0.279092202	-1.841186281	0.0005985	0.00195707	59.9573885	107.615777	266.365236	31.06633923	48.6493502	40.83718126	E030026E10Rik
ENSMUSG00000044296	2.842683805	1.507253635	0.00060215	0.0019686	26.8465919	17.6098545	11.1501727	51.77723205	48.6493502	60.23484236	Zfp879
ENSMUSG00000068877	14.04556238	3.812042486	0.00060254	0.00196952	0.8948864	0.97832525	4.95563229	38.31515172	4.26748686	49.00461751	Selenbp2
ENSMUSG00000051242	0.365945398	-1.45029969	0.00060534	0.00197829	118.125004	52.8295634	69.3788521	23.81752674	31.57940276	32.66974501	Pcdhb9
ENSMUSG00000032113	0.439635515	-1.185620157	0.00060613	0.00198008	55.4829565	63.5911412	58.2286794	30.03079459	26.45841853	21.43952016	Chek1
ENSMUSG00000022824	6.551060211	2.711728409	0.00060696	0.00198243	2.68465919	3.91330099	7.43344844	30.03079459	11.94896321	47.98368798	Muc13
ENSMUSG00000056468	3.276108761	1.711983252	0.00061038	0.00199283	72.485798	27.393107	17.344713	151.1895176	126.3176111	110.2603894	5730596B20Rik
ENSMUSG00000108671	3.27242531	1.710360264	0.0006157	0.00200895	9.84375035	12.7182282	8.67235651	30.03079459	41.82137123	30.62788595	2700080J24Rik
ENSMUSG00000021492	359.0381599	8.487993377	0.00061614	0.00200968	0	0	0	55.91941062	1.706994744	145.992923	F12
ENSMUSG00000021414	0.368879318	-1.438779191	0.0006388	0.00208081	60.8522749	45.0029614	40.8839664	17.6042589	14.50945532	22.46044969	Fam217a
ENSMUSG00000027496	0.443492506	-1.173018367	0.00063869	0.00208081	62.6420477	107.615777	106.546094	45.5639642	40.11437648	36.75346313	Aurka
ENSMUSG00000021965	0.326776949	-1.613621875	0.00064154	0.00208931	36.6903422	32.2847332	48.3174148	9.319901769	15.3629527	13.27208391	Ska3
ENSMUSG00000035121	0.353531666	-1.500088653	0.00064352	0.00209538	36.6903422	36.1980342	38.4061503	13.46208033	14.50945532	11.23022485	Neil2
ENSMUSG00000002588	0.296314388	-1.754799413	0.00064467	0.00209871	621.051158	278.822696	441.051274	162.5805086	38.40738174	197.0393996	Pon1
ENSMUSG00000030144	0.320014666	-1.643790069	0.0006475	0.0021063	102.017049	481.336022	246.542706	93.19901769	78.52175822	93.9255169	Clec4d
ENSMUSG00000033196	0.265243882	-1.914608621	0.00065183	0.00211915	127.968755	283.714322	66.9010359	67.31040167	32.43290013	27.56509735	Myh2
ENSMUSG00000037544	0.446917226	-1.161920441	0.00065181	0.00211915	80.5397756	82.1793209	53.2730471	32.10188387	34.13989488	30.62788595	Dlgap5
ENSMUSG00000032591	12.72612532	3.669721329	0.00065401	0.00212502	3.57954558	1.9566505	0	19.67534818	7.681476348	46.96275845	Mst1
ENSMUSG00000092373	5.259414416	2.394902179	0.00065637	0.00213188	4.47443198	7.82660199	1.23890807	22.7819821	23.89792642	26.54416782	Gm20535
ENSMUSG00000044086	0.208787526	-2.259892575	0.00065714	0.00213357	48.3238654	450.029614	127.607531	51.77723205	34.13989488	44.92089939	Lmod3
ENSMUSG00000089651	0.247538189	-2.014276983	0.00065754	0.00213445	30.4261374	40.1113352	84.2457489	10.35544641	8.53497372	19.3976611	Gm16353
ENSMUSG00000023036	0.353808166	-1.498960747	0.00066442	0.00215471	58.1676157	72.3960684	137.518796	33.13742851	37.55388437	23.48137923	Pcdhgc4
ENSMUSG00000047281	0.41756238	-1.259936354	0.00066883	0.00216719	111.860799	164.358642	284.948857	80.772482	68.27978976	84.73715112	Sfn
ENSMUSG00000026180	2.926456044	1.549154609	0.0006697	0.00216895	24.1619327	86.0926219	40.8839664	180.1847675	135.7060821	126.5952619	Cxcr2
ENSMUSG00000038224	42.73579395	5.41737302	0.0006724	0.00217726	0.8948864	3.91330099	4.95563229	142.9051605	1.706994744	268.5044668	Serpinf2
ENSMUSG00000064147	0.286562364	-1.803078949	0.00067918	0.00219795	29.531251	79.2443451	53.2730471	20.71089282	14.50945532	11.23022485	Rab44
ENSMUSG00000025427	0.315559983	-1.664013831	0.00067949	0.00219856	46.5340926	114.464054	125.129715	43.49287492	21.3374343	25.52323829	Rnf165
ENSMUSG00000102344	0.204480829	-2.289962504	0.00067974	0.00219892	17.8977279	45.9812867	73.0955763	5.177723205	9.388471092	13.27208391	9430053O09Rik
ENSMUSG00000033825	0.419491077	-1.253287973	0.00068246	0.00220689	165.553983	312.085754	284.948857	154.2961515	98.15219778	67.38134908	Tpsb2
ENSMUSG00000067599	0.115621064	-3.112523839	0.00068456	0.00221324	10.7386367	34.2413837	13.6279888	2.071089282	1.706994744	3.062788595	Klra7
ENSMUSG00000017978	0.492405197	-1.022082106	0.00068591	0.0022172	147.656255	133.052234	113.979543	75.59475879	44.38186334	75.54878533	Cadps2
ENSMUSG00000034796	0.400641033	-1.319617906	0.00069028	0.00222919	73.3806844	61.6344907	54.5119552	34.17297315	17.92344481	24.50230876	Cpne7
ENSMUSG00000031202	2.256444126	1.174051055	0.00069342	0.00223891	28.6363647	32.2847332	28.4948857	83.87911592	57.18432392	61.25577189	Rab39b
ENSMUSG00000052563	0.4781763	-1.064385469	0.00069372	0.00223943	140.497164	115.442379	105.307186	45.5639642	77.66826085	49.00461751	D930048N14Rik
ENSMUSG00000102562	0.428567342	-1.222406178	0.00069549	0.00224472	105.596595	175.12022	266.365236	73.52366951	84.49623982	75.54878533	Gm37694
ENSMUSG00000042549	2.270543507	1.183037681	0.00070392	0.00227065	26.8465919	45.9812867	34.689426	65.23931238	90.47072143	87.79993971	Map2k3os
ENSMUSG00000051378	0.387056774	-1.369382896	0.00070547	0.00227435	41.1647742	39.1330099	49.5563229	16.56871426	16.21645007	17.35580204	Kif18b
ENSMUSG00000020953	2.91655666	1.544266102	0.00070703	0.0022785	25.0568191	16.6315292	9.91126458	59.02604454	46.08885809	47.98368798	Coch
ENSMUSG00000073067	2.633892387	1.397196403	0.00070809	0.0022815	14.3181823	17.6098545	17.344713	37.27960708	46.94235546	44.92089939	9130019P16Rik
ENSMUSG00000022945	0.40953137	-1.28795413	0.00070996	0.00228663	85.0142076	59.6778402	66.9010359	39.35069636	21.3374343	26.54416782	Chaf1b
ENSMUSG00000094546	0.093898246	-3.412757984	0.00071107	0.00228977	26.8465919	45.0029614	14.8668969	0	6.827978976	1.020929532	Ighv1-26
ENSMUSG00000062181	366.0123839	8.515748652	0.00071768	0.00230887	0	0	0	46.59950885	1.706994744	159.2650069	Ces3b
ENSMUSG00000051596	2.29540165	1.198746619	0.00071897	0.00231258	43.8494334	30.3280827	37.1672422	76.63030344	67.42629239	112.3022485	Otop1
ENSMUSG00000083863	2.481188776	1.311031504	0.00072307	0.00232489	22.3721599	42.0679857	43.3617825	93.19901769	65.71929764	107.1976008	Gm13341
ENSMUSG00000025194	91.81179323	6.520607575	0.00072371	0.00232651	1.78977279	1.9566505	0	100.4478302	0.853497372	251.1486648	Abcc2

ENSMUSG00000053862	3.063683066	1.61526706	0.0007261	0.00233375	12.5284095	34.2413837	16.1058049	71.45258023	50.35634495	71.46506721	Slc51b
ENSMUSG00000030895	18.56650994	4.214630744	0.00073216	0.00235234	10.7386367	19.566505	26.0170695	304.4501245	15.3629527	723.8390379	Hpx
ENSMUSG00000106054	0.095116866	-3.394155005	0.00073315	0.00235507	6.26420477	23.479806	49.5563229	1.035544641	4.26748686	2.041859063	Gm43623
ENSMUSG00000037849	0.276010844	-1.857203146	0.0007597	0.00243551	39.3750014	203.491652	156.102417	37.27960708	40.96787385	31.64881548	Ifi206
ENSMUSG00000054827	790.8192499	9.627204179	0.00076446	0.00245007	0	0	0	101.4833748	0.853497372	346.0951112	Cyp2c50
ENSMUSG00000090673	2.374732503	1.247765013	0.00076556	0.00245313	47.428979	31.306408	21.0614372	82.84357128	79.37525559	77.5906444	Gm340
ENSMUSG00000027674	2.453876903	1.295062879	0.00077463	0.00248078	76.96023	48.9162624	39.6450583	164.6515979	86.20323457	158.2440774	Pex5l
ENSMUSG00000013974	0.249582107	-2.002413588	0.00077582	0.0024832	37.5852286	124.247307	66.9010359	30.03079459	17.92344481	9.188365784	Mcemp1
ENSMUSG00000061414	0.394312884	-1.342587245	0.00077608	0.00248354	254.147736	132.073909	92.9181054	63.1682231	58.03782129	68.40227861	Cracr2a
ENSMUSG00000075569	2.238919433	1.162802614	0.00077879	0.00249081	42.0596606	36.1980342	24.7781615	63.1682231	83.64274245	85.75808065	Rsph10b
ENSMUSG00000034438	0.238253238	-2.069432272	0.00079074	0.00252521	56.3778429	281.757672	65.6621278	36.24406244	26.45841853	33.69067454	Gbp8
ENSMUSG00000028979	6.147420071	2.619981072	0.0007935	0.00253306	5.36931837	7.82660199	2.47781615	34.17297315	11.94896321	52.06740611	Masp2
ENSMUSG00000040328	0.22035522	-2.182097022	0.00080393	0.00256298	17.8977279	49.8945877	34.689426	8.284357128	4.26748686	10.20929532	Olfr56
ENSMUSG00000029072	2.32741923	1.218731102	0.0008079	0.00257515	18.7926143	24.4581312	24.7781615	49.70614277	54.62383181	53.08833564	Tas1r3
ENSMUSG00000106472	0.230930802	-2.114467476	0.00081157	0.00258635	20.5823871	26.4147817	38.4061503	8.284357128	3.413989488	8.167436252	Gm43111
ENSMUSG00000054978	3.036775794	1.602540398	0.0008196	0.00260951	19.6875007	76.3093694	32.2116099	111.8388212	145.9480506	131.6999096	Kbtbd13
ENSMUSG00000107336	0.296864652	-1.752122773	0.00082098	0.0026129	35.7954558	59.6778402	89.2013812	11.39099105	26.45841853	16.3348725	Gm43461
ENSMUSG00000045231	3.734598107	1.900952998	0.00082765	0.00263266	29.531251	14.6748787	4.95563229	63.1682231	54.62383181	69.42320814	BC106179
ENSMUSG00000023153	0.121499201	-3.040981269	0.0008343	0.00265158	18.7926143	147.727113	22.3003453	12.42653569	2.560492116	8.167436252	Tmem52
ENSMUSG00000094420	0.211270752	-2.242835036	0.00083485	0.00265257	64.4318205	95.8758744	21.0614372	12.42653569	19.63043956	6.125577189	Igkv10-96
ENSMUSG00000043939	0.198581726	-2.332195226	0.00083696	0.00265826	17.0028415	79.2443451	56.9897713	16.56871426	6.827978976	7.146506721	A530064D06Rik
ENSMUSG00000103046	2.758860292	1.464072401	0.00083836	0.00266221	58.1676157	33.2630585	18.5836211	81.80802664	102.4196846	122.5115438	Gm37309
ENSMUSG00000031284	0.475580696	-1.072237939	0.00085215	0.00270449	259.517055	225.014807	382.822594	162.5805086	162.1645007	86.77901018	Pak3
ENSMUSG00000087221	3.265772594	1.707424335	0.00085321	0.00270735	54.5880701	16.6315292	18.5836211	88.02129449	128.0246058	79.63250346	BC037032
ENSMUSG00000026686	0.187234152	-2.417084482	0.00085457	0.00271065	20.5823871	13.6965535	38.4061503	5.177723205	4.26748686	4.083718126	Lmx1a
ENSMUSG00000073565	0.273491005	-1.87043471	0.000863	0.00273431	118.125004	67.5044422	73.0955763	24.85307138	7.681476348	38.7953222	Prr16
ENSMUSG00000032373	0.13106557	-2.931639347	0.00086698	0.00274641	8.05397756	58.6995149	47.0785068	6.213267846	1.706994744	7.146506721	Car12
ENSMUSG00000073834	0.262578179	-1.929181068	0.00087795	0.00277803	179.872165	171.206919	121.412991	56.95495526	8.53497372	59.21391283	Mup11
ENSMUSG00000005107	0.462410461	-1.11275406	0.00087824	0.00277844	68.9062524	57.7211897	70.6177601	36.24406244	25.60492116	29.60695641	Slc2a9
ENSMUSG00000047361	2.07494736	1.053074737	0.0008816	0.00278855	45.6392062	40.1113352	71.8566682	99.41228554	102.4196846	122.5115438	Gm973
ENSMUSG00000060600	0.076864581	-3.701537234	0.00088404	0.00279574	1301.16482	17749.755	1911.63516	546.7675705	490.7609889	573.7623967	Eno3
ENSMUSG00000047759	0.195279006	-2.356391237	0.0008991	0.00284019	29.531251	17.6098545	29.7337937	2.071089282	8.53497372	4.083718126	Hs3st3a1
ENSMUSG00000033618	2.635826327	1.398255315	0.00090037	0.00284353	36.6903422	18.5881797	17.344713	54.88386597	69.13328713	69.42320814	Map3k13
ENSMUSG00000044320	3.477407928	1.798012317	0.00090468	0.00285568	13.4232959	9.78325249	6.19454036	25.88861603	34.13989488	43.89996986	1700001O22Rik
ENSMUSG00000030178	0.250749752	-1.995679822	0.00091668	0.00289088	24.1619327	35.219709	30.9727018	10.35544641	3.413989488	9.188365784	Klra13-ps
ENSMUSG00000058145	0.354151604	-1.497561019	0.00091854	0.00289512	153.025574	55.7645392	109.02391	26.92416067	36.70038699	49.00461751	Adamts17
ENSMUSG00000046456	0.257086622	-1.959673557	0.0009204	0.00290045	28.6363647	27.393107	24.7781615	4.142178564	10.24196846	6.125577189	Tmem150b
ENSMUSG00000103103	2.535380321	1.342202175	0.00093021	0.00292865	25.0568191	32.2847332	16.1058049	50.74168741	60.59831341	76.56971486	4833445I07Rik
ENSMUSG00000105033	0.341466104	-1.550185722	0.00094212	0.00296417	63.5369341	139.900511	240.348166	55.91941062	45.23536071	50.02554704	Gm43423
ENSMUSG00000026163	2.380737808	1.251408744	0.00094611	0.00297481	28.6363647	27.393107	17.344713	68.34594631	51.20984232	57.17205377	Sphkap
ENSMUSG00000048782	0.305125509	-1.712525297	0.00095803	0.00301005	42.954547	41.0896604	23.5392534	11.39099105	8.53497372	13.27208391	Insc
ENSMUSG00000036902	0.36107957	-1.469611301	0.0009625	0.003023	44.7443198	54.7862139	32.2116099	14.49762497	18.77694218	14.29301344	Neto2
ENSMUSG00000030149	0.404051286	-1.30738967	0.00096498	0.00302965	72.485798	190.773423	151.146785	64.20376774	52.06333969	51.04647658	Klrk1
ENSMUSG00000051727	0.319521767	-1.646013877	0.00096991	0.00304399	28.6363647	32.2847332	40.8839664	8.284357128	13.65595795	10.20929532	Kctd14
ENSMUSG00000042213	2.350869255	1.233194305	0.00098436	0.00308709	70.6960252	50.8729129	28.4948857	104.5900087	107.5406689	143.9510639	Zfand4
ENSMUSG00000095298	0.462015149	-1.113987938	0.00098686	0.00309376	56.3778429	78.2660199	90.4402893	33.13742851	37.55388437	32.66974501	Gm12407
ENSMUSG00000046541	2.047802118	1.034076312	0.00099126	0.00310697	165.553983	105.659127	73.0955763	261.9927942	236.418772	210.3114835	Zfp526
ENSMUSG00000059434	74.20681818	6.213479844	0.00099305	0.00311085	0	0.97832525	0	26.92416067	0	55.1301947	Gckr
ENSMUSG00000028017	0.300594748	-1.734108293	0.00099363	0.00311209	43.8494334	124.247307	45.8395987	23.81752674	22.19093167	18.37673157	Egf
ENSMUSG00000044528	0.337733621	-1.566042292	0.00099408	0.00311293	42.0596606	28.3714322	52.0341391	14.49762497	15.3629527	11.23022485	Tram1l1
ENSMUSG00000087001	3.931537521	1.975093623	0.00099897	0.00312708	15.2130687	5.86995149	4.95563229	32.10188387	42.6748686	29.60695641	Gm15475
ENSMUSG00000033998	3.133816949	1.647920912	0.00100376	0.00314036	8.94886395	15.653204	24.7781615	63.1682231	51.20984232	37.77439267	Kcnk1
ENSMUSG00000022215	0.059556986	-4.069585442	0.00100609	0.00314704	19.6875007	459.812867	70.6177601	11.39099105	5.120984232	16.3348725	Fitm1
ENSMUSG00000022445	53.94008566	5.753285907	0.00100792	0.00315219	3.57954558	3.91330099	0	127.3719908	2.560492116	280.7556212	Cyp2d26
ENSMUSG00000066443	14.04082128	3.81155542	0.00101046	0.00315898	0	2.93497575	1.23890807	21.74643746	29.87240802	6.125577189	Gm10163
ENSMUSG00000037016	0.329165811	-1.603113597	0.00101477	0.00317186	81.434662	68.4827674	29.7337937	20.71089282	21.3374343	17.35580204	Frem2
ENSMUSG00000110874	0.259988364	-1.94348104	0.00101544	0.00317336	50.1136381	23.479806	27.2559776	9.319901769	5.974481604	11.23022485	D030045P18Rik
ENSMUSG00000017146	0.338610684	-1.5623006	0.00101707	0.0031767	72.485798	76.3093694	52.0341391	33.13742851	24.75142379	10.20929532	Brca1
ENSMUSG00000099759	0.374415315	-1.417288648	0.00101874	0.00318074	60.8522749	49.8945877	39.6450583	24.85307138	13.65595795	18.37673157	1700030C10Rik
ENSMUSG00000028036	0.474826767	-1.074526828	0.00102031	0.00318448	264.886373	174.141894	226.720177	135.656348	64.0123029	117.4068961	Ptgfr
ENSMUSG00000061068	0.439488248	-1.186103508	0.00102432	0.00319641	210.298303	386.438473	338.221904	202.9667496	121.1966268	86.77901018	Mcpt4
ENSMUSG00000035031	484.332466	8.919853903	0.00102749	0.00320453	0	0	0	85.9502052	0.853497372	187.8510338	C8a
ENSMUSG00000053297	0.362443111	-1.464173526	0.00102911	0.00320898	34.9005694	49.8945877	43.3617825	12.42653569	13.65595795	20.41859063	AI854703
ENSMUSG00000030641	0.274950084	-1.862758369	0.00103431	0.00322222	32.2159102	28.3714322	35.9283341	9.319901769	12.80246058	4.083718126	Ddias
ENSMUSG00000009545	0.401816882	-1.315389914	0.00104778	0.0032618	59.0625021	74.3527189	44.6006906	21.74643746	19.63043956	30.62788595	Kcnq1
ENSMUSG00000074813	0.461565152	-1.11539379	0.00105129	0.00327211	98.4375035	133.052234	127.607531	77.66584808	50.35634495	37.77439267	Gm14005
ENSMUSG00000072591	0.084155382	-3.570800649	0.00105687	0.0032881	8.94886395	13.6965535	44.6006906	2.071089282	3.413989488	0	5930412G12Rik
ENSMUSG00000079363	0.391587565	-1.352593142	0.00105701	0.0032881	786.605142	2406.68011	727.239039	461.8529099	485.6400047	588.0554102	Gbp4
ENSMUSG00000023505	0.430676743	-1.215322676	0.00106728	0.0033164	66.2215933	132.073909	147.430061	53.84832133	48.6493502	45.94182892	Cdca3
ENSMUSG00000050122	2.728884213	1.448311182	0.00107094	0.00332716	17.8977279	15.653204	29.7337937	41.42178564	71.69377925	57.17205377	Vwa3b
ENSMUSG00000028864	0.3299047	-1.599878762	0.00107136	0.00332785	450.127857	147.727113	127.607531	88.02129449	58.03782129	93.9255169	Hgf
ENSMUSG00000093861	0.195290312	-2.356307716	0.00107482	0.00333739	59.0625021	85.1142966	28.4948857	6.213267846	23.04442904	4.083718126	Igkv1-110
ENSMUSG00000029228	2.532808515	1.340738011	0.00108935	0.00337879	83.2244348	40.1113352	28.4948857	131.5141694	140.8270664	115.3650371	Lnx1
ENSMUSG00000038217	0.451800259	-1.146242996	0.00109248	0.00338787	165.553983	154.575389	198.225292	88.02129449	42.6748686	104.1348122	Tlcd2
ENSMUSG00000053004	0.183031339	-2.449837406	0.0011076	0.00343288	16.1079551	31.306408	39.6450583	9.319901769	1.706994744	5.104647658	Hrh1
ENSMUSG00000024109	0.379689877	-1.397106561	0.00111215	0.00344572	37.5852286	45.9812867	40.8839664	19.67534818	15.3629527	12.25115438	Nrxn1
ENSMUSG00000109873	0.282051949	-1.825967186	0.00111855	0.00346427	22.3721599	53.8078887	63.1843117	9.319901769	15.3629527	14.29301344	Gm45407
ENSMUSG00000096606	0.322329999	-1.633389631	0.0011225	0.00347461	136.917618	450.029614	149.907877	106.661098	48.6493502	82.69529205	Tpbgl
ENSMUSG00000029414	0.401660513	-1.315951457	0.00113074	0.00349756	68.9062524	84.1359714	47.0785068	23.81752674	34.99339225	21.43952016	Kntc1
ENSMUSG00000036110	42.40914705	5.406303562	0.00113331	0.00350421	0	0	2.47781615	20.71089282	0.853497372	73.50692627	Slc17a2
ENSMUSG00000044628	0.191214094	-2.386739232	0.00113528	0.00350967	18.7926143	13.6965535	28.4948857	3.106633923	3.413989488	5.104647658	Rnf208
ENSMUSG00000085192	0.296656317	-1.753135592	0.00113714	0.00351478	26.8465919	49.8945877	74.3344844	12.42653569	19.63043956	12.25115438	Gm12195
ENSMUSG00000042581	4.095277433	2.03396119	0.00114208	0.00352875	5.36931837	12.7182282	4.95563229	24.85307138	26.45841853	43.89996986	Thsd7b
ENSMUSG00000024301	0.43248673	-1.209272226	0.00114323	0.00353167	53.6931837	63.5911412	44.6006906	25.88861603	23.89792642	20.41859063	Kifc5b
ENSMUSG00000049598	0.18557813	-2.429901391	0.00114501	0.00353652	14.3181823	46.9596119	30.9727018	7.248812487	7.681476348	2.041859063	Vsig8
ENSMUSG00000042118	72.30802647	6.176083896	0.00115183	0.00355629	0	0.97832525	0	22.7819821	0	57.17205377	Bhmt2
ENSMUSG00000059159	7.053112026	2.818259955	0.00115232	0.00355715	0	7.82660199	8.67235651	53.84832133	38.40738174	21.43952016	Gm8129
ENSMUSG00000033107	0.366109727	-1.449651992	0.00115956	0.00357884	276.519896	115.442379	94.1570135	53.84832133	51.20984232	73.50692627	Rnf125
ENSMUSG00000079225	2.640910519	1.40103542	0.00117566	0.00362589	15.2130687	20.5448302	24.7781615	60.06158918	61.45181078	36.75346313	Gm9531
ENSMUSG00000039209	0.094104047	-3.409599425	0.00119036	0.00366522	7.15909116	30.3280827	22.3003453	0	3.413989488	2.041859063	Rpl39l
ENSMUSG00000031937	0.43660679	-1.19559353	0.00120663	0.00370924	44.7443198	54.7862139	53.2730471	20.71089282	20.48393693	25.52323829	Vstm5
ENSMUSG00000037681	0.229899503	-2.120924747	0.00120995	0.00371878	49.2187517	21.5231555	23.5392534	7.248812487	10.24196846	4.083718126	Esyt3
ENSMUSG00000055612	0.380655975	-1.393440371	0.00121344	0.00372883	70.6960252	68.4827674	105.307186	19.67534818	46.94235546	25.52323829	Cdca7

ENSMUSG00000049721	0.274802756	-1.863531621	0.00121853	0.00374244	29.531251	30.3280827	23.5392534	4.142178564	8.53497372	10.20929532	Gal3st1
ENSMUSG00000039814	0.211190834	-2.243380871	0.0012229	0.0037545	17.8977279	25.4364565	16.1058049	4.142178564	3.413989488	5.104647658	Xkr5
ENSMUSG00000003379	3.625693631	1.858257023	0.00123431	0.00378816	17.0028415	22.5014807	34.689426	64.20376774	160.4575059	41.85811079	Cd79a
ENSMUSG00000039699	0.294233039	-1.764968843	0.00123417	0.00378816	36.6903422	105.659127	56.9897713	26.92416067	20.48393693	11.23022485	Batf2
ENSMUSG00000064343	2.5088552	1.327029207	0.00123682	0.00379404	17.8977279	30.3280827	40.8839664	74.55921415	58.03782129	88.82086924	mt-Tq
ENSMUSG00000105861	0.324195122	-1.625065713	0.0012369	0.00379404	25.0568191	38.1546847	43.3617825	9.319901769	13.65595795	11.23022485	Gm43508
ENSMUSG00000110697	0.281148151	-1.830597534	0.00124884	0.00382721	20.5823871	35.219709	39.6450583	9.319901769	11.09546584	6.125577189	Gm31718
ENSMUSG00000097216	2.603339025	1.380363202	0.00126011	0.00385964	34.005683	15.653204	49.5563229	83.87911592	85.3497372	86.77901018	4932441J04Rik
ENSMUSG00000096991	0.373788353	-1.419706479	0.00126094	0.0038615	53.6931837	102.724151	149.907877	32.10188387	46.94235546	34.71160407	Gm26789
ENSMUSG00000049985	0.217939959	-2.197997358	0.00126284	0.0038659	28.6363647	18.5881797	32.2116099	2.071089282	5.974481604	9.188365784	Ankrd55
ENSMUSG00000001334	0.271630855	-1.880280728	0.0012656	0.00387366	28.6363647	137.94386	105.307186	17.6042589	26.45841853	29.60695641	Fndc5
ENSMUSG00000031444	0.209707571	-2.253549147	0.00126685	0.00387677	78.7500028	248.494613	123.890807	23.81752674	6.827978976	64.31856049	F10
ENSMUSG00000098176	0.437715421	-1.191934882	0.00127096	0.00388724	57.2727293	61.6344907	59.4675875	30.03079459	17.92344481	30.62788595	Ccdc166
ENSMUSG00000020641	5.188598368	2.375344866	0.00127512	0.00389857	309.630693	1321.71741	1661.37573	3605.76644	4922.972842	8553.347615	Rsad2
ENSMUSG00000032079	496.2448877	8.95490843	0.00128235	0.00391854	0	0	0	57.9904999	0.853497372	222.5626379	Apoa5
ENSMUSG00000090329	0.224880102	-2.152772083	0.00128725	0.00393139	16.1079551	31.306408	43.3617825	4.142178564	5.974481604	10.20929532	Gm17160
ENSMUSG00000105568	2.048510885	1.034575559	0.00129143	0.00394345	46.5340926	48.9162624	79.2901166	111.8388212	100.7126899	142.9301344	Gm42971
ENSMUSG00000103251	0.278553722	-1.8439725	0.00130683	0.00398761	25.9517055	65.5477917	107.785002	22.7819821	16.21645007	16.3348725	Gm37519
ENSMUSG00000035165	0.37002561	-1.434302969	0.00130873	0.00399267	34.9005694	37.1763594	34.689426	15.53316962	12.80246058	11.23022485	Kcne3
ENSMUSG00000073405	0.130680023	-2.935889484	0.00132526	0.0040373	11.6335231	27.393107	24.7781615	1.035544641	5.974481604	1.020929532	H2-T-ps
ENSMUSG00000078588	2.433463168	1.283010938	0.00133635	0.00406888	17.0028415	21.5231555	27.2559776	42.45733028	53.77033443	62.27670142	Ccdc24
ENSMUSG00000032338	0.136555312	-2.872442663	0.00134259	0.00408714	9.84375035	39.1330099	19.8225292	1.035544641	5.120984232	3.062788595	Hcn4
ENSMUSG00000038155	0.316341927	-1.660443318	0.00134308	0.0040879	70.6960252	223.058157	69.3788521	34.17297315	46.94235546	33.69067454	Gstp2
ENSMUSG00000024863	73.14682812	6.192723401	0.00135185	0.00411311	0.8948864	0	0	15.53316962	0	65.33949002	Mbl2
ENSMUSG00000107638	3.809031307	1.929424146	0.00135373	0.00411808	8.05397756	6.84827674	3.71672422	24.85307138	23.04442904	24.50230876	Gm30524
ENSMUSG00000053101	0.398558686	-1.327135925	0.00135424	0.00411816	59.0625021	99.7891754	80.5290247	37.27960708	18.77694218	39.81625173	Gpr141
ENSMUSG00000043498	0.143438006	-2.801500758	0.00136953	0.00415793	26.8465919	11.739903	16.1058049	3.106633923	0.853497372	4.083718126	9330132A10Rik
ENSMUSG00000097136	0.303366044	-1.720868481	0.00137398	0.00417011	29.531251	74.3527189	100.351554	15.53316962	19.63043956	26.54416782	Gm26772
ENSMUSG00000081214	3.753132682	1.908095294	0.00138819	0.00421083	7.15909116	29.3497575	23.5392534	102.5189195	83.64274245	37.77439267	Rpl35a-ps2
ENSMUSG00000102437	3.602776804	1.849109278	0.00140059	0.00424463	8.05397756	15.653204	8.67235651	21.74643746	52.06333969	42.87904032	Gm38048
ENSMUSG00000097707	0.254339254	-1.975173956	0.00141393	0.004282	26.8465919	68.4827674	112.740635	9.319901769	24.75142379	18.37673157	Gm26742
ENSMUSG00000022871	29.09761684	4.862829093	0.0014142	0.00428204	7.15909116	3.91330099	1.23890807	93.19901769	2.560492116	266.4626077	Fetub
ENSMUSG00000045441	0.399460125	-1.323876598	0.00141845	0.00429415	123.494323	86.0926219	90.4402893	36.24406244	23.04442904	61.25577189	Gprin3
ENSMUSG00000050299	2.31927174	1.213671865	0.00142443	0.00431072	35.7954558	76.3093694	70.6177601	159.4738747	166.4319875	95.96737596	Gm9843
ENSMUSG00000037833	0.4955274	-1.012963262	0.00143595	0.00434325	71.5909116	87.0709471	68.139944	38.31515172	30.72590539	43.89996986	Sh2d4b
ENSMUSG00000021751	26.78339303	4.743266833	0.0014547	0.0043929	0.8948864	1.9566505	1.23890807	23.81752674	0	85.75808065	Acox2
ENSMUSG00000083822	0.098578557	-3.342582327	0.00147506	0.00444882	8.05397756	40.1113352	30.9727018	0	1.706994744	6.125577189	Hmgb1-ps5
ENSMUSG00000085501	0.212862672	-2.232005118	0.00148741	0.00448289	12.5284095	33.2630585	54.5119552	6.213267846	6.827978976	8.167436252	Gm11772
ENSMUSG00000031173	344.9386839	8.430196122	0.00149229	0.00449581	0	0	0	55.91941062	0.853497372	138.8464163	Otc
ENSMUSG00000046856	0.327565229	-1.610145873	0.00149509	0.00450281	34.005683	25.4364565	32.2116099	12.42653569	8.53497372	9.188365784	Gpr1
ENSMUSG00000063296	2.913246678	1.542627866	0.00151289	0.0045532	17.0028415	75.3310441	38.4061503	137.7274373	120.3431294	122.5115438	Tmem117
ENSMUSG00000097625	4.165618723	2.058530796	0.00153967	0.00462803	4.47443198	6.84827674	3.71672422	19.67534818	23.04442904	20.41859063	Gm26561
ENSMUSG00000048852	0.276254476	-1.855930253	0.00154496	0.00464312	42.0596606	134.030559	42.1228745	24.85307138	22.19093167	13.27208391	Gm12185
ENSMUSG00000026390	0.051729461	-4.272870031	0.00155309	0.00466589	1.78977279	55.7645392	19.8225292	2.071089282	0	2.041859063	Marco
ENSMUSG00000051969	0.086264798	-3.535084226	0.00155525	0.00467071	24.1619327	28.3714322	3.71672422	1.035544641	0.853497372	3.062788595	Tlr11
ENSMUSG00000087594	2.588442206	1.372084107	0.00155791	0.00467788	17.8977279	20.5448302	12.3890807	35.20851779	50.35634495	46.96275845	BC039771
ENSMUSG00000041046	0.1986392	-2.331777738	0.00155859	0.00467889	16.1079551	39.1330099	29.7337937	7.248812487	1.706994744	8.167436252	Ramp3
ENSMUSG00000032221	0.362224973	-1.465042079	0.00157032	0.00471014	51.9034109	65.5477917	32.2116099	19.67534818	21.3374343	13.27208391	Mns1
ENSMUSG00000022322	0.341602876	-1.549607974	0.00157261	0.00471616	68.9062524	82.1793209	34.689426	27.95970531	13.65595795	22.46044969	Shcbp1
ENSMUSG00000056508	2.530497955	1.339421308	0.00158454	0.00475026	17.8977279	12.7182282	21.0614372	47.63505349	37.55388437	44.92089939	1700001K19Rik
ENSMUSG00000102329	0.211382819	-2.242069975	0.00159003	0.00476165	34.005683	11.739903	30.9727018	5.177723205	6.827978976	4.083718126	Gm10851
ENSMUSG00000079056	0.483891631	-1.047244106	0.0015953	0.0047766	85.909094	84.1359714	87.9624732	39.35069636	29.87240802	56.15112423	Kcnip3
ENSMUSG00000111000	5.338323788	2.416386813	0.00159593	0.00477678	6.26420477	3.91330099	1.23890807	24.85307138	23.89792642	14.29301344	Gm47108
ENSMUSG00000052920	2.198483275	1.136508557	0.00160191	0.00479299	555.724452	273.93107	178.402762	780.8006593	744.2497084	695.253011	Prkg1
ENSMUSG00000015452	0.472034985	-1.083034305	0.00160295	0.00479442	51.9034109	68.4827674	78.0512086	27.95970531	31.57940276	33.69067454	Ager
ENSMUSG00000102277	0.178253372	-2.487998726	0.00163818	0.00489027	12.5284095	46.9596119	96.6348297	10.35544641	4.26748686	13.27208391	A130050O07Rik
ENSMUSG00000034768	0.17920183	-2.480342725	0.00164939	0.00491941	22.3721599	207.404953	37.1672422	20.71089282	11.94896321	15.31394297	Asb16
ENSMUSG00000022818	0.270528244	-1.886148871	0.00165388	0.00493106	19.6875007	22.5014807	26.0170695	6.213267846	5.120984232	7.146506721	Cyp2ab1
ENSMUSG00000042724	0.33149129	-1.592957131	0.00165572	0.00493568	33.1107966	47.9379372	28.4948857	14.49762497	13.65595795	8.167436252	Map3k9
ENSMUSG00000057346	0.332851763	-1.587048285	0.00165603	0.00493575	39.3750014	120.334006	125.129715	30.03079459	23.89792642	40.83718126	Apol9a
ENSMUSG00000030834	4.805164039	2.264585683	0.00165747	0.00493916	11.6335231	6.84827674	8.67235651	34.17297315	15.3629527	81.67436252	Abcc6
ENSMUSG00000107608	4.015440145	2.005558135	0.00166037	0.00494692	6.26420477	9.78325249	2.47781615	26.92416067	25.60492116	23.48137923	Gm43863
ENSMUSG00000039748	0.221664135	-2.173552735	0.00166925	0.00496988	25.0568191	39.1330099	16.1058049	4.142178564	9.388471092	4.083718126	Exo1
ENSMUSG00000036523	0.299313207	-1.740272157	0.00167035	0.00497097	162.869324	225.014807	142.474428	38.31515172	102.4196846	17.35580204	Greb1
ENSMUSG00000031756	0.352330039	-1.505000613	0.00167167	0.00497359	64.4318205	73.3743936	30.9727018	24.85307138	19.63043956	15.31394297	Cenpn
ENSMUSG00000095597	2.492430077	1.317553032	0.00167291	0.00497641	27.7414783	37.1763594	29.7337937	82.84357128	106.6871715	45.94182892	Gm6472
ENSMUSG00000085024	0.409761739	-1.287142815	0.00168304	0.00500497	50.1136381	51.8512382	47.0785068	16.56871426	16.21645007	28.58602688	C230035I16Rik
ENSMUSG00000026994	0.121805503	-3.03734878	0.00169326	0.00503085	17.8977279	30.3280827	12.3890807	0	5.120984232	2.041859063	Galnt3
ENSMUSG00000109735	2.750611677	1.459752479	0.001696	0.00503803	13.4232959	12.7182282	9.91126458	31.06633923	34.13989488	34.71160407	Gm45667
ENSMUSG00000098651	3.74053588	1.90324497	0.00170313	0.00505742	8.05397756	6.84827674	3.71672422	21.74643746	24.75142379	24.50230876	Mir6999
ENSMUSG00000042248	319.49913	8.319668192	0.00170649	0.00506562	0	0	0	46.59950885	0.853497372	133.7417686	Cyp2c37
ENSMUSG00000068587	12.12180544	3.599532687	0.00171005	0.00507352	1.78977279	11.739903	1.23890807	50.74168741	3.413989488	126.5952619	Mgam
ENSMUSG00000030739	0.257947087	-1.954852938	0.00171357	0.00508219	25.9517055	149.683763	63.1843117	19.67534818	20.48393693	21.43952016	Myh14
ENSMUSG00000038459	0.488533655	-1.033470141	0.00171473	0.00508385	219.247167	293.497575	431.140009	133.5852587	116.92914	210.3114835	Abhd17c
ENSMUSG00000020974	0.462157073	-1.113544833	0.00171861	0.00509269	124.389209	72.3960684	84.2457489	38.31515172	54.62383181	36.75346313	Pole2
ENSMUSG00000029212	0.297895006	-1.747124157	0.00172552	0.00511137	42.0596606	24.4581312	45.8395987	13.46208033	5.974481604	14.29301344	Gabrb1
ENSMUSG00000013523	0.430508682	-1.215885761	0.00172619	0.00511246	50.1136381	70.4394179	60.7064956	25.88861603	33.28639751	18.37673157	Bcas1
ENSMUSG00000074345	0.33625918	-1.572354441	0.00173979	0.00514823	115.440345	80.2226704	33.450518	24.85307138	23.04442904	29.60695641	Tnfaip8l3
ENSMUSG00000076586	0.043269932	-4.530491322	0.00173938	0.00514823	81.434662	46.9596119	0	2.071089282	3.413989488	0	Igkv8-21
ENSMUSG00000104291	0.284395106	-1.814031458	0.00174052	0.00514949	59.0625021	205.448302	340.69972	37.27960708	86.20323457	47.98368798	A130071D04Rik
ENSMUSG00000086736	5.76947179	2.528439243	0.00174093	0.00514979	2.68465919	4.89162624	3.71672422	11.39099105	35.84688962	17.35580204	Gm14902
ENSMUSG00000105541	2.950995268	1.561201608	0.00174744	0.00516725	9.84375035	11.739903	11.1501727	25.88861603	30.72590539	39.81625173	Gm43136
ENSMUSG00000044006	2.207049047	1.142118691	0.00176209	0.00520738	84.1193212	38.1546847	54.5119552	111.8388212	114.3686478	165.3905841	Cilp2
ENSMUSG00000045625	0.436743269	-1.195142627	0.00176224	0.00520738	97.5426171	68.4827674	68.139944	32.10188387	23.89792642	46.96275845	Pigz
ENSMUSG00000039057	0.208417764	-2.262449845	0.00176664	0.00521947	15.2130687	22.5014807	26.0170695	4.142178564	6.827978976	2.041859063	Myo16
ENSMUSG00000103851	0.345720127	-1.532323498	0.00177516	0.00524191	58.1676157	89.0275976	209.375464	40.386241	43.52836597	38.7953222	Gm37606
ENSMUSG00000085315	2.153170634	1.106462654	0.00179084	0.00528635	31.3210238	25.4364565	39.6450583	80.772482	55.47732918	70.44413768	A430018G15Rik
ENSMUSG00000073295	2.344612767	1.229349669	0.00179619	0.00529846	17.0028415	24.4581312	27.2559776	62.13267846	53.77033443	43.89996986	Nudt11
ENSMUSG00000085642	3.043369122	1.605669325	0.0017969	0.00529964	11.6335231	14.6748787	6.19454036	32.10188387	37.55388437	30.62788595	3110053B16Rik
ENSMUSG00000019320	3.345768755	1.742337736	0.0017981	0.00530226	27.7414783	6.84827674	12.3890807	42.45733028	58.03782129	58.1929833	Noxo1
ENSMUSG00000031147	0.41584712	-1.265874853	0.00180515	0.00532118	51.0085245	74.3527189	43.3617825	27.95970531	23.04442904	19.3976611	Magix
ENSMUSG00000107451	2.407944762	1.267802297	0.0018162	0.00535098	16.1079551	24.4581312	29.7337937	52.81277669	67.42629239	46.96275845	Gm44421
ENSMUSG00000059674	0.346347747	-1.529706808	0.00182092	0.00536115	55.4829565	34.2413837	50.795231	24.85307138	12.80246058	11.23022485	Cdh24

ENSMUSG00000105282	0.330202554	-1.598576818	0.00182375	0.00536854	38.480115	127.182282	136.279888	24.85307138	36.70038699	37.77439267	Gm42981
ENSMUSG00000044667	0.345784229	-1.532056026	0.00182887	0.00538173	25.0568191	43.0463109	52.0341391	13.46208033	14.50945532	13.27208391	Plppr4
ENSMUSG00000055775	0.05611379	-4.155500828	0.00184001	0.00541359	106.491481	374.69857	376.628054	43.49287492	1.706994744	3.062788595	Myh8
ENSMUSG00000105383	2.297762664	1.200229789	0.00184614	0.00542878	46.5340926	40.1113352	19.8225292	96.30565161	77.66826085	73.50692627	Gm42641
ENSMUSG00000078234	0.400782289	-1.31910934	0.00185767	0.00545796	537.826724	176.098545	263.887419	158.4383301	86.20323457	148.0347821	Klhdc7a
ENSMUSG00000050777	0.375972705	-1.411300166	0.00185983	0.00546336	49.2187517	110.550753	99.1126458	34.17297315	20.48393693	42.87904032	Tmem37
ENSMUSG00000085636	0.300523759	-1.734449041	0.00186237	0.0054689	22.3721599	28.3714322	49.5563229	9.319901769	9.388471092	11.23022485	Gm11769
ENSMUSG00000045180	0.461121771	-1.116780314	0.00187496	0.00550302	161.974438	138.922185	99.1126458	73.52366951	37.55388437	74.5278558	Shroom2
ENSMUSG00000021880	0.408595744	-1.29125392	0.00189155	0.00554787	49.2187517	110.550753	100.351554	37.27960708	40.96787385	27.56509735	Rnase6
ENSMUSG00000104235	4.352543521	2.121858724	0.00189229	0.00554908	16.1079551	4.89162624	3.71672422	26.92416067	51.20984232	31.64881548	Gm37589
ENSMUSG00000102953	2.351564671	1.233621008	0.00189687	0.00556059	30.4261374	18.5881797	17.344713	49.70614277	53.77033443	54.10926517	Gm37019
ENSMUSG00000061947	61.20202305	5.935507437	0.0018973	0.00556088	0.8948864	0	0	21.74643746	0	45.94182892	Serpina10
ENSMUSG00000097075	0.331484475	-1.592986793	0.00190789	0.00558708	42.0596606	34.2413837	29.7337937	14.49762497	6.827978976	14.29301344	D830044I16Rik
ENSMUSG00000016526	4.677491222	2.225734946	0.00191844	0.00561411	5.36931837	4.89162624	3.71672422	14.49762497	17.92344481	33.69067454	Dyrk3
ENSMUSG00000106543	0.11155087	-3.164226328	0.00192082	0.00561913	4.47443198	19.566505	44.6006906	2.071089282	3.413989488	2.041859063	Gm43378
ENSMUSG00000085095	0.237199522	-2.075826992	0.00193512	0.00565653	69.8011388	45.9812867	16.1058049	12.42653569	5.974481604	13.27208391	Gm15635
ENSMUSG00000002769	16.74048705	4.065269597	0.00194508	0.0056842	11.6335231	13.6965535	11.1501727	133.5852587	6.827978976	470.648514	Gnmt
ENSMUSG00000054459	0.420491016	-1.249853117	0.00197275	0.00576009	48.3238654	42.0679857	58.2286794	24.85307138	15.3629527	22.46044969	Vsnl1
ENSMUSG00000031262	0.414541542	-1.270411411	0.00197954	0.00577793	52.7982973	45.0029614	73.0955763	16.56871426	28.16541327	25.52323829	Cenpi
ENSMUSG00000040287	0.142789101	-2.808042231	0.00197942	0.00577793	110.965913	726.89566	116.457359	59.02604454	32.43290013	44.92089939	Stac3
ENSMUSG00000027895	7.871977778	2.976726148	0.00199685	0.00581843	21.4772735	181.968496	23.5392534	665.8552042	497.5889679	624.8088733	Kcnc4
ENSMUSG00000034573	0.448237189	-1.157665744	0.0020025	0.00583287	578.991498	270.017769	210.614372	161.544964	135.7060821	178.662668	Ptpn13
ENSMUSG00000027261	64.80237492	6.017974782	0.00200721	0.00584459	0	0	1.23890807	13.46208033	0	58.1929833	Hao1
ENSMUSG00000007021	2.504129334	1.324309077	0.00201244	0.0058558	24.1619327	18.5881797	18.5836211	48.67059813	37.55388437	68.40227861	Syngr3
ENSMUSG00000105112	3.376115572	1.755364292	0.00201214	0.0058558	46.5340926	14.6748787	9.91126458	82.84357128	93.88471092	66.36041955	Gm42778
ENSMUSG00000099773	0.267286208	-1.903542698	0.00202478	0.00588764	16.1079551	36.1980342	40.8839664	6.213267846	10.24196846	8.167436252	Hmgb1-rs16
ENSMUSG00000022429	2.164519059	1.114046504	0.0020362	0.00591577	23.2670463	26.4147817	34.689426	56.95495526	52.91683706	71.46506721	Dmc1
ENSMUSG00000088549	0.242017101	-2.046819105	0.00203693	0.00591687	17.0028415	44.0246362	60.7064956	10.35544641	13.65595795	5.104647658	Gm24959
ENSMUSG00000018570	0.341621206	-1.549530563	0.00203939	0.00592302	39.3750014	26.4147817	59.4675875	16.56871426	12.80246058	13.27208391	2810408A11Rik
ENSMUSG00000072955	3.232669193	1.692725881	0.00204194	0.00592838	9.84375035	13.6965535	8.67235651	49.70614277	31.57940276	23.48137923	Tmsb15l
ENSMUSG00000052212	0.199120324	-2.328287614	0.00209393	0.0060608	24.1619327	90.0059229	17.344713	7.248812487	6.827978976	12.25115438	Cd177
ENSMUSG00000018893	0.043644004	-4.518072726	0.00211541	0.0061113	205.823871	3531.75415	723.522314	165.6871426	7.681476348	21.43952016	Mb
ENSMUSG00000030041	0.332676399	-1.587808575	0.00213471	0.00616285	33.1107966	53.8078887	58.2286794	16.56871426	23.04442904	8.167436252	M1ap
ENSMUSG00000097467	0.176981228	-2.498331747	0.00213884	0.00617315	17.8977279	16.6315292	26.0170695	1.035544641	2.560492116	7.146506721	Gm26737
ENSMUSG00000105096	0.185657237	-2.429286538	0.00215543	0.00621687	17.0028415	77.2876946	22.3003453	3.106633923	10.24196846	8.167436252	Gbp10
ENSMUSG00000105224	0.315221675	-1.665561356	0.00215703	0.00621987	37.5852286	81.2009956	157.341325	22.7819821	28.16541327	35.7325336	Gm3364
ENSMUSG00000029797	0.301222025	-1.731100833	0.00215748	0.00622012	62.6420477	31.306408	24.7781615	14.49762497	9.388471092	12.25115438	Sspo
ENSMUSG00000050541	2.316018011	1.211646473	0.00216985	0.00625152	29.531251	30.3280827	30.9727018	75.59475879	44.38186334	90.86272831	Adra1b
ENSMUSG00000097295	0.317206774	-1.656504513	0.00217321	0.00625907	31.3210238	121.312331	131.324256	32.10188387	28.16541327	29.60695641	Hmgb1-ps8
ENSMUSG00000048826	0.463912788	-1.108074481	0.00217601	0.006265	81.434662	87.0709471	78.0512086	54.88386597	26.45841853	33.69067454	Dact2
ENSMUSG00000087632	0.361240291	-1.46896928	0.00218347	0.00628435	36.6903422	88.0492724	110.262818	30.03079459	23.04442904	31.64881548	Gm6058
ENSMUSG00000031637	0.254781833	-1.972665683	0.00218432	0.00628573	29.531251	109.572428	30.9727018	11.39099105	13.65595795	18.37673157	Lrp2bp
ENSMUSG00000096010	4.535220441	2.181172677	0.00218889	0.00629779	3.57954558	2.93497575	9.91126458	23.81752674	30.72590539	17.35580204	Hist4h4
ENSMUSG00000089317	2.750624361	1.459759132	0.00219207	0.00630588	17.0028415	10.7615777	13.6279888	43.49287492	28.16541327	42.87904032	Snord123
ENSMUSG00000109644	4.095273139	2.033959677	0.00220198	0.00633222	18.7926143	7.82660199	4.95563229	43.49287492	23.04442904	65.33949002	0610005C13Rik
ENSMUSG00000036960	0.237326433	-2.075055302	0.00220306	0.00633425	30.4261374	17.6098545	17.344713	6.213267846	3.413989488	6.125577189	Clca2
ENSMUSG00000091405	3.35913368	1.74808921	0.0022048	0.0063382	25.0568191	7.82660199	9.91126458	45.5639642	64.0123029	35.7325336	Hist2h4
ENSMUSG00000044461	0.350698624	-1.511696323	0.00221487	0.00636605	110.071027	207.404953	58.2286794	59.02604454	32.43290013	40.83718126	Shisa2
ENSMUSG00000034450	11.12251943	3.475411714	0.00221901	0.00637687	3.57954558	2.93497575	1.23890807	42.45733028	1.706994744	43.89996986	Gulo
ENSMUSG00000030703	0.457693187	-1.127547278	0.00222432	0.00639105	66.2215933	63.5911412	66.9010359	38.31515172	19.63043956	32.66974501	Gdpd3
ENSMUSG00000025380	5.407157064	2.434870264	0.00222494	0.00639175	4.47443198	3.91330099	1.23890807	12.42653569	18.77694218	22.46044969	Fscn2
ENSMUSG00000004709	0.448574746	-1.156579695	0.0022429	0.00643613	63.5369341	117.39903	65.6621278	41.42178564	36.70038699	32.66974501	Cd244
ENSMUSG00000043155	2.816189997	1.49374467	0.00224305	0.00643613	9.84375035	16.6315292	11.1501727	40.386241	28.16541327	37.77439267	Hpdl
ENSMUSG00000047216	0.326216715	-1.616097388	0.00225155	0.00645834	325.738648	144.792137	91.6791974	81.80802664	29.87240802	72.48599674	Cdh19
ENSMUSG00000096336	0.148077927	-2.755571492	0.00225416	0.00646474	48.3238654	62.6128159	16.1058049	0	8.53497372	10.20929532	Igkv1-135
ENSMUSG00000028020	0.2457441	-2.024771315	0.00225676	0.00646891	34.9005694	13.6965535	49.5563229	9.319901769	8.53497372	6.125577189	Glrb
ENSMUSG00000091994	2.082266209	1.058154523	0.00225809	0.00647161	52.7982973	36.1980342	28.4948857	78.70139272	73.40077399	94.94644643	E130317F20Rik
ENSMUSG00000102202	2.145220973	1.101126263	0.00227441	0.00651397	20.5823871	25.4364565	29.7337937	48.67059813	56.33082655	56.15112423	Gm33280
ENSMUSG00000085779	2.570382866	1.361983269	0.0023075	0.00659871	60.8522749	231.863084	123.890807	252.6728924	343.1059435	474.7322322	Atcayos
ENSMUSG00000047638	0.307360879	-1.701994546	0.00230881	0.00660132	52.7982973	40.1113352	34.689426	10.35544641	6.827978976	22.46044969	Nr1h4
ENSMUSG00000108132	4.142468613	2.050490766	0.00232452	0.00663952	5.36931837	12.7182282	2.47781615	22.7819821	34.13989488	29.60695641	Gm44175
ENSMUSG00000025163	2.578078702	1.366296306	0.00234647	0.00669882	16.1079551	38.1546847	23.5392534	84.91466056	49.50284757	66.36041955	Cd7
ENSMUSG00000073785	6.931037314	2.793071285	0.00236393	0.00674641	7.15909116	1.9566505	0	15.53316962	27.3119159	23.48137923	Krtap5-5
ENSMUSG00000104867	0.160203098	-2.64202605	0.00236503	0.00674841	8.05397756	25.4364565	50.795231	6.213267846	5.120984232	2.041859063	Gm43728
ENSMUSG00000079434	2.334244658	1.222955782	0.00237001	0.00675921	25.0568191	54.7862139	27.2559776	76.63030344	75.10776873	99.03016456	Neu2
ENSMUSG00000021364	188.8199754	7.560867586	0.00238985	0.0068112	0.8948864	0	1.23890807	131.5141694	0	265.4416782	Elovl2
ENSMUSG00000022868	15.56294282	3.960042983	0.00239045	0.00681177	64.4318205	59.6778402	44.6006906	736.2722398	23.04442904	1867.280113	Ahsg
ENSMUSG00000025175	2.113371323	1.079546274	0.00242645	0.00690273	28.6363647	54.7862139	33.450518	77.66584808	76.81476348	92.90458737	Fn3k
ENSMUSG00000073805	0.311631906	-1.682085145	0.00243993	0.00693641	59.9573885	189.795098	376.628054	70.41703559	52.06333969	72.48599674	Fam196a
ENSMUSG00000073000	2.434817467	1.28381362	0.00244283	0.00694232	22.3721599	16.6315292	14.8668969	50.74168741	35.84688962	45.94182892	Gm10451
ENSMUSG00000100053	3.681028377	1.880108872	0.00251626	0.00713305	7.15909116	3.91330099	7.43344844	26.92416067	20.48393693	20.41859063	Gm28154
ENSMUSG00000037846	0.337578336	-1.566705771	0.00253056	0.00716879	26.8465919	24.4581312	28.4948857	8.284357128	9.388471092	9.188365784	Rtkn2
ENSMUSG00000024033	2.092976853	1.065556356	0.00253607	0.00718079	30.4261374	42.0679857	27.2559776	67.31040167	83.64274245	58.1929833	Rsph1
ENSMUSG00000104388	0.343251778	-1.5426609	0.00255145	0.00721589	82.3295484	257.29954	465.829435	88.02129449	93.03121354	94.94644643	Gm37033
ENSMUSG00000100755	2.564296732	1.358563215	0.00255515	0.00722397	26.8465919	28.3714322	40.8839664	73.52366951	122.9036216	47.98368798	Rps23-ps1
ENSMUSG00000104154	0.211759743	-2.239499749	0.00255596	0.00722505	10.7386367	34.2413837	55.7508633	5.177723205	6.827978976	9.188365784	Gm38104
ENSMUSG00000037798	227.1294848	7.827371191	0.00256486	0.00724658	0	1.9566505	2.47781615	249.5662585	0	746.2994875	Mat1a
ENSMUSG00000031647	2.02459144	1.017630804	0.00256731	0.00725228	384.80115	345.348813	235.392534	562.3007401	407.1182464	988.2597865	Mfap3l
ENSMUSG00000094806	139.8201595	7.127428576	0.00258588	0.00729865	0	0	2.47781615	101.4833748	0.853497372	225.6254265	Cyp2d10
ENSMUSG00000039661	0.334672153	-1.579179581	0.00259104	0.00731198	23.2670463	59.6778402	49.5563229	16.56871426	15.3629527	12.25115438	Dusp26
ENSMUSG00000053338	0.248146755	-2.010734505	0.00259904	0.00733336	16.1079551	25.4364565	19.8225292	4.142178564	6.827978976	4.083718126	Tarm1
ENSMUSG00000024694	230.8054235	7.850533315	0.00261212	0.00736657	0	0	0	27.95970531	0.853497372	102.0929532	Keg1
ENSMUSG00000043811	0.361627589	-1.46742335	0.00262518	0.00739972	43.8494334	28.3714322	56.9897713	13.46208033	12.80246058	20.41859063	Rtn4r
ENSMUSG00000025185	0.473430879	-1.078774288	0.0026401	0.0074368	196.875007	102.724151	113.979543	84.91466056	55.47732918	56.15112423	Loxl4
ENSMUSG00000102297	0.250306931	-1.998229857	0.0026542	0.00747033	19.6875007	59.6778402	75.5733924	19.67534818	5.974481604	13.27208391	5730585A16Rik
ENSMUSG00000024481	0.221303692	-2.175900576	0.0026639	0.00749264	59.0625021	26.4147817	18.5836211	12.42653569	7.681476348	3.062788595	Lvrn
ENSMUSG00000108033	4.231299018	2.081100642	0.00268611	0.00754883	9.84375035	1.9566505	6.19454036	19.67534818	27.3119159	29.60695641	Gm44284
ENSMUSG00000070547	0.240380115	-2.056610536	0.00271402	0.00761967	37.5852286	50.8729129	17.344713	10.35544641	11.94896321	3.062788595	Mrgprb1
ENSMUSG00000022236	0.250294079	-1.998303931	0.00275215	0.00771396	17.8977279	20.5448302	34.689426	3.106633923	6.827978976	8.167436252	Ropn1l
ENSMUSG00000050357	0.352304685	-1.505104435	0.00275423	0.00771851	29.531251	55.7645392	39.6450583	17.6042589	17.06994744	9.188365784	Carmil2
ENSMUSG00000026815	4.266492402	2.093050479	0.00275967	0.0077299	5.36931837	5.86995149	6.19454036	15.53316962	17.92344481	40.83718126	Gfi1b
ENSMUSG00000032081	18.90087926	4.240381444	0.00278855	0.00780225	13.4232959	6.84827674	7.43344844	128.4075355	3.413989488	393.0578696	Apoc3
ENSMUSG00000054320	0.374735031	-1.416057245	0.00278872	0.00780225	29.531251	36.1980342	32.2116099	10.35544641	11.09546584	15.31394297	Lrrc36

ENSMUSG00000106732	0.302532991	-1.72483562	0.00279367	0.0078135	23.2670463	60.6561654	79.2901166	11.39099105	22.19093167	15.31394297	Gm43792
ENSMUSG00000039021	3.984146094	1.99427055	0.0027945	0.00781454	11.6335231	5.86995149	2.47781615	33.13742851	27.3119159	21.43952016	Ttc16
ENSMUSG00000029683	0.072958435	-3.776781406	0.00280188	0.00783258	35.7954558	358.067041	126.368623	30.03079459	5.974481604	2.041859063	Lmod2
ENSMUSG00000045349	0.27878811	-1.842759061	0.00281313	0.00785886	24.1619327	25.4364565	35.9283341	3.106633923	10.24196846	10.20929532	Sh2d5
ENSMUSG00000069922	777.8506796	9.603349424	0.00281589	0.00786524	0	0.97832525	0	250.6018031	0	608.4740008	Ces3a
ENSMUSG00000107350	3.091412206	1.628266035	0.00284055	0.00793022	9.84375035	7.82660199	7.43344844	22.7819821	24.75142379	30.62788595	Gm19610
ENSMUSG00000026669	0.377382162	-1.405901862	0.00286052	0.00798202	46.5340926	53.8078887	60.7064956	15.53316962	12.80246058	32.66974501	Mcm10
ENSMUSG00000037942	29.86484112	4.900376142	0.00289577	0.00807109	0.8948864	1.9566505	0	20.71089282	0	67.38134908	Crp
ENSMUSG00000039653	25.5137833	4.673204939	0.00289972	0.00808075	0.8948864	0.97832525	1.23890807	16.56871426	0	62.27670142	Baat
ENSMUSG00000027077	0.091133976	-3.455867173	0.00294107	0.00817985	7.15909116	135.008884	11.1501727	10.35544641	1.706994744	2.041859063	Smtnl1
ENSMUSG00000106720	0.221779337	-2.17280314	0.00294659	0.00819383	13.4232959	21.5231555	35.9283341	4.142178564	3.413989488	8.167436252	Gm43795
ENSMUSG00000046593	7.001331373	2.807629291	0.00296175	0.00823196	0.8948864	2.93497575	4.95563229	36.24406244	11.09546584	12.25115438	Tmem215
ENSMUSG00000000409	0.466016235	-1.101547878	0.00300883	0.00835457	75.1704572	162.401991	136.279888	54.88386597	71.69377925	46.96275845	Lck
ENSMUSG00000075410	0.360503946	-1.471913043	0.00301145	0.00836047	71.5909116	45.0029614	83.0068409	39.35069636	14.50945532	18.37673157	Prcd
ENSMUSG00000109268	0.191207395	-2.386789773	0.00301248	0.00836196	12.5284095	16.6315292	40.8839664	2.071089282	5.974481604	5.104647658	9530078K11Rik
ENSMUSG00000087500	2.795136114	1.482918539	0.00301937	0.00837972	16.1079551	10.7615777	11.1501727	24.85307138	40.11437648	41.85811079	Gm12426
ENSMUSG00000029828	2.174112628	1.12042668	0.00306437	0.00849209	17.8977279	26.4147817	29.7337937	57.9904999	48.6493502	53.08833564	4921507P07Rik
ENSMUSG00000081487	0.390716974	-1.355804163	0.00306944	0.00850335	48.3238654	72.3960684	122.651899	23.81752674	29.01891065	41.85811079	Gm13689
ENSMUSG00000031504	0.366885717	-1.446597354	0.00307391	0.00851433	45.6392062	145.770462	91.6791974	23.81752674	40.96787385	38.7953222	Rab20
ENSMUSG00000104324	2.622565227	1.390978655	0.00310133	0.00858608	16.1079551	22.5014807	16.1058049	28.99524995	56.33082655	58.1929833	Gm37320
ENSMUSG00000020411	2.125129386	1.08755068	0.00311003	0.00860593	26.8465919	33.2630585	23.5392534	54.88386597	50.35634495	73.50692627	Nipal4
ENSMUSG00000031530	0.386439676	-1.371684871	0.00312524	0.00863814	144.07671	51.8512382	66.9010359	37.27960708	29.01891065	35.7325336	Dusp4
ENSMUSG00000032452	0.348491624	-1.520804113	0.00312485	0.00863814	74.2755708	34.2413837	66.9010359	31.06633923	17.92344481	12.25115438	Clstn2
ENSMUSG00000097222	2.47189704	1.305618653	0.00314383	0.00868528	57.2727293	39.1330099	17.344713	75.59475879	103.273182	105.1557417	1010001N08Rik
ENSMUSG00000097350	2.14515314	1.101080644	0.00314638	0.00869091	35.7954558	37.1763594	34.689426	48.67059813	92.17771617	89.84179877	4732491K20Rik
ENSMUSG00000053030	0.254030525	-1.976926228	0.00315376	0.00870987	21.4772735	18.5881797	16.1058049	4.142178564	5.974481604	4.083718126	Spink2
ENSMUSG00000067389	2.145483923	1.10130309	0.00315999	0.00872422	49.2187517	25.4364565	32.2116099	62.13267846	85.3497372	82.69529205	Gm17080
ENSMUSG00000086451	0.421823866	-1.245287372	0.00315956	0.00872422	59.0625021	40.1113352	56.9897713	30.03079459	19.63043956	16.3348725	4933431K23Rik
ENSMUSG00000097194	0.342833862	-1.544418483	0.00320522	0.00883758	34.9005694	79.2443451	48.3174148	10.35544641	25.60492116	19.3976611	9330175E14Rik
ENSMUSG00000091955	0.309195662	-1.693408016	0.00321974	0.00887472	22.3721599	35.219709	34.689426	10.35544641	5.120984232	13.27208391	Gm9844
ENSMUSG00000024411	0.084116174	-3.57147296	0.00322338	0.00888331	8.05397756	70.4394179	3.71672422	3.106633923	0.853497372	3.062788595	Aqp4
ENSMUSG00000087294	0.165587447	-2.594334787	0.00323809	0.0089224	6.26420477	34.2413837	50.795231	4.142178564	7.681476348	3.062788595	Gm13556
ENSMUSG00000085645	2.622447292	1.390913777	0.0032547	0.00896525	38.480115	12.7182282	19.8225292	69.38149095	63.15880553	55.1301947	Hoxb5os
ENSMUSG00000097352	0.31831395	-1.651477712	0.00326066	0.00898022	36.6903422	41.0896604	28.4948857	11.39099105	17.06994744	5.104647658	C920009B18Rik
ENSMUSG00000047631	14.81488672	3.88897569	0.00326801	0.00899897	0	6.84827674	2.47781615	31.06633923	1.706994744	105.1557417	Apof
ENSMUSG00000035964	0.235085019	-2.088745489	0.00327484	0.00901339	16.1079551	15.653204	33.450518	4.142178564	6.827978976	4.083718126	Tmem59l
ENSMUSG00000039620	2.06160504	1.043767969	0.00327468	0.00901339	64.4318205	42.0679857	34.689426	78.70139272	93.03121354	121.4906143	6430573F11Rik
ENSMUSG00000102448	0.286410739	-1.803842507	0.0032826	0.00903281	18.7926143	33.2630585	65.6621278	10.35544641	12.80246058	10.20929532	Gm37101
ENSMUSG00000084128	5.341628783	2.417279719	0.00328845	0.00904497	6.26420477	3.91330099	3.71672422	23.81752674	8.53497372	42.87904032	Esrp2
ENSMUSG00000026012	2.492648916	1.317679697	0.00329208	0.00905337	31.3210238	66.5261169	29.7337937	75.59475879	91.3242188	152.1185002	Cd28
ENSMUSG00000086108	3.591027365	1.844396647	0.00330114	0.00907508	12.5284095	6.84827674	4.95563229	41.42178564	28.16541327	19.3976611	Gm5602
ENSMUSG00000066684	0.387171997	-1.368953485	0.00331864	0.00911765	36.6903422	45.9812867	37.1672422	14.49762497	21.3374343	10.20929532	Pilrb1
ENSMUSG00000025475	0.246214806	-2.022010573	0.00332519	0.00913121	29.531251	12.7182282	39.6450583	4.142178564	7.681476348	8.167436252	Adgra1
ENSMUSG00000102243	0.281129358	-1.830693976	0.00332709	0.00913494	17.8977279	50.8729129	76.8123005	17.6042589	11.94896321	11.23022485	Gm37718
ENSMUSG00000030674	0.416521325	-1.263537734	0.00335845	0.00921209	62.6420477	84.1359714	85.484657	33.13742851	17.06994744	46.96275845	Qprt
ENSMUSG00000097667	0.304801888	-1.714056254	0.00337127	0.00924425	19.6875007	68.4827674	75.5733924	14.49762497	18.77694218	16.3348725	Gm26764
ENSMUSG00000097073	2.108944289	1.076520985	0.00338899	0.00928606	32.2159102	19.566505	27.2559776	53.84832133	52.91683706	60.23484236	9430037G07Rik
ENSMUSG00000103520	0.487763646	-1.035745859	0.00338926	0.00928606	53.6931837	60.6561654	80.5290247	31.06633923	36.70038699	26.54416782	1110025M09Rik
ENSMUSG00000103614	3.73508819	1.901142307	0.00340926	0.00933329	3.57954558	7.82660199	7.43344844	24.85307138	28.16541327	16.3348725	Gm37949
ENSMUSG00000000244	0.474425205	-1.075747435	0.00344136	0.00941356	98.4375035	177.07687	161.058049	52.81277669	98.15219778	55.1301947	Tspan32
ENSMUSG00000092526	0.415654917	-1.266541816	0.00344403	0.00941936	39.3750014	54.7862139	86.7235651	21.74643746	27.3119159	25.52323829	Gm17907
ENSMUSG00000070868	0.339547474	-1.558314796	0.00344489	0.00942018	42.954547	43.0463109	21.0614372	9.319901769	11.94896321	15.31394297	Skint3
ENSMUSG00000067768	0.324890482	-1.621974617	0.0035021	0.0095689	21.4772735	26.4147817	23.5392534	8.284357128	6.827978976	8.167436252	Xlr4b
ENSMUSG00000107370	0.302490689	-1.725037358	0.0035103	0.00958976	18.7926143	27.393107	35.9283341	7.248812487	11.09546584	6.125577189	Gm43588
ENSMUSG00000091957	2.752069774	1.460517048	0.00351474	0.00960034	15.2130687	9.78325249	13.6279888	42.45733028	39.26087911	24.50230876	Rps2-ps10
ENSMUSG00000004864	0.317403887	-1.6556083	0.00351661	0.00960391	31.3210238	29.3497575	24.7781615	6.213267846	6.827978976	14.29301344	Mapk13
ENSMUSG00000044005	4.298890243	2.103964277	0.00352021	0.00961218	34.005683	16.6315292	27.2559776	63.1682231	28.16541327	244.002158	Gls2
ENSMUSG00000085118	2.717742459	1.442408749	0.00361555	0.00986299	22.3721599	8.80492724	21.0614372	53.84832133	52.91683706	34.71160407	Gm15774
ENSMUSG00000002289	0.268841454	-1.895172482	0.00362682	0.00988895	441.178993	527.317309	1678.72044	253.7084371	163.8714954	294.0277051	Angptl4
ENSMUSG00000062694	2.05324154	1.037903354	0.00365023	0.00994476	91.2784123	272.952744	178.402762	390.4003297	384.9273148	337.9276749	Cav3
ENSMUSG00000070469	2.10723628	1.075352089	0.00364928	0.00994476	883.252872	427.528134	261.409603	1145.312373	1107.839589	1063.808572	Adamtsl3
ENSMUSG00000028186	64.5921454	6.013286834	0.00365482	0.00995566	2.68465919	7.82660199	4.95563229	218.4999193	0	779.9901621	Uox
ENSMUSG00000105008	0.19681896	-2.345058891	0.00366352	0.00997776	12.5284095	13.6965535	32.2116099	2.071089282	5.120984232	4.083718126	Gm43652
ENSMUSG00000060509	0.324063025	-1.625653674	0.00366776	0.00998608	29.531251	89.0275976	37.1672422	17.6042589	13.65595795	19.3976611	Xcr1
ENSMUSG00000103693	0.313289181	-1.674433145	0.00366899	0.00998784	24.1619327	74.3527189	101.590462	15.53316962	21.3374343	25.52323829	Gm37529
ENSMUSG00000030935	0.353699937	-1.499402133	0.00371122	0.01009145	186.13637	58.6995149	65.6621278	46.59950885	29.01891065	34.71160407	Acsm3
ENSMUSG00000110239	5.183243701	2.373855226	0.00372188	0.01011576	1.78977279	1.9566505	7.43344844	16.56871426	15.3629527	23.48137923	Gm45620
ENSMUSG00000060019	2.211963035	1.145327276	0.00373242	0.01014103	40.2698878	110.550753	97.8737377	224.7131871	181.7949402	141.9092049	Gm10073
ENSMUSG00000087362	0.242292198	-2.045180145	0.00379514	0.01029978	17.8977279	13.6965535	24.7781615	4.142178564	3.413989488	6.125577189	Gm13710
ENSMUSG00000036790	0.202103365	-2.306834755	0.00379591	0.01030024	17.0028415	13.6965535	21.0614372	4.142178564	5.120984232	1.020929532	Slitrk2
ENSMUSG00000023031	2.066428565	1.047139491	0.00381713	0.01034622	40.2698878	60.6561654	78.0512086	103.5544641	99.00569515	165.3905841	Cela1
ENSMUSG00000109555	0.405310453	-1.30290071	0.00382514	0.01036532	32.2159102	47.9379372	65.6621278	22.7819821	19.63043956	16.3348725	Gm44891
ENSMUSG00000017950	567.0944868	9.147445321	0.00382984	0.01037568	0	0.97832525	0	179.1492229	0	447.1671348	Hnf4a
ENSMUSG00000104116	2.718466339	1.442792964	0.00389261	0.01054066	15.2130687	14.6748787	7.43344844	36.24406244	28.16541327	38.7953222	Gm37296
ENSMUSG00000027560	0.223595589	-2.161036365	0.00389814	0.01055396	19.6875007	14.6748787	30.9727018	8.284357128	4.26748686	2.041859063	Dok5
ENSMUSG00000097239	3.235993959	1.694208915	0.00391018	0.01058318	8.05397756	7.82660199	4.95563229	24.85307138	23.04442904	20.41859063	Gm27029
ENSMUSG00000104436	0.30826175	-1.697772208	0.00393278	0.01063583	21.4772735	63.5911412	95.3959216	15.53316962	21.3374343	18.37673157	Gm37423
ENSMUSG00000033597	2.132680891	1.092668114	0.00398032	0.0107524	42.0596606	22.5014807	27.2559776	59.02604454	61.45181078	76.56971486	Caskin1
ENSMUSG00000021223	0.323730958	-1.627132761	0.00398177	0.01075459	116.335231	59.6778402	29.7337937	30.03079459	19.63043956	17.35580204	Papln
ENSMUSG00000105340	2.691218007	1.428259264	0.00399382	0.01078198	46.5340926	17.6098545	14.8668969	60.06158918	79.37525559	75.54878533	Gm42878
ENSMUSG00000055494	2.688256435	1.426670764	0.00401106	0.01081818	10.7386367	17.6098545	11.1501727	26.92416067	43.52836597	35.7325336	Gm14168
ENSMUSG00000034456	149.2746364	7.221825244	0.00402434	0.01084708	0	0.97832525	1.23890807	66.27485703	0	257.2742419	Uroc1
ENSMUSG00000040694	0.12404674	-3.011044272	0.00403397	0.01086958	91.2784123	1117.24743	187.075119	86.98574985	39.26087911	46.96275845	Apobec2
ENSMUSG00000096351	3.396950054	1.764240006	0.00407417	0.01096742	8.05397756	3.91330099	8.67235651	20.71089282	27.3119159	21.43952016	Samd11
ENSMUSG00000109341	0.244420277	-2.03256412	0.00412763	0.01109371	16.1079551	17.6098545	44.6006906	5.177723205	8.53497372	5.104647658	Gm30873
ENSMUSG00000031196	0.36217765	-1.465230576	0.00413038	0.01109934	260.411941	152.618739	54.5119552	67.31040167	49.50284757	53.08833564	F8
ENSMUSG00000026729	2.635831585	1.398258193	0.00413909	0.01112098	18.7926143	9.78325249	12.3890807	43.49287492	30.72590539	34.71160407	4930562F07Rik
ENSMUSG00000022512	0.356833518	-1.486676959	0.00414878	0.01113993	135.127846	222.079831	55.7508633	41.42178564	34.99339225	71.46506721	Cldn1
ENSMUSG00000086801	3.782932533	1.919505047	0.00416555	0.01117964	3.57954558	6.84827674	14.8668969	26.92416067	43.52836597	22.46044969	Gm15943
ENSMUSG00000103711	0.409006497	-1.289804336	0.00419696	0.01125502	30.4261374	40.1113352	33.450518	16.56871426	12.80246058	13.27208391	Tstd1
ENSMUSG00000020583	0.196160206	-2.349895697	0.00422351	0.01131549	37.5852286	17.6098545	21.0614372	9.319901769	0.853497372	5.104647658	Matn3
ENSMUSG00000015829	2.052955397	1.037702284	0.00423259	0.01133621	400.014219	178.055195	151.146785	603.7225257	424.1881939	472.6903731	Tnr
ENSMUSG00000102779	0.223005754	-2.164847163	0.00423838	0.01134994	8.94886395	36.1980342	32.2116099	4.142178564	6.827978976	6.125577189	Gm38164

ENSMUSG00000086298	0.096916893	-3.367108039	0.00424441	0.01136429	2.68465919	45.9812867	11.1501727	2.071089282	1.706994744	2.041859063	Gm11716
ENSMUSG00000106535	3.881409107	1.956580504	0.00428641	0.01146766	10.7386367	3.91330099	3.71672422	28.99524995	26.45841853	17.35580204	Gm43031
ENSMUSG00000073821	3.920076057	1.970881646	0.00430655	0.01151974	17.0028415	2.93497575	7.43344844	23.81752674	36.70038699	47.98368798	8030451A03Rik
ENSMUSG00000087670	3.342274615	1.740830276	0.0043272	0.01157315	17.8977279	11.739903	3.71672422	26.92416067	46.94235546	39.81625173	9530036M11Rik
ENSMUSG00000027173	0.361962535	-1.466087716	0.00433631	0.01159384	45.6392062	45.0029614	45.8395987	8.284357128	13.65595795	27.56509735	Depdc7
ENSMUSG00000062077	0.021227558	-5.557917757	0.0043701	0.01166937	25.9517055	634.933086	66.9010359	14.49762497	0	1.020929532	Trim54
ENSMUSG00000073293	2.967082146	1.56904487	0.00436911	0.01166937	5.36931837	12.7182282	13.6279888	31.06633923	34.99339225	26.54416782	Nudt10
ENSMUSG00000049336	0.2785039	-1.844230562	0.0043807	0.01169271	24.1619327	46.9596119	19.8225292	5.177723205	12.80246058	7.146506721	Tenm2
ENSMUSG00000030365	0.438717403	-1.188636159	0.00438584	0.01170054	54.5880701	104.680802	90.4402893	31.06633923	51.20984232	26.54416782	Clec2i
ENSMUSG00000024600	0.204294693	-2.291276369	0.00441014	0.01176152	31.3210238	27.393107	7.43344844	6.213267846	3.413989488	4.083718126	Slc27a6
ENSMUSG00000108195	0.320524121	-1.641495162	0.00442866	0.01180721	21.4772735	31.306408	26.0170695	12.42653569	6.827978976	6.125577189	Gm44415
ENSMUSG00000111864	0.308438102	-1.6969471	0.00443144	0.01181277	24.1619327	22.5014807	39.6450583	12.42653569	5.120984232	9.188365784	Rpl26-ps6
ENSMUSG00000031397	5.812660883	2.539198743	0.00444131	0.01183348	5.36931837	0.97832525	2.47781615	9.319901769	21.3374343	21.43952016	Tktl1
ENSMUSG00000100174	3.214541267	1.684612871	0.00444718	0.0118454	8.94886395	10.7615777	4.95563229	18.63980354	29.01891065	32.66974501	Gm28719
ENSMUSG00000097231	2.988370236	1.579358898	0.00445779	0.01186993	14.3181823	21.5231555	6.19454036	31.06633923	40.11437648	56.15112423	Gm26852
ENSMUSG00000068396	3.113470452	1.638523587	0.00445919	0.01187178	4.47443198	12.7182282	13.6279888	31.06633923	36.70038699	26.54416782	Rpl34-ps1
ENSMUSG00000085022	4.27395131	2.095570473	0.00446263	0.01187719	2.68465919	15.653204	3.71672422	26.92416067	39.26087911	28.58602688	Gm5860
ENSMUSG00000032495	0.193512949	-2.369497986	0.00447604	0.01190727	19.6875007	119.35568	18.5836211	15.53316962	5.974481604	9.188365784	Lrrc2
ENSMUSG00000029923	0.301722706	-1.728704823	0.00448294	0.01192001	23.2670463	60.6561654	28.4948857	8.284357128	16.21645007	9.188365784	Rab19
ENSMUSG00000107792	0.274460273	-1.865330754	0.00448867	0.01193338	22.3721599	21.5231555	14.8668969	4.142178564	6.827978976	5.104647658	Gm43914
ENSMUSG00000047528	0.365228505	-1.453128726	0.00451767	0.01200481	25.9517055	26.4147817	45.8395987	11.39099105	11.94896321	12.25115438	Als2cr12
ENSMUSG00000061086	0.461813005	-1.114619295	0.0045322	0.01203588	211.193189	446.116313	724.761222	248.5307138	192.0369087	197.0393996	Myl4
ENSMUSG00000069804	0.409208068	-1.289093507	0.00454144	0.01205854	43.8494334	98.8108501	122.651899	43.49287492	28.16541327	36.75346313	Gm10277
ENSMUSG00000044544	3.517945195	1.814733008	0.00455344	0.01208472	8.05397756	5.86995149	3.71672422	22.7819821	23.04442904	17.35580204	4921513I03Rik
ENSMUSG00000080772	0.192246625	-2.378969825	0.00456173	0.01210482	8.05397756	18.5881797	38.4061503	3.106633923	5.120984232	4.083718126	Gm12543
ENSMUSG00000038403	0.151584789	-2.721803106	0.0045625	0.01210496	181.661938	2073.0712	448.484722	163.6160533	108.3941662	137.8254868	Hfe2
ENSMUSG00000110588	0.467903411	-1.095717348	0.00457475	0.01213339	110.965913	167.293618	245.303798	61.09713382	115.2221452	67.38134908	Gm45774
ENSMUSG00000108633	0.421218353	-1.247359796	0.00457688	0.01213551	136.022732	285.670973	524.058115	125.3009016	109.2476636	163.348725	Gm44694
ENSMUSG00000078763	0.381471397	-1.390353208	0.00458517	0.01215369	74.2755708	340.457187	308.48811	86.98574985	100.7126899	87.79993971	Slfn1
ENSMUSG00000111468	0.287850627	-1.796607741	0.00458804	0.01215939	19.6875007	17.6098545	27.2559776	6.213267846	4.26748686	8.167436252	5033425B01Rik
ENSMUSG00000076490	0.457351304	-1.12862533	0.00461649	0.01222712	52.7982973	115.442379	87.9624732	33.13742851	47.79585283	35.7325336	Trbc1
ENSMUSG00000075277	0.19690131	-2.344455383	0.0046462	0.01229507	14.3181823	16.6315292	48.3174148	2.071089282	4.26748686	9.188365784	Haglr
ENSMUSG00000102719	0.284636746	-1.812806172	0.0046767	0.0123634	25.9517055	89.0275976	131.324256	11.39099105	24.75142379	33.69067454	Gm37760
ENSMUSG00000066058	0.300160198	-1.736195409	0.00468161	0.01237251	26.8465919	66.5261169	21.0614372	10.35544641	12.80246058	11.23022485	Cldn19
ENSMUSG00000075225	3.541858482	1.824506569	0.00469908	0.01241094	7.15909116	9.78325249	4.95563229	14.49762497	29.01891065	34.71160407	Ccdc162
ENSMUSG00000040759	0.297424475	-1.749404724	0.00476776	0.01257077	30.4261374	32.2847332	14.8668969	10.35544641	6.827978976	6.125577189	Cmtm5
ENSMUSG00000053825	0.36666785	-1.447454322	0.00476696	0.01257077	25.9517055	30.3280827	30.9727018	14.49762497	9.388471092	8.167436252	Ppfia2
ENSMUSG00000073164	0.259447882	-1.946483336	0.00482327	0.01270526	28.6363647	14.6748787	16.1058049	5.177723205	4.26748686	6.125577189	2410018L13Rik
ENSMUSG00000024399	0.449138591	-1.154767407	0.00483561	0.01273579	69.8011388	179.033521	146.191153	52.81277669	75.96126611	47.98368798	Ltb
ENSMUSG00000015843	0.491031234	-1.026113298	0.00484007	0.01274555	106.491481	217.188205	116.457359	64.20376774	61.45181078	90.86272831	Rxrg
ENSMUSG00000111065	4.268787605	2.093826383	0.00485799	0.01278676	3.57954558	3.91330099	8.67235651	15.53316962	16.21645007	35.7325336	Gm47676
ENSMUSG00000092625	0.243756431	-2.036487811	0.00489073	0.01286494	11.6335231	27.393107	27.2559776	3.106633923	7.681476348	5.104647658	Gm20404
ENSMUSG00000090069	3.122825482	1.642851947	0.00490698	0.01289769	21.4772735	9.78325249	7.43344844	40.386241	55.47732918	26.54416782	E430024P14Rik
ENSMUSG00000085058	0.256008144	-1.965738392	0.00491733	0.01291887	13.4232959	19.566505	27.2559776	6.213267846	5.974481604	3.062788595	8030453O22Rik
ENSMUSG00000103195	0.32048783	-1.64165852	0.00493824	0.01296576	26.8465919	40.1113352	70.6177601	18.63980354	17.92344481	7.146506721	Gm37644
ENSMUSG00000099924	0.25126639	-1.992710389	0.00493972	0.01296764	12.5284095	45.9812867	30.9727018	6.213267846	5.120984232	11.23022485	Gm28320
ENSMUSG00000039521	0.339127921	-1.560098527	0.00495308	0.01299867	18.7926143	31.306408	32.2116099	7.248812487	10.24196846	10.20929532	Foxp3
ENSMUSG00000063011	0.128599526	-2.959042773	0.00495806	0.01300771	2.68465919	40.1113352	26.0170695	4.142178564	1.706994744	3.062788595	Msln
ENSMUSG00000047797	21.63768508	4.435474255	0.00496818	0.0130262	5.36931837	6.84827674	2.47781615	88.02129449	0.853497372	230.7300741	Gjb1
ENSMUSG00000041202	0.382211286	-1.387557717	0.00499296	0.01308914	25.0568191	40.1113352	50.795231	11.39099105	16.21645007	16.3348725	Pla2g2d
ENSMUSG00000058248	0.280173512	-1.835607526	0.00500388	0.01311572	75.1704572	43.0463109	18.5836211	7.248812487	18.77694218	12.25115438	Kcnh1
ENSMUSG00000083834	0.213356947	-2.228659008	0.00501331	0.01313842	13.4232959	19.566505	63.1843117	10.35544641	5.974481604	4.083718126	Gm12577
ENSMUSG00000020061	0.064186558	-3.961584994	0.005033	0.01318798	106.491481	1249.32134	374.150238	97.34119626	7.681476348	6.125577189	Mybpc1
ENSMUSG00000041406	0.446427194	-1.163503185	0.00508304	0.0133129	45.6392062	34.2413837	42.1228745	16.56871426	21.3374343	16.3348725	BC055324
ENSMUSG00000022422	0.322271824	-1.633650036	0.00509392	0.0133359	27.7414783	28.3714322	18.5836211	6.213267846	6.827978976	11.23022485	Dscc1
ENSMUSG00000022149	47.25509306	5.562397923	0.00510226	0.01335286	1.78977279	0.97832525	3.71672422	88.02129449	0	215.4161312	C9
ENSMUSG00000047604	0.450248879	-1.15120541	0.00511402	0.01337337	51.9034109	115.442379	75.5733924	32.10188387	45.23536071	31.64881548	Frat2
ENSMUSG00000061578	0.179917481	-2.474592729	0.00513136	0.01341456	9.84375035	32.2847332	11.1501727	4.142178564	3.413989488	2.041859063	Ksr2
ENSMUSG00000024353	0.285111444	-1.810402146	0.00518917	0.01355104	20.5823871	49.8945877	40.8839664	8.284357128	17.92344481	5.104647658	Mzb1
ENSMUSG00000054304	0.315092474	-1.666152798	0.00518903	0.01355104	22.3721599	33.2630585	71.8566682	11.39099105	17.06994744	11.23022485	D130007C19Rik
ENSMUSG00000065750	0.163499469	-2.61264214	0.00520896	0.01359435	8.05397756	12.7182282	43.3617825	3.106633923	5.120984232	2.041859063	Gm23346
ENSMUSG00000085395	0.321506043	-1.637082238	0.00520878	0.01359435	35.7954558	19.566505	30.9727018	5.177723205	10.24196846	12.25115438	Gm13056
ENSMUSG00000090919	0.367540764	-1.444023828	0.00523432	0.01365423	56.3778429	26.4147817	38.4061503	12.42653569	11.94896321	20.41859063	Pabpc4l
ENSMUSG00000097554	4.810812443	2.266280555	0.00527318	0.01374499	3.57954558	0.97832525	6.19454036	15.53316962	15.3629527	19.3976611	Gm26825
ENSMUSG00000097081	0.377043191	-1.407198298	0.00527583	0.01374927	51.0085245	38.1546847	33.450518	9.319901769	13.65595795	23.48137923	Gm10425
ENSMUSG00000046178	4.031866224	2.011447771	0.00530981	0.0138192	4.47443198	3.91330099	6.19454036	23.81752674	11.09546584	23.48137923	Nxph1
ENSMUSG00000084803	0.362887054	-1.462407505	0.00533435	0.01387669	39.3750014	41.0896604	48.3174148	20.71089282	19.63043956	6.125577189	5830444B04Rik
ENSMUSG00000091864	4.380917804	2.131233147	0.0053385	0.01388534	5.36931837	2.93497575	2.47781615	13.46208033	15.3629527	19.3976611	Gm17102
ENSMUSG00000032561	0.385645789	-1.374651736	0.0053821	0.01398371	30.4261374	54.7862139	38.4061503	13.46208033	11.94896321	22.46044969	Acpp
ENSMUSG00000005148	0.449747935	-1.152811436	0.00540375	0.0140292	42.0596606	90.0059229	60.7064956	32.10188387	29.01891065	25.52323829	Klf5
ENSMUSG00000111118	0.193364258	-2.37060695	0.00540352	0.0140292	9.84375035	57.7211897	69.3788521	2.071089282	11.94896321	12.25115438	Gm6545
ENSMUSG00000074505	0.342537887	-1.545664524	0.00541223	0.01404692	41.1647742	45.0029614	19.8225292	15.53316962	12.80246058	8.167436252	Fat3
ENSMUSG00000036172	3.721331177	1.895818788	0.00543271	0.0140979	5.36931837	3.91330099	6.19454036	15.53316962	16.21645007	25.52323829	Cd200r3
ENSMUSG00000024459	0.335496543	-1.575630193	0.0054531	0.01414432	21.4772735	44.0246362	23.5392534	11.39099105	9.388471092	9.188365784	H2-M5
ENSMUSG00000087691	0.310902384	-1.685466417	0.0054659	0.01417101	99.3323899	56.7428644	47.0785068	11.39099105	40.11437648	11.23022485	Gm15674
ENSMUSG00000107556	0.229519809	-2.12330942	0.00552124	0.01430354	10.7386367	17.6098545	30.9727018	3.106633923	4.26748686	6.125577189	Gm44237
ENSMUSG00000025197	31.78436471	4.990245348	0.00554026	0.01434622	0	5.86995149	4.95563229	94.23456233	2.560492116	245.0230876	Cyp2c23
ENSMUSG00000087516	0.441193452	-1.180516715	0.00555059	0.01436638	75.1704572	42.0679857	106.546094	31.06633923	31.57940276	35.7325336	Tbx3os1
ENSMUSG00000072612	2.659314632	1.411054477	0.00555466	0.01437253	28.6363647	25.4364565	7.43344844	62.13267846	46.94235546	57.17205377	Gm10382
ENSMUSG00000012187	0.334386338	-1.580412191	0.00557022	0.01441058	32.2159102	18.5881797	39.6450583	9.319901769	7.681476348	13.27208391	Mogat1
ENSMUSG00000060407	373.2272227	8.543910408	0.00557191	0.01441275	0	0.97832525	0	127.3719908	0	284.8393393	Cyp2a12
ENSMUSG00000085089	0.23735202	-2.074899769	0.00559231	0.01445923	18.7926143	18.5881797	11.1501727	3.106633923	3.413989488	5.104647658	Arhgap15os
ENSMUSG00000106735	4.153410361	2.054296418	0.00559244	0.01445923	3.57954558	5.86995149	3.71672422	24.85307138	18.77694218	11.23022485	A330058E17Rik
ENSMUSG00000072769	2.068560767	1.04862734	0.00560465	0.01448639	75.1704572	62.6128159	45.8395987	111.8388212	85.3497372	184.7882452	Gm10419
ENSMUSG00000024747	0.410264555	-1.285373578	0.00568541	0.0146772	229.090917	88.0492724	187.075119	73.52366951	35.84688962	98.00923503	Aldh1a7
ENSMUSG00000107362	0.357320319	-1.484710141	0.00568745	0.01468023	37.5852286	100.767501	174.686038	35.20851779	32.43290013	43.89996986	Gm40309
ENSMUSG00000097636	0.358257412	-1.480931542	0.00569457	0.01469637	26.8465919	43.0463109	23.5392534	8.284357128	11.94896321	13.27208391	Mirt1
ENSMUSG00000038092	34.29028529	5.099728002	0.00570382	0.01471799	0	1.9566505	0	26.92416067	0	41.85811079	Hsd3b5
ENSMUSG00000052565	3.965129684	1.987368052	0.00571378	0.01473696	7.15909116	3.91330099	3.71672422	12.42653569	26.45841853	20.41859063	Hist1h1d
ENSMUSG00000030427	0.339999403	-1.556395882	0.00571698	0.01474297	32.2159102	96.8541996	60.7064956	34.17297315	16.21645007	14.29301344	Lilra6
ENSMUSG00000060487	0.345546703	-1.533047381	0.00573192	0.014777	95.7528443	57.7211897	24.7781615	19.67534818	24.75142379	17.35580204	Samd5
ENSMUSG00000087291	2.517718289	1.332116867	0.00574058	0.01479706	64.4318205	30.3280827	16.1058049	101.4833748	88.76372668	91.88365784	Gm11946
ENSMUSG00000065080	0.233649775	-2.097580445	0.00575349	0.01482808	12.5284095	28.3714322	35.9283341	6.213267846	9.388471092	2.041859063	Gm26497

ENSMUSG00000026343	0.397913753	-1.329472331	0.00578841	0.01490447	29.531251	25.4364565	37.1672422	12.42653569	12.80246058	11.23022485	Gpr39
ENSMUSG00000102091	2.254249585	1.172647256	0.00582155	0.0149716	71.5909116	40.1113352	30.9727018	139.7985265	113.5151505	70.44413768	Olfr1034
ENSMUSG00000073179	0.416681331	-1.262983631	0.00582833	0.01498675	41.1647742	47.9379372	90.4402893	24.85307138	29.87240802	19.3976611	Gm10478
ENSMUSG00000086468	3.722356057	1.896216061	0.00585417	0.0150395	6.26420477	6.84827674	2.47781615	24.85307138	16.21645007	18.37673157	Etaa1os
ENSMUSG00000029601	0.32507498	-1.621155575	0.00586152	0.01505381	21.4772735	29.3497575	21.0614372	8.284357128	5.120984232	10.20929532	Iqcd
ENSMUSG00000069227	0.294063645	-1.76579966	0.00588887	0.01511858	21.4772735	20.5448302	17.344713	8.284357128	4.26748686	5.104647658	Gprin1
ENSMUSG00000043424	0.416101163	-1.264993773	0.00593019	0.01520941	38.480115	42.0679857	56.9897713	20.71089282	24.75142379	11.23022485	Eif3j2
ENSMUSG00000043644	2.286805822	1.193333868	0.0059461	0.0152456	28.6363647	96.8541996	87.9624732	135.656348	186.0624271	164.3696546	0610009L18Rik
ENSMUSG00000109321	0.219828409	-2.185550254	0.00598358	0.0153301	13.4232959	16.6315292	32.2116099	2.071089282	3.413989488	8.167436252	A330076H08Rik
ENSMUSG00000086560	2.705057084	1.435659039	0.00598939	0.01533802	88.5937531	39.1330099	16.1058049	126.3364462	138.2665743	127.6161914	Gm13372
ENSMUSG00000043333	0.409090604	-1.289507692	0.00600012	0.01536317	32.2159102	34.2413837	33.450518	10.35544641	17.92344481	12.25115438	Rhbdl2
ENSMUSG00000094114	0.483022387	-1.04983804	0.00602938	0.01542876	68.9062524	74.3527189	115.218451	52.81277669	28.16541327	43.89996986	NA
ENSMUSG00000054640	2.539806775	1.344718743	0.00610201	0.01560257	298.892056	131.095583	52.0341391	421.4666689	417.3602149	388.9741515	Slc8a1
ENSMUSG00000029830	0.252828853	-1.983766982	0.00611013	0.0156128	17.8977279	14.6748787	19.8225292	3.106633923	6.827978976	3.062788595	Svopl
ENSMUSG00000103738	4.131642171	2.046715312	0.00612224	0.0156404	6.26420477	5.86995149	2.47781615	32.10188387	15.3629527	14.29301344	Gm37652
ENSMUSG00000097325	0.488126258	-1.034673733	0.00618552	0.01578775	109.17614	89.0275976	56.9897713	36.24406244	34.99339225	54.10926517	Gm16897
ENSMUSG00000022877	1651.253559	10.68934596	0.00622057	0.01586764	0	0	0	300.3079459	0	636.0390981	Hrg
ENSMUSG00000052133	0.470255873	-1.088482134	0.00629377	0.01602783	121.70455	57.7211897	71.8566682	39.35069636	32.43290013	46.96275845	Sema5b
ENSMUSG00000006642	3.593861602	1.845534852	0.00632332	0.01609809	10.7386367	2.93497575	4.95563229	21.74643746	24.75142379	21.43952016	Tcf23
ENSMUSG00000103818	0.28388625	-1.816615123	0.00632422	0.01609809	14.3181823	25.4364565	49.5563229	10.35544641	7.681476348	7.146506721	Gm38009
ENSMUSG00000087141	2.064922712	1.046087784	0.0063382	0.01612399	47.428979	34.2413837	47.0785068	73.52366951	64.86580027	127.6161914	Plcxd2
ENSMUSG00000087365	0.33116091	-1.594395705	0.00633783	0.01612399	42.0596606	19.566505	65.6621278	16.56871426	10.24196846	15.31394297	C430049B03Rik
ENSMUSG00000037548	0.38353588	-1.382566546	0.00643601	0.01635316	51.9034109	99.7891754	92.9181054	21.74643746	52.91683706	18.37673157	H2-DMb2
ENSMUSG00000105962	0.391784115	-1.351869192	0.00643936	0.01635922	43.8494334	108.594103	168.491498	33.13742851	46.08885809	45.94182892	Gm42432
ENSMUSG00000024376	0.498348715	-1.004772486	0.00655111	0.01662816	97.5426171	112.507404	86.7235651	73.52366951	33.28639751	41.85811079	Epb41l4a
ENSMUSG00000015533	3.120028201	1.641559069	0.00656487	0.01665809	82.3295484	41.0896604	13.6279888	173.9714997	69.9867845	186.8301043	Itga2
ENSMUSG00000033227	0.377040278	-1.407209446	0.00657478	0.01667796	34.9005694	55.7645392	28.4948857	18.63980354	9.388471092	17.35580204	Wnt6
ENSMUSG00000104631	0.21811922	-2.196811196	0.00659315	0.01671733	7.15909116	30.3280827	55.7508633	6.213267846	6.827978976	7.146506721	Gm43774
ENSMUSG00000093979	2.068828183	1.048813834	0.00667254	0.01689837	47.428979	29.3497575	29.7337937	54.88386597	94.73820829	71.46506721	Gm2237
ENSMUSG00000009292	0.42887518	-1.221370269	0.00671647	0.01699692	60.8522749	98.8108501	78.0512086	48.67059813	17.06994744	36.75346313	Trpm2
ENSMUSG00000070526	0.401151886	-1.317779513	0.00675675	0.01708609	30.4261374	30.3280827	52.0341391	11.39099105	17.06994744	16.3348725	Peg12
ENSMUSG00000006529	35.28751239	5.141085825	0.00678712	0.01715522	3.57954558	1.9566505	3.71672422	101.4833748	0	224.6044969	Itih1
ENSMUSG00000022132	0.467617308	-1.096599765	0.00678961	0.01715893	40.2698878	35.219709	50.795231	18.63980354	18.77694218	21.43952016	Cldn10
ENSMUSG00000017861	0.482392127	-1.051721732	0.00684849	0.01729742	59.0625021	60.6561654	50.795231	34.17297315	30.72590539	17.35580204	Mybl2
ENSMUSG00000036223	0.329136651	-1.603241406	0.00684725	0.01729742	21.4772735	28.3714322	39.6450583	15.53316962	6.827978976	7.146506721	Ska1
ENSMUSG00000005980	2.027032279	1.019369063	0.00691868	0.01745907	47.428979	41.0896604	21.0614372	66.27485703	78.52175822	79.63250346	Dnase1
ENSMUSG00000036856	0.377299518	-1.406217836	0.00693449	0.01749635	32.2159102	108.594103	58.2286794	20.71089282	24.75142379	29.60695641	Wnt4
ENSMUSG00000037991	0.373406555	-1.421180842	0.00693576	0.01749696	20.5823871	43.0463109	32.2116099	12.42653569	11.09546584	12.25115438	Rmi2
ENSMUSG00000025791	0.316372912	-1.660302012	0.00700641	0.01766467	1353.96312	5026.63513	1476.77842	850.1821503	821.0644718	814.7017662	Pgm2
ENSMUSG00000089727	0.277186446	-1.85107138	0.00704352	0.0177503	14.3181823	24.4581312	26.0170695	4.142178564	9.388471092	4.083718126	Klra8
ENSMUSG00000074637	0.254006234	-1.977064188	0.00716457	0.01802584	11.6335231	17.6098545	23.5392534	4.142178564	5.974481604	3.062788595	Sox2
ENSMUSG00000010154	0.387693962	-1.367009827	0.00724186	0.01818519	33.1107966	34.2413837	30.9727018	12.42653569	7.681476348	18.37673157	Spire2
ENSMUSG00000015854	0.240877804	-2.053626635	0.00724019	0.01818519	40.2698878	38.1546847	59.4675875	8.284357128	1.706994744	23.48137923	Cd5l
ENSMUSG00000071005	0.376236904	-1.410286727	0.00725905	0.01821754	21.4772735	41.0896604	35.9283341	12.42653569	9.388471092	15.31394297	Ccl19
ENSMUSG00000107436	0.369398805	-1.436748896	0.00730242	0.0183074	31.3210238	92.9408986	126.368623	27.95970531	25.60492116	38.7953222	Gm44416
ENSMUSG00000085723	2.817107135	1.494214431	0.00732122	0.01834367	11.6335231	7.82660199	8.67235651	35.20851779	22.19093167	22.46044969	Gm15915
ENSMUSG00000050822	0.360944677	-1.470150365	0.00733767	0.01837943	23.2670463	31.306408	32.2116099	6.213267846	14.50945532	10.20929532	Slc29a4
ENSMUSG00000080932	3.865362441	1.950603697	0.00734144	0.01838346	4.47443198	3.91330099	4.95563229	23.81752674	15.3629527	12.25115438	Gm10224
ENSMUSG00000020051	287.6368032	8.168104471	0.0074173	0.01855694	0	0	1.23890807	84.91466056	0	232.7719332	Pah
ENSMUSG00000020884	9.051215674	3.178111574	0.00741911	0.01855873	1.78977279	5.86995149	4.95563229	31.06633923	0.853497372	81.67436252	Asgr1
ENSMUSG00000106121	0.262354975	-1.930407949	0.00749681	0.01872544	14.3181823	59.6778402	137.518796	21.74643746	16.21645007	17.35580204	Gm42679
ENSMUSG00000111434	0.344579737	-1.537090228	0.00753426	0.01880512	23.2670463	80.2226704	105.307186	24.85307138	27.3119159	19.3976611	Gm47121
ENSMUSG00000054641	0.495521551	-1.012980292	0.00757257	0.01888968	3280.65353	1854.90467	1126.16744	1035.544641	664.8744528	1403.778106	Mmrn1
ENSMUSG00000019726	2.059820899	1.042518901	0.00757689	0.01889759	764.232982	387.416798	203.180924	1001.371668	914.0956854	879.0203266	Lyst
ENSMUSG00000107428	0.303907908	-1.71829388	0.00758456	0.01891115	12.5284095	29.3497575	34.689426	8.284357128	7.681476348	7.146506721	Gm44154
ENSMUSG00000046634	5.181087321	2.373254899	0.00765773	0.01907394	7.15909116	2.93497575	0	18.63980354	18.77694218	17.35580204	Pkd1l1
ENSMUSG00000086043	2.710592461	1.43860822	0.00772497	0.01922446	45.6392062	26.4147817	8.67235651	85.9502052	73.40077399	62.27670142	Gm12473
ENSMUSG00000088769	5.476196519	2.45317422	0.00774104	0.01925877	6.26420477	2.93497575	0	16.56871426	12.80246058	23.48137923	Gm22637
ENSMUSG00000051951	2.356747188	1.236797007	0.00777239	0.01932367	54.5880701	33.2630585	16.1058049	102.5189195	76.81476348	68.40227861	Xkr4
ENSMUSG00000104378	0.322400299	-1.633075011	0.00779243	0.01936388	16.1079551	36.1980342	56.9897713	13.46208033	9.388471092	12.25115438	Gm37510
ENSMUSG00000109257	0.290340001	-1.784184743	0.0078108	0.01939244	15.2130687	41.0896604	54.5119552	16.56871426	9.388471092	6.125577189	Gm45200
ENSMUSG00000106332	0.294007975	-1.766072808	0.00785346	0.01948695	24.1619327	37.1763594	64.4232198	13.46208033	4.26748686	19.3976611	Gm43506
ENSMUSG00000106057	0.192738369	-2.37528429	0.00789518	0.01958186	6.26420477	37.1763594	58.2286794	11.39099105	5.120984232	3.062788595	Gm43560
ENSMUSG00000108500	0.324289629	-1.624645209	0.0079269	0.01964902	18.7926143	25.4364565	34.689426	6.213267846	12.80246058	6.125577189	Gm45033
ENSMUSG00000097263	0.368860171	-1.438854077	0.00798635	0.01978479	46.5340926	144.792137	257.692879	49.70614277	51.20984232	64.31856049	Gm26804
ENSMUSG00000091390	3.286697179	1.716638539	0.0080105	0.01983302	4.47443198	8.80492724	4.95563229	19.67534818	17.06994744	23.48137923	Gm17168
ENSMUSG00000104271	3.858622247	1.948085813	0.00814331	0.020106	8.05397756	3.91330099	3.71672422	22.7819821	27.3119159	11.23022485	Gm37891
ENSMUSG00000038011	0.330790369	-1.596010866	0.00814647	0.02011085	42.954547	30.3280827	17.344713	14.49762497	7.681476348	8.167436252	Dnah10
ENSMUSG00000004371	0.368217731	-1.441368995	0.00814942	0.0201152	21.4772735	29.3497575	35.9283341	7.248812487	10.24196846	14.29301344	Il11
ENSMUSG00000028011	4.149174561	2.052824354	0.00816174	0.02014269	21.4772735	28.3714322	26.0170695	79.73693736	13.65595795	221.5417083	Tdo2
ENSMUSG00000078921	0.42691796	-1.227969239	0.00816629	0.02015098	232.670463	744.505514	203.180924	138.7629819	172.4064691	192.9556815	Tgtp2
ENSMUSG00000045284	0.276424649	-1.855041827	0.00817131	0.02015748	18.7926143	14.6748787	23.5392534	6.213267846	2.560492116	7.146506721	Dcaf12l1
ENSMUSG00000103367	0.369258953	-1.437295195	0.00818516	0.02018578	27.7414783	29.3497575	38.4061503	9.319901769	7.681476348	18.37673157	Gm38158
ENSMUSG00000026272	29.35416012	4.875493074	0.00819001	0.02019479	0	0	2.47781615	36.24406244	0	30.62788595	Agxt
ENSMUSG00000031737	0.233346144	-2.099456469	0.00824689	0.02032025	17.0028415	10.7615777	35.9283341	7.248812487	2.560492116	5.104647658	Irx5
ENSMUSG00000108190	3.421466637	1.774614879	0.00826464	0.02035886	16.1079551	4.89162624	3.71672422	25.88861603	29.01891065	31.64881548	Gm44731
ENSMUSG00000076534	0.041323696	-4.596886904	0.00844322	0.02075267	28.6363647	36.1980342	0	0	2.560492116	0	Igkv12-89
ENSMUSG00000086247	2.1345476	1.093930335	0.00851278	0.02089938	65.3267069	43.0463109	21.0614372	97.34119626	87.91022931	93.9255169	Gm15787
ENSMUSG00000026117	0.359836322	-1.474587274	0.00862627	0.0211443	19.6875007	51.8512382	35.9283341	10.35544641	11.94896321	16.3348725	Zap70
ENSMUSG00000107225	0.319591558	-1.645698797	0.00868039	0.02124928	17.0028415	52.8295634	80.5290247	18.63980354	11.94896321	17.35580204	Gm43637
ENSMUSG00000097236	2.25970496	1.176134418	0.00874293	0.02139	25.9517055	26.4147817	12.3890807	37.27960708	55.47732918	55.1301947	4831440E17Rik
ENSMUSG00000021032	2.322133907	1.215451168	0.00875674	0.02141759	16.1079551	12.7182282	28.4948857	47.63505349	35.84688962	47.98368798	Ngb
ENSMUSG00000086584	0.468434007	-1.094082281	0.00875946	0.02142114	53.6931837	44.0246362	37.1672422	25.88861603	22.19093167	15.31394297	Gm12002
ENSMUSG00000076564	0.061679538	-4.019064233	0.0087724	0.02144351	44.7443198	1.9566505	11.1501727	0	3.413989488	0	Igkv12-46
ENSMUSG00000089942	0.227132167	-2.138396059	0.00886498	0.02164482	26.8465919	38.1546847	6.19454036	4.142178564	5.974481604	6.125577189	Pira2
ENSMUSG00000086514	0.329498909	-1.601654408	0.00887868	0.02167202	19.6875007	42.0679857	84.2457489	12.42653569	17.92344481	17.35580204	Gm11747
ENSMUSG00000037977	0.140703948	-2.829265283	0.00892477	0.02177197	13.4232959	121.312331	7.43344844	6.213267846	1.706994744	12.25115438	6430571L13Rik
ENSMUSG00000092014	0.348565705	-1.520497465	0.00897708	0.02188067	31.3210238	88.0492724	166.013682	23.81752674	38.40738174	36.75346313	Gm4468
ENSMUSG00000047992	0.27317523	-1.872101422	0.00898	0.02188163	17.0028415	12.7182282	19.8225292	3.106633923	4.26748686	6.125577189	Fam69c
ENSMUSG00000097756	0.16791088	-2.57423238	0.00906191	0.02205884	52.7982973	12.7182282	18.5836211	7.248812487	6.827978976	0	A730056A06Rik
ENSMUSG00000007279	0.431119587	-1.213839985	0.00907906	0.02208791	100.227276	40.1113352	80.5290247	20.71089282	37.55388437	36.75346313	Scube2
ENSMUSG00000032503	0.271865792	-1.87903346	0.00909984	0.02213529	13.4232959	45.9812867	29.7337937	4.142178564	6.827978976	13.27208391	Arpp21
ENSMUSG00000030068	2.369887097	1.24481833	0.00915049	0.02224571	10.7386367	15.653204	18.5836211	28.99524995	43.52836597	32.66974501	Gm20696

ENSMUSG00000108557	0.276229866	-1.856058784	0.00916332	0.0222705	16.1079551	25.4364565	48.3174148	10.35544641	11.09546584	3.062788595	Gm44835
ENSMUSG00000104183	0.196884001	-2.344582215	0.00917179	0.02228468	8.94886395	26.4147817	40.8839664	10.35544641	1.706994744	3.062788595	1700054O19Rik
ENSMUSG00000003053	346.8755041	8.438274153	0.00921225	0.02237336	0	1.9566505	0	188.4691247	0	497.1926819	Cyp2c29
ENSMUSG00000063245	0.391297604	-1.35366182	0.00921996	0.02238888	23.2670463	51.8512382	45.8395987	11.39099105	15.3629527	20.41859063	Zfp993
ENSMUSG00000026070	0.447805723	-1.159055129	0.00923633	0.0224222	47.428979	94.8975491	42.1228745	25.88861603	27.3119159	29.60695641	Il18r1
ENSMUSG00000038379	0.371168966	-1.429852005	0.0092526	0.02245747	51.0085245	62.6128159	22.3003453	23.81752674	12.80246058	14.29301344	Ttk
ENSMUSG00000076583	0.100785545	-3.310639357	0.00938243	0.02273775	1.78977279	30.3280827	49.5563229	2.071089282	5.974481604	0	Igkv8-24
ENSMUSG00000103285	0.38156416	-1.390002427	0.00938703	0.02274565	39.3750014	84.1359714	163.535866	35.20851779	46.08885809	27.56509735	Gm37274
ENSMUSG00000019368	8.131827246	3.023579567	0.00943807	0.02285298	8.94886395	0	4.95563229	25.88861603	5.120984232	82.69529205	Sec14l4
ENSMUSG00000087526	2.131712322	1.092012757	0.00944118	0.02285723	17.0028415	15.653204	21.0614372	33.13742851	42.6748686	37.77439267	Gm15738
ENSMUSG00000107894	0.289094854	-1.790385168	0.0094449	0.02286299	10.7386367	38.1546847	32.2116099	9.319901769	5.974481604	8.167436252	Gm10388
ENSMUSG00000052270	0.319473051	-1.646233858	0.00945076	0.02287306	26.8465919	142.835486	45.8395987	24.85307138	19.63043956	24.50230876	Fpr2
ENSMUSG00000046449	0.345174378	-1.534602718	0.00954593	0.02306796	26.8465919	26.4147817	16.1058049	6.213267846	7.681476348	10.20929532	Nexmif
ENSMUSG00000034209	2.211695698	1.145152903	0.00955329	0.02307917	27.7414783	35.219709	33.450518	50.74168741	51.20984232	111.2813189	Rasl10a
ENSMUSG00000087390	2.467319062	1.30294429	0.00955988	0.02309179	13.4232959	9.78325249	9.91126458	30.03079459	24.75142379	27.56509735	Gm7598
ENSMUSG00000110079	0.298738563	-1.743044612	0.00958932	0.0231464	14.3181823	46.9596119	76.8123005	15.53316962	16.21645007	9.188365784	Gm45292
ENSMUSG00000111264	2.263018178	1.178248173	0.00960098	0.02317124	15.2130687	11.739903	18.5836211	30.03079459	38.40738174	33.69067454	E030022I16Rik
ENSMUSG00000104030	0.431416522	-1.212846665	0.00964337	0.0232636	76.96023	163.380317	275.037592	52.81277669	98.15219778	70.44413768	5330406M23Rik
ENSMUSG00000025644	2.693285996	1.429367436	0.00967632	0.02333313	10.7386367	5.86995149	17.344713	32.10188387	27.3119159	30.62788595	Gm7628
ENSMUSG00000030131	1095.044037	10.09677317	0.0097616	0.02351197	0	0	0	160.5094194	0	460.4392187	Mug2
ENSMUSG00000093668	0.297087729	-1.75103908	0.00977465	0.02354007	13.4232959	59.6778402	84.2457489	19.67534818	13.65595795	13.27208391	Pou5f2
ENSMUSG00000042662	0.288514117	-1.793286182	0.00979143	0.02357712	23.2670463	36.1980342	12.3890807	4.142178564	9.388471092	7.146506721	Dusp15
ENSMUSG00000086679	0.401929147	-1.314986892	0.00981767	0.02363358	30.4261374	23.479806	24.7781615	9.319901769	11.09546584	11.23022485	Gm15551
ENSMUSG00000083022	0.337495525	-1.567059721	0.00982032	0.02363661	19.6875007	44.0246362	75.5733924	13.46208033	11.94896321	21.43952016	Rps15a-ps6
ENSMUSG00000035836	226.2534911	7.821796243	0.00982827	0.02364566	0	0	1.23890807	55.91941062	0	193.976611	Ugt2b1
ENSMUSG00000035875	4.772389679	2.254711848	0.00986383	0.02370939	17.0028415	12.7182282	11.1501727	36.24406244	8.53497372	151.0975707	AI182371
ENSMUSG00000093553	2.218324199	1.149470225	0.00989565	0.02377735	34.005683	16.6315292	17.344713	48.67059813	43.52836597	60.23484236	Gm20633
ENSMUSG00000106772	0.334989976	-1.577810169	0.00996601	0.0239125	26.8465919	70.4394179	92.9181054	23.81752674	9.388471092	30.62788595	Gm43794
ENSMUSG00000087333	0.213301857	-2.229031567	0.01000854	0.02400095	28.6363647	11.739903	9.91126458	4.142178564	1.706994744	5.104647658	Gm13652
ENSMUSG00000030088	0.49385706	-1.017834562	0.01005839	0.02411706	701.590934	352.19709	616.97622	243.3529906	148.5085427	433.8950509	Aldh1l1
ENSMUSG00000087496	2.508859459	1.327031656	0.01021332	0.02447122	11.6335231	10.7615777	12.3890807	23.81752674	38.40738174	24.50230876	Gm13523
ENSMUSG00000039196	0.428138268	-1.223851302	0.01022484	0.02449535	315.894898	174.141894	426.184377	136.6918926	53.77033443	202.1440472	Orm1
ENSMUSG00000107865	0.30286091	-1.723272712	0.01026259	0.02456842	30.4261374	30.3280827	138.757704	15.53316962	23.04442904	21.43952016	Gm44417
ENSMUSG00000106665	2.903136628	1.53761247	0.01031015	0.02467528	10.7386367	5.86995149	7.43344844	17.6042589	23.04442904	29.60695641	Gm43389
ENSMUSG00000031376	0.169325833	-2.562126006	0.0103185	0.0246918	8.05397756	43.0463109	9.91126458	1.035544641	5.120984232	4.083718126	Atp2b3
ENSMUSG00000079564	3.877726633	1.955211102	0.01033799	0.02472795	6.26420477	2.93497575	3.71672422	10.35544641	18.77694218	21.43952016	Gm11149
ENSMUSG00000054764	2.944054041	1.557804154	0.01035088	0.02475527	8.05397756	9.78325249	7.43344844	24.85307138	15.3629527	34.71160407	Mtnr1a
ENSMUSG00000078452	0.247409548	-2.015026919	0.01042358	0.02490974	22.3721599	19.566505	17.344713	2.071089282	2.560492116	10.20929532	Raet1d
ENSMUSG00000027171	0.387802599	-1.366605621	0.01044702	0.02496055	31.3210238	34.2413837	24.7781615	10.35544641	7.681476348	17.35580204	Prrg4
ENSMUSG00000064280	2.64655344	1.404114786	0.01050119	0.02506875	8.05397756	15.653204	8.67235651	21.74643746	32.43290013	31.64881548	Ccdc146
ENSMUSG00000036587	0.245200467	-2.027966368	0.0105375	0.02514478	9.84375035	41.0896604	21.0614372	5.177723205	3.413989488	9.188365784	Fut7
ENSMUSG00000105136	0.290156569	-1.785096506	0.01054968	0.02516677	17.0028415	50.8729129	106.546094	24.85307138	15.3629527	10.20929532	8030487O14Rik
ENSMUSG00000103164	3.76894365	1.914160225	0.01056403	0.02519036	3.57954558	5.86995149	3.71672422	10.35544641	17.92344481	21.43952016	Gm38150
ENSMUSG00000039396	0.460379609	-1.11910416	0.01057399	0.02520701	56.3778429	81.2009956	65.6621278	21.74643746	48.6493502	22.46044969	Neil3
ENSMUSG00000024430	2.40326634	1.264996543	0.01059515	0.02525034	14.3181823	9.78325249	19.8225292	28.99524995	43.52836597	31.64881548	Cabyr
ENSMUSG00000051149	2.509965008	1.327667252	0.01063697	0.02534287	45.6392062	21.5231555	11.1501727	55.91941062	66.57279501	76.56971486	Adnp
ENSMUSG00000027347	0.479261118	-1.061116193	0.0106917	0.02545536	83.2244348	154.575389	92.9181054	45.5639642	77.66826085	34.71160407	Rasgrp1
ENSMUSG00000005800	0.295865112	-1.756988508	0.01070755	0.02548952	31.3210238	198.600025	40.8839664	24.85307138	24.75142379	30.62788595	Mmp8
ENSMUSG00000108678	0.425146492	-1.233968062	0.01090856	0.02591702	31.3210238	35.219709	61.9454036	15.53316962	15.3629527	23.48137923	Gm44758
ENSMUSG00000092695	0.326604168	-1.614384893	0.01096309	0.02603561	17.8977279	41.0896604	75.5733924	11.39099105	11.94896321	20.41859063	Mir3092
ENSMUSG00000102649	0.418541473	-1.256557509	0.01101146	0.02613508	37.5852286	63.5911412	113.979543	22.7819821	29.01891065	37.77439267	Gm38021
ENSMUSG00000026023	0.401713125	-1.315762496	0.01101554	0.02613566	29.531251	45.9812867	91.6791974	24.85307138	20.48393693	21.43952016	Cdk15
ENSMUSG00000073207	0.45854199	-1.124874245	0.01101602	0.02613566	38.480115	39.1330099	27.2559776	16.56871426	14.50945532	17.35580204	Ccdc160
ENSMUSG00000086677	3.431749277	1.778944154	0.01107093	0.02624642	8.05397756	1.9566505	7.43344844	20.71089282	20.48393693	18.37673157	Tvp23bos
ENSMUSG00000015083	2.737235739	1.452719689	0.01116078	0.02643096	42.954547	21.5231555	30.9727018	67.31040167	37.55388437	157.2231479	C8g
ENSMUSG00000054422	189.2089877	7.56383681	0.01125821	0.02664679	0.8948864	0	0	50.74168741	0	158.2440774	Fabp1
ENSMUSG00000044788	0.405608746	-1.301839334	0.01129589	0.02673225	116.335231	84.1359714	90.4402893	50.74168741	12.80246058	55.1301947	Fads6
ENSMUSG00000103034	3.04814497	1.607931519	0.01131737	0.02677184	21.4772735	15.653204	3.71672422	49.70614277	50.35634495	26.54416782	Gm8797
ENSMUSG00000072949	0.417400602	-1.260495415	0.01138494	0.026903	46.5340926	38.1546847	39.6450583	14.49762497	10.24196846	27.56509735	Acot1
ENSMUSG00000110647	0.318473707	-1.650753823	0.01141783	0.02696428	23.2670463	28.3714322	16.1058049	6.213267846	11.09546584	4.083718126	Gm17745
ENSMUSG00000003872	2.909018549	1.540532496	0.01142518	0.02697789	5.36931837	8.80492724	13.6279888	17.6042589	29.01891065	32.66974501	Lin7b
ENSMUSG00000033316	0.233358595	-2.099379493	0.01144152	0.02700895	20.5823871	22.5014807	6.19454036	4.142178564	3.413989488	4.083718126	Galnt9
ENSMUSG00000073650	0.443613529	-1.172624731	0.0114638	0.02704644	76.0653436	45.0029614	68.139944	37.27960708	14.50945532	32.66974501	Catip
ENSMUSG00000046352	5.69317689	2.509233926	0.01146769	0.02705187	8.94886395	20.5448302	18.5836211	89.05683913	2.560492116	181.7254566	Gjb2
ENSMUSG00000078817	3.298383958	1.72175935	0.01152006	0.02714516	5.36931837	5.86995149	7.43344844	28.99524995	11.94896321	20.41859063	Nlrp12
ENSMUSG00000085204	0.267463996	-1.902583398	0.01151852	0.02714516	8.05397756	27.393107	33.450518	5.177723205	5.974481604	7.146506721	Gm15327
ENSMUSG00000103558	0.300120858	-1.736384509	0.01151786	0.02714516	13.4232959	21.5231555	22.3003453	6.213267846	7.681476348	3.062788595	Gm38220
ENSMUSG00000032988	3.232140428	1.692489881	0.01157088	0.02724594	8.05397756	5.86995149	4.95563229	22.7819821	26.45841853	12.25115438	Slc16a8
ENSMUSG00000093874	0.316884622	-1.657970447	0.01161851	0.0273391	13.4232959	22.5014807	26.0170695	7.248812487	4.26748686	8.167436252	Gm24539
ENSMUSG00000030142	0.379063264	-1.399489448	0.0116218	0.02734304	63.5369341	357.088716	133.802072	84.91466056	58.03782129	67.38134908	Clec4e
ENSMUSG00000036923	0.480009066	-1.058866441	0.01163603	0.02736892	42.0596606	34.2413837	40.8839664	17.6042589	15.3629527	23.48137923	Stox1
ENSMUSG00000108137	2.156433574	1.108647277	0.01167486	0.02745643	17.8977279	13.6965535	16.1058049	30.03079459	34.13989488	38.7953222	Gm44053
ENSMUSG00000026904	2.225199584	1.153934741	0.01167664	0.02745679	28.6363647	25.4364565	18.5836211	68.34594631	31.57940276	63.29763095	Slc4a10
ENSMUSG00000027073	0.345354597	-1.533849666	0.01175201	0.02761927	25.9517055	16.6315292	18.5836211	6.213267846	6.827978976	8.167436252	Prg2
ENSMUSG00000102854	0.37198786	-1.426672556	0.01175473	0.02762055	41.1647742	127.182282	244.06489	47.63505349	62.30530815	42.87904032	C130023A14Rik
ENSMUSG00000051107	0.232458499	-2.104954921	0.01181514	0.02772858	12.5284095	190.773423	47.0785068	21.74643746	11.09546584	25.52323829	NA
ENSMUSG00000037922	2.352748401	1.234347049	0.01186569	0.0278395	49.2187517	60.6561654	61.9454036	94.23456233	242.3932536	66.36041955	Bank1
ENSMUSG00000097626	2.21379832	1.146523797	0.0118907	0.02788271	19.6875007	13.6965535	14.8668969	40.386241	39.26087911	27.56509735	4921504A21Rik
ENSMUSG00000029102	6.034352402	2.593198951	0.01192047	0.02792932	6.26420477	7.82660199	6.19454036	40.386241	1.706994744	80.65343299	Hgfac
ENSMUSG00000068086	230.6003033	7.8492506	0.01194427	0.02797734	1.78977279	0	0	136.6918926	0	288.9230574	Cyp2d9
ENSMUSG00000073008	3.652674887	1.86895335	0.01197406	0.02803549	11.6335231	23.479806	2.47781615	30.03079459	75.96126611	32.66974501	Gpr174
ENSMUSG00000099068	2.533709433	1.341251085	0.01201278	0.02811449	14.3181823	10.7615777	8.67235651	38.31515172	24.75142379	23.48137923	Gm27861
ENSMUSG00000029121	0.315566507	-1.663984005	0.01208911	0.02827751	23.2670463	19.566505	42.1228745	14.49762497	4.26748686	8.167436252	Crmp1
ENSMUSG00000028071	0.457249777	-1.128945627	0.01210936	0.02830923	33.1107966	54.7862139	33.450518	19.67534818	20.48393693	15.31394297	Sh2d2a
ENSMUSG00000081984	0.328212546	-1.607297706	0.01219875	0.02850245	19.6875007	30.3280827	16.1058049	6.213267846	10.24196846	5.104647658	Dnajb3
ENSMUSG00000024846	0.297262299	-1.750191595	0.01224906	0.02861212	13.4232959	57.7211897	23.5392534	10.35544641	7.681476348	10.20929532	Cst6
ENSMUSG00000093277	0.324920364	-1.62184193	0.01225336	0.0286182	16.1079551	17.6098545	38.4061503	7.248812487	6.827978976	9.188365784	Gm26236
ENSMUSG00000037735	0.46584003	-1.10209348	0.01241089	0.0289263	32.2159102	34.2413837	30.9727018	17.6042589	13.65595795	14.29301344	2810032G03Rik
ENSMUSG00000043398	0.362096992	-1.465551901	0.01242807	0.02895837	51.0085245	19.566505	24.7781615	10.35544641	11.09546584	13.27208391	Gpr135
ENSMUSG00000043924	0.403627177	-1.308904779	0.01243297	0.02896579	23.2670463	56.7428644	38.4061503	18.63980354	11.94896321	17.35580204	Ncmap
ENSMUSG00000030236	230.4851781	7.848530168	0.01243992	0.028978	1.78977279	0	0	114.9454552	0	310.3625776	Slco1b2
ENSMUSG00000086069	0.27669526	-1.853630165	0.01249319	0.02908609	9.84375035	45.0029614	65.6621278	11.39099105	14.50945532	7.146506721	Gm13708
ENSMUSG00000090164	0.277608312	-1.848877332	0.01250242	0.02910356	19.6875007	42.0679857	30.9727018	5.177723205	17.06994744	3.062788595	BC035044

ENSMUSG00000087135	2.962278915	1.566707485	0.01252861	0.0291485	10.7386367	6.84827674	3.71672422	22.7819821	21.3374343	20.41859063	Gm16096
ENSMUSG00000038618	2.007957003	1.005728377	0.01270363	0.02949089	19.6875007	41.0896604	37.1672422	51.77723205	75.10776873	68.40227861	Rassf7
ENSMUSG00000103867	0.438278951	-1.190078702	0.01273114	0.02954258	51.0085245	100.767501	184.597303	51.77723205	40.11437648	55.1301947	9630010A21Rik
ENSMUSG00000090582	2.107362216	1.075438308	0.01283886	0.02978032	17.0028415	22.5014807	13.6279888	34.17297315	36.70038699	41.85811079	Gm17024
ENSMUSG00000081264	0.198661592	-2.331615116	0.01288347	0.02986742	7.15909116	11.739903	45.8395987	4.142178564	2.560492116	6.125577189	Gm14021
ENSMUSG00000009378	0.392661245	-1.34864288	0.01290869	0.02991362	102.017049	72.3960684	86.7235651	27.95970531	12.80246058	62.27670142	Slc16a12
ENSMUSG00000095762	2.770886255	1.47034749	0.01291911	0.02993366	4.47443198	11.739903	12.3890807	30.03079459	25.60492116	22.46044969	Gm16378
ENSMUSG00000102212	4.251108952	2.087839235	0.01296367	0.03003279	1.78977279	3.91330099	7.43344844	9.319901769	27.3119159	17.35580204	C230085N15Rik
ENSMUSG00000092659	3.400848894	1.765894906	0.01301869	0.03013964	10.7386367	4.89162624	2.47781615	25.88861603	17.06994744	20.41859063	Mir3100
ENSMUSG00000065847	0.305802123	-1.709329672	0.01309271	0.03029452	13.4232959	30.3280827	59.4675875	11.39099105	6.827978976	13.27208391	Gm25188
ENSMUSG00000061576	0.121759078	-3.037898752	0.01319247	0.03048362	18.7926143	17.6098545	29.7337937	0	0	8.167436252	Dpp6
ENSMUSG00000101356	0.288217178	-1.794771772	0.01321177	0.03052406	17.8977279	19.566505	21.0614372	8.284357128	1.706994744	7.146506721	Gm28876
ENSMUSG00000044938	0.146013968	-2.775821705	0.01325484	0.03060686	105.596595	1586.84355	278.754316	55.91941062	166.4319875	65.33949002	Klhl31
ENSMUSG00000026546	0.423991867	-1.237891505	0.01326446	0.03062489	47.428979	22.5014807	39.6450583	18.63980354	13.65595795	14.29301344	Cfap45
ENSMUSG00000059003	0.247584956	-2.014004441	0.01332127	0.03074348	28.6363647	12.7182282	8.67235651	4.142178564	4.26748686	4.083718126	Grin2a
ENSMUSG00000081723	0.271167885	-1.882741765	0.01348898	0.03110509	20.5823871	47.9379372	11.1501727	4.142178564	10.24196846	7.146506721	Gm15931
ENSMUSG00000090193	0.225576663	-2.148310274	0.01360428	0.03134538	7.15909116	13.6965535	34.689426	4.142178564	5.120984232	3.062788595	Gm15995
ENSMUSG00000031027	3.291936972	1.718936714	0.01366976	0.03147056	7.15909116	6.84827674	3.71672422	24.85307138	23.04442904	11.23022485	Stk33
ENSMUSG00000074575	0.28065349	-1.833138097	0.01368464	0.03148769	29.531251	15.653204	13.6279888	4.142178564	3.413989488	9.188365784	Kcng1
ENSMUSG00000085088	0.369615469	-1.435902958	0.01372924	0.03158174	27.7414783	80.2226704	152.385693	26.92416067	34.13989488	34.71160407	4931413K12Rik
ENSMUSG00000063018	0.36120121	-1.469125369	0.01374804	0.03162068	19.6875007	22.5014807	23.5392534	7.248812487	11.09546584	5.104647658	2010204K13Rik
ENSMUSG00000090665	2.398854225	1.26234549	0.01388105	0.03191361	8.05397756	21.5231555	28.4948857	45.5639642	47.79585283	43.89996986	Gad1-ps
ENSMUSG00000070354	0.375683499	-1.412410345	0.01392677	0.03199911	23.2670463	55.7645392	43.3617825	11.39099105	23.89792642	10.20929532	Evi2
ENSMUSG00000081968	0.202846045	-2.301542918	0.01392769	0.03199911	4.47443198	33.2630585	38.4061503	2.071089282	5.120984232	8.167436252	Rpl23a-ps2
ENSMUSG00000015981	0.432018604	-1.210834655	0.01408032	0.03232347	27.7414783	44.0246362	32.2116099	19.67534818	10.24196846	15.31394297	Stk32c
ENSMUSG00000106636	0.451367084	-1.14762688	0.01413911	0.03244962	66.2215933	165.336967	257.692879	59.02604454	73.40077399	87.79993971	Gm43813
ENSMUSG00000015880	0.462291826	-1.113124242	0.0144031	0.03300182	50.1136381	91.9625734	54.5119552	39.35069636	34.13989488	17.35580204	Ncapg
ENSMUSG00000066072	129.1038012	7.012387669	0.01440642	0.03300496	0.8948864	0	0	49.70614277	0	92.90458737	Cyp4a10
ENSMUSG00000036306	0.366567373	-1.447849711	0.01441925	0.03302543	17.8977279	36.1980342	26.0170695	7.248812487	13.65595795	8.167436252	Lzts1
ENSMUSG00000084885	2.298755069	1.200852756	0.01445612	0.0330875	10.7386367	15.653204	16.1058049	23.81752674	39.26087911	33.69067454	3010001F23Rik
ENSMUSG00000029153	0.45604936	-1.132738115	0.01458407	0.03333079	58.1676157	206.426627	128.84644	63.1682231	46.94235546	69.42320814	Ociad2
ENSMUSG00000109337	2.824711284	1.498103416	0.01462519	0.03341265	19.6875007	7.82660199	4.95563229	34.17297315	29.87240802	29.60695641	Gm45047
ENSMUSG00000111254	0.351813336	-1.507117922	0.0146258	0.03341265	17.8977279	39.1330099	74.3344844	11.39099105	17.06994744	17.35580204	Gm48717
ENSMUSG00000036131	0.262364767	-1.930354102	0.01481121	0.03379573	32.2159102	16.6315292	9.91126458	8.284357128	4.26748686	3.062788595	Frmd7
ENSMUSG00000019992	0.417031593	-1.261771413	0.01485561	0.03389191	26.8465919	26.4147817	27.2559776	7.248812487	11.94896321	14.29301344	Mtfr2
ENSMUSG00000108321	0.40346775	-1.309474735	0.01489552	0.03396926	22.3721599	49.8945877	64.4232198	22.7819821	18.77694218	13.27208391	Gm44649
ENSMUSG00000015890	13.39610459	3.74374164	0.01492932	0.03403716	1.78977279	4.89162624	0	25.88861603	0	65.33949002	Amdhd1
ENSMUSG00000037747	2.443916635	1.289195074	0.01496857	0.03411745	14.3181823	6.84827674	19.8225292	36.24406244	34.13989488	28.58602688	Phyhipl
ENSMUSG00000056290	2.098999746	1.069701992	0.01508239	0.03434374	56.3778429	204.469977	79.2901166	241.2819014	247.5142379	225.6254265	Ms4a4b
ENSMUSG00000033981	0.326446315	-1.615082337	0.01527146	0.03470974	13.4232959	23.479806	16.1058049	6.213267846	5.974481604	5.104647658	Gria2
ENSMUSG00000100642	0.174944359	-2.51503195	0.01529224	0.03475229	46.5340926	17.6098545	2.47781615	4.142178564	2.560492116	5.104647658	Gm28230
ENSMUSG00000033634	711.5990966	9.474920869	0.01531403	0.03479715	0	0	0	90.09238377	0	313.4253662	Nat8f2
ENSMUSG00000065530	0.382305531	-1.387202021	0.01532725	0.03482251	26.8465919	61.6344907	118.935175	25.88861603	20.48393693	32.66974501	Mir99a
ENSMUSG00000058101	0.336968728	-1.569313387	0.01545744	0.03509946	14.3181823	21.5231555	42.1228745	10.35544641	8.53497372	7.146506721	1700084J12Rik
ENSMUSG00000028356	267.0242223	8.060826807	0.0154885	0.03515585	0	2.93497575	0	211.2511068	0	577.8461148	Ambp
ENSMUSG00000057132	0.462442814	-1.112653123	0.0155295	0.0352253	26.8465919	29.3497575	35.9283341	15.53316962	13.65595795	13.27208391	Rpgrip1
ENSMUSG00000040258	0.259084043	-1.948507932	0.01555954	0.03528398	12.5284095	24.4581312	12.3890807	6.213267846	1.706994744	5.104647658	Nxph4
ENSMUSG00000052301	2.750768934	1.459834958	0.01557641	0.03531279	9.84375035	8.80492724	4.95563229	16.56871426	24.75142379	24.50230876	Doc2a
ENSMUSG00000022887	0.256352248	-1.963800546	0.0156414	0.03544588	170.923302	73.3743936	26.0170695	18.63980354	5.120984232	45.94182892	Masp1
ENSMUSG00000083306	0.350665083	-1.51183431	0.01567949	0.03550369	21.4772735	38.1546847	84.2457489	21.74643746	10.24196846	18.37673157	Gm13868
ENSMUSG00000047394	0.34518698	-1.534550048	0.01572034	0.03558667	35.7954558	24.4581312	30.9727018	7.248812487	5.120984232	19.3976611	Odf3b
ENSMUSG00000024354	2.534626915	1.341773405	0.01572322	0.03558843	10.7386367	8.80492724	12.3890807	20.71089282	22.19093167	37.77439267	Slc23a1
ENSMUSG00000030325	0.320192661	-1.642987854	0.01572613	0.03559026	17.0028415	41.0896604	23.5392534	5.177723205	14.50945532	6.125577189	Klrb1c
ENSMUSG00000097327	0.372986493	-1.422804709	0.01585955	0.03585389	38.480115	28.3714322	16.1058049	13.46208033	7.681476348	10.20929532	E030030I06Rik
ENSMUSG00000085982	2.884645627	1.528394097	0.01586776	0.03586766	8.05397756	5.86995149	6.19454036	17.6042589	15.3629527	25.52323829	9530051G07Rik
ENSMUSG00000106717	0.37107872	-1.430202826	0.01590437	0.03594082	18.7926143	79.2443451	63.1843117	15.53316962	19.63043956	24.50230876	Gm42798
ENSMUSG00000029361	0.289457766	-1.78857523	0.0159093	0.03594237	17.0028415	84.1359714	24.7781615	17.6042589	6.827978976	12.25115438	Nos1
ENSMUSG00000025658	0.24337865	-2.038725477	0.01598436	0.03608787	15.2130687	29.3497575	7.43344844	6.213267846	2.560492116	4.083718126	Ksr2
ENSMUSG00000111740	0.442989845	-1.174654468	0.01606782	0.03625215	25.9517055	24.4581312	34.689426	13.46208033	12.80246058	11.23022485	AC122335.1
ENSMUSG00000046610	0.368455368	-1.440438221	0.01609487	0.03630834	18.7926143	17.6098545	29.7337937	7.248812487	6.827978976	10.20929532	Oacyl
ENSMUSG00000022519	0.180541527	-2.469597383	0.01612559	0.03636309	374.9574	4355.50401	624.409669	416.2889457	248.3677352	302.1951413	Srl
ENSMUSG00000051228	2.767117347	1.468383827	0.01617931	0.03645512	18.7926143	8.80492724	4.95563229	23.81752674	33.28639751	34.71160407	Nyx
ENSMUSG00000074219	2.186638427	1.128714682	0.0161779	0.03645512	18.7926143	16.6315292	9.91126458	31.06633923	37.55388437	31.64881548	Gm10644
ENSMUSG00000084772	4.284437899	2.099105941	0.01624649	0.03658576	1.78977279	8.80492724	1.23890807	19.67534818	14.50945532	17.35580204	Gm15473
ENSMUSG00000081189	2.752067992	1.460516113	0.01630964	0.03669506	5.36931837	11.739903	16.1058049	26.92416067	21.3374343	41.85811079	Hspd1-ps4
ENSMUSG00000082765	3.099504029	1.632037379	0.01631709	0.03670695	8.94886395	4.89162624	3.71672422	14.49762497	20.48393693	20.41859063	Gm14411
ENSMUSG00000068463	2.179262933	1.123840271	0.01633492	0.03674219	14.3181823	19.566505	16.1058049	24.85307138	40.96787385	42.87904032	B630019A10Rik
ENSMUSG00000096111	0.418145553	-1.257922875	0.01674342	0.03756622	34.005683	37.1763594	44.6006906	25.88861603	8.53497372	14.29301344	Gm21917
ENSMUSG00000022766	12.41083752	3.633528571	0.01675802	0.037594	8.94886395	13.6965535	0	91.12792841	10.24196846	181.7254566	Serpind1
ENSMUSG00000037108	0.48711273	-1.03767241	0.01683157	0.037739	29.531251	44.0246362	42.1228745	22.7819821	16.21645007	17.35580204	Zcwpw1
ENSMUSG00000021636	0.451138802	-1.148356719	0.01689315	0.03785702	47.428979	26.4147817	30.9727018	18.63980354	13.65595795	15.31394297	Marveld2
ENSMUSG00000109056	3.630521067	1.860176624	0.01701109	0.03809611	4.47443198	5.86995149	4.95563229	7.248812487	25.60492116	22.46044969	A630009H07Rik
ENSMUSG00000021974	0.37766944	-1.404804044	0.01702032	0.03811175	19.6875007	43.0463109	71.8566682	14.49762497	13.65595795	22.46044969	Fgf9
ENSMUSG00000079277	0.377747367	-1.404506395	0.0171265	0.03832701	28.6363647	21.5231555	18.5836211	6.213267846	7.681476348	12.25115438	Hoxd3
ENSMUSG00000006462	0.383661354	-1.382094643	0.01723023	0.038541	26.8465919	21.5231555	21.0614372	10.35544641	11.09546584	5.104647658	A530013C23Rik
ENSMUSG00000050445	4.948914429	2.307112097	0.01733646	0.03876326	24.1619327	9.78325249	14.8668969	68.34594631	3.413989488	170.4952318	Cyp8b1
ENSMUSG00000020686	2.478624934	1.309539979	0.01735006	0.03878342	13.4232959	11.739903	8.67235651	18.63980354	28.16541327	37.77439267	Gas2l2
ENSMUSG00000108126	2.099309526	1.069914896	0.01734847	0.03878342	29.531251	20.5448302	16.1058049	57.9904999	49.50284757	32.66974501	Gm43909
ENSMUSG00000022865	2.075643575	1.053558729	0.01737881	0.03883745	27.7414783	25.4364565	27.2559776	50.74168741	34.99339225	81.67436252	Cxadr
ENSMUSG00000084383	0.291029139	-1.780764488	0.01754784	0.03917383	8.05397756	47.9379372	64.4232198	12.42653569	10.24196846	12.25115438	Gm13370
ENSMUSG00000087371	2.710085829	1.438338543	0.01763938	0.03934188	5.36931837	13.6965535	11.1501727	17.6042589	29.87240802	33.69067454	Gm15541
ENSMUSG00000018238	0.419092119	-1.254660703	0.01765919	0.03938088	19.6875007	29.3497575	30.9727018	10.35544641	13.65595795	9.188365784	Gdf9
ENSMUSG00000102326	0.426022257	-1.23099929	0.01783071	0.03972153	43.8494334	54.7862139	133.802072	44.52841956	25.60492116	28.58602688	Gm37788
ENSMUSG00000097788	2.240642213	1.163912297	0.01791257	0.03987767	38.480115	26.4147817	13.6279888	71.45258023	38.40738174	68.40227861	Gm16596
ENSMUSG00000109984	0.44408771	-1.17108345	0.01812344	0.04028885	22.3721599	38.1546847	28.4948857	12.42653569	12.80246058	14.29301344	Gm38948
ENSMUSG00000068129	0.305000884	-1.71311467	0.01817926	0.04039702	18.7926143	31.306408	13.6279888	4.142178564	4.26748686	11.23022485	Cst7
ENSMUSG00000085335	0.363911576	-1.45834015	0.01818867	0.04041264	16.1079551	36.1980342	50.795231	15.53316962	7.681476348	14.29301344	Gm13684
ENSMUSG00000104002	2.626992661	1.39341217	0.01823309	0.0405007	9.84375035	5.86995149	9.91126458	16.56871426	23.89792642	26.54416782	Gm38336
ENSMUSG00000026725	0.476039316	-1.070847364	0.01838232	0.04080007	93.9630715	40.1113352	123.890807	37.27960708	39.26087911	45.94182892	Tnn
ENSMUSG00000025932	0.385950546	-1.373512096	0.01849716	0.04101734	29.531251	76.3093694	28.4948857	18.63980354	11.09546584	22.46044969	Eya1
ENSMUSG00000052520	585.4645747	9.193438069	0.01863542	0.0412861	0	0	0	85.9502052	0	246.0440171	Cyp2j5
ENSMUSG00000030378	582.4301263	9.185941171	0.01873191	0.041489	0	0	0	108.7321873	0	221.5417083	Sult2a8
ENSMUSG00000026459	0.038664688	-4.692839609	0.01877478	0.04157308	19.6875007	116.420705	130.085348	10.35544641	0	0	Myog

ENSMUSG00000038641	112.1743719	6.809599296	0.0188295	0.04168335	0.8948864	0	0	26.92416067	0	96.98830549	Akr1d1
ENSMUSG00000080198	0.244502044	-2.032081568	0.01886816	0.04175255	6.26420477	21.5231555	30.9727018	2.071089282	5.974481604	6.125577189	Gm13573
ENSMUSG00000106237	2.797286685	1.484028119	0.01889898	0.04180945	37.5852286	15.653204	4.95563229	51.77723205	51.20984232	62.27670142	Gm8066
ENSMUSG00000026424	0.468320942	-1.094430543	0.01922977	0.0424363	71.5909116	50.8729129	38.4061503	35.20851779	15.3629527	25.52323829	Gpr37l1
ENSMUSG00000084978	0.285649894	-1.807680099	0.01934904	0.04267171	10.7386367	36.1980342	89.2013812	12.42653569	17.92344481	8.167436252	Gm11655
ENSMUSG00000060275	0.411394801	-1.281404532	0.01955496	0.04308656	23.2670463	34.2413837	22.3003453	8.284357128	9.388471092	15.31394297	Nrg2
ENSMUSG00000032013	0.274031866	-1.867584427	0.01958832	0.04314883	9.84375035	23.479806	16.1058049	7.248812487	4.26748686	2.041859063	Trim29
ENSMUSG00000035237	2.05349412	1.038080817	0.01968981	0.04334984	73.3806844	66.5261169	66.9010359	124.2653569	67.42629239	233.7928627	Lcat
ENSMUSG00000064125	0.354522493	-1.496050933	0.01969792	0.04336205	22.3721599	12.7182282	35.9283341	7.248812487	8.53497372	9.188365784	Prr36
ENSMUSG00000021913	0.323876517	-1.626484226	0.01973598	0.04343455	26.8465919	10.7615777	22.3003453	5.177723205	5.120984232	9.188365784	Ogdhl
ENSMUSG00000085071	0.240117501	-2.058187535	0.01974963	0.04345894	42.954547	21.5231555	7.43344844	2.071089282	5.120984232	10.20929532	Gm14066
ENSMUSG00000043664	0.422959243	-1.241409447	0.02010408	0.04413566	26.8465919	42.0679857	33.450518	15.53316962	7.681476348	20.41859063	Tmem221
ENSMUSG00000071862	0.389655586	-1.359728596	0.02032663	0.04456648	25.9517055	16.6315292	30.9727018	6.213267846	11.94896321	10.20929532	Lrrtm2
ENSMUSG00000104973	0.43073588	-1.215124592	0.02033539	0.04457991	29.531251	51.8512382	92.9181054	17.6042589	27.3119159	29.60695641	A530041M06Rik
ENSMUSG00000052981	0.350285737	-1.513395848	0.02039035	0.04467727	14.3181823	25.4364565	43.3617825	6.213267846	9.388471092	13.27208391	Ube2ql1
ENSMUSG00000047591	0.181997424	-2.458010065	0.02045117	0.04477421	4.47443198	118.377355	14.8668969	4.142178564	7.681476348	13.27208391	Mafa
ENSMUSG00000035694	3.257526589	1.703776954	0.02051394	0.04487839	6.26420477	1.9566505	9.91126458	15.53316962	17.92344481	24.50230876	Caps2
ENSMUSG00000019848	0.219845303	-2.185439383	0.0205345	0.04491177	5.36931837	125.225632	30.9727018	8.284357128	17.92344481	9.188365784	Popdc3
ENSMUSG00000026639	0.38426668	-1.379820211	0.02059283	0.0450277	14.3181823	27.393107	26.0170695	9.319901769	9.388471092	7.146506721	Lamb3
ENSMUSG00000104432	0.302212098	-1.726366679	0.02061794	0.04505934	13.4232959	49.8945877	78.0512086	8.284357128	24.75142379	9.188365784	A430027C01Rik
ENSMUSG00000086522	2.339532532	1.22622029	0.0208656	0.04555944	9.84375035	13.6965535	8.67235651	27.95970531	27.3119159	20.41859063	Gm4473
ENSMUSG00000097537	2.092777917	1.065419223	0.02088213	0.04558964	23.2670463	19.566505	11.1501727	37.27960708	32.43290013	44.92089939	2610020C07Rik
ENSMUSG00000075307	0.213405381	-2.228331543	0.02094936	0.04573053	173.607961	2303.95596	500.518861	229.8909103	216.7883325	188.8719633	Klhl41
ENSMUSG00000064294	8.190350381	3.033925171	0.02102107	0.04587522	44.7443198	16.6315292	17.344713	210.2155621	6.827978976	428.7904032	Aox3
ENSMUSG00000095178	0.312958502	-1.675956724	0.02120094	0.04623204	13.4232959	26.4147817	60.7064956	5.177723205	13.65595795	12.25115438	Gm22716
ENSMUSG00000102593	0.47390319	-1.077335723	0.0214745	0.04674076	38.480115	42.0679857	90.4402893	27.95970531	23.04442904	29.60695641	Gm38384
ENSMUSG00000055730	89.0607717	6.476718208	0.02152405	0.04681604	0.8948864	0	0	26.92416067	0	71.46506721	Ces2a
ENSMUSG00000097785	2.026001346	1.018635133	0.02155018	0.04685929	23.2670463	20.5448302	19.8225292	43.49287492	29.01891065	57.17205377	B230217O12Rik
ENSMUSG00000110353	2.937328586	1.554504663	0.02177064	0.04725529	5.36931837	5.86995149	6.19454036	13.46208033	23.04442904	14.29301344	Gm33543
ENSMUSG00000086165	2.295868725	1.199040153	0.02197699	0.04766654	11.6335231	8.80492724	17.344713	31.06633923	22.19093167	32.66974501	Gm15690
ENSMUSG00000109051	3.790330273	1.922323564	0.02203619	0.04777659	0.8948864	4.89162624	7.43344844	16.56871426	19.63043956	12.25115438	Gm44913
ENSMUSG00000039438	9.682372758	3.275360637	0.02206593	0.0478227	2.68465919	0.97832525	2.47781615	16.56871426	0	42.87904032	Ttc36
ENSMUSG00000026368	98.22828857	6.618066658	0.02215402	0.04798904	0	0.97832525	0	20.71089282	0	87.79993971	F13b
ENSMUSG00000027713	2.191538868	1.131944266	0.02218052	0.04803415	19.6875007	15.653204	8.67235651	33.13742851	28.16541327	36.75346313	1810062G17Rik
ENSMUSG00000050919	0.308765287	-1.695417528	0.02222909	0.04812704	95.7528443	40.1113352	12.3890807	22.7819821	11.09546584	12.25115438	Zfp366
ENSMUSG00000078922	0.380957153	-1.392299351	0.02229226	0.04824838	93.9630715	353.175415	56.9897713	73.52366951	71.69377925	46.96275845	Tgtp1
ENSMUSG00000070704	485.8471882	8.924358809	0.02238389	0.04842502	0	0	0	62.13267846	0	213.3742721	Ugt2b36
ENSMUSG00000039154	2.267984727	1.181410925	0.0223906	0.04843336	12.5284095	9.78325249	27.2559776	35.20851779	38.40738174	36.75346313	Shd
ENSMUSG00000059108	0.453674812	-1.140269531	0.02245757	0.04857203	42.954547	120.334006	61.9454036	40.386241	21.3374343	40.83718126	Ifitm6
ENSMUSG00000043439	0.350709075	-1.511653333	0.02246913	0.04858549	14.3181823	35.219709	33.450518	5.177723205	8.53497372	15.31394297	Epop
ENSMUSG00000108984	0.319229175	-1.647335587	0.02252465	0.04867359	16.1079551	44.0246362	80.5290247	6.213267846	23.89792642	14.29301344	Gm44916
ENSMUSG00000106709	0.275307456	-1.860884413	0.02259918	0.04880972	44.7443198	15.653204	8.67235651	4.142178564	6.827978976	8.167436252	Gm30270
ENSMUSG00000096674	0.210985123	-2.24478682	0.02260531	0.04881674	17.0028415	15.653204	19.8225292	3.106633923	0	8.167436252	Mup15
ENSMUSG00000061959	85.33649324	6.415090921	0.02263475	0.04887409	0.8948864	0	0	24.85307138	0	69.42320814	Ces1e
ENSMUSG00000090592	0.360053575	-1.473716504	0.02278717	0.04917813	17.0028415	69.4610927	115.218451	20.71089282	29.01891065	22.46044969	Gm17571
ENSMUSG00000071192	2.356966737	1.236931398	0.02283998	0.04927326	17.0028415	9.78325249	34.689426	38.31515172	61.45181078	42.87904032	Wfikkn1
ENSMUSG00000062151	2.995584774	1.582837662	0.02298852	0.04954951	10.7386367	8.80492724	2.47781615	15.53316962	21.3374343	30.62788595	Unc13c
ENSMUSG00000074336	37.33617026	5.222502046	0.02305214	0.0496592	2.68465919	1.9566505	0	40.386241	0	135.7836277	Apoc4
ENSMUSG00000071537	2.308945159	1.207233907	0.02321763	0.04996703	31.3210238	11.739903	16.1058049	32.10188387	62.30530815	42.87904032	Klrg2