

2 by 3 factorial design of muscle RNAseq (Gastrocnemius vs Triceps at 8m / 18m / 24m of age)

Model: Gene ~ b0 + b1MuscleType8m + b2Age18m + b3Age24m + b4Age18m:MuscleType + b5Age24m:MuscleType

Reference group: Adult 8m gastrocnemius

Gene ID	Gene Symbol	"log2FC MuscleType Triceps/Gastroc 8m"	log2FC	Age_18m log2FC	Age_24m "log2FC	adj. p-value
ENSRNOG00000007102	Acss1	-0.693	-0.539	-1.437	1.006	2.087 1.31E-06
ENSRNOG00000004932	Sel1l3	0.373	0.553	0.809	-0.759	-1.253 1.31E-06
ENSRNOG000000042980	Adam19	0.007	0.898	2.037	-1.032	-1.827 1.42E-06
ENSRNOG000000020369	Igf2	-0.196	0.966	2.475	-0.883	-2.132 1.49E-06
ENSRNOG000000047046	Plin4	-0.143	-0.442	-1.465	0.551	1.486 2.04E-06
ENSRNOG000000013674	Megf10	0.282	0.171	0.917	-0.518	-1.346 2.04E-06
ENSRNOG000000055089	Slc44a1	-0.020	0.480	1.077	-0.529	- 0.856 4.42E-06
ENSRNOG000000019826	Sil1	0.049	0.584	1.254	-0.522	-1.228 4.42E-06
ENSRNOG000000000521	Cdkn1a	0.200	3.087	4.410	-2.429	-2.889 4.42E-06
ENSRNOG000000002451	Fndc3c1	0.690	0.972	2.208	-2.583	-3.520 4.42E-06
ENSRNOG000000000585	Amd1	0.026	-0.383	-0.905	0.318	0.798 7.91E-06
ENSRNOG000000001891	Gnb1l	0.220	0.484	0.848	-0.407	-0.985 1.64E-05
ENSRNOG000000046171	Mlxipl	-0.254	-0.626	-1.747		0.540 1.588 2.47E-05
ENSRNOG000000020779	Kcna7	0.189	-0.580	-1.460	0.543	1.303 2.47E-05
ENSRNOG000000003452	Asb11	0.204	-0.665	-1.510	0.633	1.295 2.47E-05
ENSRNOG000000024885	Asb10	-0.044	-0.482	-1.496	0.608	1.218 2.47E-05
ENSRNOG000000026679	Scn4b	0.052	-0.262	-1.164	0.256	1.139 2.47E-05
ENSRNOG000000007596	Rffl	-0.176	-0.179	-0.517	0.349	0.646 2.47E-05
ENSRNOG000000034198	Wbp5	0.388	0.277	0.959	-0.352	-0.926 2.47E-05
ENSRNOG000000009225	Copz2	0.175	0.876	1.474	-0.949	-1.387 2.47E-05

ENSRNOG00000024904	Pla2g4e	0.844	0.919	1.658	-1.408	-2.035
2.47E-05						
ENSRNOG00000051548	Lmod1	0.920	-1.002	-2.567	1.142	2.127
2.83E-05						
ENSRNOG00000057601	AABR07044080.2	-0.660	-0.275	-1.158		
0.730	1.806	2.99E-05				
ENSRNOG00000029490	LOC102553763	-0.116	-0.297	-0.831		
0.278	0.674	2.99E-05				
ENSRNOG00000060248	Chchd6	0.184	0.616	1.427	-0.917	-1.561
2.99E-05						
ENSRNOG00000003832	Vash2	0.192	1.229	2.263	-1.061	-2.003
2.99E-05						
ENSRNOG00000020194	Hes6	-0.081	0.418	0.874	-0.401	-0.931
3.37E-05						
ENSRNOG00000053560	Rhou	-0.687	-0.350	-1.234	0.649	
1.758	3.50E-05					
ENSRNOG00000055408	Gcat	0.327	-0.312	-0.967	0.341	1.058
3.50E-05						
ENSRNOG00000002028	Tmem50b	-0.109	-0.353	-1.180		
0.282	0.928	3.50E-05				
ENSRNOG00000002365	Itm2a	0.668	-0.107	0.315	-0.365	-1.043
3.50E-05						
ENSRNOG00000016038	Mgmt	0.062	1.436	2.589	-1.347	-1.927
3.50E-05						
ENSRNOG00000022723	RGD1562029	-0.540	-1.090	-2.380		
0.896	2.178	4.08E-05				
ENSRNOG00000014166	Smoc2	0.111	0.448	1.122	-0.603	-1.145
4.12E-05						
ENSRNOG00000060972	Heca	-0.107	-0.218	-0.586	0.246	
0.647	4.13E-05					
ENSRNOG00000021014	Sec1	1.148	1.814	3.420	-2.126	-2.886
4.13E-05						
ENSRNOG00000027300	Ttc7b	-0.066	-0.333	-1.052	0.287	
0.769	4.19E-05					
ENSRNOG00000002977	Ttc19	-0.028	-0.500	-1.235	0.399	
0.943	4.44E-05					
ENSRNOG00000017496	Cnp	-0.248	0.551	1.588	-0.420	-1.197
4.44E-05						
ENSRNOG00000010283	Cd28	0.310	1.808	3.497	-2.260	-3.003
4.89E-05						
ENSRNOG00000019205	Gnpat	0.010	-0.358	-0.823	0.368	0.764
5.05E-05						
ENSRNOG00000033316	Foxo4	0.122	-0.308	-0.891	0.315	0.746
5.16E-05						
ENSRNOG00000025705	Armcx2	-0.330	0.483	1.955	-0.295	-
1.802	5.53E-05					
ENSRNOG00000042189	Rab31	-0.072	0.686	1.534	-0.684	-1.163
6.16E-05						
ENSRNOG00000011518	Dusp26	0.720	-0.504	-1.199	0.473	
0.904	6.18E-05					
ENSRNOG00000014241	Ece1	-0.027	-0.272	-0.689	0.285	
0.801	6.18E-05					
ENSRNOG00000050748	Dpp9	-0.093	-0.175	-0.608	0.226	
0.550	6.18E-05					

ENSRNOG00000015420 0.811 6.18E-05	Stxbp1	-0.069	0.508	1.158	-0.370	-
ENSRNOG00000027756 6.18E-05	RGD1560175	0.059	0.759	1.207	-0.797	-1.190
ENSRNOG00000025418 6.38E-05	Armc9	0.094	0.243	0.776	-0.278	-0.893
ENSRNOG00000000560 0.941 6.62E-05	Lrrc20	0.163	-0.385		-1.187	0.342
ENSRNOG00000015019 6.71E-05	Spg21	-0.101	0.735	1.594	-0.703	-1.137
ENSRNOG00000004763 6.71E-05	Sirpa	0.065	0.973	1.745	-0.752	-1.196
ENSRNOG00000009745 0.650 6.92E-05	Ppp3cc	0.163	-0.355		-0.837	0.280
ENSRNOG00000031824 6.92E-05	Slc44a2	0.200	0.364	0.568	-0.417	-0.625
ENSRNOG00000006733 0.729 6.97E-05	Srgap2	-0.039	0.268	0.809	-0.225	-
ENSRNOG00000043192 7.07E-05	Hacd1	0.074	0.085	0.404	-0.494	-0.979
ENSRNOG00000021365 7.44E-05	Ybey	0.122	-0.443		-1.217	0.357 0.968
ENSRNOG00000019773 0.340 0.719 7.96E-05	AABR07044089.1	0.109	-0.336			-0.991
ENSRNOG00000036664 7.97E-05	Narf	0.082	-0.423		-0.823	0.223 0.589
ENSRNOG00000031851 0.392 1.272 8.06E-05	Ndufa4l2	-0.344		-0.636		-1.016
ENSRNOG00000021200 8.06E-05	Hfe2	0.193	-0.229		-1.122	0.272 0.992
ENSRNOG00000004172 8.06E-05	Pdk2	0.030	-0.314		-1.110	0.341 0.928
ENSRNOG00000006756 0.727 8.06E-05	Maged1	-0.140	0.285	0.787	-0.396	-
ENSRNOG00000008235 8.48E-05	Mylk2	0.664	-0.607		-1.828	0.551 1.348
ENSRNOG00000039463 1.434 9.03E-05	Pcdhga1	0.218	-0.456		-1.558	0.366
ENSRNOG00000018239 1.086 9.03E-05	Dhrs4	-0.555	-0.262		-0.839	0.490
ENSRNOG00000017548 0.322 0.744 9.03E-05	Fam53a	-0.189		-0.346		-0.984
ENSRNOG00000005046 9.03E-05	Tspan13	0.832	0.628	1.015	-0.522	-1.053
ENSRNOG00000026592 4.315 9.03E-05	Rhbdl2	-0.191		2.191	3.508	-3.050 -
ENSRNOG00000005565 1.390 9.24E-05	Traf3ip3	-0.127		1.330	2.067	-0.780 -
ENSRNOG00000017932 0.875 9.27E-05	St3gal2	0.386	-0.458		-1.097	0.443
ENSRNOG00000004882 9.27E-05	Capn6	0.095	0.431	1.317	-0.525	-1.419
ENSRNOG00000052307 1.143 9.31E-05	Spats2	-0.308	0.205	1.174	-0.469	-

ENSRNOG00000046763 1.067 9.34E-05	Adssl1	0.077	-0.472	-1.346	0.490	
ENSRNOG00000014051 0.439 9.34E-05	Pgrmc2	-0.078	0.226	0.578	-0.164	-
ENSRNOG00000032922 9.34E-05	Dclk1	-0.017	1.679	2.690	-1.718	-2.319
ENSRNOG00000013346 9.38E-05	Asb14	0.159	-0.338	-0.962	0.313	0.694
ENSRNOG00000049681 0.432 9.90E-05	Mapre2	0.029	-0.217	-0.456	0.194	
ENSRNOG00000003927	Cd55	0.434	0.022	-0.834	0.210	0.907 1.01E-04
ENSRNOG00000017801 1.01E-04	Atf4	0.214	-0.227	-0.638	0.281	0.693
ENSRNOG00000004442 0.267 1.042 1.03E-04	RGD1311756	-0.487	-0.091	-0.751		
ENSRNOG00000001911 1.03E-04	Map6d1	0.389	0.890	2.334	-1.963	-3.556
ENSRNOG00000001924 1.04E-04	Tp63	0.426	1.117	1.621	-1.108	-1.447
ENSRNOG000000021440 0.938 1.06E-04	Pptc7	-0.282	-0.528	-1.110	0.391	
ENSRNOG00000018797 0.957 1.12E-04	Myrip	-0.101	-0.264	-0.661	0.421	
ENSRNOG00000006444 1.12E-04	Fkbp4	0.046	-0.467	-1.076	0.455	0.808
ENSRNOG00000006248 1.13E-04	Trim37	0.098	0.865	1.469	-1.085	-1.282
ENSRNOG00000012660 1.13E-04	Postn	1.242	0.942	2.760	-1.615	-2.630
ENSRNOG00000028356 0.647 1.255 1.14E-04	Chchd10	-0.206	-0.477	-1.433		
ENSRNOG00000057042 0.687 1.14E-04	Pcca	-0.118	-0.365	-0.733	0.247	
ENSRNOG00000059660 2.068 1.14E-04	AABR07065531.5	0.236	0.014	1.229	-0.396	-
ENSRNOG00000057367 0.443 1.17E-04	Glud1	-0.095	-0.204	-0.405	0.189	
ENSRNOG00000018552 0.682 1.24E-04	Slc25a38	0.318	-0.254	-0.779	0.307	
ENSRNOG00000006450 1.25E-04	Erbp2	-0.157	1.129	2.552	-1.913	-2.442
ENSRNOG00000053537 -1.845 1.28E-04	AABR07070131.1	-0.184	0.222	1.514	-0.378	
ENSRNOG00000045553 1.060 1.37E-04	Proser2	0.008	-0.472	-1.287	0.581	
ENSRNOG00000011394 1.39E-04	Kif3c	-0.109	0.892	1.292	-0.745	-1.129
ENSRNOG00000031364 1.44E-04	Kif1c	0.150	-0.298	-0.880	0.325	0.728
ENSRNOG00000061429 0.517 0.909 1.59E-04	Rph3a1	-0.053	-0.427	-0.981		
ENSRNOG00000053691 1.64E-04	Lama5	-0.064	0.643	1.170	-0.685	-1.013

ENSRNOG00000056257	Cacng7	0.327	-0.458	-1.875	0.478
1.514	1.67E-04				
ENSRNOG00000004726	Mapkapk2	-0.147	-0.305	-0.732	
0.247	0.550	1.67E-04			
ENSRNOG00000031275	AABR07054361.1	0.192	0.216	0.556	-0.328
0.807	1.67E-04				-
ENSRNOG00000000165	Pfkfb1	-0.154	-0.769	-1.755	
0.609	1.510	1.69E-04			
ENSRNOG00000000168	Gatm	-0.083	0.166	0.989	-0.245
1.70E-04					-0.863
ENSRNOG00000016097	Ccbl1	-0.130	-0.343	-0.894	0.211
0.704	1.72E-04				
ENSRNOG00000060550	Epn2	0.049	-0.096	-0.385	0.166
1.73E-04					0.455
ENSRNOG00000029637	Acot6	-0.221	2.106	4.771	-2.222
1.84E-04					-4.853
ENSRNOG00000022373	Dennd4b	-0.109	-0.259	-0.781	
0.326	0.722	1.87E-04			
ENSRNOG00000000503	Ppard	0.073	-0.122	-0.427	0.255
1.87E-04					0.601
ENSRNOG00000050035	Sall4	-0.251	-0.298	-1.541	0.537
1.559	1.96E-04				
ENSRNOG00000048195	Nudt13	-0.263	-0.240	-0.770	
0.207	0.716	1.99E-04			
ENSRNOG00000050646	Fem1a	-0.161	-0.142	-0.734	0.199
0.684	1.99E-04				
ENSRNOG00000020737	Cdc25a	0.015	0.477	1.112	-0.504
1.99E-04					-0.913
ENSRNOG00000020032	Impdh1	-0.142	0.690	1.255	-0.672
0.974	2.07E-04				-
ENSRNOG00000013781	Kcnq5	-0.008	0.824	1.187	-0.651
2.07E-04					-1.005
ENSRNOG00000017876	Dnajc21	0.328	-0.520	-1.169	0.463
0.838	2.10E-04				
ENSRNOG00000016863	Pnmal2	0.266	-0.257	0.468	-0.675
1.608	2.14E-04				-
ENSRNOG00000025502	Arhgef37	-0.044	-0.358	-1.165	
0.300	0.911	2.24E-04			
ENSRNOG00000010813	Tspan14	-0.058	0.456	0.798	-0.389
0.701	2.26E-04				-
ENSRNOG00000004040	Abca8	0.087	0.383	0.815	-0.747
2.26E-04					-0.969
ENSRNOG00000031890	Ncam1	-0.532	1.856	2.803	-1.881
2.26E-04					-1.942
ENSRNOG00000054765	Renbp	0.177	0.506	1.110	-0.510
2.34E-04					-0.843
ENSRNOG00000042496	Cyp4f17	-0.165	0.546	1.477	-0.647
1.301	2.37E-04				-
ENSRNOG00000057988	Pfkm	0.193	-0.494	-1.613	0.498
2.38E-04					1.198
ENSRNOG00000008079	Ugp2	0.135	-0.443	-1.055	0.304
2.38E-04					0.893
ENSRNOG00000021318	Epas1	-0.057	-0.344	-0.900	0.362
0.850	2.38E-04				

ENSRNOG00000014882	Fgf11	0.175	0.591	0.820	-0.765	-1.343	
2.38E-04							
ENSRNOG00000019688	Diaph1		-0.345		-0.161	-0.464	
0.264	0.760	2.42E-04					
ENSRNOG00000017226	Slc2a4		-0.005		-0.276	-0.897	
0.282	0.727	2.59E-04					
ENSRNOG00000001890	Txnrd2		-0.152		-0.212	-0.743	
0.244	0.663	2.59E-04					
ENSRNOG00000046705	Snx3	0.199	-0.258		-0.619	0.376	0.634
2.59E-04							
ENSRNOG00000059500	Cdkn1c		-0.175		1.249	2.124	-0.909
1.418	2.59E-04						-
ENSRNOG00000009580	Lca5	-0.290		0.760	2.222	-0.870	-2.065
2.59E-04							
ENSRNOG00000029571	Coq10a		-0.185		-0.324	-0.862	
0.247	0.777	2.87E-04					
ENSRNOG00000015962	Nmnat1		-0.011		-0.234	-0.822	
0.206	0.582	2.87E-04					
ENSRNOG00000003494	Ppfia4		-0.167		0.681	1.064	-0.595
1.030	2.87E-04						-
ENSRNOG00000008173	Sesn3	0.111	0.482	1.011	-0.661	-1.016	
2.88E-04							
ENSRNOG00000022691	St8sia5		0.212	-0.728		-2.116	0.737
1.516	2.93E-04						
ENSRNOG00000047218	Clic5	-0.013		-0.196		-0.740	0.146
0.677	2.93E-04						
ENSRNOG00000018985	Adrbk1		0.056	-0.199		-0.455	0.206
0.398	2.95E-04						
ENSRNOG00000020783	Ntf4	0.089	-0.787		-1.409	0.670	1.140
2.99E-04							
ENSRNOG00000021128	Kcnj11		0.255	-0.336		-1.157	0.360
0.805	2.99E-04						
ENSRNOG00000019752	Slc29a1		-0.142		0.744	1.375	-0.664
1.138	3.00E-04						-
ENSRNOG00000013040	Ddx31	0.156	0.232	0.601	-0.351	-0.532	
3.02E-04							
ENSRNOG00000001825	Pkp2	0.014	-0.264		-0.829	0.322	0.735
3.02E-04							
ENSRNOG00000025324	Spire1		-0.031		0.229	0.996	-0.511
1.005	3.07E-04						-
ENSRNOG00000004093	Rhot1	-0.088		0.160	0.589	-0.209	-0.549
3.14E-04							
ENSRNOG00000023162	Car14	-0.151		-0.313		-0.932	0.287
0.844	3.16E-04						
ENSRNOG00000020605	Pstk	-0.097		-0.300		-0.731	0.251
0.612	3.24E-04						
ENSRNOG00000007632	Mss51	0.813	-0.641		-2.166	0.633	1.619
3.41E-04							
ENSRNOG00000050630	RGD1565368	0.285	-0.232		-1.297	0.290	
1.019	3.45E-04						
ENSRNOG00000011145	Crhr2	0.498	0.742	1.546	-0.676	-1.576	
3.45E-04							
ENSRNOG00000052831	AABR07040629.1		0.737	0.822	1.456	-0.717	-
1.683	3.45E-04						

ENSRNOG00000025781	Sec31b	0.104	-0.282	-1.233	0.310	
0.909						
3.60E-04						
ENSRNOG00000046439	Vps37c	-0.029	0.558	0.906	-0.482	-
0.742						
3.62E-04						
ENSRNOG00000004820	Sarl1b	0.434	-0.595	-1.481	0.512	1.115
3.63E-04						
ENSRNOG00000001431	Rasa4	-0.054	-0.165	-0.705	0.348	
0.746						
3.63E-04						
ENSRNOG00000007541	Fhl3	0.019	-0.208	-1.118	0.378	1.057
3.64E-04						
ENSRNOG000000052236	AABR07004992.1	0.078	-0.388	-1.068		
0.334						
0.802						
3.64E-04						
ENSRNOG00000002418	Tgfb2	-0.107	0.589	0.848	-0.743	-0.978
3.64E-04						
ENSRNOG000000060021	Txlnb	-0.034	-0.287	-0.855	0.261	
0.728						
3.81E-04						
ENSRNOG00000000974	Zfp358	0.303	-0.405	-1.165	0.370	
0.848						
3.82E-04						
ENSRNOG000000020372	Hdac4	-0.087	1.356	1.610	-1.271	-1.262
3.82E-04						
ENSRNOG00000001130	Nos1	0.194	-0.305	-2.006	0.330	1.598
3.92E-04						
ENSRNOG00000001422	Col26a1	1.093	0.652	2.009	-1.761	-2.677
3.93E-04						
ENSRNOG00000007323	Ric8b	-0.035	-0.163	-0.544	0.180	
0.506						
3.93E-04						
ENSRNOG00000011306	Myod1	0.487	0.582	1.281	-0.477	-1.402
3.93E-04						
ENSRNOG000000048651	Nrtn	-0.916	-0.873	-1.708	1.453	
2.184						
4.14E-04						
ENSRNOG00000012536	Sgms1	0.178	-0.277	-0.796	0.217	0.721
4.14E-04						
ENSRNOG000000055226	Dab2ip	0.056	-0.139	-0.757	0.134	
0.603						
4.14E-04						
ENSRNOG00000011543	Fam118b	-0.208	-0.332	-0.584		
0.265						
0.537						
4.14E-04						
ENSRNOG00000012601	Leprotl1	0.124	0.053	0.331	-0.197	-0.435
4.14E-04						
ENSRNOG00000015192	Mrps5	-0.107	-0.214	-0.623	0.226	
0.562						
4.24E-04						
ENSRNOG00000003388	Cenpf	0.700	0.925	1.932	-1.649	-2.557
4.36E-04						
ENSRNOG000000020812	Gys1	-0.164	-0.312	-0.972	0.262	
0.804						
4.46E-04						
ENSRNOG000000037247	Rras	0.009	0.286	0.867	-0.207	-0.670
4.70E-04						
ENSRNOG000000008362	Zfp775	-0.158	-0.136	-0.566		
0.223						
0.526						
4.74E-04						
ENSRNOG00000003583	Smyd2	0.443	-0.413	-1.141	0.482	0.814
5.07E-04						
ENSRNOG00000004757	Tmem158	-0.319	3.298	4.895	-2.760	-
3.445						
5.07E-04						
ENSRNOG00000016043	Aqp4	0.357	-1.316	-2.065	1.250	1.994
5.11E-04						

ENSRNOG00000020308	Ech1	-0.221	-0.296	-0.454	0.351	
0.823 5.64E-04						
ENSRNOG00000018404	Aars	-0.048	-0.135	-0.512	0.158	
0.459 5.84E-04						
ENSRNOG00000003847	Gid4	0.178	-0.361	-0.886	0.242	0.584
5.85E-04						
ENSRNOG00000052398	AABR07042802.1	0.627	0.267	2.505	-1.100	-
3.529 5.85E-04						
ENSRNOG00000013057	Prc1	0.581	0.720	1.919	-1.350	-2.302
5.88E-04						
ENSRNOG00000014119	Farsb	-0.062	0.540	0.963	-0.542	-0.849
6.00E-04						
ENSRNOG00000016010	Mul1	0.066	-0.320	-0.908	0.293	0.616
6.04E-04						
ENSRNOG00000010257	Cuedc1	0.166	-0.235	-0.849	0.286	
0.666 6.06E-04						
ENSRNOG00000019290	Pskh1	0.032	-0.145	-0.670	0.186	0.533
6.06E-04						
ENSRNOG00000018106	Neu3	0.143	-0.512	-1.169	0.427	0.879
6.12E-04						
ENSRNOG00000020027	Arhgef2	-0.013	0.382	0.986	-0.323	-
0.712 6.19E-04						
ENSRNOG00000007896	Klhl38	0.006	-0.345	-1.082	0.241	
0.884 6.22E-04						
ENSRNOG00000009425	Fgf7	0.278	0.623	1.304	-0.659	-1.175
6.22E-04						
ENSRNOG00000054978	Hist1h1c	0.123	0.079	0.399	-0.309	-0.586
6.25E-04						
ENSRNOG00000028910	RGD1565536	-0.215	0.061	-0.471	0.082	
0.680 6.44E-04						
ENSRNOG00000020828	Pde4a	-0.040	-0.598	-1.704	0.649	
1.200 6.50E-04						
ENSRNOG00000011622	Echdc1	-0.206	-0.230	-0.512		
0.306 0.618 6.69E-04						
ENSRNOG00000004377	Lpin1	0.022	-0.499	-1.685	0.345	1.208
6.86E-04						
ENSRNOG00000019482	Gnao1	-0.294	-0.143	-0.848	0.289	
0.991 6.86E-04						
ENSRNOG00000057683	AABR07027212.1	-0.086	-0.326	-0.898		
0.235 0.922 6.86E-04						
ENSRNOG00000009536	Pgp	-0.050	-0.409	-1.282	0.307	
0.921 6.86E-04						
ENSRNOG00000019036	Ldhd	-0.149	-0.377	-0.981	0.347	
0.890 6.86E-04						
ENSRNOG00000048025	Cstf2	-0.109	0.181	0.542	-0.298	-0.627
6.86E-04						
ENSRNOG00000055648	Haus7	0.010	0.231	0.614	-0.221	-0.671
6.86E-04						
ENSRNOG00000011488	Sergef	-0.148	0.497	1.025	-0.404	-
1.039 6.86E-04						
ENSRNOG00000033567	Musk	-0.246	2.006	2.772	-1.575	-1.969
6.86E-04						
ENSRNOG00000055171	AABR07048040.1	-0.203	0.935	3.653	-0.301	
-3.117 6.86E-04						

ENSRNOG00000015911	Lrp5	-0.093	-0.099	-0.550	0.283
0.657 6.93E-04					
ENSRNOG00000016684	Wnk2	-0.243	-0.032	-0.877	0.133
0.907 6.95E-04					
ENSRNOG00000003310	Tmem63a	-0.114	-0.003	-0.199	
0.069 0.470 7.14E-04					
ENSRNOG00000017123	B2m	-0.130	0.792 1.530	-0.523	-0.835
7.17E-04					
ENSRNOG00000009045	Alg6	0.075 0.550 1.145	-0.785	-1.044	
7.17E-04					
ENSRNOG00000001584	Map3k7c1	-0.453	0.468 1.260	-0.519	-
1.418 7.44E-04					
ENSRNOG000000031431	Cdca8	0.488 0.594 1.109	-1.016	-1.392	
7.78E-04					
ENSRNOG00000003302	Flcn	-0.046	-0.220	-0.660	0.297
0.533 7.78E-04					
ENSRNOG000000033090	Ltbp1	0.309 0.857 1.469	-0.600	-1.025	
7.86E-04					
ENSRNOG00000000774	Gabbr1	-0.073	0.366 0.549	-0.354	-
0.626 7.89E-04					
ENSRNOG000000005464	Lgals1	0.201 -0.489	-1.038	0.338	
0.723 7.96E-04					
ENSRNOG000000004542	Ttc8	0.035 0.009 0.858	-0.325	-1.009	
7.96E-04					
ENSRNOG000000051306	Rn60_1_2682.1	-0.183	-0.369	-0.853	
0.309 0.849 7.98E-04					
ENSRNOG000000020607	Bckdha	-0.350	-0.230	-0.552	
0.322 0.676 7.98E-04					
ENSRNOG000000043199	Bves	0.295 0.342 0.320	-0.393	-0.537	
7.98E-04					
ENSRNOG000000014698	Chrnbl	0.166 0.444 0.515	-0.375	-0.619	
7.98E-04					
ENSRNOG000000011631	Fst	-0.183	1.257 2.298	-1.108	-1.799
7.98E-04					
ENSRNOG000000022957	Ctxn3	-0.658	3.630 4.423	-3.335	-3.111
7.98E-04					
ENSRNOG000000008911	Draxin	0.424 2.364 4.024	-2.640	-4.127	
7.98E-04					
ENSRNOG000000007069	Adhfe1	0.320 -0.346	-1.072	0.267	
1.042 8.11E-04					
ENSRNOG000000027622	Slc35e3	0.068 0.391 0.867	-0.386	-0.613	
8.14E-04					
ENSRNOG000000006365	Asb15	-0.298	-0.518	-1.400	0.448
1.047 8.16E-04					
ENSRNOG000000027434	Fitm2	-0.229	-0.700	-1.315	0.537
1.022 8.22E-04					
ENSRNOG000000016763	Fgfr4	0.404 0.412 0.813	-0.470	-0.856	
8.22E-04					
ENSRNOG000000038883	LOC294154	0.120 -0.387	-0.945	0.319	
0.629 8.29E-04					
ENSRNOG000000004162	Pfkfb2	-0.402	-0.205	-0.451	
0.257 0.650 8.30E-04					
ENSRNOG000000059659	Zfand3	0.300 -0.329	-0.784	0.377	
0.527 8.30E-04					

ENSRNOG00000009884 0.865 8.50E-04	Lgals1	-0.002	0.534	0.932	-0.420	-
ENSRNOG00000059957 0.821 8.54E-04	AABR07021734.2	0.176	0.170	0.553	-0.288	-
ENSRNOG00000014718 8.66E-04	Acls13	0.381	0.343	0.568	-0.410	-1.013
ENSRNOG00000004537 8.86E-04	Rxrg	0.198	-0.458	-1.649	0.443	1.060
ENSRNOG00000027731 2.307 8.92E-04	Ubxn10	0.060	-0.973	-2.583	0.866	
ENSRNOG00000017637 9.08E-04	Fbp2	0.241	-0.281	-1.453	0.466	1.336
ENSRNOG00000046280 9.08E-04	Tceal5	0.741	0.820	1.274	-0.718	-1.396
ENSRNOG00000003563 9.17E-04	Blmh	0.051	0.074	0.243	-0.124	-0.368
ENSRNOG00000026143 9.19E-04	Ckap21	0.718	0.310	1.519	-1.461	-2.684
ENSRNOG00000022727 0.463 9.23E-04	Tmem127	-0.037	0.214	0.444	-0.258	-
ENSRNOG00000017233 0.207 0.621 9.28E-04	Mmachc	-0.244	-0.274	-0.710		
ENSRNOG00000053047 9.28E-04	Top2a	0.155	0.908	1.865	-1.033	-2.137
ENSRNOG00000005960 9.35E-04	RGD1311744	0.132	0.706	1.899	-0.958	-1.465
ENSRNOG00000025518 0.782 1.702 9.40E-04	Lrrc16b	-0.955	-0.106	-0.830		
ENSRNOG00000012481 0.792 9.40E-04	Ppm1j	-0.094	-0.354	-1.097	0.286	
ENSRNOG00000011589 9.40E-04	Camk2d	0.565	0.172	0.327	-0.380	-0.772
ENSRNOG00000029336 0.693 9.48E-04	Zfp180	0.116	-0.348	-0.793	0.378	
ENSRNOG00000001769 9.48E-04	Tnk2	0.041	-0.304	-1.152	0.455	0.991
ENSRNOG00000055524 0.473 9.59E-04	Trip10	-0.005	0.009	-0.378	0.138	
ENSRNOG00000013452 9.60E-04	Rcn1	-0.048	0.418	1.095	-0.545	-0.846
ENSRNOG00000002026 0.239 0.742 9.62E-04	Dnajc28	-0.105	-0.349	-0.821		
ENSRNOG00000012524 9.64E-04	Zfp91	0.059	-0.474	-0.889	0.375	0.648
ENSRNOG00000002516 0.425 9.82E-04	Mtm1	-0.037	-0.094	-0.457	0.109	
ENSRNOG00000020244 1.503 9.86E-04	Perm1	-0.487	-0.672	-1.614	0.602	
ENSRNOG00000016829 0.416 0.862 9.99E-04	Isoc2b	-0.271	-0.497	-0.914		
ENSRNOG00000012868 1.01E-03	Uaca	0.096	-0.103	-0.569	0.165	0.558
ENSRNOG00000059013 1.058 1.01E-03	AABR07060519.1	0.169	0.171	-0.572	0.678	

ENSRNOG00000038597	Dlg1	0.115	-0.197	-0.629	0.256	0.594
1.01E-03						
ENSRNOG00000001055	Rilpl1		-0.019	-0.357	-0.807	
0.348	0.579	1.01E-03				
ENSRNOG000000052343	Eif4e	-0.079		-0.265	-0.555	0.182
0.493	1.01E-03					
ENSRNOG000000032664	RT1-O1	1.609	3.001	3.829	-2.568	-3.094
1.01E-03						
ENSRNOG000000042536	Pde4d	-0.032		-0.317	-1.343	0.291
1.157	1.02E-03					
ENSRNOG000000017752	Mccc2	-0.350		-0.153	-0.615	0.107
0.559	1.02E-03					
ENSRNOG000000016090	Mtmr10		-0.035	-0.323	-0.551	
0.235	0.475	1.03E-03				
ENSRNOG000000060154	Ddx23	0.200	-0.283	-0.775	0.363	0.588
1.06E-03						
ENSRNOG000000015986	Rassf8		-0.103	-0.202	-0.652	
0.190	0.500	1.06E-03				
ENSRNOG000000016054	Tab2	0.143	-0.370	-0.842	0.255	0.563
1.06E-03						
ENSRNOG000000019645	Osbp2	-0.499		-0.118	-0.653	0.314
1.132	1.07E-03					
ENSRNOG000000017117	Ybx2	0.090	-0.819	-1.483	0.802	1.089
1.07E-03						
ENSRNOG000000011603	Cab39l	0.161	-0.334	-0.654	0.176	
0.501	1.08E-03					
ENSRNOG000000048169	Tuba8	-0.002		-0.366	-1.675	0.475
1.139	1.09E-03					
ENSRNOG000000000954	Rpo1-3	0.135	0.226	0.598	-0.298	-0.665
1.09E-03						
ENSRNOG000000022392	Hspb8	-0.030		0.560	1.089	-0.510
1.10E-03						
ENSRNOG000000015029	Dbt	-0.059		-0.099	-0.471	0.103
0.623	1.10E-03					
ENSRNOG000000029441	Klhl2	-0.053		0.449	1.252	-0.444
1.11E-03						
ENSRNOG000000042915	Mxra7	-0.384		0.789	1.988	-1.013
1.11E-03						
ENSRNOG000000005916	Ppm1a	0.149	-0.332	-0.532	0.256	0.509
1.15E-03						
ENSRNOG000000021025	Ppp2r5b		-0.039	-0.173	-0.446	
0.241	0.441	1.15E-03				
ENSRNOG000000017816	Pde6a	-0.216		2.659	4.313	-2.658
1.16E-03						
ENSRNOG000000002840	Atp5b	-0.227		-0.285	-0.780	0.276
0.687	1.17E-03					
ENSRNOG000000025145	Rmdn1	-0.252		-0.466	-0.857	0.383
0.756	1.19E-03					
ENSRNOG000000033361	Slc39a5		-0.203	-0.227	-0.709	
0.172	0.698	1.19E-03				
ENSRNOG000000010725	Cpa1	0.329	0.018	0.559	-0.553	-1.197
1.19E-03						
ENSRNOG000000059840	Unc5a	0.719	-0.153	-1.639	0.622	1.723
1.19E-03						

ENSRNOG00000014130	LOC100362620	0.651	1.567	2.391	-1.460	-
1.937	1.21E-03					
ENSRNOG00000006802	Lrrn1	0.146	0.280	1.662	-0.740	-1.797
1.22E-03						
ENSRNOG00000054063	LOC100910872	-0.249		-0.185		-0.510
0.232	0.567	1.22E-03				
ENSRNOG00000015225	Gramd3	-0.114		0.396	0.917	-0.388
0.759	1.22E-03					
ENSRNOG00000019048	Sod2	-0.301		-0.302		-0.742
0.627	1.24E-03					0.282
ENSRNOG00000004534	Spdya	-0.159		-0.326		-1.050
1.048	1.25E-03					0.491
ENSRNOG00000011648	Aqp1	-0.123		-0.318		-0.586
0.709	1.25E-03					0.368
ENSRNOG00000004834	Llgl2	-0.111		0.010	-1.104	0.254
1.25E-03						1.069
ENSRNOG00000037957	Aifm3	-0.187		0.029	-0.700	0.664
1.27E-03						1.176
ENSRNOG00000012091	Ppa2	-0.166		-0.437		-0.817
0.650	1.27E-03					0.375
ENSRNOG00000028357	Lrrc14b	0.137		-0.288		-0.992
0.638	1.27E-03					0.253
ENSRNOG00000049531	Usp19	-0.054		-0.191		-0.677
0.477	1.27E-03					0.197
ENSRNOG00000006865	Laptm4a	0.155	0.060	0.256	-0.108	-0.331
1.27E-03						
ENSRNOG00000032929	Incenp	0.166	0.101	0.196	-0.162	-0.787
1.27E-03						
ENSRNOG00000015582	Me2	-0.062		0.455	1.333	-0.310
1.27E-03						-0.871
ENSRNOG00000007483	Ccnf	0.639	0.935	1.861	-1.416	-2.585
1.27E-03						
ENSRNOG00000024128	Aco2	-0.152		-0.269		-0.864
0.689	1.27E-03					0.208
ENSRNOG00000014368	Eif4g3	-0.014		-0.087		-0.454
0.127	0.496	1.27E-03				
ENSRNOG00000030515	Nfasc	-0.683		-0.030		-1.093
1.308	1.28E-03					0.594
ENSRNOG00000010543	Srpr	-0.136		-0.177		-0.634
0.462	1.28E-03					0.180
ENSRNOG00000030225	Clpx	-0.249		-0.262		-0.454
0.579	1.32E-03					0.188
ENSRNOG00000053904	AABR07022113.1	-0.135		-0.991		-3.538
0.835	2.403	1.32E-03				
ENSRNOG00000008592	Barx2	-0.222		0.149	-0.990	0.660
1.32E-03						1.361
ENSRNOG00000025415	Mettl11b	-0.844		-0.421		-1.299
0.400	1.171	1.32E-03				
ENSRNOG00000007133	Plxnb2	0.237	0.313	0.534	-0.311	-0.553
1.32E-03						
ENSRNOG00000018841	Sox8	0.321	-0.051	1.063	-0.546	-2.079
1.32E-03						
ENSRNOG00000033335	Cenpi	-0.218		-0.044	1.142	0.099
1.32E-03						-2.206

ENSRNOG00000061934 3.524 1.32E-03	AABR07044836.1	0.386	1.673	3.887	-1.363	-
ENSRNOG00000030963 0.940 1.33E-03	LOC685186	0.300	-0.266		-1.250	0.277
ENSRNOG00000016484 0.632 1.33E-03	Gstk1	-0.135	-0.229		-0.536	0.278
ENSRNOG00000007164 1.33E-03	Cln6	0.220	0.005	0.329	-0.353	-0.657
ENSRNOG00000011448 1.35E-03	Eri1	0.104	0.126	0.512	-0.231	-0.560
ENSRNOG00000022699 3.217 1.36E-03	Rn60_10_0644.1	0.161	1.501	3.278	-1.218	-
ENSRNOG00000009427 1.38E-03	Tbx21	1.055	0.994	1.416	-0.999	-1.738
ENSRNOG00000000632 1.38E-03	Cdk1	0.669	1.065	2.292	-1.394	-2.469
ENSRNOG00000013211 0.694 1.38E-03	Chchd3	0.010	-0.481		-0.906	0.414
ENSRNOG00000000047 1.39E-03	Cd82	-0.049	0.424	1.156	-0.272	-0.761
ENSRNOG00000014948 0.176 1.152 1.41E-03	Osgin1	-0.102		-0.104		-0.508
ENSRNOG00000042634 1.41E-03	Serpina12	0.383	2.849	4.219	-1.985	-2.692
ENSRNOG00000027383 1.44E-03	Sntn	0.313	1.653	3.614	-2.150	-3.481
ENSRNOG00000010415 0.548 1.44E-03	Atxn7l4	0.045	-0.290		-0.722	0.275
ENSRNOG00000019181 1.45E-03	Synpo	0.016	-0.376		-0.943	0.303 0.839
ENSRNOG00000012759 1.47E-03	Col19a1	0.265	2.176	3.839	-2.876	-3.567
ENSRNOG00000008056 1.142 1.47E-03	Ankrd9	0.167	-0.413		-1.684	0.462
ENSRNOG00000020202 0.610 1.52E-03	Asrgl1	0.392	-0.299		-0.723	0.269
ENSRNOG00000053468 0.778 1.52E-03	Tubalb	-0.044		0.266	1.008	-0.340 -
ENSRNOG00000050473 1.52E-03	Rps27l	0.361	0.331	0.721	-0.348	-0.836
ENSRNOG00000019372 0.748 1.53E-03	Pc	-0.056	-0.209		-0.906	0.316
ENSRNOG00000004640 0.977 1.56E-03	Mtfp1	-0.312	-0.411		-1.204	0.307
ENSRNOG00000015829 1.56E-03	Trpm1	0.079	-0.233		-1.910	0.574 1.489
ENSRNOG00000000920 1.57E-03	Phkg1	0.229	-0.336		-1.579	0.383 1.119
ENSRNOG00000020371 1.57E-03	Pgap2	0.007	0.173	0.365	-0.208	-0.379
ENSRNOG00000034190 1.57E-03	Ighm	-0.192		0.604	1.837	-0.507 -1.576
ENSRNOG00000038366 0.520 1.58E-03	Larp1b	0.005	-0.273		-0.759	0.183

ENSRNOG00000022922	Slc25a12	-0.144	-0.328	-0.961	
0.235 0.751 1.58E-03					
ENSRNOG00000006068	Tmem117	0.176	0.091	0.311	-0.151 -0.587
1.58E-03					
ENSRNOG00000003802	Pttg1	0.587	0.430	1.573	-0.568 -2.269
1.58E-03					
ENSRNOG00000018630	Gapdh	0.277	-0.245	-1.188	0.269 0.915
1.58E-03					
ENSRNOG00000012014	Fam160b2	-0.087	-0.227	-0.832	
0.214 0.611 1.58E-03					
ENSRNOG00000006030	Ptprz1	0.385	0.044	0.638	-0.731 -1.497
1.58E-03					
ENSRNOG000000061851	Foxj3	-0.044	-0.255	-0.610	0.170
0.452 1.66E-03					
ENSRNOG00000011425	Ptpn3	-0.501	-0.466	-1.168	0.463
1.181 1.68E-03					
ENSRNOG00000010800	Hadhb	-0.391	-0.312	-0.417	0.300
0.735 1.68E-03					
ENSRNOG00000000921	Ubl3	-0.038	-0.148	-0.264	0.116
0.305 1.68E-03					
ENSRNOG00000022533	Micall2	0.012	0.913	1.894	-0.762 -1.526
1.68E-03					
ENSRNOG000000059224	Reps1	-0.162	0.169	0.712	-0.133 -0.635
1.70E-03					
ENSRNOG000000058003	Spon1	0.313	0.425	1.477	-0.811 -1.493
1.70E-03					
ENSRNOG00000016292	Pdzd9	-0.245	-0.526	-0.989	0.345
0.876 1.71E-03					
ENSRNOG00000016338	Fam92a1	0.236	-0.576	0.023	-0.435 -
0.843 1.72E-03					
ENSRNOG000000049033	Racgap1	0.355	1.048	1.780	-1.166 -2.769
1.72E-03					
ENSRNOG000000020857	Ppfia1	-0.246	-0.138	-0.382	
0.215 0.519 1.73E-03					
ENSRNOG000000057284	Cenpb	0.017	-0.199	-0.434	0.223 0.384
1.73E-03					
ENSRNOG000000004518	Cacnb1	0.301	0.383	0.526	-0.288 -0.740
1.74E-03					
ENSRNOG00000017146	RGD1560225	-0.097	-0.168	-0.776	
0.233 0.640 1.74E-03					
ENSRNOG00000019930	Rhot2	-0.150	-0.119	-0.355	0.147
0.405 1.75E-03					
ENSRNOG000000005877	Lrpprc	-0.198	-0.268	-0.674	
0.205 0.616 1.76E-03					
ENSRNOG00000011659	Alpk3	-0.092	-0.261	-0.705	0.190
0.605 1.76E-03					
ENSRNOG000000020706	Kcnn3	-0.148	1.296	1.773	-1.048 -1.107
1.77E-03					
ENSRNOG000000007955	Timp4	0.015	-0.348	-0.775	0.511 0.989
1.77E-03					
ENSRNOG00000015180	Kdm8	0.056	-0.251	-0.679	0.220 0.511
1.77E-03					
ENSRNOG00000016364	Gba2	-0.228	-0.249	-0.422	0.347
0.510 1.78E-03					

ENSRNOG00000018415	Acot13	-0.148	-0.460	-1.019	
0.378 0.824 1.81E-03					
ENSRNOG00000014050	Ptges2	-0.174	-0.269	-0.718	
0.280 0.589 1.82E-03					
ENSRNOG00000054479	Zw10	0.255 0.352 0.633	-0.326	-0.496	
1.82E-03					
ENSRNOG00000028623	Agpat5	0.226 0.136 0.305	-0.349	-0.490	
1.83E-03					
ENSRNOG00000043128	Armcx4	-0.143	0.075 0.922	-0.197	-
0.814 1.83E-03					
ENSRNOG00000013961	Ghitm	-0.177	-0.256	-0.463	0.246
0.497 1.84E-03					
ENSRNOG00000012051	Ncaph	0.158 0.106 1.581	-0.177	-2.175	
1.84E-03					
ENSRNOG00000052354	Arhgef40	-0.024	0.153 0.574	-0.216	-
0.580 1.87E-03					
ENSRNOG00000003334	Klhl21	0.264 -0.309	-1.018	0.345	
0.742 1.88E-03					
ENSRNOG00000001653	St3gal6	0.335 -0.542	-1.027	0.328	
0.696 1.88E-03					
ENSRNOG00000015774	Mreg	0.302 -0.256	-0.623	0.334 0.606	
1.88E-03					
ENSRNOG00000056216	Casp7	0.001 -0.297	-0.590	0.352 0.498	
1.88E-03					
ENSRNOG00000010873	Pithd1	-0.198	-0.134	-0.370	
0.233 0.475 1.88E-03					
ENSRNOG00000016150	Ifrd2	0.124 -0.136	-0.568	0.276 0.462	
1.88E-03					
ENSRNOG00000046227	Tprg11	0.058 0.215 0.545	-0.203	-0.478	
1.88E-03					
ENSRNOG00000018286	Chrna1	-0.832	2.549 4.148	-2.599	-
2.959 1.88E-03					
ENSRNOG00000011881	Slc25a15	-0.192	-0.272	-0.431	
0.388 0.588 1.88E-03					
ENSRNOG00000002271	Slain2	0.003 0.450 0.726	-0.516	-0.629	
1.88E-03					
ENSRNOG00000057072	Slc12a3	-0.025	3.254 4.393	-3.891	-
2.900 1.89E-03					
ENSRNOG00000009421	Ivd	-0.139	-0.240	-0.518	0.223
0.618 1.91E-03					
ENSRNOG00000003841	Kcnh1	-1.062	0.432 -1.489	1.273 2.206	
1.93E-03					
ENSRNOG00000021096	Tmem143	-0.211	-0.237	-0.668	
0.278 0.614 1.94E-03					
ENSRNOG00000019791	Sipa112	-0.055	-0.453	-0.944	
0.373 0.772 1.94E-03					
ENSRNOG00000053270	AABR07053741.1	-0.176	-0.292	-0.452	
0.252 0.510 1.94E-03					
ENSRNOG00000060728	Tubal1a	0.039 0.016 0.694	-0.107	-0.741	
1.97E-03					
ENSRNOG00000025997	Mrrf	-0.216	-0.075	-0.224	0.106
0.355 1.97E-03					
ENSRNOG00000016695	Mmp2	0.298 0.283 0.991	-0.406	-0.942	
1.97E-03					

ENSRNOG00000052664	LOC100910717	-0.130	-0.398	-0.914	
0.265 0.670 2.04E-03					
ENSRNOG00000020596	Atp5s1	-0.091	-0.155	-0.460	
0.149 0.419 2.05E-03					
ENSRNOG00000028812	Trim80	0.058 2.420 3.985	-2.324	-3.662	
2.07E-03					
ENSRNOG00000056697	Kcnab1	0.803 0.276 0.858	-0.268	-1.449	
2.09E-03					
ENSRNOG00000038140	Whsc1	0.075 0.099 0.395	-0.432	-0.506	
2.10E-03					
ENSRNOG00000050675	Myl4	0.269 0.536 0.924	-0.445	-1.126	
2.11E-03					
ENSRNOG00000001710	Abcf3	-0.130	-0.179	-0.471	0.189
0.397 2.13E-03					
ENSRNOG00000017993	Abcb10	-0.176	-0.159	-0.529	
0.139 0.419 2.14E-03					
ENSRNOG00000016509	Usp10	0.000 -0.140	-0.466	0.151 0.369	
2.20E-03					
ENSRNOG00000003242	Gulp1	-0.272	0.320 0.993	-0.395	-0.846
2.20E-03					
ENSRNOG00000020164	Ifitm10	0.389 0.941 1.339	-0.694	-1.223	
2.20E-03					
ENSRNOG00000042344	Smim22	0.594 0.806 2.170	-0.940	-2.250	
2.20E-03					
ENSRNOG00000037801	LOC100360238	-0.649	-0.347	-1.251	
-0.337 1.542 2.21E-03					
ENSRNOG00000007459	Pcnx	-0.037	-0.013	-0.393	0.203
0.553 2.23E-03					
ENSRNOG00000000804	Mrps18b	-0.117	-0.245	-0.481	
0.317 0.513 2.23E-03					
ENSRNOG00000004595	Pou6f1	-0.055	0.097 -0.382	0.297	
0.566 2.24E-03					
ENSRNOG00000038625	Sbk2	-0.690	-0.870	-1.756	0.791
1.834 2.27E-03					
ENSRNOG00000005987	Suox	-0.221	-0.435	-0.590	0.367
0.708 2.27E-03					
ENSRNOG00000008797	Tmpo	0.029 -0.178	-0.464	0.221 0.449	
2.28E-03					
ENSRNOG00000025167	Sema4b	0.122 0.384 0.844	-0.357	-0.680	
2.30E-03					
ENSRNOG00000004471	Polr3h	0.242 0.302 0.647	-0.111	-0.566	
2.32E-03					
ENSRNOG00000025295	Mavs	-0.567	-0.376	-0.803	0.377
0.823 2.32E-03					
ENSRNOG00000019063	Fbxo38	0.070 0.160 0.226	-0.199	-0.317	
2.33E-03					
ENSRNOG00000009289	Galk2	-0.009	0.219 0.620	-0.216	-0.600
2.33E-03					
ENSRNOG00000009863	Prrt3	0.431 0.766 1.638	-0.343	-1.411	
2.33E-03					
ENSRNOG00000005064	Ube2b	0.079 -0.182	-0.426	0.174 0.412	
2.34E-03					
ENSRNOG00000003777	Chrne	0.387 0.735 1.347	-1.405	-1.547	
2.34E-03					

ENSRNOG00000009431	Tbc1d4	-0.099	-0.401	-1.240	
0.349 1.015 2.37E-03					
ENSRNOG00000001276	Pcnt	-0.158	-0.150	-0.679	0.227
0.697 2.38E-03					
ENSRNOG00000008040	Fam64a	1.122	0.744	2.633	-1.869
2.41E-03					
ENSRNOG00000000321	Cd24	0.560	-0.369	-1.421	0.444
2.44E-03					
ENSRNOG000000015904	Wfdc1	0.051	-0.394	-1.309	0.358
2.45E-03					
ENSRNOG00000000657	Nek7	0.119	-0.232	-0.743	0.270
2.46E-03					
ENSRNOG000000032443	Lmod3	-0.122	-0.608	-0.966	0.462
0.677 2.47E-03					
ENSRNOG000000030869	Aldoart2	0.379	-0.585	-1.557	0.654
1.307 2.48E-03					
ENSRNOG000000008086	Dpf3	-0.004	-0.272	-1.155	0.265
0.852 2.49E-03					
ENSRNOG000000007059	Atplb4	-0.199	0.579	1.009	-0.732
1.271 2.50E-03					
ENSRNOG000000006305	Slc38a2	-0.058	-0.175	-0.658	
0.218 0.731 2.59E-03					
ENSRNOG000000010475	Casp3	0.088	0.392	0.918	-0.130
2.62E-03					
ENSRNOG000000016451	Cd1d1	0.038	-0.401	-1.285	0.463
2.62E-03					
ENSRNOG000000009819	Vezf1	0.168	-0.240	-0.837	0.190
2.63E-03					
ENSRNOG000000019585	Kat8	0.109	-0.222	-0.604	0.247
2.63E-03					
ENSRNOG000000003887	Lgi2	0.163	-0.576	-2.222	0.449
2.66E-03					
ENSRNOG000000005615	Gadd45a	-0.446	2.082	3.227	-1.766
1.860 2.66E-03					
ENSRNOG000000047236	AABR07008066.2	-0.019	-0.440	-1.334	
0.271 1.177 2.66E-03					
ENSRNOG000000009439	Eef1a1	0.024	0.424	1.372	-0.435
2.67E-03					
ENSRNOG000000014034	Olfml2a	0.002	0.043	0.685	-0.484
2.67E-03					
ENSRNOG000000008145	Traf3	0.075	0.163	0.346	-0.405
2.69E-03					
ENSRNOG000000030245	Tango2	0.014	-0.149	-0.636	0.278
0.632 2.71E-03					
ENSRNOG000000056462	Tmf1	0.046	-0.261	-0.546	0.165
2.74E-03					
ENSRNOG000000024795	Zfp862	-0.184	0.660	1.364	-0.689
1.036 2.74E-03					
ENSRNOG000000011588	Rnf146	0.025	-0.193	-0.379	0.123
0.374 2.75E-03					
ENSRNOG000000010134	Acot2	-0.418	-0.114	-0.258	0.006
0.711 2.76E-03					
ENSRNOG000000021139	Esrra	-0.234	-0.342	-0.793	0.355
0.670 2.76E-03					

ENSRNOG00000014044	Pank4	-0.063	-0.225	-0.739	0.275
0.537 2.76E-03					
ENSRNOG00000017871	Sidt2	0.042	-0.137	-0.299	0.205 0.385
2.76E-03					
ENSRNOG00000007089	Lgmn	-0.055	0.323	0.906	-0.248 -0.580
2.76E-03					
ENSRNOG00000013751	Prosc	0.071	-0.182	-0.423	0.157 0.335
2.79E-03					
ENSRNOG00000012835	Espl1	-0.425	-0.707	-2.016	0.678
1.346 2.81E-03					
ENSRNOG00000006931	Eepd1	0.227	-0.472	-1.620	0.533 1.121
2.81E-03					
ENSRNOG00000014030	Sym	0.058	-0.288	-0.986	0.254 0.721
2.81E-03					
ENSRNOG000000061468	AABR07042825.1	-0.033	1.864	3.222	-1.703
-2.876 2.81E-03					
ENSRNOG000000021090	Pygm	0.244	-0.264	-1.428	0.317 1.042
2.81E-03					
ENSRNOG000000031590	AABR07048308.1	0.274	-0.276	-1.208	
0.375 1.008 2.81E-03					
ENSRNOG000000043037	Zfp770	-0.025	-0.451	-0.757	
0.293 0.826 2.81E-03					
ENSRNOG00000011422	Atmin	0.016	-0.220	-0.817	0.145 0.613
2.81E-03					
ENSRNOG00000013293	Mccc1	-0.104	-0.221	-0.557	0.192
0.529 2.81E-03					
ENSRNOG000000025459	Mars	-0.076	-0.070	-0.260	0.147
0.314 2.81E-03					
ENSRNOG000000060821	Rnf114	0.033	-0.091	-0.306	0.108
0.276 2.81E-03					
ENSRNOG00000018020	Apbb1	0.073	0.399	0.588	-0.156 -0.540
2.81E-03					
ENSRNOG00000017911	Tcaf1	-0.071	0.176	0.761	-0.236 -0.792
2.81E-03					
ENSRNOG000000043300	LOC100912292	-0.475	1.078	2.092	-0.532
-1.336 2.81E-03					
ENSRNOG000000042847	LOC687707	0.478	0.918	1.558	-1.633 -1.796
2.81E-03					
ENSRNOG000000002828	Tob1	0.008	-0.346	-0.798	0.392 0.657
2.82E-03					
ENSRNOG000000050843	Mut	-0.063	-0.342	-0.713	0.240
0.634 2.82E-03					
ENSRNOG000000023452	LOC691354	-0.009	-0.509	-1.249	
0.453 0.799 2.82E-03					
ENSRNOG000000024972	Cox10	-0.226	-0.318	-0.867	0.223
0.763 2.85E-03					
ENSRNOG000000020544	Sdr39u1	-0.151	-0.239	-0.619	
0.395 0.619 2.85E-03					
ENSRNOG000000048050	Tmem120b	-0.003	-0.062	-0.565	
0.160 0.489 2.85E-03					
ENSRNOG00000019648	Col6a3	0.054	0.153	0.918	-0.540 -1.035
2.85E-03					
ENSRNOG00000001654	Cpox	-0.076	-0.189	-0.462	0.102
0.381 2.86E-03					

ENSRNOG00000025000 0.347 2.86E-03	Cep104	0.005	-0.122		-0.425	0.075
ENSRNOG00000011821 2.86E-03	S100a4	0.270	0.814	2.314	-1.008	-1.470
ENSRNOG00000005214 2.91E-03	Plek	1.569	0.288	0.493	-0.944	-1.234
ENSRNOG00000021011 2.93E-03	Fut2	0.420	0.907	1.487	-1.554	-1.519
ENSRNOG00000017369 2.93E-03	Mustn1	0.628	1.324	2.327	-1.168	-1.854
ENSRNOG00000002449 0.536 2.96E-03	Maged2	-0.126		0.186	0.526	-0.141
ENSRNOG00000010150 3.02E-03	Strbp	0.131	-0.301		-0.994	0.281 0.712
ENSRNOG00000010934 3.02E-03	Spa17	0.233	-0.590		-1.279	0.533 0.907
ENSRNOG00000001770 0.758 3.02E-03	Ehhadh	0.122	-0.331		-0.665	0.351
ENSRNOG00000017250 3.02E-03	Gmpr	0.203	-0.268		-0.927	0.275 0.614
ENSRNOG00000006096 3.062 3.02E-03	Slc26a7	-0.172		1.236	2.671	-1.295
ENSRNOG00000020182 3.02E-03	Mvp	0.105	0.716	0.887	-0.616	-0.793
ENSRNOG00000001249 3.05E-03	Col6a1	0.136	0.145	0.762	-0.413	-0.912
ENSRNOG00000014935 0.389 3.06E-03	Peo1	-0.027		-0.198	-0.420	0.169
ENSRNOG00000013076 0.387 3.06E-03	Csnkle	0.034	-0.091		-0.424	0.176
ENSRNOG00000039496 3.06E-03	Plp2	0.168	0.423	0.800	-0.404	-0.620
ENSRNOG00000024605 0.291 0.727 3.07E-03	Fam220a	-0.040		-0.374		-0.937
ENSRNOG00000018047 0.411 3.07E-03	Gorasp1	0.016	-0.072		-0.504	0.132
ENSRNOG00000015380 3.07E-03	Jup	0.058	0.315	0.348	-0.242	-0.404
ENSRNOG00000010664 3.08E-03	Wdr73	0.147	0.251	0.498	-0.320	-0.637
ENSRNOG00000019180 3.12E-03	Acsl4	0.111	0.892	1.432	-0.846	-1.121
ENSRNOG00000025460 3.12E-03	Tmem71	0.226	0.970	1.758	-0.638	-1.404
ENSRNOG00000060120 0.457 3.12E-03	Selo	-0.076		-0.135	-0.518	0.234
ENSRNOG00000014289 3.12E-03	Arpc2	0.098	0.107	0.360	-0.182	-0.371
ENSRNOG00000010553 3.12E-03	Pnma1	0.705	1.635	2.377	-1.780	-1.919
ENSRNOG00000000922 3.13E-03	Sumf2	0.253	-0.341		-1.471	0.368 0.991
ENSRNOG00000018825 0.318 3.13E-03	Dcaf11	0.046	-0.144		-0.407	0.212

ENSRNOG00000000809 3.13E-03	Atat1 -0.093	0.373	0.610	-0.297	-0.561
ENSRNOG00000018681 1.167 3.13E-03	LOC100910255	0.005	0.300	1.432	-0.607 -
ENSRNOG00000006328 3.13E-03	Wwp1 0.138 -0.398	-0.982	0.311	0.695	
ENSRNOG00000018657 0.454 3.17E-03	Scrn3 -0.170	-0.365	-0.647	0.148	
ENSRNOG00000018097 0.415 3.19E-03	Emc1 -0.052	-0.101	-0.474	0.093	
ENSRNOG00000018533 3.19E-03	Iffo1 -0.074	0.450	0.939	-0.319	-0.609
ENSRNOG00000001750 3.19E-03	Chrd -0.257	0.864	1.587	-1.075	-1.272
ENSRNOG00000020644 3.19E-03	Nsg2 0.188 0.555 2.135	-1.273	-2.278		
ENSRNOG00000013194 0.801 3.20E-03	Rps6ka2 0.060 -0.369	-1.209	0.252		
ENSRNOG00000012663 3.20E-03	Mfsd6 0.052 -0.183	-0.945	0.167	0.602	
ENSRNOG00000006985 3.20E-03	Ccnk 0.068 -0.142	-0.472	0.190	0.440	
ENSRNOG00000028113 0.428 3.20E-03	Whamm -0.069	-0.005	-0.248	0.143	
ENSRNOG00000006731 3.20E-03	Spc25 0.514 0.373 1.686	-0.641	-2.529		
ENSRNOG00000011154 0.328 0.762 3.22E-03	Adgrf5 -0.154	-0.294	-0.549		
ENSRNOG00000005371 3.23E-03	Klhl29 0.043 0.597 0.961	-0.270	-0.787		
ENSRNOG00000016242 3.23E-03	Fzd1 -0.102	0.189	0.727	-0.280	-0.803
ENSRNOG00000012443 0.757 3.26E-03	Cpt2 -0.485	-0.331	-0.577	0.185	
ENSRNOG00000007862 0.602 3.28E-03	Acat1 -0.380	-0.260	-0.631	0.234	
ENSRNOG00000008118 3.29E-03	Sync 0.192 0.320 0.370	-0.264	-0.570		
ENSRNOG00000040257 0.414 3.30E-03	Chmp2b -0.055	0.093	0.389	-0.255	-
ENSRNOG00000013468 0.997 3.32E-03	Fam213b 0.285 -0.388	-1.463	0.518		
ENSRNOG00000006947 0.530 3.35E-03	Pdhx -0.187	-0.314	-0.778	0.158	
ENSRNOG00000017352 0.414 3.35E-03	Ctdnep1 0.000 -0.240	-0.528	0.252		
ENSRNOG00000003063 3.36E-03	Phka1 0.141 -0.281	-1.616	0.184	1.044	
ENSRNOG00000004229 3.37E-03	Tac3 0.215 1.460 2.928	-1.841	-3.515		
ENSRNOG00000017116 0.495 3.38E-03	Zfp532 0.068 -0.169	-0.662	0.195		
ENSRNOG00000013618 0.563 3.38E-03	Ankrd10 -0.159	0.242	0.609	-0.453	-

ENSRNOG00000042477 3.42E-03	Clrn1	1.216	0.459	3.202	-0.171	-3.104	
ENSRNOG00000048704 0.945 3.46E-03	RGD1562758	0.262	-0.309		-1.014	0.357	
ENSRNOG00000052498 0.616 3.46E-03	Grb14	-0.060		-0.041	-0.614	0.124	
ENSRNOG00000015385 3.46E-03	Pink1	0.007	-0.227		-0.668	0.291	0.577
ENSRNOG00000003191 0.856 3.46E-03	Bhlhb9		-0.153		0.181	0.843	-0.624 -
ENSRNOG00000006646 3.47E-03	Vopp1	-0.167		0.090	1.296	-0.216	-0.994
ENSRNOG00000008942 0.536 1.547 3.47E-03	RGD1304963	-0.898			-0.360	-1.385	
ENSRNOG00000007949 1.216 3.47E-03	Rgn	-0.407		-0.781	-1.830	0.660	
ENSRNOG00000024568 0.369 0.768 3.47E-03	Ndufs7		-0.103		-0.330	-0.950	
ENSRNOG00000052025 3.47E-03	Aes	0.111	-0.278		-0.798	0.359	0.591
ENSRNOG00000015869 0.588 3.47E-03	Pccb	-0.134		-0.263	-0.728	0.258	
ENSRNOG00000009217 3.47E-03	Fbxo6	0.122	-0.250		-0.610	0.349	0.544
ENSRNOG00000020892 3.47E-03	Dpf2	0.014	-0.109		-0.430	0.155	0.361
ENSRNOG00000017954 3.47E-03	Slmo1	0.266	0.299	0.947	-0.577	-1.247	
ENSRNOG00000006236 3.47E-03	Dsn1	0.487	0.650	1.306	-0.664	-1.556	
ENSRNOG00000025581 3.47E-03	Vwa2	0.745	1.899	3.201	-2.391	-2.895	
ENSRNOG00000028844 1.128 3.47E-03	Slc9a5		0.371	-0.425	-1.316	0.536	
ENSRNOG00000012860 3.47E-03	Tmem184c		0.038	0.015	0.246	-0.359	-0.605
ENSRNOG00000004768 3.47E-03	Myf5	-0.242		0.429	1.643	-0.720	-1.379
ENSRNOG00000014791 3.48E-03	Peg3	0.061	-0.083		0.485	-0.377	-0.644
ENSRNOG00000019276 0.102 0.413 3.48E-03	RGD735029	-0.077			-0.124	-0.476	
ENSRNOG00000003809 3.49E-03	Sat1	-0.137		0.957	1.515	-0.760	-1.149
ENSRNOG00000050277 3.50E-03	Uckl1	0.091	-0.167		-0.640	0.297	0.576
ENSRNOG00000002278 3.51E-03	Tec	0.108	0.561	1.621	-0.591	-1.049	
ENSRNOG00000022417 0.179 0.460 3.51E-03	Prickle3		-0.206		-0.115	-0.416	
ENSRNOG00000060329 3.52E-03	Emb	0.053	2.355	5.104	-1.897	-4.051	
ENSRNOG00000009571 3.53E-03	Wipf3	0.405	-0.800		-1.488	0.659	0.969

ENSRNOG00000030597	Ankrd52	-0.148	-0.194	-0.700	
0.102 0.592 3.53E-03					
ENSRNOG00000028063	Tmem38b	-0.091	0.501 0.912	-0.513	-
0.719 3.57E-03					
ENSRNOG00000031090	RT1-CE7	-0.077	0.828 1.353	-0.423	-
0.821 3.60E-03					
ENSRNOG00000017108	Syngr1	-0.012	-0.351	-0.759	
0.488 0.660 3.61E-03					
ENSRNOG00000006997	App	-0.065	0.390 0.879	-0.432	-0.659
3.65E-03					
ENSRNOG00000008157	Syn2	0.037 -0.107	-0.476	0.255 1.198	
3.66E-03					
ENSRNOG000000059142	Dtwd2	-0.016	-0.268	-0.736	0.247
0.646 3.66E-03					
ENSRNOG00000018281	Uqcrfs1	-0.217	-0.361	-0.736	
0.259 0.644 3.67E-03					
ENSRNOG000000056457	Gpd1	0.259 -0.488	-1.984	0.492 1.373	
3.68E-03					
ENSRNOG00000004195	Dtl	0.438 1.464 2.055	-1.824	-2.828	
3.71E-03					
ENSRNOG00000008921	Dyn112	-0.248	-0.236	-0.838	
0.262 0.571 3.76E-03					
ENSRNOG000000049985	Gprasp1	-0.072	0.252 0.682	-0.337	-
0.586 3.78E-03					
ENSRNOG000000024181	Tpsab1	-0.396	-0.326	-0.278	
0.702 1.140 3.80E-03					
ENSRNOG00000010029	Uald2	0.173 -0.380	-1.164	0.400	
0.824 3.80E-03					
ENSRNOG00000018952	Sema3g	-0.020	-0.023	-0.439	
0.110 0.638 3.82E-03					
ENSRNOG00000013018	Eda2r	-0.100	2.077 2.944	-1.768	-1.820
3.82E-03					
ENSRNOG00000011891	Atp6v1b2	-0.112	-0.114	-0.270	
0.116 0.324 3.87E-03					
ENSRNOG000000032297	Msmo1	-0.109	0.187 0.539	-0.269	-0.511
3.87E-03					
ENSRNOG00000001242	Gstt3	0.179 1.089 1.891	-0.857	-1.192	
3.87E-03					
ENSRNOG00000009446	Rxra	0.210 -0.177	-0.781	0.288 0.615	
3.88E-03					
ENSRNOG00000000244	Coil	0.212 -0.265	-0.636	0.378 0.458	
3.88E-03					
ENSRNOG00000019634	Eif4e2	-0.010	0.097 0.219	-0.226	-
0.382 3.88E-03					
ENSRNOG00000012210	Sptlc2	-0.089	0.275 0.828	-0.383	-
0.653 3.88E-03					
ENSRNOG00000012031	St8sia2	0.219 2.054 2.732	-2.439	-3.078	
3.88E-03					
ENSRNOG00000019518	Pde4c	-0.046	-0.474	-0.920	0.478
0.808 3.89E-03					
ENSRNOG00000017077	Snx7	0.015 0.111 0.733	-0.303	-0.656	
3.96E-03					
ENSRNOG000000060750	Rnf111	-0.156	-0.113	-0.294	
0.154 0.445 3.97E-03					

ENSRNOG00000020642 0.440 3.97E-03	Flad1	-0.046	-0.165	-0.509	0.198
ENSRNOG00000009414 3.97E-03	Creld1	0.028	0.442	0.545	-0.337
ENSRNOG00000052802 3.98E-03	Aldoa	0.385	-0.344	-1.436	0.378
ENSRNOG00000019982 3.99E-03	Ethel	0.087	-0.184	-0.656	0.205
ENSRNOG00000023150 4.00E-03	Gpi	0.218	-0.297	-1.393	0.289
ENSRNOG00000008058 4.00E-03	Tmprss5	0.515	0.617	0.974	-0.566
ENSRNOG00000008600 4.01E-03	Sytl1	-0.139	1.409	3.448	-1.116
ENSRNOG00000007600 4.03E-03	Igsf1	-0.060	0.822	1.536	-0.906
ENSRNOG00000037720 4.07E-03	Rita1	0.109	-0.268	-0.885	0.385
ENSRNOG00000033921 0.122 0.616 4.07E-03	Als2cl	-0.206	-0.117	-0.515	
ENSRNOG00000050625 0.752 1.651 4.08E-03	LOC100911217	0.409	-0.377	-1.331	
ENSRNOG00000030880 4.09E-03	Hs6st2	0.303	0.715	1.150	-0.802
ENSRNOG00000048719 0.587 4.14E-03	Dtnbp1	0.097	-0.299	-0.758	0.434
ENSRNOG00000054561 4.16E-03	Isg20	0.014	0.958	1.486	-0.964
ENSRNOG00000010748 4.20E-03	Mtus1	0.011	-0.218	-0.693	0.128
ENSRNOG00000028137 4.21E-03	Mki67	0.064	0.921	1.797	-1.261
ENSRNOG00000059215 0.538 4.25E-03	Pqlc1	-0.207	-0.027	-0.288	0.224
ENSRNOG00000011781 0.545 4.25E-03	Oplah	-0.143	-0.288	-0.755	0.271
ENSRNOG00000022331 0.979 2.060 4.27E-03	Ccdc78	-0.080	-0.741	-1.863	
ENSRNOG00000028822 4.28E-03	Ngfrap1	0.568	0.165	0.586	-0.168
ENSRNOG00000006689 4.28E-03	Chd7	0.077	-0.209	-0.855	0.102
ENSRNOG00000005963 4.28E-03	Rab2a	0.188	-0.148	-0.523	0.235
ENSRNOG00000056637 0.460 4.28E-03	Abhd16a	0.129	-0.234	-0.537	0.309
ENSRNOG00000014230 4.32E-03	Map1a	-0.020	0.762	1.537	-1.376
ENSRNOG00000016190 0.720 4.33E-03	Coq9	-0.223	-0.310	-0.875	0.311
ENSRNOG00000007801 0.471 4.33E-03	R3hdm2	0.191	-0.190	-0.558	0.296
ENSRNOG00000001448 4.33E-03	Hip1	0.138	0.151	0.323	-0.289

ENSRNOG00000033256	LOC691141	-0.064	0.470	1.019	-0.252	-
1.089						
4.33E-03						
ENSRNOG00000020923	Tuft1	-0.026	0.841	1.737	-0.861	-1.214
4.33E-03						
ENSRNOG00000003533	Clcn4	-0.171	-0.246	-1.282	0.120	
0.888						
4.34E-03						
ENSRNOG00000008052	Atp13a2	0.108	-0.237	-0.708	0.269	
0.536						
4.35E-03						
ENSRNOG00000013331	Sdha	-0.266	-0.336	-0.795	0.275	
0.680						
4.36E-03						
ENSRNOG00000002045	Anxa3	-0.188	-0.390	-0.447	0.449	
0.553						
4.37E-03						
ENSRNOG00000020753	Bnip1	0.124	-0.360	-0.726	0.419	0.523
4.37E-03						
ENSRNOG00000018068	Rn60_2_0457.1	-0.122	-0.266	-0.642		
0.334						
0.624						
4.37E-03						
ENSRNOG00000054497	Taf4a	-0.138	-0.053	-0.329	0.118	
0.445						
4.37E-03						
ENSRNOG00000005724	Map3k7	-0.038	0.480	1.072	-0.556	-
0.931						
4.42E-03						
ENSRNOG00000015131	Ube2c	0.202	0.318	1.463	-0.648	-1.801
4.42E-03						
ENSRNOG00000003357	Col3a1	0.556	0.195	0.879	-0.728	-1.312
4.43E-03						
ENSRNOG00000003918	LOC100910173	-0.118	-0.286	-0.445		
0.351						
0.427						
4.45E-03						
ENSRNOG00000006901	Cd320	-0.011	-0.244	-0.403	0.225	
0.456						
4.46E-03						
ENSRNOG000000030355	Mroh1	-0.157	-0.079	-0.346	0.140	
0.435						
4.46E-03						
ENSRNOG00000015999	Cirbp	0.000	0.418	0.677	-0.400	-0.516
4.48E-03						
ENSRNOG00000000435	Ppt2	0.170	-0.261	-0.767	0.362	0.537
4.48E-03						
ENSRNOG00000018564	Nup93	-0.096	0.434	0.832	-0.515	-0.564
4.48E-03						
ENSRNOG000000051838	Atmin	-0.139	-0.299	-0.860	0.279	
0.848						
4.48E-03						
ENSRNOG00000012942	Satb1	0.059	-0.174	-0.860	0.240	0.593
4.48E-03						
ENSRNOG00000003967	Vmp1	0.087	0.367	0.668	-0.330	-0.581
4.48E-03						
ENSRNOG00000016645	Sfmbt1	0.260	0.484	0.870	-0.416	-0.676
4.48E-03						
ENSRNOG00000021137	Kctd15	-0.561	-0.311	-0.938		
0.363						
0.780						
4.49E-03						
ENSRNOG00000027742	Adamts12	-0.980	1.082	2.240	-0.789	-
1.874						
4.49E-03						
ENSRNOG00000009068	Phlda3	-0.227	0.749	1.709	-0.926	-
1.194						
4.53E-03						
ENSRNOG000000057556	Pdzrn3	-0.061	-0.185	-1.024		
0.158						
0.646						
4.55E-03						
ENSRNOG000000061684	Ndufa9	-0.249	-0.297	-0.702		
0.251						
0.623						
4.57E-03						

ENSRNOG00000006420	Rbm38	0.007	-0.258	-0.609	0.323	0.509
4.58E-03						
ENSRNOG00000020417	Gsk3a	-0.025	-0.126	-0.347	0.171	
0.329						
4.58E-03						
ENSRNOG00000024707	Tp73	-0.274	2.839	6.029	-2.186	-4.613
4.58E-03						
ENSRNOG00000031328	Zfp110	0.071	-0.182	-0.531	0.125	
0.464						
4.58E-03						
ENSRNOG00000014336	Mcm5	0.028	0.334	1.224	-0.712	-1.521
4.59E-03						
ENSRNOG00000016896	Rpl3	0.100	0.499	1.292	-0.380	-0.759
4.60E-03						
ENSRNOG00000019598	Vegfa	-0.451	-0.624	-1.065	0.536	
0.932						
4.62E-03						
ENSRNOG00000024212	Papd5	-0.009	-0.157	-0.497	0.192	
0.422						
4.62E-03						
ENSRNOG00000021492	Rbbp4	0.041	0.110	0.379	-0.133	-0.395
4.62E-03						
ENSRNOG00000058375	AABR07054461.1	0.168	-0.904	-1.580		
1.151						
1.803						
4.63E-03						
ENSRNOG00000009928	Bckdhb	-0.125	-0.223	-0.753		
0.229						
0.593						
4.63E-03						
ENSRNOG00000011533	Irx3	1.321	0.524	1.640	-0.046	-1.578
4.63E-03						
ENSRNOG00000016647	Pla2g2c	-0.015	-0.507	-1.843		
0.623						
1.725						
4.65E-03						
ENSRNOG00000039860	AC126960.1	0.228	0.901	2.907	-1.175	-3.410
4.68E-03						
ENSRNOG00000003815	Slc25a11	-0.104	-0.211	-0.620		
0.266						
0.534						
4.70E-03						
ENSRNOG00000006304	Mdm2	0.144	0.318	0.551	-0.295	-0.547
4.70E-03						
ENSRNOG00000020546	Lipe	-0.412	-0.455	-0.468	0.536	
0.919						
4.73E-03						
ENSRNOG00000018343	Isca1	0.111	-0.274	-0.647	0.187	0.477
4.74E-03						
ENSRNOG00000005504	Pkp4	-0.139	0.352	0.997	-0.378	-0.706
4.81E-03						
ENSRNOG00000001211	RGD1303003	-0.175	-0.337	-0.851		
0.287						
0.716						
4.81E-03						
ENSRNOG00000042480	Hoxd8	-2.613	-0.346	-0.752	0.356	
1.031						
4.86E-03						
ENSRNOG00000055572	Idh3g	-0.241	-0.294	-0.748	0.252	
0.628						
4.86E-03						
ENSRNOG00000004137	Ubt2	0.268	0.177	0.522	-0.261	-0.471
4.86E-03						
ENSRNOG00000010737	Mbnl2	-0.101	-0.234	-0.515	0.124	
0.453						
4.86E-03						
ENSRNOG00000013714	Snrpd1	0.014	0.070	0.413	-0.116	-0.456
4.99E-03						
ENSRNOG00000041744	AABR07065531.1	0.161	-0.211	1.174	-0.587	
-2.122						
4.99E-03						
ENSRNOG00000006961	Snrpb	-0.047	-0.204	-0.487	0.163	
0.364						
5.00E-03						

ENSRNOG00000004555	Sec1414	-0.303	-0.339	-1.143	
0.130 1.572 5.01E-03					
ENSRNOG00000005711	Ptprd	0.070 0.884 1.114	-0.657	-0.853	
5.04E-03					
ENSRNOG00000005618	Fmc1	0.004 -0.237	-0.771	0.275 0.615	
5.08E-03					
ENSRNOG00000005802	Usp24	-0.106	-0.229	-0.778	0.210
0.608 5.09E-03					
ENSRNOG000000061316	AABR07000121.1	0.033 -0.154	-0.520		
0.409 1.033 5.13E-03					
ENSRNOG00000011057	Mfn1	-0.169	-0.317	-0.576	0.162
0.481 5.13E-03					
ENSRNOG000000061100	Tmem150a	0.074 -0.071	-0.525	0.262	
0.474 5.15E-03					
ENSRNOG00000000955	Lnx2	-0.167	0.370 0.839	-0.459	-0.718
5.15E-03					
ENSRNOG000000036794	Asb16	0.110 -0.151	-0.839	0.074 0.537	
5.26E-03					
ENSRNOG000000015080	Wdfy1	0.210 0.305 0.423	-0.451	-0.477	
5.29E-03					
ENSRNOG00000010728	Stradb	0.057 -0.390	-0.787	0.179	
0.470 5.30E-03					
ENSRNOG000000023202	Usp15	0.133 -0.341	-0.781	0.166 0.498	
5.31E-03					
ENSRNOG00000019743	Tmem63b	-0.066	-0.047	-0.387	
0.082 0.464 5.33E-03					
ENSRNOG000000025076	AI314180	0.069 -0.149	-0.651	0.146	
0.593 5.38E-03					
ENSRNOG000000006336	Fyco1	-0.067	-0.105	-0.565	0.049
0.477 5.39E-03					
ENSRNOG000000061582	Scamp1	0.018 0.102 0.206	-0.204	-0.296	
5.41E-03					
ENSRNOG000000030639	Usp13	-0.213	-0.052	-0.479	-0.007
0.554 5.43E-03					
ENSRNOG00000016119	Fzd7	-0.123	-0.401	-1.091	0.315
0.802 5.43E-03					
ENSRNOG000000033496	Igdcc4	-0.118	0.387 0.656	-0.343	-
0.631 5.43E-03					
ENSRNOG000000031766	Mt-cytb	-0.396	-0.323	-0.704	
0.258 0.685 5.47E-03					
ENSRNOG00000013123	Scube2	0.325 0.031 0.414	-0.522	-1.041	
5.48E-03					
ENSRNOG00000011202	Chrna4	0.884 1.502 3.172	-2.057	-3.216	
5.50E-03					
ENSRNOG00000005874	Tle2	0.129 -0.032	-0.744	0.254 0.629	
5.55E-03					
ENSRNOG000000045605	Uxs1	0.099 -0.006	0.137 -0.135	-0.316	
5.55E-03					
ENSRNOG00000019090	Cct3	-0.075	0.086 0.500	-0.102	-0.425
5.58E-03					
ENSRNOG00000010966	Itgb1	-0.061	0.010 0.478	-0.201	-0.476
5.58E-03					
ENSRNOG00000018317	Aak1	0.072 0.573 0.721	-0.704	-0.708	
5.58E-03					

ENSRNOG00000053679	AABR07060862.1	-0.213	1.041	2.108	-1.669	
-1.800	5.58E-03					
ENSRNOG00000058136	Vomlr90	-0.169	-0.550	-0.905		
0.623	0.866	5.59E-03				
ENSRNOG00000011794	Tcea3	0.079	-0.304	-0.918	0.375	0.653
5.59E-03						
ENSRNOG00000056550	Epb4114b	0.250	0.422	1.024	-0.636	-1.095
5.59E-03						
ENSRNOG00000009334	Knstrn	0.678	1.164	2.303	-1.520	-2.115
5.59E-03						
ENSRNOG00000027278	Pramef8	0.120	-0.182	-0.708	0.195	
0.563	5.60E-03					
ENSRNOG00000018462	Rabep2	0.504	-0.289	-1.255	0.318	
0.913	5.60E-03					
ENSRNOG00000018662	Amacr	-0.089	-0.206	-0.481	0.183	
0.392	5.62E-03					
ENSRNOG00000043076	AABR07025328.1	-0.247	0.375	0.805	-0.318	
-0.632	5.62E-03					
ENSRNOG00000055450	Ckmt2	-0.794	-0.622	-1.095	0.502	
1.196	5.65E-03					
ENSRNOG00000017032	Atp5a1	-0.159	-0.308	-0.732		
0.273	0.607	5.65E-03				
ENSRNOG00000019382	Zbtb47	0.009	-0.116	-0.495	0.184	
0.400	5.65E-03					
ENSRNOG00000014852	Fbxo30	-0.154	0.946	1.286	-0.917	-
0.927	5.65E-03					
ENSRNOG00000013309	Pik3ap1	-0.205	-0.312	-1.171		
0.268	0.839	5.66E-03				
ENSRNOG00000021125	Prdx5	-0.224	-0.245	-0.637	0.289	
0.559	5.70E-03					
ENSRNOG00000007687	Sema7a	0.198	-0.891	-2.518	0.681	
1.433	5.72E-03					
ENSRNOG00000018225	Tp53inp2	-0.080	-0.383	-0.938		
0.201	0.586	5.76E-03				
ENSRNOG00000018082	Slc26a2	-0.250	0.728	1.587	-0.958	-
1.253	5.82E-03					
ENSRNOG00000001989	Alcam	0.030	0.506	1.038	-0.429	-0.904
5.83E-03						
ENSRNOG00000025302	Cdca2	0.553	0.443	1.647	-0.886	-2.400
5.83E-03						
ENSRNOG00000047124	Atp2a1	0.528	-0.313	-1.373	0.316	
0.928	5.86E-03					
ENSRNOG00000017095	LOC679881	-0.233	-0.312	-0.805		
0.152	0.592	5.86E-03				
ENSRNOG00000043426	Ccbl2	0.020	-0.202	-0.442	0.231	0.624
5.88E-03						
ENSRNOG00000060350	Iqsec1	-0.265	-0.283	-0.658		
0.426	0.675	5.90E-03				
ENSRNOG00000013555	Ankrd55	0.527	0.531	1.534	-0.856	-1.613
5.90E-03						
ENSRNOG00000021260	Prnd	0.053	1.804	3.206	-2.247	-3.325
5.90E-03						
ENSRNOG00000016459	Eif3j	0.137	-0.332	-0.623	0.290	0.496
5.92E-03						

ENSRNOG00000001070 5.93E-03	Cdk2ap1	0.214	0.106	0.367	-0.107	-0.484
ENSRNOG00000009951 5.95E-03	Aif1l	0.061	0.473	1.228	-0.229	-0.959
ENSRNOG00000019522 0.544 5.96E-03	Narfl	-0.268		-0.132	-0.613	0.155
ENSRNOG00000015866 0.480 5.96E-03	Hint2	-0.013		-0.168	-0.578	0.269
ENSRNOG00000009555 5.97E-03	Lrriq3	0.831	1.020	0.982	-1.580	-1.662
ENSRNOG00000027891 0.333 0.917 5.99E-03	Dhrs11	-0.581		-0.239	-0.888	
ENSRNOG00000020881 6.03E-03	Frmd8	-0.025	0.307	0.651	-0.230	-0.457
ENSRNOG00000029911 6.03E-03	Cilp	-0.834	1.613	2.631	-1.678	-1.783
ENSRNOG00000060899 0.695 6.05E-03	Tsc22d3	0.026	-0.478		-1.258	0.360
ENSRNOG00000009761 6.05E-03	Tmod1	0.353	0.312	0.371	-0.260	-0.605
ENSRNOG00000028649 6.05E-03	Tox3	0.343	0.597	0.755	-0.686	-1.438
ENSRNOG00000007700 6.06E-03	Inhbc	0.280	-0.251		-0.777	0.527 0.999
ENSRNOG00000003746 2.847 6.07E-03	Gjb1	-1.171		-1.506	-1.879	1.148
ENSRNOG00000059827 1.276 6.07E-03	LOC691995	-0.247		0.748	1.957	-0.434 -
ENSRNOG00000023208 0.694 6.10E-03	RGD1309821	0.119	-0.189		-0.970	0.198
ENSRNOG00000007688 6.14E-03	Sms	0.047	0.130	0.459	-0.214	-0.624
ENSRNOG00000011014 6.16E-03	Copg2	0.022	0.183	0.400	-0.246	-0.418
ENSRNOG00000017671 6.21E-03	Rasa3	0.082	0.421	0.882	-0.412	-0.589
ENSRNOG00000021130 6.21E-03	Abcc8	0.186	-0.002		-0.987	0.220 0.774
ENSRNOG00000042482 0.390 6.21E-03	Tatdn2	0.038	-0.240		-0.587	0.156
ENSRNOG00000001254 6.21E-03	Col6a2	0.190	0.153	0.693	-0.321	-0.744
ENSRNOG00000013917 1.234 6.22E-03	Igsf10	-0.787		0.344	1.695	-0.126 -
ENSRNOG00000037211 6.23E-03	Kif14	0.240	0.869	2.367	-1.083	-2.748
ENSRNOG00000026974 3.383 6.23E-03	Dbnidd1	-0.579		1.392	3.352	-2.031 -
ENSRNOG00000000940 0.819 6.27E-03	Flt1	-0.147		-0.357	-0.720	0.308
ENSRNOG00000021102 6.27E-03	Scn1b	0.235	-0.172		-0.813	0.277 0.585
ENSRNOG00000007290 0.557 6.29E-03	Atp1a2	0.228	-0.273		-0.854	0.160

ENSRNOG00000007364	Rab15	-0.300	0.497	2.609	-1.047	-2.595
6.33E-03						
ENSRNOG00000000442	Notch4	-0.208	-0.105	-0.478		
0.163 0.641 6.37E-03						
ENSRNOG00000019363	Fam212a	0.338	1.039	1.526	-0.469	-2.041
6.37E-03						
ENSRNOG000000054508	Foxp2	0.023	-0.184	-0.387	0.238	0.735
6.41E-03						
ENSRNOG00000011507	Pick1	0.086	-0.198	-0.766	0.221	0.477
6.41E-03						
ENSRNOG000000037148	Adap2	-0.168	0.843	1.924	-0.847	-1.555
6.43E-03						
ENSRNOG000000027326	Tada2b	-0.043	-0.097	-0.429		
0.109 0.355 6.43E-03						
ENSRNOG000000042932	Ttc27	0.771	0.365	0.617	-0.462	-0.791
6.43E-03						
ENSRNOG000000005333	Azin1	0.090	0.201	0.457	-0.282	-0.552
6.59E-03						
ENSRNOG000000010676	Smarce1	0.024	0.162	0.326	-0.194	-0.310
6.69E-03						
ENSRNOG000000019203	Eya2	-0.474	-0.023	0.026	0.520	0.736
6.69E-03						
ENSRNOG000000032134	Uqcrc1	-0.323	-0.283	-0.720		
0.246 0.643 6.69E-03						
ENSRNOG000000050742	Dnmbp	-0.012	-0.155	-0.529	0.177	
0.562 6.69E-03						
ENSRNOG000000001440	Mdh2	-0.139	-0.270	-0.861	0.243	
0.660 6.69E-03						
ENSRNOG000000016419	Pdlim5	-0.006	-0.199	-0.458		
0.146 0.507 6.69E-03						
ENSRNOG000000012017	Otulin	-0.147	1.074	1.777	-0.984	-
1.152 6.69E-03						
ENSRNOG000000029941	Grina	0.176	0.383	0.488	-0.348	-0.483
6.76E-03						
ENSRNOG000000030328	Fam98a	-0.012	-0.158	-0.382		
0.099 0.330 6.77E-03						
ENSRNOG000000014007	Gfod1	-0.253	0.028	-0.660	0.135	0.771
6.79E-03						
ENSRNOG000000010258	Vhl	0.038	0.093	0.445	-0.251	-0.409
6.85E-03						
ENSRNOG000000032946	Pdzd7	0.172	-0.552	-2.067	0.536	1.483
6.86E-03						
ENSRNOG000000053735	Hebp2	-0.363	1.323	2.406	-0.929	-1.563
6.87E-03						
ENSRNOG000000021144	Cebpg	0.090	-0.055	-0.393	0.093	0.402
6.88E-03						
ENSRNOG000000018515	Det1	0.195	-0.404	-1.036	0.373	0.708
6.90E-03						
ENSRNOG000000016706	Fanca	0.211	0.308	-1.223	0.980	2.384 6.90E-03
ENSRNOG000000049484	Atp9a	0.001	-0.011	-0.613	-0.002	
0.424 6.97E-03						
ENSRNOG000000014665	Dhdds	-0.328	0.540	0.937	-0.396	-0.561
6.97E-03						

ENSRNOG00000003855	Dnaja3	-0.120	-0.173	-0.443		
0.172 0.397 6.97E-03						
ENSRNOG000000046984	St6galnac6	0.231	-0.111	-0.560	0.148	
0.445 6.97E-03						
ENSRNOG000000005929	Them6	0.116	-0.388	-1.005	0.643	0.737
7.01E-03						
ENSRNOG000000015117	Lrrc39	-0.145	-0.426	-0.826		
0.290 0.635 7.01E-03						
ENSRNOG000000020865	Ano1	-0.678	0.401	1.129	-0.373	-0.841
7.01E-03						
ENSRNOG000000012318	Aspm	0.186	0.779	1.418	-0.834	-1.403
7.01E-03						
ENSRNOG000000004566	Arhgef15	-0.172	-0.271	-0.541		
0.401 0.675 7.05E-03						
ENSRNOG000000020751	Rdm1	0.126	-0.075	-0.265	0.199	0.422
7.08E-03						
ENSRNOG000000007151	Cdk14	-0.062	0.108	0.936	-0.308	-0.737
7.11E-03						
ENSRNOG000000010092	Magix	0.202	-0.225	-0.881	0.260	0.598
7.17E-03						
ENSRNOG0000000055756	Bcap31	0.093	0.290	0.583	-0.289	-0.558
7.17E-03						
ENSRNOG000000011435	Osbp110	0.113	0.093	0.845	-0.510	-1.025
7.17E-03						
ENSRNOG000000018975	Atg9a	0.191	-0.192	-0.747	0.124	0.473
7.19E-03						
ENSRNOG000000015654	Ghr	0.045	-0.246	-0.645	0.315	0.514
7.20E-03						
ENSRNOG000000025806	Prr3	0.046	0.232	0.386	-0.366	-0.403
7.23E-03						
ENSRNOG000000011632	Cct5	0.077	0.052	0.247	-0.081	-0.294
7.24E-03						
ENSRNOG000000007254	Ttc9	0.304	0.395	0.940	-0.922	-0.880
7.24E-03						
ENSRNOG000000010598	Hs3st1	-0.017	-0.247	-0.623		
0.583 0.865 7.26E-03						
ENSRNOG0000000055761	Zfp574	-0.050	-0.186	-0.620		
0.309 0.478 7.26E-03						
ENSRNOG000000025338	Msi2	0.008	-0.178	-0.486	0.054	0.336
7.26E-03						
ENSRNOG000000043233	LOC100912391	0.188	0.152	0.062	-0.228	-
0.409 7.26E-03						
ENSRNOG000000026212	Micall1	-0.101	0.256	0.473	-0.273	-
0.433 7.26E-03						
ENSRNOG000000011912	Tmem38a	0.314	-0.183	-0.782	0.191	
0.513 7.30E-03						
ENSRNOG000000016470	Ndufa10	-0.260	-0.247	-0.580		
0.182 0.542 7.35E-03						
ENSRNOG000000037850	mars.02	0.071	-0.209	-0.393	0.285	
0.377 7.38E-03						
ENSRNOG000000019384	Med11	0.071	0.231	0.676	-0.308	-0.568
7.45E-03						
ENSRNOG000000021031	Grn	0.118	0.203	0.625	-0.135	-0.461
7.48E-03						

ENSRNOG00000000812	RGD1302996	-0.084	-0.279	-0.826	
0.304 0.680 7.57E-03					
ENSRNOG00000027183	Zfyve9	0.051	-0.192	-0.568	0.075
0.451 7.58E-03					
ENSRNOG00000007040	Timm17a	-0.051	-0.322	-0.779	
0.276 0.531 7.59E-03					
ENSRNOG00000009781	Dync1i2	-0.012	0.042	0.187	-0.139
0.254 7.59E-03					-
ENSRNOG00000001762	Pcyt1a	0.165	-0.095	-0.415	0.112
0.416 7.66E-03					
ENSRNOG00000015641	Exoc3l1	-0.064	-0.221	-0.690	
0.384 0.742 7.66E-03					
ENSRNOG00000008063	Hibadh	-0.161	-0.130	-0.232	
0.158 0.421 7.66E-03					
ENSRNOG00000010298	Xbp1	0.171	-0.142	-0.266	0.217 0.312
7.66E-03					
ENSRNOG00000003736	Col5a2	0.080	0.100	0.721	-0.394
7.66E-03					-0.795
ENSRNOG00000016483	Myo16	-0.376	0.781	1.775	-1.427
7.69E-03					-2.268
ENSRNOG00000011944	Snx10	-0.016	1.080	1.906	-0.975
7.73E-03					-1.312
ENSRNOG00000005668	Ndufa8	-0.135	-0.325	-0.741	
0.290 0.600 7.81E-03					
ENSRNOG000000060464	Plxna3	-0.211	0.566	0.904	-0.376
0.728 7.81E-03					-
ENSRNOG00000016021	Lims2	-0.136	-0.299	-0.418	0.439
0.681 7.83E-03					
ENSRNOG00000008289	Slc25a3	-0.260	-0.305	-0.675	
0.235 0.600 7.85E-03					
ENSRNOG00000013589	Cxcl12	-0.127	-0.246	-0.596	
0.279 0.724 7.86E-03					
ENSRNOG00000020860	Tdrkh	-0.198	0.620	-0.013	0.674 1.187
7.87E-03					
ENSRNOG00000017836	Rrp36	0.268	-0.281	-0.580	0.298 0.478
7.91E-03					
ENSRNOG00000006375	Vdac1	-0.126	-0.310	-0.638	0.270
0.532 7.94E-03					
ENSRNOG00000014076	Mbnl1	0.079	-0.036	-0.695	0.017 0.584
7.96E-03					
ENSRNOG000000053428	Ccpg1	-0.041	-0.250	-0.471	0.229
0.467 7.98E-03					
ENSRNOG00000017564	Mib2	-0.100	-0.063	-0.337	0.213
0.379 7.98E-03					
ENSRNOG000000056060	AC094647.2	-0.524	2.005	3.615	-1.150
3.079 8.02E-03					-
ENSRNOG00000007398	Zfp691	0.114	-0.372	-0.761	0.344
0.492 8.05E-03					
ENSRNOG00000021129	RGD1308428	-0.224	-0.132	-0.353	
0.119 0.387 8.05E-03					
ENSRNOG00000026548	Dhrs7c	0.475	-0.523	-1.563	0.477
1.010 8.08E-03					
ENSRNOG00000015517	Zfp444	-0.179	-0.205	-0.457	
0.316 0.369 8.08E-03					

ENSRNOG00000024085 8.08E-03	Tmem237	0.000	0.138	0.226	-0.213	-0.362
ENSRNOG00000039976 8.15E-03	Ptk7	0.188	0.204	0.724	-0.759	-1.088
ENSRNOG00000020696 0.495 8.17E-03	Pmvk	-0.096		-0.215	-0.465	0.392
ENSRNOG00000012710 0.314 8.21E-03	Ubac2	-0.062		-0.116	-0.269	0.164
ENSRNOG00000006735 8.21E-03	Cdkn2b	0.035	1.957	2.930	-1.569	-2.024
ENSRNOG00000018384 8.23E-03	Adam12	0.199	0.342	1.075	-0.969	-1.665
ENSRNOG00000020573 0.597 8.25E-03	Efna1	-0.177		-0.084	-0.414	0.253
ENSRNOG00000007713 8.29E-03	Tmcc3	0.207	-0.322		-0.988	0.234 0.598
ENSRNOG00000018119 0.465 8.29E-03	Dhx32	-0.347		-0.112	-0.327	0.195
ENSRNOG00000021133 0.290 8.29E-03	Lsm14a	0.065	-0.184		-0.352	0.171
ENSRNOG00000005258 8.29E-03	Myef2	0.097	-0.028		0.168 -0.356	-0.364
ENSRNOG00000058898 8.29E-03	Nedd4	0.144	0.336	0.420	-0.342	-0.385
ENSRNOG00000046472 8.29E-03	Arfgap3	0.055	0.424	0.884	-0.330	-0.557
ENSRNOG00000034150 8.30E-03	Ft1111	0.214	0.335	1.607	-0.305	-1.458
ENSRNOG00000055446 8.35E-03	Amfr	0.166	-0.114		-0.495	0.135 0.349
ENSRNOG00000008785 8.35E-03	Klf5	0.126	0.529	1.282	-0.687	-1.061
ENSRNOG00000002214 8.40E-03	Klhl8	0.329	0.519	0.786	-0.421	-0.803
ENSRNOG00000003720 8.41E-03	Prrx1	0.135	0.241	0.283	-0.317	-0.432
ENSRNOG00000033979 0.276 0.432 8.42E-03	AABR07047140.1	0.221	-0.202			-0.458
ENSRNOG00000033402 8.43E-03	LOC501110	0.167	0.100	0.358	-0.280	-0.529
ENSRNOG00000033736 1.057 8.43E-03	Diras3	0.903	-0.357		0.740 -0.244	-
ENSRNOG00000046211 8.44E-03	Fbxw4	0.075	-0.224		-0.399	0.353 0.358
ENSRNOG00000046502 0.344 8.48E-03	Lonp1	-0.161		-0.101	-0.348	0.126
ENSRNOG00000019474 1.096 8.54E-03	Rsph9	-0.291		-0.242	-0.864	0.401
ENSRNOG00000013503 8.54E-03	Cdh24	0.411	1.085	1.355	-0.919	-1.558
ENSRNOG00000039551 8.55E-03	Rdh14	0.164	-0.326		-0.723	0.250 0.435
ENSRNOG00000004604 8.55E-03	Slc38a10	0.132	0.216	0.412	-0.269	-0.376

ENSRNOG00000050729	AABR07054265.1	0.282	0.084	0.221	-0.455	-
0.813 8.57E-03						
ENSRNOG00000009484	Ptcd3	-0.090			-0.227	-0.424 0.123
0.416 8.57E-03						
ENSRNOG00000009994	Dlat	-0.223			-0.357	-0.839 0.156
0.585 8.58E-03						
ENSRNOG00000019057	Prkcq	0.268	-0.145		-0.813	0.259 0.564
8.58E-03						
ENSRNOG00000055391	Eif4ebp2	0.106	-0.077		-0.455	0.177
0.495 8.61E-03						
ENSRNOG00000019962	Sars2	-0.126			-0.116	-0.711 0.205
0.500 8.65E-03						
ENSRNOG00000059166	Ldb3	-0.117			-0.105	-0.670 0.099
0.533 8.69E-03						
ENSRNOG00000012831	Slc25a26	-0.030			-0.294	-0.715
0.176 0.478 8.72E-03						
ENSRNOG00000049437	Gpc1	0.401	0.119	0.164	-0.223	-0.418
8.82E-03						
ENSRNOG00000018102	Coa5	-0.114			-0.195	-0.579 0.033
0.505 8.83E-03						
ENSRNOG00000007427	Entpd6	0.108	-0.191		-0.853	0.260
0.606 8.85E-03						
ENSRNOG00000008917	Ehbp1	-0.072			-0.119	-0.517 0.196
0.435 8.85E-03						
ENSRNOG00000010941	Tifa	0.301	0.760	1.232	-0.567	-0.974
8.85E-03						
ENSRNOG00000005679	Fap	0.346	0.280	0.967	-0.551	-0.826
8.86E-03						
ENSRNOG00000019730	Inpp1	0.064	0.331	0.499	-0.314	-0.510
8.89E-03						
ENSRNOG00000057352	AABR07054593.1	-0.013			0.339	0.741 -0.230
-0.700 8.89E-03						
ENSRNOG00000016368	Ppp1r14c	-0.522			3.228	4.893 -2.876 -
3.664 8.90E-03						
ENSRNOG00000007964	Tp53inp1	-0.148			0.982	1.228 -0.846 -
0.942 8.91E-03						
ENSRNOG00000006224	Klhl31	0.126	-0.385		-1.325	0.270
0.799 9.02E-03						
ENSRNOG00000010633	Acs11	-0.607			-0.382	-0.630 0.303
0.788 9.02E-03						
ENSRNOG00000047565	LOC100911186	-0.172			-0.152	-0.599
0.361 0.746 9.02E-03						
ENSRNOG00000001288	Gpr146	-0.027			0.019	-0.358 0.234
0.723 9.02E-03						
ENSRNOG00000033883	Stard8	-0.023			0.112	0.324 -0.242 -
0.447 9.02E-03						
ENSRNOG00000012794	Grhpr	0.328	-0.364		-1.254	0.373 0.808
9.04E-03						
ENSRNOG00000014064	Ctsh	0.372	0.147	0.627	-0.350	-0.647
9.05E-03						
ENSRNOG00000018951	Col4a5	0.146	0.036	0.316	-0.278	-0.605
9.09E-03						
ENSRNOG00000015217	Ltv1	0.000	0.085	0.395	-0.068	-0.368
9.12E-03						

ENSRNOG00000004430	Cep131	0.096	-0.100	-0.584	0.203	
0.536	9.12E-03					
ENSRNOG00000001580	Hoxd9	-3.201	-0.247	-0.654	0.515	
1.213	9.14E-03					
ENSRNOG00000019039	Inpp5e	-0.095	-0.203	-0.425		
0.184	0.329	9.17E-03				
ENSRNOG000000056069	Kif11	0.088	0.750	1.914	-1.080	-1.882
9.20E-03						
ENSRNOG00000001682	Ttc3	0.054	0.075	0.371	-0.181	-0.444
9.23E-03						
ENSRNOG000000013949	Idh2	-0.654	-0.190	-0.532	0.321	
0.801	9.25E-03					
ENSRNOG000000042449	LOC100362023	-0.013	0.339	0.495	-0.352	
-0.356	9.28E-03					
ENSRNOG000000026061	RGD1566226	-0.300	2.893	4.578	-2.629	-
4.029	9.33E-03					
ENSRNOG000000011222	Dynl11	0.493	0.312	0.928	-0.173	-0.793
9.35E-03						
ENSRNOG000000059834	Cib2	0.945	-0.607	-1.804	0.585	1.137
9.36E-03						
ENSRNOG000000033765	Eif1	0.203	-0.213	-0.482	0.298	0.442
9.36E-03						
ENSRNOG000000024437	Blcap	0.053	-0.030	-0.504	0.074	0.414
9.36E-03						
ENSRNOG000000019620	Pmf1	0.194	0.298	0.698	-0.189	-0.826
9.36E-03						
ENSRNOG000000000387	Slc25a16	-0.106	0.215	0.672	-0.326	-
0.521	9.39E-03					
ENSRNOG000000019525	Hspa9	-0.237	-0.286	-0.536	0.167	
0.514	9.39E-03					
ENSRNOG000000003278	Map3k14	0.233	0.921	1.232	-0.548	-0.833
9.41E-03						
ENSRNOG000000033261	Fam107a	-0.225	-0.292	-0.654		
0.587	0.987	9.41E-03				
ENSRNOG000000000979	Bri3bp	-0.049	0.409	0.509	-0.550	-
0.720	9.41E-03					
ENSRNOG000000022523	Fkbp5	0.159	-0.243	-0.781	0.294	0.930
9.49E-03						
ENSRNOG000000018454	Apoe	0.244	0.569	1.550	-0.342	-1.056
9.55E-03						
ENSRNOG000000008933	Plbd1	-0.081	-0.288	-0.489	0.181	
0.373	9.55E-03					
ENSRNOG000000010512	Yipf1	-0.030	0.283	0.503	-0.151	-0.336
9.59E-03						
ENSRNOG000000028460	Lrrc8e	1.104	0.111	0.827	-2.436	-1.731
9.63E-03						
ENSRNOG000000008897	Gga1	0.027	-0.037	-0.351	0.112	0.348
9.68E-03						
ENSRNOG000000032048	Zfp462	0.309	-0.418	-0.800	0.345	
0.740	9.70E-03					
ENSRNOG000000023851	Igsf3	-0.145	0.144	0.691	-0.477	-0.744
9.70E-03						
ENSRNOG000000047741	E2f2	0.312	0.272	0.482	-0.549	-0.887
9.70E-03						

ENSRNOG00000052128	Clec2e	0.716	0.716	2.693	-0.954	-2.384
9.70E-03						
ENSRNOG00000037137	Svip	0.101	-0.322	-0.754	0.270	0.487
9.78E-03						
ENSRNOG00000003884	Acmsd	-2.216	-0.319	-1.812	1.338	
1.912 9.79E-03						
ENSRNOG00000017084	Hsd11b2	-0.524	1.624	3.188	-1.448	-
2.224 9.84E-03						
ENSRNOG00000001455	Kif13a	-0.168	-0.036	-0.454		
0.065 0.435 9.85E-03						
ENSRNOG00000020284	Prkar2a	0.115	-0.274	-0.803	0.182	
0.515 9.85E-03						
ENSRNOG000000040350	Mir675	0.264	0.881	1.185	-0.519	-1.028
9.90E-03						
ENSRNOG000000018651	Agtppb1	0.435	-0.300	-1.046	0.284	
0.703 9.91E-03						
ENSRNOG000000010697	Hadh	-0.506	-0.306	-0.575	0.323	
0.731 9.92E-03						
ENSRNOG000000004449	E2f6	-0.123	-0.261	-0.605	0.220	
0.489 9.92E-03						
ENSRNOG000000017166	Mycbp	-0.001	0.148	0.315	-0.224	-0.412
9.92E-03						
ENSRNOG000000047656	Gaa	0.052	-0.003	-0.407	0.079	0.443
9.93E-03						
ENSRNOG000000026519	AABR07044711.1	0.165	-0.309	-1.433		
0.226 0.832 9.93E-03						
ENSRNOG000000019843	St3gal3	0.234	-0.092	-0.523	0.245	
0.450 9.93E-03						
ENSRNOG000000039454	Pcdhgb7	-0.443	-0.212	-0.336		
0.672 0.879 9.94E-03						
ENSRNOG000000013514	Maf1	0.133	-0.176	-0.450	0.249	0.360
9.94E-03						
ENSRNOG000000008829	Sorbs3	-0.242	-0.207	-0.421		
0.239 0.619 9.96E-03						
ENSRNOG000000012262	Depdc7	-0.184	0.517	1.421	-0.718	-
1.169 9.96E-03						
ENSRNOG000000055111	AABR07000658.1	0.243	0.421	1.627	-1.039	-
2.254 9.96E-03						
ENSRNOG000000040108	Cd36	-0.851	-0.618	-0.447	0.613	
1.120 9.97E-03						
ENSRNOG000000017513	Fam73b	-0.270	-0.304	-0.766		
0.338 0.631 9.97E-03						
ENSRNOG000000018425	Dym	0.379	-0.146	-0.756	0.201	0.537
9.97E-03						
ENSRNOG000000007111	Nrd1	0.190	-0.133	-0.453	0.105	0.351
9.97E-03						
ENSRNOG000000020713	Osbp15	-0.056	0.171	0.547	-0.332	-
0.449 9.97E-03						
ENSRNOG000000033844	LOC100912195	0.188	0.981	1.907	-0.842	-
1.307 9.97E-03						
ENSRNOG000000039658	G4	-0.136	-0.234	-0.391	0.274	
0.380 9.98E-03						
ENSRNOG000000008103	Mdh1	-0.542	-0.453	-0.800	0.406	
0.933 1.00E-02						

ENSRNOG00000019674	Tmem180	0.077	-0.023	-0.391	0.216	
0.479		1.00E-02				
ENSRNOG00000021732	Hsf1	0.057	-0.147	-0.383	0.209	0.346
1.00E-02						
ENSRNOG00000020837	Cd300lg	-0.205	-1.027	-1.400		
1.141		1.890	1.00E-02			
ENSRNOG00000057139	Myoz3	0.002	-0.335	-1.229	0.263	0.819
1.00E-02						
ENSRNOG00000009191	Ccm21	-0.290	-0.169	-0.521	0.405	
0.680		1.00E-02				
ENSRNOG00000057040	Spns2	-0.052	-0.158	-0.580	0.191	
0.674		1.00E-02				
ENSRNOG00000010830	Slc25a4	-0.039	-0.343	-0.833		
0.261		0.567	1.00E-02			
ENSRNOG00000030579	Zfp853	0.581	0.739	0.888	-0.870	-1.116
1.00E-02						
ENSRNOG00000028082	Tal2	-0.170	1.884	3.203	-2.552	-2.533
1.00E-02						
ENSRNOG00000003018	Olfml2b	0.036	0.030	0.794	-0.188	-0.851
1.00E-02						
ENSRNOG00000031979	Mt-atp6	-0.436	-0.344	-0.648		
0.295		0.682	1.01E-02			
ENSRNOG00000019249	Ap3b2	0.451	0.841	1.442	-0.616	-2.502
1.01E-02						
ENSRNOG00000025890	Opa3	-0.019	-0.124	-0.618	0.107	
0.425		1.03E-02				
ENSRNOG00000022189	Htatif2	-0.293	0.650	1.362	-0.618	-
0.856		1.03E-02				
ENSRNOG00000046005	Scd2	-0.206	1.079	1.412	-0.863	-1.133
1.03E-02						
ENSRNOG00000037659	Mto1	-0.101	-0.391	-0.509	0.152	
0.389		1.03E-02				
ENSRNOG00000020087	Zfp90	0.023	0.381	0.854	-0.495	-0.915
1.04E-02						
ENSRNOG00000027264	Dagla	0.079	-0.213	-0.941	0.196	0.722
1.04E-02						
ENSRNOG00000023841	Cd99l2	0.303	0.599	0.830	-0.633	-1.168
1.04E-02						
ENSRNOG00000010099	Asb8	0.088	-0.131	-0.454	0.097	0.349
1.04E-02						
ENSRNOG00000009845	Acadm	-0.384	-0.485	-0.702	0.422	
0.822		1.04E-02				
ENSRNOG00000019590	Smg5	-0.007	-0.018	-0.227	0.037	
0.277		1.04E-02				
ENSRNOG00000005574	Adamts8	-0.137	-0.200	0.654	-0.986	
-1.621		1.04E-02				
ENSRNOG00000021789	RGD1565323	0.618	-0.718	-2.231	0.293	
1.478		1.05E-02				
ENSRNOG00000009373	AABR07069599.1	0.251	-0.310	-1.120		
0.299		0.701	1.05E-02			
ENSRNOG00000025742	Lmnb2	-0.007	0.958	1.714	-1.185	-1.546
1.05E-02						
ENSRNOG00000045665	Amigo1	-0.093	-0.088	-0.380		
0.084		0.461	1.05E-02			

ENSRNOG00000000780	Ppplr11	0.062	0.237	0.405	-0.151	-0.289
1.05E-02						
ENSRNOG00000003661	Hn1	0.335	0.320	0.349	-0.309	-0.511
1.05E-02						
ENSRNOG000000047712	Dcx	0.348	0.533	0.982	-1.096	-1.673
1.05E-02						
ENSRNOG000000022710	Prrg4	-0.537	2.213	3.655	-2.244	-2.437
1.05E-02						
ENSRNOG000000038372	Ndufs2	-0.267	-0.259	-0.643		
0.253 0.584 1.05E-02						
ENSRNOG000000019267	Dkk4	-0.073	-0.156	-0.346	0.172	
0.390 1.05E-02						
ENSRNOG000000005045	Ppp2r5e	0.008	-0.079	-0.276	0.087	
0.266 1.06E-02						
ENSRNOG000000005147	Ccdc157	-0.265	-0.242	-0.881		
0.143 0.659 1.07E-02						
ENSRNOG000000017215	RGD1308601	-0.038	-0.094	-0.512		
0.052 0.393 1.07E-02						
ENSRNOG000000006608	Tmem70	-0.175	-0.286	-0.613		
0.229 0.493 1.09E-02						
ENSRNOG000000002863	Cacna1e	-4.061	-1.366	-2.465		
1.363 4.185 1.09E-02						
ENSRNOG000000036677	Slc16a3	-0.015	-0.354	-1.740		
0.344 1.063 1.09E-02						
ENSRNOG000000009934	Emc3	0.171	0.379	0.484	-0.342	-0.457
1.09E-02						
ENSRNOG000000007262	Ccdc134	0.107	0.313	0.647	-0.338	-0.628
1.09E-02						
ENSRNOG000000046204	Tspan15	0.195	0.730	1.013	-0.589	-0.886
1.09E-02						
ENSRNOG000000011329	Pkm	0.131	-0.320	-1.406	0.276	0.837
1.09E-02						
ENSRNOG000000010227	Gpatch21	0.051	0.181	0.304	-0.277	-0.341
1.09E-02						
ENSRNOG000000055068	LOC100360977	0.072	0.279	0.723	-0.239	-
0.522 1.10E-02						
ENSRNOG000000021174	Macrodl	0.090	-0.298	-0.958	0.380	
0.662 1.10E-02						
ENSRNOG000000006238	Traf2	-0.041	0.466	0.679	-0.361	-0.487
1.10E-02						
ENSRNOG000000020843	Ftl1	0.028	0.451	1.163	-0.208	-0.628
1.11E-02						
ENSRNOG000000012574	LOC499339	0.051	0.401	0.666	-0.477	-0.508
1.11E-02						
ENSRNOG000000048897	Vmac	-0.312	-0.220	-0.307	0.265	
0.585 1.12E-02						
ENSRNOG000000013431	Rsbnl1	-0.010	-0.335	-0.713		
0.241 0.427 1.12E-02						
ENSRNOG000000018412	Sfi1	-0.039	0.248	0.493	-0.275	-0.393
1.12E-02						
ENSRNOG000000014371	Cdh13	0.061	0.567	0.849	-0.432	-0.580
1.14E-02						
ENSRNOG000000004205	Pkdcc	-0.084	-0.458	-0.948	0.517	
0.770 1.14E-02						

ENSRNOG00000017079	Pgm211	0.148	-0.225	-0.778	0.292	
0.724	1.14E-02					
ENSRNOG00000019278	Fsd2	-0.039	-0.284	-1.074	0.227	
0.615	1.14E-02					
ENSRNOG00000015679	Dok4	0.135	-0.020	0.136	-0.114	-0.610
1.14E-02						
ENSRNOG00000038091	Sohlh2	-0.070	3.667	5.055	-3.595	-
5.284	1.14E-02					
ENSRNOG00000045821	Slc41a3	-0.026	-0.644	-2.018		
0.445	1.291	1.14E-02				
ENSRNOG00000014761	Rasd2	-0.233	-0.147	-1.150	0.500	
1.221	1.14E-02					
ENSRNOG00000018009	Rab8b	0.117	0.209	0.461	-0.367	-0.402
1.14E-02						
ENSRNOG00000020518	Fam189b	0.085	-0.309	-0.895	0.288	
0.612	1.14E-02					
ENSRNOG00000020167	Reep5	0.292	-0.072	-0.447	0.125	0.341
1.14E-02						
ENSRNOG00000007325	Usp28	0.057	0.408	0.642	-0.440	-0.562
1.14E-02						
ENSRNOG00000020853	Scap	-0.065	0.253	0.429	-0.192	-0.366
1.14E-02						
ENSRNOG00000061326	AABR07054487.1	-0.065	-2.095	-0.803	-2.010	
3.052	1.15E-02					
ENSRNOG00000019318	Syt3	-0.567	0.154	-0.573	0.390	1.122
1.15E-02						
ENSRNOG00000017149	Fam131b	0.102	-0.381	-1.065	0.357	
0.727	1.15E-02					
ENSRNOG00000006649	Thrb	-0.055	-0.221	-0.490	0.170	
0.443	1.15E-02					
ENSRNOG00000021232	Ddrgk1	0.135	-0.226	-0.571	0.286	
0.393	1.15E-02					
ENSRNOG00000052493	AABR07068327.1	-1.219	-0.259	1.290	1.658	-1.052
1.16E-02						
ENSRNOG00000051420	Cables2	0.045	0.651	1.042	-0.524	-0.682
1.16E-02						
ENSRNOG00000050510	LOC100363782	0.096	-0.005	-0.119	-0.397	
0.298	1.17E-02					
ENSRNOG00000055300	Ncapd2	0.110	0.204	0.485	-0.304	-0.529
1.17E-02						
ENSRNOG00000000563	Adamts14	0.007	0.353	1.068	-0.416	-0.929
1.17E-02						
ENSRNOG00000014128	Ecsit	-0.133	-0.249	-0.636	0.258	
0.509	1.17E-02					
ENSRNOG00000019557	Asb18	-0.834	-0.692	-1.643	0.583	
1.285	1.17E-02					
ENSRNOG00000001687	Crybg3	0.076	-0.247	-0.432	0.320	
0.518	1.18E-02					
ENSRNOG00000057834	AABR07013701.1	-2.175	-0.103	0.412	1.625	-0.473
1.18E-02						
ENSRNOG00000051977	Mmrn2	-0.079	-0.007	-0.278	0.140	
0.551	1.18E-02					
ENSRNOG00000009104	Fnip1	0.040	-0.280	-0.745	0.117	0.574
1.18E-02						

ENSRNOG00000048187	LOC691153	-0.485	0.052	-0.637	0.391	
1.481	1.18E-02					
ENSRNOG00000050210	RT1-CE10	-0.057	0.991	1.487	-0.351	-
0.731	1.19E-02					
ENSRNOG00000012181	Lpl	-0.947	-0.624	-0.402	0.597	
1.044	1.19E-02					
ENSRNOG00000020029	Fam195a	-0.230	-0.265	-0.789		
0.225	0.761	1.19E-02				
ENSRNOG00000047276	Pkm	0.162	-0.292	-1.416	0.248	0.820
1.19E-02						
ENSRNOG00000027724	Plekhf1	-0.006	-0.392	-0.688		
0.544	0.605	1.19E-02				
ENSRNOG00000042668	Msr3	0.048	-0.147	-0.542	0.082	0.355
1.19E-02						
ENSRNOG00000014616	Iars	-0.033	-0.153	-0.364	0.084	
0.324	1.19E-02					
ENSRNOG00000018044	Phyh	-0.284	-0.262	-0.713	0.207	
0.591	1.19E-02					
ENSRNOG00000048567	Ankmy1	0.354	0.363	0.776	-1.005	-1.173
1.19E-02						
ENSRNOG00000017243	Bnip3	0.071	-0.215	-0.437	0.077	0.474
1.19E-02						
ENSRNOG00000028254	Tmem141	0.047	-0.213	-0.460	0.291	
0.440	1.19E-02					
ENSRNOG00000007060	Plin2	-0.334	0.430	0.899	-0.326	-0.744
1.20E-02						
ENSRNOG00000054625	Fhod1	0.211	-0.190	-0.752	0.254	0.503
1.20E-02						
ENSRNOG00000023023	Trpt1	0.046	-0.305	-0.858	0.328	0.600
1.20E-02						
ENSRNOG00000053288	Ank3	0.138	-0.199	-0.654	0.069	0.486
1.20E-02						
ENSRNOG00000002749	Spag9	-0.045	-0.176	-0.508	0.044	
0.401	1.20E-02					
ENSRNOG00000055000	Zkscan3	-0.182	-0.192	-0.398		
0.194	0.264	1.21E-02				
ENSRNOG00000007607	Nr4a1	-0.060	-0.699	-1.674	0.804	
1.338	1.21E-02					
ENSRNOG00000005326	Cnrip1	0.780	0.009	0.537	-0.324	-0.911
1.21E-02						
ENSRNOG00000010940	Acad11	0.048	-0.337	-0.410	0.274	
0.706	1.21E-02					
ENSRNOG00000029042	Mt-nd6	-0.388	-0.277	-0.699		
0.179	0.657	1.21E-02				
ENSRNOG00000028384	Npepl1	0.093	-0.230	-0.612	0.239	
0.416	1.21E-02					
ENSRNOG00000009708	Tasl1	-0.255	-0.570	-1.127		
0.525	0.931	1.22E-02				
ENSRNOG00000009155	Ndufs3	-0.118	-0.325	-0.829		
0.270	0.571	1.22E-02				
ENSRNOG00000019677	Arid3b	0.280	-0.341	-0.923	0.272	
0.726	1.22E-02					
ENSRNOG00000018114	Acadv1	-0.515	-0.289	-0.409		
0.291	0.651	1.23E-02				

ENSRNOG00000015191	Phc1	0.173	-0.261	-0.848	0.265	0.542	
1.23E-02							
ENSRNOG00000026493	Cdnf	0.354	-0.108	-1.091	0.145	0.750	
1.24E-02							
ENSRNOG00000021241	Gfra4	0.086	-0.284	-1.568	0.292	1.227	
1.24E-02							
ENSRNOG00000002258	Tmem150c	-0.247		-0.194		-0.858	
0.178	0.855	1.24E-02					
ENSRNOG00000020659	Mrpl4	-0.105		-0.216		-0.542	0.235
0.440	1.24E-02						
ENSRNOG00000016032	Cnm3	-0.098		-0.122		-0.534	0.237
0.411	1.24E-02						
ENSRNOG00000016907	Ppp5c	-0.037		-0.157		-0.443	0.165
0.318	1.24E-02						
ENSRNOG00000024494	AABR07056633.1	0.339	3.098	3.554	-2.168		-
2.565	1.24E-02						
ENSRNOG00000018755	Acss2	-0.256		-0.230		-0.703	0.367
0.712	1.24E-02						
ENSRNOG00000007316	Idh3B	-0.236		-0.244		-0.559	0.208
0.540	1.24E-02						
ENSRNOG00000005749	Foxred2	0.229	0.409	0.858	-0.413		-0.794
1.24E-02							
ENSRNOG00000017120	Abhd2	-0.200	0.760	1.319	-0.988		-0.918
1.24E-02							
ENSRNOG00000002303	Kcnj12	0.272	-0.356		-1.223		0.326
0.847	1.24E-02						
ENSRNOG00000017035	Cep120	0.115	0.041	0.167	-0.198		-0.275
1.25E-02							
ENSRNOG00000058289	AABR07027575.1	-0.045		1.088	1.593	-1.227	
-1.500	1.25E-02						
ENSRNOG00000020392	Stxbp3	0.117	-0.283		-0.566		0.194
0.433	1.26E-02						
ENSRNOG00000008519	RGD1309079	-0.118	0.142	0.703	-0.215		-
0.622	1.27E-02						
ENSRNOG00000058456	AABR07051177.1	0.223	0.144	0.913	-0.246		-
1.332	1.27E-02						
ENSRNOG00000007461	Klhl41	0.049	0.414	0.693	-0.464		-0.526
1.27E-02							
ENSRNOG00000001765	Slc51a	-0.809	2.850	3.918	-2.476		-
2.629	1.27E-02						
ENSRNOG00000021536	Plxdc1	-0.478	0.239	1.305	-0.321		-
0.977	1.27E-02						
ENSRNOG00000055608	Zfp94	-0.353	-0.481		-0.922		0.463
0.797	1.27E-02						
ENSRNOG00000026286	Nhlrc1	-0.018		-0.142		-1.098	
0.273	0.878	1.28E-02					
ENSRNOG00000042179	Cfap20	0.025	0.040	0.413	-0.091		-0.352
1.28E-02							
ENSRNOG00000003243	Wdr81	-0.059	0.204	0.446	-0.162		-0.398
1.28E-02							
ENSRNOG00000007404	Ccdc23	0.012	0.321	0.517	-0.277		-0.548
1.29E-02							
ENSRNOG00000012008	S100a3	-0.050	0.550	1.559	-0.894		-
1.499	1.29E-02						

ENSRNOG00000014316	Rapgef1	-0.099	-0.062	-0.363		
0.034 0.395 1.30E-02						
ENSRNOG00000013009	Ldha	0.239 -0.353	-1.098	0.344 0.702		
1.33E-02						
ENSRNOG00000023520	Cs	-0.221	-0.189	-0.578	0.111	
0.457 1.33E-02						
ENSRNOG00000038610	RGD1564688	0.294 -0.382	-1.290	0.357		
1.026 1.33E-02						
ENSRNOG00000025512	Mettl17	-0.026	-0.148	-0.369		
0.170 0.377 1.33E-02						
ENSRNOG00000004152	Lrp12	-0.003	0.120 0.254	-0.276	-0.434	
1.33E-02						
ENSRNOG00000011723	Slc44a3	0.530 0.803 1.875	-1.674	-1.436		
1.33E-02						
ENSRNOG00000018598	Ankrd1	-0.439	2.285 3.969	-2.338	-	
2.435 1.33E-02						
ENSRNOG00000015239	Ginm1	0.327 -0.261	-0.649	0.267 0.531		
1.33E-02						
ENSRNOG00000023035	Smim8	0.110 -0.344	-0.628	0.298 0.453		
1.33E-02						
ENSRNOG00000003782	Acot9	-0.073	0.458 0.888	-0.480	-0.678	
1.35E-02						
ENSRNOG00000006116	Hk2	0.095 -0.309	-0.614	0.309 0.614		
1.36E-02						
ENSRNOG00000004473	Ppargcla	-0.078	-0.390	-1.056		
0.237 0.725 1.36E-02						
ENSRNOG00000020281	Kif22	0.440 0.619 1.522	-0.555	-1.268		
1.36E-02						
ENSRNOG00000017940	Rere	0.040 -0.013	-0.611	0.132 0.558		
1.36E-02						
ENSRNOG00000034126	Pcdhga2	0.050 -0.338	-0.747	0.359		
0.704 1.37E-02						
ENSRNOG00000021106	Gramd1a	-0.247	-0.117	-0.323		
0.113 0.360 1.37E-02						
ENSRNOG00000030478	AY172581.9	-0.204	-0.286	-0.592		
0.349 0.869 1.37E-02						
ENSRNOG00000016327	Mcee	-0.266	-0.370	-0.663	0.434	
0.629 1.37E-02						
ENSRNOG00000009033	Cntn2	0.027 0.430 1.667	-0.527	-1.171		
1.37E-02						
ENSRNOG000000051943	AABR07030854.2	0.230 -0.192	-1.433			
0.321 1.149 1.38E-02						
ENSRNOG000000060905	AC111831.2	0.227 0.084 0.808	-0.671	-1.317		
1.38E-02						
ENSRNOG00000025679	Stk40	0.019 0.082 -0.292	-0.005	0.357		
1.38E-02						
ENSRNOG00000019907	Nfkbie	-0.126	1.030 1.597	-0.778	-	
0.811 1.39E-02						
ENSRNOG000000046254	Adgre1	0.035 0.356 0.912	-0.375	-0.765		
1.39E-02						
ENSRNOG00000019387	Ifi30	-0.047	0.084 0.693	-0.089	-0.557	
1.39E-02						
ENSRNOG000000050015	LOC100910772	-0.083	0.446 1.687	-0.755		
-1.900 1.39E-02						

ENSRNOG00000033734	Tnnt2	-0.601	1.717	3.597	-2.478	-3.241
1.39E-02						
ENSRNOG00000057129	AABR07049033.2	-0.057			-1.772	-3.185
0.894	2.265	1.39E-02				
ENSRNOG00000019926	Ramp1	0.277	-0.710		-1.111	0.810
1.39E-02						1.031
ENSRNOG00000021314	Fdft1	-0.042			-0.235	-0.549
0.443	1.40E-02					0.247
ENSRNOG00000003219	Trim16	-0.336			-0.326	-0.520
0.282	0.540	1.41E-02				
ENSRNOG00000001338	Hpd	-1.494			-0.473	-1.289
2.591	1.42E-02					0.808
ENSRNOG00000054390	AABR07050283.1	0.373	-0.687			-1.228
0.652	0.794	1.43E-02				
ENSRNOG00000001177	Acads	-0.483			-0.260	-0.466
0.612	1.43E-02					0.211
ENSRNOG00000017608	C2cd3	0.108	0.399	0.542	-0.437	-0.527
1.43E-02						
ENSRNOG00000002044	Gtpbp8	-0.084			-0.371	-0.615
0.348	0.403	1.43E-02				
ENSRNOG00000015529	Cdca3	0.297	0.677	1.621	-1.536	-1.913
1.43E-02						
ENSRNOG00000019219	Vamp1	-0.025			-0.163	-0.668
0.427	1.44E-02					0.113
ENSRNOG00000003895	Rgs1	1.632	1.275	1.952	-1.220	-2.050
1.44E-02						
ENSRNOG00000017780	Akr7a2	-0.258			-0.106	-0.462
0.147	0.523	1.44E-02				
ENSRNOG00000024577	Gamt	-0.130			-0.174	-0.732
0.617	1.44E-02					0.242
ENSRNOG00000008637	Strada	-0.014			0.172	0.368
0.316	1.44E-02					-0.137
ENSRNOG00000043219	Fbn2	-0.424			0.015	1.251
1.44E-02						-0.597
ENSRNOG00000014786	Ccne1	-0.185			0.124	1.444
1.44E-02						-1.350
ENSRNOG00000009197	Asb4	0.225	-0.559		-1.590	0.309
1.45E-02						0.953
ENSRNOG00000050348	LOC684270	-0.023			-0.319	-0.535
0.244	0.424	1.45E-02				
ENSRNOG00000031211	Acsm5	0.696	0.255	-0.775		0.363
						1.355
ENSRNOG00000005587	Suclg1	-0.136			-0.318	-0.661
0.255	0.480	1.45E-02				
ENSRNOG00000005101	Ctage5	0.247	-0.477		-0.710	0.223
0.395	1.45E-02					
ENSRNOG00000007300	Clqtnf6	0.339	0.042	0.800	-0.448	-1.035
1.45E-02						
ENSRNOG00000018145	Crat	-0.074			-0.171	-0.461
0.442	1.45E-02					0.120
ENSRNOG00000059837	Cdkn2a	0.490	2.203	3.623	-1.313	-2.577
1.45E-02						
ENSRNOG00000032703	Rasgrp3	0.554	-0.293		-1.014	0.269
0.788	1.45E-02					

ENSRNOG00000000033 1.45E-02	Tmcc2	0.243	-0.348	-1.108	0.307	0.643
ENSRNOG00000012763 0.334 1.45E-02	Cwf1911	0.165	-0.228	-0.480	0.201	
ENSRNOG00000020567 1.45E-02	Fibp	0.179	0.179	0.231	-0.176	-0.360
ENSRNOG00000018716 1.45E-02	Dennd2c	0.012	0.478	0.856	-0.628	-0.863
ENSRNOG00000001915 1.45E-02	Chod1	0.266	-0.213	0.746	-0.223	-1.177
ENSRNOG000000031801 1.45E-02	Ephb3	0.041	0.801	1.732	-0.404	-1.236
ENSRNOG000000057221 1.45E-02	Scn3b	-0.691	0.658	1.615	-0.841	-1.464
ENSRNOG000000021713 1.45E-02	Kif18b	0.036	1.405	2.132	-1.591	-2.331
ENSRNOG000000014277 0.692 1.45E-02	Zdhhc13	-0.129	0.250	0.770	-0.616	-
ENSRNOG000000008209 0.731 1.46E-02	St3gal1	0.318	-0.259	-0.966	0.283	
ENSRNOG000000047499 0.478 1.47E-02	Rbm15	-0.009	-0.137	-0.470	0.158	
ENSRNOG000000000439 0.646 1.47E-02	Ager	-0.314	-0.225	-0.429	0.503	
ENSRNOG000000000913 1.47E-02	Gusb	0.065	0.301	0.625	-0.207	-0.407
ENSRNOG000000042944 1.47E-02	Cenpw	0.098	0.082	1.941	-0.860	-2.421
ENSRNOG000000019223 0.255 0.543 1.47E-02	Atp5c1	-0.162	-0.343	-0.728		
ENSRNOG000000006419 1.47E-02	Aven	0.313	-0.315	-0.715	0.316	0.500
ENSRNOG000000021086 1.47E-02	Dtx4	0.118	0.224	0.438	-0.352	-0.575
ENSRNOG000000010890 1.47E-02	Bmp1	-0.110	0.155	0.594	-0.293	-0.618
ENSRNOG000000008806 0.408 1.48E-02	Clip4	-0.068	-0.137	-0.510	0.065	
ENSRNOG000000016935 0.441 1.48E-02	Mapk1ip1	0.077	-0.147	-0.492	0.181	
ENSRNOG000000016574 0.314 1.48E-02	Fiz1	-0.009	-0.101	-0.401	0.053	
ENSRNOG000000049223 0.418 1.48E-02	Vipas39	-0.193	0.181	0.495	-0.310	-
ENSRNOG000000052445 0.711 1.48E-02	Kdm7a	-0.018	-0.314	-0.839	0.093	
ENSRNOG000000013585 0.446 0.688 1.48E-02	Nmnat3	-0.148	-0.302	-0.699		
ENSRNOG000000016952 0.301 0.567 1.48E-02	LOC686442	-0.087	-0.257	-0.653		
ENSRNOG000000015161 0.246 0.506 1.48E-02	LOC688754	-0.104	-0.285	-0.640		
ENSRNOG000000014422 1.48E-02	Gtf2e2	0.077	0.127	0.445	-0.113	-0.414

ENSRNOG00000019667	Ppfibp2	-0.415	0.772	1.151	-0.565	-
0.690		1.48E-02				
ENSRNOG00000010947	Mmp14	0.025	0.366	1.267	-0.288	-0.922
1.48E-02						
ENSRNOG00000007078	Wispl	0.439	-0.052	1.521	-0.657	-1.447
1.48E-02						
ENSRNOG00000008586	Aldh1l2	1.077	0.740	1.072	-1.593	-1.647
1.48E-02						
ENSRNOG000000030102	Mboat4	0.659	1.455	2.097	-1.709	-2.579
1.48E-02						
ENSRNOG000000039744	RT1-CE4	-0.062	0.811	1.165	-0.246	-
0.645		1.48E-02				
ENSRNOG000000003590	Tom1l2	-0.273	-0.219	-0.702		
0.091		0.570	1.48E-02			
ENSRNOG000000002238	Sema5b	-0.136	-0.188	-0.393		
0.315		0.822	1.49E-02			
ENSRNOG000000006206	Tmem106b	-0.369	-0.396	-0.483		
0.253		0.621	1.49E-02			
ENSRNOG000000000700	Tmem119	0.337	0.779	2.131	-1.029	-1.732
1.49E-02						
ENSRNOG000000011702	Foxp3	0.398	-0.690	-2.136	0.706	1.418
1.49E-02						
ENSRNOG000000016244	Mical2	0.040	0.288	-1.028	0.092	1.214
1.49E-02						
ENSRNOG000000024410	Blvrb	-0.272	0.498	1.002	-0.319	-0.509
1.49E-02						
ENSRNOG000000038622	Zfp628	-0.105	-0.141	-0.609		
0.148		0.489	1.50E-02			
ENSRNOG000000045816	Gria1	0.909	0.246	1.257	-1.408	-2.304
1.50E-02						
ENSRNOG000000036742	Uqcrc2	-0.256	-0.309	-0.589		
0.211		0.563	1.51E-02			
ENSRNOG000000060707	Atg2a	-0.047	-0.105	-0.604	0.124	
0.449		1.51E-02				
ENSRNOG000000006858	Pyurfl1	-0.069	-0.268	-0.538		
0.248		0.443	1.51E-02			
ENSRNOG000000002908	Slc35a4	-0.062	-0.094	-0.411		
0.085		0.308	1.51E-02			
ENSRNOG000000012513	Pdk3	0.142	0.145	0.888	-0.186	-0.729
1.51E-02						
ENSRNOG000000024178	Cenpt	0.574	0.952	1.594	-1.962	-2.011
1.51E-02						
ENSRNOG000000002332	Mospd1	0.178	-0.232	-0.679	0.059	
0.460		1.52E-02				
ENSRNOG000000004612	Ppp1cb	0.060	-0.426	-0.693	0.240	
0.527		1.52E-02				
ENSRNOG000000004103	Trappc6b	0.228	-0.295	-0.569	0.247	
0.364		1.53E-02				
ENSRNOG000000033608	Cd276	-0.055	0.210	0.764	-0.323	-0.611
1.53E-02						
ENSRNOG000000038406	Tmem132b	1.004	0.819	-1.623	0.064	2.149
1.54E-02						
ENSRNOG000000007646	Sipa1l1	0.064	-0.096	-0.527	0.158	
0.479		1.55E-02				

ENSRNOG00000005016	Tmed4	0.157	-0.150	-0.381	0.173	0.316	
1.55E-02							
ENSRNOG00000019751	Cyb5r2		-0.240	0.593	0.921	-0.624	-
0.664							
1.55E-02							
ENSRNOG00000029465	Slc26a10		-0.185	-0.276		-0.400	
0.379							
0.921							
1.56E-02							
ENSRNOG00000010984	Anxa11		-0.237	-0.041		-0.117	
0.129							
0.282							
1.57E-02							
ENSRNOG00000025808	Aars2	-0.107		-0.305		-0.829	0.235
0.551							
1.57E-02							
ENSRNOG00000011849	Ndufs1		-0.316	-0.307		-0.726	
0.197							
0.660							
1.57E-02							
ENSRNOG00000030700	Mt-cox3		-0.341	-0.361		-0.682	
0.276							
0.649							
1.58E-02							
ENSRNOG00000032398	RGD1562136		-0.058	-0.308		-0.835	
0.202							
0.496							
1.58E-02							
ENSRNOG00000011419	Aldh6a1		-0.177	-0.094		-0.369	
0.059							
0.478							
1.58E-02							
ENSRNOG00000050197	Pdia6	0.135	-0.017	0.141	-0.004		-0.275
1.58E-02							
ENSRNOG00000017445	Tubb2b		-0.247	0.156	0.970	-0.229	-
0.753							
1.58E-02							
ENSRNOG00000013720	Aebp1	0.748	0.361	1.198	-0.466		-0.969
1.58E-02							
ENSRNOG00000052477	Tbrg4	-0.357		-0.202		-0.335	0.249
0.453							
1.58E-02							
ENSRNOG00000049768	Adcy9	0.034	-0.165	-0.905		0.051	0.672
1.58E-02							
ENSRNOG00000016201	Mrps9	-0.289		-0.213		-0.420	0.202
0.399							
1.58E-02							
ENSRNOG00000012303	Apobec2		-0.435	-0.330		-0.525	
0.333							
0.700							
1.59E-02							
ENSRNOG00000013603	Dffa	-0.194		-0.383		-0.834	0.205
0.715							
1.60E-02							
ENSRNOG00000003873	Cpd	-0.148		-0.242		-0.657	0.244
0.608							
1.60E-02							
ENSRNOG00000050044	Ptp4a2	0.091	-0.179			-0.878	0.102
0.556							
1.60E-02							
ENSRNOG00000000513	Mapk14	0.006	-0.109			-0.537	0.198
0.465							
1.60E-02							
ENSRNOG00000003139	Smc1a	-0.063		0.181	0.318	-0.155	-0.275
1.60E-02							
ENSRNOG00000037364	AABR07003049.1		0.057	0.441	0.544	-0.402	-
0.499							
1.61E-02							
ENSRNOG00000059061	Uqcr10		-0.075	-0.317		-0.644	
0.356							
0.542							
1.61E-02							
ENSRNOG00000029799	Tomm34		-0.098	0.335	0.229	-0.345	-
0.378							
1.61E-02							
ENSRNOG00000042869	LOC100360002		-0.080			-0.365	-0.674
0.249							
0.576							
1.62E-02							
ENSRNOG00000007590	Eya1	0.249	-0.214			-1.067	0.137
1.62E-02							
ENSRNOG00000024186	Eef1b2	0.153	0.062	0.463	-0.089		-0.459
1.62E-02							

ENSRNOG00000012457	Cycl	-0.282	-0.256	-0.695	0.223	
0.578 1.63E-02						
ENSRNOG00000057470	Pla2g12a	-0.742	-0.348	-0.568		
0.402 1.034 1.63E-02						
ENSRNOG00000003143	RGD1310166	0.000	1.808	3.205	-1.313	-2.618
1.64E-02						
ENSRNOG00000003984	Apln	-0.110	0.073	0.756	-0.406	-1.128
1.64E-02						
ENSRNOG00000015264	Lrrc38	0.332	-0.616	-1.856	0.689	
1.443 1.64E-02						
ENSRNOG00000019850	Speg	0.107	-0.096	-0.808	0.135	0.613
1.64E-02						
ENSRNOG00000059461	B4galt1	-0.020	0.237	0.416	-0.252	-
0.349 1.64E-02						
ENSRNOG00000055471	Ywhah	0.039	0.101	0.242	-0.156	-0.306
1.64E-02						
ENSRNOG00000034234	Mt-co1	-0.413	-0.386	-0.613		
0.307 0.681 1.64E-02						
ENSRNOG00000007837	Acot11	-0.627	-0.350	-0.908		
0.587 1.212 1.65E-02						
ENSRNOG00000056139	AABR07016621.1	0.135	-0.307	-1.157		
0.522 0.986 1.65E-02						
ENSRNOG00000000316	Sobp	0.255	-0.339	-0.952	0.345	0.663
1.65E-02						
ENSRNOG00000014723	Cbfa2t3	-0.101	-0.181	-0.574		
0.356 0.548 1.65E-02						
ENSRNOG00000009049	Usp11	-0.307	0.449	0.967	-0.368	-0.703
1.65E-02						
ENSRNOG00000023064	Catsper2	0.056	0.339	0.651	-0.653	-0.642
1.65E-02						
ENSRNOG00000052574	Lbr	0.074	-0.056	-0.260	0.065	0.294
1.65E-02						
ENSRNOG00000011161	Slc2a12	0.168	-0.263	-0.939	0.210	
0.588 1.65E-02						
ENSRNOG00000017156	Ankle1	0.357	0.965	1.713	-2.037	-2.288
1.66E-02						
ENSRNOG00000019862	Pinlyp	0.512	0.724	1.170	-0.456	-1.164
1.66E-02						
ENSRNOG00000021155	Ctsk	0.145	0.238	1.092	-0.373	-0.908
1.67E-02						
ENSRNOG00000013727	Ndc80	0.316	0.378	1.528	-0.674	-1.410
1.68E-02						
ENSRNOG00000029055	Ttk	0.131	0.794	1.312	-1.717	-2.223
1.69E-02						
ENSRNOG00000036841	Cbx5	-0.033	0.087	0.293	-0.162	-0.359
1.69E-02						
ENSRNOG00000000895	Rabgef1	0.301	-0.260	-0.985	0.179	
0.610 1.69E-02						
ENSRNOG00000022980	Sdhd	-0.124	-0.321	-0.644	0.276	
0.515 1.69E-02						
ENSRNOG00000037080	Adamts17	-0.187	0.708	1.833	-1.865	-
2.437 1.69E-02						
ENSRNOG00000022772	Prickle1	-0.026	-0.199	-0.344		
0.293 0.454 1.70E-02						

ENSRNOG00000021602	Zmynd10	-0.181	-0.170	-0.701		
0.350 0.623 1.70E-02						
ENSRNOG00000033389	Susd2	-0.127	-0.178	-0.364	0.332	
0.600 1.71E-02						
ENSRNOG00000029570	Fam222b	0.024	-0.204	-0.498	0.273	
0.338 1.71E-02						
ENSRNOG00000016686	Tmem167a	0.227	0.103	0.268	-0.186	-0.388
1.71E-02						
ENSRNOG00000008329	Ndufb11	-0.052	-0.331	-0.712		
0.356 0.530 1.71E-02						
ENSRNOG00000016789	Actr1b	-0.011	0.056	0.315	-0.105	-
0.339 1.72E-02						
ENSRNOG00000014997	Igf2r	0.125	0.210	0.398	-0.279	-0.466
1.72E-02						
ENSRNOG00000043381	Cyth1	-0.298	-0.096	-0.138	0.170	
0.358 1.73E-02						
ENSRNOG00000000987	Ptcd1	-0.099	-0.026	-0.192	0.094	
0.280 1.73E-02						
ENSRNOG00000008609	Capn3	0.047	-0.181	-0.511	0.090	0.357
1.73E-02						
ENSRNOG00000015695	Sult5a1	0.839	0.344	0.739	-0.506	-1.221
1.73E-02						
ENSRNOG00000011316	Fam167a	0.083	0.793	1.765	-0.532	-1.453
1.73E-02						
ENSRNOG00000016356	Got1	-0.463	-0.408	-0.787	0.377	
0.760 1.73E-02						
ENSRNOG000000061216	Tubb5	-0.109	0.340	0.842	-0.287	-0.521
1.73E-02						
ENSRNOG00000010881	Trak2	-0.142	-0.291	-0.754	0.107	
0.529 1.73E-02						
ENSRNOG00000012390	Npw	-0.331	0.293	2.191	-1.230	-2.234
1.73E-02						
ENSRNOG00000002052	Ccdc80	0.693	0.613	1.297	-1.026	-1.147
1.73E-02						
ENSRNOG00000031273	RGD1559972	0.134	0.031	0.588	-0.008	-0.502
1.74E-02						
ENSRNOG00000043150	Arfgap1	0.164	-0.240	-0.412	0.256	
0.307 1.75E-02						
ENSRNOG00000014013	Map4k4	-0.097	0.271	0.555	-0.335	-
0.413 1.75E-02						
ENSRNOG00000000903	As1	-0.101	0.253	0.446	-0.185	-0.405
1.77E-02						
ENSRNOG00000030644	Mt-nd1	-0.395	-0.330	-0.706		
0.331 0.738 1.77E-02						
ENSRNOG00000018815	Plk1	0.358	0.975	1.276	-1.111	-1.627
1.77E-02						
ENSRNOG00000011782	Got2	-0.267	-0.132	-0.445	0.167	
0.456 1.77E-02						
ENSRNOG00000021150	Plcb3	-0.201	-0.036	-0.161	0.194	
0.328 1.77E-02						
ENSRNOG00000002207	Guf1	-0.036	-0.463	-0.702	0.226	
0.442 1.77E-02						
ENSRNOG00000001149	Pxn	0.054	-0.033	-0.387	0.107	0.329
1.77E-02						

ENSRNOG00000057676	Polr2m	0.039	-0.264	-0.655	0.180
0.375					1.77E-02
ENSRNOG00000024101	Phkb	0.193	-0.178	-1.142	0.116
1.78E-02					0.720
ENSRNOG00000009862	Olfm1	0.101	0.410	0.967	-0.240
1.79E-02					-0.720
ENSRNOG00000004629	Fkbp3	0.018	-0.350	-0.536	0.286
1.79E-02					0.476
ENSRNOG00000005865	Ssfa2	-0.146	-0.137	-0.171	0.181
0.344					1.79E-02
ENSRNOG00000024580	Mamstr	0.151	0.792	0.995	-0.531
1.79E-02					-0.808
ENSRNOG00000010277	Idh3a	0.003	-0.313	-0.933	0.180
1.80E-02					0.570
ENSRNOG00000049020	Tceal3	0.973	1.250	2.015	-1.325
1.80E-02					-2.401
ENSRNOG00000022500	Rwdd4	-0.060	-0.233	-0.415	0.142
0.290					1.81E-02
ENSRNOG00000015295	Ctdsp1	0.124	-0.109	-0.320	0.232
0.283					1.81E-02
ENSRNOG00000014658	Zfp423	0.118	-0.020	-0.631	0.101
0.536					1.81E-02
ENSRNOG00000014530	Nav2	-0.341	0.359	0.714	-0.239
1.81E-02					-0.635
ENSRNOG00000020075	Eef1g	0.208	0.053	0.187	-0.144
1.81E-02					-0.365
ENSRNOG00000017029	Snx1	-0.024	0.118	0.423	-0.172
1.81E-02					-0.376
ENSRNOG00000050655	P4ha1	0.196	-0.369	-0.695	0.306
1.82E-02					0.433
ENSRNOG00000051854	Enpep	0.046	-0.316	-0.448	0.163
1.82E-02					0.585
ENSRNOG00000032293	Polg	-0.043	-0.126	-0.400	0.183
0.373					1.83E-02
ENSRNOG00000014691	Ric3	0.417	0.589	-0.216	0.025
					0.766
					1.83E-02
ENSRNOG00000017941	Optn	0.056	-0.030	-0.457	-0.041
0.315					1.83E-02
ENSRNOG00000020723	Pten	0.018	0.239	0.623	-0.245
1.83E-02					-0.464
ENSRNOG00000006142	Tmem8c	-0.628	2.601	3.452	-2.567
2.518					1.84E-02
ENSRNOG00000023683	Nog	0.316	0.047	-0.724	0.287
					1.033
					1.84E-02
ENSRNOG00000061299	AC113925.2	-0.741	-0.619	-1.062	
0.616					1.84E-02
ENSRNOG00000029996	LOC100360150	-0.004	0.213	1.374	-0.364
-0.798					1.84E-02
ENSRNOG00000018117	Ndufv1	-0.331	-0.213	-0.653	
0.213					1.84E-02
ENSRNOG00000012258	Rras2	-0.108	0.221	0.701	-0.396
1.84E-02					-0.680
ENSRNOG00000013463	Kcnj8	-0.399	-0.302	-0.502	0.429
0.760					1.84E-02

ENSRNOG00000057759	AABR07027854.1	-0.035	0.080	0.469	-0.073
-0.385	1.84E-02				
ENSRNOG00000051816	LOC502894	0.162	-0.291	-0.833	0.102
0.421	1.85E-02				
ENSRNOG00000007895	Pdhb	-0.303	-0.277	-0.615	0.201
0.504	1.85E-02				
ENSRNOG00000023337	Sema3a	0.811	1.150	2.506	-1.225
1.85E-02					
ENSRNOG00000029910	Golga4	-0.128	-0.118	-0.412	
0.157	0.411	1.85E-02			
ENSRNOG00000012495	Podxl	-0.104	-0.290	-0.526	0.203
0.576	1.85E-02				
ENSRNOG00000009930	Pigo	-0.033	-0.214	-0.656	0.101
0.488	1.85E-02				
ENSRNOG00000010673	Eral1	-0.051	-0.163	-0.467	0.161
0.318	1.86E-02				
ENSRNOG00000009314	Ivl	0.026	-0.015	2.411	0.027
1.86E-02					
ENSRNOG00000007378	Acox2	-0.497	-0.303	-1.219	0.453
1.315	1.87E-02				
ENSRNOG00000015540	Ppp6r3	-0.034	-0.110	-0.377	
0.048	0.272	1.87E-02			
ENSRNOG00000015794	Fam83d	0.449	0.801	2.393	-0.943
1.87E-02					
ENSRNOG00000019295	Rab12	0.090	0.153	0.369	-0.187
1.87E-02					
ENSRNOG00000016161	Lman2	0.068	-0.240	-0.693	0.275
1.87E-02					
ENSRNOG00000015033	Mxd4	-0.002	0.203	0.473	-0.080
1.87E-02					
ENSRNOG00000022730	Zfp57	-0.023	0.186	1.995	-0.696
1.87E-02					
ENSRNOG00000019022	Fam89a	-0.227	-0.330	-0.479	
0.577	0.813	1.88E-02			
ENSRNOG00000009298	Fbxo44	-0.212	-0.291	-0.739	
0.348	0.764	1.88E-02			
ENSRNOG00000029971	Mt-nd5	-0.373	-0.310	-0.721	
0.184	0.731	1.88E-02			
ENSRNOG00000012873	Gfm1	-0.159	-0.250	-0.596	0.120
0.397	1.88E-02				
ENSRNOG00000016917	Clcn1	0.166	-0.194	-1.067	0.193
1.88E-02					
ENSRNOG00000014480	Sys1	0.202	-0.254	-0.730	0.384
1.88E-02					
ENSRNOG00000031485	Dpp3	-0.020	0.279	0.398	-0.389
1.89E-02					
ENSRNOG00000013179	Tinagl1	-0.110	-0.346	-0.534	
0.428	0.767	1.89E-02			
ENSRNOG00000012494	Kctd14	0.288	0.156	0.765	-0.208
1.89E-02					
ENSRNOG00000016678	Angptl2	0.166	0.137	0.369	-0.223
1.89E-02					
ENSRNOG00000012434	Zfp598	0.113	-0.100	-0.400	0.131
0.332	1.90E-02				

ENSRNOG00000014214	Rpl27a	0.100	0.079	0.485	-0.053	-0.458
1.90E-02						
ENSRNOG00000008837	Ass1	-0.274		-0.330	-0.665	0.706
0.968	1.91E-02					
ENSRNOG00000001707	Vwa5b2	-0.208		-0.227	-0.464	
0.219	0.608	1.92E-02				
ENSRNOG00000019485	Bckdk	-0.070		-0.172	-0.456	0.192
0.339	1.92E-02					
ENSRNOG00000023278	Sec61a2	0.091	0.196	0.204	-0.133	-0.356
1.92E-02						
ENSRNOG00000018276	Mgat4a	0.007	-0.055		-0.102	0.259
0.495	1.92E-02					
ENSRNOG00000013837	Tp53bp1	-0.238		0.153	0.399	-0.441
0.519	1.92E-02					-
ENSRNOG00000027087	Tmem186	-0.064		-0.109	-0.341	
0.075	0.277	1.93E-02				
ENSRNOG00000017342	Zdhhc7	-0.026		-0.045	-0.320	
0.205	0.270	1.93E-02				
ENSRNOG00000002517	Pdc	-0.280		-0.640	-2.379	0.878
1.990	1.93E-02					
ENSRNOG00000038300	Gstt4	0.605	2.278	3.066	-1.224	-2.529
1.94E-02						
ENSRNOG00000047306	Stap2	-0.041		1.021	1.810	-0.934
1.95E-02						-1.162
ENSRNOG00000003625	Ubxn4	-0.077		0.190	0.465	-0.258
1.95E-02						-0.383
ENSRNOG00000026941	Tril	-0.175		0.011	0.464	-0.168
1.95E-02						-0.548
ENSRNOG00000045604	AC139391.1	0.185	-0.598		-1.919	0.423
1.434	1.95E-02					
ENSRNOG00000008051	Itpk1	-0.209		0.014	-0.300	0.255
1.95E-02						0.518
ENSRNOG00000017545	Mrs2	-0.180		-0.235	-0.599	0.129
0.440	1.95E-02					
ENSRNOG00000012827	Mlf1	0.397	-0.653		-1.318	0.437
1.96E-02						0.740
ENSRNOG00000056894	St6galnac3	-0.321		-0.237	-0.606	
0.368	0.691	1.96E-02				
ENSRNOG00000003653	Fh	-0.249		-0.414	-0.732	0.190
0.529	1.96E-02					
ENSRNOG00000015928	Dhx35	-0.217		-0.223	-0.676	0.230
0.462	1.96E-02					
ENSRNOG00000022249	Ml1t10	0.000	-0.071		-0.358	0.056
0.334	1.96E-02					
ENSRNOG00000028674	Fbxw5	-0.161		-0.162	-0.485	0.124
0.332	1.96E-02					
ENSRNOG00000026527	Snx32	0.099	0.602	0.765	-0.466	-0.653
1.97E-02						
ENSRNOG00000058478	Mapk8ip1	0.237	-0.272		-0.659	0.386
0.537	1.97E-02					
ENSRNOG00000002763	Ulk2	-0.015		-0.166	-0.460	0.061
0.359	1.97E-02					
ENSRNOG00000001681	Dscr3	-0.012		0.232	0.503	-0.217
1.97E-02						-0.413

ENSRNOG00000022490	AC115341.1	-0.092	-0.344	-0.668		
0.236 0.541 1.98E-02						
ENSRNOG00000018371	Tubb6	-0.294	1.589 2.392	-1.285	-1.271	
1.98E-02						
ENSRNOG00000016740	Fam210a	-0.367	-0.327	-0.692		
0.154 0.557 1.99E-02						
ENSRNOG00000015456	Zfp787	-0.102	-0.170	-0.550		
0.122 0.405 1.99E-02						
ENSRNOG00000002713	Zfp672	-0.039	-0.165	-0.380		
0.162 0.311 1.99E-02						
ENSRNOG00000026049	Qrs11	-0.110	-0.310	-0.761	0.223	
0.519 2.00E-02						
ENSRNOG00000014785	Ykt6	0.051 0.069	0.240 -0.201	-0.226		
2.00E-02						
ENSRNOG00000005496	Ing3	0.162 0.053	0.113 -0.307	-0.346		
2.00E-02						
ENSRNOG00000010331	Ctsb	0.000 0.202	0.705 -0.105	-0.387		
2.00E-02						
ENSRNOG000000053502	Arhgef17	0.169 0.229	0.323 -0.091	-0.396		
2.00E-02						
ENSRNOG000000034246	Rps27a-ps1	0.168 0.034	0.462 -0.127	-0.469		
2.00E-02						
ENSRNOG00000020440	Fads2	-0.061	-0.039	0.444 0.023	-0.598	
2.00E-02						
ENSRNOG00000020688	Ccdc51	-0.308	-0.232	-0.571		
0.343 0.482 2.00E-02						
ENSRNOG000000060934	Ptx4	0.526 -0.073	1.716 -0.931	-2.858		
2.00E-02						
ENSRNOG000000054896	Pex13	-0.007	-0.169	-0.535	0.206	
0.397 2.01E-02						
ENSRNOG00000018604	Tufm	-0.204	-0.173	-0.476	0.209	
0.443 2.01E-02						
ENSRNOG000000043094	Oxct1	-0.374	-0.571	-0.985	0.398	
0.942 2.01E-02						
ENSRNOG000000004107	Rpl23	0.128 0.059	0.424 -0.081	-0.397		
2.02E-02						
ENSRNOG000000056325	Mocs2	0.143 -0.383	-0.782	0.224 0.516		
2.02E-02						
ENSRNOG000000056714	Sla	0.130 0.357	0.889 -0.358	-0.712		
2.03E-02						
ENSRNOG000000021005	Mrpl16	-0.049	-0.332	-0.531		
0.284 0.487 2.04E-02						
ENSRNOG000000000281	Prodh	-0.140	-0.622	-0.936	0.421	
1.028 2.04E-02						
ENSRNOG00000012944	Casp9	-0.193	0.170 0.430	-0.309	-0.415	
2.04E-02						
ENSRNOG00000013934	St5	-0.332	0.303 0.656	-0.376	-0.493	
2.04E-02						
ENSRNOG000000023485	Ushbp1	-0.207	-0.223	-0.303		
0.224 0.521 2.04E-02						
ENSRNOG00000012645	Mecom	-0.209	-0.141	-0.283	0.195	
0.477 2.05E-02						
ENSRNOG00000015495	Slc25a37	-0.174	0.348 0.759	-0.580	-	
0.638 2.05E-02						

ENSRNOG00000009785	Cdkn3	0.523	1.040	1.828	-1.125	-1.849
2.07E-02						
ENSRNOG00000059878	Rad51ap1	0.124	0.193	0.479	-0.307	-0.717
2.08E-02						
ENSRNOG00000026842	Nnt	-0.604	-0.227	-0.496	0.207	
0.735	2.08E-02					
ENSRNOG00000027900	Glt6d1	0.881	0.299	0.844	-0.982	-1.695
2.08E-02						
ENSRNOG00000009719	C2cd21	-0.012	-0.176	-0.401		
0.186	0.390	2.08E-02				
ENSRNOG00000007859	Cep83	0.048	-0.339	-0.351	0.192	0.289
2.08E-02						
ENSRNOG00000001044	Aimp2	0.020	-0.240	-0.622	0.219	0.347
2.08E-02						
ENSRNOG00000014522	Mlycd	-0.378	-0.278	-0.189	0.173	
0.608	2.09E-02					
ENSRNOG00000046330	Rnf130	0.201	-0.146	-0.328	0.227	
0.284	2.09E-02					
ENSRNOG00000042592	Rgs10	0.015	0.233	0.959	-0.056	-0.545
2.09E-02						
ENSRNOG00000029449	Ror1	0.021	-0.168	0.480	-0.327	-0.622
2.09E-02						
ENSRNOG00000016405	Pcsk4	-0.259	-0.062	-0.543	0.116	
0.749	2.09E-02					
ENSRNOG00000014963	Adgrg1	-0.125	-0.307	-0.501		
0.241	0.621	2.09E-02				
ENSRNOG00000012393	Sl00a13	0.072	0.270	0.485	-0.394	-0.506
2.09E-02						
ENSRNOG00000053026	Shcbp1	-0.247	-0.176	1.318	-0.374	
-1.831	2.10E-02					
ENSRNOG00000003897	Colla1	0.919	0.257	0.946	-0.912	-1.304
2.11E-02						
ENSRNOG00000054017	Hist1h4b	0.287	0.318	0.620	-0.320	-0.644
2.12E-02						
ENSRNOG00000002216	Srd5a3	0.127	0.207	0.381	-0.273	-0.314
2.14E-02						
ENSRNOG00000054689	Cox7b	-0.157	-0.360	-0.640	0.294	
0.597	2.14E-02					
ENSRNOG00000057153	Pla1a	0.454	0.200	0.525	-0.224	-0.431
2.14E-02						
ENSRNOG00000019745	Actn3	0.727	-0.289	-1.418	0.350	0.970
2.14E-02						
ENSRNOG00000010838	Araf	0.089	-0.167	-0.329	0.121	0.281
2.15E-02						
ENSRNOG00000015150	Spg7	-0.244	-0.073	-0.415	0.061	
0.363	2.15E-02					
ENSRNOG00000021292	AABR07028027.1	-0.014	0.087	0.394	-0.079	
-0.267	2.15E-02					
ENSRNOG00000003594	Tmem183a	0.080	0.073	0.326	-0.152	-0.352
2.15E-02						
ENSRNOG00000001385	Plbd2	0.131	0.457	0.538	-0.414	-0.411
2.15E-02						
ENSRNOG00000020657	Shc1	-0.056	0.240	0.489	-0.180	-0.281
2.15E-02						

ENSRNOG00000017621 2.16E-02	Spns1	0.274	-0.066	-0.620	0.251	0.484	
ENSRNOG00000006868 2.16E-02	Ube2z	-0.080	0.109	0.380	-0.157	-0.276	
ENSRNOG00000006557 0.676 2.16E-02	Cyfip2	-0.039	0.233	0.835	-0.320		-
ENSRNOG00000004686 2.17E-02	Spop	0.236	-0.220	-0.574	0.113	0.293	
ENSRNOG000000053285 0.485 2.18E-02	Mltt6	-0.105	-0.105	-0.399	0.204		
ENSRNOG00000010843 2.18E-02	Nhlrc3	0.066	0.274	0.524	-0.352	-0.414	
ENSRNOG00000014742 0.470 2.18E-02	Ankrd13b	-0.175	0.024	-0.423	-0.049		
ENSRNOG00000019662 0.672 2.19E-02	Tm6sf1	-0.279	0.114	0.982	-0.130		-
ENSRNOG000000024879 0.389 2.19E-02	Polrmt	-0.012	0.014	-0.371	0.077		
ENSRNOG000000054251 1.178 2.19E-02	Clec7a	-0.203	0.895	2.029	-0.067		-
ENSRNOG00000013505 0.357 2.19E-02	Vdac2	-0.005	-0.166	-0.460	0.182		
ENSRNOG00000018366 2.19E-02	RGD1310819	0.198	2.137	3.033	-1.888	-2.693	
ENSRNOG000000046231 0.557 2.20E-02	Cacna1s	0.424	-0.305	-1.005	0.238		
ENSRNOG00000017481 0.148 0.481 2.21E-02	Sucla2	-0.161	-0.292	-0.626			
ENSRNOG00000018502 2.21E-02	Mon1a	0.043	-0.059	-0.377	0.131	0.374	
ENSRNOG000000048321 2.22E-02	Tnfsf8	1.480	1.160	1.699	-1.653	-1.687	
ENSRNOG00000017577 0.650 2.22E-02	Bph1	-0.105	-0.674	-0.734	0.595		
ENSRNOG000000037238 0.107 0.464 2.22E-02	Rnmtl1	-0.341	-0.121	-0.377			
ENSRNOG00000015177 2.22E-02	Sun2	0.085	-0.015	-0.388	0.182	0.362	
ENSRNOG00000017419 0.197 0.325 2.22E-02	Map3k4	-0.059	-0.178	-0.404			
ENSRNOG00000001834 2.22E-02	Mzt2b	0.130	-0.180	-0.381	0.165	0.309	
ENSRNOG000000003890 2.22E-02	Nap1l1	0.021	0.178	0.663	-0.180	-0.436	
ENSRNOG000000022953 0.961 2.22E-02	Ccdc163	-0.065	0.136	0.827	-0.496		-
ENSRNOG000000033815 2.22E-02	AC142181.1	0.282	0.604	2.041	-0.226	-1.494	
ENSRNOG000000004706 1.242 2.22E-02	Vit	-0.044	-0.743	-0.693	0.967		
ENSRNOG000000027228 0.954 2.22E-02	Mogat2	0.027	-0.223	-1.171	0.188		
ENSRNOG000000004078 2.22E-02	Eno3	0.171	-0.281	-1.258	0.298	0.772	

ENSRNOG00000013048 2.22E-02	Pde7a	0.061	1.015	1.260	-0.540	-0.863	
ENSRNOG00000006615 2.22E-02	Mtap	0.143	0.009	0.238	-0.056	-0.363	
ENSRNOG00000013967 2.22E-02	Blnk	-0.491		0.570	1.746	-0.351	-1.180
ENSRNOG00000002823 2.23E-02	Mapk9	0.084	-0.177		-0.478	0.109	0.331
ENSRNOG000000052289 0.263 2.24E-02	Ptdss1		0.048	-0.021		0.172	-0.123 -
ENSRNOG00000016891 2.24E-02	Uimc1	0.096	0.145	0.354	-0.107	-0.341	
ENSRNOG00000014987 2.24E-02	Mdfi	0.192	0.149	1.163	-0.636	-1.302	
ENSRNOG00000019306 2.26E-02	Syt12	-0.016		0.538	2.542	-0.821	-2.516
ENSRNOG00000002459 0.445 2.26E-02	Fbxo40		0.159	0.084	-0.599	-0.051	
ENSRNOG000000060141 0.490 2.27E-02	Epdr1	-0.467		-0.327		-0.592	0.215
ENSRNOG00000008046 2.27E-02	Tmem30b		0.417	0.079	1.507	-0.888	-2.275
ENSRNOG00000016029 2.27E-02	Rb1	0.116	0.260	0.531	-0.344	-0.497	
ENSRNOG00000045655 0.880 2.28E-02	LOC100911774			0.200	0.426	0.726	-0.403 -
ENSRNOG00000009538 0.563 2.29E-02	Etfdh	-0.404		-0.349		-0.383	0.171
ENSRNOG00000015142 0.198 0.463 2.29E-02	Timm21		-0.122		-0.216	-0.435	
ENSRNOG00000011158 0.060 0.232 2.29E-02	Ppp2r2a		-0.115		-0.067	-0.234	
ENSRNOG00000010011 0.949 2.29E-02	Osbpl3		-0.506		0.785	1.231	-0.963 -
ENSRNOG00000013437 0.529 1.275 2.30E-02	LOC691083		-0.011		-0.616	-1.764	
ENSRNOG00000021380 2.30E-02	Fads6	-0.103		0.101	-0.432	0.126	0.544
ENSRNOG00000010309 2.30E-02	Nfyb	0.065	-0.179		-0.478	0.068	0.359
ENSRNOG00000009112 2.30E-02	Pon2	-0.030		0.030	0.404	-0.272	-0.405
ENSRNOG00000027730 0.597 2.31E-02	Nxpe1	-0.121		-0.287		-0.456	0.308
ENSRNOG00000018400	Golm1	0.115	0.059	-0.520		0.278	0.798 2.32E-02
ENSRNOG00000002959 0.123 0.545 2.32E-02	Shroom4		-0.116		-0.249	-0.470	
ENSRNOG00000033639 0.351 2.32E-02	Zfp777		0.061	-0.110		-0.535	0.184
ENSRNOG00000024429 2.32E-02	Peg12	0.755	0.483	1.199	-0.987	-1.430	
ENSRNOG00000057125 2.33E-02	Ddr1	-0.010		0.472	0.766	-0.446	-0.576

ENSRNOG00000014383	AABR07070456.1	0.095	-0.280	-1.090	
0.511 0.883 2.33E-02					
ENSRNOG00000020060	Atf5	0.063	-0.082	-0.329	0.186 0.560
2.33E-02					
ENSRNOG00000007230	Kank3	-0.230	-0.270	-0.357	0.395
0.557 2.33E-02					
ENSRNOG00000009222	Epha2	0.031 0.071	-0.204	0.120 0.525	2.33E-02
ENSRNOG00000048095	RGD1564801	0.025 0.065	0.497 0.083	-0.530	
2.33E-02					
ENSRNOG00000016475	Nt5c3b	-0.170	0.189 0.579	-0.162	-
0.468 2.33E-02					
ENSRNOG00000010719	Exosc10	-0.075	-0.028	-0.169	
0.093 0.240 2.33E-02					
ENSRNOG00000000451	RT1-Ba	0.281 0.654	0.991 -0.671	-0.849	
2.33E-02					
ENSRNOG00000029178	Abcc5	-0.148	-0.046	-0.649	0.133
0.476 2.34E-02					
ENSRNOG00000015810	Trip13	0.523 0.598	1.307 -1.081	-1.720	
2.34E-02					
ENSRNOG00000032885	Cycs	-0.053	-0.452	-0.917	0.230
0.602 2.34E-02					
ENSRNOG00000000893	Tmem248	0.376 -0.250	-0.763	0.246	
0.462 2.36E-02					
ENSRNOG00000030416	Zfp870	0.000 -0.225	-0.674	0.187	
0.465 2.36E-02					
ENSRNOG00000023086	Arpp19	-0.098	0.490 1.065	-0.577	-
0.861 2.37E-02					
ENSRNOG00000017826	Mtrr	0.057 -0.108	-0.286	0.040 0.252	
2.38E-02					
ENSRNOG00000028753	B9d2	-0.098	0.332 0.654	-0.265	-0.447
2.38E-02					
ENSRNOG00000020995	Fut1	0.125 0.479	0.587 -0.892	-1.421	
2.38E-02					
ENSRNOG00000017235	Atp6v0d1	0.123 0.095	0.214 -0.070	-0.218	
2.38E-02					
ENSRNOG00000009000	Foxj2	-0.131	-0.046	-0.371	0.057
0.337 2.39E-02					
ENSRNOG00000027455	RGD1564804	0.067 0.041	0.447 -0.021	-0.436	
2.39E-02					
ENSRNOG00000031641	Rpl35a	1.130 0.602	1.123 -2.044	-1.848	
2.39E-02					
ENSRNOG00000051401	AABR07049156.1	-0.464	2.178 3.405	-1.611	
-2.725 2.39E-02					
ENSRNOG00000017883	Camsap1	-0.010	-0.108	-0.406	
0.191 0.323 2.40E-02					
ENSRNOG00000008569	Ndufa6	-0.066	-0.305	-0.524	
0.293 0.460 2.40E-02					
ENSRNOG00000019940	Ssr2	0.186 0.019	0.232 -0.064	-0.307	
2.40E-02					
ENSRNOG00000025370	Zfp385c	-0.123	0.443 1.495	-0.286	-
1.477 2.40E-02					
ENSRNOG00000020299	Klc2	-0.041	-0.094	-0.432	0.161
0.291 2.41E-02					

ENSRNOG00000004189 2.41E-02	Helb	-0.096	0.264	0.535	-0.404	-0.521
ENSRNOG00000011654 2.41E-02	Plk4	0.225	0.857	1.307	-0.953	-1.129
ENSRNOG00000020086 0.243 2.41E-02	Aar2	-0.097	-0.085	-0.182	0.147	
ENSRNOG00000010119 2.41E-02	Zmat3	-0.040	0.079	0.554	-0.399	-0.563
ENSRNOG00000008830 2.41E-02	Nfe2l1	0.084	0.563	0.573	-0.457	-0.435
ENSRNOG00000008218 2.41E-02	Atp6v0e2	0.120	0.233	0.257	-0.127	-0.290
ENSRNOG00000019283 2.42E-02	P2ry2	0.035	-0.288	-0.588	0.210	0.515
ENSRNOG00000003689 2.42E-02	Nono	-0.005	0.070	0.292	-0.062	-0.210
ENSRNOG00000004773 2.42E-02	Yaf2	0.121	-0.241	-0.536	0.143	0.307
ENSRNOG00000012292 2.42E-02	Alg8	-0.012	0.338	0.496	-0.371	-0.506
ENSRNOG000000055642 2.43E-02	AC107096.1	0.262	0.608	1.999	-1.119	-2.522
ENSRNOG000000025252 0.412 2.43E-02	Yars2	-0.084	-0.337	-0.590	0.185	
ENSRNOG000000023397 0.368 0.709 2.43E-02	LOC102552732	-0.099	0.137	-0.158		
ENSRNOG000000002572 2.44E-02	Cacybp	0.214	0.014	0.206	-0.147	-0.401
ENSRNOG000000003127 0.101 0.375 2.44E-02	Spryd4	-0.150	-0.162	-0.346		
ENSRNOG000000020280 2.45E-02	Armc6	0.064	0.048	0.174	-0.089	-0.405
ENSRNOG000000032472 0.420 0.911 2.46E-02	Adgrg2	-0.535	-0.132	-0.106		
ENSRNOG000000058249 2.46E-02	Pgk1	0.210	-0.261	-1.076	0.233	0.618
ENSRNOG000000000860 0.580 2.46E-02	Vwa7	-0.278	-0.191	-0.755	0.043	
ENSRNOG000000008546 0.168 0.372 2.46E-02	Mrpl35	-0.119	-0.206	-0.452		
ENSRNOG000000002240 2.46E-02	Dirc2	0.149	-0.186	-0.475	0.153	0.369
ENSRNOG000000000464 0.310 2.46E-02	Rxrb	-0.013	-0.071	-0.351	0.127	
ENSRNOG00000014080 2.47E-02	Kif23	0.023	0.407	1.587	-0.345	-1.493
ENSRNOG00000018886 2.47E-02	Aaed1	0.155	-0.242	-0.552	0.216	0.362
ENSRNOG000000009535 0.191 0.327 2.47E-02	Stoml2	-0.057	-0.141	-0.363		
ENSRNOG000000028585 2.47E-02	Tceal8	0.229	0.089	0.359	-0.233	-0.406
ENSRNOG00000001134 2.47E-02	Rfc5	0.294	0.330	0.504	-0.317	-0.450

ENSRNOG00000036921 2.48E-02	Tmsb10	0.129	0.241	1.192	-0.227	-0.890
ENSRNOG00000025184 2.48E-02	Prss35	0.784	1.612	2.876	-1.871	-2.286
ENSRNOG00000049560 2.48E-02	Glul	0.614	-0.127	-0.569	0.324	0.723
ENSRNOG00000018522 0.603 2.48E-02	Echs1	-0.020	-0.263	-0.558	0.181	
ENSRNOG00000016690 2.48E-02	Idi1	-0.022	0.326	0.409	-0.415	-0.460
ENSRNOG00000009325 2.48E-02	Fuca1	0.245	0.406	0.895	-0.453	-0.552
ENSRNOG00000000853 2.48E-02	Aif1	0.149	0.367	0.870	-0.237	-0.640
ENSRNOG00000001704 2.48E-02	Runx1	-0.549	2.189	2.974	-1.653	-1.552
ENSRNOG00000009364 0.264 0.540 2.48E-02	Ndufb9	-0.159	-0.326	-0.683		
ENSRNOG00000010452 0.699 2.48E-02	Cycs	-0.050	-0.485	-0.924	0.286	
ENSRNOG00000023919 0.424 2.48E-02	Gbas	-0.087	-0.203	-0.642	0.137	
ENSRNOG00000016795 2.48E-02	Rab16	0.183	-0.222	-0.517	0.227	0.318
ENSRNOG00000002711 2.49E-02	Nuf2	0.082	0.723	1.369	-0.780	-1.633
ENSRNOG00000019627 0.953 2.49E-02	Mybpc2	0.351	-0.186	-1.484	0.266	
ENSRNOG00000005009 2.50E-02	Zfp3	0.259	-0.303	-0.729	0.235	0.444
ENSRNOG00000024221 0.555 1.520 2.50E-02	Mettl24	-1.108	-0.543	-0.761		
ENSRNOG00000018932 0.471 2.50E-02	Ccdc124	0.195	-0.161	-0.645	0.272	
ENSRNOG00000012830 2.50E-02	Paqr8	-0.296	0.258	1.581	-0.146	-1.432
ENSRNOG00000005301 0.177 0.313 2.51E-02	Eif2b4	-0.076	-0.188	-0.448		
ENSRNOG000000057133 1.133 1.696 2.51E-02	AABR07034455.2	-0.069	-1.238	-2.405		
ENSRNOG000000032856 0.627 1.608 2.51E-02	Tssklb	-0.945	-0.714	-0.793		
ENSRNOG000000022748 0.232 0.481 2.51E-02	Tmem126a	-0.061	-0.428	-0.677		
ENSRNOG00000017037 2.52E-02	Otud3	0.045	-0.124	-0.732	0.159	0.558
ENSRNOG00000024629 0.542 2.52E-02	Hadha	-0.520	-0.286	-0.256	0.227	
ENSRNOG000000055295 0.505 2.52E-02	Pecr	-0.122	-0.332	-0.829	0.354	
ENSRNOG00000009545 0.412 2.52E-02	Polr1a	-0.056	0.322	0.584	-0.431	-
ENSRNOG00000017741 2.52E-02	Nudt5	-0.078	0.350	0.819	-0.190	-0.509

ENSRNOG00000010438	Cpt1b	-0.380	-0.067	-0.210	0.028		
0.422 2.52E-02							
ENSRNOG00000017172	Mvb12b	0.305	-0.274	-0.855	0.297		
0.499 2.53E-02							
ENSRNOG00000002935	Ankrd40	0.005	-0.179	-0.513	0.141		
0.317 2.53E-02							
ENSRNOG000000036576	Zdhhc6	-0.022	0.034	0.332	0.007	-0.318	
2.53E-02							
ENSRNOG000000010326	Col20a1	0.465	0.573	0.800	-1.000	-0.982	
2.53E-02							
ENSRNOG000000018113	Anlnl1	0.353	0.694	1.943	-0.818	-1.747	
2.53E-02							
ENSRNOG000000048256	Fam160a1	0.125	-0.217	-0.986	0.040		
0.602 2.54E-02							
ENSRNOG000000016301	Dmrt2	-0.277	-0.618	-1.013	0.156		
0.531 2.54E-02							
ENSRNOG000000033057	Gapdh-ps2	0.377	-0.403	-1.113	0.187		
0.766 2.54E-02							
ENSRNOG000000042740	Mrpl42	0.073	-0.443	-0.807	0.317		
0.490 2.55E-02							
ENSRNOG000000001088	Rfc3	0.102	-0.001	0.288	-0.102	-0.461	
2.56E-02							
ENSRNOG000000009495	Src	0.004	0.274	0.992	0.110	-0.628	2.57E-02
ENSRNOG000000014571	Dbnidd2	0.323	-0.142	-0.563	0.227		
0.447 2.57E-02							
ENSRNOG000000009912	Fgr	0.142	0.836	1.263	-0.631	-0.799	
2.58E-02							
ENSRNOG000000058472	AABR07049292.1	0.030	0.178	-0.330	0.458		
0.820 2.61E-02							
ENSRNOG000000003749	Xk	0.231	-0.267	-0.567	0.230	0.395	
2.61E-02							
ENSRNOG000000047247	Ptprs	0.061	-0.262	-0.795	0.241	0.491	
2.61E-02							
ENSRNOG000000052247	Manba	0.204	0.360	0.630	-0.239	-0.500	
2.61E-02							
ENSRNOG000000004011	Nedd1	0.043	0.042	-0.556	0.125	0.451	2.61E-02
ENSRNOG000000045749	LOC100361879	-0.047	-0.322	-0.685			
0.403 0.651 2.62E-02							
ENSRNOG000000010274	Smc4	0.284	-0.416	-0.073	-0.211	-	
0.557 2.62E-02							
ENSRNOG000000026649	Dnmt3a	0.196	-0.406	-0.851	0.348		
0.532 2.62E-02							
ENSRNOG000000017912	Atp2a3	-0.089	-0.078	-0.274			
0.068 0.440 2.62E-02							
ENSRNOG000000005695	Mgp	-0.354	0.349	1.255	-0.437	-0.773	
2.62E-02							
ENSRNOG000000007637	Acer2	-0.190	-0.136	-0.244	0.433		
0.791 2.63E-02							
ENSRNOG000000002373	Akap1	-0.226	-0.274	-0.605	0.162		
0.466 2.63E-02							
ENSRNOG000000052840	Tanc2	-0.058	0.225	0.647	-0.465	-0.669	
2.64E-02							

ENSRNOG00000013783	Efhd2	-0.015	0.331	0.864	-0.164	-0.490
2.64E-02						
ENSRNOG00000058324	AC098750.5	-0.161		-0.328		-0.590
0.346	0.598	2.66E-02				
ENSRNOG00000012502	Stk17b	0.040	-0.139		0.518	-0.061
0.566	2.67E-02					-
ENSRNOG00000008639	Pabpc1	0.011	0.265	0.787	-0.294	-0.430
2.67E-02						
ENSRNOG00000007540	Msc	-0.125	0.706	1.444	-0.798	-1.142
2.68E-02						
ENSRNOG00000001847	Ccdc91	0.201	-0.184		-0.771	0.148
0.482	2.68E-02					
ENSRNOG00000002112	Zfp644	-0.154		-0.152		-0.295
0.186	0.329	2.68E-02				
ENSRNOG00000018509	Cx3cr1	0.055	0.450	1.553	-0.580	-1.657
2.68E-02						
ENSRNOG00000003837	Mif4gd	-0.045		-0.149		-0.470
0.247	0.431	2.69E-02				
ENSRNOG00000005061	Dlst	-0.272		-0.193		-0.504
0.430	2.69E-02					0.123
ENSRNOG00000046832	LOC100363642		0.053	-0.286		-0.436
0.228	0.284	2.71E-02				
ENSRNOG00000017737	Dgkz	-0.071		-0.047		-0.411
0.534	2.71E-02					0.210
ENSRNOG00000012685	Adck1	0.035	-0.188		-0.551	0.131
2.71E-02						0.390
ENSRNOG00000015134	Map3k12	-0.044		-0.122		-0.313
0.163	0.296	2.71E-02				
ENSRNOG00000029995	Herpud2	0.126	-0.131		-0.292	0.132
0.237	2.73E-02					
ENSRNOG00000005130	Ogdh	-0.163		-0.152		-0.678
0.575	2.74E-02					0.068
ENSRNOG00000017259	Tacc3	-0.039		0.304	0.836	-0.395
2.74E-02						-0.624
ENSRNOG00000010711	Dicer1	0.063	-0.175		-0.490	0.104
0.351	2.74E-02					
ENSRNOG00000028047	Mecr	-0.139		-0.187		-0.576
0.506	2.74E-02					0.190
ENSRNOG00000016460	Clu	0.274	0.006	-0.067		0.341
					0.456	2.74E-02
ENSRNOG00000026928	AABR07008097.1		0.176	-0.218		-1.084
0.282	0.645	2.75E-02				
ENSRNOG00000018126	Abca1	0.254	0.526	1.214	-0.284	-0.768
2.75E-02						
ENSRNOG00000010375	Slc39a2	0.293	1.029	2.266	-1.297	-2.040
2.76E-02						
ENSRNOG00000011981	Slc39a13	0.131	0.120	0.124	-0.095	-0.291
2.76E-02						
ENSRNOG00000048088	Mest	0.025	0.213	1.272	-0.325	-1.140
2.77E-02						
ENSRNOG00000037658	Gprasp2	0.059	0.004	0.762	0.133	-0.639
2.77E-02						
ENSRNOG00000016249	Cep85	-0.078		-0.103		-0.412
0.300	2.78E-02					0.103

ENSRNOG00000024365	Ect2	-0.271	0.384	1.633	0.221	-1.831	
2.78E-02							
ENSRNOG00000031335	Ankrd37	0.026	-0.716		-0.688	0.642	
0.903							2.79E-02
ENSRNOG00000006364	Dld	-0.204	-0.360		-0.574	0.195	
0.479							2.79E-02
ENSRNOG00000000858	Sapcd1	-0.277	-0.364		-0.622		
0.291							2.79E-02
ENSRNOG00000009713	Oxa11	-0.155	-0.154		-0.357	0.151	
0.326							2.79E-02
ENSRNOG00000047321	Hba2	-0.742	-0.519		-1.032	0.567	
1.024							2.79E-02
ENSRNOG00000011952	Samm50	-0.057	-0.206		-0.574		
0.169							2.79E-02
ENSRNOG00000014727	Fahd1	-0.268	-0.302		-0.504	0.148	
0.473							2.79E-02
ENSRNOG00000016888	Pask	0.051	0.334	1.164	-1.041	-1.466	
2.79E-02							
ENSRNOG00000046168	Ppm11	0.083	-0.187		-0.849	0.155	0.522
2.80E-02							
ENSRNOG00000025155	Lmtk2	0.043	-0.018		-0.487	0.045	0.427
2.80E-02							
ENSRNOG00000004668	Slc25a35	0.158	-0.182		-0.374	0.243	
0.404							2.80E-02
ENSRNOG00000008256	Mrpl38	-0.119	-0.156		-0.496		
0.210							2.80E-02
ENSRNOG00000016214	Ag1	0.108	-0.276		-1.207	0.212	0.764
2.80E-02							
ENSRNOG00000015603	Prkce	-0.002	-0.047		-0.758	0.071	
0.656							2.81E-02
ENSRNOG00000020541	Nprl3	0.117	0.028	-0.400	0.174	0.403	2.82E-02
ENSRNOG00000014811	Cyhr1	0.079	-0.150		-0.575	0.213	0.339
2.82E-02							
ENSRNOG00000012864	Ern1	0.028	0.051	-0.395	0.063	0.345	2.84E-02
ENSRNOG00000029980	Zbtb16	-0.190	-0.383		-0.911		
0.252							2.84E-02
ENSRNOG00000005568	Pcnxl4	-0.272	-0.067		-0.363		
0.027							2.84E-02
ENSRNOG00000019024	Trim67	-0.618	0.595	-1.335		-0.232	
2.635							2.84E-02
ENSRNOG00000047393	Krt18	-0.793	5.346	7.621	-4.023	-4.400	
2.84E-02							
ENSRNOG00000029886	Hba1	-0.768	-0.580		-1.049	0.581	
1.026							2.86E-02
ENSRNOG00000017307	Prss23	0.000	0.227	0.350	-0.238	-0.311	
2.86E-02							
ENSRNOG00000011831	Nudt18	0.371	0.254	0.194	-0.125	-0.483	
2.86E-02							
ENSRNOG00000005762	Rab22a	0.179	-0.216		-0.466	0.162	
0.245							2.88E-02
ENSRNOG00000025349	Maneal	0.267	0.103	-0.295	0.777	1.111	
2.88E-02							

ENSRNOG00000002187 2.840 2.88E-02	Ropn1	-2.261	-1.422	-2.283	1.675	
ENSRNOG000000060703 2.135 2.88E-02	Troap	-0.008	-0.006	1.460	-0.240	-
ENSRNOG000000051471 1.327 2.89E-02	AABR07063346.1	0.566	1.309	1.457	-1.749	-
ENSRNOG000000015858 0.963 2.89E-02	Hyal1	-0.411	-0.530	-1.039	0.286	
ENSRNOG000000009205 0.393 2.89E-02	Lmo4	-0.037	-0.082	-0.406	0.267	
ENSRNOG000000001544 0.580 2.89E-02	Cyyr1	-0.045	-0.262	-0.478	0.229	
ENSRNOG000000018288 0.289 2.90E-02	Ncoa6	-0.011	-0.055	-0.295	0.117	
ENSRNOG000000031706 0.253 0.579 2.90E-02	AABR07027388.1	0.242	-0.290	-1.126		
ENSRNOG000000007805 2.90E-02	Mybl2	-0.101	0.932	1.773	-1.502	-1.711
ENSRNOG000000006086 2.90E-02	Lynx1	0.031	-0.422	-1.311	0.205	0.637
ENSRNOG000000013742 0.621 2.90E-02	Large	-0.513	-0.086	-0.391	-0.013	
ENSRNOG000000006326 2.91E-02	Atraid	0.073	0.004	0.210	-0.049	-0.307
ENSRNOG000000006763 0.205 2.92E-02	Rbm18	-0.011	-0.078	-0.224	0.041	
ENSRNOG000000023850 2.92E-02	Tbrg1	0.216	0.166	0.321	-0.258	-0.337
ENSRNOG000000016617 2.92E-02	Wwtr1	0.049	0.406	0.551	-0.523	-0.498
ENSRNOG000000040300 2.93E-02	Raet1c	0.189	0.158	-0.583	0.240	1.403
ENSRNOG000000018611 0.645 2.93E-02	Tpsb2	-0.157	-0.084	-0.004	0.493	
ENSRNOG000000000661 0.368 2.93E-02	Hps4	-0.084	-0.171	-0.487	0.125	
ENSRNOG000000028255 2.93E-02	Usp36	-0.026	0.018	-0.309	0.006	0.304
ENSRNOG000000015109 2.93E-02	Ubxn8	-0.132	0.312	0.673	-0.338	-0.520
ENSRNOG000000016348 2.247 2.93E-02	Tat	-1.298	-1.480	-1.600	1.496	
ENSRNOG000000015357 2.93E-02	Bmper	0.349	0.087	0.219	-0.133	-0.524
ENSRNOG000000032948 2.94E-02	Tyk2	-0.066	0.269	0.458	-0.126	-0.259
ENSRNOG000000047322 2.94E-02	Crb3	0.095	-0.411	-1.128	0.389	0.665
ENSRNOG000000018057 0.330 2.94E-02	Mrpl2	-0.098	-0.152	-0.448	0.151	
ENSRNOG000000002496 2.557 2.94E-02	Stxbp5l	-0.917	1.823	3.423	-1.666	-
ENSRNOG000000013669 0.307 2.95E-02	Pik3r4	-0.054	0.191	0.332	-0.222	-

ENSRNOG00000002778	Aatf	0.029	0.101	0.417	-0.113	-0.381	
2.95E-02							
ENSRNOG00000050669	LOC100911515			0.096	-0.481	-1.112	
0.450	0.779	2.96E-02					
ENSRNOG00000031769	Chchd7		-0.127		-0.300	-0.423	
0.295	0.475	2.96E-02					
ENSRNOG00000016311	Slc6a2		0.540	-0.114		-1.196	0.500
1.276	2.97E-02						
ENSRNOG00000017495	Klhdc3		0.287	-0.399		-0.840	0.295
0.492	2.97E-02						
ENSRNOG00000055667	AC119111.1	-0.006		0.320	0.869	-0.522	-
1.184	2.97E-02						
ENSRNOG00000031127	Snrpe	0.168	0.054	0.366	-0.115	-0.393	
2.97E-02							
ENSRNOG00000033262	Reep6	-0.344		0.158	-0.417	0.162	0.759
2.97E-02							
ENSRNOG00000007500	Top1mt		-0.112		-0.261	-0.667	
0.244	0.413	2.97E-02					
ENSRNOG00000046150	AABR07008805.1		-0.143		-0.086	-0.401	
0.381	0.632	2.98E-02					
ENSRNOG00000016923	Clptm1l		-0.008		0.051	0.292	-0.057
0.232	2.98E-02						-
ENSRNOG00000016358	Apba2	-0.653		-0.155		-0.774	0.070
1.746	2.98E-02						
ENSRNOG00000023803	Cmya5	0.267	-0.267		-1.061	0.171	0.718
2.98E-02							
ENSRNOG00000025689	Abhd1	-0.151		-0.018		-0.055	0.169
0.464	2.98E-02						
ENSRNOG00000058096	AABR07021704.1		-0.260		-0.173	-0.759	
-0.122	0.695	3.00E-02					
ENSRNOG00000057661	AABR07029863.2		-0.173		-0.380	-0.765	
0.506	0.630	3.01E-02					
ENSRNOG00000057701	Myom1	-0.113		-0.024		-0.564	0.081
0.452	3.01E-02						
ENSRNOG00000007405	Krba1	-0.407		-0.140		-0.339	0.157
0.366	3.01E-02						
ENSRNOG00000042492	Rfwd2	0.235	-0.263		-0.599	0.163	0.337
3.01E-02							
ENSRNOG00000047023	Aldh1l1		-0.026		0.163	-0.314	-0.040
0.334	3.01E-02						
ENSRNOG00000029205	Zfp354c		0.143	0.001	0.334	0.011	-0.378
3.01E-02							
ENSRNOG00000020813	Ltbp3	0.183	0.149	0.217	-0.123	-0.385	
3.01E-02							
ENSRNOG00000007235	Atp5g1		-0.185		-0.369	-0.773	
0.289	0.614	3.02E-02					
ENSRNOG00000004457	RGD1560617		0.137	0.157	0.703	-0.239	-0.500
3.02E-02							
ENSRNOG00000018570	Clqtnf3		0.355	0.831	2.055	-1.191	-1.738
3.02E-02							
ENSRNOG00000012209	Cdadcl		0.175	-0.361		-0.582	0.233
0.410	3.02E-02						
ENSRNOG00000018179	Glt8d1		0.103	0.168	0.465	-0.296	-0.418
3.02E-02							

ENSRNOG00000019349	Sf3a2	-0.083	-0.032	-0.247	0.153	
0.325		3.18E-02				
ENSRNOG00000027901	Mrm1	-0.131	-0.033	-0.474	0.114	
0.484		3.18E-02				
ENSRNOG00000004404	Tac4	-0.176	2.825	4.996	-2.553	-3.498
3.18E-02						
ENSRNOG00000015026	Arhgef11	-0.076	-0.095	-0.372		
0.105		0.314	3.18E-02			
ENSRNOG00000019311	Nfkb2	-0.027	0.907	1.084	-0.602	-0.597
3.18E-02						
ENSRNOG00000014871	Zic4	1.780	1.854	1.747	-1.312	-2.219
3.19E-02						
ENSRNOG00000047235	Vps26b	-0.080	-0.094	-0.186		
0.153		0.170	3.19E-02			
ENSRNOG00000008843	Eci1	-0.258	-0.061	-0.123	0.132	
0.447		3.20E-02				
ENSRNOG00000040122	Myoz1	0.631	-0.281	-1.121	0.368	0.744
3.21E-02						
ENSRNOG00000013653	Pdlim7	0.078	-0.106	-0.858	0.194	
0.534		3.21E-02				
ENSRNOG00000001878	Klhl22	0.160	-0.070	-0.399	0.145	
0.332		3.21E-02				
ENSRNOG00000004681	Eny2	-0.098	0.139	0.658	-0.178	-0.465
3.21E-02						
ENSRNOG00000002831	Wfikkn2	-0.114	0.265	0.664	-0.313	-
0.759		3.21E-02				
ENSRNOG00000045637	Rnf14	-0.010	-0.130	-0.270	0.074	
0.259		3.21E-02				
ENSRNOG00000039076	LOC688452	-0.005	0.234	0.878	-0.197	-
0.607		3.22E-02				
ENSRNOG00000015982	Wnt11	-0.239	-0.329	-0.531	0.254	
0.568		3.23E-02				
ENSRNOG00000036692	Gcgr	-1.678	-0.839	-1.461	0.811	
1.486		3.24E-02				
ENSRNOG00000017405	Raly	-0.141	-0.068	-0.295	0.206	
0.319		3.24E-02				
ENSRNOG00000052365	3082ex4-5	0.045	-0.023	-0.338	0.211	
0.628		3.26E-02				
ENSRNOG00000060511	Tcap	0.330	-0.098	-0.630	0.193	0.531
3.26E-02						
ENSRNOG00000008246	Emilin1	-0.048	0.165	0.678	-0.064	-
0.502		3.26E-02				
ENSRNOG00000046261	Acp5	0.314	0.291	1.128	-0.419	-0.952
3.26E-02						
ENSRNOG00000003330	Acsf2	-0.334	0.062	-0.007	0.287	0.543
3.26E-02						
ENSRNOG00000043143	Eml1	0.047	-0.134	-0.860	0.195	0.503
3.28E-02						
ENSRNOG00000002232	Aff1	-0.086	-0.032	-0.657	0.095	
0.537		3.28E-02				
ENSRNOG00000021420	Tirap	0.140	-0.114	-0.377	0.057	0.429
3.28E-02						
ENSRNOG00000003835	Slc43a2	-0.035	0.518	0.775	-0.392	-
0.586		3.28E-02				

ENSRNOG00000013328	Rbpms	-0.230	-0.229	-0.185	0.443
0.541 3.29E-02					
ENSRNOG00000036659	Fn3k	0.548	-0.263	-1.217	0.335 0.742
3.29E-02					
ENSRNOG00000014065	Zfp653	-0.061	-0.089	-0.318	
0.231 0.376 3.29E-02					
ENSRNOG00000012204	LOC100294508	0.291	-0.102	-0.639	
0.123 0.374 3.29E-02					
ENSRNOG00000031827	Arih2	0.040	-0.095	-0.409	0.058 0.261
3.29E-02					
ENSRNOG00000033110	Svep1	0.260	0.215	0.704	-0.445 -0.751
3.29E-02					
ENSRNOG00000025383	LOC100365902	-0.166	-0.248	-0.559	
0.166 0.383 3.29E-02					
ENSRNOG00000002461	Nid1	-0.030	0.116	0.615	-0.287 -0.607
3.29E-02					
ENSRNOG00000059579	Gpt2	0.311	-0.356	-1.531	0.357 0.934
3.30E-02					
ENSRNOG00000018164	Spes2	0.254	-0.308	-0.507	0.254 0.290
3.30E-02					
ENSRNOG00000009183	Szrd1	0.059	-0.080	-0.379	0.078 0.258
3.32E-02					
ENSRNOG00000060846	Morc4	-0.037	0.170	0.522	-0.251 -0.435
3.32E-02					
ENSRNOG00000017609	Cnga4	0.889	1.178	1.532	-1.064 -1.674
3.32E-02					
ENSRNOG00000008451	Fut8	0.107	0.177	0.388	-0.122 -0.400
3.34E-02					
ENSRNOG00000000341	Nid2	0.088	0.024	0.210	-0.096 -0.559
3.34E-02					
ENSRNOG00000024809	Ntmt1	-0.227	-0.254	-0.586	0.206
0.410 3.34E-02					
ENSRNOG00000004333	Flywch1	-0.072	-0.045	-0.310	
0.132 0.360 3.35E-02					
ENSRNOG00000032788	Dysf	-0.063	0.376	0.460	-0.378 -0.374
3.35E-02					
ENSRNOG00000023465	LOC500300	-0.137	-0.777	-1.094	
0.673 0.907 3.35E-02					
ENSRNOG00000007097	Gpatch3	-0.077	-0.219	-0.443	
0.386 0.446 3.36E-02					
ENSRNOG00000012952	Lrig1	0.090	-0.217	-0.911	0.206 0.514
3.37E-02					
ENSRNOG00000010169	Atpaf1	-0.170	-0.361	-0.787	
0.184 0.493 3.37E-02					
ENSRNOG00000027480	Tmem116	-0.575	-0.223	-0.898	
0.112 0.873 3.37E-02					
ENSRNOG00000008279	Mrps15	0.142	-0.234	-0.610	0.238
0.379 3.37E-02					
ENSRNOG00000023923	Fastkd2	-0.035	-0.288	-0.531	
0.147 0.383 3.37E-02					
ENSRNOG00000021669	Mybl1	-0.095	0.338	0.875	-0.248 -0.617
3.37E-02					
ENSRNOG00000002734	AABR07042077.1	0.876	1.064	2.624	-1.306 -
2.107 3.38E-02					

ENSRNOG00000060087	Adralb	-1.528	2.443	3.892	-2.296	-
2.521						
3.38E-02						
ENSRNOG00000059698	Gpr141	-0.293	1.471	2.692	-1.578	-
1.862						
3.38E-02						
ENSRNOG00000025676	Fam198a	0.245	0.534	1.254	-0.240	-0.791
3.39E-02						
ENSRNOG00000052810	Cyp2c11	-1.325	-0.967		-1.736	
1.704						
2.340						
3.40E-02						
ENSRNOG00000001258	Snx8	-0.048	0.217	0.758	-0.089	-0.466
3.40E-02						
ENSRNOG00000025643	Ccdc13	0.059	-0.073	0.844	0.056	-1.772
3.41E-02						
ENSRNOG00000046443	Mthfsd	-0.049	-0.265		-0.645	
0.202						
0.483						
3.42E-02						
ENSRNOG00000002669	Cluh	-0.311	-0.144	-0.526		0.082
0.437						
3.43E-02						
ENSRNOG00000015242	Fbxl8	0.133	0.340	0.568	-0.455	-0.625
3.43E-02						
ENSRNOG000000051619	Asb2	-0.099	-0.261	-1.377		0.268
0.892						
3.44E-02						
ENSRNOG00000017321	Trub1	-0.149	-0.136	-0.444		0.139
0.376						
3.45E-02						
ENSRNOG00000017416	Ppic	0.216	0.183	1.044	-0.394	-0.845
3.45E-02						
ENSRNOG00000010096	Azi2	0.087	-0.110	-0.229	0.135	0.209
3.45E-02						
ENSRNOG00000029172	LOC100361944	-0.027	-0.303		-0.721	
0.336						
0.507						
3.45E-02						
ENSRNOG00000028711	Dgat1	-0.023	-0.094	-0.304		0.033
0.291						
3.45E-02						
ENSRNOG00000056559	AABR07034669.1	-0.014	0.269	0.614	-0.196	
-0.529						
3.45E-02						
ENSRNOG00000020835	Hipk4	0.068	0.228	-0.429	0.013	0.686
3.45E-02						
ENSRNOG00000007869	Wscd1	-0.168	-0.569	-0.608		0.190
0.643						
3.45E-02						
ENSRNOG00000002848	Maoa	-0.014	-0.137	-0.396		0.036
0.298						
3.45E-02						
ENSRNOG00000003946	Tor1aip1	0.190	-0.013	-0.315		0.061
0.293						
3.45E-02						
ENSRNOG00000008673	Arpc3	-0.088	0.181	0.517	-0.080	-0.320
3.45E-02						
ENSRNOG00000020903	Oraov1	0.447	0.347	0.241	-0.662	-0.436
3.45E-02						
ENSRNOG00000004273	Ifitm1	-0.160	0.435	1.678	-0.357	-
0.877						
3.45E-02						
ENSRNOG00000009348	Nos3	-0.192	-0.223	-0.380		0.312
0.527						
3.46E-02						
ENSRNOG00000003163	Sdhc	-0.188	-0.267	-0.638		0.204
0.464						
3.46E-02						
ENSRNOG00000040273	AABR07003017.1	0.196	0.080	0.529	-0.184	-
0.451						
3.47E-02						
ENSRNOG00000052296	Shank3	-0.242	-0.095		-0.414	
0.261						
0.579						
3.48E-02						

ENSRNOG00000047219 3.49E-02	Ube3b	0.051	-0.127	-0.552	0.078	0.355
ENSRNOG00000054854 3.49E-02	AC110387.1	0.190	0.061	0.472	-0.133	-0.565
ENSRNOG00000053061 0.325 3.51E-02	Ubl4a	-0.132	-0.207	-0.521	0.119	
ENSRNOG00000011253 0.270 1.109 3.51E-02	RGD1304810	-0.491	-0.627	-1.040		-
ENSRNOG00000005433 3.52E-02	Shq1	0.276	0.497	0.815	-0.691	-0.713
ENSRNOG00000012347 0.463 3.53E-02	Gata2	-0.079	-0.214	-0.276	0.299	
ENSRNOG00000008214 3.54E-02	Fbxo9	0.014	-0.126	-0.407	0.061	0.291
ENSRNOG00000015409 -0.370 3.54E-02	LOC100911959		-0.212	0.334	0.496	-0.352
ENSRNOG00000002273 3.54E-02	Naaa	-0.025	0.280	0.810	-0.164	-0.557
ENSRNOG00000020339 0.508 3.54E-02	Neur11	0.284	-0.133	-0.733	0.259	
ENSRNOG00000018650 3.54E-02	Ap3m2	0.110	0.399	0.348	-0.480	-0.452
ENSRNOG00000057991 3.002 3.56E-02	7SK	-1.005	-0.697	-3.474	1.104	
ENSRNOG00000004823 3.56E-02	Dock4	0.000	-0.320	-0.879	0.044	0.578
ENSRNOG00000010091 0.286 3.56E-02	Efcab14	0.149	-0.149	-0.443	0.040	
ENSRNOG00000024066 0.332 0.540 3.56E-02	Fundc2	-0.066	-0.135	-0.846		
ENSRNOG00000029535 3.56E-02	Nrbp2	-0.182	0.371	0.713	-0.438	-0.488
ENSRNOG00000061379 3.57E-02	C7	0.219	0.240	1.125	-0.438	-1.129
ENSRNOG00000013867 1.189 3.57E-02	Fgf1	-1.284	-0.446	-0.578	0.344	
ENSRNOG00000023381 0.203 0.570 3.57E-02	Proca1	-0.437	-0.226	-0.463		
ENSRNOG00000047928 -1.229 3.57E-02	AABR07048653.1		-0.268	0.332	1.489	-0.494
ENSRNOG00000042962 0.392 3.58E-02	Pdss2	-0.261	-0.225	-0.476	0.131	
ENSRNOG00000039388 3.58E-02	Prrt4	-0.771	3.372	4.152	-2.517	-2.575
ENSRNOG00000016827 0.298 0.506 3.58E-02	Slc38a3	-0.330	-0.284	-0.633		
ENSRNOG00000058987 3.58E-02	Rn60_20_0049.10	0.111	0.030	1.134	0.013	-1.292
ENSRNOG00000049918 0.644 3.59E-02	Lrg1	-0.103	-0.094	-0.286	0.190	
ENSRNOG00000004234 3.60E-02	Mgat2	0.085	0.102	0.550	-0.070	-0.352
ENSRNOG00000015902 1.276 3.61E-02	Cpxm2	-0.283	-0.351	-0.612	0.272	

ENSRNOG00000007136	Anxa7	0.158	0.279	0.621	-0.215	-0.427	
3.61E-02							
ENSRNOG00000010655	Mttp	0.011	0.247	0.590	0.006	-0.812	3.61E-02
ENSRNOG000000061857	Mgst2	-0.167		1.217	2.202	-1.052	-1.327
3.61E-02							
ENSRNOG000000037871	Sfxn5	0.113	-0.391		-1.563	0.310	0.879
3.62E-02							
ENSRNOG000000051615	Hmgn2	-0.324		0.286	0.753	-0.190	-0.513
3.62E-02							
ENSRNOG000000017523	H6pd	0.112	0.447	0.629	-0.447		-0.473
3.62E-02							
ENSRNOG000000010910	Gmeb1	0.039	-0.022		-0.130	0.065	0.232
3.62E-02							
ENSRNOG000000033615	Mt-nd3		-0.254		-0.396		-0.609
0.296		0.581	3.64E-02				
ENSRNOG000000037190	Cd101	-0.030		1.049	1.876	-0.628	-1.044
3.66E-02							
ENSRNOG000000019058	Gstm3	0.037	1.959	2.272	-1.693		-1.755
3.66E-02							
ENSRNOG000000061046	AABR07059632.3		-0.009		-0.158		-0.306
0.199		0.314	3.66E-02				
ENSRNOG000000000456	Psmb8	0.170	0.686	1.152	-0.303		-0.641
3.66E-02							
ENSRNOG000000016360	Gps2	0.344	-0.141		-0.458	0.201	0.384
3.66E-02							
ENSRNOG000000012081	Txn1	0.015	0.251	0.644	-0.276		-0.438
3.67E-02							
ENSRNOG000000001880	Dgcr6	0.166	-0.251		-0.834	0.325	0.553
3.67E-02							
ENSRNOG000000011020	Eif3l	0.006	0.125	0.351	-0.100		-0.249
3.67E-02							
ENSRNOG000000025075	Relt	-0.005		0.625	0.761	-0.712	-0.753
3.67E-02							
ENSRNOG000000027489	Mn1	0.449	-0.333		-1.205	0.181	0.924
3.68E-02							
ENSRNOG000000024376	Zfp111		0.076	-0.163		-0.400	0.258
0.299		3.69E-02					
ENSRNOG000000052725	RGD1566029		-0.147		0.240	0.758	-0.641
1.084		3.70E-02					-
ENSRNOG000000051605	SNORD86		-0.393		0.256	-0.389	0.211
1.402		3.70E-02					
ENSRNOG000000046918	Apoo	0.076	-0.341		-0.772	0.211	0.467
3.70E-02							
ENSRNOG000000002194	Coq2	-0.006		-0.150		-0.493	0.176
0.383		3.70E-02					
ENSRNOG000000021660	Nprl2	0.002	-0.150		-0.269	0.226	0.261
3.70E-02							
ENSRNOG000000020893	Snx27	-0.032		-0.075		-0.349	0.075
0.248		3.70E-02					
ENSRNOG000000006766	Laptm4b		-0.008		0.105	0.394	-0.233
0.266		3.70E-02					-
ENSRNOG000000014369	Slc27a4	0.006	0.267	0.363	-0.302		-0.349
3.70E-02							

ENSRNOG00000010370	Tnip1	0.004	0.296	0.400	-0.153	-0.358	
3.70E-02							
ENSRNOG00000016587	Ninj1	-0.002		0.501	1.123	-0.336	-0.592
3.70E-02							
ENSRNOG00000025895	Sdpr	-0.190		-0.420		-0.403	0.407
0.521 3.71E-02							
ENSRNOG00000021123	AC098622.1	-0.173		-0.331		-0.772	
0.346 0.625 3.72E-02							
ENSRNOG00000027894	Iqgap3		0.342	0.785	1.231	-0.626	-0.996
3.72E-02							
ENSRNOG00000001161	Gatc	0.090	-0.205		-0.476		0.158 0.329
3.72E-02							
ENSRNOG00000019842	Artn	0.267	2.482	3.505	-2.471		-1.887
3.72E-02							
ENSRNOG00000046629	Zfp37	0.581	0.337	0.875	-0.541		-1.404
3.73E-02							
ENSRNOG00000012378	Dbn1	-0.084		0.274	0.403	-0.231	-0.275
3.74E-02							
ENSRNOG00000026914	Dnah1	-0.559		0.737	1.587	-0.263	-1.376
3.74E-02							
ENSRNOG00000011949	Ndufb5		-0.217		-0.345		-0.630
0.269 0.525 3.75E-02							
ENSRNOG00000052734	AABR07051310.1		-0.490		0.263	-0.902	
0.259 1.922 3.76E-02							
ENSRNOG00000016362	Gpr4	-0.136		-0.100		-0.471	0.346
0.699 3.76E-02							
ENSRNOG00000008523	Faf1	0.080	-0.250		-0.490		0.203 0.382
3.76E-02							
ENSRNOG00000013517	Phtf2	-0.259		-0.331		-0.428	0.156
0.424 3.76E-02							
ENSRNOG00000020251	Art1	0.024	-0.090		-0.484		0.110 0.383
3.76E-02							
ENSRNOG00000026793	Nt5dc3		-0.044		-0.114		-0.684
0.009 0.608 3.76E-02							
ENSRNOG00000042320	Slc41a1		-0.300		-0.132		-0.287
0.271 0.382 3.76E-02							
ENSRNOG00000022274	Slc2a8		0.215	-0.093		-0.528	0.197
0.349 3.77E-02							
ENSRNOG00000018148	Cd99l2		0.179	0.581	0.998	-0.499	-0.991
3.78E-02							
ENSRNOG00000002338	Dgke	-0.052		-0.281		-0.553	0.205
0.503 3.78E-02							
ENSRNOG00000020905	Hdac5	-0.132		-0.048		-0.301	0.176
0.364 3.79E-02							
ENSRNOG00000028064	Fhad1	-0.214		1.543	3.873	-2.562	-2.925
3.80E-02							
ENSRNOG00000027456	Cdc42bpg		-0.122		-0.077		-0.217
0.237 0.518 3.80E-02							
ENSRNOG00000016631	Zfp276		-0.016		0.122	-0.210	0.211
0.499 3.80E-02							
ENSRNOG00000019127	Zfp606		-0.136		-0.320		-0.597
0.308 0.445 3.80E-02							
ENSRNOG00000023152	Tmem201		0.120	-0.092		-0.702	0.139
0.425 3.80E-02							

ENSRNOG00000043141 3.80E-02	Ap3s2	0.087	0.130	0.170	-0.213	-0.286	
ENSRNOG00000050547 0.325 3.80E-02	Syngn2		0.192	-0.083		-0.575	0.144
ENSRNOG00000021839 3.80E-02	Cep126		0.182	0.167	0.943	-0.602	-1.113
ENSRNOG00000016813 3.81E-02	Tia1	0.018	0.180	0.252	-0.119	-0.283	
ENSRNOG00000017707 3.81E-02	Abi2	0.084	0.023	0.183	-0.233	-0.411	
ENSRNOG00000015773 3.81E-02	Il21r	0.083	0.707	1.737	-0.243	-1.044	
ENSRNOG00000002693 3.81E-02	Nme1	0.016	0.140	0.448	-0.139	-0.478	
ENSRNOG00000054609 0.380 3.81E-02	AABR07002683.1		0.094	0.117	0.368	-0.243	-
ENSRNOG00000000302 3.82E-02	Sesn1	0.104	-0.220		-0.608	0.219	0.371
ENSRNOG00000046799 0.351 3.82E-02	Phb	-0.094		-0.181		-0.454	0.243
ENSRNOG00000005486 0.128 0.519 3.84E-02	AABR07058267.1		0.127	-0.337		-0.756	
ENSRNOG00000001169 0.439 3.85E-02	Slc37a1		0.064	-0.018		-0.431	0.145
ENSRNOG00000020908 3.85E-02	LOC303566		0.368	0.985	1.115	-1.362	-1.368
ENSRNOG00000030124 0.282 3.85E-02	Ptpn11		0.146	-0.114		-0.518	0.036
ENSRNOG00000007818 0.367 3.85E-02	Slc45a4		-0.066		0.367	0.199	-0.450
ENSRNOG00000012415 0.565 3.85E-02	Mpc1	-0.189		-0.423		-0.726	0.225
ENSRNOG00000008061 3.86E-02	Nuak1	-0.250		0.105	-0.082	0.130	0.410
ENSRNOG00000014052 0.465 3.86E-02	Ccna1	-0.021		-0.360		-0.670	0.296
ENSRNOG00000005447 -0.807 3.88E-02	LOC100364791			-0.202		0.488	0.725
ENSRNOG00000051541 0.486 2.082 3.88E-02	AC133316.1		-0.742		-0.288	-2.164	
ENSRNOG00000027491 3.88E-02	Vldlr	0.199	-0.324		-0.763	0.157	0.399
ENSRNOG00000007172 0.123 0.300 3.88E-02	Map4k3		-0.031		-0.014	-0.246	
ENSRNOG00000032844 3.88E-02	RT1-Da		0.311	0.664	0.976	-0.646	-0.821
ENSRNOG00000052880 0.838 3.88E-02	Prph	-0.129		-0.454		-0.612	0.650
ENSRNOG00000042848 0.397 3.88E-02	Jam2	-0.058		-0.242		-0.246	0.188
ENSRNOG00000013875 0.061 0.287 3.88E-02	Fbxl17		-0.072		-0.054	-0.458	
ENSRNOG00000019073 3.88E-02	Ikbkb	-0.368		0.000	-0.165	0.022	0.274

ENSRNOG00000009450	Hcn4	-1.965	-0.978	-1.400	1.131	
1.867 3.89E-02						
ENSRNOG00000009323	Fam214b	-0.282	0.580	1.063	-0.572	-
0.677 3.89E-02						
ENSRNOG00000017102	Cmtr2	0.037	-0.150	-0.435	0.012	0.416
3.91E-02						
ENSRNOG00000030127	Eml2	-0.175	0.372	0.455	-0.316	-0.334
3.91E-02						
ENSRNOG00000002917	Sec14l5	0.323	-0.678	-2.008	0.374	
1.340 3.92E-02						
ENSRNOG00000020451	Cd81	0.124	0.093	0.228	-0.114	-0.265
3.93E-02						
ENSRNOG00000004312	Tmbim4	0.134	0.081	0.315	-0.062	-0.317
3.94E-02						
ENSRNOG00000007799	Fam151a	-0.366	-0.415	-0.900		
0.580 0.957 3.94E-02						
ENSRNOG00000048222	Nlrc5	-0.559	1.103	1.905	-0.637	-0.822
3.94E-02						
ENSRNOG00000010812	Osbp16	-0.001	-0.258	-0.904		
0.217 0.568 3.95E-02						
ENSRNOG00000027115	Zc2hc1c	-0.209	-0.312	-0.731		
0.240 0.780 3.96E-02						
ENSRNOG00000026880	Usp38	0.055	-0.170	-0.572	0.111	0.391
3.97E-02						
ENSRNOG00000008159	Msantd3	0.189	-0.004	0.155	-0.151	-
0.294 3.97E-02						
ENSRNOG00000020590	Adam15	-0.051	0.065	-0.016	0.082	
0.425 3.97E-02						
ENSRNOG00000021085	Sf1	-0.068	-0.013	-0.174	0.117	
0.256 3.98E-02						
ENSRNOG00000016033	Endog	-0.222	-0.248	-0.868	0.251	
0.657 3.98E-02						
ENSRNOG00000029152	Tmem69	-0.084	-0.252	-0.371		
0.103 0.337 3.98E-02						
ENSRNOG00000046028	Haus6	0.036	0.411	0.909	-0.522	-0.631
3.98E-02						
ENSRNOG00000014946	Thumpd1	-0.141	-0.144	-0.183		
0.083 0.247 3.98E-02						
ENSRNOG00000021004	Rasip1	-0.164	-0.125	-0.139		
0.234 0.436 3.98E-02						
ENSRNOG00000017090	RGD1308706	0.331	-0.248	-0.672	0.201	
0.382 3.99E-02						
ENSRNOG00000010467	Cpa5	0.925	0.352	0.771	-1.652	-2.128
3.99E-02						
ENSRNOG00000052533	AABR07052521.1	0.187	-0.413	-1.002		
0.473 1.493 3.99E-02						
ENSRNOG00000010204	Tmem9	-0.609	0.432	1.470	-0.256	-0.919
4.00E-02						
ENSRNOG00000010819	Hspa41	-0.269	0.143	-0.118	0.601	
0.862 4.02E-02						
ENSRNOG00000007129	Cd8b	-0.027	0.818	2.160	-0.258	-1.912
4.04E-02						
ENSRNOG00000012723	Trim55	0.017	0.345	0.487	-0.240	-0.361
4.04E-02						

ENSRNOG00000015121 4.05E-02	N4bp1	0.026	-0.038	-0.275	0.065	0.354	
ENSRNOG00000015118 0.350 4.05E-02	Cpped1	0.034	-0.128	-0.653	0.103		
ENSRNOG00000023021 0.364 4.07E-02	Msl2	-0.022	-0.149	-0.402	0.134		
ENSRNOG00000047816 0.357 4.07E-02	Ccs	-0.123	-0.103	-0.403	0.287		
ENSRNOG00000014287 0.296 4.07E-02	Stk11	-0.108	-0.128	-0.312	0.191		
ENSRNOG00000020277 4.07E-02	Cntnap1	0.025	0.328	0.437	-0.377	-0.647	
ENSRNOG00000018207 0.689 4.07E-02	Dynlt1	-0.051	0.348	1.052	-0.383		-
ENSRNOG00000036876 4.07E-02	RGD1308923	0.022	0.521	0.960	-0.436	-0.697	
ENSRNOG00000003949 4.07E-02	Phka2	0.458	0.417	1.114	-0.693	-1.518	
ENSRNOG00000012664 4.08E-02	Polr1e	0.104	0.349	0.476	-0.405	-0.464	
ENSRNOG00000050318 4.08E-02	Fsd1	-0.360	1.008	1.795	-1.315	-1.097	
ENSRNOG00000013647 4.09E-02	Polm	0.544	-0.176	-0.861	0.233	0.535	
ENSRNOG00000057837 0.260 0.887 4.09E-02	AABR07017236.1	0.458	-0.532		-0.841		
ENSRNOG00000061786 0.438 0.700 4.09E-02	Rn60_18_0774.1	0.293	-0.303		-0.935		
ENSRNOG00000028208 0.416 4.10E-02	Mief2	-0.301	-0.205	-0.575	0.141		
ENSRNOG00000032917 0.910 4.10E-02	Zfand2a	-0.025	0.935	1.537	-0.806		-
ENSRNOG00000024930 0.321 4.11E-02	Smim19	0.192	-0.353	-0.514	0.307		
ENSRNOG00000042939 0.806 4.11E-02	Nrip2	-0.146	0.068	-0.493	-0.124		
ENSRNOG00000014330 4.11E-02	Pcmt1	0.026	-0.163	-0.482	0.130	0.281	
ENSRNOG00000019100 4.11E-02	Kif2c	-0.261	0.025	1.399	-0.206	-1.613	
ENSRNOG00000020296 0.562 4.11E-02	Usmg5	-0.080	-0.373	-0.615	0.275		
ENSRNOG00000019659 0.842 4.12E-02	Aspa	-0.066	-0.114	0.207	-0.521		-
ENSRNOG00000000588 0.603 4.12E-02	Slc16a10	0.142	-0.020	-0.775	0.071		
ENSRNOG00000033719 0.646 4.12E-02	Pcdhb12	0.118	-0.118	0.066	-0.449		-
ENSRNOG00000001736 2.305 4.13E-02	Bdh1	-1.071	-0.637	-0.912	0.567		
ENSRNOG00000014461 4.13E-02	Galns	0.175	-0.011	-0.775	0.186	0.550	
ENSRNOG00000003086 4.13E-02	Cenpv	0.170	-0.013	-0.406	0.050	0.372	

ENSRNOG00000009756	Pacsin2	-0.204	-0.042	-0.126		
0.118 0.251 4.13E-02						
ENSRNOG00000017213	Cdk11b	0.031	-0.054	-0.207	0.121	
0.219 4.13E-02						
ENSRNOG00000002773	Rgs4	-0.132	-0.324	-0.658	0.411	
0.638 4.13E-02						
ENSRNOG00000042503	Ndufv2	-0.099	-0.333	-0.653		
0.252 0.478 4.13E-02						
ENSRNOG00000017506	Cltb	0.140	-0.004	-0.478	0.155	0.387
4.13E-02						
ENSRNOG00000011189	Acy1	-0.050	-0.079	-0.238	0.186	
0.361 4.13E-02						
ENSRNOG00000006399	Synj2bp	0.021	-0.281	-0.538	0.148	
0.327 4.13E-02						
ENSRNOG00000014637	Atxn10	-0.061	0.036	0.221	-0.089	-
0.241 4.13E-02						
ENSRNOG000000061348	Fam53b	-0.254	0.291	0.377	-0.327	-
0.354 4.13E-02						
ENSRNOG000000037331	Cd33	0.091	0.549	1.259	-0.314	-0.830
4.13E-02						
ENSRNOG00000008431	Gabbr2	0.146	0.520	1.114	-0.665	-0.977
4.13E-02						
ENSRNOG000000039110	Lsmem1	0.273	-0.359	-0.987	0.264	
0.600 4.14E-02						
ENSRNOG00000009549	Fbxo3	-0.059	-0.219	-0.412	0.097	
0.324 4.15E-02						
ENSRNOG000000050042	Myh8	0.292	0.611	0.920	-0.670	-1.096
4.16E-02						
ENSRNOG00000003150	Mpc2	-0.234	-0.385	-0.627	0.334	
0.568 4.16E-02						
ENSRNOG00000004968	Ncapg2	0.108	0.220	0.855	-0.580	-0.761
4.16E-02						
ENSRNOG000000038044	Tsc22d2	-0.001	-0.094	-0.520		
0.080 0.393 4.17E-02						
ENSRNOG00000005012	Utp14a	-0.050	0.040	0.349	-0.127	-
0.305 4.18E-02						
ENSRNOG000000059350	Ppp1r3a	0.192	-0.348	-0.920	0.171	
0.641 4.19E-02						
ENSRNOG000000027574	AABR07053879.1	0.335	-0.173	-1.187		
0.105 1.151 4.20E-02						
ENSRNOG000000033906	Zfp667	0.160	-0.375	-0.615	0.219	
0.513 4.20E-02						
ENSRNOG00000014964	Hp	-0.365	-0.262	-0.539	0.322	
0.852 4.20E-02						
ENSRNOG00000005667	Astn1	-0.169	-0.314	-0.453	-0.028	
0.727 4.20E-02						
ENSRNOG00000013747	Sh3bp2	-0.008	0.640	1.248	-0.462	-
0.744 4.20E-02						
ENSRNOG000000034038	AABR07005844.1	-0.271	-0.312	-0.470		
0.167 0.936 4.20E-02						
ENSRNOG00000006832	Zdhhc5	0.054	-0.115	-0.367	0.054	
0.222 4.20E-02						
ENSRNOG00000014132	Mypop	0.079	-0.068	-0.793	0.419	0.619
4.21E-02						

ENSRNOG00000049920 4.21E-02	Psma2	0.047	0.071	0.319	-0.153	-0.315	
ENSRNOG00000011882 4.21E-02	Gab2	-0.019		0.250	0.523	-0.536	-0.477
ENSRNOG00000001647 4.21E-02	Ets2	0.624	0.645	0.719	-0.551	-0.632	
ENSRNOG00000021151 0.531 4.21E-02	Ppp1r14b	-0.109		0.358	0.547	-0.230	-
ENSRNOG00000015701 0.429 4.22E-02	Rreb1	-0.144		-0.066		-0.476	0.035
ENSRNOG00000003786 4.22E-02	Tspan6		0.176	-0.076		0.348	0.015 -0.333
ENSRNOG00000002860 0.536 4.23E-02	Ccdc181		0.203	-0.324		-0.812	0.305
ENSRNOG00000000130 0.085 0.493 4.24E-02	Dnajb5		-0.198		-0.116	-0.535	
ENSRNOG00000003504 0.402 4.24E-02	Rnaseh2a		0.013	-0.184		-0.469	0.287
ENSRNOG00000008711 0.282 4.24E-02	Med24	-0.003		-0.122		-0.460	0.164
ENSRNOG00000020039 1.494 4.25E-02	Slc5a2		-0.456		0.654	1.600	-0.189 -
ENSRNOG00000019693 0.330 4.25E-02	Clpb	-0.045		-0.140		-0.398	0.164
ENSRNOG00000017311 0.512 4.26E-02	Me3	-0.130		-0.203		-0.706	0.195
ENSRNOG00000005686 0.094 0.280 4.26E-02	Suclg2		-0.275		-0.112	-0.279	
ENSRNOG00000043167 4.26E-02	Itga9	-0.034		0.150	1.316	-0.311	-0.870
ENSRNOG00000017074 4.26E-02	Rab28	0.163	-0.226		-0.555	0.204	0.338
ENSRNOG00000056964 0.320 4.26E-02	LOC102549158			0.020	0.227	0.481	-0.281 -
ENSRNOG00000003669 0.918 4.26E-02	Myocd	-0.786		-0.622		-1.068	0.261
ENSRNOG00000019473 0.295 0.867 4.26E-02	Dcun1d2		-0.075		-0.060	-0.872	
ENSRNOG00000011060 0.344 0.484 4.26E-02	Unc119		-0.283		-0.249	-0.606	
ENSRNOG00000009031 0.970 0.920 4.26E-02	Gucy2c		-0.403		-0.720	-1.585	
ENSRNOG00000009419 0.552 4.27E-02	Ptprg	-0.094		-0.084		-0.492	0.041
ENSRNOG00000011026 0.121 0.469 4.27E-02	Irf2bpl		-0.163		-0.141	-0.555	
ENSRNOG00000048989 4.27E-02	Larp7	-0.102		0.048	0.199	-0.158	-0.323
ENSRNOG00000007246 0.454 4.29E-02	Atxn7	-0.016		-0.022		-0.516	-0.052
ENSRNOG00000007628 0.437 4.29E-02	Ptp4a3		0.183	-0.153		-0.434	0.322
ENSRNOG00000009280 4.30E-02	Mkrn1	-0.094		0.100	0.232	-0.192	-0.310

ENSRNOG00000021149	Ush1c	0.138	-0.110	-1.388	0.205	1.151	
4.30E-02							
ENSRNOG00000058593	Zbtb1	-0.030	0.145	0.344	-0.222	-0.400	
4.33E-02							
ENSRNOG00000014215	Klf9	0.082	-0.184	-0.725	0.069	0.575	
4.33E-02							
ENSRNOG00000052539	Prpf40b	-0.106	-0.061	-0.357			
0.108	0.291	4.33E-02					
ENSRNOG00000010975	Adnp	-0.096	-0.108	-0.262	0.078		
0.272	4.34E-02						
ENSRNOG00000017693	Slc2a5	-0.282	0.197	-0.070	0.366		
0.940	4.34E-02						
ENSRNOG00000001603	N6amt1	-0.070	-0.251	-0.576			
0.256	0.363	4.34E-02					
ENSRNOG000000061108	Arcn1	0.073	-0.113	-0.164	0.100	0.191	
4.34E-02							
ENSRNOG000000018865	Adamts12	0.147	-0.002	0.478	-0.271	-	
0.642	4.34E-02						
ENSRNOG000000057659	AABR07067080.1	0.090	-0.143	-1.218			
0.160	0.932	4.37E-02					
ENSRNOG000000028330	AABR07067600.1	0.114	-0.161	-0.355			
0.020	0.348	4.37E-02					
ENSRNOG000000001711	Hrasls	0.070	-0.497	-0.765	0.310		
0.320	4.37E-02						
ENSRNOG000000000457	Tap1	-0.068	0.575	1.055	-0.281	-0.511	
4.37E-02							
ENSRNOG000000002343	Uchl1	-0.509	1.369	2.775	-1.532	-1.714	
4.37E-02							
ENSRNOG000000011847	Grk4	-0.015	-0.337	-0.424	0.539		
0.398	4.37E-02						
ENSRNOG000000009686	Aqp7	-1.910	-1.044	-0.421	1.360		
1.722	4.38E-02						
ENSRNOG000000034078	Mxi1	0.266	-0.160	-0.426	0.262	0.338	
4.38E-02							
ENSRNOG000000050067	LOC100364509	0.023	0.015	0.379	0.057	-0.341	
4.38E-02							
ENSRNOG000000013583	Tbc1d8	0.052	0.378	0.453	-0.207	-0.386	
4.38E-02							
ENSRNOG000000053850	Rdh5	-0.382	0.608	1.704	-0.449	-1.410	
4.38E-02							
ENSRNOG000000001628	Pcp4	-0.203	1.419	3.210	-1.481	-2.476	
4.38E-02							
ENSRNOG000000015813	Ubr2	-0.012	-0.187	-0.565	0.132		
0.409	4.38E-02						
ENSRNOG000000000576	Anapc16	0.264	-0.104	-0.765	0.129		
0.461	4.39E-02						
ENSRNOG000000020460	Banf1	0.164	-0.340	-0.641	0.287	0.384	
4.39E-02							
ENSRNOG000000049511	Safb2	-0.079	-0.126	-0.335	0.154		
0.286	4.39E-02						
ENSRNOG000000007971	Wbp2	0.032	-0.032	-0.294	0.132	0.242	
4.41E-02							
ENSRNOG000000047783	Tmem200a	-0.382	0.673	2.311	-1.576	-	
2.152	4.41E-02						

ENSRNOG00000013358	Aqp11	-0.002	0.525	1.126	-0.654	-1.319
4.42E-02						
ENSRNOG00000001706	Kalrn	0.067	-0.385	-0.830	0.379	0.562
4.42E-02						
ENSRNOG00000007578	Zfp830	-0.094	-0.219	-0.366		
0.164	0.316	4.42E-02				
ENSRNOG00000028752	Tmem81	0.027	-0.317	-0.444	-0.170	
0.719	4.42E-02					
ENSRNOG00000042533	Accs1	-0.832	-0.803	-0.737	0.720	
1.311	4.43E-02					
ENSRNOG00000018159	Anxa4	0.206	0.245	0.471	-0.172	-0.334
4.43E-02						
ENSRNOG00000003717	Cnih4	0.125	-0.066	0.200	-0.049	-0.290
4.43E-02						
ENSRNOG00000000306	Smpd2	0.112	0.138	0.319	-0.260	-0.351
4.43E-02						
ENSRNOG00000011936	Abhd14a	-0.062	-0.209	-0.460		
0.289	0.406	4.43E-02				
ENSRNOG00000007827	Cox4i2	-0.133	-0.284	-0.515		
0.171	0.617	4.43E-02				
ENSRNOG00000031269	RGD1304694	0.042	0.083	-0.100	-0.007	
0.229	4.44E-02					
ENSRNOG00000012473	Cflar	0.004	-0.015	-0.274	0.061	0.335
4.44E-02						
ENSRNOG00000049537	Rn60_13_0828.1	0.190	0.120	0.428	-0.145	-
0.340	4.44E-02					
ENSRNOG00000010208	Timp1	0.193	0.629	1.549	-0.958	-1.013
4.46E-02						
ENSRNOG00000013461	Ralbp1	0.152	-0.129	-0.354	0.159	
0.224	4.46E-02					
ENSRNOG00000000571	Psap	0.126	-0.015	-0.404	0.051	0.301
4.46E-02						
ENSRNOG00000018809	Psm5	-0.057	0.312	0.635	-0.335	-0.391
4.47E-02						
ENSRNOG00000011863	Gins3	0.065	0.210	1.032	-0.328	-1.097
4.47E-02						
ENSRNOG00000036672	Sectm1a	0.279	1.762	2.922	-1.359	-1.649
4.50E-02						
ENSRNOG00000016544	Arhgef28	-0.028	0.024	-0.270	0.084	
0.498	4.50E-02					
ENSRNOG00000008934	Tmem65	-0.301	-0.339	-0.664		
0.257	0.657	4.51E-02				
ENSRNOG00000013683	Slpr1	0.028	-0.341	-0.594	0.266	0.527
4.51E-02						
ENSRNOG00000007351	Ggh	-0.019	-0.288	0.195	0.082	-0.579
4.51E-02						
ENSRNOG00000052298	AABR07014974.1	-0.199	-0.223	-0.712		
0.184	0.771	4.51E-02				
ENSRNOG00000010213	Fgd5	-0.180	-0.177	-0.335	0.271	
0.441	4.51E-02					
ENSRNOG00000002055	Noa1	-0.021	-0.159	-0.388	0.131	
0.329	4.51E-02					
ENSRNOG00000014209	Utp6	0.099	0.087	0.173	-0.168	-0.266
4.51E-02						

ENSRNOG00000008424	Aagab	0.110	0.280	0.238	-0.389	-0.312	
4.51E-02							
ENSRNOG00000017003	Plxna1		-0.055	0.243	0.494	-0.206	-
0.409							
4.51E-02							
ENSRNOG00000016561	Ns5atp9	0.366	0.261	1.627	-1.279	-1.919	
4.51E-02							
ENSRNOG00000014117	Hmox1	0.043	0.912	1.545	-0.998	-0.889	
4.51E-02							
ENSRNOG00000001047	Map2k7		-0.001	-0.053		-0.407	
0.083							
0.286							
4.52E-02							
ENSRNOG00000003600	Pnpt1	-0.119		-0.260	-0.302	0.133	
0.316							
4.53E-02							
ENSRNOG00000015188	LOC100909998		0.009	-0.228		-0.661	
0.376							
0.649							
4.53E-02							
ENSRNOG00000019511	Mrps18a		-0.040	-0.151		-0.417	
0.196							
0.346							
4.54E-02							
ENSRNOG000000061358	AC129365.1	0.053	-0.149		0.452	0.149	-0.501
4.55E-02							
ENSRNOG00000018760	Mpp7	-0.469		-1.100	-1.153	0.762	
1.251							
4.55E-02							
ENSRNOG00000022060	Magi1	-0.518		-0.012	-0.363	0.126	
0.439							
4.55E-02							
ENSRNOG00000001514	Cdca7	0.268	0.259	0.995	-0.243	-1.145	
4.55E-02							
ENSRNOG00000017869	Irf8	-0.399		0.771	1.627	-0.237	-0.772
4.55E-02							
ENSRNOG00000017502	Sike1	0.163	-0.083		0.085	-0.112	-0.279
4.56E-02							
ENSRNOG00000002710	Cnst	0.223	-0.071		-1.088	0.185	0.634
4.57E-02							
ENSRNOG00000018349	Polr1b		0.065	-0.143		-0.378	0.069
0.364							
4.57E-02							
ENSRNOG00000007710	Usp20	-0.318		0.342	0.692	-0.309	-0.445
4.58E-02							
ENSRNOG00000019996	Slc16a1		-0.410		-0.445	-0.668	
0.320							
0.762							
4.58E-02							
ENSRNOG00000011140	Fam213a		-0.416		-0.097	-0.399	
0.231							
0.843							
4.58E-02							
ENSRNOG00000021954	Spg11	-0.036		-0.070		-0.406	0.163
0.338							
4.59E-02							
ENSRNOG000000056246	Gls	-0.010		-0.197		-0.354	0.097
0.288							
4.59E-02							
ENSRNOG00000009029	Nptn	0.054	-0.118		-0.382	0.052	0.220
4.59E-02							
ENSRNOG000000042960	Rgcc	-0.279		0.220	1.440	-0.314	-1.114
4.59E-02							
ENSRNOG00000003846	Pitpna		0.098	0.065	0.117	-0.153	-0.238
4.59E-02							
ENSRNOG00000024503	Nbas	0.000	-0.046		-0.402	-0.013	
0.302							
4.59E-02							
ENSRNOG00000016494	Tmem204		-0.110		-0.177	-0.327	
0.259							
0.471							
4.60E-02							
ENSRNOG00000015972	Ano5	0.160	-0.299		-1.092	0.093	0.696
4.60E-02							

ENSRNOG00000014104	Myo5b	-0.378	1.759	4.398	-1.431	-2.350
4.60E-02						
ENSRNOG00000013586	Snai3	-0.370	-1.177		-0.909	0.887
1.061	4.62E-02					
ENSRNOG00000015735	Zswim1	0.061	-0.196		-0.548	0.228
0.438	4.63E-02					
ENSRNOG00000004459	Sdr9c7	-0.978	2.582	4.413	-2.514	-
3.117	4.64E-02					
ENSRNOG00000012386	Zbtb38	0.274	0.018	-0.701		-0.086
0.477	4.65E-02					
ENSRNOG000000054391	Snurf	-0.001	-0.321		-1.638	0.375
1.494	4.65E-02					
ENSRNOG000000021143	Setdb1	-0.027	0.136	0.193	-0.098	-
0.223	4.65E-02					
ENSRNOG000000012134	Scn4a	0.203	-0.081		-0.818	0.034
4.66E-02						0.541
ENSRNOG000000037638	Timm50	-0.118		-0.103		-0.334
0.124	0.275	4.66E-02				
ENSRNOG000000003229	Tspan7	0.201	-0.003		0.182	-0.120
0.289	4.66E-02					-
ENSRNOG000000003931	Arsg	-0.015	0.270	0.374	-0.278	-0.331
4.66E-02						
ENSRNOG000000047984	Mrps22	-0.069		-0.188		-0.412
0.155	0.301	4.67E-02				
ENSRNOG000000046479	Chaf1a	0.024	0.146	0.363	-0.274	-0.461
4.67E-02						
ENSRNOG000000056941	AABR07066529.3		-0.725		-0.385	-0.444
0.140	0.874	4.67E-02				
ENSRNOG000000027049	Atp5j2	0.000	-0.322		-0.567	0.237
0.435	4.67E-02					
ENSRNOG000000033663	P4ha2	0.187	-0.285		-0.495	0.317
4.67E-02						0.396
ENSRNOG000000019840	Mdp1	-0.055		-0.326		-0.518
0.396	4.67E-02					0.265
ENSRNOG000000013598	Melk	0.132	0.625	2.352	-1.220	-1.602
4.68E-02						
ENSRNOG000000010361	Kif3b	-0.027		0.206	0.269	-0.296
4.69E-02						-0.308
ENSRNOG000000003280	Grin2c		-0.058		1.481	2.663
1.931	4.69E-02					-2.045
ENSRNOG000000023668	Scyl1	0.090	-0.087		-0.382	0.148
4.69E-02						0.263
ENSRNOG000000027799	Tmie	0.083	-0.188		-0.494	0.072
4.70E-02						0.610
ENSRNOG000000048193	Hnrnph3		-0.143		-0.007	
0.059	0.436	4.70E-02				-0.283
ENSRNOG000000007442	Ubl7	0.076	-0.051		-0.352	0.133
4.70E-02						0.259
ENSRNOG000000011134	Lama2	-0.049		0.037	0.333	-0.353
4.70E-02						-0.535
ENSRNOG000000002423	Fam114a2	0.064	-0.125		-0.303	0.068
0.200	4.70E-02					
ENSRNOG000000027503	Rps25	0.199	0.031	0.421	-0.053	-0.445
4.70E-02						

ENSRNOG00000017392	Fgf2	0.270	-0.153	-0.915	-0.059	
0.804		4.70E-02				
ENSRNOG00000008062	Dqx1	-0.211	-0.289	-0.392	0.196	
0.559		4.70E-02				
ENSRNOG00000020848	Adck4	-0.155	0.352	0.584	-0.266	-0.403
4.70E-02						
ENSRNOG00000017206	Igfbp5	-0.149	0.626	0.955	-0.415	-
0.632		4.70E-02				
ENSRNOG00000049105	AC095947.2	0.147	0.148	0.509	-0.061	-0.449
4.70E-02						
ENSRNOG00000010239	Cnbp	-0.073	-0.201	-0.387	0.113	
0.274		4.71E-02				
ENSRNOG00000014190	Hint3	0.057	-0.288	-0.584	0.242	0.366
4.72E-02						
ENSRNOG00000008807	Rp1	-2.068	-1.454	-1.419	1.725	
2.664		4.72E-02				
ENSRNOG00000019811	LOC100362432	0.129	-0.284	-0.669		
0.248		0.389	4.72E-02			
ENSRNOG00000017133	LOC306766	0.014	-0.136	-0.460	0.075	
0.310		4.72E-02				
ENSRNOG00000016321	Entpd4	0.092	0.065	0.075	-0.159	-0.270
4.72E-02						
ENSRNOG00000002353	Rab3gap2	-0.075	0.259	0.385	-0.290	-
0.300		4.72E-02				
ENSRNOG00000023269	AABR07021759.1	0.194	-0.010	0.182	-0.082	
-0.327		4.72E-02				
ENSRNOG00000010950	Cep41	0.205	0.085	0.414	-0.370	-0.634
4.72E-02						
ENSRNOG00000015278	Myl12a	-0.541	0.401	1.239	-0.462	-
0.781		4.72E-02				
ENSRNOG00000045888	AABR07030798.1	0.751	0.780	1.207	-0.470	-
1.339		4.72E-02				
ENSRNOG00000016957	Igfbp2	0.412	1.735	2.177	-1.036	-2.111
4.72E-02						
ENSRNOG00000020384	Fam13b	-0.037	0.207	0.364	-0.279	-
0.318		4.72E-02				
ENSRNOG00000020689	Cpeb3	-0.022	-0.018	-0.681	-0.048	
0.493		4.73E-02				
ENSRNOG00000011853	Mbd2	0.176	-0.219	-0.477	0.184	0.304
4.73E-02						
ENSRNOG00000043503	Ehd1	-0.013	-0.105	-0.377	0.121	
0.275		4.73E-02				
ENSRNOG00000042576	Tcp1111	-0.027	0.995	1.364	-0.939	-
0.776		4.73E-02				
ENSRNOG00000032339	Ras112	-0.272	-0.244	-0.428		
0.418		0.495	4.73E-02			
ENSRNOG00000024197	AABR07049149.1	0.190	0.093	0.358	-0.172	-
0.563		4.74E-02				
ENSRNOG00000054049	Preli2	-0.503	0.372	1.245	-0.141	-
0.692		4.74E-02				
ENSRNOG00000039985	Ube2a	-0.043	-0.152	-0.364	0.160	
0.258		4.75E-02				
ENSRNOG00000017466	Kif5b	0.066	0.268	0.274	-0.341	-0.367
4.75E-02						

ENSRNOG00000005043	Cpeb2	0.120	-0.193	-0.903	0.056	0.587
4.76E-02						
ENSRNOG00000012264	Alkbh1		-0.077	-0.095	-0.212	
0.016	0.263	4.80E-02				
ENSRNOG000000054360	Tspan11	0.102	0.229	0.502	-0.362	-0.560
4.80E-02						
ENSRNOG00000012808	Tmem259	-0.019	-0.057	-0.309		
0.129	0.286	4.80E-02				
ENSRNOG00000010064	Abcc4	0.189	-0.143	-0.828	0.061	0.559
4.82E-02						
ENSRNOG00000002839	Slc19a2	-0.417	0.098	0.165	-0.001	
0.511	4.83E-02					
ENSRNOG000000021812	Scx	0.506	0.179	0.439	-0.194	-0.662
4.83E-02						
ENSRNOG00000016443	Vps13d	0.061	-0.146	-0.700	0.042	
0.492	4.83E-02					
ENSRNOG00000017962	Serpinb6	0.010	0.158	0.488	-0.163	-0.357
4.85E-02						
ENSRNOG00000002695	Tfb2m	-0.042	-0.310	-0.413	0.239	
0.395	4.86E-02					
ENSRNOG000000028415	Cdc20	0.205	0.266	0.649	-0.367	-0.760
4.86E-02						
ENSRNOG000000060988	Kcnc4	0.605	0.292	0.003	-0.499	-0.634
4.86E-02						
ENSRNOG00000003076	Rbms2	-0.053	-0.010	-0.071	0.046	
0.286	4.87E-02					
ENSRNOG00000009974	Coq3	-0.214	-0.437	-0.597	0.245	
0.495	4.87E-02					
ENSRNOG00000019760	Oxnad1	-0.318	-0.308	-0.435		
0.243	0.445	4.90E-02				
ENSRNOG00000010609	Abcf2	0.131	-0.056	-0.379	0.079	0.274
4.90E-02						
ENSRNOG00000002205	Ociad1	-0.051	-0.158	-0.357		
0.104	0.247	4.90E-02				
ENSRNOG000000058588	Nfxl1	0.066	0.127	0.328	-0.089	-0.313
4.90E-02						
ENSRNOG00000019785	Phtf1	-0.023	0.109	0.340	-0.317	-0.325
4.90E-02						
ENSRNOG000000023881	Skap1	0.032	0.257	1.337	-0.051	-1.318
4.90E-02						
ENSRNOG000000049385	Adamtsl4	-0.240	-0.114	-0.230		
0.273	0.604	4.91E-02				
ENSRNOG000000058710	AABR07021465.2	-0.119	0.483	1.384	-0.618	
-0.748	4.91E-02					
ENSRNOG00000011684	Auh	0.113	-0.178	-0.662	0.217	0.403
4.91E-02						
ENSRNOG000000003603	Arhgap44	-0.019	0.002	-0.477	-0.101	
0.351	4.92E-02					
ENSRNOG00000018599	Gga2	0.106	0.135	0.433	-0.262	-0.322
4.92E-02						
ENSRNOG000000021068	Pip5k1a	0.095	-0.096	-0.434	0.078	
0.276	4.93E-02					
ENSRNOG00000015718	RGD1307461	0.189	-0.309	-1.072	0.486	
0.739	4.94E-02					

ENSRNOG00000023227	AABR07052585.2	-0.012	-0.031	-0.549	
0.154 0.578 4.95E-02					
ENSRNOG00000050315	Dcxr	0.223 -0.221	-0.647	0.254 0.523	
4.95E-02					
ENSRNOG00000017420	Nudt6	-0.143	-0.174	-0.504	0.173
0.382 4.96E-02					
ENSRNOG00000005707	Bfsp1	-0.033	0.415 1.128	-0.209	-0.897
4.97E-02					
ENSRNOG00000017446	Ndufs8	-0.100	-0.325	-0.709	
0.350 0.486 4.97E-02					
ENSRNOG00000032150	Adcy2	0.367 0.399 0.462	-0.213	-0.380	
4.97E-02					
ENSRNOG00000009462	Ccdc90b	-0.108	0.083 0.471	-0.146	-
0.415 4.97E-02					
ENSRNOG00000001516	Rapgef4	-0.130	-0.195	-0.502	
0.215 0.467 4.99E-02					
ENSRNOG00000022309	Frem1	-0.171	0.262 0.841	-0.403	-0.945
4.99E-02					
ENSRNOG00000042682	Grpel2	0.008 -0.009	0.096 -0.016	-	
0.232 4.99E-02					