

GeneID	pvalue	log2FoldChange	pct.1	pct.2	padj	FoldChange
Hbb-bs		0	3.039942391	0.995	0.117	0 8.224582185
Hba-a1		0	2.199071272	0.919	0.035	0 4.591836494
Hba-a2		0	1.914410672	0.841	0.028	0 3.769597983
S100a8		0	1.870227745	0.879	0.018	0 3.655902878
S100a9		0	1.491607991	0.749	0.015	0 2.812022213
Txnip		0	1.426711808	0.945	0.619	0 2.688332915
Rps27rt		0	1.422750649	1	0.999	0 2.680961773
Ly6a		0	1.420730534	0.794	0.328	0 2.677210419
Tsc22d3		0	1.399369014	0.879	0.405	0 2.637861858
Gm9843		0	1.29999862	0.952	0.604	0 2.462286472
Gm11808		0	1.2852855	0.997	0.948	0 2.437302805
Zfp36l2		0	1.208534533	0.847	0.41	0 2.311027669
Gm2000		0	1.203944074	0.95	0.688	0 2.303685981
Rpl27-ps3		0	1.188170001	0.883	0.479	0 2.278635243
Rpl13-ps3		0	1.169914179	0.865	0.459	0 2.249983121
Rps18-ps3		0	1.164973771	0.948	0.687	0 2.242291389
Pik3ip1		0	1.148640815	0.915	0.572	0 2.217049244
Ifit3	4.91E-282	0	1.116419562	0.52	0.11	4.85E-278 2.16808236
Rpl23a-ps3		0	1.104343225	0.992	0.948	0 2.150009784
Gm10073		0	1.0957669	0.962	0.838	0 2.137266631
Ifit1	6.34E-253	0	1.090678388	0.557	0.154	6.26E-249 2.129741582
Uba52		0	1.08772948	1	0.996	0 2.125392778
Wdr89		0	1.070691184	0.999	0.986	0 2.10043943
Rpl9-ps6		0	1.03562808	0.755	0.333	0 2.050005926
Hbb-bt		0	1.021087953	0.471	0.013	0 2.029448813
Apobec3		0	1.002076232	0.57	0.156	0 2.00288034
Nfkbia	1.46E-240	0	1.001542264	0.806	0.581	1.44E-236 2.002139174
Ddit4	1.94711271026035e-320	0	0.946769916	0.709	0.361	1.92316322392415e-316 1.92755218
Klhl6		0	0.943798407	0.727	0.416	0 1.923586101
H2-Q4		0	0.917364706	0.968	0.826	0 1.888662222
Pdcd4		0	0.910927367	0.934	0.79	0 1.88025374
Socs3	8.20E-183	0	0.901848843	0.469	0.167	8.10E-179 1.868458917
Bbc3	8.57E-278	0	0.893777264	0.485	0.119	8.47E-274 1.858034467

Gm8797	2.65397242976542e-319	0.877009713	0.635	0.253	2.62132856887931e-315	1.836564689
Cirbp	0	0.871103272	0.92	0.655	0	1.829061103
Gm9493	2.68E-298	0.851385208	0.531	0.172	2.65E-294	1.804232433
Serinc3	1.25E-219	0.842009394	0.443	0.15	1.23E-215	1.792545072
Rps12-ps3	0	0.831433005	0.698	0.429	0	1.779451985
Irf7	4.00E-221	0.824018381	0.597	0.258	3.95E-217	1.770330085
H2-Q6	4.13206544992541e-310	0.809092928	0.723	0.43	4.08E-306	1.752109484
Fkbp5	1.50E-256	0.807182953	0.402	0.066	1.48E-252	1.749791413
Junb	1.39E-173	0.776354315	0.641	0.451	1.38E-169	1.712797167
Rpl10-ps3	0	0.774661552	0.922	0.799	0	1.710788663
Isg15	3.91E-132	0.752502615	0.499	0.263	3.86E-128	1.684712736
Saa3	0	0.740235443	0.34	0.002	0	1.670448428
Ptpn22	5.70E-200	0.722687271	0.533	0.284	5.63E-196	1.650253058
Rtp4	2.04E-174	0.719732012	0.606	0.295	2.01E-170	1.646876091
Ifit3b	1.24E-168	0.717987831	0.318	0.049	1.22E-164	1.644886263
Xaf1	2.93E-186	0.717738946	0.529	0.241	2.89E-182	1.644602522
Cd69	8.68E-86	0.714528613	0.398	0.199	8.58E-82	1.640946967
Nrip1	2.24E-174	0.711878484	0.481	0.255	2.21E-170	1.637935429
Ifngr1	1.76E-206	0.709459099	0.672	0.455	1.74E-202	1.63519093
Samhd1	1.28E-161	0.707420361	0.74	0.562	1.27E-157	1.632881799
Emb	4.65E-233	0.704639233	0.766	0.603	4.59E-229	1.629737074
Gm8186	2.56E-269	0.698879015	0.635	0.367	2.53E-265	1.623243031
BC100530	3.07E-287	0.696606054	0.296	0.001	3.04E-283	1.62068763
Gm10020	7.93E-259	0.693808655	0.685	0.433	7.83E-255	1.617548147
Rps2-ps6	1.20E-216	0.691417808	0.486	0.189	1.19E-212	1.614869751
Neb	2.49E-198	0.672047027	0.265	0.014	2.46E-194	1.593332129
Zbp1	2.02E-169	0.671235002	0.597	0.379	1.99E-165	1.59243557
Klhdc2	1.28E-156	0.668737611	0.575	0.344	1.27E-152	1.589681353
Sdhaf1	3.77E-173	0.66788202	0.432	0.203	3.73E-169	1.588738872
Il7r	4.25E-162	0.661887789	0.826	0.619	4.20E-158	1.58215154
Retnlg	2.87E-266	0.658834781	0.298	0.004	2.84E-262	1.578806957
Klhdc1	2.19E-165	0.63931376	0.483	0.247	2.16E-161	1.557588092
Rpl6l	1.41E-190	0.635538232	0.444	0.176	1.39E-186	1.553517218
Ngp	4.03E-259	0.622718827	0.279	0.003	3.98E-255	1.539774226

H2-T23	3.21E-215	0.618552839	0.889	0.787	3.18E-211	1.535334322
1500011B03Rik	1.16E-172	0.61599306	0.53	0.285	1.15E-168	1.532612588
Vars	4.70E-174	0.608194765	0.488	0.238	4.64E-170	1.524350605
Rpl29	1.27E-211	0.605316325	0.601	0.381	1.26E-207	1.52131228
Slfn5	1.95E-119	0.603186646	0.334	0.121	1.92E-115	1.519068204
Slfn1	9.25E-150	0.595277559	0.676	0.518	9.14E-146	1.510763212
Ifi44	3.39E-93	0.594872114	0.217	0.048	3.35E-89	1.510338697
Nme2	9.75E-175	0.590935082	0.492	0.253	9.63E-171	1.506222688
Mndal	5.21E-176	0.589236907	0.947	0.918	5.15E-172	1.504450779
Bcl2	4.13E-117	0.587191876	0.884	0.762	4.08E-113	1.502319719
Usp18	3.07E-110	0.584862988	0.382	0.163	3.03E-106	1.499896539
Daxx	6.41E-149	0.57991094	0.484	0.297	6.33E-145	1.494756972
Gm10076	1.03E-246	0.567325309	0.972	0.94	1.02E-242	1.481773881
Tapbp	1.87E-181	0.566869135	0.733	0.63	1.85E-177	1.481305424
Btg1	5.10E-178	0.558074947	0.994	0.983	5.04E-174	1.472303346
Rps26-ps1	5.25E-146	0.553695691	0.378	0.15	5.18E-142	1.46784099
mt-Atp8	9.39E-146	0.542873161	0.417	0.209	9.27E-142	1.456871023
Klf13	4.33E-169	0.539222226	0.821	0.743	4.28E-165	1.453188874
Slfn8	3.18E-122	0.532892053	0.417	0.248	3.14E-118	1.446826625
Samd9l	1.45E-152	0.531779319	0.589	0.453	1.43E-148	1.445711135
Pydc3	5.04E-118	0.530163055	0.485	0.322	4.98E-114	1.444092399
Gm4955	8.83E-105	0.529471803	0.269	0.086	8.72E-101	1.443400644
Dusp2	1.00E-80	0.527164445	0.574	0.44	9.91E-77	1.441094002
Isg20	7.58E-94	0.522623841	0.286	0.119	7.48E-90	1.436565567
Rps28	0	0.514707869	1	1	0	1.428704812
Srsf5	4.21E-170	0.513348659	0.86	0.777	4.16E-166	1.427359416
Zc3hav1	2.55E-132	0.511849539	0.595	0.447	2.52E-128	1.425877003
4932438A13Rik	1.45E-135	0.510277137	0.451	0.308	1.44E-131	1.424323777
Ctla4	2.14E-60	0.507853873	0.151	0.034	2.11E-56	1.421933379
Gm26917	1.07E-131	0.506343585	0.591	0.411	1.06E-127	1.420445604
Pim1	2.22E-63	0.501212093	0.404	0.263	2.20E-59	1.415402225
Gm10260	0	0.493811963	1	1	0	1.408160679
Gstp1	9.64E-138	0.493450476	0.541	0.396	9.52E-134	1.407807889
Gm6483	6.74E-120	0.486722526	0.464	0.271	6.66E-116	1.401257919

Ppp1r21	5.37E-123	0.485096236	0.24	0.056	5.30E-119	1.399679229
Ifi203	1.03E-116	0.484601192	0.89	0.872	1.02E-112	1.399199027
Arl5a	5.39E-102	0.482430768	0.232	0.065	5.33E-98	1.397095623
Arrdc4	5.61E-96	0.480901267	0.223	0.063	5.54E-92	1.39561525
Atp1a1	9.63E-134	0.47839328	0.538	0.413	9.51E-130	1.393191214
Rgs1	6.55E-23	0.476553942	0.136	0.069	6.47E-19	1.391416122
Gm8369	9.19E-105	0.473838405	0.653	0.564	9.07E-101	1.388799568
Bst2	6.07E-103	0.473826769	0.552	0.44	6.00E-99	1.388788367
ligp1	2.10E-51	0.473407079	0.291	0.166	2.07E-47	1.388384418
Phf11b	2.09E-102	0.472813464	0.378	0.245	2.07E-98	1.387813268
Cd200	1.59E-56	0.472154988	0.19	0.068	1.57E-52	1.387179986
Gpr83	1.01E-44	0.470109982	0.168	0.062	9.96E-41	1.385215064
Dynlt1c	3.04E-114	0.468229932	0.432	0.256	3.00E-110	1.383411095
Gm20186	4.78E-103	0.466568896	0.33	0.169	4.72E-99	1.381819232
Parp9	1.10E-89	0.460369031	0.365	0.205	1.09E-85	1.375893717
Ssh2	2.71E-124	0.451650391	0.613	0.502	2.68E-120	1.367603852
Chmp4b	3.06E-124	0.449269284	0.544	0.424	3.02E-120	1.365348541
Ccnd3	5.89E-109	0.448091146	0.662	0.554	5.82E-105	1.364234021
Sat1	9.14E-109	0.446491087	0.621	0.495	9.02E-105	1.362721821
H2-K1	1.25E-207	0.445728871	0.999	0.998	1.24E-203	1.362002046
Gm5914	5.63E-93	0.444670576	0.258	0.089	5.56E-89	1.36100331
Zfp1	3.68E-107	0.442521636	0.266	0.104	3.64E-103	1.358977562
Gm10036	3.66E-104	0.438718392	0.236	0.056	3.62E-100	1.355399732
Apoe	1.84E-81	0.43851926	0.288	0.113	1.82E-77	1.355212663
Znrf1	1.39E-100	0.438286383	0.428	0.3	1.38E-96	1.354993925
Atp1b1	4.27E-94	0.43620292	0.416	0.306	4.22E-90	1.353038527
E230001N04Rik	5.91E-98	0.432936343	0.287	0.154	5.84E-94	1.349978418
Tap1	6.27E-102	0.431535395	0.612	0.493	6.20E-98	1.34866814
Tgtp1	2.42E-67	0.423980114	0.312	0.176	2.39E-63	1.341623732
H2-T22	1.60E-117	0.423823104	0.77	0.726	1.58E-113	1.34147773
Rabac1	1.48E-101	0.42000259	0.851	0.787	1.47E-97	1.337929956
Acp5	2.42E-98	0.418121437	0.637	0.525	2.39E-94	1.336186546
Arid5b	2.18E-74	0.417812697	0.295	0.182	2.15E-70	1.335900629
Rpl7a-ps5	6.26E-101	0.41719497	0.255	0.085	6.19E-97	1.335328752

Luc7l2	2.03E-106	0.414957325	0.711	0.614	2.00E-102	1.333259238
Smchd1	3.09E-99	0.414591351	0.622	0.553	3.05E-95	1.332921069
Ccnl2	2.03E-119	0.41317353	0.565	0.451	2.01E-115	1.331611773
Arid5a	3.95E-94	0.41089882	0.332	0.196	3.90E-90	1.329513863
Itm2c	6.15E-88	0.410171805	0.465	0.35	6.08E-84	1.328844051
Parp14	1.68E-80	0.407128918	0.324	0.204	1.66E-76	1.326044249
Snhg9	1.55E-94	0.405311253	0.253	0.105	1.53E-90	1.324374606
Ppp1r9b	1.24E-90	0.40459667	0.241	0.097	1.22E-86	1.323718791
Gm10263	6.05E-104	0.4044185	0.196	0.032	5.97E-100	1.323555324
Ctse	1.05E-98	0.404417421	0.533	0.403	1.04E-94	1.323554334
Grcc10	1.07E-111	0.403416854	0.729	0.655	1.06E-107	1.322636714
Rapgef6	2.29E-97	0.401557967	0.811	0.763	2.26E-93	1.320933617
Gbp7	4.77E-65	0.398489563	0.459	0.363	4.72E-61	1.318127168
Cyb5a	2.00E-111	0.394838257	0.694	0.639	1.97E-107	1.314795348
Lgals3bp	2.42E-79	0.394323806	0.288	0.146	2.39E-75	1.314326588
Rcsd1	8.96E-96	0.39051998	0.55	0.467	8.85E-92	1.310865784
Lpcat3	8.09E-102	0.389929097	0.293	0.162	7.99E-98	1.310329004
Fnbp4	4.17E-86	0.387221072	0.358	0.224	4.12E-82	1.307871745
Gbp9	2.02E-76	0.38573691	0.389	0.278	2.00E-72	1.306526974
mt-Co1	6.07E-223	0.384666235	0.997	1	6.00E-219	1.305557713
Susd3	2.16E-83	0.382455497	0.259	0.129	2.13E-79	1.303558652
H2-D1	1.31E-294	0.379159765	1	1	1.29E-290	1.300584166
Tgtp2	2.79E-67	0.379096885	0.32	0.212	2.76E-63	1.300527481
Bmyc	9.72E-63	0.377861269	0.273	0.228	9.60E-59	1.299414103
Irf9	1.25E-74	0.376184558	0.44	0.32	1.23E-70	1.297904792
Nisch	2.72E-91	0.375188668	0.54	0.447	2.69E-87	1.297009159
Sapcd1	1.42E-28	0.373708639	0.124	0.056	1.40E-24	1.295679268
Ccr7	4.89E-86	0.372572923	0.771	0.752	4.83E-82	1.294659688
Mdm4	1.27E-85	0.372016931	0.377	0.26	1.26E-81	1.294160842
B4galnt1	7.32E-73	0.371745541	0.739	0.679	7.23E-69	1.293917416
Crlf2	2.37E-72	0.366717352	0.26	0.141	2.34E-68	1.289415608
Gbp4	5.76E-62	0.3646843	0.544	0.483	5.69E-58	1.287599837
Fam107b	2.14E-94	0.362573578	0.458	0.387	2.12E-90	1.285717403
Dhx58	8.23E-71	0.361922117	0.189	0.053	8.13E-67	1.285136958

Ifitm2	1.53E-67	0.357240232	0.181	0.039	1.51E-63	1.280973146
Dusp1	3.31E-69	0.356842652	0.155	0.039	3.27E-65	1.280620182
Ddx60	3.86E-53	0.356104152	0.286	0.163	3.82E-49	1.279964815
Ptp4a2	5.83E-81	0.351610909	0.751	0.708	5.76E-77	1.275984593
Cdkn2d	3.94E-94	0.351417901	0.538	0.476	3.90E-90	1.2758139
AY036118	1.99E-76	0.350411887	0.22	0.082	1.96E-72	1.274924564
Srsf10	6.91E-86	0.349952509	0.457	0.373	6.82E-82	1.274518671
Rnaset2a	9.68E-99	0.349185677	0.832	0.818	9.56E-95	1.27384141
Pml	2.81E-66	0.345901526	0.223	0.114	2.78E-62	1.270944936
Crif3	1.29E-78	0.3454733	0.607	0.561	1.27E-74	1.270567745
Trnp1	1.22E-117	0.345177761	0.134	0.002	1.20E-113	1.270307493
Gadd45g	4.17E-48	0.345170482	0.151	0.046	4.12E-44	1.270301084
Dtx3l	3.86E-63	0.344329321	0.309	0.197	3.81E-59	1.269560653
Cxcr4	6.45E-72	0.343349173	0.173	0.051	6.37E-68	1.268698423
Tra2b	1.27E-92	0.340988348	0.693	0.651	1.25E-88	1.266624024
Bcl2l11	2.20E-66	0.340308844	0.203	0.082	2.17E-62	1.266027589
Ndr3	2.49E-72	0.339893451	0.345	0.273	2.46E-68	1.265663116
Snhg20	4.30E-78	0.338079337	0.312	0.202	4.25E-74	1.26407261
Ifi27l2a	1.15E-56	0.338012785	0.914	0.882	1.14E-52	1.2640143
Ddx58	2.90E-67	0.337975415	0.303	0.199	2.86E-63	1.263981559
Gm5483	4.20E-133	0.337212932	0.14	0.001	4.15E-129	1.263313705
Klf9	4.16E-64	0.333739457	0.117	0.017	4.11E-60	1.260275772
Ttyh3	8.66E-73	0.333036463	0.213	0.093	8.55E-69	1.259661816
1600014C10Rik	1.76E-63	0.331303392	0.285	0.201	1.74E-59	1.258149527
Trem12	1.20E-74	0.331103376	0.317	0.243	1.19E-70	1.257975109
Hnrnpdl	1.16E-82	0.3292578	0.612	0.546	1.14E-78	1.256366866
Prelid2	7.90E-77	0.328538477	0.301	0.212	7.80E-73	1.255740601
Ankrd11	4.48E-75	0.328355177	0.689	0.645	4.42E-71	1.255581065
Tnrc6a	1.91E-83	0.328129029	0.45	0.386	1.89E-79	1.255384262
Ubc2	4.85E-75	0.327851788	0.496	0.419	4.79E-71	1.25514304
Bcl3	5.99E-57	0.327689914	0.165	0.058	5.91E-53	1.255002218
Gramd3	3.49E-65	0.325181403	0.571	0.501	3.44E-61	1.252821957
Anapc16	6.25E-84	0.322799862	0.411	0.335	6.17E-80	1.250755557
Irgm1	3.34E-51	0.322177234	0.366	0.271	3.30E-47	1.250215882

Cd47	2.33E-77	0.322015815	0.855	0.855	2.30E-73	1.250076006
Ddrgk1	6.62E-91	0.32178126	0.449	0.382	6.54E-87	1.249872784
Tmem50a	1.59E-86	0.321200876	0.799	0.798	1.57E-82	1.249370071
Sh3bp5	1.18E-63	0.321010059	0.295	0.191	1.16E-59	1.249204835
Stk24	5.16E-82	0.317613207	0.47	0.397	5.10E-78	1.24626702
Gm10094	7.68E-62	0.316762899	0.21	0.084	7.58E-58	1.2455327
Ubc	1.72E-72	0.312764824	0.421	0.341	1.70E-68	1.242085791
Mcmbp	6.43E-62	0.311079275	0.362	0.274	6.35E-58	1.240635467
Ube2s	1.09E-92	0.309604379	0.447	0.401	1.08E-88	1.239367789
Baz2b	2.45E-50	0.309130031	0.221	0.116	2.42E-46	1.238960361
Cited2	5.67E-64	0.308079986	0.213	0.137	5.60E-60	1.23805893
Trim30a	1.78E-55	0.307733815	0.357	0.266	1.76E-51	1.237761896
Fus	2.60E-72	0.306716348	0.845	0.827	2.57E-68	1.236889267
Abca1	4.03E-70	0.301846124	0.143	0.025	3.98E-66	1.232720838
Ndfip1	6.66E-65	0.301654458	0.312	0.236	6.58E-61	1.232557078
Arhgap15	5.13E-60	0.30034083	0.716	0.676	5.07E-56	1.2314353
Gm21092	3.50E-72	0.299903251	0.491	0.432	3.45E-68	1.231061854
Birc3	7.02E-68	0.299119012	0.238	0.159	6.93E-64	1.230392839
Wfdc17	3.38E-90	0.298773852	0.12	0.004	3.33E-86	1.230098507
Ifi35	2.39E-80	0.297382167	0.449	0.397	2.36E-76	1.228912474
Chmp1a	3.36E-75	0.297038097	0.317	0.224	3.32E-71	1.228619424
H3f3b	1.62E-77	0.296903801	0.993	0.994	1.60E-73	1.228505061
Rnf114	2.96E-67	0.296046929	0.396	0.318	2.92E-63	1.227775621
Gm10269	3.75E-66	0.295852418	0.176	0.051	3.70E-62	1.227610098
Hp	1.25E-98	0.295492398	0.118	0.002	1.24E-94	1.22730379
Cbx3	1.60E-80	0.294598156	0.566	0.551	1.58E-76	1.226543292
H2-Q7	9.10E-62	0.293950477	0.655	0.616	8.99E-58	1.225992775
Igfbp4	5.11E-25	0.290771147	0.691	0.616	5.04E-21	1.223293976
Gm9774	6.77E-63	0.290575871	0.187	0.075	6.69E-59	1.223128408
Abcg1	1.70E-54	0.288630048	0.267	0.18	1.68E-50	1.221479836
Amd1	8.77E-68	0.288287772	0.247	0.164	8.66E-64	1.221190077
Tmem203	4.05E-63	0.28794257	0.236	0.142	4.00E-59	1.220897911
Bloc1s1	7.27E-51	0.28696301	0.337	0.251	7.18E-47	1.220069228
Prpf38b	4.08E-69	0.286791902	0.601	0.581	4.03E-65	1.219924533

Zfp281	3.06E-59	0.286082431	0.343	0.277	3.02E-55	1.219324761
Gpr171	9.45E-58	0.284071089	0.235	0.168	9.34E-54	1.217626016
Gm6133	1.69E-62	0.282790292	0.15	0.033	1.67E-58	1.21654551
Sdf4	8.56E-70	0.282314413	0.622	0.599	8.45E-66	1.216144294
Ssbp2	6.01E-58	0.281082126	0.321	0.261	5.94E-54	1.21510596
Psap	1.59E-63	0.279047686	0.577	0.534	1.57E-59	1.213393666
Akap13	2.46E-62	0.278448143	0.686	0.681	2.43E-58	1.212889519
Mfhas1	6.52E-55	0.278186738	0.19	0.11	6.44E-51	1.212669773
Uvssa	3.56E-54	0.277970586	0.234	0.148	3.52E-50	1.212488098
Rbbp6	1.24E-68	0.277808028	0.463	0.412	1.23E-64	1.212351487
Mitd1	8.54E-64	0.2756182	0.435	0.401	8.44E-60	1.210512687
Ifih1	8.42E-39	0.274590371	0.173	0.084	8.32E-35	1.209650581
Mau2	5.35E-53	0.274425948	0.266	0.178	5.29E-49	1.209512725
Maf1	1.77E-61	0.273786108	0.455	0.393	1.75E-57	1.208976421
Taf1d	1.01E-56	0.27283683	0.421	0.389	9.98E-53	1.20818119
Dpp4	6.27E-46	0.272810867	0.305	0.233	6.19E-42	1.208159447
Syt11	3.91E-48	0.271392081	0.172	0.075	3.87E-44	1.206971894
Ifitm3	4.30E-36	0.271246904	0.103	0.024	4.25E-32	1.206850443
Rab27a	3.54E-63	0.270973155	0.159	0.074	3.50E-59	1.206621467
Rbm22	2.85E-63	0.26790628	0.353	0.292	2.81E-59	1.204059161
Clk1	2.41E-63	0.267558606	0.505	0.465	2.38E-59	1.20376903
Rnf166	4.53E-61	0.267486869	0.263	0.189	4.47E-57	1.203709176
Gm9844	3.71E-51	0.266868596	0.153	0.054	3.67E-47	1.203193432
Matr3	1.60E-63	0.26666309	0.535	0.5	1.58E-59	1.203022054
Rps27	1.57E-269	0.266411626	1	1	1.55E-265	1.202812384
Srgn	2.58E-39	0.266271428	0.681	0.688	2.55E-35	1.202695503
Klf2	5.54E-43	0.264749745	0.926	0.946	5.48E-39	1.201427627
Cbx7	4.78E-57	0.264526368	0.172	0.096	4.72E-53	1.201241621
Trim14	1.13E-54	0.264294283	0.159	0.072	1.11E-50	1.201048394
Msh3	4.21E-49	0.263211499	0.22	0.148	4.16E-45	1.200147311
Gm10250	5.15E-54	0.26276833	0.147	0.044	5.09E-50	1.199778705
Map3k8	7.57E-47	0.262755363	0.111	0.033	7.48E-43	1.199767921
mt-Nd5	1.66E-58	0.261621705	0.622	0.609	1.64E-54	1.198825523
Asb13	2.76E-58	0.261472455	0.242	0.168	2.73E-54	1.198701509



Cdc42se2	5.99E-63	0.259213163	0.445	0.419	5.91E-59	1.196825785
Prkch	2.92E-62	0.258800203	0.332	0.285	2.88E-58	1.196483252
Gimap5	1.04E-63	0.258538489	0.439	0.429	1.02E-59	1.196266222
Arl6ip5	3.97E-58	0.258516131	0.732	0.713	3.92E-54	1.196247683
Trim21	1.42E-59	0.258308937	0.175	0.097	1.40E-55	1.196075895
Reep5	5.77E-49	0.258184977	0.469	0.416	5.70E-45	1.19597313
Pnrc1	8.50E-69	0.257873821	0.678	0.704	8.39E-65	1.195715214
Gna13	1.70E-49	0.2576548	0.28	0.207	1.68E-45	1.195533702
Stat2	3.13E-45	0.257528986	0.155	0.071	3.09E-41	1.195429447
Sema4d	2.01E-53	0.256428196	0.263	0.194	1.99E-49	1.19451767
Gpr65	5.71E-46	0.255095525	0.218	0.146	5.64E-42	1.19341476
Vmp1	7.25E-52	0.255071123	0.275	0.214	7.16E-48	1.193394575
Sun2	1.44E-60	0.254414086	0.288	0.227	1.42E-56	1.192851199
Rbm3	1.53E-57	0.254396741	0.951	0.952	1.51E-53	1.192836857
Pofut2	4.89E-54	0.254387126	0.172	0.092	4.83E-50	1.192828908
Anxa1	9.67E-61	0.252981549	0.107	0.01	9.56E-57	1.191667334
Psme2b	4.25E-47	0.252845057	0.286	0.212	4.19E-43	1.191554596
Rcan3	1.76E-50	0.252133821	0.145	0.074	1.74E-46	1.190967315
Zcchc11	9.44E-49	0.251789601	0.395	0.33	9.32E-45	1.19068319
Jund	1.18E-49	0.251115092	0.591	0.579	1.17E-45	1.190126635
2810474019Rik	1.70E-46	0.250472215	0.43	0.41	1.68E-42	1.189596423
Gm12355	1.60E-48	0.250314527	0.149	0.053	1.58E-44	1.189466406
Mplkip	1.75E-56	-0.250074874	0.085	0.263	1.73E-52	0.840852775
Polr2g	8.10E-70	-0.250076453	0.269	0.517	8.00E-66	0.840851855
Icam2	6.50E-54	-0.25089765	0.107	0.292	6.42E-50	0.840373369
Hsp90aa1	4.59E-51	-0.251084176	0.472	0.7	4.53E-47	0.840264725
Rps17	3.47E-136	-0.251234767	0.996	1	3.43E-132	0.840177021
Trp53	2.66E-65	-0.251479315	0.357	0.611	2.63E-61	0.840034616
Tubb5	2.04E-47	-0.251637019	0.687	0.866	2.02E-43	0.839942795
I7Rn6	2.47E-57	-0.25204239	0.072	0.249	2.44E-53	0.83970682
Ndufb2	6.64E-53	-0.252648834	0.239	0.459	6.55E-49	0.839353919
Rps8	3.18E-201	-0.252744485	1	1	3.14E-197	0.839298272
Ech1	2.72E-52	-0.252978969	0.134	0.326	2.69E-48	0.83916187
Sh3kbp1	1.57E-62	-0.253271445	0.295	0.539	1.55E-58	0.838991765

Filip1l	4.53E-48	-0.253277796	0.111	0.287	4.48E-44	0.838988071
Cox6b1	4.82E-68	-0.253648453	0.654	0.874	4.76E-64	0.838772546
Coa3	5.68E-68	-0.25511706	0.181	0.41	5.61E-64	0.837919143
Rps15	6.64E-208	-0.25702915	0.998	1	6.56E-204	0.836809335
Rpl10a	1.15E-170	-0.258034516	0.998	1	1.14E-166	0.836226393
G0s2	6.54E-37	-0.25909442	0.033	0.153	6.46E-33	0.835612269
Ccdc124	1.20E-50	-0.259146764	0.123	0.313	1.19E-46	0.835581951
Cct5	7.61E-58	-0.2594609	0.448	0.692	7.52E-54	0.83540003
Sugt1	3.91E-56	-0.259689792	0.22	0.444	3.86E-52	0.835267499
Rps7	1.04E-232	-0.26026042	1	1	1.03E-228	0.834937192
Gimap1	7.18E-66	-0.260561759	0.606	0.838	7.09E-62	0.834762815
Flna	1.81E-41	-0.260958537	0.146	0.326	1.79E-37	0.834533265
Dok2	1.25E-48	-0.261149487	0.313	0.534	1.23E-44	0.834422817
Stra13	9.17E-59	-0.261806503	0.209	0.435	9.06E-55	0.8340429
Rps27l	6.00E-55	-0.262122214	0.435	0.675	5.93E-51	0.833860402
Borcs8	1.48E-53	-0.262133313	0.144	0.344	1.46E-49	0.833853988
Aldoa	2.77E-51	-0.26217128	0.574	0.79	2.74E-47	0.833832043
Dtx1	8.00E-39	-0.263717375	0.066	0.212	7.90E-35	0.832938928
Hnrnpa2b1	2.92E-60	-0.264458693	0.668	0.872	2.89E-56	0.832511039
Uqcc2	6.53E-58	-0.265110002	0.178	0.395	6.45E-54	0.832135284
Eef1a1	1.86E-257	-0.265527679	1	1	1.84E-253	0.831894406
Ranbp1	6.81E-56	-0.26684844	0.453	0.694	6.73E-52	0.83113317
Pole4	5.34E-53	-0.267559504	0.33	0.563	5.28E-49	0.830723629
Taldo1	2.69E-56	-0.268542018	0.36	0.604	2.66E-52	0.830158077
Smc4	1.82E-48	-0.269041027	0.413	0.641	1.80E-44	0.829870986
Cox6a1	3.77E-62	-0.269940591	0.601	0.829	3.73E-58	0.829353697
Cd27	3.21E-58	-0.270907723	0.618	0.835	3.17E-54	0.828797914
Cct4	9.05E-54	-0.271821624	0.434	0.672	8.94E-50	0.828273063
Slc25a4	2.42E-56	-0.275293016	0.42	0.664	2.39E-52	0.826282481
Vasp	7.89E-67	-0.276521976	0.573	0.815	7.80E-63	0.825578911
Ndufa3	1.22E-68	-0.278689125	0.546	0.797	1.20E-64	0.824339696
Lamtor2	3.64E-82	-0.279449099	0.352	0.638	3.59E-78	0.82390557
Fam162a	3.82E-57	-0.280361293	0.129	0.335	3.77E-53	0.823384792
AW112010	2.29E-40	-0.280532547	0.66	0.832	2.26E-36	0.823287058

Cox7c		2.23E-62	-0.280579707	0.739	0.912	2.20E-58	0.823260147
Plekhj1		5.71E-68	-0.280901218	0.283	0.542	5.64E-64	0.8230767
Rps3a1		4.01E-248	-0.282396647	1	1	3.96E-244	0.82222398
Lck		3.13E-72	-0.282857109	0.815	0.954	3.09E-68	0.821961594
Bin1		4.04E-60	-0.284449006	0.229	0.466	3.99E-56	0.821055126
Stk17b		3.42E-64	-0.284623484	0.45	0.707	3.37E-60	0.820955835
Tln1		6.37E-63	-0.284933298	0.426	0.682	6.29E-59	0.820779556
Med28		3.25E-66	-0.285596089	0.368	0.632	3.21E-62	0.820402567
Cd79b		4.73E-54	-0.287515326	0.103	0.293	4.67E-50	0.8193119
Mrpl42		3.55E-62	-0.287612994	0.186	0.419	3.51E-58	0.819256436
	Sep-01	3.07E-68	-0.288004182	0.727	0.915	3.04E-64	0.819034324
Rbx1		8.08E-70	-0.288307097	0.568	0.815	7.98E-66	0.818862374
Skap1		1.95E-65	-0.289375931	0.669	0.878	1.93E-61	0.818255936
Ptprc		4.23E-75	-0.289450091	0.851	0.969	4.18E-71	0.818213876
Tubb4b		5.92E-66	-0.29067634	0.237	0.484	5.85E-62	0.817518713
Emp3		2.31E-56	-0.291499448	0.536	0.768	2.28E-52	0.817052423
Ndufa4		4.18E-75	-0.292174394	0.727	0.919	4.12E-71	0.816670266
BC031181		1.02E-70	-0.292577837	0.199	0.449	1.01E-66	0.816441919
Atp5e		5.32E-77	-0.293991527	0.782	0.945	5.25E-73	0.815642284
Atp5h		9.18E-86	-0.295405829	0.761	0.945	9.06E-82	0.814843085
Bbip1		7.86E-58	-0.295626932	0.063	0.248	7.77E-54	0.814718215
Rpl5		5.73E-127	-0.298334671	0.963	0.998	5.66E-123	0.813190536
	Sep-06	9.25E-73	-0.298962055	0.265	0.533	9.13E-69	0.81283698
Timm13		2.14E-63	-0.300331834	0.365	0.626	2.11E-59	0.812065592
Rpl41		0	-0.300888873	1	1	0	0.811752106
Actr3		1.11E-75	-0.302320119	0.736	0.923	1.10E-71	0.810947195
Gpx1		1.17E-64	-0.302937068	0.352	0.615	1.15E-60	0.810600479
Rpl37		1.06E-281	-0.303320788	1	1	1.05E-277	0.810384908
Hspa8		4.68E-88	-0.304517877	0.921	0.99	4.62E-84	0.809712763
Evl		1.86E-63	-0.306415303	0.496	0.748	1.84E-59	0.808648532
Hnrnpa1		3.34E-67	-0.306422347	0.426	0.692	3.30E-63	0.808644584
S100a13		2.57E-63	-0.306680349	0.243	0.494	2.54E-59	0.808499985
Rpl37a		2.68E-275	-0.307418473	1	1	2.65E-271	0.808086438
Ppia		1.39E-200	-0.307751761	0.994	1	1.37E-196	0.807899778

Gng5	6.04E-82	-0.308260758	0.605	0.857	5.97E-78	0.807614793
Rps2	7.01E-185	-0.3084365	0.999	1	6.92E-181	0.80751642
mt-Cytb	2.60E-156	-0.308672621	0.98	1	2.57E-152	0.807384267
Cdc42	4.53E-75	-0.310060609	0.66	0.883	4.48E-71	0.806607872
Coro1a	1.94E-128	-0.315767137	0.95	0.998	1.92E-124	0.803423666
Actb	1.31E-101	-0.317927823	0.99	1	1.29E-97	0.8022213
Arpc5	2.30E-68	-0.318533593	0.638	0.859	2.27E-64	0.801884528
Tuba1b	3.02E-52	-0.319620018	0.566	0.783	2.98E-48	0.801280894
Ywhab	3.03E-66	-0.322146948	0.266	0.528	2.99E-62	0.799878651
1810037I17Rik	3.63E-83	-0.325086757	0.287	0.58	3.59E-79	0.798250382
Dbi	7.78E-62	-0.32537563	0.162	0.397	7.68E-58	0.798090563
Mrps21	1.63E-86	-0.325497696	0.253	0.544	1.61E-82	0.798023039
Eif3h	6.74E-90	-0.328985738	0.821	0.958	6.66E-86	0.796095969
Atp5d	1.90E-77	-0.335444538	0.493	0.769	1.88E-73	0.792539894
Supt4a	2.57E-84	-0.337423544	0.459	0.751	2.54E-80	0.791453478
Acyp1	1.81E-70	-0.338165308	0.086	0.309	1.78E-66	0.791046656
Ppp1ca	2.80E-86	-0.338628196	0.667	0.897	2.76E-82	0.790792889
Eif4a1	1.25E-85	-0.339505808	0.771	0.943	1.23E-81	0.790311985
Pomp	2.01E-86	-0.340080539	0.401	0.702	1.98E-82	0.789997209
Clec2d	3.22E-75	-0.340659045	0.174	0.433	3.18E-71	0.789680491
Nhp2	9.60E-58	-0.340841802	0.24	0.484	9.48E-54	0.789580463
Scp2	2.30E-85	-0.340907816	0.497	0.784	2.27E-81	0.789544335
Cd3g	3.48E-113	-0.341011827	0.911	0.989	3.43E-109	0.789487414
Rpl9	0	-0.341064294	1	1	0	0.789458704
Oxct1	9.21E-69	-0.34408978	0.087	0.309	9.09E-65	0.787804859
Nop10	2.63E-85	-0.347702953	0.599	0.854	2.59E-81	0.785834301
Arpc3	2.36E-97	-0.349504616	0.517	0.815	2.33E-93	0.78485355
Rpl22	4.05E-176	-0.350937305	0.963	0.998	4.00E-172	0.784074527
Mrpl33	8.55E-79	-0.353481193	0.428	0.716	8.44E-75	0.782693195
Tma7	1.30E-97	-0.354354563	0.801	0.952	1.28E-93	0.782219516
Cdk2ap2	3.02E-89	-0.354439441	0.616	0.869	2.99E-85	0.782173498
Rpl28	1.71E-215	-0.358750909	0.985	1	1.69E-211	0.779839476
Cap1	4.07E-82	-0.360221442	0.499	0.78	4.02E-78	0.779044993
Rps18	0	-0.360601134	1	1	0	0.778839989

Nme1	4.15E-77	-0.36202997	0.571	0.824	4.10E-73	0.778069013
Rps12	2.14E-167	-0.362529772	0.963	0.999	2.11E-163	0.777799509
Ms4a4c	1.55E-52	-0.362889754	0.197	0.422	1.54E-48	0.777605456
Hsp90b1	4.68E-73	-0.370460052	0.253	0.531	4.62E-69	0.77353579
Hsp90ab1	3.36E-88	-0.372742176	0.752	0.936	3.32E-84	0.772313141
Mien1	1.03E-87	-0.372941446	0.19	0.481	1.01E-83	0.772206473
Ms4a6b	1.65E-105	-0.373005021	0.812	0.965	1.63E-101	0.772172446
Ptpn6	8.45E-71	-0.380896076	0.242	0.514	8.35E-67	0.767960452
Sec61b	2.73E-105	-0.383265557	0.544	0.842	2.70E-101	0.76670019
Ifi27	3.20E-81	-0.383760301	0.264	0.558	3.16E-77	0.766437311
Npm1	2.99E-125	-0.384469812	0.915	0.988	2.96E-121	0.766060473
Id3	6.83E-49	-0.384656916	0.079	0.255	6.75E-45	0.765961128
Rpl7a	1.66E-170	-0.38556134	0.922	0.996	1.64E-166	0.765481099
Gnb2l1	5.48E-191	-0.394277857	0.941	0.997	5.41E-187	0.760870136
Arhgdib	7.35E-177	-0.397560707	0.955	0.997	7.26E-173	0.759140746
Calr	2.17E-87	-0.404452492	0.399	0.704	2.15E-83	0.755522962
Rpl7	0	-0.405958529	0.99	1	0	0.754734679
Rpl22l1	1.41E-190	-0.410384053	0.967	0.996	1.39E-186	0.752423048
Cfl1	1.95E-186	-0.412265628	0.937	0.995	1.93E-182	0.751442371
Gimap4	1.20E-108	-0.417062019	0.595	0.876	1.18E-104	0.74894827
Cotl1	3.04E-112	-0.424383331	0.631	0.896	3.00E-108	0.745157175
Ran	1.06E-95	-0.426683065	0.513	0.804	1.05E-91	0.743970301
Edf1	7.08E-105	-0.429609079	0.421	0.748	6.99E-101	0.74246294
Myl6	2.58E-173	-0.431250922	0.897	0.991	2.55E-169	0.741618469
Cd8a	1.41E-33	-0.434285312	0.269	0.446	1.40E-29	0.740060278
Eef1d	1.56E-121	-0.437835557	0.569	0.867	1.54E-117	0.738241345
Prdx1	2.87E-117	-0.448296019	0.527	0.839	2.84E-113	0.732907982
Naca	2.13E-253	-0.448824851	0.933	0.998	2.10E-249	0.732639377
H2-Aa	2.72E-100	-0.461347124	0.243	0.572	2.69E-96	0.726307748
Calm1	9.18E-178	-0.465152707	0.852	0.986	9.07E-174	0.724394397
Tagln2	4.64E-101	-0.465614019	0.361	0.691	4.58E-97	0.724162804
H2-Eb1	5.57E-90	-0.467455301	0.14	0.429	5.50E-86	0.72323916
Abrac1	5.37E-129	-0.480014835	0.438	0.791	5.30E-125	0.716970252
Rexo2	4.06E-106	-0.480720124	0.242	0.581	4.01E-102	0.716619832

Sh3bgrl3	1.07E-159	-0.485926029	0.788	0.968	1.06E-155	0.714038599
Cdc37	6.59E-117	-0.490887197	0.264	0.621	6.51E-113	0.711587367
Rpl36a1	7.37E-218	-0.491642837	0.85	0.988	7.28E-214	0.711214757
Hspe1	3.36E-113	-0.493776368	0.552	0.843	3.32E-109	0.710163753
Myl12a	2.72E-172	-0.494620771	0.694	0.95	2.69E-168	0.709748219
Ly6c2	1.69E-27	-0.501396734	0.273	0.439	1.67E-23	0.706422532
Dapl1	1.82E-38	-0.517082945	0.463	0.626	1.80E-34	0.69878331
H2-Ab1	3.07E-118	-0.517667286	0.211	0.565	3.03E-114	0.698500336
Thy1	1.41E-106	-0.524694807	0.42	0.744	1.39E-102	0.69510614
Chd3	6.17E-140	-0.547681575	0.326	0.713	6.10E-136	0.684118631
Rac2	1.67E-264	-0.548083936	0.839	0.992	1.65E-260	0.68392786
Serf2	9.76E-282	-0.551150674	0.844	0.991	9.64E-278	0.682475578
S100a10	1.08E-132	-0.553054755	0.466	0.814	1.07E-128	0.681575435
Cnn2	1.28E-171	-0.566223503	0.532	0.884	1.27E-167	0.675382404
Rpl10	0	-0.581474084	0.991	1	0	0.668280608
Gimap7	2.54E-129	-0.588883375	0.172	0.538	2.51E-125	0.664857298
Cd8b1	1.60E-40	-0.593766182	0.403	0.585	1.58E-36	0.66261089
Lcp1	2.97E-187	-0.636633233	0.398	0.816	2.93E-183	0.643212241
Dynll1	1.90E-191	-0.670928468	0.42	0.827	1.88E-187	0.628102332
Cd74	1.20E-200	-0.698552335	0.382	0.817	1.19E-196	0.616190209
Cd52	0	-0.70465795	0.959	1	0	0.613587948
Lgals1	5.68E-118	-0.729729256	0.126	0.461	5.61E-114	0.603017069
Eef1g	0	-0.759242878	0.775	0.99	0	0.590806303
Pfn1	0	-0.770736971	0.986	1	0	0.586117992
Actg1	0	-0.877125207	0.833	0.994	0	0.544451254
Tmsb4x	0	-0.95103763	1	1	0	0.517260299