

Supplementary material

Table S2: 11ldifference expression genes between S1 immune group and S2 immune group

ID	log2FC	logCPM	PValue	FDR	regulate
FGR	1.296662032	3.181451577	1.45E-24	8.20E-23	Up
CFH	1.345620132	6.210572366	6.01E-26	3.71E-24	Up
LAP3	1.154076346	7.232230308	1.99E-24	1.11E-22	Up
TMEM176A	1.414315523	4.31759291	5.36E-26	3.34E-24	Up
HSPB6	1.323436291	4.360481841	2.28E-05	0.000100072	Up
PDK4	1.843792681	4.005987284	7.41E-11	1.10E-09	Up
THSD7A	1.143250077	0.773774123	3.49E-11	5.54E-10	Up
ITGAL	2.323958003	4.043047304	8.14E-52	3.16E-48	Up
DLX6	-1.14805612	1.184756666	1.79E-09	2.05E-08	Down
PRSS21	-1.01738158	2.879668424	0.000688427	0.001994817	Down
CEACAM21	1.232247314	0.338482382	2.65E-13	5.78E-12	Up
CD79B	1.555742749	1.558891504	2.75E-20	1.18E-18	Up
SCN4A	1.6743202	2.069428921	7.60E-06	3.76E-05	Up
BAIAP3	-1.03885228	1.963992651	1.19E-13	2.70E-12	Down
SELE	1.6074439	3.49391331	6.49E-12	1.17E-10	Up
MGST1	-1.26510516	4.945159496	4.82E-06	2.52E-05	Down
MMP25	1.076832206	2.348646838	3.42E-14	8.27E-13	Up
IL32	1.066736114	6.759960739	1.30E-11	2.22E-10	Up
TRAF3IP3	1.043375784	2.503718839	9.92E-19	3.87E-17	Up
ETV7	1.200702372	4.141079749	1.52E-13	3.40E-12	Up
HHATL	1.520584861	1.570373009	0.000314082	0.001005088	Up
STAB1	1.288694216	5.638409257	3.49E-27	2.39E-25	Up
CD4	1.785479731	5.4654644	4.21E-43	1.36E-40	Up
BTK	1.516000827	2.169278362	8.81E-37	1.29E-34	Up
FMO1	1.161016321	2.501802651	3.51E-09	3.75E-08	Up
TYROBP	1.376524924	5.199800729	1.42E-23	7.55E-22	Up
CD22	1.404093082	0.871065193	2.10E-15	5.86E-14	Up
LTF	1.5702587	6.638568535	0.000284789	0.000922385	Up
ALOX5	1.28170952	3.52336642	1.23E-20	5.37E-19	Up
CD6	1.492322921	3.119396712	1.07E-24	6.19E-23	Up
WAS	1.662881502	3.20916068	1.60E-42	4.60E-40	Up
ATP1A2	1.476872215	3.887632821	5.10E-05	0.000202825	Up
CD74	1.98860578	10.80237666	3.40E-36	4.58E-34	Up
HGF	1.747650549	1.0613289	4.72E-20	2.02E-18	Up
ADGRA2	1.123410139	4.569445662	7.61E-14	1.77E-12	Up
FHL1	1.112344347	6.892508431	8.14E-06	4.00E-05	Up
ABCC2	-1.13625997	1.2093551	1.50E-09	1.74E-08	Down
KCNQ1	-1.00001374	2.109211016	7.78E-07	4.92E-06	Down
SLAMF7	1.520040043	4.523157566	1.00E-22	5.06E-21	Up
BTN3A1	1.00021556	5.065555342	1.70E-22	8.40E-21	Up
TNFRSF1B	1.567569193	5.515030901	6.28E-43	1.99E-40	Up
MYOM2	1.28059795	3.182849854	1.95E-06	1.12E-05	Up
VCAN	1.000502028	7.305114082	3.17E-07	2.18E-06	Up
MSR1	1.529141133	3.925104875	2.16E-20	9.37E-19	Up
LCP2	1.832370708	4.433421049	1.86E-53	1.45E-49	Up
EPHA3	1.498639601	2.252779973	1.82E-12	3.54E-11	Up
CELF2	1.397821708	4.090939091	7.44E-25	4.34E-23	Up
TNFRSF9	1.643322332	2.584640603	3.01E-33	3.09E-31	Up

FOXP3	1. 895188916	3. 102227889	8. 49E-49	1. 20E-45	Up
CHRD2	1. 827293165	1. 125950839	6. 10E-13	1. 26E-11	Up
CYFIP2	1. 099946824	3. 637641907	2. 25E-16	7. 02E-15	Up
TBXAS1	1. 229830187	3. 156733705	7. 50E-27	5. 06E-25	Up
ANKRD44	1. 1848427	2. 70329239	1. 19E-24	6. 80E-23	Up
CD84	2. 033121745	3. 29046072	3. 21E-34	3. 63E-32	Up
SPI1	1. 533131337	4. 464276796	1. 51E-37	2. 36E-35	Up
PYGM	2. 144750533	4. 152312594	4. 62E-08	3. 90E-07	Up
ABCC9	1. 000623798	2. 74010938	1. 38E-08	1. 31E-07	Up
GAL	-1. 71523037	2. 14163963	6. 63E-10	8. 33E-09	Down
SPTB	1. 517831464	4. 166913795	6. 31E-08	5. 19E-07	Up
MGAT4A	1. 000087606	3. 398661821	2. 18E-18	8. 17E-17	Up
FCGR2B	1. 265223697	2. 064397537	6. 57E-21	2. 90E-19	Up
CYP2W1	-1. 73779888	1. 775334906	3. 97E-10	5. 23E-09	Down
ST6GAL1	1. 2056692	4. 840987693	2. 21E-14	5. 55E-13	Up
TBX21	1. 92628244	0. 231706181	1. 29E-26	8. 46E-25	Up
GLI2	-1. 50440203	3. 597960433	2. 51E-14	6. 22E-13	Down
IPCEF1	1. 439716017	1. 000691364	3. 62E-26	2. 32E-24	Up
ARHGAP15	1. 624110167	1. 877686284	3. 39E-42	9. 06E-40	Up
ICAM3	1. 511331102	0. 935573295	6. 19E-20	2. 59E-18	Up
NMRK2	1. 302243247	1. 389016686	0. 00276021	0. 006751005	Up
APBB1IP	1. 698302731	2. 832973359	9. 84E-37	1. 41E-34	Up
ACTN2	1. 542326473	6. 287797829	0. 000185233	0. 000633954	Up
ITGA8	1. 037794271	1. 789191147	3. 32E-12	6. 22E-11	Up
CST7	1. 736360922	2. 865390911	8. 03E-35	9. 58E-33	Up
LAMP3	1. 041751743	5. 924240905	4. 55E-12	8. 38E-11	Up
P2RY10	2. 447121959	0. 540918908	7. 11E-45	2. 90E-42	Up
ITM2A	1. 402012258	2. 95403567	1. 27E-21	5. 87E-20	Up
SP140	1. 050660576	2. 086753231	6. 24E-10	7. 90E-09	Up
MEF2C	1. 306455716	4. 874456719	2. 23E-10	3. 07E-09	Up
PTPRC	2. 334802366	5. 162729291	2. 61E-51	6. 75E-48	Up
CACNA1S	1. 651884054	3. 000181154	0. 000100302	0. 000366915	Up
SLC27A5	-1. 06802599	2. 096433708	2. 95E-12	5. 57E-11	Down
ZNF671	1. 090319686	0. 656222893	9. 58E-20	3. 97E-18	Up
FCN1	1. 576305137	1. 573076153	2. 03E-12	3. 94E-11	Up
PILRA	1. 447158432	2. 453223447	1. 91E-24	1. 07E-22	Up
ABCB1	1. 324018221	0. 634949211	1. 24E-19	5. 09E-18	Up
LAT2	1. 020955413	3. 051130776	1. 27E-26	8. 36E-25	Up
MYBPC2	1. 692627379	5. 609178864	1. 64E-05	7. 48E-05	Up
ADAMTS2	1. 138250305	6. 615970199	7. 31E-12	1. 30E-10	Up
NID2	1. 232836677	4. 30406061	1. 03E-11	1. 80E-10	Up
CASS4	1. 797793616	0. 96069589	4. 88E-35	6. 01E-33	Up
PIR	-1. 11570538	4. 439376121	2. 88E-19	1. 17E-17	Down
SIGLEC1	2. 026545543	3. 86203597	1. 40E-35	1. 77E-33	Up
SIRPG	2. 493496656	1. 630036125	3. 55E-48	3. 27E-45	Up
LAG3	2. 378371322	3. 542918354	3. 99E-34	4. 42E-32	Up
RGS1	1. 258436619	5. 375171484	5. 75E-18	2. 08E-16	Up
ICAM1	1. 171233344	6. 440150482	1. 28E-19	5. 26E-18	Up
LYZ	2. 18146804	7. 086495459	1. 68E-27	1. 18E-25	Up
CD209	2. 271079847	3. 137496497	1. 02E-39	1. 95E-37	Up
SMPX	1. 554119684	3. 362479941	0. 000253988	0. 00083571	Up

MYH7	2. 097187387	6. 719253901	3. 97E-06	2. 11E-05	Up
ADA2	1. 710489443	5. 019281696	5. 52E-29	4. 39E-27	Up
FMO2	1. 243868649	3. 589663756	1. 10E-05	5. 23E-05	Up
JAK2	1. 027035717	4. 302092359	3. 12E-16	9. 68E-15	Up
IL12RB1	2. 198783228	2. 719540174	1. 34E-42	3. 91E-40	Up
DERL3	1. 226403639	3. 910168796	6. 48E-10	8. 18E-09	Up
OSM	1. 491971687	2. 781632069	2. 99E-11	4. 78E-10	Up
SUSD2	-1. 36936407	4. 034835275	6. 61E-12	1. 18E-10	Down
CYTH4	1. 607550155	3. 836415941	2. 23E-40	4. 68E-38	Up
LGALS2	1. 289264532	1. 243180236	1. 45E-15	4. 15E-14	Up
TPTEP1	-2. 18646994	2. 004451611	1. 65E-22	8. 23E-21	Down
APOL4	1. 390950823	4. 347100496	1. 81E-16	5. 75E-15	Up
PNPLA3	-1. 14988871	0. 459691275	4. 23E-12	7. 82E-11	Down
GRAP2	1. 785876038	1. 386963105	4. 02E-33	4. 05E-31	Up
NCF4	1. 138781329	3. 024107125	2. 93E-22	1. 44E-20	Up
CSF2RB	1. 440189514	4. 255337045	7. 90E-23	4. 02E-21	Up
IL2RB	1. 993220157	4. 421819915	1. 49E-48	1. 78E-45	Up
CTSG	1. 362573207	1. 123650593	4. 44E-09	4. 63E-08	Up
GZMH	2. 632543621	2. 176452085	5. 32E-28	3. 91E-26	Up
GZMB	2. 181644664	3. 813339375	4. 35E-30	3. 77E-28	Up
GALNT16	1. 147128629	0. 462088445	1. 23E-07	9. 40E-07	Up
SLA2	2. 319121089	1. 91253962	4. 80E-48	4. 14E-45	Up
NFATC2	1. 3082191	3. 65383683	5. 48E-25	3. 25E-23	Up
DOK5	1. 041191886	0. 564823757	1. 17E-07	9. 03E-07	Up
RASSF2	1. 45698745	3. 953877637	1. 89E-29	1. 55E-27	Up
MYLK2	1. 777616582	1. 331248743	1. 61E-11	2. 69E-10	Up
SIRPB1	1. 53219938	0. 592483849	4. 14E-18	1. 51E-16	Up
SAMHD1	1. 594095306	7. 061113199	5. 22E-40	1. 05E-37	Up
PPP1R16B	1. 907813848	3. 288668234	7. 74E-43	2. 40E-40	Up
TNNC2	1. 192082888	4. 7239705	0. 000962094	0. 002680181	Up
MYOM1	1. 407510697	3. 622070488	3. 29E-06	1. 78E-05	Up
ATP1B4	1. 554934386	1. 080023122	8. 80E-05	0. 000326582	Up
TLR8	2. 493884592	1. 638562525	1. 21E-43	4. 28E-41	Up
CHRD1	1. 097980274	1. 682338481	0. 000513238	0. 001543695	Up
PIM2	1. 087778052	4. 630812032	2. 80E-15	7. 65E-14	Up
PCSK1N	-1. 94736911	1. 200962253	2. 70E-14	6. 66E-13	Down
PCYT1B	-1. 38162306	0. 687637422	6. 24E-09	6. 34E-08	Down
VGLL1	-1. 00924072	1. 334124023	2. 00E-05	8. 89E-05	Down
RUBCNL	1. 249226573	1. 765563827	8. 29E-21	3. 64E-19	Up
TNFSF13B	1. 597436756	3. 18406487	2. 99E-26	1. 93E-24	Up
SGCG	1. 454710366	1. 478706918	1. 10E-05	5. 21E-05	Up
MSLN	-1. 53322891	5. 34708307	2. 06E-07	1. 49E-06	Down
CORO1A	1. 339337126	5. 655586998	5. 01E-29	4. 00E-27	Up
ZNF423	1. 19038288	2. 218119013	1. 23E-12	2. 46E-11	Up
CCL22	1. 315255862	3. 628828106	2. 72E-17	9. 28E-16	Up
RHBDL1	-1. 10660765	1. 351441696	4. 75E-10	6. 17E-09	Down
IL21R	1. 950832215	2. 486234758	1. 31E-33	1. 39E-31	Up
AQP9	1. 412791368	2. 484369264	1. 95E-10	2. 69E-09	Up
IGDCC4	1. 197569536	1. 706819688	5. 38E-12	9. 79E-11	Up
ATP8B4	1. 098324334	1. 073641344	7. 59E-23	3. 89E-21	Up
PDGFRL	1. 149458654	2. 916674895	2. 02E-08	1. 83E-07	Up

CALB1	-2.0898098	4.671425461	1.10E-09	1.31E-08	Down
CCN4	1.17620585	4.009475716	1.54E-11	2.59E-10	Up
MAP4K1	1.447695368	2.694071648	1.04E-23	5.60E-22	Up
CKM	1.928008439	7.215241835	3.80E-06	2.03E-05	Up
CD37	1.711306507	3.585738216	1.60E-38	2.76E-36	Up
IL4I1	1.026074537	3.434615171	1.20E-10	1.71E-09	Up
LILRB1	1.977719128	2.432891702	3.14E-42	8.55E-40	Up
RASAL3	1.388978984	3.095889117	5.92E-27	4.02E-25	Up
CD79A	1.960616886	3.04147406	1.57E-14	4.02E-13	Up
NKG7	2.482789243	3.395521012	2.84E-34	3.24E-32	Up
CAPS	-1.07082405	2.955580004	1.26E-11	2.16E-10	Down
LILRB5	1.960956234	1.973723426	2.26E-30	1.98E-28	Up
MAST1	-1.23440425	0.50085962	5.84E-14	1.37E-12	Down
PIK3CG	2.173642405	1.891925155	5.73E-38	9.46E-36	Up
PON3	-1.1499812	1.128510645	1.48E-06	8.71E-06	Down
TFEC	1.81801577	1.706907954	3.67E-33	3.72E-31	Up
HOXA13	-1.47869452	-0.040135194	1.90E-10	2.64E-09	Down
CPVL	1.056832758	4.260935596	7.60E-14	1.77E-12	Up
CCL24	1.598229038	1.221092329	9.64E-14	2.21E-12	Up
TFR2	-1.23191543	1.095851145	1.43E-14	3.70E-13	Down
SFRP4	1.450402217	5.435495639	1.06E-06	6.50E-06	Up
MEOX2	1.288891095	0.509060084	2.66E-09	2.91E-08	Up
POU6F2	-1.17667156	0.752942517	0.000755373	0.002162947	Down
AGR2	-1.01823336	4.499465931	1.22E-05	5.73E-05	Down
GIMAP2	1.196778085	2.448351472	6.12E-24	3.34E-22	Up
TMEM176B	1.498981441	5.274556903	1.08E-27	7.70E-26	Up
PRUNE2	1.467821232	4.20922306	9.98E-08	7.83E-07	Up
ECM2	1.033115147	3.036827921	7.32E-11	1.09E-09	Up
AKNA	1.149644035	4.826881871	9.00E-36	1.15E-33	Up
TNFSF8	2.050926206	0.201398652	2.17E-36	2.95E-34	Up
DOCK8	1.664646722	4.352265866	8.06E-44	2.91E-41	Up
DDX58	1.274799124	6.23267154	2.15E-17	7.43E-16	Up
PTGDS	1.30843129	3.610551489	1.20E-11	2.08E-10	Up
RASSF4	1.209780573	4.355344189	6.05E-23	3.11E-21	Up
CXCL12	1.64201585	5.126953293	1.75E-17	6.10E-16	Up
SPOCK2	1.034008315	5.063245275	5.10E-09	5.25E-08	Up
P2RX1	1.284419599	0.259513551	3.87E-16	1.19E-14	Up
TRIM16L	-1.03706432	4.528804446	4.88E-11	7.49E-10	Down
ENO3	1.341527379	4.808948638	5.02E-06	2.61E-05	Up
ALDH3A1	-1.54513826	7.576112365	8.82E-10	1.08E-08	Down
CCL2	1.542492048	4.537365806	2.93E-19	1.18E-17	Up
CCL8	1.931979218	1.600459663	3.16E-21	1.42E-19	Up
ABI3	1.558574181	3.501722192	2.02E-39	3.69E-37	Up
COL1A1	1.018728378	12.52808829	1.56E-07	1.17E-06	Up
SGCA	1.205323457	2.360312116	8.36E-05	0.000312048	Up
RND2	-1.45878381	0.780395605	1.51E-15	4.30E-14	Down
CACNG1	1.272499422	1.656782201	0.001004114	0.002778776	Up
FAM20A	1.245119916	4.251751414	2.63E-15	7.23E-14	Up
MYH1	1.56914337	6.091063338	0.000912292	0.002561219	Up
MYH3	1.33546796	4.852590738	2.05E-06	1.17E-05	Up
MAPK10	-1.04785461	2.331756852	3.61E-09	3.84E-08	Down

CRTAM	1. 883808296	0. 293096931	6. 45E-25	3. 79E-23	Up
MS4A6A	1. 783750451	4. 630241805	2. 75E-38	4. 58E-36	Up
MS4A4A	1. 731075572	2. 968636253	8. 21E-28	5. 95E-26	Up
CEP126	-1. 03950707	1. 635814842	8. 23E-09	8. 19E-08	Down
IL10RA	1. 904382209	4. 279859436	9. 68E-50	2. 14E-46	Up
CD5	2. 124471709	2. 635727606	2. 06E-41	5. 14E-39	Up
CD69	1. 694360217	2. 174702086	1. 82E-23	9. 60E-22	Up
SELPLG	1. 600611246	4. 320335047	2. 60E-45	1. 12E-42	Up
TSPAN11	1. 376011041	3. 869915924	4. 05E-17	1. 35E-15	Up
BIN2	1. 748562013	2. 572956284	2. 17E-45	9. 63E-43	Up
MYF6	1. 382817968	2. 571217443	0. 001410892	0. 003742277	Up
GLI1	-1. 00578331	2. 018015262	2. 63E-07	1. 85E-06	Down
MYL2	1. 608482346	5. 927608937	0. 000320675	0. 00102302	Up
GPRC5D	-1. 21584459	1. 213381185	1. 36E-08	1. 29E-07	Down
OAS3	1. 116814001	8. 190520975	1. 60E-15	4. 54E-14	Up
OAS2	1. 09607018	7. 915979837	3. 21E-14	7. 80E-13	Up
ARHGDIB	1. 007788729	6. 488148066	9. 72E-28	7. 01E-26	Up
CLEC4A	1. 096908926	1. 470336117	1. 39E-18	5. 32E-17	Up
KLRB1	1. 709509387	0. 546253695	1. 71E-24	9. 64E-23	Up
BTN3A3	1. 071360595	4. 995943378	3. 31E-21	1. 49E-19	Up
MAN1A1	1. 050010838	5. 705374344	4. 63E-17	1. 54E-15	Up
RIPOR2	1. 715046024	2. 455073921	7. 23E-30	6. 13E-28	Up
RBM24	1. 143308324	2. 185715279	5. 46E-05	0. 000215149	Up
VNN2	1. 204492716	0. 756483654	6. 82E-11	1. 02E-09	Up
CLIC5	1. 842413207	1. 880924535	9. 03E-16	2. 65E-14	Up
LY86	1. 415646216	1. 507474926	7. 59E-24	4. 13E-22	Up
GZMK	2. 965182348	1. 554108161	2. 04E-37	3. 11E-35	Up
ITK	2. 325583759	2. 148611675	2. 55E-47	1. 65E-44	Up
THBS4	1. 221654625	5. 828413369	4. 89E-05	0. 000195907	Up
NPR3	-1. 40448781	3. 838982508	1. 33E-10	1. 89E-09	Down
HRH2	1. 531449654	0. 735106267	5. 27E-16	1. 60E-14	Up
CD86	1. 335717641	3. 670345047	1. 06E-33	1. 14E-31	Up
FGF12	-1. 36068797	0. 830499253	2. 11E-14	5. 32E-13	Down
PODXL2	-1. 11191616	3. 880973009	2. 77E-07	1. 93E-06	Down
UPK1B	-2. 42982795	4. 80693174	7. 71E-12	1. 37E-10	Down
ARHGEF26	-1. 14737953	2. 588057129	1. 45E-07	1. 09E-06	Down
TNNC1	1. 466885153	5. 499494185	0. 000149351	0. 000524452	Up
ZAP70	1. 452048858	2. 513626763	3. 10E-19	1. 24E-17	Up
POMC	-1. 60015805	1. 320046408	6. 02E-12	1. 09E-10	Down
CYTIP	1. 821769685	3. 273465	8. 39E-46	4. 07E-43	Up
ITGA4	1. 289616295	3. 172644425	1. 50E-14	3. 84E-13	Up
IFIH1	1. 188015425	6. 338064621	1. 92E-18	7. 22E-17	Up
FN1	1. 034037146	11. 26938384	3. 99E-06	2. 12E-05	Up
STAT1	1. 321910027	9. 234950727	1. 53E-27	1. 08E-25	Up
EFHD1	-1. 08164482	2. 195199316	5. 04E-10	6. 50E-09	Down
OTX1	-1. 09236845	2. 773690523	8. 27E-15	2. 18E-13	Down
GNLY	1. 56893047	4. 832894957	3. 32E-14	8. 07E-13	Up
PRKAG3	1. 149570532	0. 743589601	0. 000506227	0. 001525862	Up
SMYD1	1. 680444989	2. 591449272	0. 000309646	0. 000992941	Up
IL18RAP	1. 598352735	0. 145126455	7. 31E-22	3. 44E-20	Up
WIPF1	1. 28738715	5. 499526142	1. 14E-31	1. 06E-29	Up

PLEK	1. 87885383	4. 526007668	6. 40E-29	5. 07E-27	Up
VAX2	-1. 18823946	-0. 104687507	3. 76E-11	5. 92E-10	Down
ANGPTL1	1. 901992759	0. 812038349	2. 30E-14	5. 74E-13	Up
PLA2G4A	-1. 07744724	4. 240253746	7. 97E-11	1. 18E-09	Down
CD2	2. 291608696	3. 828432219	1. 19E-47	8. 83E-45	Up
SLAMF1	1. 927127166	1. 327421589	6. 46E-42	1. 70E-39	Up
CD48	2. 052197464	3. 178594857	2. 75E-41	6. 77E-39	Up
PADI2	1. 150247513	4. 966102426	1. 64E-05	7. 47E-05	Up
RGS4	1. 33356176	3. 500833456	1. 65E-12	3. 25E-11	Up
PLA2G2D	1. 977847326	0. 619929405	6. 38E-12	1. 15E-10	Up
GBP1	1. 786318711	7. 690966971	9. 92E-27	6. 58E-25	Up
ARTN	-1. 08434145	3. 66461206	9. 68E-15	2. 53E-13	Down
FASLG	2. 678908651	0. 389834832	1. 21E-36	1. 72E-34	Up
HSD11B1	1. 197205149	0. 713992517	4. 38E-10	5. 72E-09	Up
MAN1C1	1. 109244817	2. 248341792	4. 34E-16	1. 33E-14	Up
ARG1	-1. 05061207	2. 363195997	0. 001135195	0. 003092434	Down
CASQ2	1. 257981411	4. 222377592	0. 000160206	0. 000557771	Up
RARRES1	1. 018136698	3. 589118078	3. 68E-06	1. 97E-05	Up
NR4A3	1. 158975757	3. 326054577	1. 18E-10	1. 68E-09	Up
CSF3R	1. 311094874	2. 887736599	1. 58E-15	4. 48E-14	Up
TGFB3	1. 076605373	5. 399485465	3. 39E-14	8. 21E-13	Up
EPCAM	-1. 47665501	5. 510499535	4. 15E-20	1. 78E-18	Down
IFIT3	1. 517447319	7. 146134626	1. 94E-16	6. 11E-15	Up
IFIT2	1. 137692028	5. 401908302	2. 36E-09	2. 62E-08	Up
CNNM1	-1. 42426286	0. 886768741	4. 12E-08	3. 52E-07	Down
TEK	1. 065536337	2. 282512136	9. 84E-15	2. 57E-13	Up
CD274	1. 404409525	4. 263058584	1. 08E-14	2. 82E-13	Up
CXorf21	1. 798284672	0. 713051896	2. 59E-39	4. 68E-37	Up
TNN	1. 209584418	1. 356540382	2. 22E-07	1. 60E-06	Up
MYOT	1. 581925059	3. 861054366	7. 22E-06	3. 59E-05	Up
BCL2L14	1. 523884497	0. 451693891	9. 22E-15	2. 42E-13	Up
PDZRN3	1. 209721132	3. 610266754	2. 22E-13	4. 88E-12	Up
CD80	1. 54876096	0. 658643327	1. 01E-29	8. 45E-28	Up
CCRL2	1. 311532245	1. 189511914	3. 38E-27	2. 33E-25	Up
CCR2	2. 395227484	1. 028925565	8. 62E-32	8. 21E-30	Up
TMIGD3	1. 202364958	1. 669685643	3. 23E-17	1. 09E-15	Up
CXCR4	1. 049530175	5. 08181683	1. 31E-11	2. 23E-10	Up
SASH3	1. 990309163	3. 7944288	2. 58E-55	4. 00E-51	Up
FMOD	1. 048904975	5. 848870861	9. 99E-14	2. 28E-12	Up
MYOG	1. 246293407	3. 056912883	0. 002885757	0. 007021587	Up
LAX1	2. 313599965	1. 124724476	1. 11E-31	1. 04E-29	Up
CD244	1. 218408594	0. 495879711	4. 54E-13	9. 55E-12	Up
LY9	1. 842968378	0. 903394704	4. 69E-26	2. 94E-24	Up
LDB3	1. 694108184	3. 949241768	5. 54E-07	3. 62E-06	Up
PTGFR	1. 963227872	1. 179785273	2. 92E-19	1. 18E-17	Up
LRRC39	1. 027797701	0. 96952232	2. 52E-05	0. 000109336	Up
CNTFR	1. 080994372	0. 759606849	4. 74E-05	0. 000190212	Up
SRGN	1. 45977548	5. 923030594	4. 20E-28	3. 11E-26	Up
BICC1	1. 179652199	3. 528770367	9. 25E-13	1. 87E-11	Up
HVCN1	1. 019821231	1. 955541227	6. 64E-16	1. 98E-14	Up
ARHGAP9	1. 526788351	3. 147780928	5. 40E-36	7. 10E-34	Up

NCKAP1L	1. 966527644	4. 46219077	1. 88E-48	2. 08E-45	Up
SARDH	1. 026409458	0. 917297676	8. 90E-13	1. 80E-11	Up
TNFAIP6	1. 241423642	3. 626492034	9. 71E-12	1. 70E-10	Up
PREX1	1. 476113096	4. 814113879	1. 69E-42	4. 78E-40	Up
ZNF831	2. 605071932	0. 475957752	7. 68E-41	1. 70E-38	Up
PTGIS	1. 741505176	2. 614679777	2. 43E-10	3. 33E-09	Up
ZBP1	1. 85401723	2. 484978908	1. 15E-21	5. 35E-20	Up
F13A1	1. 493515188	5. 532023542	6. 42E-12	1. 16E-10	Up
UNC5CL	-1. 38247149	0. 352388925	5. 65E-20	2. 38E-18	Down
APOBEC2	1. 705284517	2. 544574522	9. 12E-06	4. 43E-05	Up
SOX21	-1. 09007645	3. 220259573	4. 70E-06	2. 46E-05	Down
IRF1	1. 158987328	6. 83545688	8. 42E-20	3. 50E-18	Up
PTGER2	1. 485456215	0. 619367543	1. 89E-15	5. 32E-14	Up
MYH2	1. 586440296	7. 954260683	0. 002536366	0. 006258816	Up
C3	1. 067254154	7. 570460075	1. 26E-09	1. 49E-08	Up
CD93	1. 120712505	5. 640075679	4. 85E-20	2. 07E-18	Up
HCST	1. 49742262	1. 951588391	2. 41E-21	1. 10E-19	Up
CFP	1. 443672837	1. 048076724	2. 04E-20	8. 86E-19	Up
EVI2A	1. 612994434	2. 35447856	1. 43E-34	1. 64E-32	Up
FAM78A	1. 352117763	2. 926218717	2. 61E-32	2. 56E-30	Up
OMD	1. 043159951	2. 184711472	5. 72E-05	0. 000224551	Up
MASP1	1. 151751606	2. 850948359	8. 70E-06	4. 25E-05	Up
BEST3	1. 392811061	1. 413587875	3. 39E-05	0. 000141774	Up
FGL2	2. 299953062	4. 527578949	2. 28E-48	2. 35E-45	Up
APOL3	1. 500435432	5. 59604664	1. 93E-23	1. 01E-21	Up
APOL2	1. 018875266	6. 397747074	2. 14E-17	7. 42E-16	Up
FLNC	1. 190184187	6. 895610421	6. 46E-06	3. 25E-05	Up
LRRC4	-1. 02938907	3. 900399123	1. 09E-06	6. 64E-06	Down
CCDC136	-1. 05377764	0. 500870563	1. 49E-12	2. 97E-11	Down
WDFY4	2. 185998689	3. 125589346	1. 96E-37	3. 01E-35	Up
ACKR4	1. 666432274	1. 753127264	2. 06E-15	5. 74E-14	Up
CSRP3	1. 767693797	5. 280466772	0. 000244088	0. 000807244	Up
SIGLEC9	1. 331957693	1. 048881384	1. 35E-26	8. 82E-25	Up
FOXA1	-1. 1708824	3. 051212826	1. 12E-06	6. 81E-06	Down
ARHGEF6	1. 587059536	3. 579847865	9. 73E-38	1. 57E-35	Up
FGF13	-1. 14104167	1. 910873717	1. 31E-07	9. 98E-07	Down
TNNI3	-1. 19244168	0. 840553668	1. 14E-06	6. 92E-06	Down
STARD8	1. 23203968	2. 254702174	5. 19E-26	3. 25E-24	Up
APOC1	1. 07021315	4. 660356894	2. 78E-07	1. 94E-06	Up
HRC	1. 406691625	3. 141958605	2. 17E-05	9. 55E-05	Up
TNNI2	1. 175209789	5. 65143177	0. 000435325	0. 001338149	Up
H19	-1. 06847031	7. 704386022	5. 56E-06	2. 85E-05	Down
FIBCD1	-1. 73709587	1. 353318415	9. 15E-14	2. 10E-12	Down
GMFG	1. 028340476	3. 53165758	2. 81E-17	9. 56E-16	Up
THEMIS2	1. 030525253	4. 749899079	3. 10E-26	1. 99E-24	Up
PNCK	-1. 29744311	2. 397170412	9. 48E-08	7. 48E-07	Down
DUSP9	-1. 3438685	3. 04317922	3. 20E-14	7. 80E-13	Down
SYNE1	1. 221828875	4. 470796158	1. 40E-19	5. 71E-18	Up
LILRB2	1. 887225748	3. 272388633	9. 51E-37	1. 38E-34	Up
IDO1	2. 262523587	5. 751121261	6. 33E-17	2. 07E-15	Up
GALNT15	1. 184206609	2. 870867343	1. 70E-10	2. 37E-09	Up

NAPSB	1. 834543831	2. 68798612	1. 26E-29	1. 05E-27	Up
AOC3	1. 0916962	2. 85841386	5. 87E-13	1. 22E-11	Up
CKMT2	1. 376069805	2. 713381942	1. 90E-05	8. 51E-05	Up
TRIM22	1. 420075973	6. 714082431	5. 28E-22	2. 51E-20	Up
JCHAIN	1. 831795272	6. 273664959	1. 86E-11	3. 09E-10	Up
CLEC10A	2. 032788293	2. 008469527	2. 53E-28	1. 92E-26	Up
XAF1	1. 041239297	4. 542701717	1. 08E-10	1. 56E-09	Up
SYT11	1. 077851909	3. 310782331	5. 28E-20	2. 24E-18	Up
ALOX5AP	1. 144912082	3. 692463337	3. 35E-21	1. 50E-19	Up
MYH8	2. 44779742	2. 742658515	1. 29E-07	9. 82E-07	Up
CHI3L1	1. 360222475	6. 182887463	3. 50E-09	3. 74E-08	Up
MYBPH	1. 396412874	5. 676714375	0. 00089487	0. 002517318	Up
CHIT1	1. 897943402	4. 089595293	1. 85E-08	1. 70E-07	Up
LGR6	-1. 27075818	2. 359184253	1. 96E-09	2. 21E-08	Down
EPSTI1	1. 432431793	6. 036829478	1. 32E-20	5. 76E-19	Up
BEX2	-1. 68246116	2. 405728835	1. 77E-16	5. 63E-15	Down
RARRES3	1. 036117445	5. 293751859	3. 30E-08	2. 88E-07	Up
MYO18B	1. 078250682	3. 336900388	0. 000776459	0. 002215149	Up
GIMAP6	1. 707554463	3. 380503682	3. 38E-40	6. 89E-38	Up
GIMAP4	1. 734890544	3. 888456707	1. 90E-46	1. 05E-43	Up
NTS	-3. 73722368	5. 605648285	3. 70E-20	1. 59E-18	Down
DUSP26	1. 200203389	2. 175269163	0. 000523292	0. 00157028	Up
ADAMDEC1	2. 335688835	2. 816086833	1. 64E-25	9. 92E-24	Up
CD180	1. 733315215	1. 536456013	4. 28E-34	4. 65E-32	Up
GSTM1	-1. 20262924	4. 979603141	0. 000697945	0. 00201671	Down
GSTM5	-2. 10239785	1. 027525675	5. 14E-24	2. 83E-22	Down
GSTM3	-1. 56266608	5. 664977081	7. 46E-13	1. 54E-11	Down
PTPN22	1. 427199398	2. 15150365	4. 23E-22	2. 03E-20	Up
VTGN1	-1. 86425509	2. 165677895	3. 54E-11	5. 61E-10	Down
RSAD2	1. 700905324	6. 2478844	3. 63E-18	1. 32E-16	Up
CMPK2	1. 468167088	4. 835575786	6. 54E-18	2. 36E-16	Up
SAA2	1. 442334928	3. 530468916	1. 20E-08	1. 15E-07	Up
IL2RA	1. 912339064	2. 87626214	3. 58E-48	3. 27E-45	Up
DOCK2	2. 03847019	3. 85303173	1. 57E-49	3. 05E-46	Up
KLRD1	1. 998184056	1. 554052533	1. 35E-28	1. 05E-26	Up
ADAM19	1. 045314543	5. 443591235	9. 66E-12	1. 70E-10	Up
HAVCR2	1. 620099546	3. 714637841	1. 54E-36	2. 13E-34	Up
MSI1	-1. 68538892	1. 328052829	1. 40E-13	3. 15E-12	Down
HRK	-1. 06450662	0. 739607196	1. 90E-06	1. 09E-05	Down
RNFT2	-1. 00575304	1. 140352493	3. 29E-07	2. 25E-06	Down
MRAP2	-1. 44707933	1. 783949096	1. 39E-10	1. 97E-09	Down
TESPA1	1. 836580927	0. 998464299	1. 43E-37	2. 27E-35	Up
KRT7	-1. 36851508	6. 121224695	5. 51E-07	3. 60E-06	Down
CHRNA	1. 786559481	2. 698384854	2. 30E-05	0. 000100948	Up
DOCK10	1. 313580635	3. 736829358	1. 43E-24	8. 12E-23	Up
PLXNC1	1. 44860413	4. 228316806	1. 62E-25	9. 88E-24	Up
LCP1	1. 460533304	6. 986255181	6. 34E-26	3. 91E-24	Up
AOAH	1. 422179808	2. 864992993	1. 00E-17	3. 56E-16	Up
TM6SF1	1. 437452995	0. 350363778	8. 06E-27	5. 42E-25	Up
IL10	1. 544272595	-0. 09835343	5. 46E-28	4. 00E-26	Up
TMOD1	1. 115309623	2. 675717505	2. 14E-05	9. 46E-05	Up

ANGPTL2	1. 067157838	6. 1862439	1. 66E-12	3. 27E-11	Up
TLR4	1. 550328787	3. 011546527	5. 10E-23	2. 63E-21	Up
ENPP2	1. 46683162	3. 724426771	8. 90E-24	4. 79E-22	Up
CCL21	1. 050052758	4. 815642606	8. 47E-06	4. 14E-05	Up
SIT1	1. 691031482	1. 230436997	8. 29E-24	4. 50E-22	Up
CD72	1. 125342669	1. 364604381	1. 05E-11	1. 82E-10	Up
IRF4	2. 097174769	2. 544932709	1. 92E-36	2. 64E-34	Up
SLC02B1	2. 012831875	4. 956322873	3. 46E-46	1. 79E-43	Up
IL18BP	1. 462368701	3. 99974182	1. 33E-26	8. 72E-25	Up
SLC05A1	1. 376530281	1. 353275658	6. 87E-10	8. 60E-09	Up
ARHGAP20	1. 614171312	0. 695235453	4. 48E-19	1. 78E-17	Up
MMP13	1. 106002233	7. 858523755	0. 000303157	0. 000975357	Up
ITGA11	1. 012149233	4. 551512092	1. 23E-06	7. 39E-06	Up
PLCB2	1. 070564869	3. 146470647	5. 50E-19	2. 18E-17	Up
IFI44L	1. 222628722	6. 019550877	4. 02E-10	5. 28E-09	Up
GIPC2	-1. 29987666	1. 44992121	3. 56E-09	3. 79E-08	Down
TRIM54	1. 115408611	2. 934346605	0. 002049691	0. 005207813	Up
CH25H	1. 093773691	2. 443135314	3. 36E-09	3. 60E-08	Up
MYPN	1. 647637974	3. 206623078	9. 87E-06	4. 75E-05	Up
CHRNA1	1. 313812625	3. 41526833	2. 87E-05	0. 000122387	Up
SLC40A1	1. 112597381	5. 298292026	2. 52E-13	5. 52E-12	Up
CILP	1. 65935628	2. 479201572	2. 49E-08	2. 22E-07	Up
HERC6	1. 238662502	6. 20276177	2. 51E-14	6. 22E-13	Up
MMRN1	1. 654094814	1. 904771536	6. 50E-12	1. 17E-10	Up
CXCL9	3. 003509909	7. 207433805	2. 84E-32	2. 77E-30	Up
PARVG	1. 2704554	3. 05623278	1. 44E-21	6. 61E-20	Up
CD27	2. 206203432	2. 344811075	1. 31E-37	2. 10E-35	Up
GPR84	1. 460819072	0. 764262441	3. 77E-25	2. 26E-23	Up
ITGB7	1. 215447262	2. 078957456	4. 24E-17	1. 42E-15	Up
MORN3	-1. 22693221	0. 979108606	1. 59E-10	2. 23E-09	Down
FITM1	1. 040544276	0. 944847994	7. 95E-05	0. 000298761	Up
GPR65	1. 74478706	1. 361796554	4. 24E-41	1. 01E-38	Up
AK7	-1. 20062738	0. 217074963	1. 44E-14	3. 71E-13	Down
FBLN5	1. 11850276	4. 265046744	2. 28E-14	5. 72E-13	Up
WARS	1. 689348648	9. 676553628	2. 54E-18	9. 44E-17	Up
SLC27A2	-1. 01796041	1. 191922966	1. 94E-07	1. 41E-06	Down
FGF7	1. 481901566	1. 904670256	5. 12E-11	7. 83E-10	Up
HAPLN3	1. 000155774	5. 066319176	5. 23E-20	2. 22E-18	Up
ITGAX	1. 184165164	4. 185731501	2. 58E-17	8. 83E-16	Up
IGSF6	1. 591939701	3. 150123029	2. 35E-33	2. 46E-31	Up
OSGIN1	-1. 06179544	4. 2367292	4. 17E-09	4. 37E-08	Down
IRF8	2. 172407522	3. 622558833	1. 25E-48	1. 62E-45	Up
UNC45B	1. 481240073	2. 765825343	7. 20E-05	0. 000274402	Up
SKAP1	1. 221826238	1. 4725154	1. 02E-13	2. 31E-12	Up
ABCA8	1. 727535932	1. 466100052	1. 72E-12	3. 37E-11	Up
PIK3R5	1. 589245956	2. 802976831	5. 42E-41	1. 22E-38	Up
SECTM1	1. 525881113	5. 590388999	1. 69E-23	8. 96E-22	Up
VAV1	1. 10001977	3. 027490259	1. 71E-16	5. 47E-15	Up
MYO1F	1. 540540871	4. 149444562	1. 77E-40	3. 77E-38	Up
SIGLEC10	2. 154404519	3. 038143488	3. 48E-43	1. 15E-40	Up
SLC2A5	1. 092510167	3. 411724924	6. 32E-11	9. 51E-10	Up

SYPL2	1. 560243031	1. 908963465	2. 21E-07	1. 59E-06	Up
Clorf162	1. 247715044	2. 767150063	6. 25E-27	4. 23E-25	Up
CD53	1. 872681554	4. 751040367	9. 66E-47	5. 55E-44	Up
DPT	1. 297974359	3. 646069818	4. 24E-10	5. 56E-09	Up
FCGR2A	1. 387663971	5. 031197329	5. 57E-28	4. 06E-26	Up
FCRL5	1. 913867118	1. 629191727	1. 53E-12	3. 04E-11	Up
CASQ1	1. 950767392	2. 974429498	5. 47E-07	3. 58E-06	Up
HMCN1	1. 116929157	4. 613510784	3. 64E-08	3. 14E-07	Up
CRNN	1. 828300078	7. 557279075	3. 93E-05	0. 000161784	Up
ACTA1	1. 930308376	8. 102911134	8. 31E-06	4. 07E-05	Up
PTPN7	1. 122943302	3. 469260675	1. 05E-13	2. 39E-12	Up
ESPNL	-1. 13339127	1. 041519196	5. 10E-07	3. 35E-06	Down
GRIP2	1. 0484715	1. 652826457	2. 47E-10	3. 38E-09	Up
CNTN4	1. 262212804	0. 569925672	8. 08E-08	6. 48E-07	Up
COL8A1	1. 052591641	5. 246567884	8. 35E-08	6. 67E-07	Up
PLA1A	1. 05127665	0. 319191787	4. 41E-09	4. 60E-08	Up
IGSF11	-1. 12649748	0. 969088333	1. 09E-06	6. 64E-06	Down
DDIT4L	1. 360421199	2. 857423571	2. 22E-05	9. 77E-05	Up
ANK2	1. 156641827	2. 399270064	3. 10E-08	2. 71E-07	Up
1-Mar	1. 094898381	2. 956458111	1. 31E-24	7. 48E-23	Up
ADAMTS16	1. 293012572	0. 32655224	3. 24E-06	1. 76E-05	Up
GZMA	2. 245700189	3. 514711724	9. 38E-27	6. 24E-25	Up
IQGAP2	1. 145688716	3. 081047458	5. 29E-13	1. 11E-11	Up
KCNMB1	1. 077633808	1. 370424046	4. 64E-19	1. 84E-17	Up
PLA2G7	1. 639072992	3. 207272853	2. 93E-33	3. 03E-31	Up
DOK3	1. 139609952	2. 8015515	3. 08E-27	2. 13E-25	Up
FGD2	1. 297961469	2. 821182154	5. 03E-27	3. 44E-25	Up
SCUBE3	-1. 62756288	2. 59457466	4. 28E-10	5. 59E-09	Down
FAXC	-1. 66198899	1. 89373561	7. 70E-21	3. 39E-19	Down
RSP03	1. 011608137	0. 309983731	4. 71E-07	3. 12E-06	Up
IL2RG	1. 75845972	4. 946688099	2. 34E-29	1. 90E-27	Up
GPC3	-1. 99326201	4. 050138609	2. 37E-15	6. 59E-14	Down
DOK2	1. 659403559	3. 2159054	1. 61E-37	2. 49E-35	Up
TRIM55	1. 170308225	0. 767323661	0. 000165858	0. 00057487	Up
NTRK2	-1. 04784081	6. 440131137	3. 26E-05	0. 000137354	Down
CACNA1B	-1. 39285591	1. 416871218	4. 07E-07	2. 73E-06	Down
FAM13C	1. 076315618	0. 875992484	1. 43E-08	1. 35E-07	Up
ANKRD1	1. 122552379	4. 234582793	0. 001839452	0. 004735373	Up
SERPING1	1. 504869306	7. 757682509	1. 13E-30	1. 00E-28	Up
NCAM1	1. 382882712	3. 914492129	1. 38E-07	1. 04E-06	Up
GLB1L2	-1. 9933133	2. 517834145	1. 10E-19	4. 53E-18	Down
MS4A2	1. 721799327	0. 209172886	2. 49E-17	8. 55E-16	Up
FERMT3	1. 602485226	4. 43410151	3. 56E-37	5. 36E-35	Up
CLEC1A	1. 485459047	1. 496138815	1. 45E-14	3. 72E-13	Up
FCGR1A	1. 788667189	1. 386538405	4. 32E-25	2. 58E-23	Up
ADRA2A	1. 467078364	2. 297516446	4. 06E-10	5. 33E-09	Up
CD226	1. 97511762	0. 957282524	1. 65E-43	5. 56E-41	Up
RGS18	1. 833816894	0. 567342649	3. 64E-37	5. 44E-35	Up
FREM2	-1. 04931949	2. 270958932	0. 000756512	0. 002164649	Down
SLC7A11	-1. 00404395	5. 837544016	1. 47E-06	8. 64E-06	Down
AKAP6	1. 0385164	3. 807325486	2. 11E-06	1. 19E-05	Up

KCTD14	1. 317585291	2. 34621678	1. 82E-09	2. 07E-08	Up
AKR1C2	-1. 91911272	7. 570393874	4. 35E-16	1. 33E-14	Down
FLI1	1. 249591227	3. 588655012	2. 38E-31	2. 16E-29	Up
ZNF385D	1. 17644869	0. 586799297	1. 70E-10	2. 38E-09	Up
CYSLTR2	1. 055030276	0. 672715534	1. 43E-11	2. 43E-10	Up
JAKMIP1	2. 186927683	0. 141361689	6. 96E-35	8. 37E-33	Up
LGI2	1. 537138407	1. 766170055	1. 06E-10	1. 53E-09	Up
DAB2	1. 021258772	5. 22867023	4. 05E-15	1. 09E-13	Up
CD96	1. 900966428	2. 680045751	8. 53E-40	1. 65E-37	Up
CD8A	2. 712127353	3. 802512885	4. 33E-41	1. 02E-38	Up
ABI3BP	1. 375546747	3. 206283393	1. 11E-09	1. 32E-08	Up
ABCA6	1. 325596123	1. 065125258	5. 41E-16	1. 64E-14	Up
UCHL1	-1. 099147	4. 635142692	2. 41E-06	1. 35E-05	Down
PGM5	1. 383448482	1. 510910983	3. 42E-11	5. 44E-10	Up
GBP5	2. 878443067	6. 953120026	8. 00E-32	7. 66E-30	Up
PDLIM3	1. 170335626	6. 046636567	8. 07E-06	3. 97E-05	Up
CHODL	-1. 11307402	1. 573541069	5. 70E-11	8. 66E-10	Down
JAM2	1. 117716406	2. 606155985	7. 06E-15	1. 87E-13	Up
ADAMTS5	1. 033297592	2. 403983196	2. 01E-08	1. 83E-07	Up
PLCL2	1. 229726231	2. 16181816	6. 75E-20	2. 82E-18	Up
RAB6B	-1. 4858088	3. 198794245	5. 38E-15	1. 44E-13	Down
SAMSN1	1. 648313157	3. 004792488	2. 15E-44	7. 95E-42	Up
SLC7A7	1. 615109049	3. 736016412	4. 64E-36	6. 21E-34	Up
TTN	1. 367954331	7. 70113558	6. 32E-05	0. 000244809	Up
VSIG4	1. 871117393	3. 491342778	4. 10E-22	1. 98E-20	Up
SLA	1. 787490594	3. 872302833	2. 20E-46	1. 18E-43	Up
BATF	1. 107043927	2. 406775948	8. 61E-14	1. 98E-12	Up
CXCL13	1. 465125362	4. 581417778	6. 23E-15	1. 66E-13	Up
HKDC1	-1. 52165517	2. 263433547	1. 35E-10	1. 92E-09	Down
MS4A1	2. 182657747	1. 084823332	1. 22E-13	2. 76E-12	Up
COX6A2	1. 570870845	2. 845348526	0. 000508346	0. 001531059	Up
KLHL40	1. 327940686	1. 91384378	0. 002707719	0. 006634167	Up
SUSD3	1. 14975174	1. 679212252	1. 08E-17	3. 84E-16	Up
MX1	1. 302195381	8. 382015304	1. 92E-15	5. 38E-14	Up
KRTCAP3	-1. 08234179	4. 226011353	2. 15E-09	2. 40E-08	Down
CLSTN2	1. 051671597	3. 211778984	6. 22E-06	3. 15E-05	Up
COLEC12	1. 091747634	4. 034216086	1. 49E-09	1. 73E-08	Up
CD1E	1. 307453133	0. 842600257	3. 72E-10	4. 94E-09	Up
NCF1	1. 037636345	1. 503042092	1. 55E-12	3. 06E-11	Up
DYNC1I1	-1. 1138846	1. 638473882	5. 89E-08	4. 88E-07	Down
SLAMF8	1. 655778453	4. 019944283	1. 38E-36	1. 94E-34	Up
FCER1G	1. 482286569	4. 683336241	5. 96E-30	5. 14E-28	Up
TNNI1	1. 396027571	6. 645961829	7. 97E-06	3. 93E-05	Up
C1QC	1. 975916844	6. 889307511	3. 12E-40	6. 46E-38	Up
IGF2BP1	-1. 01363734	3. 20698851	0. 000277573	0. 000901702	Down
ACTC1	1. 331742626	6. 982628867	0. 000970768	0. 002700508	Up
TCHH	-1. 02274098	4. 335015961	0. 000362507	0. 001137758	Down
ADGRG5	1. 005786698	1. 335291483	3. 62E-08	3. 12E-07	Up
ACE	1. 110066917	3. 417589816	3. 14E-22	1. 53E-20	Up
FNDC5	1. 138413347	1. 14336161	1. 34E-05	6. 21E-05	Up
ANKLE1	-1. 04442996	0. 364016202	3. 39E-09	3. 64E-08	Down

TFF3	-3.01656737	3.823234028	8.72E-22	4.09E-20	Down
TMPRSS3	1.330525457	1.261597748	1.07E-08	1.04E-07	Up
UBASH3A	2.226842004	0.76732122	9.41E-43	2.81E-40	Up
GAB3	1.326687073	1.507893195	3.82E-28	2.87E-26	Up
ITGB2	1.730619434	6.339522744	1.43E-33	1.51E-31	Up
S100B	1.185737214	2.993495037	1.73E-13	3.85E-12	Up
JAML	-2.60033078	4.956689009	5.29E-33	5.26E-31	Down
CD3G	2.405615915	2.059567584	1.37E-45	6.43E-43	Up
CCR5	2.429447295	3.041321156	4.80E-49	8.27E-46	Up
MYL3	2.509883443	2.541537101	3.44E-10	4.59E-09	Up
FCRL3	2.262237022	0.223928597	1.27E-28	9.97E-27	Up
AZGP1	-1.06900625	4.348301306	0.000390943	0.001214546	Down
HK3	1.576417575	2.64475269	2.73E-18	1.01E-16	Up
IKZF3	1.745014303	3.638030956	3.25E-22	1.58E-20	Up
AQP5	-1.45799688	2.310336925	7.32E-06	3.64E-05	Down
SCIMP	2.134776938	1.109261159	2.62E-33	2.72E-31	Up
TPCN2	-1.03262998	4.839219877	6.45E-15	1.71E-13	Down
RBP7	-1.02994116	1.411313622	6.49E-09	6.58E-08	Down
LAPTM5	1.425293624	7.190735661	1.07E-27	7.63E-26	Up
NEXN	1.315441575	4.316259573	1.68E-12	3.30E-11	Up
GBP2	1.09930122	6.739630381	4.44E-17	1.48E-15	Up
GBP4	2.019985142	5.932385968	4.98E-28	3.68E-26	Up
VCAM1	1.473986389	4.904056828	5.88E-10	7.49E-09	Up
CADM3	1.641435077	1.577482303	1.60E-17	5.59E-16	Up
NLRP3	1.431808062	2.264262393	7.55E-17	2.45E-15	Up
TRIM58	1.081705832	0.545090125	0.000893774	0.002516611	Up
DDR2	1.099186654	4.467641668	1.91E-11	3.15E-10	Up
SLAMF6	2.597401474	1.838411418	1.92E-51	5.96E-48	Up
OLFML2B	1.069049382	5.590153226	1.72E-11	2.88E-10	Up
FCGR3B	1.521114094	1.338018726	3.13E-10	4.22E-09	Up
SNED1	1.187445916	2.741397086	2.03E-11	3.35E-10	Up
PIGR	1.238279066	4.564137242	0.002243666	0.005636962	Up
ACTG2	1.049968951	3.116409485	3.08E-06	1.68E-05	Up
CCDC74A	-1.00135261	1.515554894	4.41E-08	3.73E-07	Down
XIRP2	1.14966272	5.87432842	0.018965631	0.036455557	Up
CTSS	1.67243685	6.11609775	9.92E-33	9.80E-31	Up
INFAIP8L2	1.515546034	1.813429253	1.32E-29	1.10E-27	Up
DAPL1	-1.41354086	4.152315829	2.16E-08	1.95E-07	Down
COL6A3	1.184839349	9.741556661	2.75E-10	3.72E-09	Up
LMOD3	1.606416957	3.239327899	1.85E-05	8.34E-05	Up
EOMES	1.463994545	0.977213097	2.09E-16	6.55E-15	Up
SERPINI1	-1.27532761	2.00444859	5.68E-16	1.71E-14	Down
MNDA	1.87194176	3.001247469	8.80E-42	2.24E-39	Up
PYHIN1	1.733888045	0.565327346	3.86E-24	2.13E-22	Up
AIM2	1.036389483	4.665502973	9.08E-10	1.11E-08	Up
CTLA4	1.629079438	2.096640911	3.22E-28	2.42E-26	Up
ICOS	2.069863867	1.909325131	2.08E-45	9.49E-43	Up
CD200R1	1.125157539	0.395999457	3.55E-13	7.62E-12	Up
CPA3	1.699875216	3.313917349	7.24E-18	2.61E-16	Up
CCR1	1.975158816	3.069701685	4.59E-41	1.06E-38	Up
LRRC2	1.409545972	1.147299321	8.41E-06	4.12E-05	Up

ASB5	1. 373799608	3. 066514281	0. 001166787	0. 003166819	Up
ERAP2	1. 246858454	5. 930782171	2. 66E-08	2. 36E-07	Up
CMYA5	1. 270979508	5. 785705884	7. 08E-05	0. 000269922	Up
TLR3	1. 245541095	3. 42367772	1. 20E-17	4. 26E-16	Up
TXLNB	1. 496419321	2. 66276722	7. 91E-08	6. 36E-07	Up
PI16	1. 913964475	1. 898328352	6. 89E-08	5. 62E-07	Up
MYOZ3	1. 362474862	1. 859145198	1. 83E-05	8. 27E-05	Up
SLC29A4	-1. 02961837	2. 539859751	6. 05E-09	6. 16E-08	Down
HEY1	-1. 08139036	3. 815071484	1. 58E-10	2. 22E-09	Down
TAGAP	1. 998413938	2. 792972433	3. 69E-41	8. 96E-39	Up
COL1A2	1. 076243766	11. 64426872	3. 43E-08	2. 97E-07	Up
FNDC1	1. 296191863	5. 252748211	2. 41E-08	2. 15E-07	Up
S BSPON	-1. 63097432	1. 633121771	1. 75E-16	5. 59E-15	Down
CA3	1. 669592669	2. 625004658	9. 66E-07	5. 97E-06	Up
BAALC	-1. 24251423	2. 236721117	4. 56E-09	4. 73E-08	Down
ALDH1A1	-1. 67774445	4. 943320991	3. 32E-13	7. 17E-12	Down
FBP1	1. 044534465	3. 586080794	6. 01E-06	3. 05E-05	Up
CYBB	2. 120122821	5. 218038734	9. 83E-41	2. 15E-38	Up
METTL27	-1. 27719374	0. 662317724	1. 39E-13	3. 14E-12	Down
FOLR2	1. 520411381	3. 020625058	1. 74E-18	6. 57E-17	Up
GLB1L3	-1. 2608422	0. 249836516	1. 97E-08	1. 80E-07	Down
AMN	-1. 41732626	2. 322060172	2. 83E-18	1. 05E-16	Down
FBN1	1. 260287079	7. 245776715	2. 28E-11	3. 72E-10	Up
ASPG	-1. 06584059	3. 431147185	9. 96E-08	7. 82E-07	Down
C2	1. 291627664	4. 268056702	9. 09E-25	5. 28E-23	Up
SYNPO2L	1. 258774234	3. 257247549	2. 29E-05	0. 000100387	Up
DCHS1	1. 034547045	3. 964100649	3. 44E-10	4. 59E-09	Up
PLD4	1. 497288719	1. 540582685	3. 19E-18	1. 18E-16	Up
MFAP4	1. 161117029	4. 383036496	3. 17E-08	2. 77E-07	Up
PRKCB	1. 727952656	2. 703364649	1. 47E-31	1. 35E-29	Up
CLEC4E	1. 421877089	0. 872049505	5. 82E-16	1. 75E-14	Up
CENPV	-1. 0729112	1. 975473045	1. 49E-13	3. 33E-12	Down
CHP2	-1. 73837943	2. 082401223	4. 53E-11	7. 01E-10	Down
MS4A7	1. 763377114	3. 711562595	2. 49E-38	4. 20E-36	Up
MS4A14	1. 012809372	-0. 072849789	2. 27E-13	5. 00E-12	Up
GNGT2	1. 353436828	0. 755276895	1. 02E-27	7. 34E-26	Up
UGT1A6	-1. 96522058	2. 011426664	8. 64E-13	1. 76E-11	Down
SNX20	1. 868173542	2. 714782418	3. 22E-47	2. 00E-44	Up
CD3D	2. 020121343	2. 942574894	3. 30E-32	3. 20E-30	Up
JSRP1	1. 055497177	2. 081294226	7. 77E-06	3. 84E-05	Up
LAIR1	1. 743410872	3. 962181711	4. 99E-36	6. 62E-34	Up
PSCA	-1. 16792337	4. 040088051	2. 15E-06	1. 21E-05	Down
HSD11B1L	-1. 01299934	2. 002271057	5. 28E-13	1. 10E-11	Down
RCOR2	-1. 49573444	1. 871081381	2. 46E-19	1. 00E-17	Down
CD300C	1. 272165288	0. 865101148	5. 17E-17	1. 71E-15	Up
CD300A	1. 304617052	3. 121497411	1. 72E-24	9. 64E-23	Up
NLRC3	1. 317285914	2. 023683046	1. 34E-23	7. 17E-22	Up
TRANK1	1. 237363758	5. 061410727	3. 81E-26	2. 42E-24	Up
BATF2	2. 188714103	4. 454359415	1. 07E-21	5. 00E-20	Up
CX3CR1	1. 472805133	0. 755500494	4. 53E-15	1. 21E-13	Up
XIRP1	1. 602362044	4. 047376535	1. 03E-07	8. 02E-07	Up

TAP1	1. 186463367	8. 516678499	7. 62E-23	3. 89E-21	Up
RHOH	1. 694755378	2. 379030841	1. 10E-34	1. 30E-32	Up
TNXB	1. 334957849	3. 079855241	2. 36E-09	2. 63E-08	Up
PHYHIP	-1. 05871516	1. 5074686	1. 20E-07	9. 22E-07	Down
HJV	1. 977184118	1. 608696855	1. 32E-05	6. 14E-05	Up
MYL1	1. 59791814	6. 006478892	0. 000903119	0. 002539604	Up
COL3A1	1. 294567682	11. 85926339	2. 98E-10	4. 01E-09	Up
GFRA2	1. 356462605	0. 208848116	8. 70E-15	2. 28E-13	Up
LGALS9	1. 16631532	5. 30422208	1. 27E-18	4. 89E-17	Up
SIGLEC7	1. 728496474	0. 234589128	1. 47E-31	1. 35E-29	Up
RAB3B	-1. 31917317	2. 544341044	7. 02E-10	8. 77E-09	Down
CXCL10	2. 795797948	7. 483742863	8. 52E-24	4. 61E-22	Up
CXCL11	3. 043975411	5. 971862338	1. 66E-22	8. 27E-21	Up
RNASE6	1. 572937595	2. 979344565	4. 10E-34	4. 51E-32	Up
SCN9A	-1. 46011638	2. 591264327	5. 14E-09	5. 28E-08	Down
CD52	1. 473412655	3. 751582657	2. 57E-21	1. 16E-19	Up
GPR183	1. 473709939	3. 525714711	1. 68E-27	1. 18E-25	Up
ZEB2	1. 310930203	4. 544374814	5. 76E-25	3. 40E-23	Up
RAC3	-1. 26082741	3. 977334784	7. 59E-17	2. 46E-15	Down
ITGAM	1. 170239649	3. 698428274	3. 61E-11	5. 70E-10	Up
SLN	1. 435784047	4. 79653735	0. 000307176	0. 000985428	Up
CD14	1. 446272193	6. 28264577	2. 24E-28	1. 71E-26	Up
MZB1	1. 743594194	3. 93982556	2. 04E-11	3. 35E-10	Up
KRT4	1. 11294251	9. 081382819	0. 005703944	0. 012754538	Up
CDH2	1. 265864637	2. 633066561	1. 24E-06	7. 42E-06	Up
SGCD	1. 222821234	3. 778583119	1. 60E-07	1. 19E-06	Up
CAVIN4	1. 57928107	3. 147034587	1. 68E-08	1. 56E-07	Up
LMOD2	1. 64620996	3. 753423248	0. 000250856	0. 000826984	Up
CEL	-2. 17730105	3. 09392161	1. 33E-15	3. 84E-14	Down
GPR27	-1. 38759574	1. 090113317	7. 14E-10	8. 90E-09	Down
S1PR1	1. 004185164	3. 35509397	1. 94E-16	6. 11E-15	Up
FPR2	1. 469819146	0. 863663562	1. 40E-10	1. 98E-09	Up
FPR1	1. 348866926	2. 84885394	1. 00E-17	3. 56E-16	Up
GIMAP8	1. 322858499	2. 982717131	1. 56E-28	1. 21E-26	Up
SOSTDC1	-1. 04518874	3. 064984419	0. 000454607	0. 001389708	Down
KRT19	-1. 34327983	8. 951945608	1. 27E-05	5. 95E-05	Down
KRT13	1. 377662064	11. 19307371	0. 000170997	0. 000590702	Up
NMRAL2P	-2. 08302103	3. 652228972	1. 43E-18	5. 46E-17	Down
GPR34	1. 707123685	1. 731364239	2. 28E-31	2. 08E-29	Up
ANO5	1. 275053051	1. 07607327	2. 29E-05	0. 000100387	Up
RASGRP4	1. 403690805	0. 610127103	4. 07E-35	5. 06E-33	Up
C3AR1	1. 810883338	3. 384720266	5. 80E-40	1. 15E-37	Up
CYP4F11	-1. 29129149	4. 967205171	2. 38E-07	1. 69E-06	Down
MAL	1. 151907013	5. 827224828	0. 001300846	0. 0034826	Up
LRRC15	1. 382779217	5. 773087321	5. 34E-09	5. 47E-08	Up
CD8B	2. 060280723	1. 387715433	2. 52E-21	1. 14E-19	Up
CCL11	1. 370671676	1. 655123082	2. 72E-10	3. 69E-09	Up
ISG20	1. 091317698	5. 421296338	7. 64E-13	1. 57E-11	Up
CXCR6	2. 271639396	2. 644704446	1. 82E-47	1. 24E-44	Up
NEGR1	1. 042213939	1. 703511925	1. 52E-07	1. 14E-06	Up
IL16	1. 503605517	3. 441183256	8. 13E-35	9. 63E-33	Up

MYOZ2	1. 521835715	2. 584515528	0. 000247314	0. 000816638	Up
SYNP02	1. 305074485	6. 357827242	3. 56E-06	1. 91E-05	Up
CTSW	1. 877891552	2. 605990498	9. 89E-25	5. 73E-23	Up
MUCL1	-1. 46747709	3. 786615739	2. 62E-06	1. 46E-05	Down
THEMIS	1. 697859846	0. 496820745	6. 50E-16	1. 94E-14	Up
CCL19	1. 933219062	3. 477044449	9. 64E-13	1. 94E-11	Up
MYEOV	-1. 3660262	3. 499491448	1. 84E-09	2. 09E-08	Down
ARPP21	1. 580214326	1. 944185399	0. 000227696	0. 000759345	Up
BNC2	1. 029910187	2. 933636512	1. 93E-07	1. 41E-06	Up
LRRN3	1. 099633031	0. 136542222	5. 19E-17	1. 71E-15	Up
CYSLTR1	1. 493999125	0. 777713921	1. 08E-24	6. 19E-23	Up
PARP15	1. 366213987	0. 353703501	3. 88E-19	1. 55E-17	Up
DMRT2	-1. 00418076	1. 422360411	2. 55E-05	0. 000110525	Down
C1QB	1. 956658152	7. 087995139	8. 68E-32	8. 21E-30	Up
C1QA	1. 808176454	6. 879655257	8. 90E-27	5. 95E-25	Up
NDNF	1. 051059132	0. 418982819	5. 63E-06	2. 88E-05	Up
SAA1	1. 378476019	6. 11971832	2. 11E-08	1. 91E-07	Up
XCR1	1. 114152742	1. 177799277	9. 75E-08	7. 66E-07	Up
HSPB7	1. 5006226	5. 306379621	3. 14E-05	0. 000132545	Up
CD7	1. 961755188	3. 732775901	6. 28E-38	1. 02E-35	Up
HAP1	-1. 03557879	3. 046754934	2. 41E-09	2. 67E-08	Down
C124319.	1. 02607137	8. 130887773	3. 36E-22	1. 63E-20	Up
GPR160	-1. 16881622	2. 510072806	7. 69E-12	1. 37E-10	Down
TCAP	1. 45387072	5. 864116609	0. 00012939	0. 000461673	Up
NRROS	1. 405557577	1. 883105841	8. 72E-30	7. 35E-28	Up
TLR10	1. 592976538	0. 259933513	1. 50E-16	4. 83E-15	Up
SELP	1. 787423136	2. 145149307	2. 43E-15	6. 72E-14	Up
PODN	1. 348631882	3. 564551812	5. 52E-10	7. 08E-09	Up
CNTNAP2	-1. 10984107	4. 356787195	3. 82E-06	2. 04E-05	Down
CMKLR1	1. 890124216	3. 529179385	5. 14E-41	1. 17E-38	Up
CNIH2	-1. 27996575	0. 877923266	9. 12E-17	2. 95E-15	Down
P2RY14	1. 685186399	0. 086781	2. 59E-27	1. 80E-25	Up
GPR171	2. 361781575	0. 521209633	9. 36E-45	3. 72E-42	Up
SLC22A1	-1. 74566995	1. 703427232	6. 96E-13	1. 43E-11	Down
DES	1. 276281355	8. 699525799	0. 00132062	0. 003529997	Up
PHYHD1	-1. 21177869	3. 134797102	4. 87E-08	4. 09E-07	Down
LPL	1. 291129061	2. 902515061	7. 27E-11	1. 08E-09	Up
TBC1D10C	1. 704616259	2. 712413984	6. 37E-30	5. 46E-28	Up
LRRC25	1. 702863593	2. 372131404	7. 52E-36	9. 72E-34	Up
UCP3	1. 044505136	1. 098272616	2. 42E-06	1. 36E-05	Up
A2M	1. 090182179	7. 73599981	2. 25E-17	7. 78E-16	Up
JAKMIP2	-1. 87679152	1. 271503845	2. 03E-18	7. 62E-17	Down
ZNF683	2. 464069394	1. 232334356	2. 51E-26	1. 63E-24	Up
GPX2	-1. 51696298	6. 918263677	2. 69E-10	3. 65E-09	Down
SLC35G1	-1. 6346181	2. 785009102	1. 45E-28	1. 13E-26	Down
VPS37D	-1. 31690179	0. 211210048	3. 63E-17	1. 22E-15	Down
PRR15	-1. 370534	1. 07246857	1. 48E-13	3. 31E-12	Down
FIBIN	1. 073694198	2. 654058262	4. 10E-07	2. 75E-06	Up
C10orf71	1. 672641718	2. 59391066	0. 000278398	0. 000903421	Up
SAMD9L	1. 409447926	5. 6414608	4. 30E-21	1. 92E-19	Up
CD163	2. 052876472	5. 222184944	9. 53E-31	8. 50E-29	Up

CD163L1	1. 290092704	2. 219966071	3. 72E-17	1. 25E-15	Up
MYOZ1	1. 803387053	3. 917363679	1. 66E-06	9. 67E-06	Up
MLF1	-1. 04882146	4. 433660271	4. 44E-11	6. 92E-10	Down
ZNF366	1. 634962126	0. 579383604	2. 97E-22	1. 45E-20	Up
ZC3H12D	1. 412181599	0. 947376259	2. 91E-29	2. 34E-27	Up
GLDC	1. 563064949	3. 90220471	1. 45E-07	1. 09E-06	Up
CTXN1	-1. 22051755	2. 313294254	5. 24E-12	9. 58E-11	Down
CD28	2. 113707798	1. 470297546	4. 64E-46	2. 32E-43	Up
SMIM10L2A	-1. 18143446	0. 77535666	3. 02E-10	4. 07E-09	Down
GIMAP7	1. 842731116	2. 538867311	1. 61E-39	3. 05E-37	Up
WSCD1	1. 013719825	0. 862818614	3. 29E-06	1. 78E-05	Up
HLA-DQB1	1. 719132521	7. 038278166	3. 58E-22	1. 73E-20	Up
CIITA	1. 915417745	4. 758843599	2. 82E-30	2. 46E-28	Up
AKAP5	1. 207559178	1. 09392348	2. 12E-21	9. 71E-20	Up
CCR8	2. 193121926	-0. 063529586	6. 06E-35	7. 34E-33	Up
TMEM150B	1. 679138702	0. 26688488	7. 17E-30	6. 11E-28	Up
C10orf91	-1. 02909132	0. 484124691	3. 46E-11	5. 50E-10	Down
SEPT1	1. 255411036	2. 755668629	1. 26E-21	5. 81E-20	Up
TDRD6	1. 189602355	0. 092021089	2. 62E-17	8. 95E-16	Up
MYLPF	1. 205648569	4. 555496034	0. 000757408	0. 002166777	Up
GAS1	1. 002974777	4. 651726642	4. 64E-13	9. 75E-12	Up
TSPYL5	-1. 17834116	2. 626550949	7. 53E-11	1. 12E-09	Down
FUT7	1. 797785114	0. 442230427	1. 79E-28	1. 38E-26	Up
PRF1	1. 885291579	3. 99133683	3. 97E-28	2. 96E-26	Up
CCL13	1. 357195532	2. 106038361	1. 30E-11	2. 22E-10	Up
DDN	1. 361918995	3. 62647772	1. 54E-06	9. 00E-06	Up
SOX2	-1. 33729949	5. 609038561	3. 27E-10	4. 39E-09	Down
C6orf223	-1. 03368003	1. 270481063	8. 11E-06	3. 99E-05	Down
FDCSP	4. 413110447	7. 375101267	7. 33E-14	1. 72E-12	Up
P2RY13	2. 058906584	1. 43224667	6. 06E-34	6. 53E-32	Up
ADGRB1	-1. 20781277	1. 963458247	2. 55E-07	1. 80E-06	Down
TIGIT	2. 095141134	2. 9338157	1. 26E-43	4. 33E-41	Up
P2RY8	1. 834406748	2. 112657296	1. 28E-34	1. 49E-32	Up
UBA7	1. 003496245	5. 390782965	5. 36E-17	1. 76E-15	Up
B4GALNT4	-1. 33682649	2. 826862142	5. 66E-10	7. 25E-09	Down
C1S	1. 062467919	8. 75570537	4. 55E-22	2. 17E-20	Up
CAV3	1. 437212709	1. 059965645	0. 000351969	0. 001109811	Up
CSF1R	1. 748133183	5. 639799982	1. 72E-40	3. 71E-38	Up
PPP1R27	1. 263049804	2. 602520457	0. 00025053	0. 000826084	Up
LCK	1. 374445019	3. 425632742	1. 14E-25	6. 97E-24	Up
SPATA13	1. 063450946	3. 289294873	4. 99E-21	2. 22E-19	Up
SLC8A1	1. 292670406	2. 709276886	1. 51E-22	7. 58E-21	Up
NEB	1. 373697168	7. 235622263	7. 93E-05	0. 000298049	Up
TMEM119	1. 131211147	3. 741586888	1. 39E-08	1. 31E-07	Up
PRR36	-1. 05863677	0. 651084615	1. 05E-07	8. 15E-07	Down
MX2	1. 211925041	6. 383457032	1. 11E-13	2. 52E-12	Up
TENT5C	1. 73186871	3. 991049017	8. 33E-19	3. 26E-17	Up
OLFML1	1. 114438237	2. 484954319	4. 66E-13	9. 79E-12	Up
CCR4	2. 364563132	1. 354341304	1. 17E-34	1. 37E-32	Up
SCN5A	1. 075449927	1. 400845799	3. 39E-05	0. 000141917	Up
DNAH2	-1. 34285396	1. 555854113	2. 74E-09	2. 99E-08	Down

SH2D1A	2.412689946	1.11362227	8.68E-42	2.24E-39	Up
NPW	-1.54946205	1.005439173	1.20E-11	2.07E-10	Down
SPRR4	-1.00851922	3.798947055	0.000161334	0.000561321	Down
ADRA2C	-1.00551761	1.891398613	2.29E-07	1.63E-06	Down
C1QTNF12	-1.08946905	2.792001417	3.07E-06	1.68E-05	Down
CSF1	1.212572287	5.364363681	2.94E-31	2.66E-29	Up
BEX5	-1.11029684	0.342813036	1.49E-07	1.12E-06	Down
PDE4B	1.098954702	4.289863562	1.48E-11	2.50E-10	Up
APOBR	1.089529564	3.70830241	6.17E-20	2.59E-18	Up
PRR16	1.04656766	1.376884746	2.22E-10	3.06E-09	Up
FMNL1	1.32070592	4.76112042	1.40E-38	2.44E-36	Up
GPRIN3	1.707354718	3.124640313	1.77E-42	4.92E-40	Up
STAC3	1.258017621	5.026748299	1.09E-05	5.19E-05	Up
LSAMP	1.182681656	2.797320999	2.80E-09	3.05E-08	Up
KRT79	-1.03316409	3.221898935	0.000500083	0.001511157	Down
SRL	1.108731164	3.484426968	0.000551155	0.001644033	Up
IFIT1	1.180063258	6.72014655	1.54E-09	1.78E-08	Up
IKZF1	2.079625618	3.543002407	4.20E-45	1.76E-42	Up
CCDC190	-1.97446987	2.568790375	1.05E-09	1.27E-08	Down
EVI2B	1.926851726	3.124843493	1.84E-47	1.24E-44	Up
C16orf54	1.091504839	2.248913452	8.57E-10	1.05E-08	Up
CD300LF	1.478760942	1.429461063	7.31E-25	4.28E-23	Up
MARC1	-1.01488706	2.348899044	1.25E-09	1.48E-08	Down
CD300E	1.337144479	1.97983668	2.85E-12	5.40E-11	Up
TRDN	1.302903732	4.326416851	0.00238404	0.005931996	Up
ARHGAP30	1.151314641	4.593886979	1.34E-27	9.52E-26	Up
CYP4F3	-1.24579909	3.993146564	3.46E-06	1.87E-05	Down
CXCR3	2.645947025	1.884623884	1.00E-44	3.90E-42	Up
LILRB4	2.006073612	4.021504366	1.15E-28	9.02E-27	Up
TNFRSF4	1.18408434	2.434532038	8.18E-14	1.89E-12	Up
EMID1	-1.0749199	2.117544388	6.41E-08	5.25E-07	Down
LILRA5	1.163479143	1.412087058	2.88E-11	4.63E-10	Up
AKR1C1	-1.92923193	7.593891369	3.95E-14	9.45E-13	Down
FPR3	2.051463335	4.344799286	7.43E-48	6.07E-45	Up
ZNF385C	-1.28329125	0.368665588	4.42E-15	1.19E-13	Down
TRPV2	1.154038831	3.715054608	4.53E-22	2.17E-20	Up
COL14A1	1.123666787	4.958113232	1.05E-09	1.27E-08	Up
C026412	-1.13924145	1.931940799	1.56E-15	4.44E-14	Down
RUFY4	1.430542226	0.230505926	2.10E-13	4.64E-12	Up
SBK1	-1.56721444	2.326254974	2.08E-16	6.54E-15	Down
PDCD1	2.287440145	1.580929538	6.22E-40	1.22E-37	Up
SELL	2.113498837	3.235828338	3.87E-35	4.85E-33	Up
CERKL	1.040915268	2.173572172	6.92E-17	2.26E-15	Up
NKAIN2	-1.03455364	0.523182095	1.25E-05	5.85E-05	Down
PRELP	1.231665535	4.091228775	1.47E-07	1.10E-06	Up
ZDHHC11	-1.17718041	0.764270576	2.76E-10	3.73E-09	Down
CALHM6	1.463995794	3.078840711	1.30E-17	4.57E-16	Up
KLRG2	-1.21753212	2.656981421	9.76E-14	2.23E-12	Down
RELN	1.049788663	1.027975861	3.26E-06	1.77E-05	Up
MYBPC1	1.842535801	6.477209257	6.50E-05	0.000251312	Up
HLA-DRB1	1.89561122	8.630329675	6.61E-31	5.93E-29	Up

AKR1C3	-1.80411879	6.846025872	3.69E-15	9.98E-14	Down
FAT4	1.323766316	2.614864765	4.07E-13	8.67E-12	Up
ATP2A1	1.59628767	4.830355603	8.18E-06	4.02E-05	Up
TLR7	2.329656622	1.363529059	1.25E-35	1.59E-33	Up
HSH2D	1.395033294	2.583490287	1.28E-16	4.11E-15	Up
HLA-DQA1	2.130097638	6.746910995	1.19E-38	2.11E-36	Up
CHRN	1.550008705	1.018454115	4.08E-06	2.16E-05	Up
TMEM26	1.014776091	0.288147422	5.39E-11	8.23E-10	Up
ACSL5	1.174113657	4.747869304	1.18E-14	3.05E-13	Up
PIWIL2	-1.23708881	1.709251518	1.16E-06	7.06E-06	Down
C5AR1	1.370161573	3.895074295	2.29E-21	1.05E-19	Up
SPN	2.129407769	3.441367658	8.31E-48	6.45E-45	Up
C5orf56	1.175401439	1.720049464	9.45E-18	3.38E-16	Up
GZMM	1.685580347	0.533434689	1.69E-18	6.40E-17	Up
MPEG1	2.207136496	4.618055019	9.23E-47	5.51E-44	Up
PDCD1LG2	1.466418729	3.225437832	1.20E-15	3.51E-14	Up
SLC22A20F	-1.22920413	2.86588102	2.71E-09	2.96E-08	Down
NRAP	1.466548943	5.94865193	0.00181479	0.004678408	Up
MB	1.609169529	6.533117618	1.67E-05	7.57E-05	Up
CSF2RA	1.049703054	2.740875873	1.03E-18	3.97E-17	Up
TMEM116	-1.23233509	2.802550195	7.98E-16	2.36E-14	Down
PEG3	1.336488604	1.222994231	1.13E-06	6.90E-06	Up
MYL4	1.407740818	1.331862933	5.18E-06	2.68E-05	Up
HLA-DRB5	2.19106132	6.888480792	5.37E-35	6.57E-33	Up
PLN	1.509221078	1.442705241	2.87E-08	2.53E-07	Up
CCDC69	1.121652246	4.615761341	9.80E-21	4.30E-19	Up
RYSR	-1.01462904	1.358089139	1.08E-05	5.12E-05	Down
F5	1.41637413	1.452165901	3.25E-15	8.81E-14	Up
COLGALT2	-1.45820536	1.214126654	1.14E-11	1.97E-10	Down
RCS1	1.324762549	3.284301926	1.59E-22	7.97E-21	Up
RASSF9	-1.01263323	3.402924319	2.07E-07	1.50E-06	Down
CD247	1.603569898	2.644769329	3.06E-24	1.70E-22	Up
SUCNR1	1.611122074	0.894340604	3.76E-26	2.40E-24	Up
DUSP27	1.651305262	2.399906879	4.60E-05	0.000185354	Up
CES1	-2.11293782	6.204046353	1.85E-10	2.58E-09	Down
CD3E	2.247665878	4.06927067	9.95E-53	5.15E-49	Up
CSAG1	-1.0306697	2.357918502	0.002353612	0.005867578	Down
FCGR3A	1.996443967	5.396717007	3.47E-34	3.87E-32	Up
GGTA1P	1.548093076	1.922979975	4.59E-26	2.90E-24	Up
TMEM273	1.213863465	1.855261196	2.91E-25	1.75E-23	Up
HLA-DOA	2.335782097	4.410569503	1.88E-38	3.21E-36	Up
HLA-DMA	1.5756562	5.816728446	2.97E-25	1.79E-23	Up
HLA-DRA	1.944442131	9.299044281	5.52E-37	8.16E-35	Up
COL15A1	1.213485436	5.920146293	1.68E-15	4.73E-14	Up
AIF1	1.304075315	4.117275425	3.50E-21	1.57E-19	Up
LST1	1.194080581	3.01609865	2.36E-18	8.79E-17	Up
MUC21	1.477194796	4.677031887	0.001249645	0.00336113	Up
LILRB3	1.349641736	1.019236021	3.91E-26	2.48E-24	Up
HLA-J	1.042994522	2.734250673	2.86E-06	1.58E-05	Up
HLA-F	1.026275529	7.198196758	4.35E-14	1.04E-12	Up
SLFN12L	1.264573045	0.370196498	5.95E-24	3.26E-22	Up

PSMB10	1. 028741681	5. 30396841	1. 01E-18	3. 91E-17	Up
INSYN1	-1. 05443498	1. 662737957	1. 45E-08	1. 36E-07	Down
KRT81	3. 342046049	4. 429129837	3. 52E-15	9. 54E-14	Up
ZDHHC11B	-1. 01004657	1. 416641011	4. 22E-07	2. 82E-06	Down
ATP10A	1. 102914736	2. 596716957	1. 02E-13	2. 31E-12	Up
COL6A6	1. 45965278	0. 659028126	1. 51E-09	1. 75E-08	Up
IGKC	1. 734837926	10. 27888387	8. 87E-10	1. 08E-08	Up
IGKV4-1	2. 111555482	6. 057527244	2. 59E-12	4. 93E-11	Up
IGKV3D-2C	2. 623890435	1. 925653365	7. 76E-14	1. 80E-12	Up
IGLV4-69	2. 722480145	3. 226148039	3. 93E-16	1. 21E-14	Up
IGLV8-61	2. 461114046	2. 504826666	9. 69E-12	1. 70E-10	Up
IGLV6-57	2. 712151371	5. 055674315	2. 99E-13	6. 47E-12	Up
IGLV10-54	1. 114842231	1. 209134506	0. 003126454	0. 007535158	Up
IGLV1-51	2. 015883315	4. 822782119	5. 83E-11	8. 82E-10	Up
IGLV1-47	2. 167797305	4. 113357541	2. 83E-12	5. 37E-11	Up
IGLV7-46	2. 697755836	2. 371951062	5. 07E-14	1. 20E-12	Up
IGLV5-45	2. 368751763	1. 237306699	8. 41E-11	1. 24E-09	Up
IGLV1-44	2. 353600059	4. 620643036	2. 01E-13	4. 45E-12	Up
IGLV7-43	2. 15812757	1. 99176951	8. 28E-10	1. 02E-08	Up
IGLV1-40	2. 200044665	5. 000476828	2. 33E-13	5. 11E-12	Up
IGLV1-36	1. 534763974	1. 338583857	2. 59E-05	0. 000111793	Up
IGLV3-27	3. 358439776	2. 108966117	2. 55E-15	7. 02E-14	Up
IGLV3-25	2. 344768132	4. 746985271	2. 02E-13	4. 48E-12	Up
IGLV2-23	2. 213822295	4. 761688913	4. 53E-13	9. 55E-12	Up
IGLV3-21	2. 792545254	6. 186353855	4. 10E-16	1. 26E-14	Up
IGLV3-19	2. 325836667	4. 708276117	2. 43E-12	4. 66E-11	Up
IGLV2-14	2. 605371452	5. 41386301	1. 42E-15	4. 06E-14	Up
IGLV2-11	2. 380583491	4. 37151875	1. 04E-12	2. 08E-11	Up
IGLV3-10	1. 871283802	3. 409963316	2. 16E-07	1. 56E-06	Up
IGLV3-9	2. 54619873	2. 425509375	5. 28E-12	9. 64E-11	Up
IGLV3-1	2. 213904125	3. 956143896	1. 96E-12	3. 80E-11	Up
IGLC2	1. 958908958	6. 911023482	9. 28E-13	1. 88E-11	Up
IGLC3	1. 72441375	6. 27656385	7. 25E-10	9. 00E-09	Up
IGLC7	2. 081931726	1. 881361382	3. 50E-08	3. 03E-07	Up
TRBV28	2. 14062961	2. 246230494	1. 50E-36	2. 10E-34	Up
TRBC2	2. 004335945	3. 942122771	4. 90E-33	4. 90E-31	Up
TRDC	2. 063822501	0. 196089788	2. 49E-23	1. 30E-21	Up
IGHA2	1. 102288542	7. 41312618	0. 000567912	0. 001687529	Up
IGHG4	2. 100747921	8. 29006127	8. 77E-11	1. 29E-09	Up
IGHG2	1. 765739821	9. 116670738	4. 20E-09	4. 40E-08	Up
IGHA1	1. 775889	9. 604082813	3. 22E-09	3. 47E-08	Up
IGHG1	2. 025459382	11. 0800124	8. 90E-13	1. 80E-11	Up
IGHG3	1. 776333341	7. 919231783	1. 41E-10	2. 00E-09	Up
IGHM	2. 789587568	7. 416421671	2. 35E-17	8. 09E-16	Up
IGHV1-2	2. 179526981	3. 948321873	8. 90E-10	1. 09E-08	Up
IGHV2-5	1. 853444901	0. 855798562	3. 37E-08	2. 93E-07	Up
IGHV3-11	2. 573204343	3. 916180059	1. 77E-14	4. 50E-13	Up
IGHV3-13	2. 212386154	1. 005821905	5. 26E-10	6. 78E-09	Up
IGHV3-15	2. 484655407	4. 215454682	2. 04E-14	5. 16E-13	Up
IGHV1-18	2. 605767709	5. 120045032	5. 10E-14	1. 20E-12	Up
IGHV3-21	2. 212999028	3. 93782255	5. 30E-12	9. 67E-11	Up

IGHV3-23	2.384101307	5.320049333	2.97E-14	7.28E-13	Up
IGHV1-24	2.699048245	3.586331482	1.52E-14	3.89E-13	Up
IGHV2-26	3.001249215	2.423087492	4.81E-14	1.14E-12	Up
IGHV4-28	2.377682087	1.257526708	4.48E-13	9.46E-12	Up
IGHV3-33	2.590299776	3.274566975	1.32E-15	3.81E-14	Up
IGHV4-34	2.470154098	3.63237889	1.63E-14	4.15E-13	Up
IGHV4-39	2.442949818	4.769080519	3.48E-14	8.40E-13	Up
IGHV1-46	2.440109042	3.883995427	2.88E-14	7.08E-13	Up
IGHV3-48	2.620617548	2.014342057	1.29E-15	3.72E-14	Up
IGHV3-49	2.106412123	2.775107221	2.33E-11	3.81E-10	Up
IGHV5-51	2.019933538	4.895117477	6.52E-11	9.79E-10	Up
IGHV3-53	2.297078169	2.179886206	1.33E-11	2.27E-10	Up
IGHV1-58	2.367347691	1.277416263	7.52E-10	9.31E-09	Up
IGHV3-66	2.047418337	0.825689898	6.70E-10	8.40E-09	Up
IGHV1-69	2.602260374	2.56085208	5.98E-12	1.08E-10	Up
IGHV3-73	3.466723188	3.407507266	6.32E-16	1.90E-14	Up
ACKR1	1.085619802	3.117032241	2.94E-06	1.62E-05	Up
GIMAP1	1.687624929	1.985124317	1.96E-39	3.61E-37	Up
GSTM2	-1.50577291	3.160007485	3.00E-14	7.33E-13	Down
GPSM3	1.252705707	4.0267832	3.39E-34	3.82E-32	Up
UBD	1.712131982	3.22455077	4.70E-11	7.24E-10	Up
KRT42P	-1.63603873	2.864949526	1.41E-18	5.40E-17	Down
.C098934.	-1.09499074	0.412108093	1.02E-09	1.24E-08	Down
SMTNL1	1.640250339	1.643844692	4.70E-08	3.96E-07	Up
LINC01139	-1.02448048	1.041262407	0.000161667	0.000562104	Down
.C245297.	1.433343408	2.107127826	2.57E-08	2.28E-07	Up
.L109918.	-1.71990158	1.824414899	7.34E-19	2.88E-17	Down
EBF2	1.068407848	0.472920504	4.10E-09	4.31E-08	Up
APOL6	1.42455796	6.899548541	1.73E-30	1.53E-28	Up
IGLV9-49	2.187079019	0.752167618	1.13E-09	1.34E-08	Up
HLA-DPB1	1.777786789	7.582094548	9.86E-32	9.27E-30	Up
LINC01133	-1.5029142	3.156090638	6.70E-13	1.38E-11	Down
IGHV4-59	2.214504645	4.160503366	3.27E-12	6.13E-11	Up
C4B	1.839720913	1.358173447	6.51E-19	2.57E-17	Up
IGHV3-74	2.415616731	3.490515322	8.70E-15	2.28E-13	Up
IGHV3-72	1.974944681	1.227203776	2.08E-09	2.34E-08	Up
FAM30A	1.785475268	0.27013846	3.55E-13	7.62E-12	Up
TRGC2	2.25586584	0.058026939	2.51E-29	2.03E-27	Up
LTB	1.317661418	3.089839443	7.44E-19	2.92E-17	Up
PSPC1P1	-1.12346912	0.058726188	1.46E-09	1.70E-08	Down
NRNPA1P2	1.670102102	0.840244235	8.16E-43	2.48E-40	Up
ZNF883	-1.39141572	0.605019931	3.90E-10	5.14E-09	Down
HLA-DRB6	1.673663501	4.739833075	1.78E-18	6.73E-17	Up
CXCR2P1	3.540036574	1.074433261	6.69E-39	1.19E-36	Up
.L118508.	-1.48863839	1.297399931	8.70E-10	1.06E-08	Down
.ERPINB9P	1.074999967	0.553301473	1.14E-10	1.63E-09	Up
.C005077.	-1.27261505	0.286650628	8.75E-13	1.78E-11	Down
HLA-DPA1	2.056356493	7.84074525	5.57E-36	7.27E-34	Up
IGHV4-31	2.164617865	2.762237199	3.87E-11	6.09E-10	Up
.C007098.	-1.22015718	0.12493176	1.22E-14	3.15E-13	Down
DLX6-AS1	-1.00491482	0.934051998	2.14E-09	2.39E-08	Down

IGHV3-43	1.93697777	1.568726308	9.70E-08	7.63E-07	Up
LINC00865	-1.19569854	0.524000833	3.40E-13	7.31E-12	Down
HLA-DQB2	1.315549389	4.871803074	4.60E-11	7.09E-10	Up
PINLYP	-1.21546877	2.356955434	8.53E-16	2.52E-14	Down
CASP17P	1.053208526	0.081150716	1.62E-15	4.58E-14	Up
NFAM1	1.4967267	3.237133543	2.56E-23	1.34E-21	Up
MXRA5Y	1.081275277	0.573281733	0.000234648	0.000779515	Up
HLA-DQA2	1.606763997	4.665676648	2.72E-13	5.93E-12	Up
CNMB2-AS	-1.09381451	1.435938665	9.05E-09	8.89E-08	Down
OR2I1P	2.127260293	2.902937099	1.97E-15	5.51E-14	Up
KLHL41	1.760663941	5.281200824	2.36E-05	0.000103113	Up
APOBEC3G	1.231591745	4.144130256	5.33E-18	1.94E-16	Up
IGKV1-6	1.731241217	2.73222016	6.09E-08	5.02E-07	Up
IGKV3-20	1.847555385	6.144878346	2.29E-10	3.15E-09	Up
LILRA2	1.442269613	0.308998878	1.62E-23	8.62E-22	Up
PSMB9	1.196953748	6.736073474	4.02E-16	1.24E-14	Up
IGKV1-17	2.807918199	3.965024037	8.33E-13	1.70E-11	Up
IGKV1-8	2.294039973	1.36433476	8.15E-12	1.44E-10	Up
IGKV1-16	1.906406812	3.38076378	3.99E-08	3.42E-07	Up
PLCXD2	-1.42601291	1.726936362	6.60E-12	1.18E-10	Down
IGKV2-24	3.127323874	3.182114692	6.81E-15	1.81E-13	Up
IGKV3-11	2.018914606	6.157595818	2.41E-12	4.63E-11	Up
IGKV1-9	2.095134529	3.765686853	1.64E-10	2.30E-09	Up
PEG10	-1.69450271	3.964731478	1.03E-10	1.49E-09	Down
HLA-DMB	1.830274663	5.018343279	3.69E-32	3.56E-30	Up
IGKV2D-29	1.317239816	1.767786333	0.000259661	0.000851125	Up
IGKV1-5	2.145484787	5.841419183	4.37E-13	9.25E-12	Up
UPK3B	-1.25492045	3.382165309	1.65E-09	1.89E-08	Down
CFB	1.140295619	3.730174295	4.42E-13	9.34E-12	Up
APOBEC3D	1.139053612	2.209953245	7.30E-15	1.93E-13	Up
IGKV3-15	2.414042857	4.595486117	2.52E-15	6.95E-14	Up
LILRA6	1.608682375	0.882269899	2.55E-28	1.93E-26	Up
IGKV1-27	2.266375899	2.966390257	3.60E-11	5.69E-10	Up
FCGR2C	1.16162601	0.384405849	2.04E-14	5.16E-13	Up
C4A	1.767130192	1.185309905	2.24E-20	9.69E-19	Up
CTD21-AS	-1.02953485	0.191211331	1.61E-13	3.60E-12	Down
CED1B-AS	1.64267365	1.852541851	4.29E-34	4.65E-32	Up
C4orf54	1.36881628	1.641791453	4.49E-05	0.000181544	Up
C105460.	-1.09040987	3.523774967	0.000894498	0.002517185	Down
PCDHGA12	1.448047613	0.316602743	5.27E-14	1.24E-12	Up
IGHGP	1.79715287	5.753676645	1.01E-09	1.22E-08	Up
SIGLEC14	1.937439524	0.870800031	3.43E-24	1.90E-22	Up
SIGLEC12	1.951607957	1.186443264	3.12E-17	1.06E-15	Up
C027031.	-1.16321699	1.104219543	2.20E-14	5.52E-13	Down
IGLL5	1.963438473	5.360979273	1.19E-11	2.06E-10	Up
GVINP1	2.346624275	1.381807817	1.67E-44	6.32E-42	Up
SAA2-SAA4	1.665231667	1.395191391	5.60E-10	7.17E-09	Up
MIR9-3HG	-1.03477624	2.627975294	3.86E-06	2.06E-05	Down
TIFAB	2.532033726	0.068533494	1.84E-39	3.43E-37	Up
CTSO	1.062609951	4.496225529	3.79E-23	1.96E-21	Up
USP30-AS1	1.680371604	0.209652616	6.06E-17	1.99E-15	Up

KHDC1L	-1.09799456	1.771778344	3.84E-07	2.59E-06	Down
MIR200CHG	-1.0243273	1.522032974	2.35E-10	3.21E-09	Down
G2E3-AS1	-1.10435178	-0.18197117	0.000736898	0.002117752	Down
LINC0064C	-1.00900728	0.566504729	2.13E-13	4.70E-12	Down
ITGB3	1.019134338	1.071085035	1.16E-08	1.12E-07	Up
L365361.	2.290230496	0.134335885	1.94E-29	1.58E-27	Up
SNHG19	-1.02654672	3.112358368	3.36E-11	5.34E-10	Down
MRC1	1.616459558	4.335144166	2.21E-18	8.27E-17	Up
.C011374.	-1.58885411	2.021111428	5.85E-22	2.77E-20	Down
.C093278.	1.113074957	1.070421561	7.07E-22	3.33E-20	Up
PECAM1	1.106190833	6.401948451	2.72E-23	1.42E-21	Up
.C108860.	-1.08768971	0.231522077	2.11E-17	7.33E-16	Down
LGAP1-AS1	-1.25559703	1.143638066	8.82E-23	4.47E-21	Down
MMP12	1.374993028	6.175710749	3.86E-13	8.26E-12	Up
SPON1	1.128742122	4.373384256	1.55E-09	1.78E-08	Up
.C005722.	-1.12154518	0.394469143	7.26E-10	9.01E-09	Down
RHEX	1.356862165	2.947317942	8.26E-11	1.22E-09	Up
GJA5	1.146209053	2.142079556	9.50E-12	1.67E-10	Up
.C004687.	1.25273707	0.27958372	7.25E-09	7.31E-08	Up
LINC00668	-1.1532124	1.947312853	3.14E-05	0.00013265	Down
.C005336.	-1.83406731	1.65116592	4.15E-10	5.44E-09	Down
.C008105.	1.010041838	0.495871793	4.41E-10	5.76E-09	Up
SMIM22	-1.78597166	2.352112651	5.18E-12	9.48E-11	Down
IGFL2-AS1	-1.39715757	2.899165959	1.01E-09	1.22E-08	Down
SPIB	1.5228564	2.557999686	5.96E-06	3.03E-05	Up
IGHV3-30	2.394575083	4.246596101	6.67E-14	1.56E-12	Up
CCL5	1.213254362	6.348108543	1.07E-10	1.54E-09	Up
MILR1	1.433372181	0.9515478	1.34E-25	8.16E-24	Up
'AXIP1-AS	-1.03813985	2.091371636	5.61E-26	3.48E-24	Down
.L035661.	-1.06292004	2.475688422	2.13E-11	3.50E-10	Down
IGHV2-70	1.932545956	1.92361144	9.48E-08	7.48E-07	Up
CCL4	1.741058996	3.265582746	1.40E-29	1.16E-27	Up
CCL18	1.690480683	4.975109507	1.49E-15	4.26E-14	Up
CCL4L2	1.427808431	2.003268857	2.35E-16	7.33E-15	Up
PIK3R6	1.100805273	0.800454166	1.03E-21	4.83E-20	Up
CCL3	1.3026593	3.008736549	6.83E-15	1.81E-13	Up
TRAC	2.107741779	4.52388757	8.27E-49	1.20E-45	Up
IGLV2-8	3.368720506	4.32266296	8.15E-17	2.64E-15	Up
ZNF229	-1.13689263	0.929428964	4.40E-07	2.93E-06	Down
.L590226.	-1.14668624	0.686810437	6.59E-09	6.67E-08	Down
.C133065.	1.154666525	1.041724729	1.07E-10	1.55E-09	Up
IGHV1-69C	2.962097945	4.134464202	2.73E-16	8.50E-15	Up
TRG-AS1	1.824803333	0.056873232	3.05E-33	3.12E-31	Up