

X	p_val	avg_log2F(pct.1	pct.2	p_val_adj	cluster	gene
1 S100A8	0	7.821237	0.917	0.155	0	Myeloid ce S100A8
2 S100A9	0	7.210535	0.955	0.132	0	Myeloid ce S100A9
3 S100A12	0	5.672288	0.697	0.039	0	Myeloid ce S100A12
4 LYZ	0	5.181012	0.918	0.034	0	Myeloid ce LYZ
5 CST3	0	5.030543	0.908	0.048	0	Myeloid ce CST3
6 SERPINA1	0	4.191397	0.935	0.01	0	Myeloid ce SERPINA1
7 FCN1	0	4.034717	0.896	0.007	0	Myeloid ce FCN1
8 LST1	0	3.930572	0.939	0.073	0	Myeloid ce LST1
9 TYROBP	0	3.92864	0.993	0.104	0	Myeloid ce TYROBP
10 FOS	0	3.877522	0.691	0.038	0	Myeloid ce FOS
11 AIF1	0	3.809571	0.962	0.202	0	Myeloid ce AIF1
12 S100A11	0	3.766886	0.994	0.403	0	Myeloid ce S100A11
13 FCER1G	0	3.585591	0.98	0.127	0	Myeloid ce FCER1G
14 LGALS1	0	3.456165	0.919	0.144	0	Myeloid ce LGALS1
15 S100A6	0	3.447806	0.998	0.721	0	Myeloid ce S100A6
16 SAT1	0	3.440711	0.961	0.372	0	Myeloid ce SAT1
17 STXBP2	0	3.339519	0.883	0.099	0	Myeloid ce STXBP2
18 VCAN	0	3.211198	0.615	0.007	0	Myeloid ce VCAN
19 MNDA	0	3.207189	0.89	0.016	0	Myeloid ce MNDA
20 TYMP	0	3.197318	0.948	0.12	0	Myeloid ce TYMP
21 CD14	0	3.196552	0.678	0.005	0	Myeloid ce CD14
22 IFITM3	0	3.169006	0.931	0.502	0	Myeloid ce IFITM3
23 S100A4	0	3.159638	0.985	0.483	0	Myeloid ce S100A4
24 FTL	0	3.053355	1	0.992	0	Myeloid ce FTL
25 CFD	0	2.91379	0.726	0.016	0	Myeloid ce CFD
26 TSPO	0	2.885727	0.975	0.416	0	Myeloid ce TSPO
27 TMEM176B	0	2.792783	0.725	0.003	0	Myeloid ce TMEM176B
28 PSAP	0	2.73608	0.914	0.346	0	Myeloid ce PSAP
29 RETN	0	2.734867	0.526	0.005	0	Myeloid ce RETN
30 CTSS	0	2.733163	0.923	0.289	0	Myeloid ce CTSS
31 CD68	0	2.674124	0.754	0.021	0	Myeloid ce CD68
32 TIMP1	0	2.614491	0.827	0.162	0	Myeloid ce TIMP1
33 DUSP1	0	2.610125	0.793	0.161	0	Myeloid ce DUSP1
34 CSF3R	0	2.609487	0.613	0.004	0	Myeloid ce CSF3R
35 NEAT1	0	2.604553	0.876	0.256	0	Myeloid ce NEAT1
36 SMIM25	0	2.577798	0.657	0.003	0	Myeloid ce SMIM25
37 GRN	0	2.577091	0.873	0.154	0	Myeloid ce GRN
38 FTH1	0	2.553388	0.995	0.98	0	Myeloid ce FTH1
39 LILRA5	0	2.506803	0.706	0.003	0	Myeloid ce LILRA5
40 FPR1	0	2.497933	0.759	0.003	0	Myeloid ce FPR1
41 MS4A6A	0	2.474887	0.719	0.009	0	Myeloid ce MS4A6A
42 CSTA	0	2.462298	0.756	0.003	0	Myeloid ce CSTA
43 LGALS3	0	2.455754	0.767	0.039	0	Myeloid ce LGALS3
44 LILRB2	0	2.437697	0.719	0.005	0	Myeloid ce LILRB2
45 SPI1	0	2.418785	0.843	0.086	0	Myeloid ce SPI1
46 COTL1	0	2.413239	0.965	0.544	0	Myeloid ce COTL1

47 PLBD1	0	2.339451	0.637	0.006	0 Myeloid ce PLBD1
48 IFI30	0	2.321981	0.727	0.048	0 Myeloid ce IFI30
49 PYCARD	0	2.26237	0.935	0.295	0 Myeloid ce PYCARD
50 S100A10	0	2.253368	0.885	0.588	0 Myeloid ce S100A10
51 GCA	0	2.233257	0.756	0.134	0 Myeloid ce GCA
52 SRGN	0	2.196527	0.947	0.337	0 Myeloid ce SRGN
53 HCK	0	2.174349	0.777	0.054	0 Myeloid ce HCK
54 CDA	0	2.155361	0.635	0.003	0 Myeloid ce CDA
55 MS4A7	0	2.144245	0.486	0.018	0 Myeloid ce MS4A7
56 ANXA2	0	2.138229	0.834	0.238	0 Myeloid ce ANXA2
57 SLC11A1	0	2.132005	0.71	0.015	0 Myeloid ce SLC11A1
58 NAMPT	0	2.129793	0.523	0.087	0 Myeloid ce NAMPT
59 LGALS2	0	2.128347	0.412	0.001	0 Myeloid ce LGALS2
60 TMEM176A	0	2.082477	0.603	0.002	0 Myeloid ce TMEM176A
61 CFP	0	2.068683	0.718	0.038	0 Myeloid ce CFP
62 RNF130	0	2.04735	0.798	0.073	0 Myeloid ce RNF130
63 FGL2	0	2.046216	0.678	0.025	0 Myeloid ce FGL2
64 FCGR3A	0	2.030361	0.348	0.093	0 Myeloid ce FCGR3A
65 BCL2A1	0	2.029651	0.625	0.108	0 Myeloid ce BCL2A1
66 G0S2	0	2.012416	0.136	0.003	0 Myeloid ce G0S2
67 TNFSF13B	0	1.987435	0.72	0.014	0 Myeloid ce TNFSF13B
68 RGS2	0	1.987205	0.575	0.021	0 Myeloid ce RGS2
69 CYBB	0	1.981352	0.77	0.093	0 Myeloid ce CYBB
70 NCF2	0	1.970695	0.722	0.016	0 Myeloid ce NCF2
71 CLEC12A	0	1.970119	0.675	0.004	0 Myeloid ce CLEC12A
72 PGD	0	1.969129	0.773	0.15	0 Myeloid ce PGD
73 IFITM2	0	1.967302	0.954	0.81	0 Myeloid ce IFITM2
74 PILRA	0	1.966571	0.625	0.003	0 Myeloid ce PILRA
75 TKT	0	1.917438	0.918	0.458	0 Myeloid ce TKT
76 HK3	0	1.903743	0.636	0.002	0 Myeloid ce HK3
77 FGR	0	1.901647	0.843	0.148	0 Myeloid ce FGR
78 LRRC25	0	1.89718	0.634	0.014	0 Myeloid ce LRRC25
79 ANXA5	0	1.895412	0.828	0.202	0 Myeloid ce ANXA5
80 CPVL	0	1.829711	0.585	0.002	0 Myeloid ce CPVL
81 NPC2	0	1.821415	0.8	0.247	0 Myeloid ce NPC2
82 VIM	0	1.818831	0.987	0.791	0 Myeloid ce VIM
83 TALDO1	0	1.806753	0.914	0.429	0 Myeloid ce TALDO1
84 RAB31	0	1.792863	0.7	0.035	0 Myeloid ce RAB31
85 FCGRT	0	1.766785	0.765	0.14	0 Myeloid ce FCGRT
86 VSIR	0	1.765559	0.884	0.343	0 Myeloid ce VSIR
87 MCEMP1	0	1.752744	0.386	0.002	0 Myeloid ce MCEMP1
88 C1QA	0	1.7506	0.135	0.001	0 Myeloid ce C1QA
89 BLVRB	0	1.741635	0.662	0.071	0 Myeloid ce BLVRB
90 C5AR1	0	1.738937	0.515	0.002	0 Myeloid ce C5AR1
91 C19orf38	0	1.737341	0.659	0.022	0 Myeloid ce C19orf38
92 CTSD	0	1.732473	0.596	0.058	0 Myeloid ce CTSD
93 CTSB	0	1.724184	0.738	0.167	0 Myeloid ce CTSB

94	GSTP1	0	1.709326	0.855	0.49	0	Myeloid ce GSTP1
95	ZFP36	0	1.690969	0.804	0.546	0	Myeloid ce ZFP36
96	SLC7A7	0	1.682514	0.574	0.012	0	Myeloid ce SLC7A7
97	DUSP6	0	1.666922	0.538	0.015	0	Myeloid ce DUSP6
98	IGSF6	0	1.652825	0.602	0.003	0	Myeloid ce IGSF6
99	MSRB1	0	1.633253	0.597	0.053	0	Myeloid ce MSRB1
100	AGTRAP	0	1.626607	0.765	0.161	0	Myeloid ce AGTRAP
101	GABARAP	0	1.626161	0.985	0.802	0	Myeloid ce GABARAP
102	SOD2	0	1.614968	0.601	0.141	0	Myeloid ce SOD2
103	MYO1F	0	1.612363	0.722	0.101	0	Myeloid ce MYO1F
104	LILRB3	0	1.61034	0.565	0.002	0	Myeloid ce LILRB3
105	GAPDH	0	1.606652	0.994	0.89	0	Myeloid ce GAPDH
106	APLP2	0	1.603487	0.692	0.107	0	Myeloid ce APLP2
107	TNFRSF1B	0	1.596696	0.664	0.092	0	Myeloid ce TNFRSF1B
108	HMOX1	0	1.586465	0.514	0.022	0	Myeloid ce HMOX1
109	C4orf48	0	1.571638	0.827	0.235	0	Myeloid ce C4orf48
110	ALDOA	0	1.56749	0.918	0.607	0	Myeloid ce ALDOA
111	JAML	0	1.563104	0.689	0.11	0	Myeloid ce JAML
112	RAC1	0	1.559954	0.911	0.445	0	Myeloid ce RAC1
113	SERPINB1	0	1.547383	0.843	0.397	0	Myeloid ce SERPINB1
114	WARS	0	1.547013	0.474	0.091	0	Myeloid ce WARS
115	CD36	0	1.545631	0.473	0.003	0	Myeloid ce CD36
116	CPPED1	0	1.518088	0.588	0.029	0	Myeloid ce CPPED1
117	TUBA1A	0	1.514713	0.746	0.38	0	Myeloid ce TUBA1A
118	FCGR2A	0	1.512319	0.489	0.005	0	Myeloid ce FCGR2A
119	NFE2	0	1.511783	0.499	0.006	0	Myeloid ce NFE2
120	CD63	0	1.510757	0.705	0.17	0	Myeloid ce CD63
121	ASGR1	0	1.510574	0.482	0.001	0	Myeloid ce ASGR1
122	SH3BGR13	0	1.508345	0.998	0.933	0	Myeloid ce SH3BGR13
123	CARD16	0	1.506411	0.837	0.336	0	Myeloid ce CARD16
124	SLC25A37	0	1.505639	0.411	0.072	0	Myeloid ce SLC25A37
125	APOBEC3A	0	1.50282	0.365	0.001	0	Myeloid ce APOBEC3A
126	ATP6V0B	0	1.478906	0.882	0.395	0	Myeloid ce ATP6V0B
127	CEBPD	0	1.468993	0.436	0.021	0	Myeloid ce CEBPD
128	LILRA2	0	1.462983	0.541	0.002	0	Myeloid ce LILRA2
129	MT2A	0	1.460082	0.666	0.319	0	Myeloid ce MT2A
130	GLUL	0	1.458909	0.602	0.117	0	Myeloid ce GLUL
131	OAZ1	0	1.455491	0.997	0.931	0	Myeloid ce OAZ1
132	NUP214	0	1.454299	0.618	0.087	0	Myeloid ce NUP214
133	GRINA	0	1.453205	0.724	0.195	0	Myeloid ce GRINA
134	CSTB	0	1.443817	0.847	0.418	0	Myeloid ce CSTB
135	CAPG	0	1.438593	0.634	0.158	0	Myeloid ce CAPG
136	NAIP	0	1.437328	0.465	0.023	0	Myeloid ce NAIP
137	TCIRG1	0	1.433767	0.753	0.191	0	Myeloid ce TCIRG1
138	ANXA1	0	1.425964	0.827	0.29	0	Myeloid ce ANXA1
139	PLAUR	0	1.408241	0.483	0.006	0	Myeloid ce PLAUR
140	IER2	0	1.406459	0.738	0.467	0	Myeloid ce IER2

141	HRH2	0	1.405206	0.54	0.035	0	Myeloid ce HRH2
142	LILRB1	0	1.404376	0.457	0.044	0	Myeloid ce LILRB1
143	CLU	0	1.402121	0.338	0.011	0	Myeloid ce CLU
144	PRELID1	0	1.400808	0.841	0.47	0	Myeloid ce PRELID1
145	TXN	0	1.391444	0.779	0.308	0	Myeloid ce TXN
146	AP1S2	0	1.385753	0.704	0.209	0	Myeloid ce AP1S2
147	NINJ1	0	1.383995	0.614	0.131	0	Myeloid ce NINJ1
148	MPEG1	0	1.374138	0.553	0.042	0	Myeloid ce MPEG1
149	RHOG	0	1.371437	0.889	0.467	0	Myeloid ce RHOG
150	JUNB	0	1.371338	0.876	0.534	0	Myeloid ce JUNB
151	BRI3	0	1.363085	0.57	0.069	0	Myeloid ce BRI3
152	PRAM1	0	1.358846	0.509	0.004	0	Myeloid ce PRAM1
153	ZYX	0	1.356512	0.833	0.34	0	Myeloid ce ZYX
154	PTPRE	0	1.356103	0.586	0.076	0	Myeloid ce PTPRE
155	CASP1	0	1.35449	0.67	0.184	0	Myeloid ce CASP1
156	GNAI2	0	1.347147	0.739	0.216	0	Myeloid ce GNAI2
157	ASAH1	0	1.346305	0.706	0.243	0	Myeloid ce ASAH1
158	THEMIS2	0	1.345124	0.646	0.104	0	Myeloid ce THEMIS2
159	GNG5	0	1.341015	0.935	0.596	0	Myeloid ce GNG5
160	NCF1	0	1.32837	0.845	0.44	0	Myeloid ce NCF1
161	CSF1R	0	1.310474	0.396	0	0	Myeloid ce CSF1R
162	RBP7	0	1.305083	0.379	0.001	0	Myeloid ce RBP7
163	MYL6	0	1.300706	0.998	0.941	0	Myeloid ce MYL6
164	ITGB2	0	1.300193	0.936	0.61	0	Myeloid ce ITGB2
165	BID	0	1.297047	0.584	0.113	0	Myeloid ce BID
166	AP2S1	0	1.294554	0.831	0.39	0	Myeloid ce AP2S1
167	MAFB	0	1.294481	0.417	0.001	0	Myeloid ce MAFB
168	LRP1	0	1.293128	0.456	0.003	0	Myeloid ce LRP1
169	CLEC7A	0	1.292256	0.47	0.001	0	Myeloid ce CLEC7A
170	PECAM1	0	1.287496	0.577	0.122	0	Myeloid ce PECAM1
171	TBXAS1	0	1.284927	0.5	0.02	0	Myeloid ce TBXAS1
172	NCF4	0	1.281414	0.573	0.111	0	Myeloid ce NCF4
173	ACSL1	0	1.270421	0.326	0.016	0	Myeloid ce ACSL1
174	C1orf162	0	1.265445	0.793	0.314	0	Myeloid ce C1orf162
175	FOLR3	0	1.262283	0.275	0.001	0	Myeloid ce FOLR3
176	TNFAIP2	0	1.255606	0.419	0.001	0	Myeloid ce TNFAIP2
177	H3F3A	0	1.253832	0.994	0.945	0	Myeloid ce H3F3A
178	AHNAK	0	1.237035	0.652	0.208	0	Myeloid ce AHNAK
179	PROK2	0	1.235147	0.131	0.005	0	Myeloid ce PROK2
180	CYSTM1	0	1.232223	0.352	0.035	0	Myeloid ce CYSTM1
181	PYGL	0	1.218035	0.4	0.004	0	Myeloid ce PYGL
182	HSBP1	0	1.217003	0.718	0.225	0	Myeloid ce HSBP1
183	GLIPR2	0	1.206603	0.63	0.143	0	Myeloid ce GLIPR2
184	FCGR1A	0	1.191743	0.412	0.001	0	Myeloid ce FCGR1A
185	SLC31A2	0	1.186857	0.43	0.011	0	Myeloid ce SLC31A2
186	LYST	0	1.181149	0.578	0.114	0	Myeloid ce LYST
187	PLEK	0	1.177668	0.662	0.182	0	Myeloid ce PLEK

188 BLVRA	0	1.176042	0.509	0.054	0 Myeloid ce BLVRA
189 PLSCR1	0	1.175447	0.562	0.117	0 Myeloid ce PLSCR1
190 ATP6V0D1	0	1.173816	0.748	0.266	0 Myeloid ce ATP6V0D1
191 RHOB	0	1.170592	0.343	0.038	0 Myeloid ce RHOB
192 LILRA1	0	1.16878	0.41	0.002	0 Myeloid ce LILRA1
193 LYN	0	1.167612	0.655	0.184	0 Myeloid ce LYN
194 SMCO4	0	1.167221	0.477	0.025	0 Myeloid ce SMCO4
195 ATP6V0C	0	1.166621	0.848	0.54	0 Myeloid ce ATP6V0C
196 ZEB2	0	1.166156	0.575	0.096	0 Myeloid ce ZEB2
197 ARRB2	0	1.166108	0.795	0.362	0 Myeloid ce ARRB2
198 EGR1	0	1.163326	0.239	0.003	0 Myeloid ce EGR1
199 CUX1	0	1.160135	0.461	0.1	0 Myeloid ce CUX1
200 VAMP5	0	1.156253	0.613	0.258	0 Myeloid ce VAMP5
201 VNN2	0	1.154773	0.326	0.064	0 Myeloid ce VNN2
202 SDCBP	0	1.150631	0.726	0.3	0 Myeloid ce SDCBP
203 CKLF	0	1.142167	0.644	0.201	0 Myeloid ce CKLF
204 TNFSF10	0	1.1408	0.577	0.193	0 Myeloid ce TNFSF10
205 RNF149	0	1.137805	0.657	0.265	0 Myeloid ce RNF149
206 LGALS9	0	1.130817	0.539	0.094	0 Myeloid ce LGALS9
207 LCP1	0	1.127873	0.915	0.543	0 Myeloid ce LCP1
208 ALDH2	0	1.127224	0.413	0.011	0 Myeloid ce ALDH2
209 CTSZ	0	1.126495	0.492	0.058	0 Myeloid ce CTSZ
210 C20orf27	0	1.122551	0.591	0.166	0 Myeloid ce C20orf27
211 VMP1	0	1.120975	0.579	0.147	0 Myeloid ce VMP1
212 BST1	0	1.118352	0.383	0.001	0 Myeloid ce BST1
213 FKBP1A	0	1.112917	0.872	0.547	0 Myeloid ce FKBP1A
214 LTA4H	0	1.11232	0.683	0.307	0 Myeloid ce LTA4H
215 AL034397.	0	1.110809	0.413	0.038	0 Myeloid ce AL034397.3
216 BLOC1S1	0	1.105685	0.81	0.375	0 Myeloid ce BLOC1S1
217 SLC16A3	0	1.104039	0.513	0.063	0 Myeloid ce SLC16A3
218 KLF6	0	1.102928	0.693	0.272	0 Myeloid ce KLF6
219 CMTM2	0	1.100079	0.106	0.001	0 Myeloid ce CMTM2
220 SAMHD1	0	1.098118	0.773	0.371	0 Myeloid ce SAMHD1
221 COX8A	0	1.09794	0.902	0.577	0 Myeloid ce COX8A
222 GLRX	0	1.091366	0.745	0.312	0 Myeloid ce GLRX
223 CYP1B1	0	1.088214	0.267	0.001	0 Myeloid ce CYP1B1
224 ARPC1B	0	1.087219	0.856	0.43	0 Myeloid ce ARPC1B
225 LAMTOR4	0	1.077392	0.912	0.566	0 Myeloid ce LAMTOR4
226 GPBAR1	0	1.07657	0.33	0.001	0 Myeloid ce GPBAR1
227 GSTO1	0	1.06364	0.69	0.24	0 Myeloid ce GSTO1
228 LY96	0	1.057316	0.475	0.065	0 Myeloid ce LY96
229 NFKBIA	0	1.056409	0.595	0.294	0 Myeloid ce NFKBIA
230 SULT1A1	0	1.056308	0.408	0.036	0 Myeloid ce SULT1A1
231 ANPEP	0	1.054928	0.334	0.001	0 Myeloid ce ANPEP
232 RAB24	0	1.040186	0.637	0.224	0 Myeloid ce RAB24
233 CDC42EP3	0	1.035526	0.505	0.139	0 Myeloid ce CDC42EP3
234 ITGAM	0	1.034954	0.388	0.045	0 Myeloid ce ITGAM

235	CYBA	0	1.034777	0.962	0.702	0	Myeloid ce CYBA
236	OSCAR	0	1.032965	0.382	0.001	0	Myeloid ce OSCAR
237	IFNGR2	0	1.028956	0.715	0.278	0	Myeloid ce IFNGR2
238	STX11	0	1.028777	0.416	0.031	0	Myeloid ce STX11
239	MS4A4A	0	1.026797	0.325	0.001	0	Myeloid ce MS4A4A
240	TESC	0	1.026441	0.436	0.049	0	Myeloid ce TESC
241	GRK2	0	1.020085	0.56	0.135	0	Myeloid ce GRK2
242	DYSF	0	1.016102	0.278	0.004	0	Myeloid ce DYSF
243	KCTD12	0	1.004011	0.357	0.004	0	Myeloid ce KCTD12
244	CD300E	0	1.003057	0.353	0.001	0	Myeloid ce CD300E
245	ZNF385A	0	1.001836	0.41	0.016	0	Myeloid ce ZNF385A
246	CEBPB	0	1.001296	0.421	0.077	0	Myeloid ce CEBPB
247	IL17RA	0	1.000916	0.483	0.106	0	Myeloid ce IL17RA
248	TNFSF13	0	1.000555	0.412	0.016	0	Myeloid ce TNFSF13
249	LRRK2	0	0.999891	0.372	0.026	0	Myeloid ce LRRK2
250	ATP6V1B2	0	0.998877	0.533	0.116	0	Myeloid ce ATP6V1B2
251	RNASE2	0	0.998035	0.265	0.001	0	Myeloid ce RNASE2
252	RAB5IF	0	0.994619	0.678	0.242	0	Myeloid ce RAB5IF
253	MGST1	0	0.991275	0.319	0.002	0	Myeloid ce MGST1
254	DMXL2	0	0.99123	0.354	0.004	0	Myeloid ce DMXL2
255	PGLS	0	0.989779	0.797	0.417	0	Myeloid ce PGLS
256	CDKN1C	0	0.985196	0.204	0.002	0	Myeloid ce CDKN1C
257	IRAK3	0	0.981291	0.363	0.004	0	Myeloid ce IRAK3
258	RNH1	0	0.978689	0.687	0.338	0	Myeloid ce RNH1
259	CLEC4A	0	0.977334	0.383	0.014	0	Myeloid ce CLEC4A
260	MCL1	0	0.976918	0.68	0.312	0	Myeloid ce MCL1
261	ADGRE5	0	0.976016	0.599	0.232	0	Myeloid ce ADGRE5
262	PLP2	0	0.972156	0.691	0.332	0	Myeloid ce PLP2
263	MXD1	0	0.970971	0.324	0.029	0	Myeloid ce MXD1
264	CAST	0	0.961751	0.719	0.311	0	Myeloid ce CAST
265	TLN1	0	0.959809	0.617	0.194	0	Myeloid ce TLN1
266	CLIC1	0	0.959406	0.956	0.665	0	Myeloid ce CLIC1
267	DOK3	0	0.953316	0.414	0.04	0	Myeloid ce DOK3
268	GLIPR1	0	0.952648	0.598	0.184	0	Myeloid ce GLIPR1
269	PAK1	0	0.952114	0.452	0.073	0	Myeloid ce PAK1
270	DYNLT1	0	0.950675	0.661	0.242	0	Myeloid ce DYNLT1
271	FLNA	0	0.949994	0.728	0.305	0	Myeloid ce FLNA
272	RTN3	0	0.947339	0.522	0.138	0	Myeloid ce RTN3
273	LILRA6	0	0.946857	0.356	0.001	0	Myeloid ce LILRA6
274	NOP10	0	0.945692	0.844	0.499	0	Myeloid ce NOP10
275	EFHD2	0	0.943742	0.521	0.104	0	Myeloid ce EFHD2
276	CD300C	0	0.943134	0.372	0.005	0	Myeloid ce CD300C
277	LAMTOR1	0	0.941104	0.757	0.407	0	Myeloid ce LAMTOR1
278	NUDT16	0	0.939826	0.444	0.051	0	Myeloid ce NUDT16
279	CD302	0	0.939779	0.365	0.003	0	Myeloid ce CD302
280	NADK	0	0.93475	0.475	0.084	0	Myeloid ce NADK
281	CTSL	0	0.934446	0.254	0.022	0	Myeloid ce CTSL

282 ELOB	0	0.934211	0.939	0.727	0 Myeloid ce ELOB
283 ATG3	0	0.933007	0.622	0.245	0 Myeloid ce ATG3
284 PLXDC2	0	0.929637	0.346	0.003	0 Myeloid ce PLXDC2
285 PTAFR	0	0.92808	0.314	0.004	0 Myeloid ce PTAFR
286 ARPC5	0	0.927393	0.884	0.591	0 Myeloid ce ARPC5
287 FBP1	0	0.924792	0.348	0.032	0 Myeloid ce FBP1
288 AQP9	0	0.922272	0.261	0.001	0 Myeloid ce AQP9
289 CNPY3	0	0.922047	0.782	0.408	0 Myeloid ce CNPY3
290 ALOX5	0	0.918108	0.55	0.13	0 Myeloid ce ALOX5
291 CTSH	0	0.918024	0.522	0.11	0 Myeloid ce CTSH
292 LILRB4	0	0.917318	0.361	0.012	0 Myeloid ce LILRB4
293 RAB11FIP1	0	0.916066	0.409	0.059	0 Myeloid ce RAB11FIP1
294 ZNF106	0	0.913388	0.515	0.13	0 Myeloid ce ZNF106
295 PRKCD	0	0.911116	0.471	0.082	0 Myeloid ce PRKCD
296 UBE2D1	0	0.906945	0.541	0.15	0 Myeloid ce UBE2D1
297 HSPA6	0	0.906703	0.3	0.006	0 Myeloid ce HSPA6
298 WSB1	0	0.902767	0.659	0.289	0 Myeloid ce WSB1
299 TMEM167A	0	0.902388	0.543	0.155	0 Myeloid ce TMEM167A
300 OAS1	0	0.901202	0.442	0.123	0 Myeloid ce OAS1
301 ATOX1	0	0.899797	0.592	0.193	0 Myeloid ce ATOX1
302 ARAP1	0	0.899028	0.439	0.075	0 Myeloid ce ARAP1
303 RNASET2	0	0.899024	0.842	0.571	0 Myeloid ce RNASET2
304 VASP	0	0.897444	0.552	0.182	0 Myeloid ce VASP
305 ANXA3	0	0.896502	0.118	0.004	0 Myeloid ce ANXA3
306 ADGRE2	0	0.895588	0.326	0.001	0 Myeloid ce ADGRE2
307 FES	0	0.894877	0.404	0.041	0 Myeloid ce FES
308 GAS7	0	0.894871	0.314	0.011	0 Myeloid ce GAS7
309 RAB32	0	0.88862	0.345	0.004	0 Myeloid ce RAB32
310 RAB10	0	0.888023	0.58	0.193	0 Myeloid ce RAB10
311 PLXNB2	0	0.885961	0.347	0.004	0 Myeloid ce PLXNB2
312 FCGR3B	0	0.885006	0.172	0.004	0 Myeloid ce FCGR3B
313 PKM	0	0.884422	0.832	0.586	0 Myeloid ce PKM
314 ITGAX	0	0.884349	0.339	0.02	0 Myeloid ce ITGAX
315 RILPL2	0	0.883638	0.529	0.135	0 Myeloid ce RILPL2
316 ZFAND5	0	0.88307	0.487	0.143	0 Myeloid ce ZFAND5
317 CD93	0	0.8812	0.294	0.003	0 Myeloid ce CD93
318 GRB2	0	0.880291	0.762	0.366	0 Myeloid ce GRB2
319 AC005392.2	0	0.878933	0.112	0.001	0 Myeloid ce AC005392.2
320 STAB1	0	0.877953	0.262	0.001	0 Myeloid ce STAB1
321 CREB5	0	0.877775	0.259	0.001	0 Myeloid ce CREB5
322 NAGK	0	0.876404	0.494	0.117	0 Myeloid ce NAGK
323 TGFBI	0	0.874906	0.321	0.001	0 Myeloid ce TGFBI
324 CXCL16	0	0.873877	0.316	0.014	0 Myeloid ce CXCL16
325 LRRFIP1	0	0.873632	0.777	0.415	0 Myeloid ce LRRFIP1
326 P2RY13	0	0.873008	0.304	0.001	0 Myeloid ce P2RY13
327 FAM45A	0	0.868663	0.43	0.083	0 Myeloid ce FAM45A
328 CAPNS1	0	0.866922	0.414	0.071	0 Myeloid ce CAPNS1

329	ODF3B	0	0.865788	0.36	0.032	0	Myeloid ce ODF3B
330	H2AFJ	0	0.865274	0.538	0.177	0	Myeloid ce H2AFJ
331	RXRA	0	0.863966	0.34	0.007	0	Myeloid ce RXRA
332	PADI4	0	0.860556	0.261	0.032	0	Myeloid ce PADI4
333	EIF4EBP1	0	0.859874	0.434	0.083	0	Myeloid ce EIF4EBP1
334	STX10	0	0.859203	0.602	0.219	0	Myeloid ce STX10
335	SNX10	0	0.855952	0.501	0.112	0	Myeloid ce SNX10
336	GNB2	0	0.853645	0.741	0.366	0	Myeloid ce GNB2
337	CTSA	0	0.851179	0.524	0.163	0	Myeloid ce CTSA
338	PPP1R15A	0	0.84962	0.398	0.1	0	Myeloid ce PPP1R15A
339	IL1R2	0	0.846973	0.108	0.001	0	Myeloid ce IL1R2
340	ARPC3	0	0.845991	0.976	0.898	0	Myeloid ce ARPC3
341	EMP3	0	0.845722	0.917	0.773	0	Myeloid ce EMP3
342	ACTB	0	0.845089	1	0.999	0	Myeloid ce ACTB
343	PARVG	0	0.843247	0.678	0.287	0	Myeloid ce PARVG
344	GNS	0	0.842529	0.37	0.04	0	Myeloid ce GNS
345	SERF2	0	0.840374	0.995	0.986	0	Myeloid ce SERF2
346	LTBR	0	0.839717	0.346	0.003	0	Myeloid ce LTBR
347	CCR1	0	0.837671	0.283	0.005	0	Myeloid ce CCR1
348	UBXN11	0	0.837389	0.444	0.094	0	Myeloid ce UBXN11
349	CD33	0	0.83723	0.335	0.001	0	Myeloid ce CD33
350	ATG16L2	0	0.836048	0.46	0.117	0	Myeloid ce ATG16L2
351	H2AFY	0	0.833643	0.653	0.284	0	Myeloid ce H2AFY
352	CMTM6	0	0.833452	0.639	0.286	0	Myeloid ce CMTM6
353	LAMTOR2	0	0.82887	0.635	0.257	0	Myeloid ce LAMTOR2
354	PGAM1	0	0.826431	0.761	0.464	0	Myeloid ce PGAM1
355	GYG1	0	0.825409	0.454	0.13	0	Myeloid ce GYG1
356	TXNDC17	0	0.824434	0.585	0.19	0	Myeloid ce TXNDC17
357	PLAC8	0	0.821555	0.728	0.485	0	Myeloid ce PLAC8
358	IQGAP1	0	0.820315	0.638	0.255	0	Myeloid ce IQGAP1
359	ADM	0	0.820173	0.151	0.001	0	Myeloid ce ADM
360	SLC2A6	0	0.816076	0.324	0.053	0	Myeloid ce SLC2A6
361	CREG1	0	0.815875	0.374	0.04	0	Myeloid ce CREG1
362	CD55	0	0.813826	0.675	0.385	0	Myeloid ce CD55
363	HSPA1A	0	0.813394	0.419	0.125	0	Myeloid ce HSPA1A
364	VAMP8	0	0.810281	0.793	0.556	0	Myeloid ce VAMP8
365	CRTAP	0	0.809647	0.441	0.128	0	Myeloid ce CRTAP
366	ASGR2	0	0.808297	0.232	0.001	0	Myeloid ce ASGR2
367	RGS19	0	0.805122	0.718	0.369	0	Myeloid ce RGS19
368	ATP5MPL	0	0.8034	0.83	0.498	0	Myeloid ce ATP5MPL
369	CALHM6	0	0.8033	0.52	0.187	0	Myeloid ce CALHM6
370	METTL9	0	0.801784	0.58	0.289	0	Myeloid ce METTL9
371	FPR2	0	0.800622	0.267	0	0	Myeloid ce FPR2
372	HP	0	0.797974	0.173	0.001	0	Myeloid ce HP
373	KIAA0930	0	0.796146	0.318	0.017	0	Myeloid ce KIAA0930
374	MYD88	0	0.795722	0.49	0.156	0	Myeloid ce MYD88
375	NAAA	0	0.793264	0.447	0.157	0	Myeloid ce NAAA

376 RARA	0	0.792609	0.382	0.067	0 Myeloid ce RARA
377 MYADM	0	0.791853	0.45	0.133	0 Myeloid ce MYADM
378 TPI1	0	0.791325	0.845	0.592	0 Myeloid ce TPI1
379 FBXL5	0	0.791116	0.554	0.208	0 Myeloid ce FBXL5
380 RASSF4	0	0.787768	0.32	0.014	0 Myeloid ce RASSF4
381 TIMP2	0	0.78575	0.284	0.006	0 Myeloid ce TIMP2
382 SKAP2	0	0.78057	0.455	0.102	0 Myeloid ce SKAP2
383 TPM3	0	0.780564	0.921	0.704	0 Myeloid ce TPM3
384 MAPKAPK3	0	0.779169	0.474	0.135	0 Myeloid ce MAPKAPK3
385 COX5B	0	0.776838	0.918	0.737	0 Myeloid ce COX5B
386 BACH1	0	0.774651	0.365	0.06	0 Myeloid ce BACH1
387 PPT1	0	0.774278	0.534	0.199	0 Myeloid ce PPT1
388 CD86	0	0.774193	0.324	0.023	0 Myeloid ce CD86
389 TREM1	0	0.772508	0.254	0.002	0 Myeloid ce TREM1
390 SLC8A1	0	0.771783	0.288	0.001	0 Myeloid ce SLC8A1
391 COMT	0	0.76955	0.526	0.195	0 Myeloid ce COMT
392 NFAM1	0	0.764156	0.285	0.001	0 Myeloid ce NFAM1
393 ADA2	0	0.756246	0.416	0.102	0 Myeloid ce ADA2
394 PSMB3	0	0.756107	0.8	0.472	0 Myeloid ce PSMB3
395 SCPEP1	0	0.755189	0.445	0.105	0 Myeloid ce SCPEP1
396 MEGF9	0	0.754814	0.262	0.012	0 Myeloid ce MEGF9
397 SH3BP2	0	0.754661	0.409	0.08	0 Myeloid ce SH3BP2
398 EVI2B	0	0.752538	0.43	0.108	0 Myeloid ce EVI2B
399 JPT1	0	0.750699	0.608	0.271	0 Myeloid ce JPT1
400 RASSF2	0	0.747502	0.366	0.067	0 Myeloid ce RASSF2
401 KLF4	0	0.74614	0.269	0.001	0 Myeloid ce KLF4
402 MPP1	0	0.744898	0.397	0.059	0 Myeloid ce MPP1
403 RHOA	0	0.740222	0.948	0.864	0 Myeloid ce RHOA
404 QPCT	0	0.739842	0.233	0.004	0 Myeloid ce QPCT
405 CR1	0	0.737655	0.24	0.044	0 Myeloid ce CR1
406 HACD4	0	0.733317	0.544	0.194	0 Myeloid ce HACD4
407 MTPN	0	0.732105	0.668	0.314	0 Myeloid ce MTPN
408 RASGRP4	0	0.7321	0.281	0.002	0 Myeloid ce RASGRP4
409 SIGLEC9	0	0.730124	0.285	0.003	0 Myeloid ce SIGLEC9
410 CD44	0	0.730017	0.719	0.403	0 Myeloid ce CD44
411 PLEC	0	0.729742	0.396	0.106	0 Myeloid ce PLEC
412 CAMK1	0	0.725877	0.269	0.007	0 Myeloid ce CAMK1
413 TLR4	0	0.724812	0.26	0.002	0 Myeloid ce TLR4
414 HOTAIRM1	0	0.722332	0.34	0.046	0 Myeloid ce HOTAIRM1
415 TNFRSF1A	0	0.721083	0.489	0.147	0 Myeloid ce TNFRSF1A
416 ENY2	0	0.720079	0.612	0.275	0 Myeloid ce ENY2
417 GSN	0	0.717983	0.313	0.041	0 Myeloid ce GSN
418 GNG10	0	0.717352	0.427	0.13	0 Myeloid ce GNG10
419 ATP5F1E	0	0.71586	0.997	0.969	0 Myeloid ce ATP5F1E
420 WASF2	0	0.713593	0.695	0.365	0 Myeloid ce WASF2
421 HNMT	0	0.710955	0.273	0	0 Myeloid ce HNMT
422 NOTCH2	0	0.707419	0.339	0.055	0 Myeloid ce NOTCH2

423 FMNL1	0	0.70646	0.463	0.153	0 Myeloid ce FMNL1
424 LINC01001	0	0.704987	0.217	0.009	0 Myeloid ce LINC01001
425 ROGDI	0	0.704758	0.317	0.038	0 Myeloid ce ROGDI
426 TGFB1	0	0.702868	0.589	0.248	0 Myeloid ce TGFB1
427 CFL1	0	0.702193	0.995	0.948	0 Myeloid ce CFL1
428 TLR2	0	0.701967	0.266	0.003	0 Myeloid ce TLR2
429 CCPG1	0	0.701073	0.36	0.098	0 Myeloid ce CCPG1
430 CNIH4	0	0.700657	0.442	0.153	0 Myeloid ce CNIH4
431 CD151	0	0.697638	0.37	0.072	0 Myeloid ce CD151
432 RBM47	0	0.697621	0.258	0.009	0 Myeloid ce RBM47
433 C9orf72	0	0.696062	0.309	0.035	0 Myeloid ce C9orf72
434 RGS18	0	0.695787	0.28	0.007	0 Myeloid ce RGS18
435 NFKBIZ	0	0.692762	0.372	0.112	0 Myeloid ce NFKBIZ
436 RBPJ	0	0.690915	0.399	0.109	0 Myeloid ce RBPJ
437 CFLAR	0	0.690022	0.542	0.23	0 Myeloid ce CFLAR
438 CD300LF	0	0.687012	0.263	0.001	0 Myeloid ce CD300LF
439 H3F3B	0	0.686341	0.987	0.946	0 Myeloid ce H3F3B
440 CD300A	0	0.685316	0.436	0.11	0 Myeloid ce CD300A
441 ACTR2	0	0.684614	0.665	0.329	0 Myeloid ce ACTR2
442 SEC14L1	0	0.681338	0.409	0.125	0 Myeloid ce SEC14L1
443 NAPRT	0	0.680553	0.374	0.078	0 Myeloid ce NAPRT
444 ACAP2	0	0.676226	0.674	0.35	0 Myeloid ce ACAP2
445 IMPDH1	0	0.675977	0.442	0.138	0 Myeloid ce IMPDH1
446 NQO2	0	0.673097	0.313	0.056	0 Myeloid ce NQO2
447 MXD3	0	0.672839	0.233	0.012	0 Myeloid ce MXD3
448 CKAP4	0	0.671359	0.25	0.04	0 Myeloid ce CKAP4
449 AGPAT2	0	0.671022	0.344	0.058	0 Myeloid ce AGPAT2
450 BCL6	0	0.670384	0.22	0.017	0 Myeloid ce BCL6
451 CCDC88A	0	0.667894	0.277	0.029	0 Myeloid ce CCDC88A
452 MBOAT7	0	0.667746	0.271	0.032	0 Myeloid ce MBOAT7
453 DOK2	0	0.666954	0.497	0.187	0 Myeloid ce DOK2
454 BASP1	0	0.665775	0.183	0.038	0 Myeloid ce BASP1
455 NPL	0	0.663354	0.273	0.012	0 Myeloid ce NPL
456 AL445524.	0	0.661192	0.243	0.02	0 Myeloid ce AL445524.1
457 SERP1	0	0.660541	0.922	0.757	0 Myeloid ce SERP1
458 SIRPA	0	0.660103	0.224	0.001	0 Myeloid ce SIRPA
459 CD48	0	0.657901	0.672	0.383	0 Myeloid ce CD48
460 CDKN1A	0	0.657701	0.198	0.027	0 Myeloid ce CDKN1A
461 EMILIN2	0	0.657556	0.247	0.01	0 Myeloid ce EMILIN2
462 LPCAT2	0	0.652747	0.239	0.001	0 Myeloid ce LPCAT2
463 IER3	0	0.651959	0.226	0.035	0 Myeloid ce IER3
464 POU2F2	0	0.650843	0.511	0.201	0 Myeloid ce POU2F2
465 PLCB2	0	0.64965	0.329	0.061	0 Myeloid ce PLCB2
466 ETS2	0	0.648913	0.26	0.035	0 Myeloid ce ETS2
467 FAM129A	0	0.648265	0.21	0.034	0 Myeloid ce FAM129A
468 CHMP2A	0	0.647731	0.544	0.222	0 Myeloid ce CHMP2A
469 CLTA	0	0.647719	0.691	0.392	0 Myeloid ce CLTA

470 MIDN	0	0.647702	0.312	0.05	0 Myeloid ce MIDN
471 CD1D	0	0.647366	0.301	0.037	0 Myeloid ce CD1D
472 CAPZA2	0	0.644972	0.616	0.314	0 Myeloid ce CAPZA2
473 BST2	0	0.644376	0.701	0.406	0 Myeloid ce BST2
474 CARS2	0	0.643866	0.297	0.054	0 Myeloid ce CARS2
475 UPP1	0	0.643575	0.466	0.168	0 Myeloid ce UPP1
476 TPP1	0	0.643251	0.448	0.139	0 Myeloid ce TPP1
477 PRR13	0	0.642137	0.865	0.631	0 Myeloid ce PRR13
478 RNF24	0	0.64192	0.246	0.03	0 Myeloid ce RNF24
479 UBE2R2	0	0.638818	0.324	0.058	0 Myeloid ce UBE2R2
480 TPPP3	0	0.63772	0.205	0	0 Myeloid ce TPPP3
481 SEC11A	0	0.637442	0.69	0.399	0 Myeloid ce SEC11A
482 TCF7L2	0	0.632345	0.217	0.005	0 Myeloid ce TCF7L2
483 SCIMP	0	0.631872	0.358	0.068	0 Myeloid ce SCIMP
484 COX6B1	0	0.631347	0.944	0.797	0 Myeloid ce COX6B1
485 ADAP2	0	0.631286	0.263	0.006	0 Myeloid ce ADAP2
486 MARCKS	0	0.630937	0.219	0.022	0 Myeloid ce MARCKS
487 RHOC	0	0.629393	0.288	0.085	0 Myeloid ce RHOC
488 POMP	0	0.628647	0.732	0.43	0 Myeloid ce POMP
489 TMEM205	0	0.628306	0.411	0.131	0 Myeloid ce TMEM205
490 LAP3	0	0.627585	0.399	0.155	0 Myeloid ce LAP3
491 C3AR1	0	0.627581	0.23	0.008	0 Myeloid ce C3AR1
492 JOSD2	0	0.62681	0.407	0.122	0 Myeloid ce JOSD2
493 KCNE3	0	0.625619	0.231	0.001	0 Myeloid ce KCNE3
494 PTTG1IP	0	0.625474	0.404	0.113	0 Myeloid ce PTTG1IP
495 PLIN3	0	0.624159	0.388	0.101	0 Myeloid ce PLIN3
496 APOBR	0	0.62196	0.227	0.017	0 Myeloid ce APOBR
497 AGTPBP1	0	0.619207	0.3	0.091	0 Myeloid ce AGTPBP1
498 PIK3AP1	0	0.617804	0.338	0.064	0 Myeloid ce PIK3AP1
499 REEP5	0	0.616508	0.619	0.291	0 Myeloid ce REEP5
500 FCGR1B	0	0.615763	0.22	0	0 Myeloid ce FCGR1B
501 SLC43A2	0	0.615444	0.271	0.022	0 Myeloid ce SLC43A2
502 CTNNA1	0	0.615012	0.3	0.029	0 Myeloid ce CTNNA1
503 ARPC4	0	0.613532	0.365	0.103	0 Myeloid ce ARPC4
504 RALB	0	0.611371	0.323	0.067	0 Myeloid ce RALB
505 ARPC2	0	0.610353	0.954	0.848	0 Myeloid ce ARPC2
506 PICALM	0	0.610132	0.289	0.049	0 Myeloid ce PICALM
507 TMEM219	0	0.609826	0.65	0.365	0 Myeloid ce TMEM219
508 SHKBP1	0	0.60948	0.622	0.319	0 Myeloid ce SHKBP1
509 MYO1G	0	0.60867	0.535	0.236	0 Myeloid ce MYO1G
510 MSN	0	0.608419	0.741	0.448	0 Myeloid ce MSN
511 NR4A1	0	0.608255	0.179	0.006	0 Myeloid ce NR4A1
512 ABI3	0	0.608127	0.365	0.15	0 Myeloid ce ABI3
513 NUMB	0	0.607133	0.371	0.108	0 Myeloid ce NUMB
514 PDLIM7	0	0.606541	0.237	0.025	0 Myeloid ce PDLIM7
515 FERMT3	0	0.603705	0.643	0.338	0 Myeloid ce FERMT3
516 ARF5	0	0.60282	0.781	0.512	0 Myeloid ce ARF5

517 RNF181	0	0.600931	0.633	0.318	0 Myeloid ce RNF181
518 UBR4	0	0.600148	0.323	0.086	0 Myeloid ce UBR4
519 MFSD1	0	0.596825	0.447	0.157	0 Myeloid ce MFSD1
520 IL1B	0	0.596697	0.115	0.001	0 Myeloid ce IL1B
521 LTB4R	0	0.596309	0.195	0.008	0 Myeloid ce LTB4R
522 MGST2	0	0.595912	0.261	0.027	0 Myeloid ce MGST2
523 NAPSA	0	0.59286	0.408	0.139	0 Myeloid ce NAPSA
524 GPCPD1	0	0.591754	0.376	0.126	0 Myeloid ce GPCPD1
525 SAT2	0	0.590432	0.511	0.238	0 Myeloid ce SAT2
526 IL1RN	0	0.589893	0.178	0	0 Myeloid ce IL1RN
527 TOM1	0	0.589249	0.327	0.084	0 Myeloid ce TOM1
528 GK	0	0.588938	0.211	0.028	0 Myeloid ce GK
529 CLEC4E	0	0.588421	0.166	0	0 Myeloid ce CLEC4E
530 SERPINB6	0	0.587123	0.382	0.095	0 Myeloid ce SERPINB6
531 PLEKHO1	0	0.585292	0.32	0.076	0 Myeloid ce PLEKHO1
532 CHP1	0	0.584572	0.266	0.036	0 Myeloid ce CHP1
533 HIGD2A	0	0.583507	0.824	0.649	0 Myeloid ce HIGD2A
534 S100P	0	0.582801	0.112	0.002	0 Myeloid ce S100P
535 LY86	0	0.58243	0.416	0.129	0 Myeloid ce LY86
536 NAA38	0	0.581439	0.65	0.364	0 Myeloid ce NAA38
537 FAM110A	0	0.580913	0.345	0.117	0 Myeloid ce FAM110A
538 IFNGR1	0	0.580895	0.479	0.188	0 Myeloid ce IFNGR1
539 CSF2RB	0	0.58019	0.2	0.009	0 Myeloid ce CSF2RB
540 UQCR11	0	0.579721	0.916	0.726	0 Myeloid ce UQCR11
541 VSTM1	0	0.579393	0.195	0	0 Myeloid ce VSTM1
542 VPS29	0	0.574713	0.602	0.312	0 Myeloid ce VPS29
543 ABHD5	0	0.573312	0.251	0.045	0 Myeloid ce ABHD5
544 CEACAM4	0	0.572762	0.205	0.002	0 Myeloid ce CEACAM4
545 SRA1	0	0.572084	0.476	0.19	0 Myeloid ce SRA1
546 RAB3D	0	0.571847	0.219	0.01	0 Myeloid ce RAB3D
547 PRDX5	0	0.571715	0.78	0.508	0 Myeloid ce PRDX5
548 FAM49A	0	0.571278	0.284	0.04	0 Myeloid ce FAM49A
549 MTMR11	0	0.571224	0.216	0.001	0 Myeloid ce MTMR11
550 QSOX1	0	0.570998	0.264	0.053	0 Myeloid ce QSOX1
551 ANKRD13C	0	0.570559	0.29	0.065	0 Myeloid ce ANKRD13D
552 Mar-01	0	0.569933	0.171	0.001	0 Myeloid ce Mar-01
553 SLC24A4	0	0.569607	0.208	0.001	0 Myeloid ce SLC24A4
554 UBL5	0	0.5694	0.914	0.715	0 Myeloid ce UBL5
555 NAGA	0	0.569386	0.261	0.024	0 Myeloid ce NAGA
556 IRF5	0	0.568074	0.311	0.055	0 Myeloid ce IRF5
557 SYK	0	0.563565	0.466	0.145	0 Myeloid ce SYK
558 MOB1A	0	0.562469	0.596	0.289	0 Myeloid ce MOB1A
559 PRKAR1A	0	0.561325	0.569	0.286	0 Myeloid ce PRKAR1A
560 CARD9	0	0.560426	0.229	0.002	0 Myeloid ce CARD9
561 ARRB1	0	0.559796	0.262	0.024	0 Myeloid ce ARRB1
562 NCOA4	0	0.558094	0.5	0.232	0 Myeloid ce NCOA4
563 C15orf39	0	0.55542	0.267	0.047	0 Myeloid ce C15orf39

564	CHST15	0	0.553668	0.225	0.015	0	Myeloid ce CHST15
565	ATP6V0E1	0	0.553137	0.856	0.67	0	Myeloid ce ATP6V0E1
566	TMEM91	0	0.553133	0.218	0.028	0	Myeloid ce TMEM91
567	MAPK14	0	0.552955	0.222	0.041	0	Myeloid ce MAPK14
568	NRGN	0	0.551547	0.188	0.007	0	Myeloid ce NRGN
569	RAB27A	0	0.551127	0.324	0.103	0	Myeloid ce RAB27A
570	TSEN34	0	0.550311	0.385	0.136	0	Myeloid ce TSEN34
571	APAF1	0	0.549321	0.24	0.033	0	Myeloid ce APAF1
572	NLRP12	0	0.549089	0.185	0	0	Myeloid ce NLRP12
573	MAP3K11	0	0.547748	0.327	0.086	0	Myeloid ce MAP3K11
574	IFI27L2	0	0.547679	0.466	0.188	0	Myeloid ce IFI27L2
575	SH3GLB1	0	0.546851	0.466	0.209	0	Myeloid ce SH3GLB1
576	CDH23	0	0.546816	0.201	0.006	0	Myeloid ce CDH23
577	AC020656.	0	0.546536	0.169	0.001	0	Myeloid ce AC020656.1
578	CARD19	0	0.546483	0.301	0.065	0	Myeloid ce CARD19
579	SPG21	0	0.544915	0.545	0.257	0	Myeloid ce SPG21
580	PTPN18	0	0.542742	0.339	0.092	0	Myeloid ce PTPN18
581	NABP1	0	0.542263	0.177	0.04	0	Myeloid ce NABP1
582	PNPLA6	0	0.541971	0.276	0.052	0	Myeloid ce PNPLA6
583	RELT	0	0.540726	0.261	0.035	0	Myeloid ce RELT
584	PSTPIP2	0	0.540225	0.206	0.017	0	Myeloid ce PSTPIP2
585	GNB1	0	0.538936	0.325	0.093	0	Myeloid ce GNB1
586	MAP2K3	0	0.537854	0.461	0.19	0	Myeloid ce MAP2K3
587	NBPF14	0	0.537544	0.287	0.071	0	Myeloid ce NBPF14
588	JUND	0	0.53694	0.27	0.069	0	Myeloid ce JUND
589	EHBP1L1	0	0.536494	0.214	0.026	0	Myeloid ce EHBP1L1
590	LINC00937	0	0.535545	0.156	0.005	0	Myeloid ce LINC00937
591	RRBP1	0	0.534809	0.29	0.061	0	Myeloid ce RRBP1
592	SIGLEC10	0	0.534742	0.244	0.043	0	Myeloid ce SIGLEC10
593	FAM198B	0	0.533989	0.183	0.001	0	Myeloid ce FAM198B
594	IL6R	0	0.533617	0.26	0.065	0	Myeloid ce IL6R
595	FKBP15	0	0.532305	0.279	0.05	0	Myeloid ce FKBP15
596	PHC2	0	0.531098	0.186	0.012	0	Myeloid ce PHC2
597	AOAH	0	0.530807	0.375	0.098	0	Myeloid ce AOAH
598	SUPT4H1	0	0.530457	0.585	0.302	0	Myeloid ce SUPT4H1
599	UQCRC1	0	0.527982	0.57	0.296	0	Myeloid ce UQCRC1
600	CES1	0	0.527934	0.162	0.009	0	Myeloid ce CES1
601	MYOF	0	0.527781	0.201	0	0	Myeloid ce MYOF
602	PSTPIP1	0	0.525919	0.41	0.175	0	Myeloid ce PSTPIP1
603	RNASEK	0	0.525481	0.37	0.113	0	Myeloid ce RNASEK
604	P2RX1	0	0.525057	0.228	0.021	0	Myeloid ce P2RX1
605	RENBP	0	0.524558	0.272	0.049	0	Myeloid ce RENBP
606	RTN4	0	0.52169	0.54	0.261	0	Myeloid ce RTN4
607	GPAT3	0	0.51995	0.183	0.003	0	Myeloid ce GPAT3
608	CCR2	0	0.519553	0.18	0.01	0	Myeloid ce CCR2
609	TRIM25	0	0.519269	0.218	0.037	0	Myeloid ce TRIM25
610	GNAQ	0	0.518696	0.21	0.022	0	Myeloid ce GNAQ

611	CD163	0	0.518465	0.163	0	0	Myeloid ce CD163
612	LINC02432	0	0.516851	0.186	0	0	Myeloid ce LINC02432
613	KIAA0513	0	0.514449	0.209	0.009	0	Myeloid ce KIAA0513
614	AC005280.	0	0.512948	0.176	0.001	0	Myeloid ce AC005280.2
615	SULF2	0	0.512256	0.196	0.007	0	Myeloid ce SULF2
616	DPYD	0	0.511543	0.433	0.182	0	Myeloid ce DPYD
617	KYNU	0	0.510149	0.27	0.039	0	Myeloid ce KYNU
618	HEBP1	0	0.509908	0.387	0.12	0	Myeloid ce HEBP1
619	CDC42EP2	0	0.509446	0.18	0.001	0	Myeloid ce CDC42EP2
620	PFN1	0	0.508792	0.997	0.982	0	Myeloid ce PFN1
621	AMPD2	0	0.507882	0.271	0.06	0	Myeloid ce AMPD2
622	DPYSL2	0	0.507304	0.217	0.018	0	Myeloid ce DPYSL2
623	FOSL2	0	0.507253	0.195	0.021	0	Myeloid ce FOSL2
624	ALDH3B1	0	0.506597	0.201	0.001	0	Myeloid ce ALDH3B1
625	MGST3	0	0.506012	0.486	0.219	0	Myeloid ce MGST3
626	CLTC	0	0.505092	0.361	0.127	0	Myeloid ce CLTC
627	SCARB2	0	0.503047	0.246	0.041	0	Myeloid ce SCARB2
628	JAK2	0	0.502686	0.232	0.043	0	Myeloid ce JAK2
629	RNF144B	0	0.50232	0.21	0.021	0	Myeloid ce RNF144B
630	NACC2	0	0.500549	0.174	0.006	0	Myeloid ce NACC2
631	Mar-01	0	0.499499	0.356	0.092	0	Myeloid ce Mar-01
632	SHTN1	0	0.498641	0.183	0.001	0	Myeloid ce SHTN1
633	SIDT2	0	0.498129	0.252	0.057	0	Myeloid ce SIDT2
634	GLT1D1	0	0.497616	0.164	0.001	0	Myeloid ce GLT1D1
635	EIF4E2	0	0.495958	0.484	0.215	0	Myeloid ce EIF4E2
636	GAA	0	0.495801	0.244	0.036	0	Myeloid ce GAA
637	TNFRSF10C	0	0.493234	0.104	0.001	0	Myeloid ce TNFRSF10C
638	SVIL	0	0.491269	0.243	0.05	0	Myeloid ce SVIL
639	PLXNC1	0	0.488567	0.2	0.019	0	Myeloid ce PLXNC1
640	BCKDK	0	0.488211	0.315	0.086	0	Myeloid ce BCKDK
641	MYO9B	0	0.488009	0.268	0.073	0	Myeloid ce MYO9B
642	EPN1	0	0.487302	0.428	0.178	0	Myeloid ce EPN1
643	MIR4435-2	0	0.48659	0.226	0.049	0	Myeloid ce MIR4435-2HG
644	PLPPR2	0	0.486318	0.185	0.004	0	Myeloid ce PLPPR2
645	SNX27	0	0.486228	0.248	0.044	0	Myeloid ce SNX27
646	DICER1	0	0.484444	0.273	0.076	0	Myeloid ce DICER1
647	HLA-DRB1	0	0.482078	0.795	0.388	0	Myeloid ce HLA-DRB1
648	PFKFB3	0	0.481803	0.165	0.038	0	Myeloid ce PFKFB3
649	SGK1	0	0.480429	0.148	0.019	0	Myeloid ce SGK1
650	CAMKK2	0	0.479717	0.212	0.031	0	Myeloid ce CAMKK2
651	CKB	0	0.477563	0.107	0.001	0	Myeloid ce CKB
652	PDXK	0	0.477555	0.21	0.04	0	Myeloid ce PDXK
653	SQOR	0	0.476734	0.256	0.063	0	Myeloid ce SQOR
654	MIS18BP1	0	0.475767	0.404	0.161	0	Myeloid ce MIS18BP1
655	LMO2	0	0.473947	0.184	0.003	0	Myeloid ce LMO2
656	SEMA4A	0	0.473448	0.194	0.02	0	Myeloid ce SEMA4A
657	LAMP2	0	0.473176	0.274	0.071	0	Myeloid ce LAMP2

658 PFKFB4	0	0.472966	0.178	0.002	0 Myeloid ce PFKFB4
659 SPTLC2	0	0.471667	0.317	0.097	0 Myeloid ce SPTLC2
660 DAPK1	0	0.471402	0.189	0.005	0 Myeloid ce DAPK1
661 G6PD	0	0.471263	0.408	0.168	0 Myeloid ce G6PD
662 ERICH1	0	0.47086	0.451	0.197	0 Myeloid ce ERICH1
663 DDX60L	0	0.470325	0.251	0.076	0 Myeloid ce DDX60L
664 ST20	0	0.470213	0.191	0.03	0 Myeloid ce ST20
665 GALK1	0	0.470119	0.314	0.09	0 Myeloid ce GALK1
666 PKN2	0	0.469474	0.29	0.097	0 Myeloid ce PKN2
667 MIIP	0	0.4694	0.398	0.151	0 Myeloid ce MIIP
668 STAC3	0	0.468885	0.202	0.01	0 Myeloid ce STAC3
669 TET2	0	0.466765	0.202	0.028	0 Myeloid ce TET2
670 PLEKHO2	0	0.465102	0.18	0.01	0 Myeloid ce PLEKHO2
671 OGFRL1	0	0.464129	0.187	0.017	0 Myeloid ce OGFRL1
672 RRP12	0	0.463961	0.199	0.028	0 Myeloid ce RRP12
673 DUSP23	0	0.461373	0.363	0.125	0 Myeloid ce DUSP23
674 CSF2RA	0	0.460481	0.178	0	0 Myeloid ce CSF2RA
675 CEACAM3	0	0.459774	0.15	0	0 Myeloid ce CEACAM3
676 QKI	0	0.459456	0.215	0.032	0 Myeloid ce QKI
677 STAT2	0	0.459415	0.249	0.065	0 Myeloid ce STAT2
678 CYTOR	0	0.456133	0.286	0.079	0 Myeloid ce CYTOR
679 PPP1R9B	0	0.456037	0.233	0.048	0 Myeloid ce PPP1R9B
680 LRRFIP2	0	0.456006	0.313	0.104	0 Myeloid ce LRRFIP2
681 MCOLN1	0	0.455994	0.223	0.032	0 Myeloid ce MCOLN1
682 SLC6A6	0	0.455897	0.185	0.022	0 Myeloid ce SLC6A6
683 LFNG	0	0.455368	0.209	0.029	0 Myeloid ce LFNG
684 COLGALT1	0	0.454769	0.214	0.034	0 Myeloid ce COLGALT1
685 TMEM120A	0	0.453405	0.322	0.105	0 Myeloid ce TMEM120A
686 ARHGAP26	0	0.452816	0.17	0.018	0 Myeloid ce ARHGAP26
687 CPD	0	0.450566	0.185	0.032	0 Myeloid ce CPD
688 SORT1	0	0.449248	0.17	0.002	0 Myeloid ce SORT1
689 BATF3	0	0.448439	0.154	0.001	0 Myeloid ce BATF3
690 MICU1	0	0.444649	0.268	0.07	0 Myeloid ce MICU1
691 RAB20	0	0.444355	0.168	0.006	0 Myeloid ce RAB20
692 IFIT3	0	0.441629	0.169	0.024	0 Myeloid ce IFIT3
693 DOCK5	0	0.440553	0.166	0.004	0 Myeloid ce DOCK5
694 F13A1	0	0.440108	0.152	0.005	0 Myeloid ce F13A1
695 NANS	0	0.438904	0.292	0.077	0 Myeloid ce NANS
696 SH2B3	0	0.438479	0.196	0.015	0 Myeloid ce SH2B3
697 RNPEP	0	0.438232	0.286	0.079	0 Myeloid ce RNPEP
698 PPM1F	0	0.437771	0.19	0.018	0 Myeloid ce PPM1F
699 COL4A3BP	0	0.43741	0.274	0.075	0 Myeloid ce COL4A3BP
700 MAP3K1	0	0.43661	0.284	0.091	0 Myeloid ce MAP3K1
701 MARCO	0	0.436112	0.153	0	0 Myeloid ce MARCO
702 TYK2	0	0.435589	0.265	0.085	0 Myeloid ce TYK2
703 HEXB	0	0.434773	0.327	0.122	0 Myeloid ce HEXB
704 ZNF467	0	0.434747	0.169	0.012	0 Myeloid ce ZNF467

705 DOCK2	0	0.434487	0.359	0.137	0 Myeloid ce DOCK2
706 FFAR2	0	0.43401	0.105	0	0 Myeloid ce FFAR2
707 NLRC4	0	0.433578	0.161	0.001	0 Myeloid ce NLRC4
708 TTYH3	0	0.431538	0.174	0.006	0 Myeloid ce TTYH3
709 FAM120A	0	0.431382	0.25	0.071	0 Myeloid ce FAM120A
710 VMA21	0	0.429215	0.36	0.134	0 Myeloid ce VMA21
711 DUSP3	0	0.429183	0.19	0.017	0 Myeloid ce DUSP3
712 B4GALT5	0	0.428907	0.156	0.009	0 Myeloid ce B4GALT5
713 CORO1C	0	0.4287	0.199	0.021	0 Myeloid ce CORO1C
714 TBC1D8	0	0.428436	0.175	0.003	0 Myeloid ce TBC1D8
715 FAM214B	0	0.42828	0.18	0.016	0 Myeloid ce FAM214B
716 MAP3K3	0	0.428179	0.183	0.026	0 Myeloid ce MAP3K3
717 SLC15A3	0	0.428174	0.157	0.006	0 Myeloid ce SLC15A3
718 ADAM15	0	0.427895	0.228	0.046	0 Myeloid ce ADAM15
719 PDK4	0	0.427454	0.158	0.003	0 Myeloid ce PDK4
720 SMPDL3A	0	0.426601	0.158	0.002	0 Myeloid ce SMPDL3A
721 PREX1	0	0.425775	0.258	0.077	0 Myeloid ce PREX1
722 DENND3	0	0.424854	0.192	0.034	0 Myeloid ce DENND3
723 ARHGAP27	0	0.42073	0.325	0.116	0 Myeloid ce ARHGAP27
724 PTPRJ	0	0.419495	0.2	0.031	0 Myeloid ce PTPRJ
725 RNF135	0	0.419453	0.246	0.052	0 Myeloid ce RNF135
726 DNAJC5	0	0.419401	0.183	0.034	0 Myeloid ce DNAJC5
727 SNX18	0	0.41921	0.233	0.048	0 Myeloid ce SNX18
728 KLF10	0	0.418731	0.202	0.042	0 Myeloid ce KLF10
729 ACSL4	0	0.416659	0.209	0.047	0 Myeloid ce ACSL4
730 RAB34	0	0.416179	0.193	0.017	0 Myeloid ce RAB34
731 FAR1	0	0.415852	0.224	0.057	0 Myeloid ce FAR1
732 DRAM1	0	0.413412	0.173	0.014	0 Myeloid ce DRAM1
733 MBD2	0	0.413334	0.199	0.033	0 Myeloid ce MBD2
734 LRMDA	0	0.412063	0.165	0.001	0 Myeloid ce LRMDA
735 MTHFD2	0	0.411457	0.322	0.113	0 Myeloid ce MTHFD2
736 MCTP1	0	0.411188	0.16	0.006	0 Myeloid ce MCTP1
737 TMSB4X	0	0.410868	1	0.998	0 Myeloid ce TMSB4X
738 ITPK1	0	0.409425	0.241	0.052	0 Myeloid ce ITPK1
739 TOLLIP	0	0.407909	0.301	0.101	0 Myeloid ce TOLLIP
740 CX3CR1	0	0.407844	0.265	0.077	0 Myeloid ce CX3CR1
741 BAZ2B	0	0.407473	0.183	0.037	0 Myeloid ce BAZ2B
742 LIMS1	0	0.406864	0.334	0.118	0 Myeloid ce LIMS1
743 VAMP3	0	0.406469	0.294	0.089	0 Myeloid ce VAMP3
744 PLEKHB2	0	0.406411	0.295	0.097	0 Myeloid ce PLEKHB2
745 ACTN4	0	0.406159	0.319	0.113	0 Myeloid ce ACTN4
746 FNDC3B	0	0.406074	0.178	0.035	0 Myeloid ce FNDC3B
747 FOSB	0	0.405702	0.111	0.002	0 Myeloid ce FOSB
748 SIRPB1	0	0.405696	0.148	0.002	0 Myeloid ce SIRPB1
749 MLKL	0	0.405243	0.172	0.026	0 Myeloid ce MLKL
750 SECTM1	0	0.404819	0.148	0.001	0 Myeloid ce SECTM1
751 DNAJC25-C	0	0.404438	0.236	0.066	0 Myeloid ce DNAJC25-GNG10

752 IL3RA	0	0.403384	0.113	0.007	0 Myeloid ce IL3RA
753 ADAMTSL4	0	0.4017	0.149	0.001	0 Myeloid ce ADAMTSL4
754 SNAP29	0	0.401136	0.31	0.105	0 Myeloid ce SNAP29
755 TNNT1	0	0.399526	0.103	0	0 Myeloid ce TNNT1
756 ETV6	0	0.399168	0.192	0.041	0 Myeloid ce ETV6
757 AC020916.	0	0.398456	0.131	0.006	0 Myeloid ce AC020916.1
758 ARHGEF40	0	0.398201	0.126	0.001	0 Myeloid ce ARHGEF40
759 SLC25A24	0	0.397487	0.24	0.055	0 Myeloid ce SLC25A24
760 CD58	0	0.397054	0.259	0.072	0 Myeloid ce CD58
761 MEFV	0	0.396214	0.135	0	0 Myeloid ce MEFV
762 TNNI2	0	0.394425	0.161	0.012	0 Myeloid ce TNNI2
763 DGAT2	0	0.394116	0.101	0.006	0 Myeloid ce DGAT2
764 NRROS	0	0.391835	0.282	0.09	0 Myeloid ce NRROS
765 IMPA2	0	0.391358	0.149	0.007	0 Myeloid ce IMPA2
766 ICAM1	0	0.390532	0.144	0.017	0 Myeloid ce ICAM1
767 CCNY	0	0.388572	0.171	0.029	0 Myeloid ce CCNY
768 LEPROT	0	0.388058	0.274	0.087	0 Myeloid ce LEPROT
769 SIGLEC7	0	0.3869	0.173	0.011	0 Myeloid ce SIGLEC7
770 OAZ2	0	0.386826	0.24	0.063	0 Myeloid ce OAZ2
771 RP2	0	0.386683	0.21	0.038	0 Myeloid ce RP2
772 GNA15	0	0.386559	0.155	0.004	0 Myeloid ce GNA15
773 ARF3	0	0.386269	0.259	0.082	0 Myeloid ce ARF3
774 ZDHHC20	0	0.386138	0.213	0.058	0 Myeloid ce ZDHHC20
775 PDLIM5	0	0.385436	0.249	0.072	0 Myeloid ce PDLIM5
776 CYFIP1	0	0.384353	0.153	0.005	0 Myeloid ce CYFIP1
777 EVI5	0	0.383743	0.186	0.024	0 Myeloid ce EVI5
778 FRAT2	0	0.382184	0.157	0.022	0 Myeloid ce FRAT2
779 UNC93B1	0	0.381876	0.211	0.049	0 Myeloid ce UNC93B1
780 HIPK3	0	0.378722	0.227	0.061	0 Myeloid ce HIPK3
781 GRK3	0	0.378415	0.171	0.021	0 Myeloid ce GRK3
782 AGO4	0	0.376131	0.147	0.015	0 Myeloid ce AGO4
783 RPS6KA4	0	0.375986	0.204	0.055	0 Myeloid ce RPS6KA4
784 TP53I3	0	0.374798	0.149	0.012	0 Myeloid ce TP53I3
785 ACOT9	0	0.374759	0.249	0.064	0 Myeloid ce ACOT9
786 ATP6V1A	0	0.374096	0.22	0.058	0 Myeloid ce ATP6V1A
787 S100Z	0	0.374076	0.152	0.002	0 Myeloid ce S100Z
788 TLE3	0	0.37342	0.159	0.031	0 Myeloid ce TLE3
789 KDM6B	0	0.372307	0.176	0.041	0 Myeloid ce KDM6B
790 NLRP3	0	0.369887	0.141	0.002	0 Myeloid ce NLRP3
791 YWHAG	0	0.367822	0.214	0.055	0 Myeloid ce YWHAG
792 ZDHHC7	0	0.36552	0.224	0.057	0 Myeloid ce ZDHHC7
793 GNB4	0	0.364647	0.204	0.033	0 Myeloid ce GNB4
794 INPPL1	0	0.364174	0.158	0.024	0 Myeloid ce INPPL1
795 VCL	0	0.364114	0.218	0.056	0 Myeloid ce VCL
796 TRAPPC5	0	0.363338	0.27	0.086	0 Myeloid ce TRAPPC5
797 TLR1	0	0.36284	0.198	0.052	0 Myeloid ce TLR1
798 LINC01506	0	0.362788	0.125	0.001	0 Myeloid ce LINC01506

799 BCL3	0	0.36263	0.184	0.045	0 Myeloid ce BCL3
800 AGFG1	0	0.362436	0.163	0.032	0 Myeloid ce AGFG1
801 CBL	0	0.360721	0.215	0.061	0 Myeloid ce CBL
802 CEBPG	0	0.359488	0.253	0.076	0 Myeloid ce CEBPG
803 ABHD2	0	0.358718	0.179	0.041	0 Myeloid ce ABHD2
804 TMSB10	0	0.35781	0.991	0.998	0 Myeloid ce TMSB10
805 HES4	0	0.3577	0.111	0.004	0 Myeloid ce HES4
806 REEP4	0	0.357561	0.225	0.057	0 Myeloid ce REEP4
807 MTMR3	0	0.35739	0.171	0.041	0 Myeloid ce MTMR3
808 PRKACA	0	0.35715	0.147	0.015	0 Myeloid ce PRKACA
809 KDM1B	0	0.356153	0.181	0.026	0 Myeloid ce KDM1B
810 CALHM2	0	0.35571	0.24	0.064	0 Myeloid ce CALHM2
811 ZBTB7B	0	0.355487	0.197	0.045	0 Myeloid ce ZBTB7B
812 CDK2AP1	0	0.355089	0.145	0.006	0 Myeloid ce CDK2AP1
813 OSBPL11	0	0.354661	0.157	0.016	0 Myeloid ce OSBPL11
814 ARID3A	0	0.353833	0.152	0.024	0 Myeloid ce ARID3A
815 TFEC	0	0.352456	0.122	0.003	0 Myeloid ce TFEC
816 ZDHHC1	0	0.351906	0.124	0.001	0 Myeloid ce ZDHHC1
817 FAM157C	0	0.351481	0.111	0.005	0 Myeloid ce FAM157C
818 ICAM4	0	0.350371	0.132	0.003	0 Myeloid ce ICAM4
819 ASAP1	0	0.348878	0.154	0.024	0 Myeloid ce ASAP1
820 DSC2	0	0.34809	0.103	0	0 Myeloid ce DSC2
821 GAB2	0	0.346523	0.129	0.006	0 Myeloid ce GAB2
822 TRIB1	0	0.345933	0.111	0.008	0 Myeloid ce TRIB1
823 IER5	0	0.345263	0.148	0.02	0 Myeloid ce IER5
824 WDFY3	0	0.345178	0.108	0	0 Myeloid ce WDFY3
825 PISD	0	0.344326	0.206	0.055	0 Myeloid ce PISD
826 DENND1A	0	0.343138	0.151	0.02	0 Myeloid ce DENND1A
827 CEBPA	0	0.341847	0.127	0	0 Myeloid ce CEBPA
828 NBEAL2	0	0.341738	0.149	0.026	0 Myeloid ce NBEAL2
829 SSFA2	0	0.341088	0.169	0.029	0 Myeloid ce SSFA2
830 TLR8	0	0.33978	0.119	0	0 Myeloid ce TLR8
831 TMEM127	0	0.339632	0.161	0.027	0 Myeloid ce TMEM127
832 SERTAD3	0	0.338996	0.227	0.059	0 Myeloid ce SERTAD3
833 DENND6B	0	0.338439	0.176	0.033	0 Myeloid ce DENND6B
834 ZFYVE16	0	0.338079	0.153	0.031	0 Myeloid ce ZFYVE16
835 APH1B	0	0.337948	0.199	0.044	0 Myeloid ce APH1B
836 FUCA2	0	0.337556	0.197	0.039	0 Myeloid ce FUCA2
837 ATP6V0A1	0	0.33559	0.138	0.023	0 Myeloid ce ATP6V0A1
838 B3GNT8	0	0.334509	0.122	0.003	0 Myeloid ce B3GNT8
839 METRNL	0	0.328997	0.132	0.011	0 Myeloid ce METRNL
840 TNFRSF8	0	0.328159	0.124	0.001	0 Myeloid ce TNFRSF8
841 LACTB	0	0.325234	0.161	0.033	0 Myeloid ce LACTB
842 FGD2	0	0.323343	0.244	0.07	0 Myeloid ce FGD2
843 DENND5A	0	0.322637	0.152	0.023	0 Myeloid ce DENND5A
844 ACER3	0	0.321106	0.148	0.018	0 Myeloid ce ACER3
845 GLA	0	0.321047	0.172	0.034	0 Myeloid ce GLA

846 SLC46A2	0	0.319377	0.119	0	0 Myeloid ce SLC46A2
847 ARL11	0	0.318756	0.189	0.036	0 Myeloid ce ARL11
848 TCN2	0	0.317765	0.124	0.001	0 Myeloid ce TCN2
849 ATP11A	0	0.316534	0.131	0.017	0 Myeloid ce ATP11A
850 SMARCD3	0	0.314721	0.106	0.007	0 Myeloid ce SMARCD3
851 TBC1D2	0	0.312436	0.144	0.015	0 Myeloid ce TBC1D2
852 GAS6	0	0.311514	0.112	0.012	0 Myeloid ce GAS6
853 TK2	0	0.31054	0.131	0.012	0 Myeloid ce TK2
854 AP5B1	0	0.309841	0.112	0.009	0 Myeloid ce AP5B1
855 TRIOBP	0	0.309287	0.138	0.023	0 Myeloid ce TRIOBP
856 ADGRE1	0	0.308128	0.123	0.005	0 Myeloid ce ADGRE1
857 SPECC1	0	0.307281	0.127	0.01	0 Myeloid ce SPECC1
858 TLR5	0	0.306499	0.107	0.007	0 Myeloid ce TLR5
859 RRAS	0	0.304357	0.126	0.009	0 Myeloid ce RRAS
860 IL13RA1	0	0.304313	0.115	0.006	0 Myeloid ce IL13RA1
861 LINC00877	0	0.304095	0.125	0.004	0 Myeloid ce LINC00877
862 ZMIZ1	0	0.303169	0.146	0.022	0 Myeloid ce ZMIZ1
863 NPEPL1	0	0.302806	0.144	0.021	0 Myeloid ce NPEPL1
864 FGD4	0	0.300176	0.116	0.003	0 Myeloid ce FGD4
865 STX3	0	0.300155	0.106	0.012	0 Myeloid ce STX3
866 NHSL2	0	0.299372	0.111	0.006	0 Myeloid ce NHSL2
867 TST	0	0.299035	0.128	0.016	0 Myeloid ce TST
868 HPSE	0	0.29834	0.112	0.008	0 Myeloid ce HPSE
869 PTPN12	0	0.297865	0.158	0.033	0 Myeloid ce PTPN12
870 FAM129B	0	0.296858	0.101	0.001	0 Myeloid ce FAM129B
871 MAP3K20	0	0.295779	0.127	0.011	0 Myeloid ce MAP3K20
872 SLCO3A1	0	0.29548	0.116	0.017	0 Myeloid ce SLCO3A1
873 PLAGL2	0	0.294131	0.135	0.018	0 Myeloid ce PLAGL2
874 IL18	0	0.293972	0.119	0.005	0 Myeloid ce IL18
875 SMIM3	0	0.293765	0.155	0.025	0 Myeloid ce SMIM3
876 AGPAT3	0	0.292352	0.138	0.019	0 Myeloid ce AGPAT3
877 RHOQ	0	0.291517	0.128	0.021	0 Myeloid ce RHOQ
878 NEK6	0	0.290104	0.15	0.021	0 Myeloid ce NEK6
879 IQSEC2	0	0.289223	0.111	0.001	0 Myeloid ce IQSEC2
880 KIF1B	0	0.289006	0.105	0.013	0 Myeloid ce KIF1B
881 ST14	0	0.287296	0.113	0.006	0 Myeloid ce ST14
882 CTBP2	0	0.287249	0.142	0.019	0 Myeloid ce CTBP2
883 TMEM170B	0	0.286824	0.101	0.001	0 Myeloid ce TMEM170B
884 SLC27A3	0	0.282838	0.157	0.032	0 Myeloid ce SLC27A3
885 MAFG	0	0.280597	0.104	0.007	0 Myeloid ce MAFG
886 ULK1	0	0.275581	0.106	0.014	0 Myeloid ce ULK1
887 VPS9D1	0	0.273855	0.101	0.011	0 Myeloid ce VPS9D1
888 IL10RB-DT	0	0.27231	0.103	0.004	0 Myeloid ce IL10RB-DT
889 TRIQK	0	0.270001	0.118	0.008	0 Myeloid ce TRIQK
890 HIP1	0	0.266735	0.101	0.013	0 Myeloid ce HIP1
891 SLC43A3	0	0.263415	0.152	0.03	0 Myeloid ce SLC43A3
892 BEST1	0	0.261083	0.111	0.008	0 Myeloid ce BEST1

893	SAMD4A	0	0.259198	0.102	0.003	0	Myeloid ce SAMD4A
894	ALPK1	0	0.254357	0.1	0.014	0	Myeloid ce ALPK1
895	SRGAP2	0	0.253272	0.116	0.014	0	Myeloid ce SRGAP2
896	IGFBP7	0	0.253196	0.21	0.038	0	Myeloid ce IGFBP7
897	RPS24	0	-0.43139	0.968	0.998	0	Myeloid ce RPS24
898	NACA	0	-0.45326	0.966	0.994	0	Myeloid ce NACA
899	MT-ATP6	0	-0.48474	0.977	0.995	0	Myeloid ce MT-ATP6
900	BTF3	0	-0.51583	0.896	0.962	0	Myeloid ce BTF3
901	RPL28	0	-0.52508	0.993	0.998	0	Myeloid ce RPL28
902	TPT1	0	-0.55941	0.994	0.994	0	Myeloid ce TPT1
903	FAU	0	-0.57155	0.994	0.998	0	Myeloid ce FAU
904	PTMA	0	-0.58562	0.922	0.997	0	Myeloid ce PTMA
905	MT-CYB	0	-0.58934	0.913	0.956	0	Myeloid ce MT-CYB
906	PABPC1	0	-0.59039	0.921	0.945	0	Myeloid ce PABPC1
907	RPLP2	0	-0.59974	0.923	0.975	0	Myeloid ce RPLP2
908	LIMD2	0	-0.602	0.867	0.936	0	Myeloid ce LIMD2
909	RPL35	0	-0.63434	0.916	0.991	0	Myeloid ce RPL35
910	DDX5	0	-0.65675	0.777	0.856	0	Myeloid ce DDX5
911	PCBP2	0	-0.67006	0.874	0.944	0	Myeloid ce PCBP2
912	RPL15	0	-0.68357	0.919	0.989	0	Myeloid ce RPL15
913	RPS19	0	-0.68578	0.957	0.998	0	Myeloid ce RPS19
914	RPL8	0	-0.69512	0.951	0.997	0	Myeloid ce RPL8
915	SRSF5	0	-0.722	0.652	0.768	0	Myeloid ce SRSF5
916	RPS13	0	-0.72297	0.96	0.998	0	Myeloid ce RPS13
917	MALAT1	0	-0.72606	0.996	0.996	0	Myeloid ce MALAT1
918	RPS15	0	-0.73102	0.958	0.999	0	Myeloid ce RPS15
919	RPS14	0	-0.74553	0.96	0.995	0	Myeloid ce RPS14
920	RPS16	0	-0.74953	0.857	0.934	0	Myeloid ce RPS16
921	RPL26	0	-0.75356	0.937	0.995	0	Myeloid ce RPL26
922	CIRBP	0	-0.76721	0.643	0.781	0	Myeloid ce CIRBP
923	SNRPD2	0	-0.80416	0.724	0.858	0	Myeloid ce SNRPD2
924	EIF3E	0	-0.80595	0.549	0.696	0	Myeloid ce EIF3E
925	RAC2	0	-0.81099	0.84	0.915	0	Myeloid ce RAC2
926	RPL4	0	-0.81247	0.82	0.917	0	Myeloid ce RPL4
927	RPL24	0	-0.81262	0.932	0.992	0	Myeloid ce RPL24
928	CNN2	0	-0.81652	0.543	0.699	0	Myeloid ce CNN2
929	EEF1D	0	-0.83016	0.949	0.989	0	Myeloid ce EEF1D
930	MAT2B	0	-0.83182	0.364	0.572	0	Myeloid ce MAT2B
931	RPL41	0	-0.83971	0.995	1	0	Myeloid ce RPL41
932	RPL37	0	-0.84722	0.957	0.982	0	Myeloid ce RPL37
933	HSP90AB1	0	-0.8545	0.665	0.864	0	Myeloid ce HSP90AB1
934	RPS7	0	-0.85494	0.96	0.998	0	Myeloid ce RPS7
935	RPL22	0	-0.85612	0.914	0.985	0	Myeloid ce RPL22
936	HINT1	0	-0.86368	0.803	0.929	0	Myeloid ce HINT1
937	SLC38A1	0	-0.87912	0.062	0.324	0	Myeloid ce SLC38A1
938	MIF	0	-0.88211	0.692	0.851	0	Myeloid ce MIF
939	RPL9	0	-0.88747	0.938	0.99	0	Myeloid ce RPL9

940 RPL12	0	-0.89117	0.951	0.997	0 Myeloid ce RPL12
941 HNRNPDL	0	-0.9042	0.653	0.846	0 Myeloid ce HNRNPDL
942 NCL	0	-0.90923	0.543	0.752	0 Myeloid ce NCL
943 TNFAIP8	0	-0.90925	0.28	0.52	0 Myeloid ce TNFAIP8
944 RPS28	0	-0.91505	0.966	0.998	0 Myeloid ce RPS28
945 RPL39	0	-0.91555	0.988	0.998	0 Myeloid ce RPL39
946 RPL6	0	-0.92194	0.944	0.997	0 Myeloid ce RPL6
947 SNRPN	0	-0.93149	0.102	0.376	0 Myeloid ce SNRPN
948 ABLIM1	0	-0.93865	0.036	0.304	0 Myeloid ce ABLIM1
949 HNRNPA1	0	-0.94276	0.805	0.94	0 Myeloid ce HNRNPA1
950 RPL21	0	-0.95705	0.903	0.977	0 Myeloid ce RPL21
951 RPL7A	0	-0.96202	0.948	0.997	0 Myeloid ce RPL7A
952 NOP53	0	-0.96465	0.457	0.669	0 Myeloid ce NOP53
953 RPL19	0	-0.96756	0.967	0.998	0 Myeloid ce RPL19
954 PIK3IP1	0	-0.97794	0.068	0.333	0 Myeloid ce PIK3IP1
955 RPL11	0	-0.98939	0.969	0.998	0 Myeloid ce RPL11
956 RACK1	0	-0.99232	0.937	0.992	0 Myeloid ce RACK1
957 LIME1	0	-0.99566	0.052	0.343	0 Myeloid ce LIME1
958 PEBP1	0	-0.99774	0.267	0.554	0 Myeloid ce PEBP1
959 RPL35A	0	-1.00289	0.941	0.995	0 Myeloid ce RPL35A
960 IL16	0	-1.00317	0.299	0.561	0 Myeloid ce IL16
961 PIM2	0	-1.01273	0.063	0.337	0 Myeloid ce PIM2
962 CLEC2D	0	-1.02133	0.058	0.354	0 Myeloid ce CLEC2D
963 LDLRAP1	0	-1.02929	0.062	0.331	0 Myeloid ce LDLRAP1
964 MAL	0	-1.03179	0.04	0.297	0 Myeloid ce MAL
965 RPL18	0	-1.03372	0.943	0.997	0 Myeloid ce RPL18
966 RPS29	0	-1.0362	0.707	0.846	0 Myeloid ce RPS29
967 RPL23A	0	-1.03665	0.869	0.975	0 Myeloid ce RPL23A
968 PCED1B	0	-1.04749	0.047	0.326	0 Myeloid ce PCED1B
969 RPL29	0	-1.04862	0.955	0.998	0 Myeloid ce RPL29
970 Sep-06	0	-1.05604	0.298	0.581	0 Myeloid ce Sep-06
971 FLT3LG	0	-1.05647	0.171	0.417	0 Myeloid ce FLT3LG
972 RPL36	0	-1.05772	0.934	0.996	0 Myeloid ce RPL36
973 TRAF3IP3	0	-1.06158	0.455	0.686	0 Myeloid ce TRAF3IP3
974 TRAC	0	-1.06405	0.036	0.312	0 Myeloid ce TRAC
975 ETS1	0	-1.06912	0.068	0.382	0 Myeloid ce ETS1
976 IFITM1	0	-1.08719	0.502	0.84	0 Myeloid ce IFITM1
977 RPS8	0	-1.10287	0.948	0.997	0 Myeloid ce RPS8
978 ANXA6	0	-1.1195	0.309	0.616	0 Myeloid ce ANXA6
979 HIST1H4C	0	-1.12032	0.426	0.665	0 Myeloid ce HIST1H4C
980 SPOCK2	0	-1.1225	0.043	0.363	0 Myeloid ce SPOCK2
981 RPL18A	0	-1.14129	0.943	0.998	0 Myeloid ce RPL18A
982 TSTD1	0	-1.14391	0.224	0.56	0 Myeloid ce TSTD1
983 CAMK4	0	-1.1478	0.038	0.345	0 Myeloid ce CAMK4
984 RPS6	0	-1.15457	0.934	0.995	0 Myeloid ce RPS6
985 RPL34	0	-1.1548	0.974	0.997	0 Myeloid ce RPL34
986 RPS23	0	-1.15998	0.956	0.997	0 Myeloid ce RPS23

987	EEF2	0	-1.16225	0.814	0.95	0	Myeloid ce EEF2
988	HMGN1	0	-1.16483	0.413	0.755	0	Myeloid ce HMGN1
989	CD2	0	-1.16557	0.047	0.354	0	Myeloid ce CD2
990	STK17A	0	-1.17339	0.114	0.452	0	Myeloid ce STK17A
991	AC243960.	0	-1.17942	0.055	0.404	0	Myeloid ce AC243960.1
992	RPLP0	0	-1.1877	0.913	0.995	0	Myeloid ce RPLP0
993	RPS25	0	-1.19047	0.952	0.996	0	Myeloid ce RPS25
994	RPL14	0	-1.20336	0.936	0.996	0	Myeloid ce RPL14
995	RPL10A	0	-1.20406	0.83	0.969	0	Myeloid ce RPL10A
996	SKAP1	0	-1.2075	0.042	0.403	0	Myeloid ce SKAP1
997	EEF1A1	0	-1.20811	0.982	0.999	0	Myeloid ce EEF1A1
998	RPL32	0	-1.20949	0.966	0.998	0	Myeloid ce RPL32
999	RPL13	0	-1.22265	0.944	0.998	0	Myeloid ce RPL13
1000	DENND2D	0	-1.2232	0.131	0.444	0	Myeloid ce DENND2D
1001	S1PR1	0	-1.23401	0.044	0.417	0	Myeloid ce S1PR1
1002	RPS3A	0	-1.23662	0.944	0.997	0	Myeloid ce RPS3A
1003	TBC1D10C	0	-1.24132	0.366	0.699	0	Myeloid ce TBC1D10C
1004	RPL30	0	-1.24874	0.989	0.998	0	Myeloid ce RPL30
1005	RPS27A	0	-1.25475	0.966	0.998	0	Myeloid ce RPS27A
1006	RPS21	0	-1.27257	0.933	0.994	0	Myeloid ce RPS21
1007	RPS3	0	-1.2828	0.959	0.998	0	Myeloid ce RPS3
1008	BIN1	0	-1.28353	0.124	0.515	0	Myeloid ce BIN1
1009	RPL10	0	-1.29117	0.968	0.998	0	Myeloid ce RPL10
1010	OCIAD2	0	-1.29143	0.065	0.474	0	Myeloid ce OCIAD2
1011	ITM2A	0	-1.31512	0.049	0.392	0	Myeloid ce ITM2A
1012	RPS15A	0	-1.31638	0.978	0.999	0	Myeloid ce RPS15A
1013	RPS12	0	-1.32158	0.962	0.999	0	Myeloid ce RPS12
1014	HSPA8	0	-1.32802	0.648	0.893	0	Myeloid ce HSPA8
1015	RPSA	0	-1.32911	0.8	0.957	0	Myeloid ce RPSA
1016	ZAP70	0	-1.34517	0.042	0.416	0	Myeloid ce ZAP70
1017	RPS18	0	-1.35119	0.94	0.998	0	Myeloid ce RPS18
1018	ISG20	0	-1.37161	0.207	0.607	0	Myeloid ce ISG20
1019	MYC	0	-1.38369	0.127	0.439	0	Myeloid ce MYC
1020	SARAF	0	-1.39224	0.72	0.908	0	Myeloid ce SARAF
1021	BTG1	0	-1.40494	0.718	0.902	0	Myeloid ce BTG1
1022	Sep-01	0	-1.43113	0.181	0.628	0	Myeloid ce Sep-01
1023	RHOH	0	-1.4372	0.064	0.509	0	Myeloid ce RHOH
1024	RPS4X	0	-1.44195	0.933	0.997	0	Myeloid ce RPS4X
1025	EEF1B2	0	-1.44965	0.856	0.982	0	Myeloid ce EEF1B2
1026	LAT	0	-1.45955	0.08	0.468	0	Myeloid ce LAT
1027	MT-ND4L	0	-1.463	0.809	0.971	0	Myeloid ce MT-ND4L
1028	RPL5	0	-1.46724	0.905	0.994	0	Myeloid ce RPL5
1029	GYPC	0	-1.48391	0.329	0.716	0	Myeloid ce GYPC
1030	NOSIP	0	-1.5175	0.433	0.659	0	Myeloid ce NOSIP
1031	CD3G	0	-1.51982	0.05	0.455	0	Myeloid ce CD3G
1032	CD27	0	-1.53031	0.054	0.466	0	Myeloid ce CD27
1033	RPL3	0	-1.53265	0.908	0.996	0	Myeloid ce RPL3

1034	TRBC1	0	-1.53838	0.044	0.337	0	Myeloid ce TRBC1
1035	PTPRCAP	0	-1.55054	0.064	0.531	0	Myeloid ce PTPRCAP
1036	CD247	0	-1.55564	0.044	0.427	0	Myeloid ce CD247
1037	LBH	0	-1.57909	0.067	0.541	0	Myeloid ce LBH
1038	GZMM	0	-1.61496	0.051	0.453	0	Myeloid ce GZMM
1039	RPS27	0	-1.65447	0.962	0.998	0	Myeloid ce RPS27
1040	C12orf57	0	-1.6673	0.399	0.802	0	Myeloid ce C12orf57
1041	NPM1	0	-1.68475	0.657	0.942	0	Myeloid ce NPM1
1042	RPS5	0	-1.68891	0.895	0.995	0	Myeloid ce RPS5
1043	AES	0	-1.70168	0.337	0.781	0	Myeloid ce AES
1044	LINC00861	0	-1.74936	0.059	0.498	0	Myeloid ce LINC00861
1045	LEF1	0	-1.77802	0.062	0.477	0	Myeloid ce LEF1
1046	TCF7	0	-1.79281	0.061	0.459	0	Myeloid ce TCF7
1047	EVL	0	-1.89646	0.293	0.795	0	Myeloid ce EVL
1048	FCMR	0	-1.96464	0.075	0.639	0	Myeloid ce FCMR
1049	LCK	0	-2.04616	0.07	0.619	0	Myeloid ce LCK
1050	LDHB	0	-2.11456	0.386	0.787	0	Myeloid ce LDHB
1051	CCR7	0	-2.1598	0.076	0.597	0	Myeloid ce CCR7
1052	CD3D	0	-2.18271	0.076	0.593	0	Myeloid ce CD3D
1053	CD79A	0	-2.2168	0.063	0.339	0	Myeloid ce CD79A
1054	TRBC2	0	-2.22186	0.103	0.749	0	Myeloid ce TRBC2
1055	IL7R	0	-2.27774	0.072	0.517	0	Myeloid ce IL7R
1056	MS4A1	0	-2.3731	0.051	0.3	0	Myeloid ce MS4A1
1057	LTB	0	-2.40404	0.423	0.857	0	Myeloid ce LTB
1058	CD7	0	-2.49049	0.091	0.636	0	Myeloid ce CD7
1059	CD3E	0	-2.74522	0.087	0.662	0	Myeloid ce CD3E
1060	IL32	0	-2.85201	0.089	0.628	0	Myeloid ce IL32
1061	SNN	8.51E-308	0.290522	0.196	0.051	1.60E-303	Myeloid ce SNN
1062	CMIP	5.86E-307	0.317918	0.167	0.039	1.10E-302	Myeloid ce CMIP
1063	TBC1D10B	1.10E-306	0.269735	0.112	0.018	2.06E-302	Myeloid ce TBC1D10B
1064	ITM2B	1.73E-305	0.645167	0.953	0.877	3.25E-301	Myeloid ce ITM2B
1065	SAMSN1	3.39E-305	0.415706	0.228	0.069	6.36E-301	Myeloid ce SAMSN1
1066	CPQ	2.05E-303	0.268897	0.159	0.036	3.85E-299	Myeloid ce CPQ
1067	HLA-DRB5	1.12E-302	0.273399	0.698	0.355	2.11E-298	Myeloid ce HLA-DRB5
1068	CD69	1.38E-302	-0.95847	0.031	0.269	2.60E-298	Myeloid ce CD69
1069	PRKCH	3.13E-302	-0.87801	0.038	0.276	5.88E-298	Myeloid ce PRKCH
1070	POLE4	6.55E-302	0.505691	0.504	0.24	1.23E-297	Myeloid ce POLE4
1071	DNAJC13	1.02E-301	0.299801	0.145	0.031	1.92E-297	Myeloid ce DNAJC13
1072	SORL1	1.95E-301	0.716742	0.389	0.167	3.66E-297	Myeloid ce SORL1
1073	HLA-E	2.38E-301	-0.45566	0.926	0.96	4.48E-297	Myeloid ce HLA-E
1074	SEC61B	2.76E-301	0.56645	0.804	0.552	5.18E-297	Myeloid ce SEC61B
1075	CD5	3.41E-301	-0.84097	0.026	0.26	6.41E-297	Myeloid ce CD5
1076	SIT1	3.47E-301	-0.86835	0.041	0.28	6.52E-297	Myeloid ce SIT1
1077	EIF4A2	2.60E-300	-0.83169	0.355	0.556	4.88E-296	Myeloid ce EIF4A2
1078	DIAPH2	8.68E-300	0.274433	0.143	0.03	1.63E-295	Myeloid ce DIAPH2
1079	ATP1B3	1.09E-299	0.422872	0.343	0.133	2.04E-295	Myeloid ce ATP1B3
1080	PCBD1	1.61E-299	0.32072	0.236	0.073	3.03E-295	Myeloid ce PCBD1

1081	TPM4	3.02E-299	0.49742	0.468	0.216	5.68E-295	Myeloid ce TPM4
1082	COQ2	4.76E-299	0.263134	0.16	0.037	8.95E-295	Myeloid ce COQ2
1083	ABR	4.99E-299	0.294753	0.155	0.035	9.38E-295	Myeloid ce ABR
1084	TRAT1	6.28E-298	-0.93766	0.028	0.26	1.18E-293	Myeloid ce TRAT1
1085	CPEB4	3.70E-297	0.290011	0.124	0.023	6.95E-293	Myeloid ce CPEB4
1086	PAK2	7.26E-297	0.543783	0.618	0.336	1.36E-292	Myeloid ce PAK2
1087	OSBPL8	9.68E-297	0.503134	0.464	0.212	1.82E-292	Myeloid ce OSBPL8
1088	GIMAP7	1.52E-296	-1.10234	0.557	0.634	2.85E-292	Myeloid ce GIMAP7
1089	SFT2D1	3.00E-296	0.430856	0.473	0.215	5.63E-292	Myeloid ce SFT2D1
1090	ATP6V1F	3.52E-296	0.583362	0.719	0.463	6.62E-292	Myeloid ce ATP6V1F
1091	GM2A	3.59E-296	0.416301	0.221	0.067	6.75E-292	Myeloid ce GM2A
1092	IFI6	4.23E-294	0.563766	0.332	0.132	7.95E-290	Myeloid ce IFI6
1093	EIF1	1.02E-293	0.436866	0.985	0.976	1.91E-289	Myeloid ce EIF1
1094	AQP3	3.03E-293	-0.99982	0.03	0.26	5.68E-289	Myeloid ce AQP3
1095	CMTM7	3.78E-293	0.44938	0.458	0.208	7.10E-289	Myeloid ce CMTM7
1096	RNF13	4.07E-293	0.466906	0.431	0.191	7.64E-289	Myeloid ce RNF13
1097	USP32	8.93E-293	0.298551	0.152	0.034	1.68E-288	Myeloid ce USP32
1098	RPL31	2.35E-292	-0.53854	0.828	0.883	4.41E-288	Myeloid ce RPL31
1099	MT-ND1	4.48E-292	0.669472	0.949	0.849	8.42E-288	Myeloid ce MT-ND1
1100	DOCK8	3.99E-290	0.53349	0.564	0.293	7.49E-286	Myeloid ce DOCK8
1101	STRN4	7.54E-290	0.267023	0.14	0.03	1.42E-285	Myeloid ce STRN4
1102	CTSW	7.14E-289	-1.87017	0.048	0.279	1.34E-284	Myeloid ce CTSW
1103	YWHAH	7.24E-289	0.392447	0.321	0.122	1.36E-284	Myeloid ce YWHAH
1104	ENTPD1	4.82E-288	0.338048	0.151	0.035	9.05E-284	Myeloid ce ENTPD1
1105	MAPKAPK2	9.16E-288	0.316187	0.156	0.037	1.72E-283	Myeloid ce MAPKAPK2
1106	ANAPC11	3.01E-287	0.510328	0.682	0.398	5.65E-283	Myeloid ce ANAPC11
1107	FLOT1	9.28E-287	0.598632	0.514	0.259	1.74E-282	Myeloid ce FLOT1
1108	CHMP4B	1.56E-286	0.401363	0.308	0.115	2.93E-282	Myeloid ce CHMP4B
1109	CDC25B	3.47E-286	-0.84576	0.057	0.289	6.52E-282	Myeloid ce CDC25B
1110	USP3	8.60E-286	0.467884	0.407	0.178	1.62E-281	Myeloid ce USP3
1111	RAN	1.96E-285	-0.63101	0.639	0.747	3.68E-281	Myeloid ce RAN
1112	MTF1	3.52E-285	0.315309	0.151	0.035	6.61E-281	Myeloid ce MTF1
1113	GABBR1	8.20E-285	0.257356	0.108	0.018	1.54E-280	Myeloid ce GABBR1
1114	GCH1	8.96E-285	0.299992	0.172	0.044	1.68E-280	Myeloid ce GCH1
1115	STK40	1.85E-284	0.281527	0.148	0.033	3.47E-280	Myeloid ce STK40
1116	PIEZO1	2.01E-284	0.289162	0.158	0.038	3.78E-280	Myeloid ce PIEZO1
1117	RPLP1	5.07E-284	-0.36086	0.981	0.999	9.53E-280	Myeloid ce RPLP1
1118	ST13	1.78E-283	-0.73878	0.49	0.646	3.35E-279	Myeloid ce ST13
1119	FAM200B	2.08E-283	0.530392	0.4	0.177	3.91E-279	Myeloid ce FAM200B
1120	TUT7	3.90E-283	0.365518	0.225	0.07	7.33E-279	Myeloid ce TUT7
1121	TIMM8B	7.33E-282	0.447823	0.493	0.234	1.38E-277	Myeloid ce TIMM8B
1122	KCNK6	9.42E-281	0.281205	0.137	0.03	1.77E-276	Myeloid ce KCNK6
1123	YWHAE	9.69E-281	0.452492	0.492	0.234	1.82E-276	Myeloid ce YWHAE
1124	UNC119	2.45E-280	0.457602	0.412	0.181	4.60E-276	Myeloid ce UNC119
1125	TC2N	2.90E-280	-0.82135	0.022	0.241	5.46E-276	Myeloid ce TC2N
1126	PPM1N	1.38E-279	0.275168	0.108	0.019	2.58E-275	Myeloid ce PPM1N
1127	AHR	1.51E-279	0.253251	0.111	0.02	2.84E-275	Myeloid ce AHR

1128	IMPDH2	2.85E-279	-0.86121	0.188	0.409	5.35E-275	Myeloid ce IMPDH2
1129	CD4	6.93E-279	0.413227	0.335	0.13	1.30E-274	Myeloid ce CD4
1130	OXNAD1	4.72E-278	-0.87401	0.046	0.271	8.87E-274	Myeloid ce OXNAD1
1131	RPL27	8.07E-278	-0.44058	0.923	0.956	1.52E-273	Myeloid ce RPL27
1132	UBE2J1	3.56E-277	0.420998	0.485	0.227	6.68E-273	Myeloid ce UBE2J1
1133	PTEN	6.62E-277	0.396788	0.241	0.08	1.24E-272	Myeloid ce PTEN
1134	LPGAT1	1.83E-276	0.350552	0.206	0.061	3.44E-272	Myeloid ce LPGAT1
1135	BAX	2.57E-276	0.497043	0.627	0.352	4.83E-272	Myeloid ce BAX
1136	STAT6	1.26E-275	0.439954	0.401	0.173	2.36E-271	Myeloid ce STAT6
1137	TGOLN2	1.63E-275	0.460756	0.468	0.22	3.06E-271	Myeloid ce TGOLN2
1138	NRBF2	5.18E-275	0.432632	0.343	0.139	9.74E-271	Myeloid ce NRBF2
1139	GPX4	5.82E-275	0.611007	0.778	0.582	1.09E-270	Myeloid ce GPX4
1140	CYB5R4	3.54E-273	0.377305	0.309	0.117	6.65E-269	Myeloid ce CYB5R4
1141	NBPF10	8.09E-272	0.277659	0.15	0.035	1.52E-267	Myeloid ce NBPF10
1142	UQCRCQ	3.67E-271	0.52953	0.722	0.45	6.90E-267	Myeloid ce UQCRCQ
1143	CALM2	1.17E-270	0.555212	0.884	0.798	2.20E-266	Myeloid ce CALM2
1144	WAS	2.64E-270	0.52744	0.721	0.465	4.96E-266	Myeloid ce WAS
1145	APEX1	2.79E-270	-0.78691	0.302	0.504	5.25E-266	Myeloid ce APEX1
1146	MTDH	3.59E-270	0.545852	0.677	0.406	6.74E-266	Myeloid ce MTDH
1147	LRPAP1	5.96E-270	0.450514	0.508	0.249	1.12E-265	Myeloid ce LRPAP1
1148	RCBTB2	6.13E-270	0.27941	0.17	0.045	1.15E-265	Myeloid ce RCBTB2
1149	SMAP2	1.01E-269	0.447546	0.462	0.217	1.90E-265	Myeloid ce SMAP2
1150	SDHB	1.13E-269	0.417304	0.409	0.182	2.13E-265	Myeloid ce SDHB
1151	HMOX2	8.54E-269	-0.83111	0.204	0.419	1.60E-264	Myeloid ce HMOX2
1152	CD6	1.96E-267	-0.77669	0.026	0.239	3.68E-263	Myeloid ce CD6
1153	Sep-07	2.79E-267	-0.69878	0.541	0.667	5.25E-263	Myeloid ce Sep-07
1154	CTSC	8.71E-267	0.812567	0.539	0.308	1.64E-262	Myeloid ce CTSC
1155	EIF4E3	2.67E-265	0.293488	0.106	0.019	5.02E-261	Myeloid ce EIF4E3
1156	DOK1	5.77E-265	0.306154	0.255	0.087	1.08E-260	Myeloid ce DOK1
1157	MPST	5.22E-264	0.326713	0.212	0.066	9.81E-260	Myeloid ce MPST
1158	CCDC88B	2.95E-263	0.360066	0.17	0.046	5.54E-259	Myeloid ce CCDC88B
1159	TFE3	6.30E-263	0.254621	0.133	0.029	1.18E-258	Myeloid ce TFE3
1160	BUB3	7.46E-263	-0.794	0.272	0.468	1.40E-258	Myeloid ce BUB3
1161	HM13	2.87E-262	0.46905	0.547	0.287	5.38E-258	Myeloid ce HM13
1162	COX17	8.65E-262	0.492817	0.527	0.271	1.62E-257	Myeloid ce COX17
1163	PTP4A2	1.64E-260	0.483527	0.541	0.283	3.08E-256	Myeloid ce PTP4A2
1164	SELL	1.31E-259	-0.68208	0.663	0.771	2.46E-255	Myeloid ce SELL
1165	DNTTIP1	1.56E-259	0.307881	0.249	0.086	2.92E-255	Myeloid ce DNTTIP1
1166	DGKA	1.74E-259	-0.84575	0.123	0.345	3.27E-255	Myeloid ce DGKA
1167	TNRC18	1.88E-259	0.255063	0.119	0.024	3.52E-255	Myeloid ce TNRC18
1168	ITK	1.30E-258	-0.78424	0.03	0.241	2.44E-254	Myeloid ce ITK
1169	SLC12A9	3.70E-258	0.311587	0.169	0.046	6.94E-254	Myeloid ce SLC12A9
1170	GMFG	3.44E-257	0.50073	0.92	0.746	6.45E-253	Myeloid ce GMFG
1171	HMGB2	4.40E-257	0.558502	0.478	0.244	8.27E-253	Myeloid ce HMGB2
1172	METTL22	7.97E-257	0.289894	0.162	0.043	1.50E-252	Myeloid ce METTL22
1173	ARRDC1	1.17E-256	0.429274	0.472	0.225	2.20E-252	Myeloid ce ARRDC1
1174	MAP3K8	1.76E-256	0.304435	0.29	0.107	3.30E-252	Myeloid ce MAP3K8

1175	WDFY2	1.78E-256	0.316006	0.227	0.074	3.34E-252	Myeloid ce WDFY2
1176	B2M	2.67E-256	-0.32782	0.999	0.999	5.02E-252	Myeloid ce B2M
1177	AKIRIN2	1.22E-255	0.401582	0.405	0.182	2.29E-251	Myeloid ce AKIRIN2
1178	HK1	2.63E-255	0.380005	0.328	0.133	4.94E-251	Myeloid ce HK1
1179	IGF2R	4.61E-254	0.363746	0.19	0.057	8.66E-250	Myeloid ce IGF2R
1180	MGAT1	1.35E-253	0.457456	0.496	0.25	2.54E-249	Myeloid ce MGAT1
1181	NBPF26	1.83E-253	0.270974	0.142	0.034	3.43E-249	Myeloid ce NBPF26
1182	UBE2D2	2.24E-253	-0.59178	0.637	0.733	4.21E-249	Myeloid ce UBE2D2
1183	MOSPD2	2.02E-252	0.27245	0.154	0.039	3.79E-248	Myeloid ce MOSPD2
1184	COX7B	2.03E-252	0.531167	0.707	0.463	3.80E-248	Myeloid ce COX7B
1185	SH3TC1	2.69E-252	0.252915	0.173	0.048	5.05E-248	Myeloid ce SH3TC1
1186	RIN3	2.92E-252	0.426645	0.425	0.194	5.49E-248	Myeloid ce RIN3
1187	RPL17	3.49E-252	-0.66237	0.622	0.724	6.56E-248	Myeloid ce RPL17
1188	SLA	9.10E-251	0.403399	0.307	0.122	1.71E-246	Myeloid ce SLA
1189	CYTH4	1.19E-250	0.42155	0.376	0.164	2.24E-246	Myeloid ce CYTH4
1190	RPL36A	2.08E-250	-0.67166	0.722	0.814	3.92E-246	Myeloid ce RPL36A
1191	NPLOC4	3.09E-250	0.269228	0.131	0.03	5.81E-246	Myeloid ce NPLOC4
1192	IRF1	4.84E-250	0.578239	0.633	0.374	9.10E-246	Myeloid ce IRF1
1193	AP2A1	1.78E-249	0.361618	0.304	0.121	3.34E-245	Myeloid ce AP2A1
1194	HNRNPF	2.47E-249	-0.63686	0.592	0.706	4.64E-245	Myeloid ce HNRNPF
1195	MAST3	7.27E-249	0.269125	0.153	0.039	1.37E-244	Myeloid ce MAST3
1196	TOMM7	1.84E-248	-0.55625	0.774	0.827	3.45E-244	Myeloid ce TOMM7
1197	SLC1A5	4.50E-248	0.280053	0.177	0.051	8.45E-244	Myeloid ce SLC1A5
1198	COMMD9	7.25E-248	0.332135	0.334	0.136	1.36E-243	Myeloid ce COMMD9
1199	ATP5PD	1.28E-247	0.489089	0.768	0.524	2.41E-243	Myeloid ce ATP5PD
1200	ANO6	3.70E-247	0.304292	0.191	0.058	6.95E-243	Myeloid ce ANO6
1201	PDCD4	6.61E-247	-0.83473	0.214	0.419	1.24E-242	Myeloid ce PDCD4
1202	TMOD3	1.29E-246	0.415157	0.458	0.22	2.42E-242	Myeloid ce TMOD3
1203	NDUFB1	1.32E-246	0.514718	0.658	0.386	2.48E-242	Myeloid ce NDUFB1
1204	SOCS3	1.37E-246	0.522504	0.328	0.139	2.58E-242	Myeloid ce SOCS3
1205	IFIT2	1.52E-246	0.353615	0.156	0.041	2.86E-242	Myeloid ce IFIT2
1206	LMNB1	1.53E-246	0.451226	0.239	0.086	2.88E-242	Myeloid ce LMNB1
1207	COMMD6	2.22E-246	-0.46014	0.885	0.919	4.17E-242	Myeloid ce COMMD6
1208	DBI	3.76E-246	0.455562	0.798	0.575	7.06E-242	Myeloid ce DBI
1209	ATP5MF	5.16E-246	0.484106	0.81	0.614	9.69E-242	Myeloid ce ATP5MF
1210	PRDX2	1.02E-245	-0.78184	0.253	0.456	1.91E-241	Myeloid ce PRDX2
1211	MAPK1	1.38E-245	0.323573	0.258	0.093	2.59E-241	Myeloid ce MAPK1
1212	SCAND1	1.44E-245	0.50413	0.689	0.425	2.70E-241	Myeloid ce SCAND1
1213	NCOR2	8.51E-245	0.262709	0.137	0.033	1.60E-240	Myeloid ce NCOR2
1214	STMN1	8.55E-245	-0.83401	0.084	0.304	1.61E-240	Myeloid ce STMN1
1215	ANXA2R	1.41E-243	-0.78196	0.079	0.29	2.66E-239	Myeloid ce ANXA2R
1216	ANAPC16	1.78E-243	-0.64126	0.578	0.692	3.34E-239	Myeloid ce ANAPC16
1217	SLC2A3	3.05E-243	0.943067	0.397	0.201	5.73E-239	Myeloid ce SLC2A3
1218	SCLT1	4.35E-242	0.280997	0.185	0.055	8.17E-238	Myeloid ce SCLT1
1219	ITGAL	1.22E-241	0.378975	0.316	0.129	2.29E-237	Myeloid ce ITGAL
1220	KLHL18	1.86E-241	0.263316	0.159	0.043	3.50E-237	Myeloid ce KLHL18
1221	ORAI3	2.06E-241	0.259816	0.182	0.053	3.86E-237	Myeloid ce ORAI3

1222	NDUFA1	3.03E-241	0.48692	0.817	0.597	5.68E-237	Myeloid ce	NDUFA1
1223	PRKACB	4.26E-241	-0.73641	0.065	0.274	7.99E-237	Myeloid ce	PRKACB
1224	SOD1	9.98E-240	-0.57376	0.559	0.714	1.87E-235	Myeloid ce	SOD1
1225	PIP4P2	6.08E-239	0.326567	0.198	0.063	1.14E-234	Myeloid ce	PIP4P2
1226	MX2	6.12E-239	0.406331	0.363	0.158	1.15E-234	Myeloid ce	MX2
1227	PSEN1	7.87E-239	0.285268	0.196	0.061	1.48E-234	Myeloid ce	PSEN1
1228	CD8B	8.02E-239	-1.65347	0.029	0.226	1.51E-234	Myeloid ce	CD8B
1229	IFI35	1.25E-238	0.39865	0.403	0.186	2.36E-234	Myeloid ce	IFI35
1230	PRMT2	1.72E-238	-0.8168	0.401	0.551	3.24E-234	Myeloid ce	PRMT2
1231	MICAL1	4.62E-238	0.344685	0.29	0.114	8.68E-234	Myeloid ce	MICAL1
1232	ZNHIT1	7.91E-238	0.449812	0.58	0.321	1.49E-233	Myeloid ce	ZNHIT1
1233	PRDX3	1.25E-237	0.446599	0.54	0.292	2.35E-233	Myeloid ce	PRDX3
1234	FLII	1.31E-237	0.377092	0.368	0.163	2.46E-233	Myeloid ce	FLII
1235	CD96	1.34E-237	-0.68829	0.022	0.215	2.51E-233	Myeloid ce	CD96
1236	CDK5	3.62E-237	0.271544	0.201	0.065	6.80E-233	Myeloid ce	CDK5
1237	MTHFS	5.55E-236	0.390167	0.369	0.164	1.04E-231	Myeloid ce	MTHFS
1238	XRCC6	1.37E-235	-0.64155	0.468	0.615	2.58E-231	Myeloid ce	XRCC6
1239	ATP2B1-AS1	3.31E-235	0.38003	0.22	0.075	6.21E-231	Myeloid ce	ATP2B1-AS1
1240	ROMO1	1.35E-234	0.488469	0.669	0.406	2.54E-230	Myeloid ce	ROMO1
1241	ARHGAP15	1.75E-234	-0.74604	0.176	0.39	3.28E-230	Myeloid ce	ARHGAP15
1242	RNF141	3.19E-234	0.330604	0.324	0.133	6.00E-230	Myeloid ce	RNF141
1243	RARRES3	8.57E-234	-0.87542	0.411	0.574	1.61E-229	Myeloid ce	RARRES3
1244	HEBP2	6.16E-233	0.349708	0.213	0.073	1.16E-228	Myeloid ce	HEBP2
1245	CLTB	1.44E-232	0.366866	0.386	0.176	2.70E-228	Myeloid ce	CLTB
1246	HDLBP	1.72E-232	0.335198	0.3	0.121	3.24E-228	Myeloid ce	HDLBP
1247	SHOC2	7.73E-232	0.392773	0.349	0.154	1.45E-227	Myeloid ce	SHOC2
1248	FOXP1	7.87E-232	-0.84074	0.27	0.455	1.48E-227	Myeloid ce	FOXP1
1249	CDKN2D	2.52E-231	0.406007	0.382	0.174	4.74E-227	Myeloid ce	CDKN2D
1250	PRMT1	1.11E-230	-0.77522	0.238	0.427	2.08E-226	Myeloid ce	PRMT1
1251	FAM89B	2.56E-230	0.257949	0.161	0.046	4.81E-226	Myeloid ce	FAM89B
1252	ITGA5	5.39E-230	0.28492	0.161	0.046	1.01E-225	Myeloid ce	ITGA5
1253	TAGAP	2.65E-229	-0.86378	0.232	0.43	4.98E-225	Myeloid ce	TAGAP
1254	PSMA7	6.79E-229	0.464393	0.832	0.666	1.28E-224	Myeloid ce	PSMA7
1255	CD19	6.83E-229	-1.05625	0.027	0.217	1.28E-224	Myeloid ce	CD19
1256	ARL4C	1.28E-228	-0.77432	0.083	0.29	2.41E-224	Myeloid ce	ARL4C
1257	LY9	6.79E-228	-0.6688	0.026	0.216	1.28E-223	Myeloid ce	LY9
1258	AKAP13	9.17E-228	0.457547	0.515	0.272	1.72E-223	Myeloid ce	AKAP13
1259	ENO1	2.86E-226	0.488118	0.814	0.624	5.36E-222	Myeloid ce	ENO1
1260	RPL37A	2.88E-226	-0.53736	0.778	0.845	5.41E-222	Myeloid ce	RPL37A
1261	MSRA	3.49E-225	0.253306	0.201	0.065	6.55E-221	Myeloid ce	MSRA
1262	MANBA	5.25E-225	0.306767	0.272	0.105	9.87E-221	Myeloid ce	MANBA
1263	BACH2	5.51E-224	-0.79224	0.033	0.223	1.03E-219	Myeloid ce	BACH2
1264	MAN2B1	1.46E-223	0.34882	0.328	0.141	2.75E-219	Myeloid ce	MAN2B1
1265	TRIM8	1.58E-223	0.322314	0.24	0.088	2.97E-219	Myeloid ce	TRIM8
1266	BANK1	1.59E-223	-1.16719	0.041	0.23	2.99E-219	Myeloid ce	BANK1
1267	ACAP1	2.13E-223	-0.66288	0.309	0.515	4.00E-219	Myeloid ce	ACAP1
1268	OS9	1.24E-222	0.388432	0.449	0.221	2.33E-218	Myeloid ce	OS9

1269	GIMAP8	1.56E-222	0.318345	0.241	0.088	2.93E-218	Myeloid ce GIMAP8
1270	FBXO6	7.66E-222	0.251928	0.208	0.07	1.44E-217	Myeloid ce FBXO6
1271	KIAA0232	3.73E-221	0.26089	0.137	0.036	7.00E-217	Myeloid ce KIAA0232
1272	IGFLR1	3.78E-221	0.341635	0.342	0.149	7.09E-217	Myeloid ce IGFLR1
1273	ZBTB7A	1.02E-220	0.318037	0.215	0.075	1.92E-216	Myeloid ce ZBTB7A
1274	MTX1	2.15E-220	0.3965	0.321	0.141	4.04E-216	Myeloid ce MTX1
1275	C1QBP	2.22E-220	-0.67263	0.447	0.578	4.16E-216	Myeloid ce C1QBP
1276	COX5A	6.24E-220	0.47791	0.744	0.538	1.17E-215	Myeloid ce COX5A
1277	GTF3A	1.11E-219	-0.67867	0.47	0.597	2.08E-215	Myeloid ce GTF3A
1278	STMP1	2.90E-219	0.424384	0.597	0.34	5.45E-215	Myeloid ce STMP1
1279	NCKAP1L	7.22E-219	0.391115	0.437	0.216	1.36E-214	Myeloid ce NCKAP1L
1280	TMBIM4	7.50E-219	0.326023	0.33	0.141	1.41E-214	Myeloid ce TMBIM4
1281	TTC7A	2.45E-218	0.281326	0.161	0.048	4.61E-214	Myeloid ce TTC7A
1282	MAP3K2	9.08E-218	0.298787	0.188	0.061	1.71E-213	Myeloid ce MAP3K2
1283	PRDX1	1.05E-217	0.532553	0.71	0.516	1.96E-213	Myeloid ce PRDX1
1284	CRIP1	1.10E-217	0.627579	0.604	0.356	2.06E-213	Myeloid ce CRIP1
1285	SAMD3	4.56E-217	-0.68907	0.013	0.189	8.56E-213	Myeloid ce SAMD3
1286	SCML4	5.95E-217	-0.6446	0.021	0.2	1.12E-212	Myeloid ce SCML4
1287	RNPEPL1	6.80E-217	0.342773	0.263	0.103	1.28E-212	Myeloid ce RNPEPL1
1288	YWHAB	1.06E-216	0.381	0.91	0.796	1.99E-212	Myeloid ce YWHAB
1289	DENND4B	1.82E-216	0.281899	0.193	0.063	3.42E-212	Myeloid ce DENND4B
1290	PRF1	2.37E-216	-1.90709	0.017	0.195	4.46E-212	Myeloid ce PRF1
1291	IQGAP2	8.23E-216	0.359754	0.269	0.108	1.55E-211	Myeloid ce IQGAP2
1292	NBPF19	2.14E-215	0.332878	0.212	0.074	4.01E-211	Myeloid ce NBPF19
1293	CCT3	2.35E-215	-0.70292	0.349	0.507	4.42E-211	Myeloid ce CCT3
1294	STX12	2.64E-215	0.294879	0.279	0.111	4.96E-211	Myeloid ce STX12
1295	CAPN2	4.20E-215	0.336208	0.384	0.177	7.90E-211	Myeloid ce CAPN2
1296	ITGB7	6.23E-215	-0.73258	0.077	0.271	1.17E-210	Myeloid ce ITGB7
1297	EIF3L	1.27E-214	-0.58717	0.601	0.704	2.39E-210	Myeloid ce EIF3L
1298	PSIP1	3.38E-214	-0.74129	0.2	0.39	6.34E-210	Myeloid ce PSIP1
1299	COPE	3.85E-214	0.447678	0.707	0.458	7.23E-210	Myeloid ce COPE
1300	LIMK2	6.50E-213	0.358472	0.122	0.03	1.22E-208	Myeloid ce LIMK2
1301	USP15	7.12E-213	0.514172	0.55	0.313	1.34E-208	Myeloid ce USP15
1302	NDUFV3	1.62E-212	0.305419	0.279	0.113	3.05E-208	Myeloid ce NDUFV3
1303	IGHM	5.11E-212	-1.6227	0.087	0.281	9.60E-208	Myeloid ce IGHM
1304	NDUFB3	9.53E-212	0.437033	0.625	0.373	1.79E-207	Myeloid ce NDUFB3
1305	PNISR	1.53E-211	-0.67892	0.425	0.572	2.87E-207	Myeloid ce PNISR
1306	MYL12A	4.35E-211	-0.45882	0.938	0.947	8.18E-207	Myeloid ce MYL12A
1307	NDUFS6	6.06E-211	0.432206	0.584	0.336	1.14E-206	Myeloid ce NDUFS6
1308	CCT4	6.91E-211	-0.66521	0.382	0.531	1.30E-206	Myeloid ce CCT4
1309	ADAM10	8.49E-211	0.365434	0.354	0.161	1.60E-206	Myeloid ce ADAM10
1310	DYNLL1	1.31E-210	0.439074	0.64	0.389	2.46E-206	Myeloid ce DYNLL1
1311	TMEM33	3.19E-210	0.272877	0.185	0.061	6.00E-206	Myeloid ce TMEM33
1312	SIRPG	4.12E-210	-0.65866	0.019	0.194	7.75E-206	Myeloid ce SIRPG
1313	EIF3F	1.09E-209	-0.50367	0.718	0.793	2.05E-205	Myeloid ce EIF3F
1314	RAB2A	1.19E-209	0.411092	0.538	0.297	2.24E-205	Myeloid ce RAB2A
1315	EP300	1.52E-209	0.29563	0.21	0.074	2.85E-205	Myeloid ce EP300

1316 ILK	2.98E-209	0.351043	0.461	0.234	5.60E-205	Myeloid ce ILK
1317 RFLNB	6.14E-209	0.338022	0.138	0.038	1.15E-204	Myeloid ce RFLNB
1318 NUCB2	6.62E-209	-0.81308	0.194	0.382	1.24E-204	Myeloid ce NUCB2
1319 AL133415	8.79E-209	0.355496	0.156	0.047	1.65E-204	Myeloid ce AL133415.1
1320 SFT2D2	3.66E-208	0.275538	0.227	0.083	6.88E-204	Myeloid ce SFT2D2
1321 VPRED3	7.13E-208	-1.20726	0.03	0.208	1.34E-203	Myeloid ce VPRED3
1322 LINC00926	8.69E-208	-1.07116	0.033	0.212	1.63E-203	Myeloid ce LINC00926
1323 RGCC	5.11E-207	-0.71942	0.046	0.229	9.59E-203	Myeloid ce RGCC
1324 TMEM165	5.27E-207	0.347399	0.332	0.149	9.90E-203	Myeloid ce TMEM165
1325 SNHG8	9.88E-207	-0.77546	0.294	0.464	1.86E-202	Myeloid ce SNHG8
1326 DDAH2	5.60E-206	0.327968	0.317	0.137	1.05E-201	Myeloid ce DDAH2
1327 CAP1	6.02E-206	0.460129	0.77	0.558	1.13E-201	Myeloid ce CAP1
1328 HIPK1	6.61E-206	0.255526	0.145	0.041	1.24E-201	Myeloid ce HIPK1
1329 TMEM243	1.51E-205	-0.73292	0.238	0.42	2.84E-201	Myeloid ce TMEM243
1330 STMN3	1.72E-205	-0.63838	0.034	0.212	3.22E-201	Myeloid ce STMN3
1331 HOOK3	3.13E-205	0.311067	0.268	0.108	5.87E-201	Myeloid ce HOOK3
1332 SSR3	3.54E-205	0.338211	0.492	0.257	6.65E-201	Myeloid ce SSR3
1333 YIF1B	1.04E-204	0.349349	0.364	0.171	1.96E-200	Myeloid ce YIF1B
1334 HNRNPK	1.20E-204	-0.54546	0.674	0.753	2.25E-200	Myeloid ce HNRNPK
1335 RBX1	8.91E-204	0.449541	0.718	0.491	1.67E-199	Myeloid ce RBX1
1336 CD8A	2.33E-203	-1.08104	0.02	0.19	4.38E-199	Myeloid ce CD8A
1337 SPCS3	7.31E-203	0.308338	0.409	0.195	1.37E-198	Myeloid ce SPCS3
1338 CHCHD5	1.82E-202	0.357358	0.406	0.199	3.41E-198	Myeloid ce CHCHD5
1339 VTI1B	2.30E-202	0.352395	0.426	0.212	4.32E-198	Myeloid ce VTI1B
1340 ID3	5.31E-202	-0.88829	0.046	0.224	9.98E-198	Myeloid ce ID3
1341 C16orf72	7.01E-201	0.288515	0.144	0.042	1.32E-196	Myeloid ce C16orf72
1342 CXCR4	1.72E-200	-0.871	0.151	0.348	3.23E-196	Myeloid ce CXCR4
1343 ADD3	2.47E-200	-0.68724	0.345	0.51	4.64E-196	Myeloid ce ADD3
1344 PGK1	2.49E-200	0.511824	0.813	0.675	4.68E-196	Myeloid ce PGK1
1345 ECE1	3.84E-200	0.334311	0.188	0.065	7.21E-196	Myeloid ce ECE1
1346 TMIGD2	6.81E-200	-0.65281	0.034	0.208	1.28E-195	Myeloid ce TMIGD2
1347 FCRLA	7.29E-200	-0.99292	0.025	0.195	1.37E-195	Myeloid ce FCRLA
1348 TMEM204	8.90E-200	-0.62588	0.025	0.196	1.67E-195	Myeloid ce TMEM204
1349 GUSB	9.00E-200	0.302209	0.308	0.134	1.69E-195	Myeloid ce GUSB
1350 TRABD2A	1.29E-199	-0.65793	0.029	0.2	2.42E-195	Myeloid ce TRABD2A
1351 TCL1A	2.62E-199	-1.81071	0.047	0.226	4.93E-195	Myeloid ce TCL1A
1352 PARVB	4.37E-199	0.250876	0.222	0.083	8.21E-195	Myeloid ce PARVB
1353 RNASE6	6.16E-199	0.323207	0.243	0.094	1.16E-194	Myeloid ce RNASE6
1354 FBXO9	1.11E-198	0.367948	0.347	0.162	2.09E-194	Myeloid ce FBXO9
1355 DNAJC3	1.89E-196	0.325558	0.299	0.13	3.56E-192	Myeloid ce DNAJC3
1356 FAM50A	2.94E-196	0.329654	0.405	0.199	5.53E-192	Myeloid ce FAM50A
1357 DGKZ	2.32E-195	0.351323	0.306	0.135	4.36E-191	Myeloid ce DGKZ
1358 TNFAIP8L2	9.01E-195	0.320143	0.342	0.156	1.69E-190	Myeloid ce TNFAIP8L2
1359 MKNK1	8.87E-194	0.272298	0.169	0.056	1.67E-189	Myeloid ce MKNK1
1360 INSIG1	5.39E-193	0.528296	0.247	0.104	1.01E-188	Myeloid ce INSIG1
1361 CAPZA1	7.01E-193	0.38859	0.495	0.271	1.32E-188	Myeloid ce CAPZA1
1362 STK10	9.25E-193	0.353051	0.392	0.193	1.74E-188	Myeloid ce STK10

1363	TECR	2.05E-192	-0.71035	0.308	0.46	3.84E-188	Myeloid ce	TECR
1364	SRSF8	2.52E-191	-0.66549	0.08	0.258	4.73E-187	Myeloid ce	SRSF8
1365	CCNI	3.33E-191	-0.43809	0.835	0.875	6.25E-187	Myeloid ce	CCNI
1366	PRKCB	4.74E-191	0.330226	0.361	0.171	8.90E-187	Myeloid ce	PRKCB
1367	HNRNPA0	5.48E-191	-0.65726	0.392	0.527	1.03E-186	Myeloid ce	HNRNPA0
1368	MSL1	1.12E-190	0.298014	0.147	0.045	2.11E-186	Myeloid ce	MSL1
1369	SEM1	1.33E-190	0.415933	0.633	0.388	2.50E-186	Myeloid ce	SEM1
1370	HAUS4	4.46E-190	0.323654	0.281	0.122	8.38E-186	Myeloid ce	HAUS4
1371	LEPROTL1	1.38E-189	-0.80342	0.39	0.516	2.59E-185	Myeloid ce	LEPROTL1
1372	DEK	1.81E-189	0.385017	0.541	0.3	3.40E-185	Myeloid ce	DEK
1373	SHISAL2A	2.41E-189	-0.58349	0.023	0.185	4.53E-185	Myeloid ce	SHISAL2A
1374	PQLC3	9.24E-189	0.30992	0.316	0.143	1.74E-184	Myeloid ce	PQLC3
1375	LASP1	1.13E-188	0.339091	0.305	0.136	2.12E-184	Myeloid ce	LASP1
1376	SLIRP	3.63E-188	0.338213	0.415	0.21	6.82E-184	Myeloid ce	SLIRP
1377	MBD6	3.64E-188	0.256875	0.134	0.038	6.84E-184	Myeloid ce	MBD6
1378	PHF1	3.76E-188	-0.66427	0.087	0.265	7.06E-184	Myeloid ce	PHF1
1379	RBL2	3.96E-188	-0.72633	0.23	0.405	7.44E-184	Myeloid ce	RBL2
1380	LSM6	4.43E-188	0.433227	0.599	0.366	8.32E-184	Myeloid ce	LSM6
1381	TXK	5.38E-188	-0.59595	0.02	0.181	1.01E-183	Myeloid ce	TXK
1382	PCBP1	8.98E-188	-0.42894	0.84	0.878	1.69E-183	Myeloid ce	PCBP1
1383	SSR2	3.33E-187	-0.51521	0.683	0.748	6.25E-183	Myeloid ce	SSR2
1384	SATB1	1.30E-186	-0.71197	0.086	0.265	2.44E-182	Myeloid ce	SATB1
1385	ATP6V1C1	1.53E-186	0.267454	0.194	0.07	2.87E-182	Myeloid ce	ATP6V1C1
1386	ACAA1	3.84E-186	0.376011	0.478	0.261	7.21E-182	Myeloid ce	ACAA1
1387	DCP2	4.38E-186	0.326197	0.34	0.16	8.23E-182	Myeloid ce	DCP2
1388	GBP2	6.38E-186	0.417464	0.347	0.169	1.20E-181	Myeloid ce	GBP2
1389	SH3YL1	1.08E-185	-0.62403	0.047	0.215	2.02E-181	Myeloid ce	SH3YL1
1390	REL	4.71E-185	0.305964	0.421	0.209	8.85E-181	Myeloid ce	REL
1391	ACOX1	5.48E-185	0.255121	0.143	0.043	1.03E-180	Myeloid ce	ACOX1
1392	OGDH	1.03E-184	0.27735	0.209	0.079	1.93E-180	Myeloid ce	OGDH
1393	NUCB1	2.07E-184	0.387916	0.54	0.313	3.90E-180	Myeloid ce	NUCB1
1394	RIOK3	4.56E-184	0.317801	0.348	0.166	8.56E-180	Myeloid ce	RIOK3
1395	TACC1	6.49E-184	0.298323	0.243	0.099	1.22E-179	Myeloid ce	TACC1
1396	PARP14	7.25E-183	0.329833	0.236	0.095	1.36E-178	Myeloid ce	PARP14
1397	CSNK1G2	7.82E-183	0.258499	0.17	0.057	1.47E-178	Myeloid ce	CSNK1G2
1398	SP1	1.30E-182	0.257287	0.159	0.052	2.45E-178	Myeloid ce	SP1
1399	ATP6V0E2	1.79E-182	-0.62522	0.059	0.227	3.36E-178	Myeloid ce	ATP6V0E2
1400	SBNO2	2.38E-182	0.260874	0.128	0.037	4.47E-178	Myeloid ce	SBNO2
1401	PPP1CB	3.30E-182	0.340558	0.306	0.139	6.19E-178	Myeloid ce	PPP1CB
1402	WDR83OS	3.59E-181	0.399198	0.771	0.577	6.75E-177	Myeloid ce	WDR83OS
1403	NDUFB7	1.14E-180	0.392662	0.672	0.43	2.14E-176	Myeloid ce	NDUFB7
1404	IRF7	3.45E-180	0.714155	0.499	0.287	6.48E-176	Myeloid ce	IRF7
1405	PKN1	4.58E-180	0.330466	0.341	0.162	8.60E-176	Myeloid ce	PKN1
1406	BNIP3L	6.41E-179	0.383295	0.506	0.287	1.20E-174	Myeloid ce	BNIP3L
1407	RTL8C	1.05E-178	0.254203	0.258	0.107	1.97E-174	Myeloid ce	RTL8C
1408	UBB	1.21E-178	-0.51902	0.73	0.815	2.27E-174	Myeloid ce	UBB
1409	GLMP	3.17E-178	0.251361	0.206	0.078	5.96E-174	Myeloid ce	GLMP

1410	HSPE1	4.05E-178	-0.62954	0.366	0.512	7.61E-174	Myeloid ce HSPE1
1411	SSH2	1.32E-177	0.398499	0.458	0.248	2.47E-173	Myeloid ce SSH2
1412	PIM3	4.35E-177	0.381483	0.331	0.159	8.17E-173	Myeloid ce PIM3
1413	LSP1	1.64E-176	0.436174	0.907	0.806	3.09E-172	Myeloid ce LSP1
1414	CDC42	2.19E-176	0.395929	0.823	0.636	4.12E-172	Myeloid ce CDC42
1415	LINC02273	2.80E-176	-0.55131	0.015	0.165	5.26E-172	Myeloid ce LINC02273
1416	OGFR	2.82E-176	0.325449	0.334	0.158	5.30E-172	Myeloid ce OGFR
1417	GSR	1.38E-175	0.251596	0.152	0.05	2.59E-171	Myeloid ce GSR
1418	SYPL1	4.01E-175	-0.8035	0.226	0.383	7.53E-171	Myeloid ce SYPL1
1419	IKZF3	9.19E-175	-0.59967	0.023	0.175	1.73E-170	Myeloid ce IKZF3
1420	C11orf21	2.96E-174	0.267001	0.257	0.108	5.55E-170	Myeloid ce C11orf21
1421	ABHD14B	8.17E-174	-0.66512	0.192	0.358	1.54E-169	Myeloid ce ABHD14B
1422	CHI3L2	9.80E-174	-0.6355	0.021	0.173	1.84E-169	Myeloid ce CHI3L2
1423	RAB5C	2.29E-173	0.284663	0.321	0.15	4.30E-169	Myeloid ce RAB5C
1424	FAM96A	2.85E-173	0.356289	0.556	0.327	5.36E-169	Myeloid ce FAM96A
1425	TRIP12	1.01E-172	0.285827	0.237	0.098	1.90E-168	Myeloid ce TRIP12
1426	MPC1	1.74E-172	0.275102	0.351	0.168	3.26E-168	Myeloid ce MPC1
1427	SCNM1	3.49E-172	0.32341	0.396	0.203	6.56E-168	Myeloid ce SCNM1
1428	DRAP1	4.58E-172	0.497439	0.71	0.518	8.60E-168	Myeloid ce DRAP1
1429	AKR1A1	1.63E-170	0.363981	0.481	0.269	3.07E-166	Myeloid ce AKR1A1
1430	APRT	4.87E-170	-0.48646	0.68	0.756	9.15E-166	Myeloid ce APRT
1431	NORAD	7.17E-170	0.304925	0.296	0.136	1.35E-165	Myeloid ce NORAD
1432	H2AFZ	8.29E-170	0.402773	0.707	0.501	1.56E-165	Myeloid ce H2AFZ
1433	RPS2	1.08E-169	-0.56114	0.826	0.859	2.04E-165	Myeloid ce RPS2
1434	TM9SF2	1.24E-169	0.34707	0.416	0.22	2.33E-165	Myeloid ce TM9SF2
1435	PHPT1	1.43E-169	0.329548	0.448	0.241	2.69E-165	Myeloid ce PHPT1
1436	FCER2	1.49E-169	-1.03313	0.031	0.183	2.80E-165	Myeloid ce FCER2
1437	SUSD3	3.18E-169	-0.63236	0.084	0.25	5.98E-165	Myeloid ce SUSD3
1438	LARP1	3.53E-169	0.253442	0.194	0.073	6.63E-165	Myeloid ce LARP1
1439	CTDSP1	4.48E-169	0.296296	0.334	0.159	8.41E-165	Myeloid ce CTDSP1
1440	POLR2L	5.41E-169	0.423092	0.732	0.513	1.02E-164	Myeloid ce POLR2L
1441	MTMR14	5.65E-169	0.310366	0.412	0.213	1.06E-164	Myeloid ce MTMR14
1442	OPTN	1.12E-168	-0.59213	0.043	0.2	2.10E-164	Myeloid ce OPTN
1443	CUTA	1.58E-168	-0.58984	0.517	0.6	2.97E-164	Myeloid ce CUTA
1444	HMGB1	2.26E-168	-0.47965	0.783	0.818	4.25E-164	Myeloid ce HMGB1
1445	NDUFA2	4.08E-168	0.399701	0.642	0.407	7.67E-164	Myeloid ce NDUFA2
1446	RAB1A	1.51E-167	0.267548	0.266	0.117	2.84E-163	Myeloid ce RAB1A
1447	APOL6	2.68E-167	0.265118	0.21	0.083	5.03E-163	Myeloid ce APOL6
1448	CTDNBP1	2.87E-167	0.284858	0.208	0.083	5.40E-163	Myeloid ce CTDNBP1
1449	NMI	5.92E-167	0.329113	0.394	0.204	1.11E-162	Myeloid ce NMI
1450	CAB39	7.02E-167	0.261034	0.174	0.063	1.32E-162	Myeloid ce CAB39
1451	C6orf62	8.27E-167	0.291128	0.237	0.1	1.55E-162	Myeloid ce C6orf62
1452	ATIC	1.17E-166	-0.60469	0.106	0.27	2.20E-162	Myeloid ce ATIC
1453	RALGPS2	4.36E-166	-0.91282	0.068	0.229	8.18E-162	Myeloid ce RALGPS2
1454	CCT2	5.51E-166	-0.62645	0.256	0.408	1.03E-161	Myeloid ce CCT2
1455	CD74	6.98E-166	-0.59518	0.922	0.797	1.31E-161	Myeloid ce CD74
1456	GZMA	8.10E-166	-1.49154	0.012	0.153	1.52E-161	Myeloid ce GZMA

1457	MRPL23	3.81E-165	0.294932	0.296	0.138	7.15E-161	Myeloid ce MRPL23
1458	MCUB	3.93E-164	-0.64466	0.412	0.528	7.38E-160	Myeloid ce MCUB
1459	GMIP	4.45E-164	0.27765	0.285	0.13	8.35E-160	Myeloid ce GMIP
1460	SH2D2A	4.80E-164	-0.68714	0.014	0.155	9.02E-160	Myeloid ce SH2D2A
1461	CDV3	6.38E-164	0.281135	0.239	0.102	1.20E-159	Myeloid ce CDV3
1462	SYNE2	8.73E-164	-0.60218	0.039	0.193	1.64E-159	Myeloid ce SYNE2
1463	RPS10	1.07E-163	-0.61077	0.594	0.678	2.00E-159	Myeloid ce RPS10
1464	COX6A1	1.13E-163	0.349698	0.871	0.757	2.12E-159	Myeloid ce COX6A1
1465	TESPA1	1.76E-162	-0.53601	0.026	0.171	3.31E-158	Myeloid ce TESPA1
1466	PPP3CC	6.37E-162	-0.63057	0.094	0.255	1.20E-157	Myeloid ce PPP3CC
1467	EIF4B	1.11E-161	-0.59471	0.486	0.588	2.09E-157	Myeloid ce EIF4B
1468	CHMP5	1.97E-161	0.296805	0.398	0.207	3.69E-157	Myeloid ce CHMP5
1469	AZI2	6.95E-161	0.258312	0.226	0.094	1.30E-156	Myeloid ce AZI2
1470	MGAT4A	8.12E-161	-0.63645	0.108	0.273	1.53E-156	Myeloid ce MGAT4A
1471	TLE4	1.10E-160	0.257477	0.208	0.084	2.06E-156	Myeloid ce TLE4
1472	BAZ1A	4.79E-160	0.377789	0.422	0.229	9.00E-156	Myeloid ce BAZ1A
1473	LINC01550	1.04E-159	-0.52926	0.017	0.156	1.96E-155	Myeloid ce LINC01550
1474	PSMA4	1.16E-159	0.364889	0.519	0.307	2.18E-155	Myeloid ce PSMA4
1475	CCT7	1.49E-159	-0.60694	0.349	0.478	2.79E-155	Myeloid ce CCT7
1476	COA3	9.29E-159	0.287558	0.43	0.23	1.75E-154	Myeloid ce COA3
1477	ADH5	1.90E-158	-0.61647	0.205	0.359	3.58E-154	Myeloid ce ADH5
1478	PHF21A	1.95E-158	0.26249	0.182	0.069	3.66E-154	Myeloid ce PHF21A
1479	TUBB	2.79E-157	-0.58168	0.458	0.597	5.24E-153	Myeloid ce TUBB
1480	OTULINL	3.61E-157	0.259733	0.232	0.098	6.78E-153	Myeloid ce OTULINL
1481	PSMB6	4.22E-157	0.375114	0.661	0.442	7.93E-153	Myeloid ce PSMB6
1482	SKP1	1.03E-156	-0.42789	0.744	0.808	1.94E-152	Myeloid ce SKP1
1483	FKBP11	1.34E-156	-0.63356	0.044	0.192	2.51E-152	Myeloid ce FKBP11
1484	GLTP	2.12E-156	0.256169	0.289	0.134	3.99E-152	Myeloid ce GLTP
1485	ATP5MC2	2.37E-156	0.315597	0.938	0.945	4.45E-152	Myeloid ce ATP5MC2
1486	KMT2C	3.61E-156	0.305474	0.285	0.134	6.78E-152	Myeloid ce KMT2C
1487	TPD52L2	3.74E-156	0.291403	0.275	0.127	7.03E-152	Myeloid ce TPD52L2
1488	MAP4K4	1.53E-155	0.267149	0.185	0.072	2.87E-151	Myeloid ce MAP4K4
1489	HIF1A	7.18E-155	0.40928	0.405	0.221	1.35E-150	Myeloid ce HIF1A
1490	ADAR	6.46E-154	0.374605	0.419	0.231	1.21E-149	Myeloid ce ADAR
1491	RCAN3	1.22E-153	-0.61492	0.08	0.234	2.30E-149	Myeloid ce RCAN3
1492	NEDD8	2.11E-153	0.349829	0.703	0.47	3.97E-149	Myeloid ce NEDD8
1493	PET100	3.27E-153	0.400201	0.66	0.437	6.14E-149	Myeloid ce PET100
1494	SF1	5.75E-153	-0.56749	0.511	0.601	1.08E-148	Myeloid ce SF1
1495	DCK	7.72E-153	-0.64521	0.181	0.334	1.45E-148	Myeloid ce DCK
1496	BLK	9.92E-153	-0.6632	0.018	0.152	1.86E-148	Myeloid ce BLK
1497	IMP3	2.27E-152	-0.59221	0.371	0.49	4.26E-148	Myeloid ce IMP3
1498	SELENOS	6.40E-152	0.2788	0.324	0.158	1.20E-147	Myeloid ce SELENOS
1499	EPB41	7.36E-152	-0.62062	0.147	0.308	1.38E-147	Myeloid ce EPB41
1500	TRAPPC1	2.12E-151	0.35859	0.788	0.587	3.99E-147	Myeloid ce TRAPPC1
1501	HDAC1	5.26E-151	-0.62694	0.315	0.443	9.87E-147	Myeloid ce HDAC1
1502	CBR1	9.17E-151	0.251348	0.313	0.152	1.72E-146	Myeloid ce CBR1
1503	AURKAIP1	1.00E-150	0.345448	0.632	0.397	1.89E-146	Myeloid ce AURKAIP1

1504	THEM4	3.34E-150	-0.51921	0.04	0.183	6.27E-146	Myeloid ce THEM4
1505	DIAPH1	4.78E-149	0.259763	0.282	0.132	8.98E-145	Myeloid ce DIAPH1
1506	CTBS	8.78E-149	0.282219	0.296	0.143	1.65E-144	Myeloid ce CTBS
1507	EIF3H	1.04E-148	-0.45917	0.712	0.759	1.95E-144	Myeloid ce EIF3H
1508	SMS	1.04E-148	0.255627	0.324	0.159	1.95E-144	Myeloid ce SMS
1509	SH2D1A	1.10E-148	-0.50477	0.015	0.145	2.06E-144	Myeloid ce SH2D1A
1510	MOB3A	3.17E-148	0.271275	0.313	0.152	5.95E-144	Myeloid ce MOB3A
1511	PSMB4	9.09E-148	0.287045	0.314	0.156	1.71E-143	Myeloid ce PSMB4
1512	RABGAP1L	2.44E-147	0.344504	0.303	0.151	4.59E-143	Myeloid ce RABGAP1L
1513	TWF2	2.48E-146	0.371589	0.622	0.411	4.66E-142	Myeloid ce TWF2
1514	SLC38A10	3.67E-146	0.262522	0.252	0.115	6.89E-142	Myeloid ce SLC38A10
1515	FAM129C	2.33E-145	-0.81413	0.047	0.191	4.39E-141	Myeloid ce FAM129C
1516	GNAS	3.75E-145	0.333408	0.534	0.322	7.04E-141	Myeloid ce GNAS
1517	NDUFS7	5.24E-145	0.357379	0.651	0.439	9.84E-141	Myeloid ce NDUFS7
1518	BUD31	5.52E-145	0.291083	0.473	0.268	1.04E-140	Myeloid ce BUD31
1519	MTSS1	1.30E-144	0.331896	0.278	0.133	2.45E-140	Myeloid ce MTSS1
1520	RPS6KA1	2.72E-144	0.280328	0.403	0.217	5.12E-140	Myeloid ce RPS6KA1
1521	PTRHD1	5.77E-144	0.327831	0.428	0.241	1.08E-139	Myeloid ce PTRHD1
1522	MRPL41	6.05E-144	0.316534	0.557	0.339	1.14E-139	Myeloid ce MRPL41
1523	THEMIS	8.27E-144	-0.46597	0.014	0.14	1.55E-139	Myeloid ce THEMIS
1524	SYNGR2	1.98E-143	0.334145	0.692	0.492	3.72E-139	Myeloid ce SYNGR2
1525	IL10RA	2.95E-143	0.266935	0.431	0.236	5.54E-139	Myeloid ce IL10RA
1526	LINC02446	1.00E-142	-1.07283	0.019	0.147	1.89E-138	Myeloid ce LINC02446
1527	CD72	1.12E-142	-0.86505	0.037	0.171	2.11E-138	Myeloid ce CD72
1528	COPA	1.89E-142	0.266066	0.282	0.136	3.55E-138	Myeloid ce COPA
1529	MVP	3.97E-142	0.311716	0.495	0.293	7.45E-138	Myeloid ce MVP
1530	RNF213	9.37E-142	0.398503	0.586	0.373	1.76E-137	Myeloid ce RNF213
1531	BCAS4	1.70E-141	-0.49054	0.021	0.149	3.19E-137	Myeloid ce BCAS4
1532	BOD1L1	1.91E-141	0.286188	0.216	0.094	3.58E-137	Myeloid ce BOD1L1
1533	MINOS1	1.93E-141	0.343696	0.581	0.365	3.63E-137	Myeloid ce MINOS1
1534	ANAPC15	4.44E-141	0.297017	0.333	0.172	8.34E-137	Myeloid ce ANAPC15
1535	INPP4B	6.04E-141	-0.49587	0.019	0.145	1.13E-136	Myeloid ce INPP4B
1536	EPSTI1	6.19E-141	0.286959	0.258	0.121	1.16E-136	Myeloid ce EPSTI1
1537	EIF4EBP2	6.39E-141	0.268909	0.293	0.143	1.20E-136	Myeloid ce EIF4EBP2
1538	UBASH3A	7.85E-141	-0.44085	0.014	0.138	1.47E-136	Myeloid ce UBASH3A
1539	FAM102A	1.31E-140	-0.47028	0.022	0.15	2.45E-136	Myeloid ce FAM102A
1540	LRRN3	1.53E-140	-0.57392	0.015	0.139	2.87E-136	Myeloid ce LRRN3
1541	RSL1D1	3.23E-140	-0.56359	0.475	0.565	6.06E-136	Myeloid ce RSL1D1
1542	DDX24	8.02E-140	-0.59592	0.325	0.456	1.51E-135	Myeloid ce DDX24
1543	RHOF	1.03E-139	-0.61895	0.184	0.329	1.93E-135	Myeloid ce RHOF
1544	CCDC69	2.66E-139	0.282806	0.34	0.177	5.00E-135	Myeloid ce CCDC69
1545	NPTN	4.25E-139	0.259744	0.349	0.181	7.98E-135	Myeloid ce NPTN
1546	PTPN6	6.79E-139	0.298866	0.783	0.582	1.28E-134	Myeloid ce PTPN6
1547	C12orf75	7.64E-139	-0.54967	0.069	0.218	1.44E-134	Myeloid ce C12orf75
1548	DNM2	7.98E-139	0.261401	0.217	0.096	1.50E-134	Myeloid ce DNM2
1549	HCFC1R1	1.37E-138	0.279842	0.345	0.181	2.57E-134	Myeloid ce HCFC1R1
1550	SFXN1	1.46E-138	-0.47858	0.044	0.179	2.74E-134	Myeloid ce SFXN1

1551	ZNF428	2.97E-138	-0.58652	0.196	0.343	5.58E-134	Myeloid ce ZNF428
1552	EIF4A1	3.23E-138	0.302289	0.359	0.193	6.07E-134	Myeloid ce EIF4A1
1553	MRFAP1L1	3.76E-138	-0.58855	0.152	0.298	7.07E-134	Myeloid ce MRFAP1L1
1554	VPS35	5.32E-138	0.313326	0.457	0.265	1.00E-133	Myeloid ce VPS35
1555	AC008555.5	7.61E-138	-0.44965	0.017	0.14	1.43E-133	Myeloid ce AC008555.5
1556	TRIB2	7.80E-138	-0.45647	0.019	0.144	1.46E-133	Myeloid ce TRIB2
1557	ROCK1	1.53E-137	0.318759	0.403	0.225	2.87E-133	Myeloid ce ROCK1
1558	SRP9	2.14E-136	-0.51754	0.517	0.598	4.01E-132	Myeloid ce SRP9
1559	EIF3D	1.17E-135	-0.53282	0.482	0.569	2.20E-131	Myeloid ce EIF3D
1560	PELI1	1.43E-135	0.300931	0.182	0.076	2.69E-131	Myeloid ce PELI1
1561	CDCA7L	6.00E-135	-0.56137	0.045	0.178	1.13E-130	Myeloid ce CDCA7L
1562	RNF7	1.11E-134	0.331789	0.598	0.386	2.08E-130	Myeloid ce RNF7
1563	PAG1	1.11E-134	0.279507	0.238	0.11	2.08E-130	Myeloid ce PAG1
1564	MATK	1.15E-134	-0.58847	0.012	0.13	2.16E-130	Myeloid ce MATK
1565	KLRB1	1.33E-134	-1.21219	0.014	0.133	2.51E-130	Myeloid ce KLRB1
1566	CD320	1.84E-134	-0.44503	0.023	0.147	3.45E-130	Myeloid ce CD320
1567	NELL2	9.90E-134	-0.49731	0.012	0.13	1.86E-129	Myeloid ce NELL2
1568	SLC25A38	1.12E-133	-0.48392	0.049	0.183	2.10E-129	Myeloid ce SLC25A38
1569	HNRNPA2B1	2.17E-133	-0.36321	0.856	0.886	4.08E-129	Myeloid ce HNRNPA2B1
1570	STAT4	2.19E-133	-0.47342	0.015	0.133	4.12E-129	Myeloid ce STAT4
1571	AC119396.1	3.87E-133	-0.60807	0.132	0.275	7.27E-129	Myeloid ce AC119396.1
1572	NCR3	5.98E-133	-0.54721	0.013	0.131	1.12E-128	Myeloid ce NCR3
1573	GBP1	6.84E-133	0.356401	0.242	0.114	1.29E-128	Myeloid ce GBP1
1574	TIMM17B	9.68E-133	0.285809	0.456	0.261	1.82E-128	Myeloid ce TIMM17B
1575	NDUFC2	1.35E-132	0.262422	0.359	0.191	2.54E-128	Myeloid ce NDUFC2
1576	HSD17B11	1.60E-132	0.314586	0.523	0.318	3.01E-128	Myeloid ce HSD17B11
1577	PNRC1	1.97E-132	-0.59331	0.528	0.608	3.71E-128	Myeloid ce PNRC1
1578	SH3BGRL	4.67E-132	0.39114	0.701	0.536	8.77E-128	Myeloid ce SH3BGRL
1579	APBB1	2.00E-131	-0.45167	0.02	0.141	3.75E-127	Myeloid ce APBB1
1580	CALR	2.69E-131	-0.61326	0.515	0.615	5.06E-127	Myeloid ce CALR
1581	THOC3	3.39E-131	-0.58268	0.139	0.279	6.37E-127	Myeloid ce THOC3
1582	NRDC	6.14E-131	0.288693	0.351	0.189	1.15E-126	Myeloid ce NRDC
1583	ORMDL3	9.81E-131	-0.47227	0.039	0.167	1.84E-126	Myeloid ce ORMDL3
1584	C12orf65	1.03E-130	-0.50496	0.064	0.198	1.93E-126	Myeloid ce C12orf65
1585	RCN2	1.15E-130	-0.57816	0.153	0.292	2.16E-126	Myeloid ce RCN2
1586	BNIP2	1.19E-130	0.308965	0.463	0.272	2.23E-126	Myeloid ce BNIP2
1587	FYB1	1.35E-130	0.272867	0.818	0.539	2.54E-126	Myeloid ce FYB1
1588	MIEN1	2.46E-130	0.270743	0.553	0.337	4.61E-126	Myeloid ce MIEN1
1589	TOP1	8.72E-130	0.26442	0.365	0.197	1.64E-125	Myeloid ce TOP1
1590	IGHV5-78	4.86E-129	-0.65525	0.016	0.132	9.13E-125	Myeloid ce IGHV5-78
1591	C4orf3	6.28E-129	0.401716	0.754	0.552	1.18E-124	Myeloid ce C4orf3
1592	CD40LG	1.04E-128	-0.50603	0.012	0.125	1.95E-124	Myeloid ce CD40LG
1593	CD79B	3.80E-128	-1.25171	0.196	0.324	7.15E-124	Myeloid ce CD79B
1594	TRAF5	4.65E-128	-0.47627	0.031	0.154	8.74E-124	Myeloid ce TRAF5
1595	GATA3	1.52E-127	-0.43361	0.013	0.127	2.86E-123	Myeloid ce GATA3
1596	LAMTOR5	1.88E-127	0.314052	0.582	0.372	3.54E-123	Myeloid ce LAMTOR5
1597	CCND2	3.33E-127	-0.47925	0.032	0.156	6.26E-123	Myeloid ce CCND2

1598	DDX3X	1.77E-126	0.263822	0.304	0.157	3.32E-122	Myeloid ce DDX3X
1599	TMEM154	1.91E-126	0.272803	0.28	0.14	3.59E-122	Myeloid ce TMEM154
1600	PPP4C	5.03E-126	0.316331	0.611	0.399	9.45E-122	Myeloid ce PPP4C
1601	ARID5B	5.53E-126	-0.62287	0.105	0.243	1.04E-121	Myeloid ce ARID5B
1602	PLPP5	1.06E-125	-0.89009	0.093	0.228	1.99E-121	Myeloid ce PLPP5
1603	CAMTA1	1.52E-125	0.259791	0.322	0.17	2.86E-121	Myeloid ce CAMTA1
1604	TNFRSF25	3.60E-125	-0.43707	0.021	0.137	6.76E-121	Myeloid ce TNFRSF25
1605	BEX4	7.61E-125	-0.54948	0.122	0.258	1.43E-120	Myeloid ce BEX4
1606	MKNK2	1.06E-124	0.282778	0.252	0.124	1.99E-120	Myeloid ce MKNK2
1607	UQCR10	2.67E-124	0.324204	0.84	0.709	5.02E-120	Myeloid ce UQCR10
1608	PLD3	4.57E-124	0.298957	0.351	0.193	8.59E-120	Myeloid ce PLD3
1609	BEX2	5.12E-124	-0.41589	0.016	0.129	9.62E-120	Myeloid ce BEX2
1610	HOPX	6.51E-124	-0.96901	0.013	0.123	1.22E-119	Myeloid ce HOPX
1611	XPO6	7.03E-124	0.276526	0.16	0.065	1.32E-119	Myeloid ce XPO6
1612	TMEM179B	1.63E-123	0.282266	0.549	0.341	3.06E-119	Myeloid ce TMEM179B
1613	DBNL	3.32E-123	0.302994	0.564	0.359	6.23E-119	Myeloid ce DBNL
1614	TPD52	4.28E-123	-0.46713	0.017	0.129	8.05E-119	Myeloid ce TPD52
1615	MRPL52	4.80E-123	0.30581	0.601	0.386	9.01E-119	Myeloid ce MRPL52
1616	VAMP2	6.89E-123	-0.5828	0.292	0.418	1.30E-118	Myeloid ce VAMP2
1617	GIMAP5	1.29E-122	-0.50959	0.046	0.169	2.42E-118	Myeloid ce GIMAP5
1618	ZNF22	1.46E-122	-0.55984	0.164	0.299	2.75E-118	Myeloid ce ZNF22
1619	NSA2	1.51E-122	-0.55219	0.438	0.534	2.83E-118	Myeloid ce NSA2
1620	OSTF1	2.86E-122	0.29843	0.637	0.435	5.37E-118	Myeloid ce OSTF1
1621	P2RY8	3.68E-122	-0.52925	0.084	0.218	6.91E-118	Myeloid ce P2RY8
1622	RBMS1	6.96E-122	0.267284	0.314	0.165	1.31E-117	Myeloid ce RBMS1
1623	ARHGAP3C	1.00E-121	0.291614	0.483	0.292	1.88E-117	Myeloid ce ARHGAP3C
1624	DYNC1H1	1.32E-121	0.252242	0.317	0.167	2.49E-117	Myeloid ce DYNC1H1
1625	RPA2	1.09E-120	-0.56741	0.179	0.31	2.04E-116	Myeloid ce RPA2
1626	SRI	1.44E-120	0.341417	0.552	0.364	2.70E-116	Myeloid ce SRI
1627	P2RY10	2.19E-120	-0.43099	0.017	0.127	4.12E-116	Myeloid ce P2RY10
1628	PDLIM1	4.11E-120	-0.69528	0.07	0.198	7.72E-116	Myeloid ce PDLIM1
1629	IGSF8	4.41E-120	-0.47505	0.063	0.19	8.28E-116	Myeloid ce IGSF8
1630	EPHX2	7.67E-120	-0.41187	0.012	0.119	1.44E-115	Myeloid ce EPHX2
1631	PHB2	4.78E-119	-0.50522	0.503	0.579	8.98E-115	Myeloid ce PHB2
1632	PPIA	1.80E-118	-0.30078	0.889	0.957	3.38E-114	Myeloid ce PPIA
1633	CHMP7	2.91E-118	-0.57065	0.122	0.254	5.47E-114	Myeloid ce CHMP7
1634	TMEM156	7.29E-118	-0.42979	0.02	0.13	1.37E-113	Myeloid ce TMEM156
1635	SLFN5	7.70E-118	-0.60221	0.138	0.272	1.45E-113	Myeloid ce SLFN5
1636	PARP1	2.68E-117	-0.60136	0.237	0.359	5.04E-113	Myeloid ce PARP1
1637	CD24	8.28E-117	-0.63552	0.021	0.13	1.56E-112	Myeloid ce CD24
1638	ATP5MG	8.91E-117	0.252637	0.955	0.915	1.67E-112	Myeloid ce ATP5MG
1639	FGFBP2	1.18E-116	-1.42758	0.009	0.111	2.22E-112	Myeloid ce FGFBP2
1640	UBA2	3.16E-116	-0.53972	0.207	0.332	5.93E-112	Myeloid ce UBA2
1641	APP	4.35E-116	0.285829	0.198	0.09	8.18E-112	Myeloid ce APP
1642	FCRL1	4.78E-116	-0.56522	0.02	0.129	8.97E-112	Myeloid ce FCRL1
1643	PSME2	9.49E-116	0.510165	0.744	0.638	1.78E-111	Myeloid ce PSME2
1644	HLA-DOB	1.24E-115	-0.59174	0.025	0.136	2.34E-111	Myeloid ce HLA-DOB

1645	KLRD1	1.48E-115	-0.86194	0.008	0.109	2.79E-111	Myeloid ce KLRD1
1646	PPP1R2	5.09E-115	-0.56542	0.325	0.433	9.55E-111	Myeloid ce PPP1R2
1647	DNAJC15	8.27E-115	0.276854	0.511	0.315	1.55E-110	Myeloid ce DNAJC15
1648	ATM	1.78E-114	-0.58164	0.235	0.363	3.35E-110	Myeloid ce ATM
1649	MRPL33	2.41E-114	0.28588	0.508	0.32	4.53E-110	Myeloid ce MRPL33
1650	HSPD1	4.47E-114	-0.57005	0.363	0.463	8.40E-110	Myeloid ce HSPD1
1651	SDR39U1	5.53E-114	-0.55907	0.213	0.339	1.04E-109	Myeloid ce SDR39U1
1652	MZT2A	1.73E-113	-0.53068	0.158	0.293	3.26E-109	Myeloid ce MZT2A
1653	GRAP2	2.73E-113	-0.44519	0.039	0.156	5.13E-109	Myeloid ce GRAP2
1654	IGHD	3.13E-113	-0.69977	0.03	0.141	5.88E-109	Myeloid ce IGH
1655	EIF3A	4.94E-113	0.279785	0.419	0.246	9.27E-109	Myeloid ce EIF3A
1656	FUS	7.51E-113	-0.5258	0.442	0.529	1.41E-108	Myeloid ce FUS
1657	GZMH	2.22E-112	-1.43858	0.011	0.111	4.17E-108	Myeloid ce GZMH
1658	PASK	4.19E-112	-0.50046	0.023	0.131	7.88E-108	Myeloid ce PASK
1659	CYTIP	4.30E-112	-0.5204	0.407	0.516	8.08E-108	Myeloid ce CYTIP
1660	ITGA6	8.23E-112	-0.41087	0.023	0.131	1.55E-107	Myeloid ce ITGA6
1661	CYFIP2	9.64E-112	-0.54607	0.215	0.342	1.81E-107	Myeloid ce CYFIP2
1662	RPL38	1.40E-110	-0.3963	0.792	0.817	2.64E-106	Myeloid ce RPL38
1663	ISG15	2.33E-110	0.478403	0.438	0.276	4.37E-106	Myeloid ce ISG15
1664	CD28	3.27E-110	-0.38123	0.015	0.117	6.14E-106	Myeloid ce CD28
1665	UXT	1.13E-109	-0.44486	0.628	0.661	2.12E-105	Myeloid ce UXT
1666	SLAMF6	1.68E-109	-0.37677	0.011	0.109	3.15E-105	Myeloid ce SLAMF6
1667	PRKCQ	3.23E-109	-0.35959	0.012	0.112	6.06E-105	Myeloid ce PRKCQ
1668	AKR1B1	3.62E-109	-0.49721	0.124	0.251	6.80E-105	Myeloid ce AKR1B1
1669	XBP1	3.69E-109	-0.80055	0.268	0.378	6.92E-105	Myeloid ce XBP1
1670	HLA-DPA1	6.74E-109	0.253041	0.659	0.436	1.27E-104	Myeloid ce HLA-DPA1
1671	LIMS2	8.46E-109	-0.40581	0.013	0.112	1.59E-104	Myeloid ce LIMS2
1672	PLCG1	8.89E-109	-0.36581	0.014	0.114	1.67E-104	Myeloid ce PLCG1
1673	PIM1	2.36E-108	-0.66972	0.314	0.435	4.44E-104	Myeloid ce PIM1
1674	RORA	5.40E-108	-0.39192	0.014	0.113	1.02E-103	Myeloid ce RORA
1675	UCP2	7.13E-108	-0.39687	0.696	0.79	1.34E-103	Myeloid ce UCP2
1676	TMEM50A	9.69E-108	0.292386	0.652	0.461	1.82E-103	Myeloid ce TMEM50A
1677	TNIK	1.57E-107	-0.39031	0.023	0.128	2.95E-103	Myeloid ce TNIK
1678	CD22	1.74E-107	-0.5418	0.02	0.122	3.27E-103	Myeloid ce CD22
1679	ARHGEF1	2.16E-106	-0.52138	0.504	0.562	4.05E-102	Myeloid ce ARHGEF1
1680	BNIP3	2.25E-106	-0.44804	0.068	0.185	4.22E-102	Myeloid ce BNIP3
1681	MAP4K1	2.91E-106	-0.46043	0.079	0.2	5.46E-102	Myeloid ce MAP4K1
1682	GADD45B	4.07E-106	0.280916	0.29	0.155	7.65E-102	Myeloid ce GADD45B
1683	C1orf43	7.00E-106	0.263866	0.513	0.325	1.31E-101	Myeloid ce C1orf43
1684	TMPO	1.81E-105	0.259195	0.358	0.205	3.40E-101	Myeloid ce TMPO
1685	SNHG7	7.98E-105	-0.61086	0.159	0.285	1.50E-100	Myeloid ce SNHG7
1686	CD52	1.33E-104	-0.41794	0.743	0.836	2.50E-100	Myeloid ce CD52
1687	PLEKHF1	3.45E-104	-0.4161	0.009	0.101	6.49E-100	Myeloid ce PLEKHF1
1688	NFATC2	5.74E-104	-0.39605	0.018	0.116	1.08E-99	Myeloid ce NFATC2
1689	DDIT4	7.19E-104	-0.57882	0.07	0.188	1.35E-99	Myeloid ce DDIT4
1690	TMC8	1.58E-103	-0.53249	0.167	0.292	2.96E-99	Myeloid ce TMC8
1691	KIF2A	3.66E-103	-0.5266	0.201	0.324	6.87E-99	Myeloid ce KIF2A

1692	CBLB	3.92E-103	-0.44071	0.049	0.159	7.36E-99	Myeloid ce CBLB
1693	ZCCHC7	5.87E-103	-0.54382	0.112	0.233	1.10E-98	Myeloid ce ZCCHC7
1694	CANX	7.00E-103	0.266948	0.455	0.279	1.32E-98	Myeloid ce CANX
1695	CISH	8.23E-103	-0.89343	0.099	0.214	1.55E-98	Myeloid ce CISH
1696	NOP58	9.75E-103	-0.49952	0.166	0.287	1.83E-98	Myeloid ce NOP58
1697	TSEN54	1.13E-102	-0.49647	0.067	0.18	2.12E-98	Myeloid ce TSEN54
1698	NAE1	1.21E-102	-0.44025	0.073	0.189	2.26E-98	Myeloid ce NAE1
1699	YWHAZ	1.35E-102	-0.37887	0.79	0.806	2.54E-98	Myeloid ce YWHAZ
1700	KCNA3	2.89E-102	-0.34862	0.019	0.117	5.42E-98	Myeloid ce KCNA3
1701	MLLT3	4.53E-102	-0.38144	0.023	0.122	8.52E-98	Myeloid ce MLLT3
1702	POU2AF1	5.66E-102	-0.42069	0.012	0.106	1.06E-97	Myeloid ce POU2AF1
1703	PGS1	1.86E-101	0.469874	0.247	0.132	3.50E-97	Myeloid ce PGS1
1704	HCLS1	4.82E-101	0.308321	0.794	0.649	9.05E-97	Myeloid ce HCLS1
1705	SF3B5	2.08E-100	0.292483	0.633	0.439	3.91E-96	Myeloid ce SF3B5
1706	PTPN4	3.62E-100	-0.4408	0.046	0.154	6.80E-96	Myeloid ce PTPN4
1707	NDUFS5	5.38E-100	0.313093	0.704	0.53	1.01E-95	Myeloid ce NDUFS5
1708	FKBP5	7.42E-100	0.261619	0.25	0.132	1.39E-95	Myeloid ce FKBP5
1709	SEC61G	1.19E-99	0.266344	0.694	0.491	2.24E-95	Myeloid ce SEC61G
1710	IFI16	2.33E-99	0.252403	0.461	0.288	4.38E-95	Myeloid ce IFI16
1711	GRAP	5.45E-99	-0.3618	0.021	0.117	1.02E-94	Myeloid ce GRAP
1712	CHRM3-AS	1.45E-98	-0.36139	0.012	0.104	2.72E-94	Myeloid ce CHRM3-AS2
1713	SYTL1	1.48E-98	-0.50697	0.339	0.45	2.78E-94	Myeloid ce SYTL1
1714	EPC1	1.96E-98	-0.50586	0.347	0.447	3.67E-94	Myeloid ce EPC1
1715	CCL4	2.21E-98	-1.13611	0.02	0.115	4.15E-94	Myeloid ce CCL4
1716	PPM1K	2.01E-97	-0.49077	0.093	0.209	3.78E-93	Myeloid ce PPM1K
1717	BCL11B	5.43E-97	-0.37719	0.022	0.118	1.02E-92	Myeloid ce BCL11B
1718	SRRM2	6.00E-97	0.272312	0.471	0.299	1.13E-92	Myeloid ce SRRM2
1719	EIF3G	6.60E-97	-0.3608	0.733	0.768	1.24E-92	Myeloid ce EIF3G
1720	MCM3	1.19E-96	-0.42408	0.062	0.171	2.24E-92	Myeloid ce MCM3
1721	ATP5MD	1.67E-96	0.310585	0.755	0.595	3.14E-92	Myeloid ce ATP5MD
1722	BTLA	2.20E-96	-0.40249	0.014	0.105	4.13E-92	Myeloid ce BTLA
1723	KLF12	1.42E-95	-0.37498	0.027	0.124	2.66E-91	Myeloid ce KLF12
1724	SERBP1	2.01E-95	-0.43846	0.535	0.586	3.77E-91	Myeloid ce SERBP1
1725	RAB7A	2.42E-95	0.279383	0.595	0.413	4.55E-91	Myeloid ce RAB7A
1726	NDUFA6	1.60E-94	0.276544	0.555	0.375	3.01E-90	Myeloid ce NDUFA6
1727	ANP32B	2.20E-94	-0.41071	0.624	0.655	4.13E-90	Myeloid ce ANP32B
1728	SHMT2	5.92E-94	-0.59638	0.204	0.308	1.11E-89	Myeloid ce SHMT2
1729	BEX3	1.08E-93	-0.45911	0.08	0.195	2.03E-89	Myeloid ce BEX3
1730	HNRNPR	2.79E-93	-0.50082	0.339	0.428	5.23E-89	Myeloid ce HNRNPR
1731	COPS9	5.72E-93	0.254916	0.556	0.366	1.07E-88	Myeloid ce COPS9
1732	TRAPPC6A	1.31E-92	-0.50657	0.186	0.297	2.46E-88	Myeloid ce TRAPPC6A
1733	G3BP1	1.66E-92	-0.52586	0.206	0.315	3.12E-88	Myeloid ce G3BP1
1734	USP11	2.06E-92	-0.43874	0.075	0.182	3.88E-88	Myeloid ce USP11
1735	ILF2	4.20E-92	-0.47899	0.376	0.452	7.89E-88	Myeloid ce ILF2
1736	ACP1	6.00E-92	-0.48672	0.331	0.42	1.13E-87	Myeloid ce ACP1
1737	NDUFB2	8.51E-92	0.28483	0.759	0.625	1.60E-87	Myeloid ce NDUFB2
1738	PARP15	8.65E-92	-0.40563	0.029	0.123	1.63E-87	Myeloid ce PARP15

1739	DEF6	1.07E-91	-0.50037	0.245	0.354	2.00E-87	Myeloid ce DEF6
1740	FAM30A	1.10E-91	-0.54607	0.016	0.104	2.06E-87	Myeloid ce FAM30A
1741	KRT10	1.20E-91	-0.49399	0.292	0.395	2.25E-87	Myeloid ce KRT10
1742	GNLY	2.94E-91	-2.91712	0.022	0.111	5.51E-87	Myeloid ce GNLY
1743	ISYNA1	3.86E-91	-0.34158	0.017	0.105	7.25E-87	Myeloid ce ISYNA1
1744	REXO2	5.59E-91	-0.49901	0.14	0.252	1.05E-86	Myeloid ce REXO2
1745	TMEM123	7.60E-91	-0.53308	0.393	0.469	1.43E-86	Myeloid ce TMEM123
1746	CENPK	1.60E-90	-0.32774	0.019	0.108	3.00E-86	Myeloid ce CENPK
1747	NLRC3	2.34E-90	-0.31824	0.014	0.1	4.40E-86	Myeloid ce NLRC3
1748	PBXIP1	3.81E-90	-0.46001	0.104	0.217	7.15E-86	Myeloid ce PBXIP1
1749	BCL2	6.37E-90	-0.35516	0.024	0.115	1.20E-85	Myeloid ce BCL2
1750	RASAL3	7.24E-90	-0.51151	0.161	0.273	1.36E-85	Myeloid ce RASAL3
1751	AC073111.	7.77E-90	-0.34869	0.024	0.115	1.46E-85	Myeloid ce AC073111.5
1752	BTG2	9.26E-90	0.426776	0.416	0.267	1.74E-85	Myeloid ce BTG2
1753	AP002387.	9.39E-90	-0.34687	0.029	0.123	1.76E-85	Myeloid ce AP002387.2
1754	PXN	1.34E-89	0.284541	0.273	0.155	2.52E-85	Myeloid ce PXN
1755	GPX7	1.71E-89	-0.34213	0.034	0.13	3.21E-85	Myeloid ce GPX7
1756	RPL7	2.57E-89	-0.28672	0.852	0.869	4.83E-85	Myeloid ce RPL7
1757	ESYT1	5.37E-89	-0.45771	0.114	0.224	1.01E-84	Myeloid ce ESYT1
1758	TMEM263	6.39E-89	-0.31767	0.021	0.109	1.20E-84	Myeloid ce TMEM263
1759	Sep-09	6.79E-89	-0.4208	0.512	0.592	1.28E-84	Myeloid ce Sep-09
1760	ZFP36L2	2.26E-88	-0.50019	0.576	0.636	4.24E-84	Myeloid ce ZFP36L2
1761	GCC2	5.17E-88	-0.50867	0.189	0.299	9.70E-84	Myeloid ce GCC2
1762	EEF1G	5.56E-88	-0.49137	0.115	0.223	1.04E-83	Myeloid ce EEF1G
1763	NAP1L4	8.39E-88	-0.47943	0.173	0.283	1.58E-83	Myeloid ce NAP1L4
1764	ATF7IP2	1.33E-87	-0.37845	0.044	0.141	2.49E-83	Myeloid ce ATF7IP2
1765	ABTB1	7.42E-86	0.330707	0.387	0.241	1.39E-81	Myeloid ce ABTB1
1766	SPON2	1.15E-85	-1.04975	0.022	0.107	2.16E-81	Myeloid ce SPON2
1767	EIF2S3	1.17E-85	-0.48758	0.387	0.464	2.20E-81	Myeloid ce EIF2S3
1768	JAK1	1.50E-85	-0.44968	0.621	0.643	2.81E-81	Myeloid ce JAK1
1769	BLNK	1.61E-85	-0.46357	0.036	0.129	3.03E-81	Myeloid ce BLNK
1770	RNPS1	5.36E-85	-0.4634	0.384	0.457	1.01E-80	Myeloid ce RNPS1
1771	LAPTM4A	7.66E-85	0.25561	0.526	0.356	1.44E-80	Myeloid ce LAPTM4A
1772	AFF3	8.59E-85	-0.46692	0.035	0.127	1.61E-80	Myeloid ce AFF3
1773	RBBP7	1.22E-84	-0.48465	0.191	0.293	2.30E-80	Myeloid ce RBBP7
1774	TXNIP	2.05E-84	-0.35699	0.725	0.776	3.85E-80	Myeloid ce TXNIP
1775	RPS27L	3.93E-84	0.330171	0.568	0.397	7.38E-80	Myeloid ce RPS27L
1776	RSL24D1	1.06E-83	-0.43744	0.501	0.553	1.99E-79	Myeloid ce RSL24D1
1777	MEAF6	1.25E-83	-0.47477	0.333	0.415	2.35E-79	Myeloid ce MEAF6
1778	AC093157.	1.81E-82	-0.33536	0.025	0.111	3.40E-78	Myeloid ce AC093157.1
1779	PLEKHA1	4.02E-82	-0.39094	0.051	0.145	7.55E-78	Myeloid ce PLEKHA1
1780	DNAJB1	5.08E-82	-0.5072	0.192	0.295	9.55E-78	Myeloid ce DNAJB1
1781	MT-ND2	5.80E-82	0.328201	0.907	0.842	1.09E-77	Myeloid ce MT-ND2
1782	FBL	1.00E-81	-0.46637	0.254	0.355	1.88E-77	Myeloid ce FBL
1783	IGLC3	1.78E-81	-0.98075	0.022	0.106	3.34E-77	Myeloid ce IGLC3
1784	OFD1	2.73E-81	-0.41516	0.102	0.207	5.14E-77	Myeloid ce OFD1
1785	CLIC3	5.03E-81	-0.76155	0.029	0.117	9.44E-77	Myeloid ce CLIC3

1786	PA2G4	4.08E-80	-0.45586	0.395	0.462	7.66E-76	Myeloid ce PA2G4
1787	NIPSNAP1	9.73E-80	-0.36977	0.059	0.153	1.83E-75	Myeloid ce NIPSNAP1
1788	MZB1	9.96E-80	-0.66581	0.038	0.13	1.87E-75	Myeloid ce MZB1
1789	PSMB8-AS	1.83E-79	-0.5099	0.348	0.427	3.43E-75	Myeloid ce PSMB8-AS1
1790	AC025164.	1.83E-79	-0.46003	0.067	0.163	3.44E-75	Myeloid ce AC025164.1
1791	UBAC2	1.54E-78	-0.48321	0.212	0.308	2.90E-74	Myeloid ce UBAC2
1792	MCTP2	6.82E-77	0.260178	0.146	0.07	1.28E-72	Myeloid ce MCTP2
1793	STK4	1.90E-76	-0.43121	0.455	0.518	3.56E-72	Myeloid ce STK4
1794	GZMB	4.49E-75	-1.23701	0.032	0.116	8.43E-71	Myeloid ce GZMB
1795	GPR174	4.58E-75	-0.35019	0.025	0.104	8.61E-71	Myeloid ce GPR174
1796	ERG28	5.17E-75	-0.35257	0.062	0.154	9.71E-71	Myeloid ce ERG28
1797	GABPB1-AS	6.29E-75	-0.43145	0.093	0.189	1.18E-70	Myeloid ce GABPB1-AS1
1798	PITPNA-AS	7.86E-75	-0.36337	0.06	0.151	1.48E-70	Myeloid ce PITPNA-AS1
1799	CDC42SE2	1.40E-74	-0.47083	0.216	0.313	2.64E-70	Myeloid ce CDC42SE2
1800	SUPT3H	2.37E-74	-0.33513	0.032	0.113	4.46E-70	Myeloid ce SUPT3H
1801	IGLC2	2.43E-74	-1.05285	0.03	0.112	4.56E-70	Myeloid ce IGLC2
1802	PDE3B	5.13E-74	-0.38514	0.064	0.156	9.64E-70	Myeloid ce PDE3B
1803	UBE2L6	6.75E-74	0.291211	0.595	0.443	1.27E-69	Myeloid ce UBE2L6
1804	ATP2A3	3.44E-73	-0.38483	0.098	0.199	6.46E-69	Myeloid ce ATP2A3
1805	RPL36AL	4.09E-73	-0.27592	0.889	0.901	7.69E-69	Myeloid ce RPL36AL
1806	KRR1	5.86E-72	-0.3883	0.087	0.18	1.10E-67	Myeloid ce KRR1
1807	WDR74	1.76E-71	-0.42357	0.133	0.23	3.30E-67	Myeloid ce WDR74
1808	MT-ND4	3.93E-71	0.287376	0.968	0.955	7.39E-67	Myeloid ce MT-ND4
1809	TTC3	4.20E-71	-0.45129	0.191	0.287	7.90E-67	Myeloid ce TTC3
1810	NSD3	6.11E-71	-0.44924	0.25	0.344	1.15E-66	Myeloid ce NSD3
1811	RASA3	1.53E-70	-0.43691	0.119	0.213	2.87E-66	Myeloid ce RASA3
1812	KLHDC2	1.78E-70	-0.42832	0.139	0.234	3.34E-66	Myeloid ce KLHDC2
1813	TSPAN13	3.67E-70	-0.38337	0.04	0.124	6.90E-66	Myeloid ce TSPAN13
1814	RPIA	3.89E-70	-0.45523	0.17	0.262	7.31E-66	Myeloid ce RPIA
1815	CMPK1	6.86E-70	-0.46219	0.241	0.329	1.29E-65	Myeloid ce CMPK1
1816	ODF2L	9.17E-70	-0.3376	0.05	0.134	1.72E-65	Myeloid ce ODF2L
1817	GPR183	1.29E-69	-0.30979	0.048	0.134	2.42E-65	Myeloid ce GPR183
1818	CHST12	2.59E-69	-0.4593	0.075	0.164	4.86E-65	Myeloid ce CHST12
1819	KLF2	3.30E-69	-0.599	0.426	0.508	6.21E-65	Myeloid ce KLF2
1820	ST6GAL1	5.90E-69	-0.40773	0.086	0.176	1.11E-64	Myeloid ce ST6GAL1
1821	SP140	9.56E-69	-0.4197	0.073	0.16	1.80E-64	Myeloid ce SP140
1822	TUBA4A	1.33E-68	-0.39542	0.329	0.42	2.49E-64	Myeloid ce TUBA4A
1823	HMGN4	2.15E-68	-0.46557	0.206	0.294	4.04E-64	Myeloid ce HMGN4
1824	GAMT	2.30E-68	-0.31673	0.036	0.114	4.32E-64	Myeloid ce GAMT
1825	MARCKSL1	2.44E-68	-0.49253	0.187	0.283	4.59E-64	Myeloid ce MARCKSL1
1826	ZNF146	5.39E-68	-0.3654	0.073	0.16	1.01E-63	Myeloid ce ZNF146
1827	TSPAN3	7.92E-68	-0.51825	0.128	0.217	1.49E-63	Myeloid ce TSPAN3
1828	ANP32A	1.35E-67	0.284348	0.624	0.452	2.54E-63	Myeloid ce ANP32A
1829	SPTBN1	1.43E-67	-0.34542	0.076	0.166	2.69E-63	Myeloid ce SPTBN1
1830	SMDT1	3.06E-67	-0.33434	0.662	0.684	5.75E-63	Myeloid ce SMDT1
1831	EBLN3P	3.57E-67	-0.45858	0.142	0.234	6.71E-63	Myeloid ce EBLN3P
1832	YWHAQ	1.01E-66	-0.48649	0.357	0.418	1.90E-62	Myeloid ce YWHAQ

1833	COX7C	4.91E-66	-0.25598	0.877	0.895	9.22E-62	Myeloid ce COX7C
1834	MATR3.1	6.28E-66	-0.37013	0.073	0.159	1.18E-61	Myeloid ce MATR3.1
1835	NGRN	6.87E-66	-0.42635	0.128	0.215	1.29E-61	Myeloid ce NGRN
1836	IGKC	8.28E-66	-1.77162	0.083	0.17	1.55E-61	Myeloid ce IGKC
1837	TAGLN2	1.60E-65	0.313476	0.852	0.762	3.01E-61	Myeloid ce TAGLN2
1838	ZRANB2	1.85E-65	-0.43396	0.257	0.342	3.47E-61	Myeloid ce ZRANB2
1839	CNBP	2.15E-65	-0.26205	0.786	0.81	4.04E-61	Myeloid ce CNBP
1840	PAXX	3.73E-65	-0.46235	0.519	0.55	7.00E-61	Myeloid ce PAXX
1841	MT-CO3	9.62E-65	0.266898	0.978	0.949	1.81E-60	Myeloid ce MT-CO3
1842	SLC9A3R1	1.27E-64	-0.56722	0.356	0.421	2.39E-60	Myeloid ce SLC9A3R1
1843	FAM107B	1.89E-64	-0.40374	0.188	0.285	3.54E-60	Myeloid ce FAM107B
1844	TFAP4	2.06E-64	-0.29118	0.034	0.109	3.88E-60	Myeloid ce TFAP4
1845	SNU13	2.70E-64	-0.36724	0.523	0.557	5.07E-60	Myeloid ce SNU13
1846	SVIP	3.59E-64	-0.30653	0.038	0.115	6.74E-60	Myeloid ce SVIP
1847	METTL23	3.75E-64	-0.42403	0.186	0.275	7.04E-60	Myeloid ce METTL23
1848	GPBP1	7.29E-64	-0.42718	0.273	0.357	1.37E-59	Myeloid ce GPBP1
1849	PPP1CC	1.17E-63	-0.42047	0.394	0.451	2.20E-59	Myeloid ce PPP1CC
1850	TMEM109	1.83E-63	-0.42337	0.174	0.263	3.44E-59	Myeloid ce TMEM109
1851	PNRC2	2.09E-63	-0.43045	0.319	0.391	3.93E-59	Myeloid ce PNRC2
1852	RSAD1	2.36E-63	-0.3609	0.091	0.177	4.43E-59	Myeloid ce RSAD1
1853	AKTIP	2.46E-63	-0.30512	0.044	0.122	4.63E-59	Myeloid ce AKTIP
1854	DENND1C	3.68E-63	-0.40036	0.135	0.223	6.91E-59	Myeloid ce DENND1C
1855	RBMX	7.94E-63	-0.44958	0.298	0.37	1.49E-58	Myeloid ce RBMX
1856	SELENOM	8.17E-63	-0.31665	0.037	0.112	1.53E-58	Myeloid ce SELENOM
1857	PAICS	8.79E-63	-0.30285	0.048	0.125	1.65E-58	Myeloid ce PAICS
1858	MRPS18B	1.17E-62	-0.4385	0.237	0.317	2.19E-58	Myeloid ce MRPS18B
1859	OCIAD1	1.59E-62	-0.4192	0.376	0.434	2.98E-58	Myeloid ce OCIAD1
1860	PTGES3	4.50E-62	-0.26782	0.622	0.674	8.45E-58	Myeloid ce PTGES3
1861	NOL11	4.66E-62	-0.36169	0.098	0.184	8.75E-58	Myeloid ce NOL11
1862	PLSCR3	4.92E-62	-0.4002	0.096	0.179	9.24E-58	Myeloid ce PLSCR3
1863	LRBA	1.02E-61	-0.31624	0.051	0.128	1.91E-57	Myeloid ce LRBA
1864	GORASP2	1.11E-61	-0.3885	0.152	0.238	2.09E-57	Myeloid ce GORASP2
1865	IFRD2	1.16E-61	-0.34551	0.079	0.162	2.19E-57	Myeloid ce IFRD2
1866	DDX39A	1.55E-61	-0.44527	0.27	0.344	2.92E-57	Myeloid ce DDX39A
1867	IARS	3.71E-61	-0.29326	0.047	0.123	6.97E-57	Myeloid ce IARS
1868	ASF1A	4.33E-61	-0.36113	0.092	0.176	8.13E-57	Myeloid ce ASF1A
1869	QTRT1	1.15E-60	-0.37221	0.1	0.183	2.17E-56	Myeloid ce QTRT1
1870	NUCKS1	2.20E-60	-0.44327	0.239	0.319	4.13E-56	Myeloid ce NUCKS1
1871	MTERF4	4.94E-60	-0.37039	0.119	0.205	9.29E-56	Myeloid ce MTERF4
1872	POLD2	6.54E-60	-0.37594	0.103	0.186	1.23E-55	Myeloid ce POLD2
1873	AC016831.	6.97E-60	-0.32736	0.063	0.143	1.31E-55	Myeloid ce AC016831.7
1874	BRIX1	7.14E-60	-0.3492	0.083	0.164	1.34E-55	Myeloid ce BRIX1
1875	MED10	7.56E-60	-0.41599	0.304	0.371	1.42E-55	Myeloid ce MED10
1876	TMEM106	7.68E-60	-0.29472	0.038	0.11	1.44E-55	Myeloid ce TMEM106C
1877	MT-ATP8	8.06E-60	-0.52844	0.338	0.413	1.51E-55	Myeloid ce MT-ATP8
1878	DNAJC9	1.65E-59	-0.29489	0.042	0.114	3.09E-55	Myeloid ce DNAJC9
1879	ZBTB25	9.33E-59	-0.27427	0.032	0.1	1.75E-54	Myeloid ce ZBTB25

1880	NAP1L1	9.98E-59	0.313095	0.571	0.444	1.88E-54	Myeloid ce NAP1L1
1881	LINC00623	3.50E-58	-0.37077	0.085	0.166	6.58E-54	Myeloid ce LINC00623
1882	CD38	3.60E-58	-0.367	0.044	0.116	6.76E-54	Myeloid ce CD38
1883	ODC1	8.88E-58	-0.39293	0.091	0.172	1.67E-53	Myeloid ce ODC1
1884	TFDP2	9.37E-58	-0.30987	0.042	0.114	1.76E-53	Myeloid ce TFDP2
1885	NDUFAF4	9.92E-58	-0.37614	0.117	0.199	1.86E-53	Myeloid ce NDUFAF4
1886	SNRPA	1.05E-57	-0.42231	0.326	0.39	1.97E-53	Myeloid ce SNRPA
1887	RNASEH2B	1.09E-57	-0.44438	0.251	0.326	2.05E-53	Myeloid ce RNASEH2B
1888	PDK1	1.34E-57	-0.26245	0.034	0.104	2.51E-53	Myeloid ce PDK1
1889	TMEM106B	2.43E-57	-0.33732	0.082	0.162	4.57E-53	Myeloid ce TMEM106B
1890	TAF7	2.83E-57	-0.42007	0.271	0.348	5.31E-53	Myeloid ce TAF7
1891	SF3A2	3.00E-57	-0.41144	0.243	0.319	5.63E-53	Myeloid ce SF3A2
1892	HIST1H1D	5.28E-57	-0.40763	0.102	0.185	9.92E-53	Myeloid ce HIST1H1D
1893	ULK3	8.33E-57	-0.32599	0.07	0.147	1.56E-52	Myeloid ce ULK3
1894	ABCE1	8.85E-57	-0.36299	0.11	0.191	1.66E-52	Myeloid ce ABCE1
1895	CD47	1.66E-56	-0.42423	0.427	0.475	3.12E-52	Myeloid ce CD47
1896	UBE2N	1.68E-56	-0.39945	0.353	0.409	3.15E-52	Myeloid ce UBE2N
1897	MTFP1	1.85E-56	-0.26148	0.039	0.108	3.47E-52	Myeloid ce MTFP1
1898	HACD3	1.93E-56	-0.31645	0.061	0.136	3.62E-52	Myeloid ce HACD3
1899	LSM2	9.16E-56	-0.41128	0.318	0.382	1.72E-51	Myeloid ce LSM2
1900	HDDC2	1.49E-55	-0.39564	0.172	0.254	2.80E-51	Myeloid ce HDDC2
1901	RRP1B	1.78E-55	-0.32188	0.084	0.163	3.35E-51	Myeloid ce RRP1B
1902	PRPS1	2.55E-55	-0.30826	0.064	0.138	4.80E-51	Myeloid ce PRPS1
1903	ANKRD12	2.60E-55	-0.39624	0.335	0.402	4.89E-51	Myeloid ce ANKRD12
1904	RASA2	3.62E-55	-0.35051	0.125	0.21	6.80E-51	Myeloid ce RASA2
1905	CEACAM21	3.91E-55	-0.28416	0.042	0.111	7.35E-51	Myeloid ce CEACAM21
1906	MAGEH1	8.99E-55	-0.2698	0.041	0.109	1.69E-50	Myeloid ce MAGEH1
1907	UBIAD1	9.00E-55	-0.30617	0.062	0.135	1.69E-50	Myeloid ce UBIAD1
1908	NOB1	9.47E-55	-0.37743	0.138	0.218	1.78E-50	Myeloid ce NOB1
1909	FAM162A	1.28E-54	-0.40259	0.202	0.279	2.40E-50	Myeloid ce FAM162A
1910	MPI	1.40E-54	-0.26773	0.045	0.115	2.64E-50	Myeloid ce MPI
1911	CALM1	2.28E-54	-0.33353	0.895	0.877	4.28E-50	Myeloid ce CALM1
1912	SRSF7	3.00E-54	-0.35864	0.522	0.554	5.64E-50	Myeloid ce SRSF7
1913	SLC44A2	3.55E-54	-0.4207	0.27	0.343	6.68E-50	Myeloid ce SLC44A2
1914	BUD23	6.90E-54	-0.38916	0.171	0.25	1.30E-49	Myeloid ce BUD23
1915	MAD1L1	8.41E-54	-0.42966	0.209	0.284	1.58E-49	Myeloid ce MAD1L1
1916	VCPKMT	9.94E-54	-0.30016	0.048	0.118	1.87E-49	Myeloid ce VCPKMT
1917	TUT4	1.53E-53	-0.33822	0.124	0.21	2.87E-49	Myeloid ce TUT4
1918	IL27RA	1.78E-53	-0.40918	0.191	0.27	3.34E-49	Myeloid ce IL27RA
1919	DARS	2.78E-53	-0.39479	0.202	0.281	5.23E-49	Myeloid ce DARS
1920	CYB561A3	3.14E-53	-0.57814	0.18	0.255	5.90E-49	Myeloid ce CYB561A3
1921	CCNG1	3.95E-53	-0.39384	0.144	0.222	7.42E-49	Myeloid ce CCNG1
1922	ZFAND1	7.63E-53	-0.37738	0.138	0.216	1.43E-48	Myeloid ce ZFAND1
1923	THRAP3	9.47E-53	-0.3994	0.383	0.43	1.78E-48	Myeloid ce THRAP3
1924	DNAJA3	1.45E-52	-0.30342	0.059	0.129	2.72E-48	Myeloid ce DNAJA3
1925	JCHAIN	2.89E-52	-1.2103	0.048	0.119	5.44E-48	Myeloid ce JCHAIN
1926	LSM14A	6.41E-52	-0.41038	0.304	0.365	1.20E-47	Myeloid ce LSM14A

1927	BTN3A2	6.47E-52	-0.43198	0.187	0.262	1.22E-47	Myeloid ce BTN3A2
1928	GNG7	7.02E-52	-0.33703	0.041	0.107	1.32E-47	Myeloid ce GNG7
1929	LSM7	7.65E-52	-0.32735	0.636	0.642	1.44E-47	Myeloid ce LSM7
1930	NKG7	1.11E-51	-2.25627	0.323	0.188	2.08E-47	Myeloid ce NKG7
1931	CCNB1IP1	1.41E-51	-0.30265	0.056	0.125	2.65E-47	Myeloid ce CCNB1IP1
1932	MT-ND6	1.62E-51	-0.40731	0.197	0.278	3.03E-47	Myeloid ce MT-ND6
1933	MAPKAPK5	1.66E-51	-0.3961	0.17	0.247	3.12E-47	Myeloid ce MAPKAPK5-AS1
1934	ZNF302	2.44E-51	-0.34826	0.103	0.179	4.59E-47	Myeloid ce ZNF302
1935	QRSL1	2.53E-51	-0.39149	0.068	0.138	4.75E-47	Myeloid ce QRSL1
1936	DDX6	3.19E-51	-0.41366	0.212	0.288	6.00E-47	Myeloid ce DDX6
1937	SMPD1	3.45E-51	-0.32221	0.072	0.144	6.47E-47	Myeloid ce SMPD1
1938	PITHD1	3.52E-51	-0.37948	0.15	0.226	6.61E-47	Myeloid ce PITHD1
1939	NT5DC1	7.73E-51	-0.30747	0.083	0.157	1.45E-46	Myeloid ce NT5DC1
1940	MDH1	1.14E-50	-0.3752	0.37	0.415	2.14E-46	Myeloid ce MDH1
1941	TUBA1B	1.92E-50	0.380409	0.609	0.506	3.60E-46	Myeloid ce TUBA1B
1942	ZNF493	2.14E-50	-0.26608	0.041	0.105	4.01E-46	Myeloid ce ZNF493
1943	HSPA9	2.24E-50	-0.39061	0.231	0.3	4.22E-46	Myeloid ce HSPA9
1944	PTPN7	2.59E-50	-0.25559	0.041	0.107	4.87E-46	Myeloid ce PTPN7
1945	RAD21	3.03E-50	-0.39941	0.295	0.358	5.69E-46	Myeloid ce RAD21
1946	SF3A1	3.38E-50	-0.39574	0.235	0.304	6.35E-46	Myeloid ce SF3A1
1947	MAX	5.58E-50	-0.37887	0.331	0.392	1.05E-45	Myeloid ce MAX
1948	C19orf48	9.56E-50	-0.2635	0.047	0.112	1.80E-45	Myeloid ce C19orf48
1949	DNAJC19	9.67E-50	-0.4001	0.232	0.3	1.82E-45	Myeloid ce DNAJC19
1950	UBTF	1.14E-49	-0.36412	0.13	0.207	2.14E-45	Myeloid ce UBTF
1951	C11orf58	1.23E-49	-0.3236	0.548	0.572	2.32E-45	Myeloid ce C11orf58
1952	SH3BP5	2.14E-49	-0.42423	0.168	0.245	4.01E-45	Myeloid ce SH3BP5
1953	FBXO44	4.98E-49	-0.30423	0.06	0.128	9.35E-45	Myeloid ce FBXO44
1954	CFAP97	5.51E-49	-0.32663	0.082	0.153	1.03E-44	Myeloid ce CFAP97
1955	RPA1	8.76E-49	-0.3087	0.083	0.154	1.64E-44	Myeloid ce RPA1
1956	HNRNPA3	1.01E-48	-0.35401	0.519	0.539	1.90E-44	Myeloid ce HNRNPA3
1957	NPRL2	1.12E-48	-0.33446	0.085	0.157	2.11E-44	Myeloid ce NPRL2
1958	BOLA3	1.34E-48	-0.36028	0.118	0.191	2.52E-44	Myeloid ce BOLA3
1959	EXOSC8	2.12E-48	-0.3707	0.136	0.209	3.99E-44	Myeloid ce EXOSC8
1960	LINS1	2.17E-48	-0.31007	0.072	0.141	4.08E-44	Myeloid ce LINS1
1961	COX11	3.50E-48	-0.28958	0.06	0.127	6.58E-44	Myeloid ce COX11
1962	NHP2	4.30E-48	-0.36707	0.393	0.436	8.08E-44	Myeloid ce NHP2
1963	CXXC5	4.65E-48	-0.42585	0.079	0.149	8.73E-44	Myeloid ce CXXC5
1964	CCSER2	7.75E-48	-0.29747	0.065	0.132	1.46E-43	Myeloid ce CCSER2
1965	EZR	8.59E-48	-0.54047	0.381	0.428	1.61E-43	Myeloid ce EZR
1966	RDH14	9.53E-48	-0.3294	0.093	0.164	1.79E-43	Myeloid ce RDH14
1967	SNHG12	1.60E-47	-0.33506	0.077	0.146	3.01E-43	Myeloid ce SNHG12
1968	ISCU	1.65E-47	-0.35109	0.508	0.522	3.11E-43	Myeloid ce ISCU
1969	PNN	1.84E-47	-0.38215	0.273	0.34	3.45E-43	Myeloid ce PNN
1970	NPAT	1.99E-47	-0.29325	0.054	0.119	3.74E-43	Myeloid ce NPAT
1971	TMEM223	2.21E-47	-0.33789	0.104	0.176	4.16E-43	Myeloid ce TMEM223
1972	SDHAF3	2.29E-47	-0.33134	0.113	0.186	4.31E-43	Myeloid ce SDHAF3
1973	NSMCE1	3.28E-47	-0.41318	0.28	0.338	6.15E-43	Myeloid ce NSMCE1

1974	TAF1D	4.01E-47	-0.38014	0.258	0.327	7.53E-43	Myeloid ce TAF1D
1975	BIRC3	4.10E-47	-0.44065	0.105	0.175	7.69E-43	Myeloid ce BIRC3
1976	SAE1	4.71E-47	-0.32682	0.103	0.174	8.85E-43	Myeloid ce SAE1
1977	PRPSAP2	8.02E-47	-0.3469	0.12	0.192	1.51E-42	Myeloid ce PRPSAP2
1978	C9orf78	1.41E-46	-0.37599	0.335	0.391	2.65E-42	Myeloid ce C9orf78
1979	AP1G2	1.55E-46	-0.37543	0.188	0.259	2.92E-42	Myeloid ce AP1G2
1980	TRAM1	1.67E-46	-0.36082	0.351	0.403	3.14E-42	Myeloid ce TRAM1
1981	SGF29	1.91E-46	-0.36177	0.141	0.214	3.59E-42	Myeloid ce SGF29
1982	C19orf66	2.52E-46	-0.40066	0.255	0.32	4.74E-42	Myeloid ce C19orf66
1983	ATXN10	4.18E-46	-0.3745	0.285	0.342	7.85E-42	Myeloid ce ATXN10
1984	DUSP11	4.23E-46	-0.33926	0.114	0.184	7.96E-42	Myeloid ce DUSP11
1985	CDK4	1.45E-45	-0.37728	0.162	0.23	2.72E-41	Myeloid ce CDK4
1986	MRPS26	1.92E-45	-0.38611	0.207	0.274	3.61E-41	Myeloid ce MRPS26
1987	PUF60	2.03E-45	-0.36183	0.346	0.395	3.81E-41	Myeloid ce PUF60
1988	CNST	3.43E-45	-0.32844	0.102	0.172	6.45E-41	Myeloid ce CNST
1989	ZBTB20	3.68E-45	-0.33098	0.085	0.153	6.91E-41	Myeloid ce ZBTB20
1990	EIF5A	4.94E-45	-0.35654	0.52	0.532	9.28E-41	Myeloid ce EIF5A
1991	WDR54	9.34E-45	-0.27393	0.05	0.111	1.75E-40	Myeloid ce WDR54
1992	PCID2	1.37E-44	-0.3417	0.111	0.18	2.57E-40	Myeloid ce PCID2
1993	MAGEF1	1.56E-44	-0.28682	0.063	0.127	2.92E-40	Myeloid ce MAGEF1
1994	SELENOH	1.72E-44	-0.27236	0.71	0.718	3.23E-40	Myeloid ce SELENOH
1995	SMYD2	2.32E-44	-0.26542	0.066	0.131	4.36E-40	Myeloid ce SMYD2
1996	LSM5	5.48E-44	-0.38992	0.329	0.376	1.03E-39	Myeloid ce LSM5
1997	CRLF3	1.41E-43	-0.38152	0.222	0.286	2.64E-39	Myeloid ce CRLF3
1998	NGDN	2.56E-43	-0.37313	0.191	0.255	4.81E-39	Myeloid ce NGDN
1999	FAM3C	3.56E-43	-0.32277	0.049	0.108	6.69E-39	Myeloid ce FAM3C
2000	SS18L2	3.75E-43	-0.37002	0.266	0.324	7.05E-39	Myeloid ce SS18L2
2001	ATAD1	4.17E-43	-0.29967	0.077	0.143	7.83E-39	Myeloid ce ATAD1
2002	CCL5	5.75E-43	-1.99081	0.093	0.156	1.08E-38	Myeloid ce CCL5
2003	PTDSS1	1.05E-42	-0.36665	0.218	0.281	1.97E-38	Myeloid ce PTDSS1
2004	GIMAP4	1.11E-42	-0.51931	0.609	0.564	2.08E-38	Myeloid ce GIMAP4
2005	PITPNC1	1.66E-42	-0.34363	0.107	0.174	3.12E-38	Myeloid ce PITPNC1
2006	PPA1	1.87E-42	-0.34067	0.33	0.383	3.51E-38	Myeloid ce PPA1
2007	NUDCD2	1.92E-42	-0.36085	0.208	0.271	3.60E-38	Myeloid ce NUDCD2
2008	SDHA	2.10E-42	-0.37203	0.227	0.289	3.95E-38	Myeloid ce SDHA
2009	JUN	2.71E-42	-0.35851	0.106	0.177	5.09E-38	Myeloid ce JUN
2010	ZNF101	2.86E-42	-0.25152	0.048	0.107	5.38E-38	Myeloid ce ZNF101
2011	CCT8	3.97E-42	-0.32382	0.446	0.476	7.46E-38	Myeloid ce CCT8
2012	ARPC5L	6.21E-42	-0.43449	0.269	0.324	1.17E-37	Myeloid ce ARPC5L
2013	CDKN1B	7.17E-42	-0.37389	0.231	0.294	1.35E-37	Myeloid ce CDKN1B
2014	SMIM27	1.13E-41	-0.32658	0.14	0.212	2.12E-37	Myeloid ce SMIM27
2015	TOMM5	2.67E-41	-0.36108	0.332	0.378	5.02E-37	Myeloid ce TOMM5
2016	ARID5A	3.13E-41	-0.34002	0.126	0.196	5.88E-37	Myeloid ce ARID5A
2017	ADSL	3.35E-41	-0.38416	0.253	0.308	6.30E-37	Myeloid ce ADSL
2018	TMEM63A	6.71E-41	-0.26549	0.065	0.127	1.26E-36	Myeloid ce TMEM63A
2019	NUP107	1.36E-40	-0.28239	0.074	0.136	2.55E-36	Myeloid ce NUP107
2020	MRT04	1.58E-40	-0.26523	0.066	0.126	2.97E-36	Myeloid ce MRT04

2021	PPP2R1A	1.80E-40	-0.33757	0.45	0.471	3.38E-36	Myeloid ce PPP2R1A
2022	MCM7	2.18E-40	-0.31501	0.073	0.135	4.09E-36	Myeloid ce MCM7
2023	PMS2	5.53E-40	-0.30426	0.097	0.161	1.04E-35	Myeloid ce PMS2
2024	FNTA	8.48E-40	-0.35519	0.188	0.252	1.59E-35	Myeloid ce FNTA
2025	PPIH	9.83E-40	-0.36275	0.183	0.245	1.85E-35	Myeloid ce PPIH
2026	SP140L	1.33E-39	-0.33628	0.137	0.203	2.50E-35	Myeloid ce SP140L
2027	MFNG	2.17E-39	-0.37569	0.287	0.336	4.07E-35	Myeloid ce MFNG
2028	GLOD4	3.23E-39	-0.3641	0.189	0.249	6.07E-35	Myeloid ce GLOD4
2029	PDE4B	3.38E-39	-0.33356	0.11	0.176	6.36E-35	Myeloid ce PDE4B
2030	SF3A3	3.81E-39	-0.3429	0.2	0.261	7.15E-35	Myeloid ce SF3A3
2031	CRBN	5.31E-39	-0.34734	0.197	0.26	9.97E-35	Myeloid ce CRBN
2032	NOLC1	5.39E-39	-0.28949	0.091	0.154	1.01E-34	Myeloid ce NOLC1
2033	ITFG2	5.93E-39	-0.3181	0.1	0.163	1.11E-34	Myeloid ce ITFG2
2034	PDE7A	5.96E-39	-0.25229	0.055	0.113	1.12E-34	Myeloid ce PDE7A
2035	PIGC	7.02E-39	-0.34587	0.175	0.236	1.32E-34	Myeloid ce PIGC
2036	ELP2	8.59E-39	-0.29089	0.091	0.153	1.61E-34	Myeloid ce ELP2
2037	CCDC85B	8.78E-39	-0.35029	0.442	0.468	1.65E-34	Myeloid ce CCDC85B
2038	EPB41L4A-	1.47E-38	-0.33055	0.121	0.185	2.75E-34	Myeloid ce EPB41L4A-AS1
2039	MAPRE2	1.63E-38	-0.36782	0.145	0.207	3.07E-34	Myeloid ce MAPRE2
2040	TRMT112	1.68E-38	-0.25666	0.681	0.674	3.15E-34	Myeloid ce TRMT112
2041	BLCAP	2.83E-38	-0.36919	0.174	0.236	5.32E-34	Myeloid ce BLCAP
2042	FDFT1	2.88E-38	-0.36679	0.341	0.383	5.41E-34	Myeloid ce FDFT1
2043	MRPS27	3.03E-38	-0.26882	0.078	0.139	5.69E-34	Myeloid ce MRPS27
2044	SELENOF	5.28E-38	-0.35935	0.438	0.46	9.91E-34	Myeloid ce SELENOF
2045	MAGED2	5.34E-38	-0.35414	0.166	0.227	1.00E-33	Myeloid ce MAGED2
2046	CD37	6.54E-38	-0.86473	0.907	0.89	1.23E-33	Myeloid ce CD37
2047	TMC6	7.21E-38	-0.35917	0.264	0.321	1.35E-33	Myeloid ce TMC6
2048	RBM48	8.46E-38	-0.27175	0.066	0.124	1.59E-33	Myeloid ce RBM48
2049	DIMT1	1.11E-37	-0.28506	0.09	0.15	2.09E-33	Myeloid ce DIMT1
2050	YDJC	1.31E-37	-0.34114	0.172	0.235	2.47E-33	Myeloid ce YDJC
2051	RUBCNL	1.61E-37	-0.41159	0.077	0.135	3.03E-33	Myeloid ce RUBCNL
2052	FNBP4	2.42E-37	-0.35834	0.244	0.301	4.55E-33	Myeloid ce FNBP4
2053	PMPCB	2.51E-37	-0.35424	0.234	0.289	4.71E-33	Myeloid ce PMPCB
2054	SRSF1	3.90E-37	-0.36775	0.245	0.299	7.32E-33	Myeloid ce SRSF1
2055	HSPB1	4.52E-37	-0.25736	0.421	0.472	8.49E-33	Myeloid ce HSPB1
2056	SMARCE1	6.79E-37	-0.34428	0.193	0.252	1.28E-32	Myeloid ce SMARCE1
2057	ACAT2	7.74E-37	-0.28038	0.087	0.147	1.45E-32	Myeloid ce ACAT2
2058	RAB29	8.30E-37	-0.34816	0.123	0.184	1.56E-32	Myeloid ce RAB29
2059	ACTR1B	1.22E-36	-0.29241	0.099	0.159	2.30E-32	Myeloid ce ACTR1B
2060	METTL5	1.53E-36	-0.34305	0.231	0.285	2.87E-32	Myeloid ce METTL5
2061	SCRN2	1.71E-36	-0.27704	0.092	0.153	3.21E-32	Myeloid ce SCRN2
2062	CRELD1	2.03E-36	-0.26708	0.064	0.119	3.82E-32	Myeloid ce CRELD1
2063	ASNSD1	2.38E-36	-0.29631	0.106	0.167	4.47E-32	Myeloid ce ASNSD1
2064	SUCLG2	2.74E-36	-0.30057	0.113	0.173	5.14E-32	Myeloid ce SUCLG2
2065	PPHLN1	3.17E-36	-0.29965	0.128	0.191	5.95E-32	Myeloid ce PPHLN1
2066	PWP1	4.55E-36	-0.36135	0.198	0.253	8.54E-32	Myeloid ce PWP1
2067	PPP2R5C	5.80E-36	-0.39185	0.152	0.214	1.09E-31	Myeloid ce PPP2R5C

2068	MHENCN	6.46E-36	-0.27143	0.076	0.135	1.21E-31	Myeloid ce MHENCN
2069	NASP	6.67E-36	-0.3503	0.18	0.24	1.25E-31	Myeloid ce NASP
2070	HMGA1	7.16E-36	-0.35653	0.192	0.25	1.35E-31	Myeloid ce HMGA1
2071	PCMTD2	3.27E-35	-0.27121	0.078	0.135	6.14E-31	Myeloid ce PCMTD2
2072	SEC62	3.68E-35	-0.3352	0.518	0.526	6.92E-31	Myeloid ce SEC62
2073	ENOPH1	3.90E-35	-0.30208	0.115	0.173	7.32E-31	Myeloid ce ENOPH1
2074	NIFK	6.34E-35	-0.35462	0.226	0.278	1.19E-30	Myeloid ce NIFK
2075	CNOT7	1.57E-34	-0.35148	0.332	0.367	2.96E-30	Myeloid ce CNOT7
2076	CLK1	1.60E-34	-0.35184	0.149	0.209	3.01E-30	Myeloid ce CLK1
2077	MIB2	2.62E-34	-0.26261	0.061	0.115	4.91E-30	Myeloid ce MIB2
2078	EMD	2.83E-34	-0.34376	0.369	0.399	5.31E-30	Myeloid ce EMD
2079	THAP7	2.97E-34	-0.32879	0.136	0.193	5.57E-30	Myeloid ce THAP7
2080	RNF125	3.63E-34	-0.28409	0.091	0.149	6.81E-30	Myeloid ce RNF125
2081	COQ8A	4.11E-34	-0.26379	0.081	0.137	7.72E-30	Myeloid ce COQ8A
2082	SMARCB1	4.80E-34	-0.38033	0.281	0.323	9.02E-30	Myeloid ce SMARCB1
2083	ZNF32	8.83E-34	-0.31476	0.125	0.183	1.66E-29	Myeloid ce ZNF32
2084	RBBP4	1.54E-33	-0.35086	0.303	0.346	2.89E-29	Myeloid ce RBBP4
2085	SRSF10	2.51E-33	-0.35147	0.332	0.367	4.72E-29	Myeloid ce SRSF10
2086	ACTR6	4.58E-33	-0.27334	0.086	0.141	8.61E-29	Myeloid ce ACTR6
2087	ABRAXAS1	6.77E-33	-0.2733	0.076	0.129	1.27E-28	Myeloid ce ABRAXAS1
2088	IL2RG	9.00E-33	-0.29167	0.09	0.148	1.69E-28	Myeloid ce IL2RG
2089	NSUN5	1.67E-32	-0.3306	0.17	0.226	3.14E-28	Myeloid ce NSUN5
2090	AGPAT5	2.16E-32	-0.25182	0.051	0.1	4.05E-28	Myeloid ce AGPAT5
2091	POP5	2.59E-32	-0.32758	0.176	0.231	4.86E-28	Myeloid ce POP5
2092	WDR6	4.48E-32	-0.25947	0.091	0.147	8.41E-28	Myeloid ce WDR6
2093	CYLD	4.78E-32	-0.33587	0.201	0.257	8.98E-28	Myeloid ce CYLD
2094	SNRNP40	6.14E-32	-0.33409	0.2	0.251	1.15E-27	Myeloid ce SNRNP40
2095	IP6K2	1.04E-31	-0.32146	0.142	0.198	1.96E-27	Myeloid ce IP6K2
2096	CCDC66	1.09E-31	-0.25042	0.07	0.123	2.05E-27	Myeloid ce CCDC66
2097	VPS51	1.38E-31	-0.30647	0.215	0.271	2.58E-27	Myeloid ce VPS51
2098	KMT2E	1.39E-31	-0.33972	0.43	0.451	2.62E-27	Myeloid ce KMT2E
2099	DUSP2	1.55E-31	-0.60692	0.088	0.143	2.92E-27	Myeloid ce DUSP2
2100	BLOC1S4	2.16E-31	-0.28882	0.099	0.153	4.06E-27	Myeloid ce BLOC1S4
2101	PPWD1	2.92E-31	-0.27777	0.105	0.16	5.48E-27	Myeloid ce PPWD1
2102	MAML2	3.13E-31	-0.29369	0.11	0.167	5.89E-27	Myeloid ce MAML2
2103	MAF1	4.76E-31	-0.34101	0.376	0.402	8.93E-27	Myeloid ce MAF1
2104	PHB	4.99E-31	-0.31114	0.33	0.364	9.38E-27	Myeloid ce PHB
2105	ELOVL5	5.89E-31	-0.36065	0.251	0.297	1.11E-26	Myeloid ce ELOVL5
2106	IL6ST	6.56E-31	-0.317	0.126	0.184	1.23E-26	Myeloid ce IL6ST
2107	ZC3HAV1	6.98E-31	-0.30938	0.215	0.271	1.31E-26	Myeloid ce ZC3HAV1
2108	DIP2A	7.86E-31	-0.28846	0.089	0.142	1.48E-26	Myeloid ce DIP2A
2109	TRAP1	8.68E-31	-0.27727	0.096	0.148	1.63E-26	Myeloid ce TRAP1
2110	DOCK10	5.38E-30	-0.28874	0.114	0.168	1.01E-25	Myeloid ce DOCK10
2111	CACYBP	5.69E-30	-0.32096	0.352	0.38	1.07E-25	Myeloid ce CACYBP
2112	ZNF800	5.76E-30	-0.32711	0.181	0.232	1.08E-25	Myeloid ce ZNF800
2113	NDUFA5	7.87E-30	-0.32983	0.271	0.312	1.48E-25	Myeloid ce NDUFA5
2114	ZNF430	9.23E-30	-0.25278	0.083	0.135	1.73E-25	Myeloid ce ZNF430

2115	PTPN22	1.32E-29	-0.25753	0.079	0.131	2.48E-25	Myeloid ce PTPN22
2116	GIMAP6	1.52E-29	-0.32845	0.125	0.177	2.85E-25	Myeloid ce GIMAP6
2117	ARL14EP	1.61E-29	-0.28172	0.126	0.18	3.02E-25	Myeloid ce ARL14EP
2118	BZW2	1.61E-29	-0.29878	0.14	0.192	3.02E-25	Myeloid ce BZW2
2119	STRAP	2.09E-29	-0.31883	0.345	0.371	3.94E-25	Myeloid ce STRAP
2120	CYTH1	2.53E-29	-0.3299	0.308	0.348	4.75E-25	Myeloid ce CYTH1
2121	LUC7L2	2.55E-29	-0.32627	0.202	0.251	4.80E-25	Myeloid ce LUC7L2
2122	DDX18	2.57E-29	-0.33343	0.36	0.388	4.82E-25	Myeloid ce DDX18
2123	C9orf16	2.78E-29	-0.26138	0.614	0.593	5.23E-25	Myeloid ce C9orf16
2124	THUMPD3	3.59E-29	-0.31103	0.149	0.203	6.74E-25	Myeloid ce THUMPD3-AS1
2125	POLR3GL	4.04E-29	-0.33418	0.235	0.281	7.59E-25	Myeloid ce POLR3GL
2126	NUAK2	4.15E-29	-0.27665	0.09	0.142	7.80E-25	Myeloid ce NUAK2
2127	SCOC	5.70E-29	-0.28159	0.103	0.154	1.07E-24	Myeloid ce SCOC
2128	CAMK2D	7.26E-29	-0.2803	0.07	0.119	1.36E-24	Myeloid ce CAMK2D
2129	ERGIC2	8.19E-29	-0.30079	0.15	0.201	1.54E-24	Myeloid ce ERGIC2
2130	SSRP1	9.81E-29	-0.30626	0.171	0.221	1.84E-24	Myeloid ce SSRP1
2131	RNF126	1.26E-28	-0.31551	0.177	0.228	2.37E-24	Myeloid ce RNF126
2132	HADH	1.75E-28	-0.25392	0.081	0.13	3.29E-24	Myeloid ce HADH
2133	RASSF7	1.83E-28	-0.29395	0.128	0.181	3.43E-24	Myeloid ce RASSF7
2134	ZNF131	1.96E-28	-0.25723	0.087	0.137	3.68E-24	Myeloid ce ZNF131
2135	PRKRA	3.29E-28	-0.2841	0.118	0.169	6.18E-24	Myeloid ce PRKRA
2136	CLNS1A	4.21E-28	-0.30145	0.383	0.407	7.90E-24	Myeloid ce CLNS1A
2137	ANAPC5	4.30E-28	-0.31592	0.301	0.336	8.08E-24	Myeloid ce ANAPC5
2138	DKC1	4.43E-28	-0.26649	0.1	0.15	8.32E-24	Myeloid ce DKC1
2139	MRPL39	6.13E-28	-0.26854	0.091	0.14	1.15E-23	Myeloid ce MRPL39
2140	HOXB2	6.88E-28	-0.29625	0.082	0.129	1.29E-23	Myeloid ce HOXB2
2141	NT5C	7.75E-28	-0.38485	0.355	0.379	1.46E-23	Myeloid ce NT5C
2142	UBLCP1	9.62E-28	-0.30544	0.179	0.229	1.81E-23	Myeloid ce UBLCP1
2143	DMAC1	1.10E-27	-0.30458	0.152	0.203	2.08E-23	Myeloid ce DMAC1
2144	ALOX5AP	1.13E-27	0.614013	0.413	0.354	2.12E-23	Myeloid ce ALOX5AP
2145	RNF113A	1.64E-27	-0.3081	0.164	0.213	3.08E-23	Myeloid ce RNF113A
2146	TATDN1	2.22E-27	-0.30169	0.129	0.18	4.17E-23	Myeloid ce TATDN1
2147	YTHDF2	2.49E-27	-0.3043	0.279	0.316	4.67E-23	Myeloid ce YTHDF2
2148	ANKRD10	2.53E-27	-0.32676	0.214	0.261	4.74E-23	Myeloid ce ANKRD10
2149	ARHGAP45	3.20E-27	-0.31342	0.37	0.399	6.02E-23	Myeloid ce ARHGAP45
2150	C16orf74	3.62E-27	-0.27927	0.067	0.114	6.79E-23	Myeloid ce C16orf74
2151	SPCS2	3.62E-27	-0.34876	0.41	0.42	6.80E-23	Myeloid ce SPCS2
2152	MRPS31	3.97E-27	-0.28978	0.117	0.168	7.46E-23	Myeloid ce MRPS31
2153	CBLL1	4.95E-27	-0.26726	0.097	0.146	9.30E-23	Myeloid ce CBLL1
2154	ABT1	4.97E-27	-0.31073	0.201	0.245	9.34E-23	Myeloid ce ABT1
2155	NOA1	5.44E-27	-0.27111	0.124	0.173	1.02E-22	Myeloid ce NOA1
2156	NDUFV1	5.57E-27	-0.31361	0.332	0.361	1.05E-22	Myeloid ce NDUFV1
2157	RANGRF	7.10E-27	-0.29584	0.147	0.197	1.33E-22	Myeloid ce RANGRF
2158	OMA1	8.35E-27	-0.25498	0.083	0.131	1.57E-22	Myeloid ce OMA1
2159	TCEA1	8.44E-27	-0.28008	0.493	0.492	1.59E-22	Myeloid ce TCEA1
2160	TMEM35B	1.14E-26	-0.31332	0.135	0.183	2.15E-22	Myeloid ce TMEM35B
2161	ICAM2	1.54E-26	-0.28147	0.354	0.393	2.89E-22	Myeloid ce ICAM2

2162	FTSJ1	4.29E-26	-0.25791	0.111	0.159	8.05E-22	Myeloid ce FTSJ1
2163	ALDH9A1	6.52E-26	-0.30206	0.17	0.217	1.23E-21	Myeloid ce ALDH9A1
2164	CENPC	7.08E-26	-0.25665	0.105	0.154	1.33E-21	Myeloid ce CENPC
2165	SPTAN1	1.65E-25	-0.28065	0.151	0.202	3.10E-21	Myeloid ce SPTAN1
2166	SDAD1	1.69E-25	-0.28418	0.157	0.204	3.17E-21	Myeloid ce SDAD1
2167	CHD2	1.84E-25	-0.29098	0.18	0.231	3.46E-21	Myeloid ce CHD2
2168	ACADM	2.00E-25	-0.28947	0.129	0.177	3.76E-21	Myeloid ce ACADM
2169	PDIA4	2.35E-25	-0.35123	0.184	0.227	4.41E-21	Myeloid ce PDIA4
2170	UPF3A	2.67E-25	-0.28803	0.159	0.208	5.01E-21	Myeloid ce UPF3A
2171	PDCD2	3.08E-25	-0.30661	0.238	0.277	5.78E-21	Myeloid ce PDCD2
2172	RASGRP2	3.84E-25	-0.2967	0.523	0.525	7.21E-21	Myeloid ce RASGRP2
2173	EIF3I	5.93E-25	-0.28593	0.417	0.425	1.11E-20	Myeloid ce EIF3I
2174	LMAN1	7.44E-25	-0.31822	0.153	0.197	1.40E-20	Myeloid ce LMAN1
2175	EIF2A	1.12E-24	-0.3291	0.259	0.293	2.10E-20	Myeloid ce EIF2A
2176	FIP1L1	1.12E-24	-0.28663	0.159	0.205	2.11E-20	Myeloid ce FIP1L1
2177	TOMM20	1.42E-24	-0.29093	0.462	0.463	2.67E-20	Myeloid ce TOMM20
2178	PYURF	1.63E-24	-0.28787	0.422	0.432	3.06E-20	Myeloid ce PYURF
2179	SPSB3	1.78E-24	-0.30138	0.397	0.415	3.35E-20	Myeloid ce SPSB3
2180	FPGS	1.81E-24	-0.27389	0.123	0.169	3.41E-20	Myeloid ce FPGS
2181	MRPS6	1.91E-24	-0.31327	0.347	0.372	3.59E-20	Myeloid ce MRPS6
2182	LUC7L3	2.30E-24	-0.30567	0.38	0.403	4.31E-20	Myeloid ce LUC7L3
2183	METTL17	3.33E-24	-0.26893	0.136	0.184	6.25E-20	Myeloid ce METTL17
2184	RASSF5	3.72E-24	-0.31629	0.274	0.31	6.98E-20	Myeloid ce RASSF5
2185	DEGS1	3.83E-24	-0.31416	0.18	0.224	7.20E-20	Myeloid ce DEGS1
2186	THUMPD1	3.88E-24	-0.25028	0.117	0.164	7.30E-20	Myeloid ce THUMPD1
2187	TVP23B	4.16E-24	-0.26319	0.098	0.143	7.81E-20	Myeloid ce TVP23B
2188	U2AF1L4	4.20E-24	-0.2765	0.139	0.186	7.89E-20	Myeloid ce U2AF1L4
2189	CLK4	4.66E-24	-0.2687	0.102	0.147	8.76E-20	Myeloid ce CLK4
2190	RAB37	5.62E-24	-0.28846	0.112	0.159	1.06E-19	Myeloid ce RAB37
2191	PLRG1	8.32E-24	-0.2667	0.123	0.168	1.56E-19	Myeloid ce PLRG1
2192	VBP1	9.52E-24	-0.27135	0.168	0.213	1.79E-19	Myeloid ce VBP1
2193	NUTF2	1.13E-23	-0.30499	0.346	0.367	2.12E-19	Myeloid ce NUTF2
2194	SYVN1	1.27E-23	-0.27633	0.095	0.14	2.38E-19	Myeloid ce SYVN1
2195	TMED4	1.58E-23	-0.31452	0.231	0.268	2.97E-19	Myeloid ce TMED4
2196	SUMF2	1.75E-23	-0.26758	0.141	0.187	3.29E-19	Myeloid ce SUMF2
2197	EIF4E	1.81E-23	-0.31406	0.196	0.236	3.41E-19	Myeloid ce EIF4E
2198	SP100	1.89E-23	-0.33346	0.48	0.472	3.55E-19	Myeloid ce SP100
2199	SRSF11	2.83E-23	-0.28907	0.409	0.422	5.32E-19	Myeloid ce SRSF11
2200	HDAC2	2.86E-23	-0.30927	0.228	0.265	5.37E-19	Myeloid ce HDAC2
2201	N4BP2L2	3.75E-23	-0.27278	0.484	0.487	7.04E-19	Myeloid ce N4BP2L2
2202	RPN2	6.60E-23	-0.28663	0.413	0.422	1.24E-18	Myeloid ce RPN2
2203	RBBP6	7.16E-23	-0.25247	0.134	0.181	1.34E-18	Myeloid ce RBBP6
2204	CCDC107	7.27E-23	-0.37117	0.254	0.283	1.37E-18	Myeloid ce CCDC107
2205	PRELID3B	7.35E-23	-0.26036	0.141	0.187	1.38E-18	Myeloid ce PRELID3B
2206	TSR2	9.67E-23	-0.28395	0.151	0.194	1.82E-18	Myeloid ce TSR2
2207	SSBP1	1.57E-22	-0.25213	0.499	0.492	2.96E-18	Myeloid ce SSBP1
2208	DHPS	1.58E-22	-0.3214	0.286	0.315	2.98E-18	Myeloid ce DHPS

2209	LMBRD1	1.87E-22	-0.32595	0.259	0.293	3.51E-18	Myeloid ce LMBRD1
2210	EXOSC5	2.56E-22	-0.28759	0.16	0.202	4.82E-18	Myeloid ce EXOSC5
2211	BCAS2	4.83E-22	-0.27838	0.149	0.191	9.07E-18	Myeloid ce BCAS2
2212	TMEM230	8.14E-22	-0.28339	0.387	0.399	1.53E-17	Myeloid ce TMEM230
2213	HARS	9.87E-22	-0.26293	0.13	0.172	1.85E-17	Myeloid ce HARS
2214	HAX1	2.36E-21	-0.30363	0.354	0.366	4.44E-17	Myeloid ce HAX1
2215	MRPL9	3.28E-21	-0.28604	0.185	0.224	6.16E-17	Myeloid ce MRPL9
2216	MRPL3	4.34E-21	-0.28748	0.213	0.248	8.15E-17	Myeloid ce MRPL3
2217	RELA	4.51E-21	-0.2649	0.177	0.217	8.48E-17	Myeloid ce RELA
2218	REST	4.86E-21	-0.2782	0.153	0.193	9.14E-17	Myeloid ce REST
2219	CUTC	4.89E-21	-0.25549	0.149	0.192	9.18E-17	Myeloid ce CUTC
2220	MZT2B	5.80E-21	-0.31028	0.251	0.289	1.09E-16	Myeloid ce MZT2B
2221	IKZF1	6.89E-21	-0.28334	0.34	0.366	1.30E-16	Myeloid ce IKZF1
2222	MBNL1	7.29E-21	-0.28815	0.479	0.476	1.37E-16	Myeloid ce MBNL1
2223	NBDY	1.02E-20	-0.30628	0.208	0.244	1.91E-16	Myeloid ce NBDY
2224	ILF3-DT	1.13E-20	-0.26859	0.133	0.175	2.13E-16	Myeloid ce ILF3-DT
2225	PAFAH1B3	1.23E-20	-0.2556	0.143	0.185	2.31E-16	Myeloid ce PAFAH1B3
2226	MRPL46	2.10E-20	-0.25022	0.11	0.15	3.94E-16	Myeloid ce MRPL46
2227	ARMH1	2.18E-20	-0.27958	0.153	0.197	4.09E-16	Myeloid ce ARMH1
2228	SNRPA1	2.57E-20	-0.31242	0.243	0.273	4.83E-16	Myeloid ce SNRPA1
2229	HSP90B1	4.43E-20	-0.38071	0.5	0.505	8.32E-16	Myeloid ce HSP90B1
2230	TSEN15	4.47E-20	-0.25415	0.132	0.172	8.39E-16	Myeloid ce TSEN15
2231	OXLD1	6.25E-20	-0.28974	0.231	0.264	1.17E-15	Myeloid ce OXLD1
2232	TBC1D10A	6.83E-20	-0.28071	0.161	0.199	1.28E-15	Myeloid ce TBC1D10A
2233	LETMD1	6.88E-20	-0.27812	0.168	0.207	1.29E-15	Myeloid ce LETMD1
2234	RGS10	8.89E-20	-0.36288	0.565	0.527	1.67E-15	Myeloid ce RGS10
2235	SIGIRR	9.34E-20	-0.32776	0.394	0.398	1.75E-15	Myeloid ce SIGIRR
2236	XAB2	1.31E-19	-0.26327	0.164	0.203	2.46E-15	Myeloid ce XAB2
2237	ARHGEF3	1.45E-19	-0.26301	0.12	0.159	2.72E-15	Myeloid ce ARHGEF3
2238	KIAA1551	1.53E-19	-0.27525	0.244	0.282	2.87E-15	Myeloid ce KIAA1551
2239	SBDS	2.44E-19	-0.26209	0.154	0.193	4.59E-15	Myeloid ce SBDS
2240	NELFCD	2.88E-19	-0.28247	0.162	0.198	5.41E-15	Myeloid ce NELFCD
2241	DPF2	3.78E-19	-0.25376	0.137	0.175	7.10E-15	Myeloid ce DPF2
2242	HNRNPH3	6.67E-19	-0.28527	0.384	0.391	1.25E-14	Myeloid ce HNRNPH3
2243	OLA1	7.71E-19	-0.28118	0.293	0.312	1.45E-14	Myeloid ce OLA1
2244	RGL4	8.68E-19	0.493066	0.147	0.11	1.63E-14	Myeloid ce RGL4
2245	POLR2C	9.40E-19	-0.27162	0.186	0.221	1.77E-14	Myeloid ce POLR2C
2246	ING4	9.68E-19	-0.28697	0.18	0.215	1.82E-14	Myeloid ce ING4
2247	SYNRG	1.12E-18	-0.2559	0.174	0.214	2.10E-14	Myeloid ce SYNRG
2248	MAT2A	1.13E-18	-0.29798	0.223	0.256	2.11E-14	Myeloid ce MAT2A
2249	DPP7	1.20E-18	-0.26135	0.467	0.462	2.25E-14	Myeloid ce DPP7
2250	TTC14	1.42E-18	-0.25025	0.15	0.19	2.68E-14	Myeloid ce TTC14
2251	DNPH1	3.46E-18	-0.26913	0.228	0.262	6.49E-14	Myeloid ce DNPH1
2252	INO80E	3.93E-18	-0.28764	0.252	0.28	7.38E-14	Myeloid ce INO80E
2253	PYCR2	1.08E-17	-0.25236	0.114	0.15	2.02E-13	Myeloid ce PYCR2
2254	NONO	1.83E-17	-0.28361	0.293	0.313	3.45E-13	Myeloid ce NONO
2255	DDOST	1.91E-17	-0.27518	0.445	0.439	3.59E-13	Myeloid ce DDOST

2256	CEP57	2.35E-17	-0.2588	0.178	0.213	4.42E-13	Myeloid ce CEP57
2257	PDIA3	2.70E-17	-0.27233	0.508	0.509	5.06E-13	Myeloid ce PDIA3
2258	MRPL24	6.91E-17	-0.27497	0.183	0.215	1.30E-12	Myeloid ce MRPL24
2259	WBP11	7.23E-17	-0.25612	0.168	0.201	1.36E-12	Myeloid ce WBP11
2260	RNF167	7.27E-17	-0.30103	0.349	0.358	1.37E-12	Myeloid ce RNF167
2261	CLPP	8.01E-17	-0.28181	0.263	0.286	1.50E-12	Myeloid ce CLPP
2262	ATRX	8.94E-17	-0.26955	0.295	0.319	1.68E-12	Myeloid ce ATRX
2263	CHTF8	1.11E-16	-0.27591	0.192	0.224	2.09E-12	Myeloid ce CHTF8
2264	RNF138	1.75E-16	-0.25688	0.168	0.201	3.28E-12	Myeloid ce RNF138
2265	TAP1	2.10E-16	-0.2763	0.354	0.369	3.94E-12	Myeloid ce TAP1
2266	WDR33	2.19E-16	-0.27433	0.194	0.225	4.12E-12	Myeloid ce WDR33
2267	TBCC	2.78E-16	-0.2526	0.133	0.167	5.23E-12	Myeloid ce TBCC
2268	APOBEC3G	4.88E-16	-0.42648	0.198	0.223	9.17E-12	Myeloid ce APOBEC3G
2269	NME4	5.89E-16	-0.25097	0.163	0.197	1.11E-11	Myeloid ce NME4
2270	HSPA5	7.93E-16	-0.35605	0.392	0.391	1.49E-11	Myeloid ce HSPA5
2271	RP9	1.05E-15	-0.25712	0.116	0.15	1.98E-11	Myeloid ce RP9
2272	TES	1.50E-15	-0.27347	0.259	0.284	2.81E-11	Myeloid ce TES
2273	BBX	3.02E-15	-0.2593	0.148	0.18	5.67E-11	Myeloid ce BBX
2274	SSB	3.05E-15	-0.26455	0.41	0.403	5.72E-11	Myeloid ce SSB
2275	RPL22L1	3.87E-15	-0.28849	0.477	0.462	7.27E-11	Myeloid ce RPL22L1
2276	MANF	5.19E-15	-0.26869	0.124	0.156	9.75E-11	Myeloid ce MANF
2277	PIK3R1	5.74E-15	-0.2747	0.169	0.2	1.08E-10	Myeloid ce PIK3R1
2278	CCDC32	7.97E-15	-0.2618	0.131	0.163	1.50E-10	Myeloid ce CCDC32
2279	DNMT1	8.09E-15	-0.27419	0.189	0.217	1.52E-10	Myeloid ce DNMT1
2280	RPAIN	8.26E-15	-0.28527	0.238	0.26	1.55E-10	Myeloid ce RPAIN
2281	EWSR1	8.99E-15	-0.2573	0.397	0.397	1.69E-10	Myeloid ce EWSR1
2282	CYB5A	1.05E-14	-0.278	0.161	0.19	1.98E-10	Myeloid ce CYB5A
2283	DAP3	1.30E-14	-0.26427	0.271	0.29	2.44E-10	Myeloid ce DAP3
2284	SSBP2	1.51E-14	-0.27265	0.103	0.133	2.83E-10	Myeloid ce SSBP2
2285	ARL2BP	1.78E-14	-0.26406	0.216	0.24	3.34E-10	Myeloid ce ARL2BP
2286	BZW1	2.07E-14	-0.2719	0.362	0.366	3.89E-10	Myeloid ce BZW1
2287	HBB	2.59E-14	-2.52851	0.117	0.083	4.86E-10	Myeloid ce HBB
2288	IFT57	3.06E-14	-0.27325	0.121	0.152	5.76E-10	Myeloid ce IFT57
2289	HLA-DQA1	3.29E-14	-0.67435	0.27	0.279	6.19E-10	Myeloid ce HLA-DQA1
2290	MORC3	4.29E-14	-0.25426	0.165	0.195	8.05E-10	Myeloid ce MORC3
2291	TINF2	4.83E-14	-0.28776	0.25	0.268	9.07E-10	Myeloid ce TINF2
2292	DCXR	4.85E-14	-0.27662	0.425	0.416	9.10E-10	Myeloid ce DCXR
2293	DCTPP1	6.10E-14	-0.25681	0.143	0.172	1.15E-09	Myeloid ce DCTPP1
2294	SLC25A39	7.02E-14	-0.29855	0.271	0.286	1.32E-09	Myeloid ce SLC25A39
2295	TIAL1	8.29E-14	-0.26534	0.281	0.297	1.56E-09	Myeloid ce TIAL1
2296	ST3GAL1	1.02E-13	-0.25939	0.171	0.199	1.92E-09	Myeloid ce ST3GAL1
2297	NAXE	1.03E-13	-0.26853	0.262	0.28	1.94E-09	Myeloid ce NAXE
2298	TRPT1	1.54E-13	-0.28333	0.188	0.212	2.89E-09	Myeloid ce TRPT1
2299	GIMAP2	1.59E-13	-0.29619	0.226	0.247	2.99E-09	Myeloid ce GIMAP2
2300	PPIE	1.65E-13	-0.25212	0.184	0.21	3.09E-09	Myeloid ce PPIE
2301	AASDHPPT	1.66E-13	-0.25616	0.186	0.212	3.12E-09	Myeloid ce AASDHPPT
2302	SLC50A1	5.11E-13	-0.2733	0.146	0.174	9.60E-09	Myeloid ce SLC50A1

2303	IMP4	5.30E-13	-0.25332	0.21	0.233	9.95E-09	Myeloid ce IMP4
2304	NDFIP1	6.58E-13	-0.2877	0.467	0.443	1.24E-08	Myeloid ce NDFIP1
2305	SUN2	8.94E-13	-0.28768	0.271	0.288	1.68E-08	Myeloid ce SUN2
2306	KHDRBS1	2.55E-12	-0.28912	0.269	0.285	4.79E-08	Myeloid ce KHDRBS1
2307	ZNF24	2.64E-12	-0.2551	0.248	0.265	4.96E-08	Myeloid ce ZNF24
2308	THYN1	3.23E-12	-0.25263	0.256	0.271	6.07E-08	Myeloid ce THYN1
2309	PDAP1	4.50E-12	-0.26131	0.275	0.287	8.44E-08	Myeloid ce PDAP1
2310	CD40	4.84E-12	-0.4396	0.134	0.157	9.09E-08	Myeloid ce CD40
2311	SARS	1.39E-11	-0.25599	0.288	0.297	2.60E-07	Myeloid ce SARS
2312	LYAR	4.89E-11	-0.42103	0.144	0.166	9.18E-07	Myeloid ce LYAR
2313	LHPP	4.98E-11	-0.28684	0.137	0.162	9.35E-07	Myeloid ce LHPP
2314	TCP1	6.39E-11	-0.25203	0.266	0.276	1.20E-06	Myeloid ce TCP1
2315	TPR	8.74E-10	-0.27582	0.398	0.387	1.64E-05	Myeloid ce TPR
2316	HVCN1	1.65E-09	-0.73232	0.297	0.282	3.10E-05	Myeloid ce HVCN1
2317	PLEKHF2	5.31E-09	-0.29293	0.155	0.174	9.98E-05	Myeloid ce PLEKHF2
2318	RANBP1	7.10E-09	-0.25094	0.318	0.314	0.000133	Myeloid ce RANBP1
2319	DUT	4.19E-08	-0.25705	0.379	0.362	0.000787	Myeloid ce DUT
2324	SPINK2	0	2.774978	0.825	0.014	0	Hematopo SPINK2
2325	EGFL7	0	2.293253	0.762	0.006	0	Hematopo EGFL7
2326	PRSS57	0	2.225047	0.73	0.005	0	Hematopo PRSS57
2327	PRSS2	0	1.939628	0.159	0	0	Hematopo PRSS2
2328	SMIM24	0	1.871315	0.746	0.003	0	Hematopo SMIM24
2329	CD34	0	1.74631	0.667	0	0	Hematopo CD34
2330	C1QTNF4	0	1.689862	0.444	0	0	Hematopo C1QTNF4
2331	AVP	0	1.622064	0.413	0	0	Hematopo AVP
2332	CYTL1	0	1.418353	0.524	0.001	0	Hematopo CYTL1
2333	CRHBP	0	1.411596	0.492	0	0	Hematopo CRHBP
2334	MDK	0	1.297448	0.46	0.005	0	Hematopo MDK
2335	HOXA9	0	1.168232	0.413	0.002	0	Hematopo HOXA9
2336	LINC02573	0	1.051215	0.397	0	0	Hematopo LINC02573
2337	FLT3	0	0.953353	0.413	0.005	0	Hematopo FLT3
2338	TFPI	0	0.802542	0.397	0.002	0	Hematopo TFPI
2339	IGLL1	0	0.781779	0.286	0	0	Hematopo IGLL1
2340	HOXA10	0	0.775198	0.365	0.003	0	Hematopo HOXA10
2341	GATA2	0	0.771788	0.286	0.001	0	Hematopo GATA2
2342	FSCN1	0	0.739891	0.413	0.005	0	Hematopo FSCN1
2343	MSRB3	0	0.728375	0.397	0.002	0	Hematopo MSRB3
2344	BAALC	0	0.725848	0.381	0.001	0	Hematopo BAALC
2345	NPR3	0	0.723165	0.317	0	0	Hematopo NPR3
2346	CPA3	0	0.70811	0.222	0	0	Hematopo CPA3
2347	HPGDS	0	0.689125	0.206	0.001	0	Hematopo HPGDS
2348	HACD1	0	0.684428	0.397	0.006	0	Hematopo HACD1
2349	BPMS	0	0.618108	0.286	0.001	0	Hematopo BPMS
2350	ADGRG6	0	0.594435	0.254	0	0	Hematopo ADGRG6
2351	EMP1	0	0.580604	0.238	0.002	0	Hematopo EMP1
2352	TCTEX1D1	0	0.557334	0.238	0.001	0	Hematopo TCTEX1D1
2353	BEX1	0	0.544299	0.175	0.001	0	Hematopo BEX1

2354 AC002454.	0	0.536802	0.206	0	0	Hematopo AC002454.1
2355 PROM1	0	0.529567	0.222	0	0	Hematopo PROM1
2356 HOXA7	0	0.521124	0.206	0	0	Hematopo HOXA7
2357 TM4SF1	0	0.430466	0.143	0	0	Hematopo TM4SF1
2358 ERG	0	0.392126	0.222	0	0	Hematopo ERG
2359 AC016735.	0	0.391771	0.175	0	0	Hematopo AC016735.1
2360 MFAP2	0	0.388928	0.143	0	0	Hematopo MFAP2
2361 CRYGD	0	0.378793	0.175	0	0	Hematopo CRYGD
2362 SCHIP1	0	0.365524	0.159	0	0	Hematopo SCHIP1
2363 ITGA9	0	0.284682	0.127	0	0	Hematopo ITGA9
2364 TMEM136	0	0.284034	0.127	0	0	Hematopo TMEM136
2365 CACNB2	0	0.254334	0.111	0	0	Hematopo CACNB2
2366 SELENOP	0	0.250194	0.127	0	0	Hematopo SELENOP
2367 KCNK17	8.34E-305	0.692283	0.19	0.001	1.57E-300	Hematopo KCNK17
2368 IL1B.1	6.91E-278	1.232008	0.54	0.013	1.30E-273	Hematopo IL1B
2369 CPXM1	3.39E-275	0.577635	0.302	0.004	6.37E-271	Hematopo CPXM1
2370 DYTN	1.89E-245	0.261037	0.111	0.001	3.55E-241	Hematopo DYTN
2371 RAC3	2.01E-239	0.36385	0.175	0.001	3.77E-235	Hematopo RAC3
2372 MAP7	3.02E-237	0.570639	0.302	0.005	5.67E-233	Hematopo MAP7
2373 PLOD2	1.17E-230	0.287783	0.127	0.001	2.19E-226	Hematopo PLOD2
2374 TSC22D1	1.80E-222	1.557963	0.667	0.025	3.39E-218	Hematopo TSC22D1
2375 GATA1	4.47E-222	0.572851	0.175	0.002	8.39E-218	Hematopo GATA1
2376 CHST13	1.76E-217	0.509935	0.286	0.005	3.31E-213	Hematopo CHST13
2377 LRRC70	1.06E-214	0.603406	0.27	0.004	2.00E-210	Hematopo LRRC70
2378 REXO5	3.01E-209	0.346513	0.206	0.002	5.66E-205	Hematopo REXO5
2379 TCEAL9	2.33E-206	0.525071	0.365	0.008	4.37E-202	Hematopo TCEAL9
2380 CFH	1.69E-205	0.287287	0.159	0.001	3.17E-201	Hematopo CFH
2381 CMBL	3.70E-199	0.395954	0.206	0.003	6.94E-195	Hematopo CMBL
2382 RAB13	3.85E-195	0.988056	0.508	0.017	7.23E-191	Hematopo RAB13
2383 IL18.1	2.30E-194	1.073597	0.508	0.017	4.32E-190	Hematopo IL18
2384 EREG	4.37E-184	0.332255	0.175	0.002	8.22E-180	Hematopo EREG
2385 ANKRD28	9.45E-184	1.486971	0.635	0.028	1.78E-179	Hematopo ANKRD28
2386 C8orf88	2.03E-168	0.69608	0.413	0.013	3.81E-164	Hematopo C8orf88
2387 LAPTM4B	5.04E-164	0.540583	0.286	0.006	9.46E-160	Hematopo LAPTM4B
2388 FHL2	3.08E-162	0.409085	0.254	0.005	5.79E-158	Hematopo FHL2
2389 SERPING1	2.34E-161	0.691094	0.365	0.01	4.40E-157	Hematopo SERPING1
2390 ATP8B4	1.60E-155	0.853817	0.381	0.012	3.00E-151	Hematopo ATP8B4
2391 XXYLT1-AS	4.32E-153	0.333711	0.19	0.003	8.11E-149	Hematopo XXYLT1-AS2
2392 MMRN1	8.87E-150	0.503716	0.19	0.003	1.67E-145	Hematopo MMRN1
2393 AL157895.	1.86E-143	0.627505	0.111	0.001	3.49E-139	Hematopo AL157895.1
2394 SH3D21	4.29E-138	0.253706	0.175	0.003	8.05E-134	Hematopo SH3D21
2395 GFI1B	3.78E-137	0.306365	0.19	0.003	7.10E-133	Hematopo GFI1B
2396 MAP1A	1.12E-135	0.489696	0.222	0.005	2.11E-131	Hematopo MAP1A
2397 MTURN	3.92E-132	0.404156	0.254	0.006	7.37E-128	Hematopo MTURN
2398 GUCY1B1	2.39E-131	0.508687	0.317	0.01	4.49E-127	Hematopo GUCY1B1
2399 DNNT	6.41E-131	1.142165	0.111	0.001	1.20E-126	Hematopo DNNT
2400 EPDR1	3.11E-129	0.304726	0.175	0.003	5.84E-125	Hematopo EPDR1

2401	KLF1	1.17E-128	0.420988	0.143	0.002	2.21E-124	Hematopo KLF1
2402	AC084033.3	3.61E-126	1.854426	0.714	0.053	6.78E-122	Hematopo AC084033.3
2403	GUCY1A1	2.06E-124	0.331216	0.222	0.005	3.87E-120	Hematopo GUCY1A1
2404	GNA15.1	1.95E-122	0.911774	0.444	0.02	3.66E-118	Hematopo GNA15
2405	H1FO	3.59E-122	0.956269	0.413	0.018	6.74E-118	Hematopo H1FO
2406	DEPP1	6.51E-122	0.612047	0.159	0.003	1.22E-117	Hematopo DEPP1
2407	AKR1C3	2.77E-120	0.996669	0.571	0.033	5.21E-116	Hematopo AKR1C3
2408	FRMD4B	3.04E-119	0.640347	0.381	0.015	5.71E-115	Hematopo FRMD4B
2409	BCAT1	6.71E-119	0.527605	0.333	0.012	1.26E-114	Hematopo BCAT1
2410	SNCA	3.33E-117	0.655312	0.413	0.018	6.26E-113	Hematopo SNCA
2411	PBX1	5.89E-116	0.26741	0.127	0.002	1.11E-111	Hematopo PBX1
2412	MYB	1.50E-113	0.491173	0.238	0.006	2.82E-109	Hematopo MYB
2413	PLTP	5.41E-113	0.403319	0.222	0.006	1.02E-108	Hematopo PLTP
2414	TNFSF4	2.35E-112	0.360208	0.159	0.003	4.42E-108	Hematopo TNFSF4
2415	FHL1	3.04E-110	1.013569	0.492	0.027	5.71E-106	Hematopo FHL1
2416	PRELID2	3.40E-110	0.257847	0.19	0.004	6.39E-106	Hematopo PRELID2
2417	SCARF1	1.43E-109	0.29099	0.127	0.002	2.68E-105	Hematopo SCARF1
2418	IGFBP7.1	4.95E-105	1.326685	0.698	0.056	9.29E-101	Hematopo IGFBP7
2419	IGF2BP2	1.04E-101	0.406811	0.19	0.005	1.95E-97	Hematopo IGF2BP2
2420	MBOAT7.1	1.21E-98	1.313988	0.683	0.057	2.27E-94	Hematopo MBOAT7
2421	ALDH1A1	1.10E-97	0.610737	0.254	0.008	2.06E-93	Hematopo ALDH1A1
2422	FAM30A.1	3.89E-97	2.471056	0.841	0.093	7.31E-93	Hematopo FAM30A
2423	AC026369.3	2.94E-94	0.526634	0.19	0.005	5.51E-90	Hematopo AC026369.3
2424	DPY19L2	4.28E-91	0.475295	0.222	0.007	8.04E-87	Hematopo DPY19L2
2425	ZNRF1	6.85E-91	0.431269	0.238	0.008	1.29E-86	Hematopo ZNRF1
2426	NECTIN2	4.95E-90	0.398878	0.222	0.007	9.29E-86	Hematopo NECTIN2
2427	SLC27A2	8.38E-90	0.366277	0.159	0.004	1.57E-85	Hematopo SLC27A2
2428	SAMD13	2.15E-89	0.311937	0.159	0.004	4.05E-85	Hematopo SAMD13
2429	DEPTOR	4.01E-89	0.304965	0.206	0.006	7.53E-85	Hematopo DEPTOR
2430	NPDC1	2.05E-88	1.643461	0.571	0.046	3.85E-84	Hematopo NPDC1
2431	SOX4	6.06E-87	2.045409	0.825	0.101	1.14E-82	Hematopo SOX4
2432	NPW	3.11E-86	0.275715	0.127	0.002	5.84E-82	Hematopo NPW
2433	HEMGN	6.13E-86	0.719525	0.349	0.017	1.15E-81	Hematopo HEMGN
2434	ZNF436-AS	7.23E-85	0.332335	0.19	0.005	1.36E-80	Hematopo ZNF436-AS1
2435	GNAI1	2.22E-83	0.467958	0.254	0.01	4.17E-79	Hematopo GNAI1
2436	ZNF711	4.65E-83	0.317547	0.19	0.006	8.73E-79	Hematopo ZNF711
2437	IL17RE	2.10E-80	0.272488	0.127	0.003	3.95E-76	Hematopo IL17RE
2438	NFE2.1	9.10E-79	1.238355	0.635	0.06	1.71E-74	Hematopo NFE2
2439	CAVIN2	1.25E-77	0.339516	0.27	0.012	2.34E-73	Hematopo CAVIN2
2440	LINC02470	5.22E-77	0.370996	0.206	0.007	9.81E-73	Hematopo LINC02470
2441	AC246787.2	1.64E-76	0.540891	0.286	0.013	3.08E-72	Hematopo AC246787.2
2442	CALCRL	2.06E-76	0.616627	0.206	0.007	3.87E-72	Hematopo CALCRL
2443	MGST2.1	6.80E-75	1.05123	0.571	0.052	1.28E-70	Hematopo MGST2
2444	MEST	6.76E-72	0.710743	0.381	0.025	1.27E-67	Hematopo MEST
2445	NREP	1.71E-71	0.75872	0.508	0.042	3.21E-67	Hematopo NREP
2446	DPPA4	2.55E-71	0.480293	0.206	0.008	4.79E-67	Hematopo DPPA4
2447	MGLL	3.93E-71	0.520955	0.286	0.014	7.38E-67	Hematopo MGLL

2448 PTMS	1.07E-70	0.97229	0.46	0.036	2.00E-66 Hematopo PTMS
2449 GNG11	6.00E-70	0.822184	0.397	0.027	1.13E-65 Hematopo GNG11
2450 ARMCX1	1.16E-69	0.344599	0.175	0.006	2.18E-65 Hematopo ARMCX1
2451 RAMP1	1.78E-69	0.763134	0.27	0.013	3.35E-65 Hematopo RAMP1
2452 ARHGAP22	6.12E-69	0.333385	0.127	0.003	1.15E-64 Hematopo ARHGAP22
2453 ALG1L2	7.98E-63	0.292767	0.175	0.006	1.50E-58 Hematopo ALG1L2
2454 FBXW9	1.40E-62	0.485974	0.302	0.018	2.64E-58 Hematopo FBXW9
2455 CD109	1.67E-61	0.358029	0.127	0.003	3.15E-57 Hematopo CD109
2456 ZNF620	7.73E-61	0.323923	0.159	0.005	1.45E-56 Hematopo ZNF620
2457 AL359504.	8.32E-61	0.583369	0.302	0.018	1.56E-56 Hematopo AL359504.2
2458 C11orf74	1.34E-60	0.583996	0.317	0.02	2.52E-56 Hematopo C11orf74
2459 TP53I3.1	2.13E-59	0.590388	0.365	0.027	3.99E-55 Hematopo TP53I3
2460 SOCS2	1.85E-58	1.148471	0.508	0.052	3.48E-54 Hematopo SOCS2
2461 ME3	8.11E-58	0.27754	0.175	0.007	1.52E-53 Hematopo ME3
2462 TCEAL4	1.33E-57	0.890941	0.571	0.064	2.49E-53 Hematopo TCEAL4
2463 SLC2A5	4.59E-57	1.064871	0.222	0.011	8.62E-53 Hematopo SLC2A5
2464 INKA1	4.38E-56	0.552737	0.349	0.026	8.24E-52 Hematopo INKA1
2465 FADS1	2.46E-55	0.357897	0.238	0.013	4.62E-51 Hematopo FADS1
2466 MYL6B	1.08E-54	0.910558	0.571	0.068	2.02E-50 Hematopo MYL6B
2467 DAPK1.1	7.84E-54	0.645116	0.333	0.025	1.47E-49 Hematopo DAPK1
2468 P2RX1.1	3.18E-53	0.691899	0.444	0.043	5.97E-49 Hematopo P2RX1
2469 PDE6G	3.80E-53	0.523827	0.286	0.019	7.15E-49 Hematopo PDE6G
2470 LMO2.1	4.06E-53	0.458364	0.317	0.023	7.63E-49 Hematopo LMO2
2471 IPO11	3.87E-52	0.630817	0.397	0.035	7.27E-48 Hematopo IPO11
2472 TSPAN2	1.34E-51	0.854581	0.413	0.039	2.52E-47 Hematopo TSPAN2
2473 CCDC171	7.64E-51	0.265576	0.159	0.006	1.44E-46 Hematopo CCDC171
2474 KIF9	1.28E-50	0.451688	0.302	0.022	2.41E-46 Hematopo KIF9
2475 JUP	2.47E-48	0.808616	0.508	0.059	4.64E-44 Hematopo JUP
2476 RAB34.1	2.90E-48	0.664726	0.381	0.036	5.45E-44 Hematopo RAB34
2477 GPSM2	1.85E-47	0.271896	0.159	0.007	3.47E-43 Hematopo GPSM2
2478 ICA1	2.77E-47	0.341184	0.206	0.011	5.20E-43 Hematopo ICA1
2479 APOA1	2.91E-47	0.310773	0.143	0.006	5.47E-43 Hematopo APOA1
2480 LMNA	1.37E-46	0.82791	0.254	0.017	2.58E-42 Hematopo LMNA
2481 DDAH2.1	1.28E-45	1.203586	0.81	0.156	2.40E-41 Hematopo DDAH2
2482 PLXND1	1.78E-45	0.404765	0.238	0.015	3.35E-41 Hematopo PLXND1
2483 NRIP1	1.87E-45	0.906945	0.413	0.044	3.51E-41 Hematopo NRIP1
2484 STMN1.1	3.26E-45	1.845723	0.968	0.279	6.12E-41 Hematopo STMN1
2485 CLDN15	1.30E-44	0.276559	0.19	0.01	2.44E-40 Hematopo CLDN15
2486 CDK6	1.42E-44	1.312564	0.619	0.099	2.66E-40 Hematopo CDK6
2487 FAM216A	1.55E-44	0.478411	0.365	0.034	2.92E-40 Hematopo FAM216A
2488 TMEM220	4.61E-44	0.456723	0.286	0.022	8.65E-40 Hematopo TMEM220
2489 SYNGR1	1.35E-42	0.71591	0.444	0.051	2.53E-38 Hematopo SYNGR1
2490 SNHG25	3.18E-41	0.777014	0.302	0.026	5.98E-37 Hematopo SNHG25
2491 MPST.1	4.65E-41	0.81653	0.556	0.082	8.73E-37 Hematopo MPST
2492 UBR5-AS1	6.36E-41	0.469866	0.302	0.026	1.19E-36 Hematopo UBR5-AS1
2493 AC009237.	1.87E-40	0.260674	0.143	0.006	3.51E-36 Hematopo AC009237.14
2494 HOPX.1	2.15E-40	1.425571	0.651	0.11	4.05E-36 Hematopo HOPX

2495 CREB3L4	4.65E-40	0.521836	0.333	0.032	8.74E-36	Hematopo CREB3L4
2496 ETS2.1	5.02E-40	0.884365	0.46	0.059	9.43E-36	Hematopo ETS2
2497 CDCA7	1.70E-39	0.601898	0.397	0.045	3.20E-35	Hematopo CDCA7
2498 GCAT	3.53E-39	0.366145	0.159	0.008	6.64E-35	Hematopo GCAT
2499 FANCL	8.24E-39	0.450199	0.302	0.028	1.55E-34	Hematopo FANCL
2500 VSIG10	2.02E-38	0.262284	0.175	0.01	3.79E-34	Hematopo VSIG10
2501 EBPL	5.89E-38	1.115582	0.825	0.182	1.11E-33	Hematopo EBPL
2502 F2R	1.54E-37	0.33071	0.27	0.023	2.89E-33	Hematopo F2R
2503 SPARC	2.82E-37	0.279338	0.19	0.012	5.29E-33	Hematopo SPARC
2504 SLC45A3	1.12E-36	0.257025	0.111	0.004	2.10E-32	Hematopo SLC45A3
2505 AL391069.	1.66E-36	0.30122	0.206	0.014	3.12E-32	Hematopo AL391069.3
2506 PCBD1.1	2.21E-36	0.807333	0.556	0.09	4.15E-32	Hematopo PCBD1
2507 TXN.1	2.75E-36	1.81507	0.968	0.359	5.17E-32	Hematopo TXN
2508 ISYNA1.1	4.48E-35	0.800925	0.571	0.094	8.41E-31	Hematopo ISYNA1
2509 ROBO3	7.90E-35	0.309972	0.222	0.017	1.48E-30	Hematopo ROBO3
2510 FZD6	1.93E-34	0.2671	0.143	0.008	3.62E-30	Hematopo FZD6
2511 RNF130.1	3.97E-34	1.171978	0.73	0.153	7.45E-30	Hematopo RNF130
2512 BEX3.1	7.65E-34	1.132651	0.762	0.181	1.44E-29	Hematopo BEX3
2513 MMP28	9.22E-34	0.404755	0.222	0.018	1.73E-29	Hematopo MMP28
2514 EFHC2	1.52E-33	0.285902	0.127	0.006	2.86E-29	Hematopo EFHC2
2515 MGST1.1	1.93E-33	0.477188	0.333	0.037	3.62E-29	Hematopo MGST1
2516 SMAD1	3.08E-33	0.393189	0.19	0.014	5.79E-29	Hematopo SMAD1
2517 CKS2	5.42E-33	0.812009	0.524	0.087	1.02E-28	Hematopo CKS2
2518 FABP5	1.71E-32	0.961609	0.54	0.095	3.22E-28	Hematopo FABP5
2519 SMIM3.1	3.93E-32	0.453175	0.333	0.039	7.39E-28	Hematopo SMIM3
2520 REC8	5.75E-32	0.60827	0.381	0.05	1.08E-27	Hematopo REC8
2521 B2M.1	6.00E-32	-1.2891	1	0.999	1.13E-27	Hematopo B2M
2522 KRT18	6.85E-32	0.428705	0.175	0.012	1.29E-27	Hematopo KRT18
2523 SERPINB6.	9.32E-32	0.897595	0.635	0.126	1.75E-27	Hematopo SERPINB6
2524 FAH	1.48E-31	0.320237	0.27	0.027	2.78E-27	Hematopo FAH
2525 NAALADL1	3.63E-31	0.4659	0.381	0.05	6.81E-27	Hematopo NAALADL1
2526 ZSCAN9	4.88E-31	0.297022	0.175	0.012	9.16E-27	Hematopo ZSCAN9
2527 HYI	9.44E-31	0.425345	0.317	0.037	1.77E-26	Hematopo HYI
2528 LRMDA.1	9.78E-31	0.322841	0.222	0.019	1.84E-26	Hematopo LRMDA
2529 FIRRE	1.20E-30	0.251584	0.175	0.012	2.26E-26	Hematopo FIRRE
2530 TMSB10.1	1.76E-30	-1.4035	1	0.997	3.30E-26	Hematopo TMSB10
2531 HLX	2.57E-30	0.740742	0.175	0.013	4.83E-26	Hematopo HLX
2532 AL034397.	1.13E-29	0.801074	0.476	0.079	2.12E-25	Hematopo AL034397.3
2533 MAN2A2	2.28E-29	0.314359	0.27	0.028	4.28E-25	Hematopo MAN2A2
2534 TMSB4X.1	3.72E-29	-1.56439	1	0.998	6.99E-25	Hematopo TMSB4X
2535 ITM2C	4.66E-29	1.403532	0.651	0.15	8.75E-25	Hematopo ITM2C
2536 AIF1.1	5.61E-29	0.597008	0.937	0.286	1.05E-24	Hematopo AIF1
2537 ORAI3.1	7.98E-29	0.648591	0.429	0.067	1.50E-24	Hematopo ORAI3
2538 MIR155HG	1.03E-28	0.430021	0.302	0.036	1.94E-24	Hematopo MIR155HG
2539 PLAGL1	1.87E-28	0.417083	0.254	0.026	3.51E-24	Hematopo PLAGL1
2540 ZFAS1	4.85E-28	1.408709	0.984	0.583	9.11E-24	Hematopo ZFAS1
2541 MZB1.1	5.95E-28	0.740698	0.587	0.119	1.12E-23	Hematopo MZB1

2542	FAM117A	2.40E-27	0.494481	0.397	0.059	4.51E-23	Hematopo FAM117A
2543	SERPINB1.	2.70E-27	1.876658	0.921	0.446	5.07E-23	Hematopo SERPINB1
2544	PPFIBP1	3.73E-27	0.261941	0.143	0.009	7.01E-23	Hematopo PPFIBP1
2545	RPS24.1	4.52E-27	0.952522	1	0.994	8.49E-23	Hematopo RPS24
2546	LTBR.1	4.94E-27	0.371635	0.317	0.041	9.27E-23	Hematopo LTBR
2547	AAMDC	5.66E-27	0.555889	0.286	0.034	1.06E-22	Hematopo AAMDC
2548	GSTA4	6.51E-27	0.25128	0.143	0.01	1.22E-22	Hematopo GSTA4
2549	CREG1.1	6.68E-27	0.675637	0.444	0.076	1.25E-22	Hematopo CREG1
2550	RPLP0.1	7.70E-27	1.005028	1	0.986	1.45E-22	Hematopo RPLP0
2551	HLA-E.1	8.01E-27	-1.68458	0.81	0.957	1.50E-22	Hematopo HLA-E
2552	HLA-C	8.54E-27	-1.74132	0.984	0.983	1.60E-22	Hematopo HLA-C
2553	TGFBRAP1	1.05E-26	0.341967	0.222	0.022	1.97E-22	Hematopo TGFBRAP1
2554	BTG1.1	1.36E-26	-2.51945	0.413	0.882	2.55E-22	Hematopo BTG1
2555	ETV6.1	3.16E-26	0.419391	0.381	0.058	5.94E-22	Hematopo ETV6
2556	SERPINE2	3.51E-26	0.354494	0.333	0.045	6.59E-22	Hematopo SERPINE2
2557	RFX2	3.64E-26	0.331782	0.19	0.017	6.83E-22	Hematopo RFX2
2558	TRIM58	3.92E-26	0.259454	0.175	0.014	7.36E-22	Hematopo TRIM58
2559	RNF24.1	5.17E-26	0.39445	0.365	0.053	9.72E-22	Hematopo RNF24
2560	SSBP2.1	5.43E-26	0.622116	0.619	0.129	1.02E-21	Hematopo SSBP2
2561	GAPDH.1	1.31E-25	1.15786	1	0.902	2.46E-21	Hematopo GAPDH
2562	IMPDH2.1	1.55E-25	1.235317	0.921	0.384	2.91E-21	Hematopo IMPDH2
2563	PARVB.1	2.34E-25	0.54145	0.508	0.098	4.39E-21	Hematopo PARVB
2564	SLC39A3	3.16E-25	0.709702	0.429	0.076	5.94E-21	Hematopo SLC39A3
2565	SPATA20	3.57E-25	0.457354	0.413	0.068	6.70E-21	Hematopo SPATA20
2566	HINT1.1	4.43E-25	1.064386	1	0.914	8.32E-21	Hematopo HINT1
2567	BEX2.1	4.51E-25	0.768192	0.556	0.116	8.48E-21	Hematopo BEX2
2568	MTHFD2L	4.59E-25	0.538449	0.46	0.083	8.62E-21	Hematopo MTHFD2L
2569	GSTP1.1	5.22E-25	1.284831	0.968	0.53	9.81E-21	Hematopo GSTP1
2570	DBN1	8.63E-25	0.331633	0.222	0.023	1.62E-20	Hematopo DBN1
2571	NIPSNAP3/	1.56E-24	0.606112	0.429	0.077	2.93E-20	Hematopo NIPSNAP3A
2572	SCCPDH	5.72E-24	0.636584	0.476	0.092	1.08E-19	Hematopo SCCPDH
2573	ENO1.1	1.49E-23	1.533828	0.952	0.644	2.80E-19	Hematopo ENO1
2574	CLDND2	1.65E-23	0.338136	0.159	0.013	3.10E-19	Hematopo CLDND2
2575	TEC	1.89E-23	0.251683	0.159	0.013	3.55E-19	Hematopo TEC
2576	NPM1.1	3.61E-23	1.045842	1	0.91	6.79E-19	Hematopo NPM1
2577	AMD1	3.87E-23	0.825471	0.635	0.157	7.26E-19	Hematopo AMD1
2578	ALDH2.1	4.63E-23	0.484277	0.349	0.055	8.70E-19	Hematopo ALDH2
2579	S100Z.1	5.93E-23	0.284288	0.19	0.019	1.11E-18	Hematopo S100Z
2580	MINPP1	8.66E-23	0.616516	0.302	0.044	1.63E-18	Hematopo MINPP1
2581	MLLT11	1.03E-22	0.427141	0.27	0.036	1.93E-18	Hematopo MLLT11
2582	NME4.1	1.17E-22	0.890257	0.698	0.192	2.21E-18	Hematopo NME4
2583	RPS4X.1	1.22E-22	0.76003	1	0.99	2.30E-18	Hematopo RPS4X
2584	DENND6B.	1.56E-22	0.595262	0.317	0.049	2.93E-18	Hematopo DENND6B
2585	GAMT.1	5.60E-22	0.489808	0.508	0.105	1.05E-17	Hematopo GAMT
2586	PLIN3.1	1.30E-21	0.591141	0.571	0.133	2.45E-17	Hematopo PLIN3
2587	MSI2	1.75E-21	0.511653	0.413	0.078	3.28E-17	Hematopo MSI2
2588	TRIQQ.1	1.98E-21	0.285809	0.19	0.02	3.73E-17	Hematopo TRIQQ

2589	GADD45A	2.02E-21	0.304992	0.222	0.026	3.79E-17	Hematopo	GADD45A
2590	SRD5A3	2.09E-21	0.346157	0.27	0.037	3.93E-17	Hematopo	SRD5A3
2591	CYTOR.1	2.25E-21	0.632384	0.476	0.101	4.23E-17	Hematopo	CYTOR
2592	HLA-B	3.06E-21	-1.21917	0.984	0.992	5.74E-17	Hematopo	HLA-B
2593	ESD	3.18E-21	0.946645	0.825	0.273	5.98E-17	Hematopo	ESD
2594	MPP1.1	3.67E-21	0.582841	0.46	0.096	6.89E-17	Hematopo	MPP1
2595	SPART	5.47E-21	0.331939	0.349	0.058	1.03E-16	Hematopo	SPART
2596	TALDO1.1	8.16E-21	1.105621	0.905	0.483	1.53E-16	Hematopo	TALDO1
2597	SPINT2	1.45E-20	1.067541	0.762	0.265	2.72E-16	Hematopo	SPINT2
2598	SMIM1	1.49E-20	0.271783	0.175	0.018	2.80E-16	Hematopo	SMIM1
2599	CARD19.1	1.58E-20	0.547695	0.444	0.091	2.97E-16	Hematopo	CARD19
2600	PAFAH1B3	1.69E-20	0.736841	0.667	0.18	3.18E-16	Hematopo	PAFAH1B3
2601	VANGL1	1.82E-20	0.262942	0.143	0.012	3.42E-16	Hematopo	VANGL1
2602	H2AFY.1	1.84E-20	1.02387	0.841	0.324	3.46E-16	Hematopo	H2AFY
2603	KDM5B	2.15E-20	0.469829	0.381	0.07	4.03E-16	Hematopo	KDM5B
2604	AK3	2.15E-20	0.619418	0.476	0.104	4.05E-16	Hematopo	AK3
2605	HSP90AB1	2.33E-20	1.058793	1	0.842	4.37E-16	Hematopo	HSP90AB1
2606	FAM213A	3.18E-20	0.327505	0.254	0.035	5.97E-16	Hematopo	FAM213A
2607	GLUL.1	5.74E-20	0.718387	0.635	0.17	1.08E-15	Hematopo	GLUL
2608	YWHAE.1	6.86E-20	0.936473	0.778	0.262	1.29E-15	Hematopo	YWHAE
2609	LIMS1.1	7.95E-20	0.843301	0.556	0.141	1.49E-15	Hematopo	LIMS1
2610	RCN1	1.36E-19	0.26638	0.286	0.044	2.56E-15	Hematopo	RCN1
2611	TKT.1	1.47E-19	1.121432	0.937	0.509	2.77E-15	Hematopo	TKT
2612	ITGB3BP	1.67E-19	0.36564	0.397	0.076	3.13E-15	Hematopo	ITGB3BP
2613	SORBS3	1.78E-19	0.392987	0.317	0.053	3.34E-15	Hematopo	SORBS3
2614	EFCAB2	1.82E-19	0.251536	0.19	0.022	3.41E-15	Hematopo	EFCAB2
2615	BTF3.1	2.30E-19	0.742478	1	0.955	4.32E-15	Hematopo	BTF3
2616	ERGIC1	2.99E-19	0.581507	0.492	0.113	5.61E-15	Hematopo	ERGIC1
2617	NME2	3.94E-19	1.094341	0.937	0.611	7.40E-15	Hematopo	NME2
2618	RACK1.1	4.37E-19	0.665004	1	0.986	8.21E-15	Hematopo	RACK1
2619	HSD17B11	4.75E-19	0.924938	0.873	0.34	8.92E-15	Hematopo	HSD17B11
2620	ADAT2	5.41E-19	0.318564	0.238	0.033	1.02E-14	Hematopo	ADAT2
2621	PRDX1.1	6.18E-19	1.273928	0.952	0.537	1.16E-14	Hematopo	PRDX1
2622	CNN3	7.03E-19	0.25095	0.143	0.013	1.32E-14	Hematopo	CNN3
2623	YBX3	7.05E-19	0.437653	0.46	0.1	1.33E-14	Hematopo	YBX3
2624	SNHG8.1	9.90E-19	1.167759	0.889	0.445	1.86E-14	Hematopo	SNHG8
2625	GSN.1	1.04E-18	0.606476	0.365	0.071	1.96E-14	Hematopo	GSN
2626	BEX4.1	1.10E-18	0.888572	0.73	0.242	2.07E-14	Hematopo	BEX4
2627	PAPSS1	1.26E-18	0.620297	0.524	0.131	2.37E-14	Hematopo	PAPSS1
2628	LEPROT.1	1.94E-18	0.67464	0.46	0.108	3.64E-14	Hematopo	LEPROT
2629	NUTM2A-/-	3.13E-18	0.624927	0.587	0.157	5.89E-14	Hematopo	NUTM2A-AS1
2630	NME7	3.16E-18	0.365228	0.27	0.042	5.93E-14	Hematopo	NME7
2631	RPL7A.1	3.41E-18	0.572643	1	0.992	6.41E-14	Hematopo	RPL7A
2632	AC008124.	5.82E-18	0.45154	0.286	0.048	1.09E-13	Hematopo	AC008124.1
2633	CAT	7.86E-18	0.976348	0.73	0.262	1.48E-13	Hematopo	CAT
2634	CD82	8.83E-18	0.896246	0.619	0.186	1.66E-13	Hematopo	CD82
2635	EIF3J-DT	9.63E-18	0.456909	0.349	0.067	1.81E-13	Hematopo	EIF3J-DT

2636	C11orf1	1.11E-17	0.503818	0.413	0.089	2.09E-13	Hematopo C11orf1
2637	SLC48A1	1.19E-17	0.262198	0.19	0.024	2.24E-13	Hematopo SLC48A1
2638	C19orf48.1	1.29E-17	0.44494	0.46	0.105	2.42E-13	Hematopo C19orf48
2639	B3GNTL1	1.59E-17	0.286805	0.238	0.035	3.00E-13	Hematopo B3GNTL1
2640	PHYH	2.17E-17	0.29399	0.254	0.039	4.08E-13	Hematopo PHYH
2641	CORO1A	4.64E-17	-1.21762	0.698	0.922	8.71E-13	Hematopo CORO1A
2642	TBXAS1.1	5.72E-17	0.298152	0.365	0.073	1.07E-12	Hematopo TBXAS1
2643	COMT.1	6.19E-17	0.800077	0.698	0.231	1.16E-12	Hematopo COMT
2644	ZSCAN16-AS1	6.79E-17	0.412621	0.492	0.119	1.28E-12	Hematopo ZSCAN16-AS1
2645	SLC40A1	7.16E-17	1.025838	0.333	0.069	1.34E-12	Hematopo SLC40A1
2646	RPS9	8.64E-17	0.558964	1	0.992	1.62E-12	Hematopo RPS9
2647	Sep-11	8.71E-17	0.480132	0.333	0.066	1.64E-12	Hematopo Sep-11
2648	CYFIP1.1	1.03E-16	0.295872	0.175	0.021	1.93E-12	Hematopo CYFIP1
2649	AC090204.1	1.36E-16	0.272591	0.222	0.033	2.56E-12	Hematopo AC090204.1
2650	HADH.1	1.52E-16	0.580207	0.492	0.124	2.86E-12	Hematopo HADH
2651	ZCRB1	1.69E-16	0.496545	0.54	0.143	3.17E-12	Hematopo ZCRB1
2652	LZTFL1	1.70E-16	0.391893	0.286	0.051	3.20E-12	Hematopo LZTFL1
2653	G6PC3	1.77E-16	0.414213	0.333	0.066	3.33E-12	Hematopo G6PC3
2654	SNHG7.1	2.58E-16	1.089636	0.73	0.27	4.85E-12	Hematopo SNHG7
2655	FHL3	3.71E-16	0.493148	0.333	0.068	6.96E-12	Hematopo FHL3
2656	IL32.1	3.75E-16	-3.27741	0	0.569	7.04E-12	Hematopo IL32
2657	CD3E.1	3.90E-16	-3.02573	0.063	0.599	7.34E-12	Hematopo CD3E
2658	ACYP1	4.20E-16	0.429769	0.381	0.083	7.90E-12	Hematopo ACYP1
2659	HMGA1.1	5.13E-16	0.81317	0.698	0.243	9.63E-12	Hematopo HMGA1
2660	LGALS9.1	5.22E-16	0.502486	0.54	0.143	9.80E-12	Hematopo LGALS9
2661	MAPKAPK3	5.50E-16	0.647601	0.587	0.173	1.03E-11	Hematopo MAPKAPK3
2662	GNB4.1	5.81E-16	0.330496	0.286	0.052	1.09E-11	Hematopo GNB4
2663	UROD	6.42E-16	0.583617	0.587	0.171	1.21E-11	Hematopo UROD
2664	AL050341.1	6.44E-16	0.309802	0.238	0.038	1.21E-11	Hematopo AL050341.2
2665	MAML3	7.29E-16	0.288673	0.19	0.026	1.37E-11	Hematopo MAML3
2666	ABCC1	8.14E-16	0.314192	0.238	0.038	1.53E-11	Hematopo ABCC1
2667	HNRNPA1.1	1.09E-15	0.812808	1	0.925	2.04E-11	Hematopo HNRNPA1
2668	PYGL.1	1.25E-15	0.28999	0.27	0.048	2.35E-11	Hematopo PYGL
2669	C12orf73	1.28E-15	0.317024	0.302	0.057	2.41E-11	Hematopo C12orf73
2670	CD99	1.45E-15	1.196829	0.921	0.541	2.73E-11	Hematopo CD99
2671	DUT.1	1.52E-15	0.794556	0.873	0.363	2.86E-11	Hematopo DUT
2672	GSE1	1.58E-15	0.278204	0.254	0.043	2.97E-11	Hematopo GSE1
2673	CALM1.1	1.67E-15	-1.326	0.762	0.879	3.14E-11	Hematopo CALM1
2674	BZW2.1	1.75E-15	0.79362	0.587	0.186	3.29E-11	Hematopo BZW2
2675	RPL26.1	1.87E-15	0.72577	1	0.989	3.52E-11	Hematopo RPL26
2676	LTB.1	2.04E-15	-1.61498	0.381	0.809	3.83E-11	Hematopo LTB
2677	RPLP1.1	2.11E-15	0.523931	1	0.997	3.97E-11	Hematopo RPLP1
2678	TPM1	2.26E-15	0.271104	0.238	0.039	4.24E-11	Hematopo TPM1
2679	LYRM1	2.37E-15	0.499876	0.444	0.11	4.45E-11	Hematopo LYRM1
2680	MYL12A.1	2.40E-15	-1.10173	0.921	0.946	4.51E-11	Hematopo MYL12A
2681	ATP5MC2	2.44E-15	0.639636	1	0.944	4.58E-11	Hematopo ATP5MC2
2682	TMEM38B	2.45E-15	0.512551	0.333	0.07	4.60E-11	Hematopo TMEM38B

2683	CCNB1IP1.	2.47E-15	0.494849	0.46	0.117	4.65E-11	Hematopo CCNB1IP1
2684	PHGDH	2.59E-15	0.35846	0.238	0.04	4.86E-11	Hematopo PHGDH
2685	HIST3H2A	2.61E-15	0.292561	0.238	0.039	4.90E-11	Hematopo HIST3H2A
2686	HSPD1.1	2.72E-15	0.943746	0.921	0.451	5.11E-11	Hematopo HSPD1
2687	PRAM1.1	3.10E-15	0.43881	0.302	0.06	5.83E-11	Hematopo PRAM1
2688	LIMD2.1	3.28E-15	-1.11312	0.889	0.928	6.16E-11	Hematopo LIMD2
2689	ARMH1.1	3.60E-15	0.738884	0.603	0.192	6.77E-11	Hematopo ARMH1
2690	HEBP1.1	4.83E-15	0.59333	0.524	0.149	9.06E-11	Hematopo HEBP1
2691	WWOX	6.72E-15	0.295847	0.222	0.036	1.26E-10	Hematopo WWOX
2692	PGD.1	6.73E-15	0.561888	0.667	0.219	1.27E-10	Hematopo PGD
2693	HENMT1	7.29E-15	0.442371	0.381	0.088	1.37E-10	Hematopo HENMT1
2694	PFN1.1	7.59E-15	-0.99466	1	0.984	1.43E-10	Hematopo PFN1
2695	GOLIM4	7.77E-15	0.250704	0.143	0.017	1.46E-10	Hematopo GOLIM4
2696	CTSF	8.34E-15	0.326831	0.238	0.04	1.57E-10	Hematopo CTSF
2697	DUSP3.1	9.05E-15	0.271367	0.222	0.036	1.70E-10	Hematopo DUSP3
2698	SLC27A5	9.30E-15	0.311594	0.286	0.055	1.75E-10	Hematopo SLC27A5
2699	AC245595.	1.26E-14	0.290969	0.127	0.014	2.37E-10	Hematopo AC245595.1
2700	SNHG10	1.45E-14	0.4292	0.365	0.083	2.72E-10	Hematopo SNHG10
2701	MPG	1.87E-14	0.695064	0.778	0.29	3.52E-10	Hematopo MPG
2702	CD3D.1	1.90E-14	-2.41961	0.016	0.536	3.57E-10	Hematopo CD3D
2703	HIBCH	1.91E-14	0.357104	0.444	0.112	3.58E-10	Hematopo HIBCH
2704	LINC02256	2.21E-14	0.434105	0.365	0.084	4.15E-10	Hematopo LINC02256
2705	FKBP3	2.29E-14	0.399341	0.571	0.164	4.31E-10	Hematopo FKBP3
2706	MAN1A1	2.33E-14	0.432957	0.206	0.033	4.38E-10	Hematopo MAN1A1
2707	B3GNT2	2.34E-14	0.595261	0.46	0.126	4.39E-10	Hematopo B3GNT2
2708	EIF4EBP1.1	2.42E-14	0.440095	0.46	0.121	4.55E-10	Hematopo EIF4EBP1
2709	LIMA1	2.86E-14	0.254935	0.254	0.046	5.37E-10	Hematopo LIMA1
2710	TAGLN2.1	2.99E-14	1.087838	0.968	0.772	5.61E-10	Hematopo TAGLN2
2711	RUNX1	3.07E-14	0.430123	0.349	0.079	5.77E-10	Hematopo RUNX1
2712	GIMAP4.1	3.29E-14	-2.00545	0.079	0.57	6.19E-10	Hematopo GIMAP4
2713	MAGED1	3.61E-14	0.344122	0.381	0.089	6.79E-10	Hematopo MAGED1
2714	NCOA7	3.71E-14	0.679951	0.397	0.102	6.97E-10	Hematopo NCOA7
2715	RPS3.1	3.91E-14	0.495384	1	0.993	7.35E-10	Hematopo RPS3
2716	FAHD2A	3.94E-14	0.326362	0.333	0.073	7.40E-10	Hematopo FAHD2A
2717	ANTXR2	6.84E-14	0.276817	0.286	0.057	1.28E-09	Hematopo ANTXR2
2718	B4GAT1	6.92E-14	0.281486	0.175	0.025	1.30E-09	Hematopo B4GAT1
2719	GPSM3	7.52E-14	-1.20161	0.603	0.803	1.41E-09	Hematopo GPSM3
2720	CCDC34	8.51E-14	0.296759	0.175	0.025	1.60E-09	Hematopo CCDC34
2721	UQCRH	9.11E-14	0.690573	0.984	0.772	1.71E-09	Hematopo UQCRH
2722	MYO15B	9.20E-14	0.314643	0.222	0.038	1.73E-09	Hematopo MYO15B
2723	FYB1.1	9.64E-14	-1.99442	0.095	0.571	1.81E-09	Hematopo FYB1
2724	EIF3E.1	1.08E-13	0.898511	0.937	0.679	2.03E-09	Hematopo EIF3E
2725	TP53I13	1.46E-13	0.428888	0.46	0.125	2.74E-09	Hematopo TP53I13
2726	RPL15.1	1.48E-13	0.514403	1	0.981	2.78E-09	Hematopo RPL15
2727	GPR146	1.58E-13	0.260305	0.19	0.029	2.96E-09	Hematopo GPR146
2728	SQLE	1.79E-13	0.413516	0.27	0.054	3.36E-09	Hematopo SQLE
2729	LCK.1	2.01E-13	-1.91836	0.079	0.559	3.78E-09	Hematopo LCK

2730	TFDP2.1	2.10E-13	0.427055	0.413	0.105	3.94E-09	Hematopo	TFDP2
2731	C15orf39.1	2.36E-13	0.430203	0.317	0.072	4.44E-09	Hematopo	C15orf39
2732	AGPS	2.54E-13	0.337785	0.286	0.059	4.77E-09	Hematopo	AGPS
2733	EIF4A1.1	2.56E-13	0.677266	0.619	0.211	4.80E-09	Hematopo	EIF4A1
2734	TCF4	2.71E-13	0.400216	0.46	0.125	5.10E-09	Hematopo	TCF4
2735	CEP170	2.79E-13	0.32645	0.333	0.076	5.23E-09	Hematopo	CEP170
2736	EVL.1	3.58E-13	-1.45694	0.365	0.74	6.72E-09	Hematopo	EVL
2737	TMED3	3.85E-13	0.539209	0.524	0.159	7.23E-09	Hematopo	TMED3
2738	NME1	3.93E-13	0.457383	0.429	0.116	7.39E-09	Hematopo	NME1
2739	LAG3	3.99E-13	0.282985	0.175	0.026	7.50E-09	Hematopo	LAG3
2740	TMEM14C	4.50E-13	0.676559	0.635	0.226	8.45E-09	Hematopo	TMEM14C
2741	ACTB.1	4.98E-13	-0.89539	1	0.999	9.36E-09	Hematopo	ACTB
2742	VAT1	5.33E-13	0.44837	0.397	0.104	1.00E-08	Hematopo	VAT1
2743	CLIC1.1	5.71E-13	0.722061	1	0.697	1.07E-08	Hematopo	CLIC1
2744	CLEC11A	6.52E-13	0.574473	0.349	0.085	1.22E-08	Hematopo	CLEC11A
2745	RPL7.1	6.87E-13	0.691571	0.968	0.867	1.29E-08	Hematopo	RPL7
2746	RFK	7.70E-13	0.273767	0.317	0.071	1.45E-08	Hematopo	RFK
2747	RPS18.1	7.87E-13	0.511333	1	0.991	1.48E-08	Hematopo	RPS18
2748	EIF2AK4	7.92E-13	0.356803	0.349	0.084	1.49E-08	Hematopo	EIF2AK4
2749	PAICS.1	8.00E-13	0.439497	0.429	0.116	1.50E-08	Hematopo	PAICS
2750	CASP6	8.04E-13	0.367208	0.317	0.073	1.51E-08	Hematopo	CASP6
2751	CCDC14	8.35E-13	0.268619	0.286	0.06	1.57E-08	Hematopo	CCDC14
2752	RPL24.1	8.79E-13	0.48396	1	0.985	1.65E-08	Hematopo	RPL24
2753	SYPL1.1	1.04E-12	0.720322	0.825	0.365	1.96E-08	Hematopo	SYPL1
2754	RPS23.1	1.12E-12	0.428042	1	0.993	2.10E-08	Hematopo	RPS23
2755	IFITM1.1	1.15E-12	-1.95139	0.667	0.803	2.16E-08	Hematopo	IFITM1
2756	SPTLC2.1	1.16E-12	0.335906	0.444	0.121	2.18E-08	Hematopo	SPTLC2
2757	CXorf21	1.18E-12	0.255523	0.238	0.045	2.22E-08	Hematopo	CXorf21
2758	TP53BP1	1.20E-12	0.291417	0.238	0.046	2.25E-08	Hematopo	TP53BP1
2759	NUDT8	1.26E-12	0.285389	0.206	0.036	2.37E-08	Hematopo	NUDT8
2760	ZNF496	1.42E-12	0.265021	0.19	0.031	2.67E-08	Hematopo	ZNF496
2761	SPATC1L	1.47E-12	0.337359	0.317	0.073	2.76E-08	Hematopo	SPATC1L
2762	MIR4435-2	1.58E-12	0.312977	0.302	0.068	2.97E-08	Hematopo	MIR4435-2HG
2763	DNAJC1	1.76E-12	0.475959	0.476	0.142	3.31E-08	Hematopo	DNAJC1
2764	PTPRC	1.79E-12	-1.15648	0.73	0.855	3.36E-08	Hematopo	PTPRC
2765	CCDC88A.1	1.84E-12	0.284326	0.27	0.057	3.45E-08	Hematopo	CCDC88A
2766	CD7.1	1.93E-12	-2.50899	0.175	0.576	3.63E-08	Hematopo	CD7
2767	SSBP4	2.05E-12	0.481638	0.524	0.162	3.84E-08	Hematopo	SSBP4
2768	TATDN1.1	2.21E-12	0.552768	0.54	0.174	4.16E-08	Hematopo	TATDN1
2769	IFT52	2.22E-12	0.300036	0.349	0.085	4.16E-08	Hematopo	IFT52
2770	SPNS3	2.26E-12	0.467238	0.286	0.064	4.25E-08	Hematopo	SPNS3
2771	MAGED2.1	2.41E-12	0.52251	0.635	0.22	4.53E-08	Hematopo	MAGED2
2772	FAM228B	2.51E-12	0.2768	0.222	0.041	4.72E-08	Hematopo	FAM228B
2773	FES.1	2.69E-12	0.370056	0.333	0.081	5.05E-08	Hematopo	FES
2774	STOML2	3.18E-12	0.565299	0.698	0.256	5.98E-08	Hematopo	STOML2
2775	LAPTM4A.1	3.19E-12	0.703086	0.825	0.375	5.98E-08	Hematopo	LAPTM4A
2776	CNBD2	3.85E-12	0.265825	0.206	0.037	7.23E-08	Hematopo	CNBD2

2777	ACADM.1	4.04E-12	0.556681	0.524	0.171	7.58E-08	Hematopo	ACADM
2778	RTN3.1	4.10E-12	0.472033	0.556	0.18	7.70E-08	Hematopo	RTN3
2779	TPGS2	4.17E-12	0.305625	0.429	0.118	7.83E-08	Hematopo	TPGS2
2780	SLC25A43	4.90E-12	0.257491	0.175	0.028	9.20E-08	Hematopo	SLC25A43
2781	MIF.1	5.71E-12	0.839729	0.984	0.833	1.07E-07	Hematopo	MIF
2782	TSEN34.1	5.74E-12	0.415245	0.524	0.163	1.08E-07	Hematopo	TSEN34
2783	ARL2	6.49E-12	0.469809	0.46	0.138	1.22E-07	Hematopo	ARL2
2784	MTA1	7.20E-12	0.418708	0.238	0.049	1.35E-07	Hematopo	MTA1
2785	OSTC	7.48E-12	0.739906	0.825	0.434	1.40E-07	Hematopo	OSTC
2786	VPS41	7.56E-12	0.374576	0.381	0.102	1.42E-07	Hematopo	VPS41
2787	RPS6.1	8.13E-12	0.555019	1	0.989	1.53E-07	Hematopo	RPS6
2788	KLF10.1	8.22E-12	0.283591	0.27	0.059	1.54E-07	Hematopo	KLF10
2789	CBFA2T3	9.33E-12	0.259996	0.175	0.029	1.75E-07	Hematopo	CBFA2T3
2790	AKR1A1.1	9.37E-12	0.621568	0.73	0.292	1.76E-07	Hematopo	AKR1A1
2791	SEM1.1	9.94E-12	0.653588	0.889	0.414	1.87E-07	Hematopo	SEM1
2792	SARAF.1	1.14E-11	-1.18824	0.778	0.887	2.14E-07	Hematopo	SARAF
2793	LINC00861	1.27E-11	-1.87058	0	0.45	2.39E-07	Hematopo	LINC00861
2794	RPL31.1	1.43E-11	0.674491	0.984	0.877	2.69E-07	Hematopo	RPL31
2795	ACOT13	1.45E-11	0.341391	0.302	0.072	2.73E-07	Hematopo	ACOT13
2796	AC116407.	1.50E-11	0.294041	0.238	0.049	2.82E-07	Hematopo	AC116407.2
2797	RPL5.1	1.65E-11	0.475444	1	0.984	3.10E-07	Hematopo	RPL5
2798	TARS	2.13E-11	0.304946	0.429	0.122	4.00E-07	Hematopo	TARS
2799	PABPN1	2.14E-11	0.38559	0.444	0.132	4.01E-07	Hematopo	PABPN1
2800	CD200	2.48E-11	0.251953	0.238	0.048	4.66E-07	Hematopo	CD200
2801	SPN	2.76E-11	0.478374	0.571	0.199	5.19E-07	Hematopo	SPN
2802	DNPH1.1	2.88E-11	0.553841	0.667	0.257	5.41E-07	Hematopo	DNPH1
2803	TNRC18.1	2.93E-11	0.294146	0.19	0.035	5.51E-07	Hematopo	TNRC18
2804	ITGB2.1	3.04E-11	-1.69272	0.349	0.647	5.72E-07	Hematopo	ITGB2
2805	PFDN4	3.11E-11	0.490174	0.524	0.176	5.84E-07	Hematopo	PFDN4
2806	ACADS	3.20E-11	0.319855	0.286	0.067	6.01E-07	Hematopo	ACADS
2807	MRPL16	3.46E-11	0.627307	0.651	0.25	6.50E-07	Hematopo	MRPL16
2808	PIGM	3.54E-11	0.285094	0.238	0.05	6.64E-07	Hematopo	PIGM
2809	DNAJC25-C	3.57E-11	0.279841	0.333	0.085	6.71E-07	Hematopo	DNAJC25-GNG10
2810	ATP2C1	3.72E-11	0.271455	0.222	0.045	6.99E-07	Hematopo	ATP2C1
2811	FCMR.1	3.75E-11	-1.58317	0.175	0.577	7.05E-07	Hematopo	FCMR
2812	PDRG1	3.78E-11	0.314335	0.302	0.073	7.11E-07	Hematopo	PDRG1
2813	LAT2	3.88E-11	0.463069	0.619	0.215	7.30E-07	Hematopo	LAT2
2814	CAMLG	3.92E-11	0.516032	0.651	0.246	7.36E-07	Hematopo	CAMLG
2815	SLC39A10	3.97E-11	0.377014	0.349	0.093	7.45E-07	Hematopo	SLC39A10
2816	CCR7.1	4.22E-11	-1.96587	0.143	0.539	7.93E-07	Hematopo	CCR7
2817	HADHB	4.62E-11	0.487281	0.635	0.232	8.68E-07	Hematopo	HADHB
2818	ZNF22.1	4.96E-11	0.50372	0.73	0.283	9.31E-07	Hematopo	ZNF22
2819	LEF1.1	5.38E-11	-1.90458	0	0.431	1.01E-06	Hematopo	LEF1
2820	DHRS4	5.52E-11	0.408006	0.508	0.166	1.04E-06	Hematopo	DHRS4
2821	HPS4	5.90E-11	0.252388	0.333	0.085	1.11E-06	Hematopo	HPS4
2822	ZMIZ1.1	6.11E-11	0.32188	0.19	0.036	1.15E-06	Hematopo	ZMIZ1
2823	TM7SF3	6.68E-11	0.493253	0.349	0.097	1.25E-06	Hematopo	TM7SF3

2824	SLC17A9	7.46E-11	0.285113	0.206	0.041	1.40E-06	Hematopo	SLC17A9
2825	IQGAP2.1	7.70E-11	0.659582	0.413	0.125	1.45E-06	Hematopo	IQGAP2
2826	LAT.1	8.55E-11	-1.60392	0	0.425	1.61E-06	Hematopo	LAT
2827	BST2.1	9.14E-11	0.860903	0.794	0.438	1.72E-06	Hematopo	BST2
2828	PSMA6	1.04E-10	0.637249	0.841	0.4	1.95E-06	Hematopo	PSMA6
2829	BCL11A	1.06E-10	0.276658	0.349	0.093	1.99E-06	Hematopo	BCL11A
2830	FAM219B	1.07E-10	0.273448	0.317	0.081	2.02E-06	Hematopo	FAM219B
2831	CYP51A1	1.20E-10	0.280023	0.222	0.047	2.25E-06	Hematopo	CYP51A1
2832	HPRT1	1.23E-10	0.522394	0.619	0.226	2.30E-06	Hematopo	HPRT1
2833	TSPAN3.1	1.24E-10	0.34301	0.603	0.207	2.34E-06	Hematopo	TSPAN3
2834	MAT2A.1	1.29E-10	0.557247	0.651	0.252	2.43E-06	Hematopo	MAT2A
2835	NAPA-AS1	1.30E-10	0.329693	0.175	0.032	2.45E-06	Hematopo	NAPA-AS1
2836	BPHL	1.38E-10	0.254436	0.143	0.022	2.60E-06	Hematopo	BPHL
2837	RPS15.1	1.45E-10	0.385437	1	0.994	2.73E-06	Hematopo	RPS15
2838	IL7R.1	1.48E-10	-2.43912	0.063	0.468	2.77E-06	Hematopo	IL7R
2839	BTK	1.54E-10	0.343633	0.492	0.157	2.89E-06	Hematopo	BTK
2840	MED21	1.59E-10	0.344148	0.302	0.077	2.99E-06	Hematopo	MED21
2841	ZFP36L2.1	1.65E-10	0.931872	0.905	0.629	3.10E-06	Hematopo	ZFP36L2
2842	ATG14	1.69E-10	0.263588	0.222	0.047	3.17E-06	Hematopo	ATG14
2843	RBFA	1.83E-10	0.294421	0.381	0.109	3.44E-06	Hematopo	RBFA
2844	C12orf10	1.84E-10	0.467257	0.556	0.194	3.45E-06	Hematopo	C12orf10
2845	NAA80	1.85E-10	0.254236	0.222	0.047	3.47E-06	Hematopo	NAA80
2846	AC027682.	1.90E-10	0.25967	0.127	0.018	3.57E-06	Hematopo	AC027682.4
2847	NOSIP.1	1.92E-10	-1.85971	0.397	0.634	3.61E-06	Hematopo	NOSIP
2848	SLC39A8	2.03E-10	0.275255	0.206	0.042	3.81E-06	Hematopo	SLC39A8
2849	LYL1	2.14E-10	0.261886	0.222	0.047	4.02E-06	Hematopo	LYL1
2850	ANXA1.1	2.21E-10	1.347573	0.683	0.35	4.15E-06	Hematopo	ANXA1
2851	MED24	2.21E-10	0.288793	0.27	0.065	4.16E-06	Hematopo	MED24
2852	AES.1	2.27E-10	-1.30347	0.587	0.732	4.27E-06	Hematopo	AES
2853	C12orf76	2.38E-10	0.263616	0.429	0.127	4.48E-06	Hematopo	C12orf76
2854	CD3G.1	2.44E-10	-1.59729	0	0.411	4.58E-06	Hematopo	CD3G
2855	GZMM.1	2.74E-10	-1.68257	0	0.409	5.14E-06	Hematopo	GZMM
2856	AL450998.	2.74E-10	0.268947	0.349	0.094	5.15E-06	Hematopo	AL450998.2
2857	ETFRF1	2.77E-10	0.275654	0.381	0.109	5.21E-06	Hematopo	ETFRF1
2858	HLA-A	3.01E-10	-0.89333	0.889	0.903	5.66E-06	Hematopo	HLA-A
2859	CD27.1	3.02E-10	-1.57756	0.016	0.421	5.68E-06	Hematopo	CD27
2860	COTL1.1	3.15E-10	-1.92132	0.302	0.591	5.92E-06	Hematopo	COTL1
2861	COX20	3.16E-10	0.33841	0.54	0.182	5.94E-06	Hematopo	COX20
2862	PRDX6	3.68E-10	0.599121	0.857	0.449	6.91E-06	Hematopo	PRDX6
2863	MAP3K13	3.69E-10	0.324371	0.302	0.079	6.93E-06	Hematopo	MAP3K13
2864	BAD	3.84E-10	0.377596	0.397	0.12	7.21E-06	Hematopo	BAD
2865	BLVRA.1	3.92E-10	0.312873	0.365	0.105	7.37E-06	Hematopo	BLVRA
2866	CST3.1	3.92E-10	-1.33233	0.476	0.143	7.37E-06	Hematopo	CST3
2867	CRYL1	4.02E-10	0.302171	0.317	0.084	7.55E-06	Hematopo	CRYL1
2868	PPA2	4.06E-10	0.374332	0.397	0.121	7.62E-06	Hematopo	PPA2
2869	YBEY	4.74E-10	0.355928	0.365	0.106	8.91E-06	Hematopo	YBEY
2870	LAPTM5	4.84E-10	-0.98181	0.81	0.871	9.08E-06	Hematopo	LAPTM5

2871	RAC2.1	4.97E-10	-0.80686	0.889	0.907	9.34E-06	Hematopo RAC2
2872	HADHA	5.26E-10	0.675346	0.825	0.427	9.88E-06	Hematopo HADHA
2873	PDCL	5.59E-10	0.283723	0.302	0.079	1.05E-05	Hematopo PDCL
2874	AHCY	5.83E-10	0.559842	0.508	0.182	1.09E-05	Hematopo AHCY
2875	TPM4.1	6.03E-10	0.681137	0.603	0.244	1.13E-05	Hematopo TPM4
2876	SIL1	6.03E-10	0.259382	0.27	0.067	1.13E-05	Hematopo SIL1
2877	GPX7.1	6.22E-10	0.310871	0.397	0.119	1.17E-05	Hematopo GPX7
2878	MED13L	6.65E-10	0.377466	0.254	0.062	1.25E-05	Hematopo MED13L
2879	ADA	6.71E-10	0.744157	0.397	0.13	1.26E-05	Hematopo ADA
2880	RPL12.1	6.98E-10	0.408459	1	0.992	1.31E-05	Hematopo RPL12
2881	PGAP2	8.78E-10	0.320301	0.286	0.074	1.65E-05	Hematopo PGAP2
2882	UFC1	9.11E-10	0.598872	0.873	0.509	1.71E-05	Hematopo UFC1
2883	RPL36A.1	9.18E-10	0.95823	0.968	0.804	1.72E-05	Hematopo RPL36A
2884	CFDP1	1.03E-09	0.462894	0.571	0.213	1.94E-05	Hematopo CFDP1
2885	LRBA.1	1.12E-09	0.276289	0.397	0.119	2.11E-05	Hematopo LRBA
2886	ST13.1	1.16E-09	0.633592	0.952	0.628	2.19E-05	Hematopo ST13
2887	KLF2.1	1.20E-09	-1.54856	0.127	0.499	2.26E-05	Hematopo KLF2
2888	TCF7.1	1.31E-09	-1.85369	0.032	0.415	2.46E-05	Hematopo TCF7
2889	GSTM2	1.32E-09	0.296705	0.317	0.087	2.49E-05	Hematopo GSTM2
2890	ZKSCAN1	1.34E-09	0.354071	0.381	0.116	2.52E-05	Hematopo ZKSCAN1
2891	AC020916.1	1.38E-09	0.317886	0.127	0.02	2.59E-05	Hematopo AC020916.1
2892	CD247.1	1.57E-09	-1.59711	0	0.385	2.96E-05	Hematopo CD247
2893	ISG20.1	1.58E-09	-1.36807	0.238	0.563	2.97E-05	Hematopo ISG20
2894	RHEX	1.74E-09	0.282324	0.159	0.029	3.28E-05	Hematopo RHEX
2895	CAMTA1.1	1.85E-09	0.370216	0.524	0.186	3.47E-05	Hematopo CAMTA1
2896	TRAF3IP3.1	1.85E-09	-1.26112	0.444	0.661	3.48E-05	Hematopo TRAF3IP3
2897	TUBA4A.1	2.00E-09	-1.25977	0.032	0.41	3.76E-05	Hematopo TUBA4A
2898	DYNLL1.1	2.47E-09	0.651941	0.841	0.416	4.63E-05	Hematopo DYNLL1
2899	PRDX4	2.48E-09	0.344911	0.429	0.14	4.66E-05	Hematopo PRDX4
2900	PSMB5	2.63E-09	0.377378	0.524	0.189	4.94E-05	Hematopo PSMB5
2901	MEMO1	2.68E-09	0.28958	0.302	0.083	5.03E-05	Hematopo MEMO1
2902	FMC1	2.73E-09	0.307042	0.476	0.161	5.12E-05	Hematopo FMC1
2903	RPL35.1	2.88E-09	0.438365	1	0.983	5.41E-05	Hematopo RPL35
2904	GIMAP7.1	2.93E-09	-1.61175	0.397	0.626	5.50E-05	Hematopo GIMAP7
2905	CRIP1	2.94E-09	0.306398	0.349	0.104	5.53E-05	Hematopo CRIP1
2906	EEF1D.1	2.94E-09	-0.5509	1	0.984	5.53E-05	Hematopo EEF1D
2907	LBH.1	3.04E-09	-1.44217	0.159	0.489	5.72E-05	Hematopo LBH
2908	BISPR	3.14E-09	0.256454	0.222	0.051	5.90E-05	Hematopo BISPR
2909	APEX1.1	3.28E-09	0.684123	0.81	0.481	6.17E-05	Hematopo APEX1
2910	NT5C2	3.53E-09	0.329282	0.286	0.078	6.64E-05	Hematopo NT5C2
2911	DNAJC4	3.71E-09	0.570917	0.698	0.31	6.96E-05	Hematopo DNAJC4
2912	TMEM173	4.34E-09	0.442783	0.524	0.192	8.16E-05	Hematopo TMEM173
2913	CTNNA1.1	4.42E-09	0.280869	0.238	0.059	8.30E-05	Hematopo CTNNA1
2914	RPS17	4.57E-09	0.451395	0.54	0.205	8.58E-05	Hematopo RPS17
2915	SAMHD1.1	4.67E-09	-1.32941	0.048	0.417	8.77E-05	Hematopo SAMHD1
2916	KIAA1586	4.90E-09	0.262633	0.254	0.064	9.20E-05	Hematopo KIAA1586
2917	DOK1.1	5.09E-09	0.321123	0.349	0.105	9.57E-05	Hematopo DOK1

2918	TIMM13	5.14E-09	0.606619	0.651	0.294	9.65E-05	Hematopo	TIMM13
2919	CAPG.1	5.17E-09	0.382979	0.571	0.211	9.71E-05	Hematopo	CAPG
2920	NRROS.1	5.36E-09	0.260938	0.365	0.111	0.000101	Hematopo	NRROS
2921	NCF1.1	5.37E-09	-1.96789	0.143	0.485	0.000101	Hematopo	NCF1
2922	TCEAL3	5.43E-09	0.297819	0.222	0.053	0.000102	Hematopo	TCEAL3
2923	SCRN2.1	5.49E-09	0.261219	0.444	0.146	0.000103	Hematopo	SCRN2
2924	POLD2.1	5.54E-09	0.363139	0.492	0.176	0.000104	Hematopo	POLD2
2925	MT-ND3	5.56E-09	0.684707	1	0.971	0.000104	Hematopo	MT-ND3
2926	NENF	6.31E-09	0.328116	0.317	0.093	0.000119	Hematopo	NENF
2927	ENG	6.57E-09	0.336172	0.19	0.042	0.000123	Hematopo	ENG
2928	DYM	6.72E-09	0.277004	0.397	0.127	0.000126	Hematopo	DYM
2929	UCP2.1	6.77E-09	-1.06328	0.635	0.78	0.000127	Hematopo	UCP2
2930	RPL17.1	7.63E-09	0.654478	0.984	0.712	0.000143	Hematopo	RPL17
2931	NDUFB5	8.36E-09	0.585351	0.746	0.351	0.000157	Hematopo	NDUFB5
2932	TMA16	8.54E-09	0.259857	0.254	0.066	0.00016	Hematopo	TMA16
2933	SEPT1.1	8.64E-09	-1.23414	0.317	0.579	0.000162	Hematopo	Sep-01
2934	PNMA1	9.07E-09	0.253428	0.222	0.053	0.00017	Hematopo	PNMA1
2935	TXNIP.1	9.68E-09	-1.05163	0.651	0.771	0.000182	Hematopo	TXNIP
2936	PTTG1IP.1	9.90E-09	0.317865	0.429	0.145	0.000186	Hematopo	PTTG1IP
2937	NOB1.1	1.01E-08	0.348789	0.556	0.208	0.00019	Hematopo	NOB1
2938	ABRAXAS1	1.09E-08	0.335643	0.381	0.123	0.000204	Hematopo	ABRAXAS1
2939	METAP2	1.11E-08	0.344833	0.524	0.193	0.000209	Hematopo	METAP2
2940	TUBB.1	1.14E-08	0.600195	0.921	0.581	0.000214	Hematopo	TUBB
2941	TMEM69	1.17E-08	0.274862	0.365	0.114	0.000219	Hematopo	TMEM69
2942	CHST12.1	1.28E-08	0.30102	0.444	0.154	0.00024	Hematopo	CHST12
2943	SRSF3	1.33E-08	0.586151	0.889	0.504	0.00025	Hematopo	SRSF3
2944	NUDT1	1.43E-08	0.354293	0.46	0.164	0.000268	Hematopo	NUDT1
2945	AC004556.	1.43E-08	0.265869	0.317	0.094	0.000269	Hematopo	AC004556.1
2946	MRPS27.1	1.43E-08	0.358924	0.397	0.132	0.000269	Hematopo	MRPS27
2947	QTRT1.1	1.46E-08	0.423853	0.476	0.174	0.000275	Hematopo	QTRT1
2948	CD63.1	1.49E-08	0.31814	0.587	0.229	0.000281	Hematopo	CD63
2949	GABPB1	1.69E-08	0.272374	0.254	0.068	0.000317	Hematopo	GABPB1
2950	NCF4.1	1.70E-08	0.266798	0.46	0.162	0.000319	Hematopo	NCF4
2951	HMG3	1.75E-08	0.632776	0.825	0.448	0.000328	Hematopo	HMG3
2952	HSPA1A.1	1.75E-08	0.555436	0.429	0.158	0.00033	Hematopo	HSPA1A
2953	PHB.1	1.81E-08	0.524311	0.778	0.36	0.000339	Hematopo	PHB
2954	TUBA1C	1.83E-08	0.286819	0.333	0.102	0.000343	Hematopo	TUBA1C
2955	HSPB1.1	1.87E-08	0.628035	0.825	0.466	0.000351	Hematopo	HSPB1
2956	MLLT3.1	2.01E-08	0.387295	0.349	0.111	0.000378	Hematopo	MLLT3
2957	CDK4.1	2.03E-08	0.37939	0.571	0.222	0.000381	Hematopo	CDK4
2958	SMARCC1	2.07E-08	0.333658	0.381	0.126	0.000389	Hematopo	SMARCC1
2959	PCBP2.1	2.13E-08	0.510971	1	0.936	0.000401	Hematopo	PCBP2
2960	PLD3.1	2.20E-08	0.335386	0.556	0.21	0.000413	Hematopo	PLD3
2961	HPF1	2.26E-08	0.30001	0.349	0.11	0.000425	Hematopo	HPF1
2962	TBC1D10C	2.33E-08	-1.12855	0.54	0.662	0.000437	Hematopo	TBC1D10C
2963	BCKDK.1	2.36E-08	0.273901	0.349	0.111	0.000443	Hematopo	BCKDK
2964	GSTO1.1	2.38E-08	0.38465	0.683	0.29	0.000448	Hematopo	GSTO1

2965	LSM2.1	2.42E-08	0.520753	0.746	0.375	0.000455	Hematopo LSM2
2966	SMIM30	2.81E-08	0.37751	0.175	0.039	0.000528	Hematopo SMIM30
2967	TMEM43	2.89E-08	0.265317	0.349	0.109	0.000543	Hematopo TMEM43
2968	TMEM205	2.94E-08	0.431314	0.444	0.162	0.000553	Hematopo TMEM205
2969	VEZT	3.22E-08	0.269756	0.254	0.069	0.000605	Hematopo VEZT
2970	FASTKD1	3.30E-08	0.26717	0.222	0.056	0.00062	Hematopo FASTKD1
2971	OLA1.1	3.46E-08	0.569804	0.667	0.31	0.00065	Hematopo OLA1
2972	SEPT9.1	3.58E-08	-1.15468	0.349	0.584	0.000673	Hematopo Sep-09
2973	HSD17B4	3.74E-08	0.317855	0.365	0.121	0.000703	Hematopo HSD17B4
2974	TAF11	3.97E-08	0.301474	0.397	0.136	0.000746	Hematopo TAF11
2975	RIPOR2	3.98E-08	-1.13458	0.333	0.597	0.000747	Hematopo RIPOR2
2976	ERG28.1	4.04E-08	0.303214	0.413	0.143	0.000759	Hematopo ERG28
2977	KEAP1	4.23E-08	0.293259	0.317	0.098	0.000794	Hematopo KEAP1
2978	CXXC5.1	4.45E-08	0.445702	0.397	0.14	0.000837	Hematopo CXXC5
2979	RHEB	4.60E-08	0.453927	0.556	0.224	0.000863	Hematopo RHEB
2980	RPL36.1	4.64E-08	0.458477	1	0.989	0.000871	Hematopo RPL36
2981	CLTA.1	4.68E-08	0.45043	0.889	0.425	0.000879	Hematopo CLTA
2982	ERI3	4.82E-08	0.270891	0.381	0.127	0.000906	Hematopo ERI3
2983	PIGP	5.06E-08	0.276854	0.413	0.143	0.00095	Hematopo PIGP
2984	TUBB6	5.24E-08	0.273868	0.206	0.051	0.000985	Hematopo TUBB6
2985	CUEDC2	5.28E-08	0.454639	0.587	0.249	0.000992	Hematopo CUEDC2
2986	SPECC1.1	5.49E-08	0.264592	0.127	0.023	0.001032	Hematopo SPECC1
2987	STARD3NL	5.59E-08	0.298791	0.429	0.152	0.001051	Hematopo STARD3NL
2988	TUBA1A.1	5.95E-08	0.821978	0.746	0.42	0.001118	Hematopo TUBA1A
2989	UBE2E1	6.18E-08	0.333326	0.397	0.139	0.001161	Hematopo UBE2E1
2990	STAM	6.41E-08	0.287929	0.238	0.064	0.001204	Hematopo STAM
2991	RPS7.1	6.64E-08	0.302863	1	0.993	0.001247	Hematopo RPS7
2992	AKIP1	6.79E-08	0.284768	0.222	0.059	0.001276	Hematopo AKIP1
2993	NBDY.1	6.85E-08	0.363274	0.587	0.24	0.001287	Hematopo NBDY
2994	LUC7L3.1	7.26E-08	0.554461	0.778	0.4	0.001364	Hematopo LUC7L3
2995	ACADVL	7.31E-08	0.435702	0.714	0.32	0.001374	Hematopo ACADVL
2996	DNAJC9.1	7.43E-08	0.284347	0.333	0.106	0.001397	Hematopo DNAJC9
2997	MRPL15	7.63E-08	0.312687	0.429	0.154	0.001433	Hematopo MRPL15
2998	DNAJB6	7.63E-08	0.451579	0.635	0.284	0.001434	Hematopo DNAJB6
2999	NACA.1	7.98E-08	0.326157	1	0.991	0.001499	Hematopo NACA
3000	PIIP5K2	8.12E-08	0.25163	0.333	0.107	0.001526	Hematopo PIIP5K2
3001	RPL3.1	8.62E-08	0.388777	1	0.986	0.001619	Hematopo RPL3
3002	ADD3.1	8.70E-08	-1.15697	0.206	0.492	0.001634	Hematopo ADD3
3003	HMGCR	9.09E-08	0.257495	0.19	0.046	0.001707	Hematopo HMGCR
3004	FARSA	9.60E-08	0.346452	0.492	0.19	0.001804	Hematopo FARSA
3005	LAGE3	9.65E-08	0.357007	0.571	0.235	0.001812	Hematopo LAGE3
3006	YIPF2	1.06E-07	0.258186	0.254	0.073	0.002	Hematopo YIPF2
3007	HMG20B	1.07E-07	0.277179	0.492	0.185	0.002003	Hematopo HMG20B
3008	NUCB2.1	1.11E-07	0.627692	0.683	0.361	0.002084	Hematopo NUCB2
3009	IVD	1.12E-07	0.278332	0.286	0.087	0.002096	Hematopo IVD
3010	PSMG4	1.15E-07	0.299094	0.524	0.2	0.002166	Hematopo PSMG4
3011	PCED1A	1.22E-07	0.334054	0.317	0.101	0.002283	Hematopo PCED1A

3012	HMGB1.1	1.23E-07	0.546835	1	0.814	0.002317	Hematopo	HMGB1
3013	PSMG1	1.30E-07	0.286467	0.302	0.094	0.002434	Hematopo	PSMG1
3014	HSBP1.1	1.33E-07	0.444219	0.635	0.28	0.002504	Hematopo	HSBP1
3015	LIPA	1.40E-07	0.318258	0.46	0.173	0.002623	Hematopo	LIPA
3016	IMMP1L	1.41E-07	0.251365	0.27	0.08	0.00265	Hematopo	IMMP1L
3017	ITM2B.1	1.42E-07	-0.76347	0.857	0.885	0.002673	Hematopo	ITM2B
3018	ZNF428.1	1.48E-07	0.49068	0.73	0.326	0.002771	Hematopo	ZNF428
3019	EI24	1.49E-07	0.254057	0.333	0.109	0.00279	Hematopo	EI24
3020	GGCT	1.57E-07	0.30679	0.397	0.141	0.002952	Hematopo	GGCT
3021	SOCS3.1	1.60E-07	0.496258	0.413	0.16	0.003009	Hematopo	SOCS3
3022	CSF2RB.1	1.64E-07	0.289047	0.143	0.03	0.003086	Hematopo	CSF2RB
3023	ERGIC3	1.66E-07	0.565043	0.698	0.36	0.003127	Hematopo	ERGIC3
3024	NAA20	1.69E-07	0.309615	0.556	0.222	0.003171	Hematopo	NAA20
3025	HMGB2.1	1.79E-07	0.302429	0.635	0.27	0.00337	Hematopo	HMGB2
3026	CAMK4.1	1.90E-07	-1.16869	0	0.311	0.003568	Hematopo	CAMK4
3027	INSIG1.1	1.94E-07	0.339803	0.349	0.12	0.003641	Hematopo	INSIG1
3028	NDUFS4	2.16E-07	0.313005	0.397	0.145	0.004064	Hematopo	NDUFS4
3029	MRPS24	2.19E-07	0.336389	0.508	0.203	0.004118	Hematopo	MRPS24
3030	CPT1A	2.25E-07	0.302551	0.254	0.074	0.004227	Hematopo	CPT1A
3031	LST1.1	2.43E-07	-0.33071	0.46	0.169	0.004563	Hematopo	LST1
3032	HLA-DRA	2.44E-07	-0.39637	0.952	0.403	0.004585	Hematopo	HLA-DRA
3033	HDAC2.1	2.52E-07	0.325926	0.619	0.26	0.004743	Hematopo	HDAC2
3034	FLT3LG.1	2.74E-07	-1.21331	0.079	0.39	0.005156	Hematopo	FLT3LG
3035	NIPSNAP2	2.76E-07	0.30299	0.413	0.153	0.005187	Hematopo	NIPSNAP2
3036	CLEC2D.1	2.77E-07	-1.0699	0.016	0.321	0.005197	Hematopo	CLEC2D
3037	CAPRIN1	2.90E-07	0.317834	0.46	0.178	0.005455	Hematopo	CAPRIN1
3038	MRPL9.1	2.91E-07	0.260842	0.556	0.219	0.00546	Hematopo	MRPL9
3039	CCNG1.1	2.94E-07	0.424674	0.508	0.213	0.00553	Hematopo	CCNG1
3040	MEF2C	3.01E-07	0.389576	0.508	0.212	0.005654	Hematopo	MEF2C
3041	CD2.1	3.08E-07	-1.16798	0.016	0.32	0.005793	Hematopo	CD2
3042	ZFAND1.1	3.09E-07	0.371585	0.508	0.207	0.00581	Hematopo	ZFAND1
3043	TCEAL8	3.14E-07	0.282685	0.349	0.12	0.005902	Hematopo	TCEAL8
3044	MPC2	3.17E-07	0.339306	0.603	0.257	0.005963	Hematopo	MPC2
3045	NDUFA11	3.34E-07	0.552545	0.841	0.46	0.006274	Hematopo	NDUFA11
3046	MALAT1.1	3.43E-07	-0.70709	0.984	0.996	0.006439	Hematopo	MALAT1
3047	PTRHD1.1	3.53E-07	0.425327	0.587	0.261	0.00663	Hematopo	PTRHD1
3048	RPS8.1	3.58E-07	0.393673	1	0.992	0.006716	Hematopo	RPS8
3049	GMPR2	3.61E-07	0.285558	0.444	0.168	0.006787	Hematopo	GMPR2
3050	CFAP97.1	3.69E-07	0.287003	0.397	0.145	0.006925	Hematopo	CFAP97
3051	DDX5.1	3.76E-07	-0.76539	0.873	0.847	0.007055	Hematopo	DDX5
3052	RPL39.1	3.82E-07	0.592473	1	0.997	0.007176	Hematopo	RPL39
3053	ERCC1	3.91E-07	0.390461	0.46	0.184	0.007337	Hematopo	ERCC1
3054	S1PR1.1	3.92E-07	-1.01315	0.063	0.376	0.00736	Hematopo	S1PR1
3055	ING4.1	3.99E-07	0.293635	0.524	0.21	0.007492	Hematopo	ING4
3056	SMIM8	4.04E-07	0.262028	0.206	0.056	0.007594	Hematopo	SMIM8
3057	OGT	4.14E-07	0.273901	0.492	0.193	0.007769	Hematopo	OGT
3058	KDELR1	4.27E-07	0.603018	0.635	0.323	0.008028	Hematopo	KDELR1

3059	VIPAS39	4.35E-07	0.260366	0.175	0.043	0.008165	Hematopo	VIPAS39
3060	DNM1L	4.41E-07	0.278646	0.27	0.084	0.008292	Hematopo	DNM1L
3061	SLC25A36	4.45E-07	0.301672	0.381	0.139	0.008368	Hematopo	SLC25A36
3062	CD48.1	4.54E-07	-1.04369	0.127	0.416	0.008524	Hematopo	CD48
3063	RPL37A.1	4.56E-07	0.52553	1	0.837	0.008562	Hematopo	RPL37A
3064	NTPCR	4.59E-07	0.294345	0.302	0.099	0.008622	Hematopo	NTPCR
3065	TNFRSF1A.	4.63E-07	0.27486	0.476	0.185	0.008688	Hematopo	TNFRSF1A
3066	SRI.1	4.70E-07	0.451961	0.778	0.384	0.008822	Hematopo	SRI
3067	PCED1B.1	4.72E-07	-1.10091	0	0.296	0.008872	Hematopo	PCED1B
3068	YIF1B.1	4.74E-07	0.426712	0.492	0.192	0.008898	Hematopo	YIF1B
3069	LAMTOR2.	4.80E-07	0.359686	0.683	0.299	0.009018	Hematopo	LAMTOR2
3070	RPS3A.1	4.87E-07	0.37948	1	0.991	0.009145	Hematopo	RPS3A
3071	RERE	5.32E-07	0.250309	0.302	0.099	0.009985	Hematopo	RERE
3072	YWHAH.1	5.54E-07	0.377094	0.381	0.144	0.010412	Hematopo	YWHAH
3073	DENND2D.	5.54E-07	-1.19183	0.127	0.409	0.010416	Hematopo	DENND2D
3074	FDX1	5.59E-07	0.286614	0.524	0.212	0.010496	Hematopo	FDX1
3075	KLF6.1	5.71E-07	0.573926	0.651	0.319	0.010729	Hematopo	KLF6
3076	LSM7.1	5.82E-07	0.553804	0.921	0.641	0.010933	Hematopo	LSM7
3077	KTN1	6.00E-07	0.403877	0.698	0.327	0.011277	Hematopo	KTN1
3078	RPS28.1	6.07E-07	0.357358	1	0.995	0.011407	Hematopo	RPS28
3079	ATP5F1C	6.28E-07	0.468676	0.873	0.535	0.011795	Hematopo	ATP5F1C
3080	CANX.1	6.29E-07	0.423351	0.635	0.298	0.011823	Hematopo	CANX
3081	FAM160B1	6.52E-07	0.259746	0.206	0.057	0.012251	Hematopo	FAM160B1
3082	ATG4C	6.56E-07	0.264868	0.254	0.078	0.012316	Hematopo	ATG4C
3083	ALOX5AP.1	6.64E-07	-1.25462	0.063	0.361	0.012479	Hematopo	ALOX5AP
3084	KMT2A	6.83E-07	0.312206	0.349	0.124	0.012837	Hematopo	KMT2A
3085	RSL24D1.1	7.36E-07	0.520222	0.889	0.547	0.013819	Hematopo	RSL24D1
3086	TRBC1.1	7.58E-07	-1.59651	0.016	0.304	0.014238	Hematopo	TRBC1
3087	CYTIP.1	7.59E-07	-1.03144	0.254	0.504	0.014251	Hematopo	CYTIP
3088	DCAF13	7.95E-07	0.255536	0.381	0.139	0.014925	Hematopo	DCAF13
3089	DPM3	8.37E-07	0.377349	0.556	0.246	0.015722	Hematopo	DPM3
3090	ZAP70.1	8.97E-07	-1.18716	0.095	0.375	0.016843	Hematopo	ZAP70
3091	SUMO2	9.61E-07	0.454392	1	0.845	0.018047	Hematopo	SUMO2
3092	CLNS1A.1	9.86E-07	0.499499	0.746	0.404	0.018528	Hematopo	CLNS1A
3093	BRWD1	1.01E-06	0.280087	0.444	0.174	0.018887	Hematopo	BRWD1
3094	CHD9	1.01E-06	0.32665	0.413	0.161	0.018968	Hematopo	CHD9
3095	NAA38.1	1.05E-06	0.754848	0.714	0.395	0.019765	Hematopo	NAA38
3096	ACTR3	1.05E-06	-0.91361	0.556	0.664	0.019816	Hematopo	ACTR3
3097	OAZ1.1	1.07E-06	-0.74322	0.968	0.938	0.020149	Hematopo	OAZ1
3098	MRPL45	1.09E-06	0.360857	0.349	0.13	0.02049	Hematopo	MRPL45
3099	CCDC28B	1.11E-06	0.261014	0.222	0.065	0.020836	Hematopo	CCDC28B
3100	CTSW.1	1.15E-06	-0.53578	0.635	0.253	0.021607	Hematopo	CTSW
3101	KATNBL1	1.19E-06	0.25496	0.317	0.11	0.02241	Hematopo	KATNBL1
3102	SPOCK2.1	1.22E-06	-1.08411	0.048	0.328	0.022941	Hematopo	SPOCK2
3103	HCLS1.1	1.29E-06	-0.8877	0.571	0.665	0.024224	Hematopo	HCLS1
3104	TNFRSF4	1.38E-06	0.393857	0.127	0.027	0.026014	Hematopo	TNFRSF4
3105	ABHD14B.:	1.40E-06	0.481296	0.683	0.339	0.026382	Hematopo	ABHD14B

3106	TUBB4B	1.43E-06	0.315976	0.492	0.202	0.026777	Hematopo	TUBB4B
3107	SNHG12.1	1.48E-06	0.345902	0.365	0.138	0.027872	Hematopo	SNHG12
3108	C12orf45	1.50E-06	0.267487	0.238	0.074	0.028204	Hematopo	C12orf45
3109	FAM45A.1	1.52E-06	0.294885	0.333	0.122	0.02864	Hematopo	FAM45A
3110	UBB.1	1.54E-06	0.400952	0.968	0.805	0.028941	Hematopo	UBB
3111	PBXIP1.1	1.55E-06	0.391591	0.476	0.204	0.029058	Hematopo	PBXIP1
3112	VAPA	1.55E-06	0.546799	0.778	0.463	0.029139	Hematopo	VAPA
3113	CCND3	1.57E-06	-1.06768	0.46	0.588	0.02946	Hematopo	CCND3
3114	MT-ND2.1	1.75E-06	0.530364	0.968	0.849	0.032899	Hematopo	MT-ND2
3115	FIS1	1.81E-06	0.494946	0.889	0.521	0.033959	Hematopo	FIS1
3116	MMADHC	1.84E-06	0.405248	0.698	0.333	0.03452	Hematopo	MMADHC
3117	RTRAF	1.85E-06	0.51798	0.857	0.547	0.034689	Hematopo	RTRAF
3118	GCHFR	2.03E-06	0.252199	0.317	0.113	0.038163	Hematopo	GCHFR
3119	DSTN	2.13E-06	0.277022	0.619	0.273	0.040004	Hematopo	DSTN
3120	HSPA8.1	2.15E-06	-0.73333	0.889	0.866	0.040323	Hematopo	HSPA8
3121	AK2	2.22E-06	0.302014	0.492	0.208	0.041627	Hematopo	AK2
3122	MFSD1.1	2.34E-06	0.288016	0.46	0.189	0.04405	Hematopo	MFSD1
3123	FKBP1A.1	2.41E-06	0.490808	0.889	0.583	0.04533	Hematopo	FKBP1A
3124	CNOT10	2.46E-06	0.287519	0.27	0.091	0.046188	Hematopo	CNOT10
3125	ROMO1.1	2.48E-06	0.490488	0.794	0.435	0.046495	Hematopo	ROMO1
3126	UBE2E3	2.51E-06	0.269022	0.46	0.189	0.047065	Hematopo	UBE2E3
3127	RPL22L1.1	2.52E-06	0.478175	0.794	0.463	0.047276	Hematopo	RPL22L1
3128	CSNK2B	2.55E-06	0.277896	0.349	0.131	0.047812	Hematopo	CSNK2B
3129	RIF1	2.60E-06	0.31354	0.254	0.083	0.048931	Hematopo	RIF1
3509	JCHAIN.1	0	6.468285	0.995	0.1	0	Plasma cel	JCHAIN
3510	IGHA1	0	5.819356	0.871	0.053	0	Plasma cel	IGHA1
3511	IGKC.1	0	5.354223	0.67	0.154	0	Plasma cel	IGKC
3512	IGLV3-1	0	5.062866	0.349	0.014	0	Plasma cel	IGLV3-1
3513	IGKV4-1	0	4.981074	0.321	0.029	0	Plasma cel	IGKV4-1
3514	MZB1.2	0	4.419811	1	0.108	0	Plasma cel	MZB1
3515	IGHA2	0	4.365195	0.576	0.013	0	Plasma cel	IGHA2
3516	IGHG1	0	4.257036	0.413	0.029	0	Plasma cel	IGHG1
3517	IGKV1-6	0	4.130037	0.119	0.004	0	Plasma cel	IGKV1-6
3518	HSP90B1.1	0	3.553627	0.998	0.499	0	Plasma cel	HSP90B1
3519	SEC11C	0	2.929788	0.98	0.256	0	Plasma cel	SEC11C
3520	DERL3	0	2.908287	0.984	0.056	0	Plasma cel	DERL3
3521	IGHG4	0	2.831799	0.321	0.008	0	Plasma cel	IGHG4
3522	PPIB	0	2.78569	1	0.788	0	Plasma cel	PPIB
3523	FKBP11.1	0	2.693441	0.986	0.165	0	Plasma cel	FKBP11
3524	ITM2C.1	0	2.580779	0.98	0.14	0	Plasma cel	ITM2C
3525	IGLL5	0	2.576368	0.773	0.08	0	Plasma cel	IGLL5
3526	TNFRSF17	0	2.503611	0.961	0.014	0	Plasma cel	TNFRSF17
3527	SSR3.1	0	2.497574	0.993	0.274	0	Plasma cel	SSR3
3528	TXNDC5	0	2.491693	0.941	0.004	0	Plasma cel	TXNDC5
3529	MYDGF	0	2.43487	0.982	0.289	0	Plasma cel	MYDGF
3530	HSPA5.1	0	2.412421	0.982	0.384	0	Plasma cel	HSPA5
3531	XBP1.1	0	2.411455	0.995	0.358	0	Plasma cel	XBP1

3532 UBE2J1.1	0	2.3178	0.98	0.247	0 Plasma cel UBE2J1
3533 SDF2L1	0	2.244369	0.965	0.201	0 Plasma cel SDF2L1
3534 PDIA4.1	0	2.161198	0.993	0.212	0 Plasma cel PDIA4
3535 SUB1	0	2.158294	0.991	0.768	0 Plasma cel SUB1
3536 PDIA6.1	0	2.10482	0.975	0.359	0 Plasma cel PDIA6
3537 SSR4	0	2.081834	1	0.68	0 Plasma cel SSR4
3538 SPCS3.1	0	2.0069	0.975	0.209	0 Plasma cel SPCS3
3539 SEC61B.1	0	1.92263	0.989	0.574	0 Plasma cel SEC61B
3540 LMAN1.1	0	1.877216	0.97	0.183	0 Plasma cel LMAN1
3541 KDELR2	0	1.804698	0.959	0.249	0 Plasma cel KDELR2
3542 MANF.1	0	1.775402	0.952	0.142	0 Plasma cel MANF
3543 CD38.1	0	1.768279	0.952	0.097	0 Plasma cel CD38
3544 HM13.1	0	1.71243	0.98	0.307	0 Plasma cel HM13
3545 PRDX4.1	0	1.677621	0.931	0.131	0 Plasma cel PRDX4
3546 POU2AF1.1	0	1.662072	0.956	0.084	0 Plasma cel POU2AF1
3547 SPCS2.1	0	1.657233	0.991	0.412	0 Plasma cel SPCS2
3548 CRELD2	0	1.580573	0.947	0.131	0 Plasma cel CRELD2
3549 IGHV6-1	0	1.574979	0.262	0.004	0 Plasma cel IGHV6-1
3550 TENT5C	0	1.571276	0.94	0.044	0 Plasma cel TENT5C
3551 DNAJB11	0	1.559991	0.941	0.131	0 Plasma cel DNAJB11
3552 SELENOS.1	0	1.425188	0.949	0.167	0 Plasma cel SELENOS
3553 AQP3.2	0	1.42404	0.915	0.226	0 Plasma cel AQP3
3554 TYMS	0	1.406877	0.466	0.01	0 Plasma cel TYMS
3555 TXNDC11	0	1.395362	0.924	0.075	0 Plasma cel TXNDC11
3556 IRF4	0	1.392134	0.762	0.032	0 Plasma cel IRF4
3557 ERLEC1	0	1.390431	0.957	0.167	0 Plasma cel ERLEC1
3558 FKBP2	0	1.359982	0.968	0.282	0 Plasma cel FKBP2
3559 FABP5.1	0	1.302573	0.775	0.087	0 Plasma cel FABP5
3560 WARS.1	0	1.230857	0.881	0.124	0 Plasma cel WARS
3561 LRRC59	0	1.216225	0.876	0.12	0 Plasma cel LRRC59
3562 RRBP1.1	0	1.197685	0.874	0.077	0 Plasma cel RRBP1
3563 GMPPB	0	1.170409	0.887	0.052	0 Plasma cel GMPPB
3564 SRM	0	1.100548	0.835	0.082	0 Plasma cel SRM
3565 SEC61A1	0	1.089556	0.91	0.154	0 Plasma cel SEC61A1
3566 DERL1	0	1.074839	0.92	0.171	0 Plasma cel DERL1
3567 ZBP1	0	1.063401	0.851	0.061	0 Plasma cel ZBP1
3568 HDLBP.1	0	1.051951	0.911	0.131	0 Plasma cel HDLBP
3569 VOPP1	0	1.047448	0.913	0.164	0 Plasma cel VOPP1
3570 ELL2	0	1.043464	0.814	0.014	0 Plasma cel ELL2
3571 STT3A	0	1.042103	0.863	0.092	0 Plasma cel STT3A
3572 PTTG1	0	1.02084	0.59	0.04	0 Plasma cel PTTG1
3573 ABCB9	0	1.006779	0.715	0.004	0 Plasma cel ABCB9
3574 GGH	0	1.000087	0.67	0.014	0 Plasma cel GGH
3575 HRASLS2	0	0.99945	0.663	0.007	0 Plasma cel HRASLS2
3576 EAF2	0	0.994981	0.929	0.153	0 Plasma cel EAF2
3577 AL133467.1	0	0.992519	0.778	0.009	0 Plasma cel AL133467.1
3578 SRPRB	0	0.984119	0.892	0.107	0 Plasma cel SRPRB

3579 MLEC	0	0.981893	0.885	0.12	0 Plasma cel MLEC
3580 TMEM208	0	0.981023	0.929	0.199	0 Plasma cel TMEM208
3581 SLC35B1	0	0.975921	0.853	0.093	0 Plasma cel SLC35B1
3582 DCPS	0	0.949655	0.871	0.139	0 Plasma cel DCPS
3583 MTHFD2.1	0	0.945618	0.832	0.128	0 Plasma cel MTHFD2
3584 LILRB4.1	0	0.941729	0.72	0.042	0 Plasma cel LILRB4
3585 NANS.1	0	0.938472	0.856	0.092	0 Plasma cel NANS
3586 DNAJC3.1	0	0.931752	0.908	0.139	0 Plasma cel DNAJC3
3587 HIST1H1B	0	0.924792	0.376	0.013	0 Plasma cel HIST1H1B
3588 GAS6.1	0	0.918518	0.649	0.015	0 Plasma cel GAS6
3589 SLC38A5	0	0.916761	0.759	0.042	0 Plasma cel SLC38A5
3590 AC012236.	0	0.91202	0.796	0.029	0 Plasma cel AC012236.1
3591 CKAP4.1	0	0.907833	0.833	0.054	0 Plasma cel CKAP4
3592 CYTOR.2	0	0.885048	0.862	0.092	0 Plasma cel CYTOR
3593 TXNDC15	0	0.882634	0.887	0.118	0 Plasma cel TXNDC15
3594 UBE2C	0	0.877121	0.356	0.005	0 Plasma cel UBE2C
3595 PRDM1	0	0.873946	0.773	0.031	0 Plasma cel PRDM1
3596 UAP1	0	0.86435	0.787	0.055	0 Plasma cel UAP1
3597 CHPF	0	0.863372	0.78	0.02	0 Plasma cel CHPF
3598 SEMA4A.1	0	0.849375	0.807	0.03	0 Plasma cel SEMA4A
3599 GYG1.1	0	0.841196	0.812	0.158	0 Plasma cel GYG1
3600 BIK	0	0.802407	0.674	0.015	0 Plasma cel BIK
3601 CISD2	0	0.798685	0.894	0.155	0 Plasma cel CISD2
3602 SEL1L3	0	0.798542	0.796	0.062	0 Plasma cel SEL1L3
3603 ENTPD1.1	0	0.788263	0.782	0.039	0 Plasma cel ENTPD1
3604 PREB	0	0.787863	0.878	0.16	0 Plasma cel PREB
3605 MYBL2	0	0.78403	0.564	0.01	0 Plasma cel MYBL2
3606 CCDC167	0	0.776086	0.849	0.127	0 Plasma cel CCDC167
3607 HYOU1	0	0.774774	0.739	0.046	0 Plasma cel HYOU1
3608 NME1.1	0	0.774118	0.784	0.108	0 Plasma cel NME1
3609 ISOC2	0	0.770953	0.832	0.086	0 Plasma cel ISOC2
3610 SEC14L1.1	0	0.769463	0.894	0.147	0 Plasma cel SEC14L1
3611 SLAMF7	0	0.766407	0.81	0.043	0 Plasma cel SLAMF7
3612 CALU	0	0.751364	0.798	0.069	0 Plasma cel CALU
3613 ALG5	0	0.748572	0.869	0.138	0 Plasma cel ALG5
3614 TNFRSF13B	0	0.74766	0.743	0.034	0 Plasma cel TNFRSF13B
3615 TOR3A	0	0.743445	0.844	0.13	0 Plasma cel TOR3A
3616 CDC20	0	0.733691	0.346	0.004	0 Plasma cel CDC20
3617 SAR1B	0	0.733228	0.862	0.127	0 Plasma cel SAR1B
3618 RRM2	0	0.728161	0.365	0.006	0 Plasma cel RRM2
3619 PHGDH.1	0	0.723096	0.567	0.033	0 Plasma cel PHGDH
3620 TK1	0	0.697883	0.461	0.008	0 Plasma cel TK1
3621 ST6GALNA	0	0.696197	0.78	0.068	0 Plasma cel ST6GALNAC4
3622 EDEM2	0	0.694037	0.84	0.1	0 Plasma cel EDEM2
3623 TIMM17A	0	0.685222	0.791	0.14	0 Plasma cel TIMM17A
3624 SPATS2	0	0.679241	0.764	0.028	0 Plasma cel SPATS2
3625 CKS2.1	0	0.674196	0.615	0.081	0 Plasma cel CKS2

3626	CD320.1	0	0.66982	0.768	0.125	0	Plasma cel CD320
3627	B4GALT3	0	0.664701	0.876	0.157	0	Plasma cel B4GALT3
3628	SLC25A4	0	0.660307	0.677	0.039	0	Plasma cel SLC25A4
3629	GNG7.1	0	0.659758	0.778	0.092	0	Plasma cel GNG7
3630	HSPA13	0	0.654266	0.761	0.048	0	Plasma cel HSPA13
3631	MAN1A1.1	0	0.651003	0.702	0.025	0	Plasma cel MAN1A1
3632	SGK1.1	0	0.647791	0.436	0.028	0	Plasma cel SGK1
3633	IFI27L1	0	0.644207	0.707	0.027	0	Plasma cel IFI27L1
3634	SMC4	0	0.642598	0.665	0.096	0	Plasma cel SMC4
3635	MCUR1	0	0.635183	0.821	0.095	0	Plasma cel MCUR1
3636	LAMP5	0	0.627725	0.379	0.005	0	Plasma cel LAMP5
3637	UBA5	0	0.624153	0.807	0.089	0	Plasma cel UBA5
3638	DNAJC1.1	0	0.619224	0.821	0.133	0	Plasma cel DNAJC1
3639	GMPPA	0	0.618569	0.755	0.08	0	Plasma cel GMPPA
3640	GINS2	0	0.608574	0.39	0.01	0	Plasma cel GINS2
3641	BIRC5	0	0.601965	0.427	0.005	0	Plasma cel BIRC5
3642	CCNB1	0	0.599686	0.378	0.016	0	Plasma cel CCNB1
3643	ZNF593	0	0.588931	0.849	0.13	0	Plasma cel ZNF593
3644	MANEA	0	0.588453	0.711	0.034	0	Plasma cel MANEA
3645	HMGB3	0	0.5855	0.539	0.015	0	Plasma cel HMGB3
3646	CASP3.1	0	0.585268	0.798	0.093	0	Plasma cel CASP3
3647	MIR4435-2	0	0.584882	0.711	0.06	0	Plasma cel MIR4435-2HG
3648	CDK1	0	0.58091	0.348	0.006	0	Plasma cel CDK1
3649	CDKN3	0	0.579756	0.413	0.011	0	Plasma cel CDKN3
3650	APOBEC3B	0	0.579264	0.48	0.004	0	Plasma cel APOBEC3B
3651	UBE2S	0	0.578443	0.454	0.026	0	Plasma cel UBE2S
3652	UCHL1	0	0.576398	0.316	0.001	0	Plasma cel UCHL1
3653	SLC44A1	0	0.573815	0.711	0.041	0	Plasma cel SLC44A1
3654	TP53INP1	0	0.573568	0.635	0.042	0	Plasma cel TP53INP1
3655	ZWINT	0	0.573561	0.404	0.013	0	Plasma cel ZWINT
3656	FEN1	0	0.570734	0.5	0.051	0	Plasma cel FEN1
3657	KPNA2	0	0.56882	0.567	0.075	0	Plasma cel KPNA2
3658	NUSAP1	0	0.563647	0.392	0.008	0	Plasma cel NUSAP1
3659	OAS1.1	0	0.562423	0.816	0.15	0	Plasma cel OAS1
3660	CENPM	0	0.560498	0.473	0.035	0	Plasma cel CENPM
3661	CCR10	0	0.556062	0.47	0.004	0	Plasma cel CCR10
3662	DNAJB9	0	0.555988	0.762	0.098	0	Plasma cel DNAJB9
3663	SIL1.1	0	0.55406	0.725	0.059	0	Plasma cel SIL1
3664	MKI67	0	0.553678	0.397	0.009	0	Plasma cel MKI67
3665	GNL3	0	0.552563	0.78	0.1	0	Plasma cel GNL3
3666	CPNE5	0	0.551748	0.725	0.048	0	Plasma cel CPNE5
3667	PYCR1	0	0.55153	0.599	0.012	0	Plasma cel PYCR1
3668	CCNC	0	0.548803	0.814	0.143	0	Plasma cel CCNC
3669	PSAT1	0	0.548461	0.512	0.035	0	Plasma cel PSAT1
3670	CENPW	0	0.547528	0.441	0.017	0	Plasma cel CENPW
3671	BAK1	0	0.542238	0.745	0.091	0	Plasma cel BAK1
3672	FCRL5	0	0.54139	0.661	0.036	0	Plasma cel FCRL5

3673 PHF19	0	0.539065	0.514	0.062	0 Plasma cel PHF19
3674 DHFR	0	0.537892	0.426	0.022	0 Plasma cel DHFR
3675 KLHL14	0	0.537496	0.378	0.031	0 Plasma cel KLHL14
3676 CCNA2	0	0.531415	0.344	0.004	0 Plasma cel CCNA2
3677 HIBCH.1	0	0.527839	0.791	0.103	0 Plasma cel HIBCH
3678 CHST12.2	0	0.526993	0.892	0.145	0 Plasma cel CHST12
3679 PDIA5	0	0.526681	0.656	0.014	0 Plasma cel PDIA5
3680 SEC24D	0	0.524287	0.66	0.031	0 Plasma cel SEC24D
3681 PERP	0	0.522116	0.482	0.011	0 Plasma cel PERP
3682 SLC17A9.1	0	0.518668	0.638	0.033	0 Plasma cel SLC17A9
3683 FNDC3B.1	0	0.517736	0.628	0.044	0 Plasma cel FNDC3B
3684 MAD2L1	0	0.51586	0.475	0.041	0 Plasma cel MAD2L1
3685 SLC1A5.1	0	0.515234	0.621	0.058	0 Plasma cel SLC1A5
3686 SHCBP1	0	0.514136	0.422	0.004	0 Plasma cel SHCBP1
3687 CCNB2	0	0.511109	0.348	0.005	0 Plasma cel CCNB2
3688 TPD52.1	0	0.508903	0.84	0.107	0 Plasma cel TPD52
3689 GMNN	0	0.506516	0.475	0.026	0 Plasma cel GMNN
3690 CENPU	0	0.505788	0.376	0.013	0 Plasma cel CENPU
3691 NCLN	0	0.504689	0.75	0.089	0 Plasma cel NCLN
3692 UBE2T	0	0.50323	0.468	0.035	0 Plasma cel UBE2T
3693 GSPT1	0	0.501188	0.69	0.11	0 Plasma cel GSPT1
3694 MEI1	0	0.49531	0.736	0.085	0 Plasma cel MEI1
3695 TUBG1	0	0.490188	0.52	0.036	0 Plasma cel TUBG1
3696 SAR1A	0	0.483274	0.762	0.103	0 Plasma cel SAR1A
3697 PDXK.1	0	0.480122	0.661	0.051	0 Plasma cel PDXK
3698 CHAC2	0	0.476941	0.608	0.025	0 Plasma cel CHAC2
3699 COPG1	0	0.473806	0.812	0.127	0 Plasma cel COPG1
3700 BUB1	0	0.472794	0.441	0.004	0 Plasma cel BUB1
3701 CHID1	0	0.472149	0.805	0.119	0 Plasma cel CHID1
3702 NPIPB12	0	0.467195	0.404	0.001	0 Plasma cel NPIPB12
3703 ZBTB38	0	0.464611	0.702	0.101	0 Plasma cel ZBTB38
3704 MGAT2	0	0.462377	0.755	0.091	0 Plasma cel MGAT2
3705 CLIC4	0	0.453679	0.679	0.045	0 Plasma cel CLIC4
3706 H2AFX	0	0.452416	0.449	0.047	0 Plasma cel H2AFX
3707 CDC6	0	0.451997	0.392	0.003	0 Plasma cel CDC6
3708 WIPI1	0	0.451521	0.619	0.03	0 Plasma cel WIPI1
3709 PLK1	0	0.450281	0.266	0.005	0 Plasma cel PLK1
3710 UCK2	0	0.448956	0.543	0.022	0 Plasma cel UCK2
3711 PARM1	0	0.448668	0.557	0.005	0 Plasma cel PARM1
3712 C11orf24	0	0.447803	0.757	0.099	0 Plasma cel C11orf24
3713 SCARB2.1	0	0.443677	0.663	0.056	0 Plasma cel SCARB2
3714 FUT8	0	0.442711	0.683	0.083	0 Plasma cel FUT8
3715 SLC1A4	0	0.437468	0.555	0.011	0 Plasma cel SLC1A4
3716 B9D1	0	0.432744	0.484	0.006	0 Plasma cel B9D1
3717 LINC02384	0	0.429385	0.567	0.032	0 Plasma cel LINC02384
3718 TMEM156.	0	0.421598	0.704	0.11	0 Plasma cel TMEM156
3719 PKMYT1	0	0.419336	0.307	0.003	0 Plasma cel PKMYT1

3720	USO1	0	0.417969	0.789	0.128	0	Plasma cel USO1
3721	RHOB.1	0	0.41751	0.514	0.066	0	Plasma cel RHOB
3722	SYVN1.1	0	0.413852	0.766	0.127	0	Plasma cel SYVN1
3723	SEL1L	0	0.413657	0.702	0.087	0	Plasma cel SEL1L
3724	CDV3.1	0	0.409886	0.73	0.11	0	Plasma cel CDV3
3725	CLPTM1L	0	0.40806	0.574	0.03	0	Plasma cel CLPTM1L
3726	DPAGT1	0	0.406598	0.683	0.076	0	Plasma cel DPAGT1
3727	ASNS	0	0.397314	0.551	0.048	0	Plasma cel ASNS
3728	HYI.1	0	0.391165	0.566	0.031	0	Plasma cel HYI
3729	PCLAF	0	0.389754	0.39	0.007	0	Plasma cel PCLAF
3730	ARMCX3	0	0.3891	0.683	0.1	0	Plasma cel ARMCX3
3731	PAPSS1.1	0	0.387792	0.759	0.123	0	Plasma cel PAPSS1
3732	CLSPN	0	0.387196	0.339	0.007	0	Plasma cel CLSPN
3733	ERGIC1.1	0	0.385344	0.734	0.105	0	Plasma cel ERGIC1
3734	ERN1	0	0.380513	0.539	0.05	0	Plasma cel ERN1
3735	NEU1	0	0.37605	0.645	0.07	0	Plasma cel NEU1
3736	SLC39A7	0	0.374491	0.697	0.08	0	Plasma cel SLC39A7
3737	DESI1	0	0.370906	0.684	0.109	0	Plasma cel DESI1
3738	TM9SF1	0	0.369269	0.651	0.065	0	Plasma cel TM9SF1
3739	LINC02362	0	0.369251	0.358	0	0	Plasma cel LINC02362
3740	CAV1	0	0.366493	0.369	0.001	0	Plasma cel CAV1
3741	GOLGB1	0	0.366444	0.668	0.106	0	Plasma cel GOLGB1
3742	NT5DC2	0	0.366314	0.45	0.003	0	Plasma cel NT5DC2
3743	KCNK6.1	0	0.36612	0.512	0.036	0	Plasma cel KCNK6
3744	CENPN	0	0.36569	0.394	0.017	0	Plasma cel CENPN
3745	SLC38A10.	0	0.364903	0.761	0.122	0	Plasma cel SLC38A10
3746	TMEM214	0	0.360935	0.644	0.058	0	Plasma cel TMEM214
3747	SPTSSA	0	0.36082	0.621	0.062	0	Plasma cel SPTSSA
3748	METTL7A	0	0.357292	0.622	0.068	0	Plasma cel METTL7A
3749	ASF1B	0	0.353199	0.346	0.015	0	Plasma cel ASF1B
3750	GPRC5D	0	0.35163	0.309	0	0	Plasma cel GPRC5D
3751	ALG2	0	0.351323	0.732	0.099	0	Plasma cel ALG2
3752	EDEM1	0	0.35129	0.582	0.046	0	Plasma cel EDEM1
3753	IKBIP	0	0.347623	0.66	0.089	0	Plasma cel IKBIP
3754	JSRP1	0	0.346843	0.275	0.005	0	Plasma cel JSRP1
3755	HELLS	0	0.345538	0.378	0.021	0	Plasma cel HELLS
3756	GFPT1	0	0.342163	0.569	0.042	0	Plasma cel GFPT1
3757	AURKB	0	0.341941	0.309	0.004	0	Plasma cel AURKB
3758	ARID3A.1	0	0.339877	0.553	0.032	0	Plasma cel ARID3A
3759	ARL1	0	0.339458	0.743	0.119	0	Plasma cel ARL1
3760	MCEE	0	0.339342	0.676	0.062	0	Plasma cel MCEE
3761	TPX2	0	0.339312	0.307	0.006	0	Plasma cel TPX2
3762	PKHD1L1	0	0.338798	0.465	0.008	0	Plasma cel PKHD1L1
3763	ALG14	0	0.337579	0.539	0.027	0	Plasma cel ALG14
3764	SKA2	0	0.336755	0.606	0.089	0	Plasma cel SKA2
3765	DNM2.1	0	0.335549	0.677	0.102	0	Plasma cel DNM2
3766	CBWD2	0	0.333904	0.732	0.115	0	Plasma cel CBWD2

3767 C1GALT1C	0	0.332714	0.67	0.083	0 Plasma cel C1GALT1C1
3768 SHMT1	0	0.329301	0.5	0.037	0 Plasma cel SHMT1
3769 MYL6B.1	0	0.32545	0.613	0.062	0 Plasma cel MYL6B
3770 COL9A3	0	0.324382	0.45	0.03	0 Plasma cel COL9A3
3771 HSD17B8	0	0.323408	0.647	0.084	0 Plasma cel HSD17B8
3772 CEP128	0	0.322766	0.459	0.01	0 Plasma cel CEP128
3773 IFNAR2	0	0.322745	0.644	0.076	0 Plasma cel IFNAR2
3774 COBLL1	0	0.321051	0.56	0.038	0 Plasma cel COBLL1
3775 CDCA3	0	0.318537	0.289	0.004	0 Plasma cel CDCA3
3776 ASPM	0	0.317672	0.321	0.004	0 Plasma cel ASPM
3777 AARS	0	0.317504	0.635	0.08	0 Plasma cel AARS
3778 TRIP13	0	0.31721	0.34	0.004	0 Plasma cel TRIP13
3779 HIST1H3B	0	0.31635	0.252	0.003	0 Plasma cel HIST1H3B
3780 CENPF	0	0.315879	0.301	0.011	0 Plasma cel CENPF
3781 LZTFL1.1	0	0.315742	0.452	0.046	0 Plasma cel LZTFL1
3782 SSPN	0	0.314828	0.349	0.008	0 Plasma cel SSPN
3783 SEC24A	0	0.314225	0.495	0.027	0 Plasma cel SEC24A
3784 ACBD3	0	0.313355	0.571	0.046	0 Plasma cel ACBD3
3785 HMMR	0	0.312726	0.31	0.003	0 Plasma cel HMMR
3786 TRIB1.1	0	0.311782	0.441	0.015	0 Plasma cel TRIB1
3787 DEF8	0	0.311208	0.656	0.1	0 Plasma cel DEF8
3788 LMO4.1	0	0.311064	0.686	0.1	0 Plasma cel LMO4
3789 SMC2	0	0.310919	0.433	0.046	0 Plasma cel SMC2
3790 GMDS	0	0.310655	0.713	0.106	0 Plasma cel GMDS
3791 RHEX.1	0	0.309077	0.417	0.024	0 Plasma cel RHEX
3792 NCAPG	0	0.306865	0.309	0.004	0 Plasma cel NCAPG
3793 MCM2	0	0.306628	0.339	0.025	0 Plasma cel MCM2
3794 LGALS3.1	0	0.301926	0.782	0.111	0 Plasma cel LGALS3
3795 DLGAP5	0	0.299993	0.28	0.003	0 Plasma cel DLGAP5
3796 BMP8B	0	0.298904	0.369	0.001	0 Plasma cel BMP8B
3797 PLA2G16	0	0.298373	0.502	0.061	0 Plasma cel PLA2G16
3798 TOP2A	0	0.297793	0.268	0.006	0 Plasma cel TOP2A
3799 TCF4.1	0	0.297286	0.764	0.117	0 Plasma cel TCF4
3800 MAGED1.1	0	0.296166	0.608	0.083	0 Plasma cel MAGED1
3801 CLECL1	0	0.295193	0.472	0.04	0 Plasma cel CLECL1
3802 MAGT1	0	0.294522	0.598	0.059	0 Plasma cel MAGT1
3803 ACAT1	0	0.29345	0.615	0.074	0 Plasma cel ACAT1
3804 ZBTB32	0	0.292356	0.388	0.011	0 Plasma cel ZBTB32
3805 SCFD1	0	0.291583	0.681	0.106	0 Plasma cel SCFD1
3806 EZH2	0	0.29114	0.417	0.029	0 Plasma cel EZH2
3807 TRAM2	0	0.289732	0.452	0.016	0 Plasma cel TRAM2
3808 CREB3	0	0.288378	0.661	0.087	0 Plasma cel CREB3
3809 LRR1	0	0.288217	0.461	0.046	0 Plasma cel LRR1
3810 CDC45	0	0.286983	0.3	0.004	0 Plasma cel CDC45
3811 CBWD1	0	0.286653	0.511	0.055	0 Plasma cel CBWD1
3812 RBBP8	0	0.284667	0.44	0.034	0 Plasma cel RBBP8
3813 SPC25	0	0.284492	0.287	0.002	0 Plasma cel SPC25

3814 ANKRD28.	0	0.28384	0.457	0.023	0 Plasma cel ANKRD28
3815 PGM3	0	0.281341	0.479	0.027	0 Plasma cel PGM3
3816 FBXW7	0	0.280045	0.461	0.036	0 Plasma cel FBXW7
3817 RGS13	0	0.279888	0.165	0.001	0 Plasma cel RGS13
3818 CDT1	0	0.276872	0.293	0.006	0 Plasma cel CDT1
3819 HIST1H3G	0	0.27494	0.191	0.002	0 Plasma cel HIST1H3G
3820 CD59	0	0.273727	0.426	0.017	0 Plasma cel CD59
3821 GCSH	0	0.272986	0.486	0.03	0 Plasma cel GCSH
3822 AC104699.	0	0.27202	0.363	0.001	0 Plasma cel AC104699.1
3823 KIFC1	0	0.271769	0.284	0.004	0 Plasma cel KIFC1
3824 MPST.2	0	0.271511	0.626	0.076	0 Plasma cel MPST
3825 CNPY2	0	0.269693	0.713	0.113	0 Plasma cel CNPY2
3826 UHRF1	0	0.266006	0.27	0.004	0 Plasma cel UHRF1
3827 CLN6	0	0.2648	0.511	0.042	0 Plasma cel CLN6
3828 NXPE3	0	0.26457	0.592	0.069	0 Plasma cel NXPE3
3829 ORC6	0	0.264299	0.305	0.008	0 Plasma cel ORC6
3830 CDKN2A	0	0.261768	0.348	0.012	0 Plasma cel CDKN2A
3831 ALG8	0	0.260912	0.598	0.071	0 Plasma cel ALG8
3832 CADM1	0	0.260116	0.305	0.002	0 Plasma cel CADM1
3833 MCM4	0	0.256798	0.307	0.017	0 Plasma cel MCM4
3834 MIXL1	0	0.25669	0.321	0	0 Plasma cel MIXL1
3835 HMBS	0	0.256602	0.52	0.047	0 Plasma cel HMBS
3836 KLF10.2	0	0.256373	0.468	0.054	0 Plasma cel KLF10
3837 FAM69A	0	0.255527	0.628	0.076	0 Plasma cel FAM69A
3838 HIST1H2BH	0	0.254007	0.319	0.008	0 Plasma cel HIST1H2BH
3839 CNKSR1	0	0.253764	0.326	0.002	0 Plasma cel CNKSR1
3840 CNP	0	0.253005	0.523	0.062	0 Plasma cel CNP
3841 RASGRP3	0	0.252647	0.392	0.02	0 Plasma cel RASGRP3
3842 GTSE1	0	0.25251	0.246	0.003	0 Plasma cel GTSE1
3843 NUGGC	0	0.251737	0.358	0.002	0 Plasma cel NUGGC
3844 NDC80	0	0.251708	0.285	0.017	0 Plasma cel NDC80
3845 ACSS1	0	0.250922	0.539	0.063	0 Plasma cel ACSS1
3846 NUS1	0	0.250769	0.574	0.067	0 Plasma cel NUS1
3847 TROAP	0	0.25064	0.31	0.004	0 Plasma cel TROAP
3848 DTL	0	0.250169	0.271	0.003	0 Plasma cel DTL
3849 RPL30.1	0	-2.00241	0.989	0.997	0 Plasma cel RPL30
3850 P4HB	2.11E-307	1.605131	0.972	0.378	3.96E-303 Plasma cel P4HB
3851 IER3IP1	2.42E-306	0.332216	0.727	0.121	4.54E-302 Plasma cel IER3IP1
3852 SEC63	4.94E-306	0.429612	0.784	0.137	9.27E-302 Plasma cel SEC63
3853 PMVK	2.94E-305	0.420849	0.725	0.122	5.53E-301 Plasma cel PMVK
3854 PCK2	2.34E-304	0.306034	0.55	0.077	4.40E-300 Plasma cel PCK2
3855 OSTC.1	5.93E-304	1.526051	0.989	0.427	1.11E-299 Plasma cel OSTC
3856 BCL2L12	5.05E-302	0.271763	0.496	0.065	9.50E-298 Plasma cel BCL2L12
3857 RNASEH1	8.25E-302	0.299909	0.645	0.101	1.55E-297 Plasma cel RNASEH1
3858 CCDC32.1	7.41E-301	0.48052	0.821	0.151	1.39E-296 Plasma cel CCDC32
3859 NTAN1	1.00E-300	0.300126	0.635	0.098	1.89E-296 Plasma cel NTAN1
3860 CXXC5.2	2.13E-298	0.298805	0.766	0.133	4.00E-294 Plasma cel CXXC5

3861	GPR25	3.33E-298	0.304815	0.243	0.018	6.26E-294	Plasma cel GPR25
3862	PAICS.2	9.40E-298	0.510425	0.661	0.11	1.77E-293	Plasma cel PAICS
3863	FAU.1	3.76E-297	-1.25391	0.991	0.998	7.07E-293	Plasma cel FAU
3864	FH	4.48E-297	0.31144	0.647	0.102	8.41E-293	Plasma cel FH
3865	SRP54	5.92E-297	0.559896	0.879	0.172	1.11E-292	Plasma cel SRP54
3866	ALG3	1.56E-296	0.357725	0.72	0.122	2.93E-292	Plasma cel ALG3
3867	TMEM106	8.79E-295	0.46664	0.61	0.096	1.65E-290	Plasma cel TMEM106C
3868	SSR1	4.12E-291	1.099439	0.941	0.252	7.73E-287	Plasma cel SSR1
3869	PFDN5	4.26E-291	-1.73149	0.973	0.979	8.01E-287	Plasma cel PFDN5
3870	ARF4	5.12E-291	1.191992	0.945	0.269	9.61E-287	Plasma cel ARF4
3871	FTSJ1.1	2.41E-290	0.479071	0.793	0.146	4.53E-286	Plasma cel FTSJ1
3872	SEC23B	8.43E-290	0.363623	0.743	0.13	1.58E-285	Plasma cel SEC23B
3873	RPL32.1	1.09E-289	-1.76054	0.993	0.995	2.05E-285	Plasma cel RPL32
3874	DERL2	2.06E-289	0.686661	0.883	0.182	3.87E-285	Plasma cel DERL2
3875	STT3B	9.44E-289	0.3013	0.697	0.117	1.77E-284	Plasma cel STT3B
3876	TMSB4X.2	3.82E-288	-1.84146	0.979	0.999	7.18E-284	Plasma cel TMSB4X
3877	MORF4L2	5.73E-284	0.303782	0.709	0.122	1.08E-279	Plasma cel MORF4L2
3878	SEC61G.2	1.20E-283	1.775775	0.982	0.508	2.26E-279	Plasma cel SEC61G
3879	BOLA2-SM	1.85E-282	0.250762	0.633	0.102	3.47E-278	Plasma cel BOLA2-SMG1P6
3880	MARS	2.41E-282	0.309606	0.727	0.127	4.53E-278	Plasma cel MARS
3881	HSH2D	8.25E-282	0.392246	0.848	0.163	1.55E-277	Plasma cel HSH2D
3882	GLRX5	9.76E-281	0.262484	0.532	0.077	1.83E-276	Plasma cel GLRX5
3883	RPL11.1	8.75E-278	-1.48727	0.989	0.995	1.64E-273	Plasma cel RPL11
3884	RPS12.2	1.10E-277	-1.74266	0.991	0.995	2.07E-273	Plasma cel RPS12
3885	RPS27A.1	3.00E-276	-1.4755	0.991	0.995	5.64E-272	Plasma cel RPS27A
3886	RPN1	8.91E-276	1.326012	0.959	0.354	1.67E-271	Plasma cel RPN1
3887	ARFGAP3	9.38E-276	0.418889	0.771	0.144	1.76E-271	Plasma cel ARFGAP3
3888	PLPP5.1	2.33E-275	0.541593	0.941	0.203	4.37E-271	Plasma cel PLPP5
3889	USP48	2.22E-274	0.314748	0.748	0.135	4.16E-270	Plasma cel USP48
3890	CHMP4B.1	2.41E-274	0.355406	0.72	0.129	4.52E-270	Plasma cel CHMP4B
3891	RPS23.2	4.52E-274	-1.55648	0.991	0.993	8.50E-270	Plasma cel RPS23
3892	RPL13.1	4.38E-272	-1.55976	0.996	0.992	8.22E-268	Plasma cel RPL13
3893	LINC01480	8.54E-272	0.462917	0.326	0.034	1.60E-267	Plasma cel LINC01480
3894	RPL19.1	2.87E-271	-1.32734	0.996	0.995	5.39E-267	Plasma cel RPL19
3895	TMED9.1	2.89E-271	1.264718	0.963	0.321	5.43E-267	Plasma cel TMED9
3896	SLC52A2	3.09E-271	0.270808	0.679	0.117	5.81E-267	Plasma cel SLC52A2
3897	EEF1A1.1	4.55E-271	-1.60655	0.996	0.997	8.55E-267	Plasma cel EEF1A1
3898	TMED10	5.07E-271	1.224795	0.966	0.321	9.52E-267	Plasma cel TMED10
3899	IGHV3-64	2.67E-270	2.79788	0.119	0.004	5.01E-266	Plasma cel IGHV3-64
3900	RPN2.1	1.13E-269	1.431956	0.97	0.414	2.12E-265	Plasma cel RPN2
3901	MCM6	1.02E-264	0.322162	0.379	0.046	1.91E-260	Plasma cel MCM6
3902	RPL10.1	1.42E-262	-1.41783	0.996	0.995	2.68E-258	Plasma cel RPL10
3903	KLF13	2.28E-261	0.429749	0.775	0.151	4.28E-257	Plasma cel KLF13
3904	ATF4	1.68E-260	0.287865	0.739	0.137	3.16E-256	Plasma cel ATF4
3905	TMEM258	9.24E-257	1.478063	0.988	0.631	1.73E-252	Plasma cel TMEM258
3906	EBNA1BP2	2.56E-255	0.42117	0.667	0.122	4.82E-251	Plasma cel EBNA1BP2
3907	LMAN2	4.61E-255	1.239961	0.979	0.397	8.65E-251	Plasma cel LMAN2

3908	FAM136A	1.48E-254	0.452522	0.787	0.157	2.78E-250	Plasma cel FAM136A
3909	RPL28.1	2.20E-254	-1.06892	0.995	0.998	4.14E-250	Plasma cel RPL28
3910	TMED5	5.08E-254	0.475359	0.821	0.168	9.55E-250	Plasma cel TMED5
3911	RPL34.2	5.12E-253	-1.69606	0.993	0.995	9.61E-249	Plasma cel RPL34
3912	RPS3A.2	3.49E-252	-1.52916	0.991	0.991	6.56E-248	Plasma cel RPS3A
3913	COPB2	3.62E-252	0.598236	0.851	0.185	6.81E-248	Plasma cel COPB2
3914	IGLC2.1	4.96E-252	4.038506	0.514	0.097	9.32E-248	Plasma cel IGLC2
3915	EEF1D.2	2.87E-251	-1.39188	0.982	0.984	5.39E-247	Plasma cel EEF1D
3916	UBE2G1	4.42E-251	0.646088	0.855	0.187	8.30E-247	Plasma cel UBE2G1
3917	RPL29.2	6.59E-251	-1.29907	0.991	0.993	1.24E-246	Plasma cel RPL29
3918	YIF1A	9.14E-251	0.595374	0.851	0.186	1.72E-246	Plasma cel YIF1A
3919	TMEM167	8.45E-250	0.492803	0.879	0.189	1.59E-245	Plasma cel TMEM167A
3920	RPL26L1	5.10E-249	0.289378	0.668	0.121	9.58E-245	Plasma cel RPL26L1
3921	IGKV1-9	7.68E-249	4.347092	0.117	0.005	1.44E-244	Plasma cel IGKV1-9
3922	IQGAP2.2	3.54E-248	0.255061	0.66	0.119	6.66E-244	Plasma cel IQGAP2
3923	PSMD12	3.65E-248	0.290381	0.73	0.139	6.85E-244	Plasma cel PSMD12
3924	CTSH.2	1.30E-247	0.410381	0.75	0.148	2.44E-243	Plasma cel CTSH
3925	DDOST.2	2.15E-247	1.325432	0.961	0.433	4.03E-243	Plasma cel DDOST
3926	SPCS1.1	1.34E-245	1.299346	0.995	0.641	2.51E-241	Plasma cel SPCS1
3927	TOP1.1	3.01E-245	0.663658	0.892	0.207	5.65E-241	Plasma cel TOP1
3928	PSMD14	3.83E-245	0.311479	0.699	0.131	7.19E-241	Plasma cel PSMD14
3929	RPS15.2	5.69E-245	-1.06098	0.998	0.994	1.07E-240	Plasma cel RPS15
3930	RPL12.2	8.28E-244	-1.28182	0.991	0.992	1.55E-239	Plasma cel RPL12
3931	MRPS14	3.02E-243	0.298795	0.752	0.146	5.67E-239	Plasma cel MRPS14
3932	SEC13	5.37E-243	1.05995	0.924	0.28	1.01E-238	Plasma cel SEC13
3933	RPS27.2	7.81E-243	-1.97307	0.993	0.994	1.47E-238	Plasma cel RPS27
3934	RPS25.1	6.28E-241	-1.36147	0.986	0.991	1.18E-236	Plasma cel RPS25
3935	SND1	2.19E-240	0.566406	0.86	0.191	4.12E-236	Plasma cel SND1
3936	RPS19.1	4.99E-240	-1.10692	0.996	0.993	9.38E-236	Plasma cel RPS19
3937	HNRNPAB	1.08E-237	0.431899	0.583	0.104	2.03E-233	Plasma cel HNRNPAB
3938	RPL39.2	1.20E-237	-1.58379	1	0.997	2.26E-233	Plasma cel RPL39
3939	RPS3.2	3.67E-237	-1.25533	0.989	0.993	6.90E-233	Plasma cel RPS3
3940	CALR.1	5.38E-237	1.776163	0.991	0.599	1.01E-232	Plasma cel CALR
3941	RPL41.1	6.61E-237	-0.98748	1	0.999	1.24E-232	Plasma cel RPL41
3942	MPDU1	1.44E-236	0.272771	0.645	0.119	2.70E-232	Plasma cel MPDU1
3943	EIF4G1	1.80E-236	0.377842	0.752	0.152	3.38E-232	Plasma cel EIF4G1
3944	TXNL4A	1.83E-234	0.39015	0.748	0.152	3.43E-230	Plasma cel TXNL4A
3945	ODC1.1	4.81E-234	0.574923	0.736	0.156	9.03E-230	Plasma cel ODC1
3946	RPL6.1	1.68E-233	-1.15876	0.993	0.991	3.16E-229	Plasma cel RPL6
3947	COMMD6	3.60E-233	-1.84233	0.915	0.915	6.75E-229	Plasma cel COMMD6
3948	RPL18A.1	7.03E-233	-1.28897	0.993	0.992	1.32E-228	Plasma cel RPL18A
3949	MEF2C.1	1.12E-232	0.378152	0.901	0.203	2.10E-228	Plasma cel MEF2C
3950	RPS13.1	1.09E-231	-1.19703	0.988	0.993	2.04E-227	Plasma cel RPS13
3951	MRPL22	2.86E-231	0.470305	0.819	0.178	5.37E-227	Plasma cel MRPL22
3952	RPL26.2	3.69E-231	-1.35471	0.982	0.989	6.93E-227	Plasma cel RPL26
3953	CCDC47	1.94E-230	0.266547	0.621	0.113	3.64E-226	Plasma cel CCDC47
3954	FDX1.1	3.14E-230	0.591905	0.879	0.204	5.90E-226	Plasma cel FDX1

3955	C12orf75.1	6.39E-230	0.686942	0.824	0.194	1.20E-225	Plasma cel C12orf75
3956	PSMC2	4.58E-229	0.331689	0.723	0.145	8.60E-225	Plasma cel PSMC2
3957	CCND2.1	1.86E-228	1.247075	0.637	0.136	3.49E-224	Plasma cel CCND2
3958	SURF4	1.14E-227	0.427915	0.8	0.171	2.14E-223	Plasma cel SURF4
3959	ARSA	1.34E-226	0.322215	0.718	0.145	2.51E-222	Plasma cel ARSA
3960	DPM2	2.09E-226	0.345445	0.777	0.162	3.92E-222	Plasma cel DPM2
3961	LTB.2	7.06E-226	-3.70066	0.142	0.817	1.33E-221	Plasma cel LTB
3962	LAP3.1	9.42E-226	0.492007	0.793	0.174	1.77E-221	Plasma cel LAP3
3963	YIF1B.2	1.67E-225	0.543459	0.819	0.184	3.14E-221	Plasma cel YIF1B
3964	SSSCA1	3.67E-225	0.349501	0.789	0.167	6.90E-221	Plasma cel SSSCA1
3965	RPL14.2	4.62E-225	-1.23126	0.989	0.989	8.67E-221	Plasma cel RPL14
3966	MYL12A.2	3.22E-224	-1.7304	0.949	0.946	6.06E-220	Plasma cel MYL12A
3967	RPS9.1	1.47E-223	-1.12745	0.989	0.992	2.76E-219	Plasma cel RPS9
3968	CANX.2	5.14E-223	1.001117	0.943	0.29	9.66E-219	Plasma cel CANX
3969	LGALS1.1	1.24E-221	0.409217	0.883	0.222	2.33E-217	Plasma cel LGALS1
3970	HIST1H1C	1.58E-220	0.384234	0.75	0.16	2.97E-216	Plasma cel HIST1H1C
3971	PDLIM1.1	4.57E-220	0.378297	0.805	0.176	8.58E-216	Plasma cel PDLIM1
3972	RPS24.2	2.18E-218	-1.02426	0.995	0.994	4.09E-214	Plasma cel RPS24
3973	HLA-E.2	2.59E-218	-1.52488	0.977	0.956	4.86E-214	Plasma cel HLA-E
3974	NACA.2	1.21E-216	-1.0821	0.988	0.991	2.28E-212	Plasma cel NACA
3975	ERGIC2.1	1.72E-214	0.367978	0.84	0.187	3.23E-210	Plasma cel ERGIC2
3976	COMMD1	1.80E-214	0.267392	0.761	0.16	3.37E-210	Plasma cel COMMD1
3977	RPL9.1	3.26E-214	-1.29948	0.986	0.984	6.13E-210	Plasma cel RPL9
3978	EPRS	5.81E-214	0.492788	0.851	0.198	1.09E-209	Plasma cel EPRS
3979	AC233755.1	4.81E-213	4.251532	0.135	0.008	9.03E-209	Plasma cel AC233755.1
3980	PABPC4	6.55E-213	0.269366	0.762	0.162	1.23E-208	Plasma cel PABPC4
3981	IFITM2.2	8.88E-213	-3.17035	0.316	0.832	1.67E-208	Plasma cel IFITM2
3982	IDH2	1.45E-212	0.8457	0.913	0.262	2.72E-208	Plasma cel IDH2
3983	CKS1B	2.34E-212	0.440695	0.495	0.086	4.40E-208	Plasma cel CKS1B
3984	NUDT5	1.17E-211	0.423317	0.801	0.18	2.20E-207	Plasma cel NUDT5
3985	RPS14.1	3.57E-211	-1.18791	0.991	0.991	6.71E-207	Plasma cel RPS14
3986	RPS15A.1	1.15E-210	-1.15635	0.995	0.997	2.16E-206	Plasma cel RPS15A
3987	MALAT1.2	1.78E-210	-1.85978	0.998	0.996	3.34E-206	Plasma cel MALAT1
3988	BTG1.2	3.20E-210	-2.47567	0.745	0.883	6.00E-206	Plasma cel BTG1
3989	CLINT1	6.57E-210	0.396308	0.814	0.184	1.23E-205	Plasma cel CLINT1
3990	RPL18.1	7.24E-210	-1.05604	0.991	0.991	1.36E-205	Plasma cel RPL18
3991	SELENOK	1.33E-207	0.958666	0.949	0.297	2.50E-203	Plasma cel SELENOK
3992	ISG20.2	1.65E-207	1.305322	0.986	0.557	3.10E-203	Plasma cel ISG20
3993	NCOA3.1	3.45E-206	0.250096	0.722	0.153	6.48E-202	Plasma cel NCOA3
3994	POP7	1.36E-205	0.273121	0.601	0.117	2.55E-201	Plasma cel POP7
3995	CSRP1	5.10E-205	0.291671	0.629	0.126	9.59E-201	Plasma cel CSRP1
3996	PDHA1	7.53E-205	0.278708	0.699	0.146	1.41E-200	Plasma cel PDHA1
3997	SNRNP25	1.19E-203	0.315551	0.626	0.126	2.24E-199	Plasma cel SNRNP25
3998	RPS28.2	2.75E-203	-1.17771	0.995	0.995	5.17E-199	Plasma cel RPS28
3999	RPL35A.2	9.89E-202	-1.23683	0.984	0.989	1.86E-197	Plasma cel RPL35A
4000	RPS7.2	1.10E-201	-0.91689	0.989	0.993	2.07E-197	Plasma cel RPS7
4001	AHCY.1	2.87E-201	0.489284	0.757	0.176	5.39E-197	Plasma cel AHCY

4002	DTYMK	9.34E-201	0.312156	0.52	0.095	1.76E-196	Plasma cel DTYMK
4003	TXN.2	1.63E-200	1.249082	0.94	0.353	3.06E-196	Plasma cel TXN
4004	RACK1.2	7.36E-200	-1.13223	0.986	0.986	1.38E-195	Plasma cel RACK1
4005	UFM1	1.48E-198	0.677352	0.895	0.237	2.78E-194	Plasma cel UFM1
4006	MRPS33	1.64E-198	0.286733	0.77	0.171	3.09E-194	Plasma cel MRPS33
4007	MRPS16	3.66E-198	0.381178	0.812	0.189	6.88E-194	Plasma cel MRPS16
4008	PIM2.1	7.09E-197	1.064615	0.924	0.299	1.33E-192	Plasma cel PIM2
4009	MTDH.1	2.10E-196	1.244188	0.957	0.43	3.95E-192	Plasma cel MTDH
4010	MRPL40	2.74E-196	0.449677	0.828	0.198	5.15E-192	Plasma cel MRPL40
4011	CD37.1	1.63E-195	-2.59403	0.872	0.892	3.06E-191	Plasma cel CD37
4012	SRP72	2.01E-195	0.546988	0.902	0.232	3.78E-191	Plasma cel SRP72
4013	MRPL55	1.79E-194	0.274492	0.784	0.178	3.36E-190	Plasma cel MRPL55
4014	TRAM1.1	1.90E-194	1.018756	0.963	0.39	3.56E-190	Plasma cel TRAM1
4015	GARS	2.74E-194	0.371931	0.732	0.165	5.15E-190	Plasma cel GARS
4016	MESD	3.55E-194	0.567932	0.895	0.232	6.67E-190	Plasma cel MESD
4017	MCTS1	3.73E-193	0.348262	0.817	0.191	7.01E-189	Plasma cel MCTS1
4018	ANXA2.1	1.72E-192	0.858889	0.945	0.296	3.23E-188	Plasma cel ANXA2
4019	ATP1B3.1	2.72E-192	0.346671	0.684	0.15	5.11E-188	Plasma cel ATP1B3
4020	RFC4	1.78E-191	0.283666	0.427	0.071	3.34E-187	Plasma cel RFC4
4021	ACO2	5.32E-191	0.373419	0.807	0.19	1.00E-186	Plasma cel ACO2
4022	MRPS24.1	1.62E-189	0.319923	0.826	0.195	3.04E-185	Plasma cel MRPS24
4023	KDEL1.1	5.37E-189	0.890802	0.936	0.316	1.01E-184	Plasma cel KDEL1
4024	TMED2	2.70E-186	0.909779	0.927	0.319	5.07E-182	Plasma cel TMED2
4025	HERPUD1.	2.70E-186	1.099623	0.956	0.347	5.08E-182	Plasma cel HERPUD1
4026	EMC7	1.00E-185	0.533786	0.894	0.233	1.88E-181	Plasma cel EMC7
4027	ANXA5.1	2.28E-185	0.657786	0.926	0.263	4.28E-181	Plasma cel ANXA5
4028	CYCS	2.59E-184	0.935358	0.913	0.31	4.86E-180	Plasma cel CYCS
4029	ATOX1.2	5.31E-184	0.506264	0.879	0.229	9.97E-180	Plasma cel ATOX1
4030	LAPTM5.1	6.90E-183	-1.92415	0.681	0.873	1.30E-178	Plasma cel LAPTM5
4031	UQCC2.1	2.59E-181	0.314335	0.768	0.181	4.87E-177	Plasma cel UQCC2
4032	GPAA1	4.97E-181	0.460079	0.865	0.222	9.34E-177	Plasma cel GPAA1
4033	ZBTB8OS	1.86E-179	0.308753	0.837	0.203	3.49E-175	Plasma cel ZBTB8OS
4034	PTPRC.1	6.97E-179	-1.91119	0.807	0.855	1.31E-174	Plasma cel PTPRC
4035	RPL5.2	2.33E-178	-1.10992	0.988	0.984	4.38E-174	Plasma cel RPL5
4036	RPS18.2	4.96E-178	-1.03616	0.998	0.991	9.31E-174	Plasma cel RPS18
4037	HPGD	1.74E-177	0.35399	0.376	0.062	3.27E-173	Plasma cel HPGD
4038	MRPL27	2.20E-177	0.267668	0.722	0.167	4.14E-173	Plasma cel MRPL27
4039	MCM5	6.97E-177	0.454906	0.612	0.138	1.31E-172	Plasma cel MCM5
4040	FDPS	1.50E-176	0.41606	0.855	0.217	2.82E-172	Plasma cel FDPS
4041	ITGB7.2	2.02E-175	0.538186	0.885	0.242	3.80E-171	Plasma cel ITGB7
4042	PABPC1.1	5.08E-175	-1.40847	0.952	0.942	9.54E-171	Plasma cel PABPC1
4043	PCNA	2.09E-174	0.554801	0.479	0.097	3.92E-170	Plasma cel PCNA
4044	IFI35.1	2.48E-174	0.296185	0.821	0.202	4.65E-170	Plasma cel IFI35
4045	DAD1	4.37E-174	0.97064	0.982	0.579	8.22E-170	Plasma cel DAD1
4046	ITM2B.2	2.68E-173	-1.63707	0.881	0.885	5.04E-169	Plasma cel ITM2B
4047	RPL3.2	1.13E-172	-1.02412	0.988	0.986	2.13E-168	Plasma cel RPL3
4048	SDF4	1.73E-172	0.576771	0.904	0.256	3.25E-168	Plasma cel SDF4

4049	TIMM8B.2	1.65E-171	0.59027	0.897	0.255	3.10E-167	Plasma cel TIMM8B
4050	SRPRA	1.70E-170	0.605782	0.888	0.252	3.20E-166	Plasma cel SRPRA
4051	YWHAE.2	2.49E-170	0.594136	0.89	0.255	4.68E-166	Plasma cel YWHAE
4052	PSMA3	2.80E-170	0.716843	0.902	0.279	5.26E-166	Plasma cel PSMA3
4053	RPL22.1	4.29E-170	-1.11716	0.982	0.977	8.06E-166	Plasma cel RPL22
4054	IGLV6-57	1.68E-169	4.720909	0.168	0.015	3.15E-165	Plasma cel IGLV6-57
4055	IGKV1-17	2.64E-169	4.895101	0.122	0.008	4.95E-165	Plasma cel IGKV1-17
4056	RPL24.2	5.57E-168	-0.93737	0.988	0.985	1.05E-163	Plasma cel RPL24
4057	MRPL37	1.30E-167	0.354717	0.732	0.179	2.44E-163	Plasma cel MRPL37
4058	RPS4X.2	7.50E-167	-1.00463	0.995	0.99	1.41E-162	Plasma cel RPS4X
4059	IFI27L2.1	3.07E-166	0.262692	0.837	0.211	5.76E-162	Plasma cel IFI27L2
4060	HSD17B10	5.02E-166	0.322282	0.805	0.202	9.43E-162	Plasma cel HSD17B10
4061	EIF5B	8.03E-166	0.262595	0.778	0.192	1.51E-161	Plasma cel EIF5B
4062	LIMD2.2	1.91E-165	-1.39032	0.931	0.928	3.58E-161	Plasma cel LIMD2
4063	TPT1.1	2.36E-163	-1.09062	0.991	0.994	4.44E-159	Plasma cel TPT1
4064	BUD23.1	2.94E-163	0.444424	0.869	0.233	5.52E-159	Plasma cel BUD23
4065	GORASP2.1	1.13E-162	0.382768	0.842	0.22	2.12E-158	Plasma cel GORASP2
4066	COPE.1	5.61E-162	0.954999	0.965	0.479	1.05E-157	Plasma cel COPE
4067	TM9SF2.1	8.74E-162	0.456728	0.858	0.234	1.64E-157	Plasma cel TM9SF2
4068	AKR1A1.2	8.66E-159	0.597652	0.934	0.284	1.63E-154	Plasma cel AKR1A1
4069	RPL8.1	2.74E-158	-0.82224	0.998	0.992	5.16E-154	Plasma cel RPL8
4070	MRPL36	2.86E-158	0.4165	0.849	0.231	5.37E-154	Plasma cel MRPL36
4071	UQCRCQ.1	3.46E-158	0.984827	0.963	0.474	6.50E-154	Plasma cel UQCRCQ
4072	PPP1R14A	4.99E-158	0.355875	0.445	0.088	9.37E-154	Plasma cel PPP1R14A
4073	TUBA1C.1	1.48E-157	0.32923	0.473	0.098	2.78E-153	Plasma cel TUBA1C
4074	ARHGDIB.1	1.65E-157	-1.08623	0.966	0.961	3.10E-153	Plasma cel ARHGDIB
4075	RPS5.2	4.69E-157	-1.03772	0.991	0.984	8.81E-153	Plasma cel RPS5
4076	RPL36.2	1.18E-156	-1.02855	0.993	0.989	2.22E-152	Plasma cel RPL36
4077	IGKV1-5	5.67E-156	5.331522	0.206	0.024	1.06E-151	Plasma cel IGKV1-5
4078	SRSF9	9.23E-156	0.547086	0.906	0.268	1.73E-151	Plasma cel SRSF9
4079	CFLAR.1	2.33E-154	0.437199	0.901	0.257	4.38E-150	Plasma cel CFLAR
4080	TMBIM6.1	2.96E-154	0.893626	0.995	0.691	5.56E-150	Plasma cel TMBIM6
4081	EVL.2	1.03E-153	-2.31058	0.376	0.744	1.93E-149	Plasma cel EVL
4082	ERP44	1.09E-152	0.438739	0.86	0.24	2.04E-148	Plasma cel ERP44
4083	RPS21.2	2.83E-152	-1.22424	0.996	0.987	5.31E-148	Plasma cel RPS21
4084	PSMB2.1	4.72E-152	0.746521	0.926	0.324	8.87E-148	Plasma cel PSMB2
4085	TPM4.2	5.74E-152	0.355944	0.846	0.237	1.08E-147	Plasma cel TPM4
4086	CAPN2.1	7.65E-152	0.284489	0.75	0.194	1.44E-147	Plasma cel CAPN2
4087	TXNDC17.1	1.33E-151	0.461694	0.814	0.227	2.49E-147	Plasma cel TXNDC17
4088	ACTB.2	1.33E-151	-1.29351	0.986	0.999	2.49E-147	Plasma cel ACTB
4089	LMNB1.1	2.18E-151	0.302612	0.468	0.098	4.09E-147	Plasma cel LMNB1
4090	STOML2.1	5.47E-151	0.542332	0.846	0.249	1.03E-146	Plasma cel STOML2
4091	SRP19	8.80E-151	0.352177	0.844	0.23	1.65E-146	Plasma cel SRP19
4092	EIF2S1	4.59E-150	0.283934	0.718	0.182	8.62E-146	Plasma cel EIF2S1
4093	PHPT1.2	1.73E-149	0.447596	0.887	0.257	3.25E-145	Plasma cel PHPT1
4094	SARAF.2	6.36E-149	-1.61572	0.931	0.886	1.19E-144	Plasma cel SARAF
4095	RABAC1.1	1.02E-148	0.903876	0.979	0.463	1.92E-144	Plasma cel RABAC1

4096	IGHG3	9.49E-148	1.74281	0.271	0.042	1.78E-143	Plasma cel	IGHG3
4097	PRDX1.2	1.65E-147	1.172623	0.959	0.532	3.10E-143	Plasma cel	PRDX1
4098	IFITM1.2	3.49E-147	-2.91891	0.647	0.805	6.56E-143	Plasma cel	IFITM1
4099	CDK2AP2	6.65E-147	0.656385	0.931	0.314	1.25E-142	Plasma cel	CDK2AP2
4100	NUDT21	1.07E-145	0.297653	0.793	0.212	2.01E-141	Plasma cel	NUDT21
4101	GPSM3.1	1.44E-145	-1.68924	0.789	0.803	2.71E-141	Plasma cel	GPSM3
4102	ADI1	3.73E-143	0.276878	0.777	0.207	7.00E-139	Plasma cel	ADI1
4103	REEP5.2	3.08E-142	0.619725	0.956	0.319	5.78E-138	Plasma cel	REEP5
4104	GIMAP7.2	1.92E-141	-2.5332	0.076	0.633	3.61E-137	Plasma cel	GIMAP7
4105	COX7A2	4.20E-141	0.84855	0.982	0.693	7.89E-137	Plasma cel	COX7A2
4106	IGKV1-16	8.18E-141	4.83158	0.11	0.008	1.54E-136	Plasma cel	IGKV1-16
4107	ANP32E	2.79E-138	0.383962	0.677	0.182	5.24E-134	Plasma cel	ANP32E
4108	PCBP2.2	5.35E-138	-1.01502	0.97	0.935	1.01E-133	Plasma cel	PCBP2
4109	SLIRP.2	8.60E-138	0.386688	0.791	0.226	1.62E-133	Plasma cel	SLIRP
4110	MIF.2	2.09E-137	1.003635	0.986	0.832	3.93E-133	Plasma cel	MIF
4111	HNRNPD	1.23E-136	0.276851	0.718	0.193	2.31E-132	Plasma cel	HNRNPD
4112	RPA3	4.86E-135	0.490493	0.757	0.226	9.13E-131	Plasma cel	RPA3
4113	RPS6.2	5.15E-135	-0.88093	0.986	0.989	9.68E-131	Plasma cel	RPS6
4114	TMCO1	9.08E-135	0.359438	0.865	0.252	1.71E-130	Plasma cel	TMCO1
4115	TXNIP.2	1.94E-134	-1.90737	0.629	0.772	3.64E-130	Plasma cel	TXNIP
4116	COPZ1	4.95E-134	0.577643	0.929	0.31	9.30E-130	Plasma cel	COPZ1
4117	FAM30A.2	7.16E-134	0.450551	0.418	0.09	1.35E-129	Plasma cel	FAM30A
4118	PSME2.1	7.78E-134	1.058804	0.965	0.646	1.46E-129	Plasma cel	PSME2
4119	COX4I1	3.07E-133	-0.85244	0.991	0.959	5.77E-129	Plasma cel	COX4I1
4120	OS9.1	4.52E-133	0.331267	0.833	0.239	8.49E-129	Plasma cel	OS9
4121	IGLC3.1	1.66E-132	2.046327	0.404	0.093	3.12E-128	Plasma cel	IGLC3
4122	LIME1.2	3.91E-132	0.492356	0.941	0.303	7.35E-128	Plasma cel	LIME1
4123	ATP5MC1	1.97E-131	0.90446	0.911	0.413	3.71E-127	Plasma cel	ATP5MC1
4124	COPS3	4.24E-131	0.301876	0.771	0.216	7.96E-127	Plasma cel	COPS3
4125	TMEM147	1.07E-130	0.352111	0.855	0.25	2.01E-126	Plasma cel	TMEM147
4126	EIF4A1.2	9.68E-129	0.252534	0.739	0.205	1.82E-124	Plasma cel	EIF4A1
4127	NDUFB6.1	1.52E-128	0.638694	0.924	0.338	2.85E-124	Plasma cel	NDUFB6
4128	CD3E.2	5.29E-126	-3.03678	0.099	0.605	9.93E-122	Plasma cel	CD3E
4129	EEF1B2.2	1.15E-125	-1.00666	0.982	0.968	2.16E-121	Plasma cel	EEF1B2
4130	MCM7.1	2.94E-125	0.655672	0.473	0.123	5.51E-121	Plasma cel	MCM7
4131	SRGN.1	3.58E-125	0.447002	0.97	0.398	6.72E-121	Plasma cel	SRGN
4132	RPL7A.2	1.00E-124	-0.63124	0.995	0.992	1.88E-120	Plasma cel	RPL7A
4133	SELL.2	1.61E-124	-2.07562	0.61	0.76	3.02E-120	Plasma cel	SELL
4134	RPL22L1.2	1.81E-124	0.893042	0.961	0.457	3.40E-120	Plasma cel	RPL22L1
4135	PEBP1.2	2.41E-124	1.000837	0.956	0.517	4.52E-120	Plasma cel	PEBP1
4136	COX5A.2	2.51E-124	0.800741	0.97	0.556	4.72E-120	Plasma cel	COX5A
4137	CD19.2	5.62E-123	-0.336	0.72	0.189	1.05E-118	Plasma cel	CD19
4138	RPL21.1	1.31E-122	-1.01538	0.984	0.969	2.46E-118	Plasma cel	RPL21
4139	MYL12B	1.86E-122	-1.37579	0.863	0.795	3.49E-118	Plasma cel	MYL12B
4140	IGKV1D-39	2.19E-122	3.922707	0.119	0.011	4.11E-118	Plasma cel	IGKV1D-39
4141	LRPAP1.1	3.26E-122	0.394	0.876	0.271	6.13E-118	Plasma cel	LRPAP1
4142	RPS8.2	3.39E-122	-0.86055	0.995	0.992	6.37E-118	Plasma cel	RPS8

4143	ERGIC3.1	5.58E-122	0.612089	0.952	0.353	1.05E-117	Plasma cel	ERGIC3
4144	PPA1.1	1.49E-121	0.745594	0.922	0.37	2.81E-117	Plasma cel	PPA1
4145	RPL10A.2	4.56E-121	-0.96962	0.979	0.954	8.57E-117	Plasma cel	RPL10A
4146	VCP	1.45E-120	0.714603	0.947	0.398	2.72E-116	Plasma cel	VCP
4147	CD7.2	3.61E-120	-2.7664	0.076	0.582	6.78E-116	Plasma cel	CD7
4148	GIMAP4.2	4.29E-120	-2.13693	0.064	0.575	8.05E-116	Plasma cel	GIMAP4
4149	UFD1	2.21E-119	0.36749	0.846	0.26	4.15E-115	Plasma cel	UFD1
4150	HMGA1.2	7.58E-118	0.777385	0.72	0.238	1.42E-113	Plasma cel	HMGA1
4151	FYB1.2	1.00E-117	-2.12741	0.08	0.577	1.88E-113	Plasma cel	FYB1
4152	SH3BGRL3	1.41E-117	-1.45575	0.979	0.94	2.66E-113	Plasma cel	SH3BGRL3
4153	PSMD11	1.50E-117	0.28399	0.793	0.234	2.82E-113	Plasma cel	PSMD11
4154	MRPS15	1.15E-116	0.32989	0.839	0.255	2.16E-112	Plasma cel	MRPS15
4155	TUBB4B.1	8.85E-116	0.74994	0.629	0.197	1.66E-111	Plasma cel	TUBB4B
4156	MRPL52.1	2.25E-115	0.677623	0.959	0.403	4.23E-111	Plasma cel	MRPL52
4157	FXYD5	9.70E-115	-1.12178	0.956	0.874	1.82E-110	Plasma cel	FXYD5
4158	LCK.2	1.64E-113	-2.12536	0.078	0.564	3.09E-109	Plasma cel	LCK
4159	COX17.1	2.58E-113	0.421462	0.881	0.292	4.85E-109	Plasma cel	COX17
4160	IGKV1-8	1.07E-112	3.420309	0.101	0.008	2.01E-108	Plasma cel	IGKV1-8
4161	H2AFV.1	1.28E-112	0.685527	0.883	0.354	2.40E-108	Plasma cel	H2AFV
4162	NDUFV2	1.51E-111	0.710768	0.959	0.469	2.83E-107	Plasma cel	NDUFV2
4163	IGHV3-33	1.82E-111	3.519601	0.103	0.009	3.42E-107	Plasma cel	IGHV3-33
4164	IGHV3-7	4.02E-111	4.65535	0.142	0.016	7.56E-107	Plasma cel	IGHV3-7
4165	IL32.2	4.04E-111	-3.12183	0.108	0.574	7.60E-107	Plasma cel	IL32
4166	CD52.2	5.87E-111	-1.56467	0.83	0.826	1.10E-106	Plasma cel	CD52
4167	PSMB6.1	4.20E-109	0.726854	0.95	0.46	7.89E-105	Plasma cel	PSMB6
4168	CD3D.2	6.05E-109	-2.3993	0.059	0.542	1.14E-104	Plasma cel	CD3D
4169	RPLP1.2	7.59E-108	-0.5671	0.995	0.997	1.43E-103	Plasma cel	RPLP1
4170	ATP5MC3	8.15E-108	0.902984	0.975	0.675	1.53E-103	Plasma cel	ATP5MC3
4171	ROMO1.2	1.21E-107	0.644624	0.973	0.428	2.26E-103	Plasma cel	ROMO1
4172	EIF3A.1	5.80E-107	0.279731	0.828	0.258	1.09E-102	Plasma cel	EIF3A
4173	PRDX3.2	8.01E-107	0.557861	0.858	0.313	1.50E-102	Plasma cel	PRDX3
4174	ATP5PF.1	9.55E-107	0.731741	0.973	0.557	1.79E-102	Plasma cel	ATP5PF
4175	ACADVL.1	1.07E-106	0.466839	0.902	0.313	2.01E-102	Plasma cel	ACADVL
4176	MRPL51	1.18E-106	0.601554	0.915	0.362	2.21E-102	Plasma cel	MRPL51
4177	TIMM17B	1.56E-106	0.284703	0.878	0.275	2.92E-102	Plasma cel	TIMM17B
4178	ZNF706	5.45E-106	0.729321	0.966	0.504	1.02E-101	Plasma cel	ZNF706
4179	GAPDH.2	1.10E-105	1.315604	0.984	0.901	2.07E-101	Plasma cel	GAPDH
4180	VDAC1	1.12E-105	0.534014	0.885	0.327	2.10E-101	Plasma cel	VDAC1
4181	TYMP.1	1.60E-105	-0.52453	0.718	0.205	3.00E-101	Plasma cel	TYMP
4182	MT-ND4.2	3.36E-105	-0.92994	0.996	0.956	6.31E-101	Plasma cel	MT-ND4
4183	CCR7.2	2.02E-104	-2.29838	0.085	0.545	3.79E-100	Plasma cel	CCR7
4184	SHMT2.1	1.38E-103	0.385375	0.851	0.289	2.60E-99	Plasma cel	SHMT2
4185	CYC1	1.43E-103	0.507512	0.888	0.324	2.70E-99	Plasma cel	CYC1
4186	PDCD5.1	9.75E-103	0.546105	0.894	0.34	1.83E-98	Plasma cel	PDCD5
4187	ATP5F1A.1	3.74E-102	0.709199	0.957	0.529	7.02E-98	Plasma cel	ATP5F1A
4188	IGHV3-23	1.66E-101	5.367506	0.216	0.039	3.12E-97	Plasma cel	IGHV3-23
4189	PSMD8	3.74E-101	0.65619	0.94	0.424	7.03E-97	Plasma cel	PSMD8

4190	PPDPF	1.32E-100	-1.22167	0.876	0.804	2.47E-96	Plasma cel PPDPF
4191	RPL37.2	5.26E-100	-0.89623	0.996	0.979	9.88E-96	Plasma cel RPL37
4192	CYBA.2	1.06E-99	0.686577	0.996	0.728	1.98E-95	Plasma cel CYBA
4193	BTF3.2	9.71E-99	-0.74697	0.977	0.955	1.82E-94	Plasma cel BTF3
4194	DDX5.2	9.74E-98	-1.11462	0.956	0.846	1.83E-93	Plasma cel DDX5
4195	NDUFS6.1	1.38E-97	0.50813	0.92	0.356	2.60E-93	Plasma cel NDUFS6
4196	JPT1.1	1.73E-95	0.508718	0.812	0.302	3.25E-91	Plasma cel JPT1
4197	CCNI.1	4.52E-95	-0.91677	0.95	0.87	8.50E-91	Plasma cel CCNI
4198	IGKV3-11	1.05E-94	4.967994	0.163	0.024	1.97E-90	Plasma cel IGKV3-11
4199	RER1	2.01E-94	0.361631	0.906	0.314	3.77E-90	Plasma cel RER1
4200	CHCHD2	4.32E-94	0.898124	0.979	0.804	8.11E-90	Plasma cel CHCHD2
4201	TOMM7.2	9.57E-93	-1.07122	0.931	0.819	1.80E-88	Plasma cel TOMM7
4202	COX7B.1	1.07E-92	0.668344	0.965	0.485	2.00E-88	Plasma cel COX7B
4203	PFN1.2	3.01E-92	-0.88239	0.973	0.984	5.65E-88	Plasma cel PFN1
4204	RPS27L.1	5.12E-92	0.597803	0.94	0.409	9.62E-88	Plasma cel RPS27L
4205	MRPS7	7.60E-92	0.285238	0.83	0.278	1.43E-87	Plasma cel MRPS7
4206	SRSF2	1.04E-90	0.658804	0.911	0.404	1.94E-86	Plasma cel SRSF2
4207	DNAJC15.1	8.00E-90	0.344268	0.924	0.329	1.50E-85	Plasma cel DNAJC15
4208	EMC4	1.07E-89	0.308882	0.871	0.299	2.01E-85	Plasma cel EMC4
4209	LSM3	2.53E-89	0.422117	0.848	0.318	4.76E-85	Plasma cel LSM3
4210	HIST1H1E	8.04E-89	0.411655	0.624	0.203	1.51E-84	Plasma cel HIST1H1E
4211	PARP1.1	1.13E-88	0.400029	0.906	0.339	2.13E-84	Plasma cel PARP1
4212	IGKV3-15	1.66E-88	4.942541	0.158	0.024	3.11E-84	Plasma cel IGKV3-15
4213	IGHV4-39	4.49E-88	5.481076	0.168	0.027	8.43E-84	Plasma cel IGHV4-39
4214	FTH1.1	5.92E-88	-1.33341	0.98	0.982	1.11E-83	Plasma cel FTH1
4215	SERP1.1	6.12E-88	0.653968	0.982	0.773	1.15E-83	Plasma cel SERP1
4216	SSR2.1	9.82E-88	0.627818	0.993	0.738	1.85E-83	Plasma cel SSR2
4217	SRSF5.1	5.24E-87	-1.26158	0.867	0.754	9.85E-83	Plasma cel SRSF5
4218	SMARCB1.	1.01E-86	0.289115	0.888	0.311	1.89E-82	Plasma cel SMARCB1
4219	POMP.1	1.06E-86	0.599391	0.956	0.457	1.99E-82	Plasma cel POMP
4220	CCR9	1.10E-86	0.280704	0.105	0.011	2.06E-82	Plasma cel CCR9
4221	ITGB1	2.28E-85	0.486525	0.58	0.197	4.28E-81	Plasma cel ITGB1
4222	PDIA3.1	3.16E-85	0.624555	0.961	0.503	5.94E-81	Plasma cel PDIA3
4223	ATP6V0B.1	7.12E-85	0.519584	0.954	0.443	1.34E-80	Plasma cel ATP6V0B
4224	KRTCAP2	6.55E-84	0.616868	0.988	0.596	1.23E-79	Plasma cel KRTCAP2
4225	CORO1A.1	9.85E-84	-0.84306	0.94	0.922	1.85E-79	Plasma cel CORO1A
4226	IL7R.2	2.30E-83	-2.51517	0.064	0.473	4.31E-79	Plasma cel IL7R
4227	IFITM3.2	4.91E-83	-2.48505	0.207	0.554	9.23E-79	Plasma cel IFITM3
4228	DAZAP2.1	9.34E-83	-1.12899	0.867	0.745	1.75E-78	Plasma cel DAZAP2
4229	NDUFA6.1	1.16E-82	0.497053	0.924	0.389	2.17E-78	Plasma cel NDUFA6
4230	HSPD1.2	9.89E-82	0.960135	0.887	0.447	1.86E-77	Plasma cel HSPD1
4231	RPL23A.1	2.04E-81	-0.68894	0.98	0.963	3.84E-77	Plasma cel RPL23A
4232	EIF1.2	4.55E-81	-0.64587	0.989	0.977	8.54E-77	Plasma cel EIF1
4233	IGKV1-39	6.58E-81	3.890616	0.105	0.012	1.24E-76	Plasma cel IGKV1-39
4234	LINC00861	1.42E-80	-1.82062	0.053	0.454	2.66E-76	Plasma cel LINC00861
4235	COX6A1.1	4.12E-80	0.63366	0.986	0.767	7.74E-76	Plasma cel COX6A1
4236	ELOC	5.93E-79	0.359462	0.879	0.334	1.11E-74	Plasma cel ELOC

4237	ITGB2.2	8.41E-79	-1.94425	0.537	0.648	1.58E-74	Plasma cel ITGB2
4238	CNBP.1	1.31E-78	-0.91444	0.908	0.806	2.46E-74	Plasma cel CNBP
4239	OST4	1.84E-78	0.509924	0.982	0.836	3.46E-74	Plasma cel OST4
4240	HLA-C.1	1.79E-77	-0.84701	0.995	0.983	3.37E-73	Plasma cel HLA-C
4241	RPSA.1	2.35E-77	-0.81746	0.973	0.939	4.42E-73	Plasma cel RPSA
4242	EIF2S2	9.16E-77	0.312727	0.883	0.331	1.72E-72	Plasma cel EIF2S2
4243	ZFP36L1.1	1.79E-76	-1.73548	0.239	0.543	3.35E-72	Plasma cel ZFP36L1
4244	NUCB2.2	4.96E-76	0.386505	0.879	0.355	9.32E-72	Plasma cel NUCB2
4245	NDUFAB1	5.55E-76	0.543013	0.929	0.44	1.04E-71	Plasma cel NDUFAB1
4246	UBE2L3	2.29E-75	0.286976	0.867	0.318	4.30E-71	Plasma cel UBE2L3
4247	PSMA5	2.62E-75	0.489949	0.901	0.403	4.92E-71	Plasma cel PSMA5
4248	PSMA4.1	4.16E-75	0.293686	0.869	0.324	7.82E-71	Plasma cel PSMA4
4249	MT-ND2.2	1.31E-74	-0.98422	0.975	0.848	2.45E-70	Plasma cel MT-ND2
4250	NDUFB3.1	1.43E-74	0.458369	0.91	0.394	2.68E-70	Plasma cel NDUFB3
4251	UBXN1	4.89E-74	-1.17306	0.807	0.717	9.18E-70	Plasma cel UBXN1
4252	RANBP1.1	1.18E-73	0.455931	0.761	0.308	2.21E-69	Plasma cel RANBP1
4253	HAX1.1	1.72E-73	0.359821	0.902	0.358	3.23E-69	Plasma cel HAX1
4254	LDHA.1	2.65E-73	0.997213	0.943	0.588	4.98E-69	Plasma cel LDHA
4255	AES.2	4.42E-73	-1.37715	0.748	0.731	8.30E-69	Plasma cel AES
4256	SNRPC	4.98E-73	0.304986	0.862	0.328	9.35E-69	Plasma cel SNRPC
4257	AURKAIP1.	6.91E-73	0.458962	0.936	0.417	1.30E-68	Plasma cel AURKAIP1
4258	ATP6V1G1	1.24E-72	-0.83894	0.94	0.788	2.33E-68	Plasma cel ATP6V1G1
4259	H2AFZ.1	4.64E-71	1.277223	0.908	0.519	8.72E-67	Plasma cel H2AFZ
4260	TCF7.2	5.22E-71	-1.87937	0.05	0.419	9.80E-67	Plasma cel TCF7
4261	CD3G.2	5.38E-71	-1.57306	0.044	0.415	1.01E-66	Plasma cel CD3G
4262	MT-ND3.1	5.66E-71	-0.7742	0.995	0.971	1.06E-66	Plasma cel MT-ND3
4263	IGKV3-20	7.85E-71	5.389397	0.202	0.044	1.48E-66	Plasma cel IGKV3-20
4264	GZMM.2	2.23E-70	-1.64206	0.044	0.413	4.18E-66	Plasma cel GZMM
4265	NAMPT.1	2.52E-70	-0.40349	0.445	0.131	4.73E-66	Plasma cel NAMPT
4266	UQCRC1.1	2.58E-70	0.259176	0.858	0.32	4.84E-66	Plasma cel UQCRC1
4267	STMN1.2	2.75E-70	0.870888	0.592	0.276	5.17E-66	Plasma cel STMN1
4268	MMADHC.	6.36E-69	0.270258	0.862	0.327	1.20E-64	Plasma cel MMADHC
4269	HMGB2.2	5.28E-68	0.929651	0.59	0.266	9.92E-64	Plasma cel HMGB2
4270	CAPZB.1	3.49E-67	-1.01409	0.872	0.735	6.55E-63	Plasma cel CAPZB
4271	LBH.2	5.59E-67	-1.52774	0.19	0.492	1.05E-62	Plasma cel LBH
4272	TBC1D10C.	8.53E-67	-1.4695	0.69	0.662	1.60E-62	Plasma cel TBC1D10C
4273	IGHV3-48	1.04E-66	4.323971	0.112	0.016	1.95E-62	Plasma cel IGHV3-48
4274	C12orf57.1	1.15E-66	-1.24521	0.901	0.755	2.15E-62	Plasma cel C12orf57
4275	RAC2.2	1.66E-66	-0.75816	0.968	0.906	3.11E-62	Plasma cel RAC2
4276	PRDX5.1	2.05E-66	0.48996	0.966	0.533	3.85E-62	Plasma cel PRDX5
4277	EEF2.2	3.32E-66	-0.67306	0.977	0.935	6.23E-62	Plasma cel EEF2
4278	SNRPG	5.69E-66	0.617138	0.938	0.515	1.07E-61	Plasma cel SNRPG
4279	PGD.2	6.34E-66	-0.27487	0.645	0.214	1.19E-61	Plasma cel PGD
4280	PSMB3.1	1.28E-65	0.527486	0.941	0.503	2.41E-61	Plasma cel PSMB3
4281	IGHV4-59	1.37E-65	3.820201	0.133	0.023	2.57E-61	Plasma cel IGHV4-59
4282	ADRM1	4.17E-65	0.302904	0.879	0.352	7.83E-61	Plasma cel ADRM1
4283	CFL1.2	6.53E-65	-0.7329	0.968	0.953	1.23E-60	Plasma cel CFL1

4284	PRDX2.2	7.05E-65	0.472979	0.906	0.427	1.33E-60	Plasma cel PRDX2
4285	TRABD	1.49E-64	0.290847	0.901	0.361	2.79E-60	Plasma cel TRABD
4286	SNRPD1.1	2.63E-64	0.359005	0.823	0.342	4.95E-60	Plasma cel SNRPD1
4287	SET.1	2.85E-64	0.365579	0.89	0.382	5.36E-60	Plasma cel SET
4288	CD247.2	6.54E-64	-1.56539	0.043	0.388	1.23E-59	Plasma cel CD247
4289	IGLV2-11	1.31E-63	4.471366	0.108	0.016	2.47E-59	Plasma cel IGLV2-11
4290	ITGA4	4.11E-63	0.255189	0.867	0.348	7.72E-59	Plasma cel ITGA4
4291	C1orf162.2	9.40E-63	-1.33604	0.028	0.371	1.77E-58	Plasma cel C1orf162
4292	GADD45GIP1	6.55E-62	0.253546	0.899	0.36	1.23E-57	Plasma cel GADD45GIP1
4293	CLIC1.2	1.02E-61	0.518005	0.988	0.694	1.91E-57	Plasma cel CLIC1
4294	CCND3.1	1.35E-61	-1.45999	0.454	0.589	2.54E-57	Plasma cel CCND3
4295	BIN1.2	1.39E-61	-1.35785	0.188	0.475	2.60E-57	Plasma cel BIN1
4296	IGLV1-44	1.77E-61	5.682856	0.145	0.028	3.32E-57	Plasma cel IGLV1-44
4297	NDUFB7.1	2.42E-61	0.394586	0.949	0.451	4.54E-57	Plasma cel NDUFB7
4298	ZFP36L2.2	5.18E-61	-1.61474	0.557	0.63	9.73E-57	Plasma cel ZFP36L2
4299	IGHV3-30	1.62E-60	4.730743	0.152	0.03	3.04E-56	Plasma cel IGHV3-30
4300	DYNLL1.2	2.12E-60	0.352751	0.918	0.411	3.99E-56	Plasma cel DYNLL1
4301	HNRNPA1.	8.48E-60	-0.66267	0.965	0.925	1.59E-55	Plasma cel HNRNPA1
4302	GRN.1	1.26E-59	-0.58421	0.668	0.228	2.36E-55	Plasma cel GRN
4303	IGHV4-34	2.44E-59	3.773185	0.158	0.032	4.59E-55	Plasma cel IGHV4-34
4304	PSMA6.1	3.51E-58	0.355351	0.902	0.394	6.59E-54	Plasma cel PSMA6
4305	TRIM22	7.75E-58	-1.23474	0.083	0.397	1.45E-53	Plasma cel TRIM22
4306	RPL31.2	1.61E-57	-0.68797	0.966	0.876	3.03E-53	Plasma cel RPL31
4307	DENND2D.	1.57E-55	-1.3905	0.119	0.413	2.95E-51	Plasma cel DENND2D
4308	B2M.2	1.62E-55	-0.45805	0.998	0.999	3.05E-51	Plasma cel B2M
4309	RPL15.2	5.42E-55	-0.46491	0.989	0.981	1.02E-50	Plasma cel RPL15
4310	SNRPE.1	5.64E-55	0.251836	0.794	0.334	1.06E-50	Plasma cel SNRPE
4311	TSC22D3	9.78E-55	-1.54055	0.525	0.618	1.84E-50	Plasma cel TSC22D3
4312	LEF1.2	2.28E-54	-1.77763	0.16	0.434	4.28E-50	Plasma cel LEF1
4313	ANXA1.2	3.25E-54	-1.82931	0.046	0.354	6.11E-50	Plasma cel ANXA1
4314	RPLP2.2	4.34E-54	-0.55632	0.988	0.969	8.15E-50	Plasma cel RPLP2
4315	H3F3B.1	8.02E-54	-0.68612	0.991	0.95	1.51E-49	Plasma cel H3F3B
4316	ARPC3.1	1.03E-53	-0.69726	0.972	0.906	1.94E-49	Plasma cel ARPC3
4317	TOMM5.1	1.25E-53	0.268381	0.858	0.367	2.34E-49	Plasma cel TOMM5
4318	UQCRH.1	1.36E-53	0.508072	0.973	0.77	2.56E-49	Plasma cel UQCRH
4319	CCT8.2	1.58E-53	0.444363	0.915	0.467	2.97E-49	Plasma cel CCT8
4320	RHOA.1	1.71E-53	-0.70734	0.95	0.873	3.20E-49	Plasma cel RHOA
4321	IGHV3-21	1.93E-53	4.887786	0.129	0.025	3.63E-49	Plasma cel IGHV3-21
4322	IGLV1-51	3.63E-53	5.560685	0.112	0.02	6.81E-49	Plasma cel IGLV1-51
4323	UCP2.2	4.87E-53	-0.99022	0.901	0.778	9.15E-49	Plasma cel UCP2
4324	MRPS34	4.96E-53	0.333734	0.915	0.413	9.32E-49	Plasma cel MRPS34
4325	FTL.1	8.42E-53	-1.23014	0.991	0.993	1.58E-48	Plasma cel FTL
4326	SF3B5.1	9.70E-53	0.387659	0.934	0.454	1.82E-48	Plasma cel SF3B5
4327	NME2.1	1.50E-52	0.486187	0.975	0.607	2.82E-48	Plasma cel NME2
4328	EIF5	1.95E-52	0.333072	0.888	0.404	3.66E-48	Plasma cel EIF5
4329	RALGPS2.1	2.66E-52	-0.50387	0.587	0.207	5.00E-48	Plasma cel RALGPS2
4330	UBXN4	4.85E-52	0.299838	0.933	0.413	9.11E-48	Plasma cel UBXN4

4331	EIF5A.1	6.83E-52	0.519481	0.927	0.525	1.28E-47	Plasma cel EIF5A
4332	POLR2L.1	8.23E-52	0.420054	0.972	0.532	1.55E-47	Plasma cel POLR2L
4333	UBA52	1.02E-51	-0.51331	0.988	0.954	1.92E-47	Plasma cel UBA52
4334	NDUFAF3	1.64E-51	0.263278	0.92	0.401	3.07E-47	Plasma cel NDUFAF3
4335	TUFM.1	2.95E-51	0.406325	0.927	0.483	5.54E-47	Plasma cel TUFM
4336	FCMR.2	4.22E-51	-1.59574	0.496	0.578	7.93E-47	Plasma cel FCMR
4337	IGLV1-47	5.47E-51	4.808214	0.129	0.026	1.03E-46	Plasma cel IGLV1-47
4338	PCBP1.2	5.88E-51	-0.647	0.956	0.873	1.10E-46	Plasma cel PCBP1
4339	CIRBP.1	5.98E-51	-0.89793	0.913	0.764	1.12E-46	Plasma cel CIRBP
4340	TRBC2.1	8.92E-51	-1.31277	0.667	0.677	1.68E-46	Plasma cel TRBC2
4341	SEC11A.1	3.09E-50	0.311535	0.926	0.425	5.81E-46	Plasma cel SEC11A
4342	CD2.2	3.18E-50	-1.19475	0.032	0.324	5.97E-46	Plasma cel CD2
4343	GSTP1.2	4.60E-50	0.401963	0.933	0.525	8.65E-46	Plasma cel GSTP1
4344	SOD2.1	5.47E-50	-0.36909	0.535	0.188	1.03E-45	Plasma cel SOD2
4345	EIF3H.1	6.79E-50	-0.79197	0.922	0.751	1.28E-45	Plasma cel EIF3H
4346	ATP5MC2.	6.82E-50	-0.50548	0.98	0.944	1.28E-45	Plasma cel ATP5MC2
4347	PSMB1	8.28E-50	0.440678	0.95	0.553	1.56E-45	Plasma cel PSMB1
4348	NDUFA1.1	1.39E-49	0.423827	0.982	0.617	2.61E-45	Plasma cel NDUFA1
4349	APMAP	2.94E-49	-0.4298	0.598	0.214	5.51E-45	Plasma cel APMAP
4350	ANAPC11.	3.22E-49	0.33811	0.883	0.424	6.05E-45	Plasma cel ANAPC11
4351	CHCHD10	3.47E-49	0.298925	0.917	0.432	6.52E-45	Plasma cel CHCHD10
4352	CD27.2	5.12E-49	0.372435	0.871	0.414	9.62E-45	Plasma cel CD27
4353	DUT.2	1.13E-48	0.50042	0.732	0.359	2.11E-44	Plasma cel DUT
4354	CALM1.2	1.25E-48	-0.7299	0.941	0.878	2.34E-44	Plasma cel CALM1
4355	EIF3G.1	1.78E-48	-0.74443	0.943	0.762	3.35E-44	Plasma cel EIF3G
4356	FOXP1.1	4.04E-48	-1.31421	0.2	0.437	7.59E-44	Plasma cel FOXP1
4357	PNRC1.1	9.78E-48	-1.39955	0.589	0.599	1.84E-43	Plasma cel PNRC1
4358	ARL6IP5	3.64E-47	-1.14691	0.741	0.643	6.84E-43	Plasma cel ARL6IP5
4359	RPL4.1	9.21E-47	-0.62776	0.979	0.906	1.73E-42	Plasma cel RPL4
4360	SPOCK2.2	9.98E-47	-1.10837	0.055	0.331	1.87E-42	Plasma cel SPOCK2
4361	NOSIP.2	1.17E-46	-1.85549	0.752	0.632	2.19E-42	Plasma cel NOSIP
4362	NOP53.1	6.29E-46	-1.27804	0.773	0.644	1.18E-41	Plasma cel NOP53
4363	NOL7	6.67E-46	0.268284	0.915	0.41	1.25E-41	Plasma cel NOL7
4364	ATP5F1B	9.05E-46	0.503204	0.952	0.69	1.70E-41	Plasma cel ATP5F1B
4365	PGAM1.1	1.19E-45	0.457923	0.908	0.492	2.23E-41	Plasma cel PGAM1
4366	HSPB1.2	1.20E-45	-1.36766	0.273	0.469	2.26E-41	Plasma cel HSPB1
4367	ERH	1.21E-45	0.398138	0.938	0.534	2.28E-41	Plasma cel ERH
4368	CD79B.2	1.37E-45	-0.81041	0.816	0.303	2.58E-41	Plasma cel CD79B
4369	ILF2.2	1.70E-45	0.338926	0.888	0.438	3.19E-41	Plasma cel ILF2
4370	PRELID1.1	2.60E-45	0.34176	0.934	0.506	4.88E-41	Plasma cel PRELID1
4371	EIF3F.1	1.44E-44	-0.6731	0.929	0.783	2.71E-40	Plasma cel EIF3F
4372	LHPP.1	1.84E-44	-0.2789	0.44	0.155	3.46E-40	Plasma cel LHPP
4373	TECR.1	1.76E-43	0.257941	0.926	0.437	3.31E-39	Plasma cel TECR
4374	ALOX5AP.2	3.45E-43	-1.3062	0.112	0.364	6.48E-39	Plasma cel ALOX5AP
4375	HSPE1.1	3.57E-43	0.584682	0.901	0.49	6.71E-39	Plasma cel HSPE1
4376	JAK1.2	5.43E-43	-1.18371	0.785	0.639	1.02E-38	Plasma cel JAK1
4377	OPTN.1	6.56E-43	-0.27771	0.489	0.179	1.23E-38	Plasma cel OPTN

4378 MDH2.1	1.09E-42	0.322801	0.911	0.451	2.04E-38	Plasma cel MDH2
4379 NDUFB4	1.15E-42	0.380766	0.961	0.561	2.16E-38	Plasma cel NDUFB4
4380 RPL36AL.1	5.21E-42	0.32531	0.988	0.899	9.79E-38	Plasma cel RPL36AL
4381 GNG5.1	8.10E-42	0.350052	0.975	0.63	1.52E-37	Plasma cel GNG5
4382 GABARAP.	8.75E-42	-0.78674	0.968	0.82	1.64E-37	Plasma cel GABARAP
4383 ADK	1.26E-41	-0.28939	0.55	0.207	2.37E-37	Plasma cel ADK
4384 SKP1.1	2.00E-41	-0.63211	0.94	0.799	3.76E-37	Plasma cel SKP1
4385 SEPT7.1	2.72E-41	-1.02744	0.8	0.651	5.11E-37	Plasma cel Sep-07
4386 PRPF4B	5.23E-41	-0.25689	0.544	0.205	9.82E-37	Plasma cel PRPF4B
4387 YWHAZ.2	5.90E-41	-0.69916	0.929	0.803	1.11E-36	Plasma cel YWHAZ
4388 SKAP2.1	2.05E-40	-0.25746	0.388	0.138	3.86E-36	Plasma cel SKAP2
4389 CDCA7L.1	2.90E-40	-0.29164	0.436	0.16	5.45E-36	Plasma cel CDCA7L
4390 ATP5F1E.1	3.15E-40	-0.48104	0.993	0.972	5.92E-36	Plasma cel ATP5F1E
4391 ZFAND5.1	3.17E-40	-0.26046	0.477	0.177	5.96E-36	Plasma cel ZFAND5
4392 POLR2B	4.38E-40	-0.27634	0.525	0.197	8.22E-36	Plasma cel POLR2B
4393 PRR13.1	5.80E-40	-0.96123	0.83	0.655	1.09E-35	Plasma cel PRR13
4394 GSTK1	6.19E-40	-0.96873	0.885	0.674	1.16E-35	Plasma cel GSTK1
4395 DEK.1	7.70E-40	-1.00293	0.089	0.33	1.45E-35	Plasma cel DEK
4396 RASA2.1	1.09E-39	-0.25388	0.52	0.196	2.05E-35	Plasma cel RASA2
4397 PIK3IP1.2	1.73E-39	-1.05308	0.064	0.306	3.24E-35	Plasma cel PIK3IP1
4398 SHARPIN	1.77E-39	-0.25397	0.56	0.213	3.33E-35	Plasma cel SHARPIN
4399 TPM3.1	1.82E-39	-0.80473	0.906	0.726	3.42E-35	Plasma cel TPM3
4400 SERPINB1.	1.93E-39	-1.36224	0.277	0.449	3.63E-35	Plasma cel SERPINB1
4401 TUBA1A.2	2.23E-39	-1.30293	0.222	0.423	4.19E-35	Plasma cel TUBA1A
4402 HNRNPDL	2.23E-39	-0.66679	0.938	0.823	4.20E-35	Plasma cel HNRNPDL
4403 RAB10.1	2.48E-39	-0.26797	0.603	0.231	4.66E-35	Plasma cel RAB10
4404 ACTR10	4.23E-39	-0.25214	0.514	0.194	7.94E-35	Plasma cel ACTR10
4405 MAL.2	4.93E-39	-1.06292	0.03	0.271	9.25E-35	Plasma cel MAL
4406 GMFG.2	7.25E-39	-0.70982	0.95	0.763	1.36E-34	Plasma cel GMFG
4407 ATP5F1C.1	7.75E-39	0.350639	0.949	0.53	1.46E-34	Plasma cel ATP5F1C
4408 C18orf32	1.20E-38	-0.26572	0.465	0.174	2.26E-34	Plasma cel C18orf32
4409 RNF13.1	1.82E-38	-0.25818	0.555	0.213	3.43E-34	Plasma cel RNF13
4410 IDI1	2.42E-38	-0.26639	0.472	0.177	4.55E-34	Plasma cel IDI1
4411 NDUFS5.1	2.52E-38	0.345755	0.95	0.544	4.73E-34	Plasma cel NDUFS5
4412 ACTN1.1	3.34E-38	-0.91817	0.023	0.261	6.27E-34	Plasma cel ACTN1
4413 BRK1	5.14E-38	-0.71796	0.915	0.705	9.65E-34	Plasma cel BRK1
4414 AIF1.2	5.49E-38	-2.01413	0.051	0.29	1.03E-33	Plasma cel AIF1
4415 NEAT1.1	7.18E-38	-0.47632	0.777	0.319	1.35E-33	Plasma cel NEAT1
4416 RBM22	9.69E-38	-0.25541	0.484	0.184	1.82E-33	Plasma cel RBM22
4417 TRBC1.2	1.27E-37	-1.56498	0.073	0.307	2.39E-33	Plasma cel TRBC1
4418 PPIA.1	2.01E-37	0.482267	0.989	0.949	3.78E-33	Plasma cel PPIA
4419 PAXX.1	2.83E-37	-1.3207	0.528	0.547	5.32E-33	Plasma cel PAXX
4420 RPL27.1	3.65E-37	-0.4444	0.984	0.952	6.86E-33	Plasma cel RPL27
4421 RPS10.1	6.56E-37	-1.09357	0.844	0.666	1.23E-32	Plasma cel RPS10
4422 CISD3	7.26E-37	-0.2716	0.475	0.182	1.36E-32	Plasma cel CISD3
4423 HLA-B.1	7.61E-37	-0.47874	0.996	0.992	1.43E-32	Plasma cel HLA-B
4424 IAH1.1	1.19E-36	-0.25694	0.599	0.234	2.23E-32	Plasma cel IAH1

4425	MED4	1.27E-36	-0.25435	0.624	0.244	2.38E-32	Plasma cel MED4
4426	SAT2.1	5.80E-36	-0.29551	0.668	0.264	1.09E-31	Plasma cel SAT2
4427	MSRB1.1	6.22E-36	-0.26629	0.314	0.111	1.17E-31	Plasma cel MSRB1
4428	RPS29.2	7.03E-36	-0.86477	0.972	0.829	1.32E-31	Plasma cel RPS29
4429	LAT.2	1.18E-35	-1.41382	0.262	0.427	2.22E-31	Plasma cel LAT
4430	ATP6V0E1.	1.23E-35	-0.77506	0.911	0.688	2.32E-31	Plasma cel ATP6V0E1
4431	ISCA2	1.49E-35	-0.26346	0.601	0.236	2.80E-31	Plasma cel ISCA2
4432	PLAC8.1	2.31E-35	-1.36982	0.436	0.513	4.33E-31	Plasma cel PLAC8
4433	PSMG4.1	3.11E-35	-0.26702	0.504	0.197	5.84E-31	Plasma cel PSMG4
4434	HPS1	3.51E-35	-0.26087	0.645	0.256	6.59E-31	Plasma cel HPS1
4435	SKAP1.2	5.14E-35	-1.11702	0.165	0.366	9.65E-31	Plasma cel SKAP1
4436	DR1	6.55E-35	-0.26047	0.468	0.182	1.23E-30	Plasma cel DR1
4437	MTERF4.1	8.69E-35	-0.2655	0.491	0.192	1.63E-30	Plasma cel MTERF4
4438	TMEM134	9.11E-35	-0.28895	0.592	0.235	1.71E-30	Plasma cel TMEM134
4439	PRKCH.2	1.22E-34	-0.88814	0.032	0.252	2.30E-30	Plasma cel PRKCH
4440	ABLIM1.2	1.37E-34	-0.9273	0.057	0.277	2.57E-30	Plasma cel ABLIM1
4441	COX8A.1	1.56E-34	0.356385	0.957	0.609	2.93E-30	Plasma cel COX8A
4442	APRT.1	1.69E-34	-0.67323	0.931	0.745	3.17E-30	Plasma cel APRT
4443	GNPTG	1.95E-34	-0.28498	0.601	0.238	3.66E-30	Plasma cel GNPTG
4444	HSPA8.2	2.01E-34	-0.58295	0.94	0.865	3.77E-30	Plasma cel HSPA8
4445	TMA7	2.15E-34	-0.47749	0.982	0.926	4.04E-30	Plasma cel TMA7
4446	C4orf48.1	3.56E-34	-0.29468	0.727	0.295	6.70E-30	Plasma cel C4orf48
4447	COX6B1.1	4.16E-34	0.357542	0.984	0.812	7.81E-30	Plasma cel COX6B1
4448	EIF3L.2	4.45E-34	-0.761	0.887	0.69	8.36E-30	Plasma cel EIF3L
4449	RAB24.1	6.07E-34	-0.2748	0.652	0.265	1.14E-29	Plasma cel RAB24
4450	CNIH4.1	7.56E-34	-0.25946	0.465	0.182	1.42E-29	Plasma cel CNIH4
4451	OSER1	9.34E-34	-0.27361	0.457	0.178	1.76E-29	Plasma cel OSER1
4452	SHOC2.1	1.08E-33	-0.25915	0.441	0.172	2.04E-29	Plasma cel SHOC2
4453	TROVE2	1.20E-33	-0.25292	0.493	0.195	2.25E-29	Plasma cel TROVE2
4454	THUMPD3.	1.31E-33	-0.30546	0.489	0.193	2.45E-29	Plasma cel THUMPD3-AS1
4455	RNMT	1.60E-33	-0.28041	0.482	0.19	3.00E-29	Plasma cel RNMT
4456	IGLV2-14	1.65E-33	5.106617	0.144	0.041	3.10E-29	Plasma cel IGLV2-14
4457	ZNF106.1	1.88E-33	-0.25848	0.434	0.169	3.53E-29	Plasma cel ZNF106
4458	IDH3B	1.89E-33	-0.2723	0.534	0.212	3.55E-29	Plasma cel IDH3B
4459	CTNNB1	2.31E-33	-0.25484	0.394	0.151	4.34E-29	Plasma cel CTNNB1
4460	WDR74.1	2.45E-33	-0.26894	0.537	0.215	4.60E-29	Plasma cel WDR74
4461	UQCRFS1	2.58E-33	0.266323	0.92	0.473	4.84E-29	Plasma cel UQCRFS1
4462	CPNE3	3.20E-33	-0.27721	0.56	0.224	6.02E-29	Plasma cel CPNE3
4463	ASAH1.1	4.18E-33	-0.31872	0.716	0.289	7.86E-29	Plasma cel ASAH1
4464	EEF1G.1	4.62E-33	-0.26068	0.514	0.207	8.67E-29	Plasma cel EEF1G
4465	METTL23.1	4.74E-33	-0.27437	0.647	0.26	8.90E-29	Plasma cel METTL23
4466	PCIF1	5.32E-33	-0.30048	0.539	0.215	9.99E-29	Plasma cel PCIF1
4467	ZAP70.2	5.36E-33	-1.23677	0.195	0.377	1.01E-28	Plasma cel ZAP70
4468	SATB1.1	5.53E-33	-0.87221	0.035	0.248	1.04E-28	Plasma cel SATB1
4469	ANAPC16.	6.97E-33	-0.81658	0.908	0.676	1.31E-28	Plasma cel ANAPC16
4470	GHITM	8.04E-33	0.290776	0.913	0.5	1.51E-28	Plasma cel GHITM
4471	FBXL15	1.39E-32	-0.27969	0.45	0.178	2.60E-28	Plasma cel FBXL15

4472	LYSMD2	2.21E-32	-0.79555	0.048	0.258	4.14E-28	Plasma cel	LYSMD2
4473	RAB9A	2.63E-32	-0.25551	0.383	0.148	4.94E-28	Plasma cel	RAB9A
4474	GIMAP1	2.99E-32	-0.79604	0.023	0.23	5.62E-28	Plasma cel	GIMAP1
4475	LCP2	3.59E-32	-1.07972	0.172	0.358	6.75E-28	Plasma cel	LCP2
4476	NUDT16L1	3.88E-32	-0.2862	0.484	0.193	7.30E-28	Plasma cel	NUDT16L1
4477	ATP5MF.1	5.77E-32	0.350737	0.961	0.632	1.08E-27	Plasma cel	ATP5MF
4478	TRAT1.2	6.10E-32	-0.91654	0.03	0.237	1.15E-27	Plasma cel	TRAT1
4479	CD5.2	6.23E-32	-0.82465	0.03	0.236	1.17E-27	Plasma cel	CD5
4480	FMNL1.1	6.63E-32	-0.27892	0.461	0.184	1.25E-27	Plasma cel	FMNL1
4481	ARHGEF1.2	8.30E-32	-1.21223	0.606	0.555	1.56E-27	Plasma cel	ARHGEF1
4482	C1orf123	8.92E-32	-0.27191	0.454	0.181	1.68E-27	Plasma cel	C1orf123
4483	XPA	1.02E-31	-0.25223	0.424	0.168	1.91E-27	Plasma cel	XPA
4484	CNN2.2	1.18E-31	-0.87124	0.816	0.68	2.21E-27	Plasma cel	CNN2
4485	TAOK3	1.41E-31	-0.28875	0.573	0.233	2.65E-27	Plasma cel	TAOK3
4486	PLSCR1.1	1.61E-31	-0.28055	0.413	0.164	3.03E-27	Plasma cel	PLSCR1
4487	CD6.2	1.69E-31	-0.77375	0.016	0.218	3.17E-27	Plasma cel	CD6
4488	CHTF8.1	1.80E-31	-0.28412	0.534	0.216	3.39E-27	Plasma cel	CHTF8
4489	ANKRD10.1	1.88E-31	-0.30378	0.615	0.251	3.53E-27	Plasma cel	ANKRD10
4490	HCST.1	3.95E-31	-1.53663	0.791	0.626	7.43E-27	Plasma cel	HCST
4491	MTMR14.1	5.32E-31	-0.27134	0.566	0.231	9.99E-27	Plasma cel	MTMR14
4492	TRAF3IP3.2	6.87E-31	-0.95359	0.835	0.658	1.29E-26	Plasma cel	TRAF3IP3
4493	INPP5K	7.23E-31	-0.26005	0.397	0.156	1.36E-26	Plasma cel	INPP5K
4494	IP6K2.2	7.74E-31	-0.29415	0.466	0.188	1.45E-26	Plasma cel	IP6K2
4495	ATP6V1B2.1	1.00E-30	-0.27792	0.402	0.159	1.88E-26	Plasma cel	ATP6V1B2
4496	ELOVL1	1.40E-30	-0.28032	0.47	0.19	2.63E-26	Plasma cel	ELOVL1
4497	NFE2L2	1.66E-30	-0.2643	0.473	0.193	3.11E-26	Plasma cel	NFE2L2
4498	UBC.1	2.11E-30	-0.58438	0.973	0.85	3.97E-26	Plasma cel	UBC
4499	ARF1	2.23E-30	0.303796	0.954	0.622	4.18E-26	Plasma cel	ARF1
4500	CSNK1D	3.10E-30	-0.26732	0.411	0.164	5.82E-26	Plasma cel	CSNK1D
4501	ARL16	4.05E-30	-0.29655	0.484	0.197	7.60E-26	Plasma cel	ARL16
4502	YTHDC1	4.55E-30	-0.2906	0.551	0.227	8.54E-26	Plasma cel	YTHDC1
4503	RIPOR2.1	5.64E-30	-1.07368	0.69	0.595	1.06E-25	Plasma cel	RIPOR2
4504	ITK.2	5.78E-30	-0.79412	0.025	0.22	1.08E-25	Plasma cel	ITK
4505	CHD2.1	6.39E-30	-0.31318	0.537	0.221	1.20E-25	Plasma cel	CHD2
4506	SYNE2.2	1.10E-29	-0.33067	0.427	0.173	2.06E-25	Plasma cel	SYNE2
4507	MYCBP2	1.45E-29	-0.27205	0.608	0.253	2.73E-25	Plasma cel	MYCBP2
4508	CALM2.2	1.47E-29	-0.57061	0.924	0.806	2.76E-25	Plasma cel	CALM2
4509	TPI1.2	1.54E-29	0.497022	0.949	0.616	2.90E-25	Plasma cel	TPI1
4510	RNASET2.1	1.72E-29	-1.10206	0.699	0.6	3.23E-25	Plasma cel	RNASET2
4511	TC2N.1	2.19E-29	-0.79687	0.027	0.219	4.11E-25	Plasma cel	TC2N
4512	TSPAN3.2	2.34E-29	-0.3889	0.496	0.204	4.39E-25	Plasma cel	TSPAN3
4513	ORMDL3.1	2.54E-29	-0.26418	0.378	0.15	4.78E-25	Plasma cel	ORMDL3
4514	GRHPR	2.86E-29	-0.27151	0.434	0.176	5.38E-25	Plasma cel	GRHPR
4515	PLEK.1	3.74E-29	-0.6432	0.56	0.231	7.03E-25	Plasma cel	PLEK
4516	DENR	4.08E-29	-0.25504	0.589	0.245	7.67E-25	Plasma cel	DENR
4517	USP4	4.18E-29	-0.27134	0.422	0.171	7.85E-25	Plasma cel	USP4
4518	GYPC.2	4.47E-29	-0.89013	0.902	0.67	8.40E-25	Plasma cel	GYPC

4519	NORAD.1	6.34E-29	-0.27298	0.378	0.151	1.19E-24	Plasma cel NORAD
4520	IGHG2	6.95E-29	2.591094	0.165	0.057	1.31E-24	Plasma cel IGHG2
4521	PHYKPL	8.70E-29	-0.28599	0.514	0.214	1.64E-24	Plasma cel PHYKPL
4522	SLC38A1.1	1.01E-28	-0.29268	0.695	0.29	1.89E-24	Plasma cel SLC38A1
4523	ST13.2	1.13E-28	-0.92464	0.824	0.626	2.12E-24	Plasma cel ST13
4524	NBDY.2	1.23E-28	-0.33353	0.569	0.236	2.32E-24	Plasma cel NBDY
4525	EIF3E.2	1.36E-28	-0.79858	0.894	0.677	2.55E-24	Plasma cel EIF3E
4526	TMEM59	1.91E-28	0.254597	0.949	0.552	3.59E-24	Plasma cel TMEM59
4527	CUTA.1	1.96E-28	0.266453	0.966	0.586	3.68E-24	Plasma cel CUTA
4528	ZFAS1.1	2.13E-28	-1.07656	0.695	0.582	3.99E-24	Plasma cel ZFAS1
4529	SEPT9.2	2.45E-28	-1.03953	0.704	0.582	4.60E-24	Plasma cel Sep-09
4530	COX7C.1	2.59E-28	-0.4472	0.975	0.892	4.87E-24	Plasma cel COX7C
4531	SNU13.1	2.61E-28	0.264402	0.952	0.548	4.91E-24	Plasma cel SNU13
4532	CTSW.2	2.70E-28	-1.88007	0.066	0.256	5.08E-24	Plasma cel CTSW
4533	WAPL	3.03E-28	-0.25625	0.433	0.178	5.69E-24	Plasma cel WAPL
4534	SMU1	3.46E-28	-0.28009	0.5	0.208	6.50E-24	Plasma cel SMU1
4535	CHMP5.1	4.06E-28	-0.29882	0.537	0.224	7.64E-24	Plasma cel CHMP5
4536	RBM23	4.23E-28	-0.26191	0.392	0.159	7.95E-24	Plasma cel RBM23
4537	ARFGAP2	4.28E-28	-0.29411	0.45	0.185	8.05E-24	Plasma cel ARFGAP2
4538	PRPF8	5.07E-28	-0.29498	0.557	0.234	9.53E-24	Plasma cel PRPF8
4539	HVCN1.2	5.49E-28	-1.32611	0.099	0.286	1.03E-23	Plasma cel HVCN1
4540	UGP2	8.44E-28	-0.31167	0.564	0.236	1.58E-23	Plasma cel UGP2
4541	ANXA2R.2	9.77E-28	-0.8757	0.083	0.269	1.84E-23	Plasma cel ANXA2R
4542	RGS10.1	1.03E-27	-1.35864	0.573	0.531	1.94E-23	Plasma cel RGS10
4543	THYN1.1	1.10E-27	-0.2657	0.631	0.265	2.06E-23	Plasma cel THYN1
4544	HSF1	1.11E-27	-0.27813	0.599	0.252	2.08E-23	Plasma cel HSF1
4545	ADAM10.1	1.16E-27	-0.26491	0.433	0.179	2.17E-23	Plasma cel ADAM10
4546	TBCC.1	1.44E-27	-0.26344	0.392	0.16	2.70E-23	Plasma cel TBCC
4547	MT-ATP6.1	1.44E-27	-0.35142	0.998	0.993	2.70E-23	Plasma cel MT-ATP6
4548	PPP4R3B	2.02E-27	-0.29586	0.443	0.184	3.80E-23	Plasma cel PPP4R3B
4549	TINF2.1	2.03E-27	-0.32988	0.622	0.261	3.81E-23	Plasma cel TINF2
4550	DEGS1.1	2.10E-27	-0.30784	0.512	0.216	3.94E-23	Plasma cel DEGS1
4551	CD8B.2	2.97E-27	-1.71159	0.025	0.206	5.58E-23	Plasma cel CD8B
4552	TEX264	3.55E-27	-0.26353	0.67	0.283	6.66E-23	Plasma cel TEX264
4553	CD300A.1	3.78E-27	-0.37318	0.355	0.143	7.10E-23	Plasma cel CD300A
4554	S100A6.2	5.11E-27	-1.57572	0.782	0.751	9.60E-23	Plasma cel S100A6
4555	C20orf27.1	6.08E-27	-0.25943	0.495	0.21	1.14E-22	Plasma cel C20orf27
4556	PRMT2.2	7.20E-27	-1.27196	0.592	0.534	1.35E-22	Plasma cel PRMT2
4557	MPPE1	7.42E-27	-0.25295	0.349	0.141	1.39E-22	Plasma cel MPPE1
4558	ZNF638	8.60E-27	-0.30374	0.433	0.18	1.62E-22	Plasma cel ZNF638
4559	PRKAR1A.1	1.02E-26	-0.30678	0.739	0.312	1.92E-22	Plasma cel PRKAR1A
4560	VPS35.1	1.09E-26	-0.27972	0.665	0.282	2.04E-22	Plasma cel VPS35
4561	TMX4	1.22E-26	-0.25573	0.383	0.158	2.29E-22	Plasma cel TMX4
4562	CD96.2	1.28E-26	-0.67595	0.02	0.196	2.41E-22	Plasma cel CD96
4563	SYPL1.2	1.31E-26	-1.13377	0.222	0.367	2.46E-22	Plasma cel SYPL1
4564	C16orf54	1.40E-26	-0.25128	0.404	0.168	2.62E-22	Plasma cel C16orf54
4565	MS4A1.2	1.69E-26	-2.36835	0.094	0.274	3.17E-22	Plasma cel MS4A1

4566	ACAA1.1	1.77E-26	-0.29625	0.661	0.28	3.32E-22	Plasma cel ACAA1
4567	EFHD2.1	2.19E-26	-0.38601	0.362	0.148	4.11E-22	Plasma cel EFHD2
4568	RPL36A.2	2.39E-26	-0.71501	0.956	0.802	4.49E-22	Plasma cel RPL36A
4569	LCP1.1	2.75E-26	-1.13202	0.688	0.583	5.17E-22	Plasma cel LCP1
4570	JUNB.2	2.76E-26	-1.52802	0.661	0.571	5.19E-22	Plasma cel JUNB
4571	NDUFA4.1	3.32E-26	0.297796	0.979	0.713	6.24E-22	Plasma cel NDUFA4
4572	SOD1.1	3.43E-26	-0.66928	0.902	0.694	6.45E-22	Plasma cel SOD1
4573	TMEM175	3.74E-26	-0.28882	0.402	0.168	7.02E-22	Plasma cel TMEM175
4574	LPXN.1	4.07E-26	-0.27128	0.493	0.209	7.65E-22	Plasma cel LPXN
4575	ELP2.1	5.05E-26	-0.2508	0.351	0.143	9.48E-22	Plasma cel ELP2
4576	AKIRIN1	6.12E-26	-0.32566	0.486	0.206	1.15E-21	Plasma cel AKIRIN1
4577	SORL1.1	8.62E-26	-0.69079	0.021	0.194	1.62E-21	Plasma cel SORL1
4578	CFDP1.1	9.18E-26	-0.30962	0.493	0.21	1.72E-21	Plasma cel CFDP1
4579	DGKA.2	9.98E-26	-0.98607	0.161	0.323	1.88E-21	Plasma cel DGKA
4580	SIGIRR.1	1.09E-25	-1.06898	0.284	0.399	2.04E-21	Plasma cel SIGIRR
4581	TMEM109	1.18E-25	-0.27113	0.58	0.249	2.21E-21	Plasma cel TMEM109
4582	IRAK4	1.20E-25	-0.26568	0.395	0.165	2.25E-21	Plasma cel IRAK4
4583	DNAJC19.1	1.36E-25	-0.25631	0.67	0.287	2.55E-21	Plasma cel DNAJC19
4584	SIRPG.2	1.44E-25	-0.64511	0.009	0.176	2.71E-21	Plasma cel SIRPG
4585	HMGNA4.1	1.72E-25	-0.32654	0.654	0.279	3.23E-21	Plasma cel HMGNA4
4586	CNOT2	1.87E-25	-0.32853	0.589	0.251	3.50E-21	Plasma cel CNOT2
4587	ZNF292	2.33E-25	-0.27713	0.417	0.176	4.38E-21	Plasma cel ZNF292
4588	PEX16	2.61E-25	-0.30092	0.454	0.193	4.90E-21	Plasma cel PEX16
4589	ITGB2-AS1	2.68E-25	-0.82527	0.08	0.254	5.03E-21	Plasma cel ITGB2-AS1
4590	CAMK4.2	2.73E-25	-1.04514	0.149	0.312	5.14E-21	Plasma cel CAMK4
4591	RPL7.2	2.88E-25	-0.45697	0.965	0.866	5.41E-21	Plasma cel RPL7
4592	HLA-DQA2	4.06E-25	-1.13225	0.491	0.211	7.63E-21	Plasma cel HLA-DQA2
4593	RSF1	4.34E-25	-0.31454	0.507	0.218	8.16E-21	Plasma cel RSF1
4594	CEBPZOS	4.46E-25	-0.25793	0.395	0.167	8.38E-21	Plasma cel CEBPZOS
4595	IGHM.1	4.56E-25	3.415189	0.445	0.257	8.57E-21	Plasma cel IGHM
4596	RSBN1L	4.66E-25	-0.35948	0.574	0.247	8.75E-21	Plasma cel RSBN1L
4597	TRA2A	4.69E-25	-0.27838	0.441	0.189	8.81E-21	Plasma cel TRA2A
4598	SCML4.1	5.30E-25	-0.63467	0.016	0.182	9.96E-21	Plasma cel SCML4
4599	TSR2.1	5.70E-25	-0.27591	0.436	0.186	1.07E-20	Plasma cel TSR2
4600	C14orf119	6.15E-25	-0.30603	0.626	0.269	1.15E-20	Plasma cel C14orf119
4601	THEM4.1	6.30E-25	-0.27897	0.388	0.164	1.18E-20	Plasma cel THEM4
4602	TMIGD2.1	6.80E-25	-0.67632	0.023	0.191	1.28E-20	Plasma cel TMIGD2
4603	STX7	6.87E-25	-0.48206	0.507	0.217	1.29E-20	Plasma cel STX7
4604	CISH.1	6.95E-25	-1.06839	0.034	0.204	1.31E-20	Plasma cel CISH
4605	FAM162A	7.72E-25	-0.26073	0.615	0.266	1.45E-20	Plasma cel FAM162A
4606	CCNG1.2	7.77E-25	-0.30905	0.489	0.21	1.46E-20	Plasma cel CCNG1
4607	VIM.1	8.15E-25	0.373159	0.968	0.811	1.53E-20	Plasma cel VIM
4608	U2AF1L4.1	8.67E-25	-0.28604	0.418	0.178	1.63E-20	Plasma cel U2AF1L4
4609	ARF6	1.00E-24	-0.32218	0.461	0.198	1.88E-20	Plasma cel ARF6
4610	TNIP1	1.12E-24	-0.33164	0.601	0.259	2.11E-20	Plasma cel TNIP1
4611	MX2.1	1.15E-24	-0.61042	0.018	0.183	2.15E-20	Plasma cel MX2
4612	PPWD1.1	1.21E-24	-0.25317	0.362	0.152	2.27E-20	Plasma cel PPWD1

4613	IL4R.1	1.22E-24	-0.82509	0.032	0.2	2.28E-20	Plasma cel IL4R
4614	PCID2.1	1.56E-24	-0.28454	0.399	0.169	2.92E-20	Plasma cel PCID2
4615	NIFK.1	1.96E-24	-0.27639	0.615	0.268	3.69E-20	Plasma cel NIFK
4616	CTSB.1	2.18E-24	-0.49072	0.527	0.227	4.09E-20	Plasma cel CTSB
4617	ARMH1.2	2.21E-24	-0.70361	0.028	0.194	4.16E-20	Plasma cel ARMH1
4618	RPL13A	2.42E-24	-0.67543	0.934	0.715	4.55E-20	Plasma cel RPL13A
4619	ITFG2.1	2.66E-24	-0.26629	0.363	0.153	4.99E-20	Plasma cel ITFG2
4620	ARFRP1	2.70E-24	-0.29982	0.436	0.187	5.08E-20	Plasma cel ARFRP1
4621	S1PR4	2.72E-24	-0.2544	0.574	0.255	5.11E-20	Plasma cel S1PR4
4622	PSAP.1	3.10E-24	-0.51909	0.888	0.403	5.83E-20	Plasma cel PSAP
4623	DPF2.1	3.58E-24	-0.28156	0.395	0.168	6.72E-20	Plasma cel DPF2
4624	C7orf50	3.94E-24	-0.36365	0.491	0.212	7.41E-20	Plasma cel C7orf50
4625	IRF2	4.16E-24	-0.28862	0.674	0.293	7.82E-20	Plasma cel IRF2
4626	SNX1	4.17E-24	-0.29483	0.617	0.267	7.84E-20	Plasma cel SNX1
4627	PIAS1	6.07E-24	-0.35331	0.514	0.223	1.14E-19	Plasma cel PIAS1
4628	CAPG.2	8.08E-24	-0.43295	0.475	0.208	1.52E-19	Plasma cel CAPG
4629	CD8A.2	8.61E-24	-1.05812	0.014	0.173	1.62E-19	Plasma cel CD8A
4630	MED30	8.69E-24	-0.26333	0.395	0.169	1.63E-19	Plasma cel MED30
4631	ARPC2.2	9.92E-24	-0.51986	0.956	0.859	1.86E-19	Plasma cel ARPC2
4632	RPL38.2	1.06E-23	-0.57382	0.956	0.813	1.98E-19	Plasma cel RPL38
4633	REST.1	1.12E-23	-0.29482	0.429	0.186	2.10E-19	Plasma cel REST
4634	SCP2	1.66E-23	-0.29321	0.771	0.331	3.11E-19	Plasma cel SCP2
4635	UBLCP1.1	2.04E-23	-0.32848	0.504	0.22	3.83E-19	Plasma cel UBLCP1
4636	ARHGAP9	2.19E-23	-1.01004	0.239	0.363	4.12E-19	Plasma cel ARHGAP9
4637	PDE4B.1	2.28E-23	-0.33245	0.387	0.166	4.29E-19	Plasma cel PDE4B
4638	SF1.1	2.93E-23	-0.94482	0.762	0.589	5.51E-19	Plasma cel SF1
4639	FAM129C.1	3.17E-23	-0.97668	0.02	0.177	5.95E-19	Plasma cel FAM129C
4640	REL.1	3.46E-23	-0.7915	0.071	0.234	6.51E-19	Plasma cel REL
4641	IFNGR2.1	3.94E-23	-0.41781	0.75	0.322	7.41E-19	Plasma cel IFNGR2
4642	PPP2R5C.1	4.26E-23	-0.42809	0.468	0.204	8.01E-19	Plasma cel PPP2R5C
4643	CCDC82	4.86E-23	-0.25937	0.332	0.139	9.13E-19	Plasma cel CCDC82
4644	POLE4.1	5.56E-23	-0.30432	0.605	0.266	1.05E-18	Plasma cel POLE4
4645	FLT3LG.2	6.96E-23	-1.2419	0.293	0.391	1.31E-18	Plasma cel FLT3LG
4646	CCNL2	8.05E-23	-0.31469	0.397	0.172	1.51E-18	Plasma cel CCNL2
4647	SMARCC2	8.90E-23	-0.25333	0.376	0.162	1.67E-18	Plasma cel SMARCC2
4648	KMT2C.1	9.67E-23	-0.25003	0.346	0.148	1.82E-18	Plasma cel KMT2C
4649	GIMAP6.1	1.22E-22	-0.59907	0.02	0.174	2.30E-18	Plasma cel GIMAP6
4650	PPM1K.1	1.26E-22	-0.37675	0.441	0.193	2.37E-18	Plasma cel PPM1K
4651	NMI.2	1.31E-22	-0.3002	0.504	0.222	2.46E-18	Plasma cel NMI
4652	TOR1AIP1	1.71E-22	-0.27277	0.353	0.151	3.21E-18	Plasma cel TOR1AIP1
4653	ROCK1.1	1.73E-22	-0.32164	0.544	0.241	3.25E-18	Plasma cel ROCK1
4654	IL16.2	1.88E-22	-1.03862	0.596	0.531	3.52E-18	Plasma cel IL16
4655	TRAPPC6A	2.04E-22	-0.354	0.638	0.28	3.83E-18	Plasma cel TRAPPC6A
4656	CARD8	2.23E-22	-0.2903	0.395	0.172	4.18E-18	Plasma cel CARD8
4657	ATF1	2.87E-22	-0.2724	0.337	0.144	5.39E-18	Plasma cel ATF1
4658	SENP6	4.14E-22	-0.31947	0.443	0.195	7.77E-18	Plasma cel SENP6
4659	PPT1.1	4.53E-22	-0.31622	0.525	0.232	8.52E-18	Plasma cel PPT1

4660	NKTR	4.60E-22	-0.33039	0.475	0.21	8.64E-18	Plasma cel NKTR
4661	NUP214.1	4.80E-22	-0.3298	0.335	0.144	9.01E-18	Plasma cel NUP214
4662	TMEM204	5.25E-22	-0.62016	0.027	0.179	9.86E-18	Plasma cel TMEM204
4663	TNFRSF1A	5.40E-22	-0.62735	0.034	0.187	1.01E-17	Plasma cel TNFRSF1A
4664	MITD1	5.64E-22	-0.31737	0.401	0.175	1.06E-17	Plasma cel MITD1
4665	USP34	5.89E-22	-0.26135	0.346	0.149	1.11E-17	Plasma cel USP34
4666	IQGAP1.1	6.03E-22	-0.31731	0.654	0.293	1.13E-17	Plasma cel IQGAP1
4667	PDCD6IP	6.20E-22	-0.31804	0.505	0.225	1.16E-17	Plasma cel PDCD6IP
4668	RNF149.1	7.36E-22	-0.3769	0.686	0.304	1.38E-17	Plasma cel RNF149
4669	EIF3K	7.59E-22	-0.36692	0.977	0.875	1.43E-17	Plasma cel EIF3K
4670	DHPS.1	9.98E-22	-0.3191	0.699	0.307	1.88E-17	Plasma cel DHPS
4671	SUMO3	1.01E-21	-0.30063	0.613	0.272	1.89E-17	Plasma cel SUMO3
4672	RASSF1	1.01E-21	-0.38862	0.418	0.184	1.90E-17	Plasma cel RASSF1
4673	DEF6.1	1.24E-21	-0.29364	0.768	0.336	2.33E-17	Plasma cel DEF6
4674	IK	1.26E-21	-0.2529	0.723	0.322	2.37E-17	Plasma cel IK
4675	RP9.1	1.28E-21	-0.30577	0.333	0.143	2.40E-17	Plasma cel RP9
4676	LINC00667	1.37E-21	-0.26855	0.337	0.145	2.56E-17	Plasma cel LINC00667
4677	INO80E.1	1.48E-21	-0.33551	0.615	0.272	2.77E-17	Plasma cel INO80E
4678	SRP14.1	1.73E-21	-0.3753	0.966	0.88	3.25E-17	Plasma cel SRP14
4679	XAB2.1	2.04E-21	-0.33603	0.441	0.195	3.83E-17	Plasma cel XAB2
4680	TYROBP.1	2.26E-21	-2.64579	0.051	0.205	4.25E-17	Plasma cel TYROBP
4681	ARL2BP.1	2.71E-21	-0.33067	0.525	0.234	5.09E-17	Plasma cel ARL2BP
4682	UQCRB	2.90E-21	-0.51066	0.954	0.764	5.45E-17	Plasma cel UQCRB
4683	CYB5R3	3.19E-21	-0.35996	0.534	0.238	5.99E-17	Plasma cel CYB5R3
4684	MIER1	3.85E-21	-0.32563	0.42	0.186	7.23E-17	Plasma cel MIER1
4685	RIN3.1	4.08E-21	-0.67438	0.069	0.222	7.67E-17	Plasma cel RIN3
4686	GON4L	4.09E-21	-0.29046	0.374	0.165	7.69E-17	Plasma cel GON4L
4687	TUBA1B.2	4.21E-21	1.358041	0.723	0.515	7.91E-17	Plasma cel TUBA1B
4688	DCP2.1	4.51E-21	-0.28572	0.399	0.177	8.47E-17	Plasma cel DCP2
4689	RNASEH2B	4.70E-21	-0.27572	0.699	0.313	8.82E-17	Plasma cel RNASEH2B
4690	NEMF	5.18E-21	-0.32947	0.461	0.206	9.73E-17	Plasma cel NEMF
4691	CSNK1A1	5.27E-21	-0.29476	0.713	0.315	9.90E-17	Plasma cel CSNK1A1
4692	LAMTOR4	5.58E-21	-0.90384	0.844	0.601	1.05E-16	Plasma cel LAMTOR4
4693	PRPF38B	6.27E-21	-0.35456	0.613	0.275	1.18E-16	Plasma cel PRPF38B
4694	PRKCB.1	6.74E-21	-0.30254	0.42	0.19	1.27E-16	Plasma cel PRKCB
4695	CCDC12	7.03E-21	-0.36074	0.647	0.287	1.32E-16	Plasma cel CCDC12
4696	CNOT4	7.32E-21	-0.25882	0.326	0.141	1.37E-16	Plasma cel CNOT4
4697	SLC25A5	8.37E-21	0.418526	0.957	0.699	1.57E-16	Plasma cel SLC25A5
4698	TIAL1.1	8.80E-21	-0.28321	0.649	0.291	1.65E-16	Plasma cel TIAL1
4699	CAP1.2	9.68E-21	-0.90933	0.759	0.579	1.82E-16	Plasma cel CAP1
4700	WIPF1	1.13E-20	-0.31875	0.656	0.293	2.13E-16	Plasma cel WIPF1
4701	GIMAP5.2	1.18E-20	-0.56441	0.016	0.157	2.21E-16	Plasma cel GIMAP5
4702	VAMP5.1	1.23E-20	-0.40398	0.651	0.293	2.31E-16	Plasma cel VAMP5
4703	C1QBP.1	1.36E-20	0.279579	0.913	0.559	2.55E-16	Plasma cel C1QBP
4704	LST1.2	1.41E-20	-1.61979	0.027	0.172	2.65E-16	Plasma cel LST1
4705	FYN	1.89E-20	-0.60239	0.021	0.163	3.55E-16	Plasma cel FYN
4706	UBAC2.1	1.89E-20	-0.83305	0.163	0.299	3.56E-16	Plasma cel UBAC2

4707	SLFN5.2	1.97E-20	-0.84454	0.113	0.259	3.70E-16	Plasma cel SLFN5
4708	CCDC91	1.98E-20	-0.25887	0.321	0.139	3.72E-16	Plasma cel CCDC91
4709	DGKD	2.03E-20	-0.29172	0.328	0.143	3.81E-16	Plasma cel DGKD
4710	CMPK1.1	2.19E-20	-0.31393	0.707	0.314	4.11E-16	Plasma cel CMPK1
4711	HLA-DMB	2.19E-20	-0.8691	0.053	0.2	4.11E-16	Plasma cel HLA-DMB
4712	HNRNPA2B1	2.45E-20	-0.37236	0.961	0.882	4.60E-16	Plasma cel HNRNPA2B1
4713	MAML2.2	2.58E-20	-0.57793	0.021	0.162	4.85E-16	Plasma cel MAML2
4714	DGCR6L	3.25E-20	-0.35948	0.566	0.254	6.10E-16	Plasma cel DGCR6L
4715	ZMAT2	3.49E-20	-0.32806	0.622	0.279	6.55E-16	Plasma cel ZMAT2
4716	MT1X	3.76E-20	-0.35422	0.461	0.208	7.07E-16	Plasma cel MT1X
4717	HMGB1.2	3.76E-20	0.637389	0.975	0.812	7.07E-16	Plasma cel HMGB1
4718	ESYT1.1	4.60E-20	-0.34739	0.463	0.209	8.63E-16	Plasma cel ESYT1
4719	JAML.1	5.40E-20	-0.65938	0.034	0.176	1.01E-15	Plasma cel JAML
4720	GIMAP2.1	5.72E-20	-0.77934	0.103	0.247	1.07E-15	Plasma cel GIMAP2
4721	EFR3A	5.83E-20	-0.25934	0.324	0.143	1.10E-15	Plasma cel EFR3A
4722	TCL1A.2	6.03E-20	-2.06953	0.062	0.208	1.13E-15	Plasma cel TCL1A
4723	PDLIM2	6.33E-20	-0.75125	0.117	0.259	1.19E-15	Plasma cel PDLIM2
4724	STAG2	7.08E-20	-0.33026	0.457	0.207	1.33E-15	Plasma cel STAG2
4725	PYCARD.1	7.18E-20	-0.54433	0.817	0.361	1.35E-15	Plasma cel PYCARD
4726	CD4.1	7.41E-20	-0.55286	0.018	0.155	1.39E-15	Plasma cel CD4
4727	HBP1	8.81E-20	-0.28587	0.48	0.22	1.66E-15	Plasma cel HBP1
4728	DOCK8.1	9.15E-20	-0.31468	0.706	0.318	1.72E-15	Plasma cel DOCK8
4729	GSTO1.2	9.77E-20	-0.40113	0.635	0.286	1.84E-15	Plasma cel GSTO1
4730	ADAM8	9.80E-20	-0.2823	0.305	0.134	1.84E-15	Plasma cel ADAM8
4731	SNHG15	1.04E-19	-0.2789	0.427	0.195	1.96E-15	Plasma cel SNHG15
4732	NCOA4.2	1.08E-19	-0.39842	0.571	0.258	2.02E-15	Plasma cel NCOA4
4733	TXK.2	1.22E-19	-0.59048	0.027	0.165	2.29E-15	Plasma cel TXK
4734	NCK1	1.24E-19	-0.29164	0.358	0.16	2.33E-15	Plasma cel NCK1
4735	MAP4K2	1.71E-19	-0.28329	0.353	0.158	3.21E-15	Plasma cel MAP4K2
4736	OSGEP	1.74E-19	-0.32644	0.44	0.2	3.27E-15	Plasma cel OSGEP
4737	ABI1	1.91E-19	-0.35247	0.521	0.238	3.58E-15	Plasma cel ABI1
4738	DNAJA2	1.97E-19	-0.32513	0.67	0.301	3.70E-15	Plasma cel DNAJA2
4739	GRSF1	2.16E-19	-0.31782	0.688	0.309	4.05E-15	Plasma cel GRSF1
4740	CCNL1	2.28E-19	-0.34649	0.645	0.293	4.28E-15	Plasma cel CCNL1
4741	SHKBP1.1	2.55E-19	-0.31619	0.789	0.347	4.79E-15	Plasma cel SHKBP1
4742	NKG7.1	3.20E-19	-3.32457	0.062	0.205	6.01E-15	Plasma cel NKG7
4743	ICAM3	3.26E-19	-0.81612	0.851	0.607	6.13E-15	Plasma cel ICAM3
4744	RAN.1	3.40E-19	0.548986	0.929	0.733	6.38E-15	Plasma cel RAN
4745	CCDC28A	4.43E-19	-0.28184	0.34	0.152	8.33E-15	Plasma cel CCDC28A
4746	SUPT4H1.2	4.48E-19	-0.3592	0.738	0.328	8.41E-15	Plasma cel SUPT4H1
4747	SUPT20H	4.50E-19	-0.28493	0.356	0.161	8.45E-15	Plasma cel SUPT20H
4748	CGGBP1	4.60E-19	-0.3627	0.447	0.204	8.64E-15	Plasma cel CGGBP1
4749	CST7	4.80E-19	-1.98702	0.034	0.171	9.02E-15	Plasma cel CST7
4750	TLN1.1	5.30E-19	-0.43574	0.518	0.237	9.96E-15	Plasma cel TLN1
4751	GTF2H5	6.32E-19	-0.32078	0.424	0.194	1.19E-14	Plasma cel GTF2H5
4752	LDHB.1	6.40E-19	-0.853	0.95	0.74	1.20E-14	Plasma cel LDHB
4753	LYAR.1	6.68E-19	-0.39572	0.355	0.161	1.25E-14	Plasma cel LYAR

4754	PLEKHA1.1	7.44E-19	-0.48454	0.009	0.136	1.40E-14	Plasma cel PLEKHA1
4755	LYN.1	7.86E-19	-0.54104	0.507	0.233	1.48E-14	Plasma cel LYN
4756	DHRS7	7.91E-19	-0.41211	0.73	0.327	1.48E-14	Plasma cel DHRS7
4757	TES.1	9.22E-19	-0.35312	0.606	0.277	1.73E-14	Plasma cel TES
4758	ATF6B	9.83E-19	-0.35708	0.64	0.291	1.85E-14	Plasma cel ATF6B
4759	EFCAB14	1.00E-18	-0.2963	0.337	0.151	1.88E-14	Plasma cel EFCAB14
4760	CYB5A.1	1.53E-18	-0.34417	0.402	0.184	2.87E-14	Plasma cel CYB5A
4761	SLC25A3.1	1.55E-18	0.251657	0.963	0.718	2.91E-14	Plasma cel SLC25A3
4762	YWHAB.2	1.63E-18	-0.41971	0.961	0.807	3.06E-14	Plasma cel YWHAB
4763	SON	1.77E-18	-0.70941	0.918	0.641	3.33E-14	Plasma cel SON
4764	DIDO1	1.82E-18	-0.27413	0.326	0.147	3.41E-14	Plasma cel DIDO1
4765	ARRB2.2	1.84E-18	-1.10749	0.369	0.411	3.45E-14	Plasma cel ARRB2
4766	HLA-F.1	1.87E-18	-1.06408	0.576	0.502	3.51E-14	Plasma cel HLA-F
4767	POLD4	2.01E-18	-1.15273	0.704	0.547	3.77E-14	Plasma cel POLD4
4768	SMIM37	2.03E-18	-0.34837	0.578	0.268	3.81E-14	Plasma cel SMIM37
4769	TRMT1	2.49E-18	-0.39125	0.528	0.243	4.68E-14	Plasma cel TRMT1
4770	PSTPIP1.1	3.58E-18	-0.652	0.067	0.203	6.73E-14	Plasma cel PSTPIP1
4771	MT-ND1.2	3.67E-18	-0.47901	0.989	0.859	6.89E-14	Plasma cel MT-ND1
4772	NIPBL	3.93E-18	-0.36435	0.472	0.218	7.39E-14	Plasma cel NIPBL
4773	CNTRL	4.42E-18	-0.28313	0.33	0.15	8.30E-14	Plasma cel CNTRL
4774	YPEL3	5.01E-18	-0.33259	0.449	0.212	9.41E-14	Plasma cel YPEL3
4775	RHOG.1	5.24E-18	-1.10345	0.621	0.513	9.85E-14	Plasma cel RHOG
4776	TRABD2A.2	5.64E-18	-0.64944	0.05	0.182	1.06E-13	Plasma cel TRABD2A
4777	SH2D2A.1	5.69E-18	-0.66438	0.016	0.141	1.07E-13	Plasma cel SH2D2A
4778	ELF2	5.80E-18	-0.33716	0.374	0.171	1.09E-13	Plasma cel ELF2
4779	DDX6.1	5.80E-18	-0.39794	0.596	0.275	1.09E-13	Plasma cel DDX6
4780	RAB5B	6.33E-18	-0.26963	0.31	0.14	1.19E-13	Plasma cel RAB5B
4781	NGDN.1	6.39E-18	-0.37041	0.528	0.244	1.20E-13	Plasma cel NGDN
4782	RELA.1	6.89E-18	-0.34942	0.454	0.21	1.29E-13	Plasma cel RELA
4783	SRSF1.1	7.83E-18	-0.33559	0.626	0.289	1.47E-13	Plasma cel SRSF1
4784	SMIM27.2	8.87E-18	-0.37637	0.433	0.201	1.67E-13	Plasma cel SMIM27
4785	RGCC.2	1.09E-17	-0.42853	0.443	0.206	2.05E-13	Plasma cel RGCC
4786	SNX29	1.12E-17	-0.25249	0.264	0.117	2.11E-13	Plasma cel SNX29
4787	LRRN3.2	1.13E-17	-0.56229	0.007	0.127	2.13E-13	Plasma cel LRRN3
4788	HNRNPK.1	1.16E-17	-0.48796	0.929	0.742	2.18E-13	Plasma cel HNRNPK
4789	ALOX5.2	1.17E-17	-0.73342	0.048	0.179	2.20E-13	Plasma cel ALOX5
4790	PXK	1.21E-17	-0.2668	0.287	0.129	2.26E-13	Plasma cel PXK
4791	RCAN3.2	1.51E-17	-0.69484	0.085	0.218	2.84E-13	Plasma cel RCAN3
4792	CD69.1	1.56E-17	-0.88476	0.113	0.244	2.94E-13	Plasma cel CD69
4793	TESPA1.1	1.66E-17	-0.53655	0.03	0.157	3.12E-13	Plasma cel TESPA1
4794	PIK3CD	1.98E-17	-0.66176	0.085	0.216	3.72E-13	Plasma cel PIK3CD
4795	HCLS1.2	2.20E-17	-0.59919	0.911	0.662	4.14E-13	Plasma cel HCLS1
4796	GRAP2.2	2.56E-17	-0.51967	0.021	0.144	4.81E-13	Plasma cel GRAP2
4797	NT5C.1	3.06E-17	-0.26501	0.8	0.371	5.75E-13	Plasma cel NT5C
4798	MT-ND4L.1	3.20E-17	-0.39416	0.995	0.952	6.01E-13	Plasma cel MT-ND4L
4799	NR1H2	3.54E-17	-0.37236	0.532	0.248	6.65E-13	Plasma cel NR1H2
4800	XAF1	3.83E-17	-0.59307	0.05	0.178	7.19E-13	Plasma cel XAF1

4801	POLR2G	4.14E-17	-0.33545	0.645	0.299	7.77E-13	Plasma cel POLR2G
4802	DRAM2	4.51E-17	-0.40981	0.468	0.219	8.48E-13	Plasma cel DRAM2
4803	PYCR2.1	5.03E-17	-0.29294	0.314	0.144	9.46E-13	Plasma cel PYCR2
4804	LINC01550	5.08E-17	-0.51058	0.021	0.142	9.54E-13	Plasma cel LINC01550
4805	NPTN.1	5.18E-17	-0.33521	0.42	0.197	9.73E-13	Plasma cel NPTN
4806	ITSN2	5.31E-17	-0.43366	0.569	0.264	9.97E-13	Plasma cel ITSN2
4807	ICAM2.1	5.86E-17	-0.27323	0.84	0.383	1.10E-12	Plasma cel ICAM2
4808	IRF1.1	6.35E-17	-0.28307	0.828	0.398	1.19E-12	Plasma cel IRF1
4809	GBP2.1	6.59E-17	-0.6157	0.062	0.19	1.24E-12	Plasma cel GBP2
4810	BIN2.1	6.68E-17	-1.07199	0.583	0.496	1.25E-12	Plasma cel BIN2
4811	SH2D1A.1	7.11E-17	-0.49369	0.014	0.132	1.34E-12	Plasma cel SH2D1A
4812	ARHGAP17	7.40E-17	-0.57949	0.044	0.17	1.39E-12	Plasma cel ARHGAP17
4813	BNIP2.1	7.66E-17	-0.36849	0.624	0.289	1.44E-12	Plasma cel BNIP2
4814	ADAM28	7.82E-17	-0.28495	0.199	0.084	1.47E-12	Plasma cel ADAM28
4815	CTSC.1	9.35E-17	-0.46797	0.695	0.329	1.76E-12	Plasma cel CTSC
4816	ZEB2.1	9.38E-17	-0.60542	0.028	0.151	1.76E-12	Plasma cel ZEB2
4817	RPL35.2	9.73E-17	-0.25056	0.991	0.982	1.83E-12	Plasma cel RPL35
4818	LINC02273	9.85E-17	-0.52648	0.028	0.15	1.85E-12	Plasma cel LINC02273
4819	RNF130.2	1.30E-16	-0.70196	0.034	0.156	2.44E-12	Plasma cel RNF130
4820	INPP4B.1	1.37E-16	-0.48289	0.016	0.133	2.58E-12	Plasma cel INPP4B
4821	SAMD9	1.39E-16	-0.3094	0.335	0.156	2.60E-12	Plasma cel SAMD9
4822	CD72.2	1.41E-16	-0.87825	0.035	0.158	2.66E-12	Plasma cel CD72
4823	ZNF581	1.45E-16	-0.32629	0.385	0.181	2.72E-12	Plasma cel ZNF581
4824	ZNF146.1	1.57E-16	-0.28664	0.319	0.148	2.96E-12	Plasma cel ZNF146
4825	PTPN6.1	1.75E-16	-0.98741	0.807	0.602	3.28E-12	Plasma cel PTPN6
4826	AL138963.	1.83E-16	-0.40938	0.427	0.213	3.44E-12	Plasma cel AL138963.3
4827	RRAGA	2.01E-16	-0.39307	0.465	0.219	3.78E-12	Plasma cel RRAGA
4828	APBB1.1	2.20E-16	-0.45671	0.014	0.129	4.13E-12	Plasma cel APBB1
4829	ETHE1	2.28E-16	-0.35594	0.431	0.203	4.29E-12	Plasma cel ETHE1
4830	NCF1.2	2.31E-16	-0.49824	0.961	0.479	4.33E-12	Plasma cel NCF1
4831	GZMA.1	2.34E-16	-1.42179	0.021	0.139	4.40E-12	Plasma cel GZMA
4832	TAF15	2.40E-16	-0.32038	0.431	0.205	4.50E-12	Plasma cel TAF15
4833	EIF4A2.1	2.41E-16	-1.01693	0.69	0.531	4.52E-12	Plasma cel EIF4A2
4834	CCL5.2	2.44E-16	-2.47858	0.03	0.15	4.59E-12	Plasma cel CCL5
4835	FOXN3	2.78E-16	-0.30453	0.365	0.172	5.23E-12	Plasma cel FOXN3
4836	IST1	2.81E-16	-0.36216	0.436	0.206	5.28E-12	Plasma cel IST1
4837	UBASH3A.	3.01E-16	-0.4291	0.012	0.125	5.65E-12	Plasma cel UBASH3A
4838	THEMIS.2	3.26E-16	-0.44418	0.014	0.128	6.12E-12	Plasma cel THEMIS
4839	GPX4.2	3.90E-16	-0.76577	0.826	0.601	7.33E-12	Plasma cel GPX4
4840	NCR3.1	4.04E-16	-0.53347	0.009	0.119	7.59E-12	Plasma cel NCR3
4841	DPYD.1	4.62E-16	-0.65223	0.089	0.212	8.68E-12	Plasma cel DPYD
4842	QRSL1.1	5.02E-16	-0.32662	0.278	0.128	9.42E-12	Plasma cel QRSL1
4843	ASH1L	5.85E-16	-0.27705	0.328	0.155	1.10E-11	Plasma cel ASH1L
4844	ACTR3.1	5.88E-16	-0.61235	0.89	0.661	1.10E-11	Plasma cel ACTR3
4845	PIP4P1	5.96E-16	-0.29701	0.305	0.142	1.12E-11	Plasma cel PIP4P1
4846	DIAPH1.1	6.06E-16	-0.25186	0.312	0.147	1.14E-11	Plasma cel DIAPH1
4847	ZNF430.1	6.93E-16	-0.26116	0.277	0.127	1.30E-11	Plasma cel ZNF430

4848	ANKRD49	8.03E-16	-0.27604	0.294	0.138	1.51E-11	Plasma cel ANKRD49
4849	TNFRSF25	8.07E-16	-0.43934	0.014	0.125	1.52E-11	Plasma cel TNFRSF25
4850	SDHD	8.07E-16	-0.25261	0.73	0.342	1.52E-11	Plasma cel SDHD
4851	HIST1H2AC	8.34E-16	-0.48902	0.408	0.197	1.57E-11	Plasma cel HIST1H2AC
4852	GLIPR2.1	8.55E-16	-0.45558	0.41	0.195	1.61E-11	Plasma cel GLIPR2
4853	GID8	9.38E-16	-0.31649	0.649	0.306	1.76E-11	Plasma cel GID8
4854	LINC02446	9.41E-16	-1.08251	0.021	0.134	1.77E-11	Plasma cel LINC02446
4855	SUMO2.1	1.08E-15	-0.33622	0.952	0.844	2.02E-11	Plasma cel SUMO2
4856	LINC00623	1.16E-15	-0.53386	0.041	0.158	2.18E-11	Plasma cel LINC00623
4857	PCM1	1.30E-15	-0.35308	0.426	0.203	2.45E-11	Plasma cel PCM1
4858	TSEN34.2	1.32E-15	-0.29367	0.34	0.161	2.47E-11	Plasma cel TSEN34
4859	TTC14.1	1.32E-15	-0.34946	0.383	0.183	2.48E-11	Plasma cel TTC14
4860	SYNE1	1.72E-15	-0.35451	0.349	0.166	3.22E-11	Plasma cel SYNE1
4861	SMARCE1	1.74E-15	-0.37248	0.507	0.242	3.26E-11	Plasma cel SMARCE1
4862	GGNBP2	2.23E-15	-0.3919	0.596	0.281	4.19E-11	Plasma cel GGNBP2
4863	CDKN1B.1	2.45E-15	-0.41754	0.599	0.283	4.60E-11	Plasma cel CDKN1B
4864	TADA3	2.68E-15	-0.40903	0.56	0.266	5.04E-11	Plasma cel TADA3
4865	ZFAND2B	3.07E-15	-0.36127	0.402	0.193	5.77E-11	Plasma cel ZFAND2B
4866	ILF3-DT.1	3.62E-15	-0.32586	0.351	0.168	6.80E-11	Plasma cel ILF3-DT
4867	FLI1	3.78E-15	-0.39257	0.574	0.274	7.11E-11	Plasma cel FLI1
4868	ARL4C.2	3.80E-15	-0.44579	0.548	0.263	7.14E-11	Plasma cel ARL4C
4869	PRDM2	3.88E-15	-0.25048	0.252	0.116	7.28E-11	Plasma cel PRDM2
4870	DNAJB14	3.96E-15	-0.29844	0.326	0.155	7.43E-11	Plasma cel DNAJB14
4871	CHI3L2.1	4.16E-15	-0.61792	0.043	0.157	7.81E-11	Plasma cel CHI3L2
4872	GBP4	4.63E-15	-0.43324	0.018	0.125	8.70E-11	Plasma cel GBP4
4873	TRAF5.1	4.94E-15	-0.49156	0.03	0.141	9.27E-11	Plasma cel TRAF5
4874	DOCK2.1	4.99E-15	-0.28499	0.333	0.16	9.37E-11	Plasma cel DOCK2
4875	LINC00926	5.23E-15	-1.06401	0.076	0.193	9.83E-11	Plasma cel LINC00926
4876	HLA-DQA1	6.42E-15	-1.09512	0.574	0.274	1.21E-10	Plasma cel HLA-DQA1
4877	ZRSR2	8.02E-15	-0.25214	0.275	0.129	1.51E-10	Plasma cel ZRSR2
4878	NELL2.2	8.50E-15	-0.48571	0.014	0.119	1.60E-10	Plasma cel NELL2
4879	PNN.2	9.05E-15	-0.32519	0.688	0.328	1.70E-10	Plasma cel PNN
4880	CASP4	9.47E-15	-0.4419	0.606	0.288	1.78E-10	Plasma cel CASP4
4881	SERPINB6	9.48E-15	-0.43467	0.021	0.128	1.78E-10	Plasma cel SERPINB6
4882	CHIC2	9.48E-15	-0.31651	0.36	0.175	1.78E-10	Plasma cel CHIC2
4883	GDI1	1.02E-14	-0.35133	0.422	0.205	1.91E-10	Plasma cel GDI1
4884	GNPTAB	1.05E-14	-0.25816	0.234	0.107	1.98E-10	Plasma cel GNPTAB
4885	OGA	1.12E-14	-0.34641	0.401	0.195	2.10E-10	Plasma cel OGA
4886	N4BP2L1	1.15E-14	-0.29786	0.335	0.161	2.16E-10	Plasma cel N4BP2L1
4887	FCGR3A.2	1.18E-14	-1.35465	0.018	0.123	2.21E-10	Plasma cel FCGR3A
4888	PTTG1IP.2	1.51E-14	-0.29263	0.301	0.144	2.84E-10	Plasma cel PTTG1IP
4889	FOXN2	1.60E-14	-0.28729	0.309	0.148	3.00E-10	Plasma cel FOXN2
4890	CD24.1	1.69E-14	-0.63811	0.016	0.119	3.17E-10	Plasma cel CD24
4891	KRI1	1.69E-14	-0.2957	0.294	0.14	3.18E-10	Plasma cel KRI1
4892	CD40LG.1	2.02E-14	-0.48615	0.012	0.114	3.79E-10	Plasma cel CD40LG
4893	FAM32A	2.03E-14	-0.36453	0.622	0.296	3.81E-10	Plasma cel FAM32A
4894	IL2RG.1	2.21E-14	-0.28398	0.291	0.14	4.15E-10	Plasma cel IL2RG

4895	TTC39C	2.23E-14	-0.42468	0.021	0.126	4.19E-10	Plasma cel	TTC39C
4896	ZNF22.2	2.44E-14	-0.40542	0.585	0.28	4.59E-10	Plasma cel	ZNF22
4897	KLRB1.1	2.45E-14	-1.18914	0.018	0.121	4.60E-10	Plasma cel	KLRB1
4898	MARCH1.1	2.49E-14	-0.49121	0.02	0.123	4.68E-10	Plasma cel	Mar-01
4899	ATF7IP	2.75E-14	-0.32687	0.333	0.162	5.17E-10	Plasma cel	ATF7IP
4900	AOAH.1	2.78E-14	-0.49672	0.025	0.13	5.22E-10	Plasma cel	AOAH
4901	SOX4.1	2.90E-14	-0.25025	0.218	0.1	5.45E-10	Plasma cel	SOX4
4902	HIGD2A.1	3.13E-14	-0.52094	0.931	0.666	5.88E-10	Plasma cel	HIGD2A
4903	PITHD1.1	3.18E-14	-0.36871	0.44	0.214	5.98E-10	Plasma cel	PITHD1
4904	ARID5B.1	3.21E-14	-0.45851	0.459	0.225	6.03E-10	Plasma cel	ARID5B
4905	SASH3	3.57E-14	-0.41283	0.693	0.328	6.70E-10	Plasma cel	SASH3
4906	SHISAL2A.1	3.99E-14	-0.36364	0.34	0.165	7.50E-10	Plasma cel	SHISAL2A
4907	NCBP2-AS2	4.01E-14	-0.37393	0.578	0.28	7.53E-10	Plasma cel	NCBP2-AS2
4908	IPCEF1.1	4.05E-14	-0.38981	0.012	0.112	7.60E-10	Plasma cel	IPCEF1
4909	Mar-07	4.14E-14	-0.33451	0.362	0.176	7.78E-10	Plasma cel	Mar-07
4910	GIMAP8.1	4.44E-14	-0.36196	0.009	0.106	8.34E-10	Plasma cel	GIMAP8
4911	LY86.1	4.97E-14	-0.63515	0.053	0.163	9.34E-10	Plasma cel	LY86
4912	SETX	5.36E-14	-0.33374	0.371	0.182	1.01E-09	Plasma cel	SETX
4913	CALCOCO2	5.51E-14	-0.38183	0.512	0.249	1.04E-09	Plasma cel	CALCOCO2
4914	ANXA11	5.61E-14	-0.7471	0.789	0.567	1.05E-09	Plasma cel	ANXA11
4915	MYC.1	5.75E-14	-1.14357	0.367	0.405	1.08E-09	Plasma cel	MYC
4916	FNBP4.1	6.22E-14	-0.41701	0.605	0.291	1.17E-09	Plasma cel	FNBP4
4917	PTGER2	6.34E-14	-0.45837	0.009	0.105	1.19E-09	Plasma cel	PTGER2
4918	AFF3.1	6.58E-14	-0.51865	0.018	0.118	1.24E-09	Plasma cel	AFF3
4919	RGL4.1	6.80E-14	-0.45045	0.016	0.115	1.28E-09	Plasma cel	RGL4
4920	RHOT2	7.17E-14	-0.37114	0.399	0.195	1.35E-09	Plasma cel	RHOT2
4921	HDAC10	7.49E-14	-0.30135	0.332	0.161	1.41E-09	Plasma cel	HDAC10
4922	MTRNR2L1	7.59E-14	-0.29163	0.993	0.943	1.43E-09	Plasma cel	MTRNR2L12
4923	PDE3B.2	8.21E-14	-0.49905	0.041	0.147	1.54E-09	Plasma cel	PDE3B
4924	ILK.1	8.73E-14	-0.41742	0.525	0.255	1.64E-09	Plasma cel	ILK
4925	CRTC2	8.78E-14	-0.27079	0.278	0.134	1.65E-09	Plasma cel	CRTC2
4926	RBMS1.1	9.88E-14	-0.54803	0.073	0.183	1.86E-09	Plasma cel	RBMS1
4927	RPAIN.2	1.06E-13	-0.37123	0.52	0.254	1.98E-09	Plasma cel	RPAIN
4928	SPI1.1	1.15E-13	-0.68055	0.344	0.168	2.15E-09	Plasma cel	SPI1
4929	SPTAN1.1	1.27E-13	-0.35865	0.392	0.194	2.38E-09	Plasma cel	SPTAN1
4930	MED28	1.28E-13	-0.3747	0.48	0.236	2.40E-09	Plasma cel	MED28
4931	CCL4.1	1.29E-13	-1.21485	0.011	0.106	2.42E-09	Plasma cel	CCL4
4932	BAZ1A.1	1.30E-13	-0.3792	0.502	0.247	2.44E-09	Plasma cel	BAZ1A
4933	MAT2A.2	1.35E-13	-0.3342	0.502	0.249	2.54E-09	Plasma cel	MAT2A
4934	PDCD10	1.36E-13	-0.4128	0.605	0.292	2.55E-09	Plasma cel	PDCD10
4935	BACH2.1	1.57E-13	-0.77985	0.096	0.203	2.96E-09	Plasma cel	BACH2
4936	NCKAP1L.1	1.75E-13	-0.40991	0.482	0.237	3.29E-09	Plasma cel	NCKAP1L
4937	ACAP1.1	2.02E-13	-1.00705	0.61	0.49	3.79E-09	Plasma cel	ACAP1
4938	PRKCQ.1	2.13E-13	-0.35487	0.009	0.102	3.99E-09	Plasma cel	PRKCQ
4939	ZYX.1	2.24E-13	-1.11507	0.387	0.395	4.20E-09	Plasma cel	ZYX
4940	FCN1.2	2.29E-13	-1.42044	0.012	0.107	4.30E-09	Plasma cel	FCN1
4941	ZNF800.1	2.41E-13	-0.38827	0.452	0.224	4.52E-09	Plasma cel	ZNF800

4942	CDC42SE2.	2.41E-13	-0.40934	0.613	0.298	4.53E-09	Plasma cel CDC42SE2
4943	HNRNPF.2	2.44E-13	-0.47856	0.901	0.691	4.59E-09	Plasma cel HNRNPF
4944	PRF1.2	2.51E-13	-1.8105	0.069	0.176	4.72E-09	Plasma cel PRF1
4945	ZC3HAV1.1	2.65E-13	-0.42957	0.534	0.262	4.98E-09	Plasma cel ZC3HAV1
4946	SNHG12.2	2.75E-13	-0.29208	0.28	0.136	5.16E-09	Plasma cel SNHG12
4947	MAT2B.1	2.75E-13	-0.8717	0.771	0.546	5.17E-09	Plasma cel MAT2B
4948	AC116366.	2.82E-13	-0.3343	0.314	0.154	5.30E-09	Plasma cel AC116366.3
4949	CHD3	3.04E-13	-0.49003	0.046	0.15	5.71E-09	Plasma cel CHD3
4950	ADSS	3.21E-13	-0.37895	0.459	0.227	6.04E-09	Plasma cel ADSS
4951	PPP1R11	3.31E-13	-0.40496	0.557	0.272	6.22E-09	Plasma cel PPP1R11
4952	DDX18.1	3.63E-13	-0.27865	0.793	0.38	6.82E-09	Plasma cel DDX18
4953	CAPZA2.2	3.74E-13	-0.35055	0.72	0.343	7.03E-09	Plasma cel CAPZA2
4954	C12orf65.1	3.79E-13	-0.34034	0.365	0.181	7.12E-09	Plasma cel C12orf65
4955	RPP21	3.83E-13	-0.35239	0.365	0.182	7.19E-09	Plasma cel RPP21
4956	ZNRD1	4.21E-13	-0.36439	0.619	0.301	7.91E-09	Plasma cel ZNRD1
4957	PHF3	4.46E-13	-0.41312	0.488	0.241	8.38E-09	Plasma cel PHF3
4958	ZCCHC7.1	4.91E-13	-0.43525	0.434	0.216	9.22E-09	Plasma cel ZCCHC7
4959	SLC25A38.	4.95E-13	-0.33788	0.335	0.166	9.30E-09	Plasma cel SLC25A38
4960	RAP1B	5.28E-13	-0.67978	0.851	0.622	9.92E-09	Plasma cel RAP1B
4961	FNTA.1	6.12E-13	-0.40533	0.488	0.242	1.15E-08	Plasma cel FNTA
4962	TAX1BP1	6.14E-13	-0.27866	0.807	0.38	1.15E-08	Plasma cel TAX1BP1
4963	RAB14	6.34E-13	-0.37495	0.557	0.275	1.19E-08	Plasma cel RAB14
4964	FUS.1	6.70E-13	-0.88957	0.66	0.518	1.26E-08	Plasma cel FUS
4965	ERICH1.1	6.92E-13	-0.39415	0.447	0.223	1.30E-08	Plasma cel ERICH1
4966	MARCKSL1	7.62E-13	-0.88476	0.186	0.273	1.43E-08	Plasma cel MARCKSL1
4967	BTN3A2.1	8.47E-13	-0.42352	0.504	0.251	1.59E-08	Plasma cel BTN3A2
4968	STMN3.1	8.61E-13	-0.61906	0.09	0.193	1.62E-08	Plasma cel STMN3
4969	PLD4	8.63E-13	-0.57677	0.014	0.106	1.62E-08	Plasma cel PLD4
4970	VAMP8.2	8.81E-13	-0.77373	0.855	0.579	1.66E-08	Plasma cel VAMP8
4971	MTSS1.1	9.16E-13	-0.59241	0.05	0.151	1.72E-08	Plasma cel MTSS1
4972	KAT8	9.48E-13	-0.36653	0.356	0.177	1.78E-08	Plasma cel KAT8
4973	HINT1.2	9.57E-13	-0.30341	0.968	0.914	1.80E-08	Plasma cel HINT1
4974	MATK.1	1.05E-12	-0.54632	0.023	0.118	1.97E-08	Plasma cel MATK
4975	CFP.1	1.07E-12	-0.55482	0.021	0.115	2.01E-08	Plasma cel CFP
4976	ELF1	1.29E-12	-0.42237	0.707	0.338	2.42E-08	Plasma cel ELF1
4977	AC025164.	1.31E-12	-0.56386	0.053	0.154	2.46E-08	Plasma cel AC025164.1
4978	GIT2	1.33E-12	-0.34138	0.39	0.196	2.50E-08	Plasma cel GIT2
4979	SH3BGRL.2	1.37E-12	-0.82687	0.805	0.551	2.58E-08	Plasma cel SH3BGRL
4980	TGIF1	1.48E-12	-0.37477	0.014	0.104	2.79E-08	Plasma cel TGIF1
4981	LGALS3BP	1.56E-12	-0.35829	0.018	0.109	2.94E-08	Plasma cel LGALS3BP
4982	RPS20	1.57E-12	-0.3146	0.676	0.332	2.95E-08	Plasma cel RPS20
4983	CDC42EP3.	1.63E-12	-0.4035	0.353	0.177	3.06E-08	Plasma cel CDC42EP3
4984	FGFBP2.2	1.65E-12	-1.37366	0.012	0.101	3.10E-08	Plasma cel FGFBP2
4985	SEPT1.2	1.77E-12	-0.82982	0.842	0.575	3.33E-08	Plasma cel Sep-01
4986	CLEC2D.2	1.86E-12	-0.43191	0.651	0.317	3.50E-08	Plasma cel CLEC2D
4987	LENG1	1.99E-12	-0.26619	0.261	0.128	3.74E-08	Plasma cel LENG1
4988	MPEG1.1	2.57E-12	-0.41872	0.012	0.1	4.83E-08	Plasma cel MPEG1

4989 TAZ	2.68E-12	-0.35239	0.374	0.189	5.04E-08	Plasma cel TAZ
4990 RTN4.2	2.73E-12	-0.37811	0.582	0.289	5.14E-08	Plasma cel RTN4
4991 TAF1D.2	2.83E-12	-0.40135	0.645	0.315	5.31E-08	Plasma cel TAF1D
4992 EAPP	2.95E-12	-0.45129	0.608	0.296	5.54E-08	Plasma cel EAPP
4993 MKRN1	3.00E-12	-0.4138	0.434	0.218	5.63E-08	Plasma cel MKRN1
4994 CNPPD1	3.01E-12	-0.44774	0.541	0.267	5.66E-08	Plasma cel CNPPD1
4995 SLC25A6	3.03E-12	-0.35433	0.959	0.795	5.70E-08	Plasma cel SLC25A6
4996 ARPC5.1	3.59E-12	-0.63286	0.879	0.62	6.75E-08	Plasma cel ARPC5
4997 LINC02397	3.70E-12	-0.29214	0.186	0.087	6.95E-08	Plasma cel LINC02397
4998 RPS2.1	3.70E-12	-0.46344	0.968	0.854	6.95E-08	Plasma cel RPS2
4999 SDCBP.1	3.75E-12	-0.9388	0.31	0.348	7.04E-08	Plasma cel SDCBP
5000 RNF125.1	4.23E-12	-0.47729	0.048	0.144	7.94E-08	Plasma cel RNF125
5001 METTL9.1	4.23E-12	-0.45653	0.658	0.317	7.95E-08	Plasma cel METTL9
5002 ZNF24.1	4.84E-12	-0.44058	0.523	0.26	9.09E-08	Plasma cel ZNF24
5003 BCL11B.2	5.03E-12	-0.39647	0.02	0.108	9.46E-08	Plasma cel BCL11B
5004 ITGAL.1	5.34E-12	-0.31597	0.294	0.148	1.00E-07	Plasma cel ITGAL
5005 TNFAIP8L2	5.36E-12	-0.54078	0.08	0.178	1.01E-07	Plasma cel TNFAIP8L2
5006 MOB2	5.40E-12	-0.32666	0.323	0.163	1.01E-07	Plasma cel MOB2
5007 MAPKAPK5	5.57E-12	-0.42321	0.468	0.236	1.05E-07	Plasma cel MAPKAPK5-AS1
5008 HHEX	5.63E-12	-0.47178	0.027	0.117	1.06E-07	Plasma cel HHEX
5009 SF3A1.1	5.68E-12	-0.38776	0.59	0.292	1.07E-07	Plasma cel SF3A1
5010 MNDA.1	5.92E-12	-0.9908	0.025	0.115	1.11E-07	Plasma cel MNDA
5011 ARPC4.1	6.82E-12	-0.26844	0.262	0.131	1.28E-07	Plasma cel ARPC4
5012 CDC42.1	7.48E-12	-0.53168	0.915	0.654	1.41E-07	Plasma cel CDC42
5013 TP53TG1	7.78E-12	-0.28412	0.264	0.131	1.46E-07	Plasma cel TP53TG1
5014 HLA-A.1	8.10E-12	-0.32813	0.988	0.902	1.52E-07	Plasma cel HLA-A
5015 SERPINA1.	8.53E-12	-1.52433	0.025	0.114	1.60E-07	Plasma cel SERPINA1
5016 C9orf16.1	9.62E-12	-0.65775	0.878	0.592	1.81E-07	Plasma cel C9orf16
5017 CDK10	9.82E-12	-0.33402	0.323	0.163	1.84E-07	Plasma cel CDK10
5018 SYTL1.1	1.02E-11	-0.90416	0.475	0.437	1.92E-07	Plasma cel SYTL1
5019 PAIP2	1.09E-11	-0.77282	0.812	0.555	2.06E-07	Plasma cel PAIP2
5020 RPA2.1	1.15E-11	-0.36776	0.585	0.291	2.16E-07	Plasma cel RPA2
5021 CD22.1	1.51E-11	-0.53904	0.025	0.112	2.84E-07	Plasma cel CD22
5022 SVBP	1.54E-11	-0.36595	0.346	0.176	2.88E-07	Plasma cel SVBP
5023 CAT.1	1.59E-11	-0.42324	0.518	0.26	2.98E-07	Plasma cel CAT
5024 GNLY.1	1.61E-11	-2.98747	0.018	0.102	3.02E-07	Plasma cel GNLY
5025 PPCS	1.74E-11	-0.41113	0.647	0.317	3.27E-07	Plasma cel PPCS
5026 EXOC7	2.18E-11	-0.25809	0.259	0.13	4.10E-07	Plasma cel EXOC7
5027 RAB11B	2.25E-11	-0.34617	0.768	0.368	4.23E-07	Plasma cel RAB11B
5028 STK17A.2	2.25E-11	-1.02539	0.445	0.414	4.23E-07	Plasma cel STK17A
5029 STAT1	2.29E-11	-0.52555	0.557	0.282	4.30E-07	Plasma cel STAT1
5030 SLC25A37.	2.35E-11	-0.4678	0.22	0.109	4.41E-07	Plasma cel SLC25A37
5031 RAB11A.1	2.43E-11	-0.41565	0.629	0.311	4.57E-07	Plasma cel RAB11A
5032 LAPTM4A.	2.75E-11	-0.36194	0.775	0.37	5.17E-07	Plasma cel LAPTM4A
5033 GATA3.1	2.84E-11	-0.41035	0.028	0.115	5.33E-07	Plasma cel GATA3
5034 SELENOW	3.12E-11	-0.90782	0.631	0.49	5.86E-07	Plasma cel SELENOW
5035 PGS1.1	3.58E-11	-0.35249	0.282	0.143	6.73E-07	Plasma cel PGS1

5036	GLOD4.1	3.64E-11	-0.40923	0.47	0.239	6.84E-07	Plasma cel	GLOD4
5037	LENG8	3.83E-11	-0.3727	0.39	0.202	7.19E-07	Plasma cel	LENG8
5038	DYNLT1.2	3.86E-11	-0.49043	0.573	0.285	7.24E-07	Plasma cel	DYNLT1
5039	HTATIP2	3.87E-11	-0.36112	0.376	0.193	7.27E-07	Plasma cel	HTATIP2
5040	HLA-DRB5.	3.94E-11	-1.65349	0.784	0.388	7.41E-07	Plasma cel	HLA-DRB5
5041	KDM4C	3.95E-11	-0.27389	0.264	0.134	7.42E-07	Plasma cel	KDM4C
5042	THUMPD1	4.14E-11	-0.3195	0.307	0.157	7.78E-07	Plasma cel	THUMPD1
5043	APBB1IP	4.29E-11	-0.92002	0.543	0.454	8.06E-07	Plasma cel	APBB1IP
5044	SCIMP.2	4.49E-11	-0.4341	0.02	0.102	8.43E-07	Plasma cel	SCIMP
5045	RPL17.2	4.56E-11	-0.47159	0.941	0.71	8.56E-07	Plasma cel	RPL17
5046	HACD4.1	5.59E-11	-0.42561	0.449	0.23	1.05E-06	Plasma cel	HACD4
5047	UHMK1	5.99E-11	-0.34731	0.353	0.182	1.12E-06	Plasma cel	UHMK1
5048	SAMHD1.2	6.53E-11	-1.13371	0.461	0.416	1.23E-06	Plasma cel	SAMHD1
5049	CPPED1.1	6.85E-11	-0.2588	0.186	0.09	1.29E-06	Plasma cel	CPPED1
5050	CYBC1	7.01E-11	-0.31614	0.83	0.401	1.32E-06	Plasma cel	CYBC1
5051	ITM2A.1	7.48E-11	-1.05908	0.326	0.354	1.41E-06	Plasma cel	ITM2A
5052	STARD3	7.80E-11	-0.39645	0.417	0.215	1.46E-06	Plasma cel	STARD3
5053	CD74.2	9.74E-11	-2.03085	0.998	0.808	1.83E-06	Plasma cel	CD74
5054	SCAF4	1.01E-10	-0.31662	0.287	0.147	1.89E-06	Plasma cel	SCAF4
5055	ATP1A1	1.10E-10	-0.41758	0.555	0.281	2.06E-06	Plasma cel	ATP1A1
5056	LYZ.1	1.18E-10	-2.34475	0.046	0.133	2.22E-06	Plasma cel	LYZ
5057	SERINC5	1.20E-10	-0.37235	0.03	0.113	2.26E-06	Plasma cel	SERINC5
5058	SNRPD2.2	1.21E-10	-0.3068	0.97	0.842	2.28E-06	Plasma cel	SNRPD2
5059	TGOLN2.1	1.30E-10	-0.42163	0.475	0.245	2.44E-06	Plasma cel	TGOLN2
5060	ETS1.2	1.57E-10	-0.95443	0.323	0.348	2.96E-06	Plasma cel	ETS1
5061	PRRC2B	1.67E-10	-0.31063	0.282	0.145	3.13E-06	Plasma cel	PRRC2B
5062	HCK.1	1.75E-10	-0.68053	0.05	0.136	3.29E-06	Plasma cel	HCK
5063	NIPSNAP1.	1.77E-10	-0.28748	0.273	0.141	3.33E-06	Plasma cel	NIPSNAP1
5064	PCMTD1	2.16E-10	-0.39344	0.381	0.199	4.06E-06	Plasma cel	PCMTD1
5065	MAP3K1.1	2.35E-10	-0.25133	0.22	0.111	4.42E-06	Plasma cel	MAP3K1
5066	SELENOH.1	2.39E-10	-0.41792	0.945	0.714	4.49E-06	Plasma cel	SELENOH
5067	RAD21.1	2.62E-10	-0.28143	0.674	0.347	4.92E-06	Plasma cel	RAD21
5068	GNB2.1	2.82E-10	-0.30258	0.814	0.402	5.29E-06	Plasma cel	GNB2
5069	UBE2D2.1	2.94E-10	-0.36369	0.945	0.719	5.52E-06	Plasma cel	UBE2D2
5070	GMPS	3.02E-10	-0.27517	0.309	0.162	5.67E-06	Plasma cel	GMPS
5071	GAPT	3.12E-10	-0.45288	0.025	0.103	5.86E-06	Plasma cel	GAPT
5072	RARRES3.1	3.13E-10	-0.77753	0.668	0.554	5.87E-06	Plasma cel	RARRES3
5073	CCDC66.1	3.15E-10	-0.25827	0.227	0.115	5.91E-06	Plasma cel	CCDC66
5074	BEX3.2	3.51E-10	-0.64829	0.098	0.183	6.60E-06	Plasma cel	BEX3
5075	OTULINL.1	3.71E-10	-0.34876	0.034	0.114	6.97E-06	Plasma cel	OTULINL
5076	M6PR	3.71E-10	-0.34065	0.745	0.366	6.97E-06	Plasma cel	M6PR
5077	HOPX.2	3.74E-10	-0.90474	0.032	0.112	7.03E-06	Plasma cel	HOPX
5078	BLK.2	4.02E-10	-0.40877	0.261	0.136	7.55E-06	Plasma cel	BLK
5079	GPBP1.1	4.17E-10	-0.44349	0.697	0.343	7.83E-06	Plasma cel	GPBP1
5080	PHF14	4.19E-10	-0.3155	0.289	0.151	7.86E-06	Plasma cel	PHF14
5081	MACF1	4.60E-10	-0.34359	0.34	0.18	8.65E-06	Plasma cel	MACF1
5082	ID2	4.92E-10	-0.47267	0.046	0.128	9.25E-06	Plasma cel	ID2

5083	CA5B	5.70E-10	-0.27812	0.246	0.128	1.07E-05	Plasma cel CA5B
5084	OAZ1.2	5.72E-10	-0.45245	0.98	0.938	1.07E-05	Plasma cel OAZ1
5085	NSD3.1	5.95E-10	-0.45846	0.661	0.329	1.12E-05	Plasma cel NSD3
5086	ARHGEF2	6.41E-10	-0.30604	0.273	0.143	1.20E-05	Plasma cel ARHGEF2
5087	CXCR4.2	6.95E-10	-1.08502	0.294	0.327	1.31E-05	Plasma cel CXCR4
5088	ADD3.2	7.01E-10	-0.90503	0.651	0.49	1.32E-05	Plasma cel ADD3
5089	OXNAD1.2	7.11E-10	-0.81351	0.176	0.247	1.34E-05	Plasma cel OXNAD1
5090	CYLD.1	7.32E-10	-0.45486	0.475	0.248	1.38E-05	Plasma cel CYLD
5091	NFATC3	7.54E-10	-0.33565	0.294	0.155	1.42E-05	Plasma cel NFATC3
5092	LAIR1	8.18E-10	-0.67161	0.135	0.214	1.54E-05	Plasma cel LAIR1
5093	CBLB.1	9.69E-10	-0.48979	0.066	0.148	1.82E-05	Plasma cel CBLB
5094	IVNS1ABP	9.93E-10	-0.3768	0.319	0.169	1.87E-05	Plasma cel IVNS1ABP
5095	TRIM38	1.08E-09	-0.28728	0.255	0.134	2.02E-05	Plasma cel TRIM38
5096	STAT3	1.14E-09	-0.4601	0.555	0.285	2.14E-05	Plasma cel STAT3
5097	GPBP1L1	1.19E-09	-0.2763	0.25	0.131	2.24E-05	Plasma cel GPBP1L1
5098	EMB	1.33E-09	-0.43175	0.402	0.212	2.50E-05	Plasma cel EMB
5099	SMPD1.1	1.37E-09	-0.31926	0.257	0.135	2.56E-05	Plasma cel SMPD1
5100	PPP1R18	1.39E-09	-0.99177	0.619	0.473	2.61E-05	Plasma cel PPP1R18
5101	VPS4B	1.47E-09	-0.40056	0.408	0.216	2.76E-05	Plasma cel VPS4B
5102	LGALS9.2	1.59E-09	-0.4856	0.064	0.145	2.99E-05	Plasma cel LGALS9
5103	CHD1	1.61E-09	-0.37727	0.339	0.18	3.03E-05	Plasma cel CHD1
5104	PNISR.1	1.64E-09	-0.77741	0.824	0.552	3.08E-05	Plasma cel PNISR
5105	MBNL1.1	1.76E-09	-0.90786	0.612	0.475	3.31E-05	Plasma cel MBNL1
5106	ZNF148	1.85E-09	-0.33233	0.301	0.16	3.47E-05	Plasma cel ZNF148
5107	HLA-DMA	2.15E-09	-0.95918	0.676	0.341	4.04E-05	Plasma cel HLA-DMA
5108	BORCS7	2.23E-09	-0.25129	0.238	0.125	4.19E-05	Plasma cel BORCS7
5109	S100A4.2	2.27E-09	-2.02279	0.621	0.538	4.26E-05	Plasma cel S100A4
5110	ZNF524	2.37E-09	-0.3591	0.344	0.185	4.45E-05	Plasma cel ZNF524
5111	RASGRP2.2	2.42E-09	-0.67967	0.635	0.524	4.55E-05	Plasma cel RASGRP2
5112	OXLD1.1	2.63E-09	-0.437	0.491	0.258	4.94E-05	Plasma cel OXLD1
5113	UBE2D1.1	2.64E-09	-0.39034	0.358	0.191	4.95E-05	Plasma cel UBE2D1
5114	LYST.1	2.79E-09	-0.60016	0.087	0.167	5.24E-05	Plasma cel LYST
5115	NDE1	2.83E-09	-0.28455	0.254	0.134	5.32E-05	Plasma cel NDE1
5116	ULK3.1	2.89E-09	-0.30563	0.259	0.137	5.44E-05	Plasma cel ULK3
5117	CLK1.1	3.14E-09	-0.42566	0.372	0.2	5.90E-05	Plasma cel CLK1
5118	CMTM3	3.26E-09	-0.41809	0.055	0.133	6.12E-05	Plasma cel CMTM3
5119	ZMYM2	3.30E-09	-0.26776	0.232	0.122	6.19E-05	Plasma cel ZMYM2
5120	CAMLG.1	3.47E-09	-0.42583	0.461	0.244	6.52E-05	Plasma cel CAMLG
5121	WBP2	3.78E-09	-0.47258	0.539	0.279	7.10E-05	Plasma cel WBP2
5122	ARHGEF6	4.16E-09	-0.28309	0.254	0.135	7.82E-05	Plasma cel ARHGEF6
5123	TAGAP.2	4.56E-09	-1.03692	0.457	0.407	8.56E-05	Plasma cel TAGAP
5124	SPG11	4.62E-09	-0.25552	0.218	0.114	8.68E-05	Plasma cel SPG11
5125	YPEL5	4.76E-09	-0.45072	0.486	0.255	8.94E-05	Plasma cel YPEL5
5126	CNOT7.1	4.78E-09	-0.3647	0.718	0.359	8.97E-05	Plasma cel CNOT7
5127	NSA2.1	5.03E-09	-0.85769	0.736	0.52	9.46E-05	Plasma cel NSA2
5128	S100A8.1	5.05E-09	-4.68949	0.167	0.24	9.49E-05	Plasma cel S100A8
5129	SLC44A2.1	5.35E-09	-0.85332	0.319	0.335	0.000101	Plasma cel SLC44A2

5130	PGLS.1	5.71E-09	-0.97035	0.585	0.458	0.000107	Plasma cel PGLS
5131	CCS	6.23E-09	-0.507	0.548	0.284	0.000117	Plasma cel CCS
5132	CLIC3.1	6.47E-09	-0.97322	0.035	0.108	0.000122	Plasma cel CLIC3
5133	MANBA.1	6.91E-09	-0.28438	0.23	0.122	0.00013	Plasma cel MANBA
5134	DCXR.1	7.14E-09	-0.27441	0.817	0.412	0.000134	Plasma cel DCXR
5135	STAT6.1	7.81E-09	-0.58558	0.126	0.2	0.000147	Plasma cel STAT6
5136	BLOC1S4.1	7.83E-09	-0.32154	0.271	0.146	0.000147	Plasma cel BLOC1S4
5137	BBX.1	8.34E-09	-0.40023	0.324	0.175	0.000157	Plasma cel BBX
5138	FGD3	8.96E-09	-0.73751	0.23	0.28	0.000168	Plasma cel FGD3
5139	TFDP2.2	9.63E-09	-0.26697	0.2	0.105	0.000181	Plasma cel TFDP2
5140	POLM	1.35E-08	-0.27794	0.229	0.122	0.000253	Plasma cel POLM
5141	CTSD.1	1.35E-08	-0.40484	0.22	0.117	0.000255	Plasma cel CTSD
5142	TNFAIP8.2	1.58E-08	-0.88112	0.661	0.491	0.000297	Plasma cel TNFAIP8
5143	BRI3.1	1.66E-08	-0.33568	0.23	0.123	0.000313	Plasma cel BRI3
5144	TBRG1	1.70E-08	-0.47548	0.539	0.282	0.00032	Plasma cel TBRG1
5145	GRK2.1	1.82E-08	-0.38099	0.33	0.181	0.000342	Plasma cel GRK2
5146	FCER1G.1	2.00E-08	-2.04177	0.154	0.222	0.000375	Plasma cel FCER1G
5147	UXT.1	2.17E-08	-0.44152	0.918	0.654	0.000407	Plasma cel UXT
5148	KLF6.2	2.27E-08	-0.91483	0.291	0.32	0.000426	Plasma cel KLF6
5149	TNRC6B	2.28E-08	-0.43226	0.401	0.218	0.000427	Plasma cel TNRC6B
5150	FDFT1.2	2.31E-08	-0.36467	0.736	0.374	0.000434	Plasma cel FDFT1
5151	CD40.2	2.51E-08	-0.47748	0.278	0.152	0.000471	Plasma cel CD40
5152	NGRN.1	2.55E-08	-0.41153	0.374	0.203	0.000479	Plasma cel NGRN
5153	SH3BP1	2.58E-08	-0.3702	0.348	0.19	0.000484	Plasma cel SH3BP1
5154	UXS1	3.36E-08	-0.30455	0.245	0.133	0.000631	Plasma cel UXS1
5155	S100A9.1	3.59E-08	-4.22369	0.158	0.225	0.000675	Plasma cel S100A9
5156	FCRLA.2	3.69E-08	-0.64648	0.316	0.174	0.000694	Plasma cel FCRLA
5157	RHOC.1	4.29E-08	-0.45999	0.041	0.109	0.000806	Plasma cel RHOC
5158	HLA-DRB1.	4.47E-08	-1.64022	0.869	0.427	0.00084	Plasma cel HLA-DRB1
5159	WASHC4	4.67E-08	-0.44019	0.358	0.197	0.000877	Plasma cel WASHC4
5160	TMOD3.1	4.68E-08	-0.4295	0.45	0.244	0.000879	Plasma cel TMOD3
5161	LSM14A.1	4.94E-08	-0.43552	0.7	0.354	0.000927	Plasma cel LSM14A
5162	TGFBR2.1	5.05E-08	-0.70642	0.197	0.25	0.000948	Plasma cel TGFBR2
5163	VPS13C	5.12E-08	-0.43852	0.374	0.205	0.000962	Plasma cel VPS13C
5164	FERMT3.1	5.16E-08	-0.45392	0.729	0.367	0.00097	Plasma cel FERMT3
5165	EPSTI1.1	5.18E-08	-0.28439	0.246	0.135	0.000974	Plasma cel EPSTI1
5166	RPS4Y1	5.34E-08	-1.56695	0.559	0.447	0.001004	Plasma cel RPS4Y1
5167	PPP1R12A	5.68E-08	-0.47726	0.543	0.287	0.001066	Plasma cel PPP1R12A
5168	STMP1.2	5.89E-08	-0.41786	0.723	0.364	0.001107	Plasma cel STMP1
5169	LEPROTL1.	5.96E-08	-1.06246	0.716	0.499	0.00112	Plasma cel LEPROTL1
5170	CTDSP1.1	6.04E-08	-0.37184	0.321	0.177	0.001135	Plasma cel CTDSP1
5171	RSL1D1.2	6.89E-08	-0.68284	0.81	0.552	0.001295	Plasma cel RSL1D1
5172	C19orf70	6.94E-08	-0.28623	0.837	0.418	0.001303	Plasma cel C19orf70
5173	MYO1G.1	6.95E-08	-0.49204	0.493	0.267	0.001305	Plasma cel MYO1G
5174	RBL2.2	7.24E-08	-0.94805	0.431	0.385	0.00136	Plasma cel RBL2
5175	STX4	7.44E-08	-0.28377	0.236	0.129	0.001398	Plasma cel STX4
5176	HIST1H4C.	7.64E-08	1.485281	0.86	0.635	0.001436	Plasma cel HIST1H4C

5177	NAAA.1	7.67E-08	-0.41408	0.34	0.188	0.001442	Plasma cel NAAA
5178	MCUB.2	7.75E-08	-0.77283	0.711	0.513	0.001457	Plasma cel MCUB
5179	MED10.1	9.52E-08	-0.3875	0.706	0.359	0.001788	Plasma cel MED10
5180	ARID4A	9.55E-08	-0.33024	0.266	0.147	0.001794	Plasma cel ARID4A
5181	P2RY8.1	9.77E-08	-0.46207	0.365	0.201	0.001836	Plasma cel P2RY8
5182	KRCC1	1.07E-07	-0.35219	0.307	0.171	0.002008	Plasma cel KRCC1
5183	BLOC1S2	1.14E-07	-0.53471	0.535	0.284	0.002138	Plasma cel BLOC1S2
5184	LASP1.1	1.15E-07	-0.33776	0.277	0.153	0.002158	Plasma cel LASP1
5185	PARP14.1	1.23E-07	-0.26391	0.202	0.11	0.002309	Plasma cel PARP14
5186	TRAC.2	1.30E-07	-0.89945	0.246	0.281	0.002444	Plasma cel TRAC
5187	DNAJB6.1	1.35E-07	-0.48564	0.527	0.282	0.002535	Plasma cel DNAJB6
5188	GOLGA7	1.40E-07	-0.48329	0.516	0.276	0.002628	Plasma cel GOLGA7
5189	IRF8	1.67E-07	-0.73884	0.103	0.169	0.003136	Plasma cel IRF8
5190	SSU72	1.81E-07	-0.27054	0.851	0.434	0.003395	Plasma cel SSU72
5191	RASA3.2	1.84E-07	-0.41836	0.36	0.201	0.003462	Plasma cel RASA3
5192	KLHL24	1.85E-07	-0.2762	0.222	0.122	0.003475	Plasma cel KLHL24
5193	CIB1.1	1.92E-07	-0.83075	0.739	0.514	0.00361	Plasma cel CIB1
5194	CCDC107.1	2.22E-07	-0.5043	0.512	0.277	0.004169	Plasma cel CCDC107
5195	CBLL1.1	2.24E-07	-0.32789	0.25	0.139	0.004203	Plasma cel CBLL1
5196	FAM208A	2.24E-07	-0.34356	0.264	0.148	0.00421	Plasma cel FAM208A
5197	MFNG.1	2.26E-07	-0.46203	0.624	0.327	0.004244	Plasma cel MFNG
5198	DGUOK	2.28E-07	-0.30954	0.793	0.406	0.004277	Plasma cel DGUOK
5199	ARL2.1	2.32E-07	-0.30677	0.246	0.137	0.004353	Plasma cel ARL2
5200	BNIP3.1	2.48E-07	-0.36381	0.305	0.171	0.004655	Plasma cel BNIP3
5201	SPINT2.1	2.59E-07	-0.37204	0.472	0.263	0.004858	Plasma cel SPINT2
5202	RBMX.2	2.78E-07	-0.38246	0.683	0.358	0.005222	Plasma cel RBMX
5203	CDC40	2.84E-07	-0.42594	0.385	0.214	0.005343	Plasma cel CDC40
5204	METTL26.1	2.85E-07	-0.27103	0.819	0.418	0.005351	Plasma cel METTL26
5205	RNF44	2.93E-07	-0.57483	0.138	0.199	0.005495	Plasma cel RNF44
5206	AP002387.	2.95E-07	-0.2672	0.202	0.111	0.005538	Plasma cel AP002387.2
5207	CD28.1	2.97E-07	-0.35359	0.044	0.107	0.005574	Plasma cel CD28
5208	VASP.1	3.16E-07	-0.46986	0.399	0.221	0.005939	Plasma cel VASP
5209	EMP3.2	3.78E-07	-0.46453	0.979	0.787	0.007095	Plasma cel EMP3
5210	PTBP3	3.85E-07	-0.39965	0.326	0.184	0.007228	Plasma cel PTBP3
5211	HLA-DOB.1	3.87E-07	-0.55914	0.06	0.124	0.007266	Plasma cel HLA-DOB
5212	PLCG1.1	4.01E-07	-0.34498	0.043	0.104	0.007529	Plasma cel PLCG1
5213	PPIG	4.18E-07	-0.37076	0.729	0.376	0.007858	Plasma cel PPIG
5214	TIMP1.1	4.31E-07	-1.13499	0.184	0.237	0.008089	Plasma cel TIMP1
5215	DPEP2	4.32E-07	-0.45313	0.085	0.15	0.008122	Plasma cel DPEP2
5216	UBE2D3.1	4.58E-07	-0.34497	0.926	0.684	0.008607	Plasma cel UBE2D3
5217	TUBA4A.2	4.63E-07	-0.25063	0.727	0.406	0.008692	Plasma cel TUBA4A
5218	SWAP70.1	4.80E-07	-0.51385	0.298	0.168	0.009017	Plasma cel SWAP70
5219	SP140L.1	5.31E-07	-0.42029	0.344	0.194	0.009979	Plasma cel SP140L
5220	SQSTM1	5.35E-07	-0.28237	0.849	0.436	0.010058	Plasma cel SQSTM1
5221	N4BP2L2.1	5.40E-07	-0.86131	0.67	0.484	0.010152	Plasma cel N4BP2L2
5222	STAT4.1	5.59E-07	-0.42591	0.059	0.121	0.010499	Plasma cel STAT4
5223	EPB41L4A-	5.98E-07	-0.37764	0.31	0.176	0.011233	Plasma cel EPB41L4A-AS1

5224	HERC1	6.08E-07	-0.30679	0.236	0.133	0.011427	Plasma cel	HERC1
5225	CREB1	6.54E-07	-0.35293	0.293	0.166	0.012284	Plasma cel	CREB1
5226	IGBP1.1	6.67E-07	-0.45036	0.741	0.376	0.012535	Plasma cel	IGBP1
5227	GBP1.1	6.73E-07	-0.42672	0.067	0.129	0.012644	Plasma cel	GBP1
5228	ZNF428.2	6.90E-07	-0.51778	0.613	0.323	0.01296	Plasma cel	ZNF428
5229	EIF3D.2	7.04E-07	-0.59438	0.844	0.556	0.013232	Plasma cel	EIF3D
5230	PDCD4.1	7.54E-07	-0.88216	0.461	0.395	0.014169	Plasma cel	PDCD4
5231	RHOH.2	7.69E-07	-0.9948	0.622	0.457	0.014446	Plasma cel	RHOH
5232	SMIM29	7.77E-07	-0.39333	0.314	0.179	0.0146	Plasma cel	SMIM29
5233	SIT1.2	7.82E-07	-0.50583	0.452	0.251	0.014694	Plasma cel	SIT1
5234	SLC2A3.2	7.85E-07	-0.72045	0.172	0.223	0.01474	Plasma cel	SLC2A3
5235	SMDT1.1	8.97E-07	-0.37655	0.961	0.678	0.016854	Plasma cel	SMDT1
5236	GPR65.1	9.09E-07	-0.59553	0.129	0.187	0.017079	Plasma cel	GPR65
5237	SCAF11	9.13E-07	-0.52228	0.583	0.311	0.017158	Plasma cel	SCAF11
5238	MBP	9.54E-07	-0.84561	0.3	0.307	0.017927	Plasma cel	MBP
5239	CSK.1	9.71E-07	-0.76206	0.69	0.499	0.018241	Plasma cel	CSK
5240	ESD.1	9.86E-07	-0.43472	0.491	0.271	0.018527	Plasma cel	ESD
5241	AKTIP.1	1.00E-06	-0.28168	0.2	0.112	0.018776	Plasma cel	AKTIP
5242	HBB.1	1.03E-06	-1.2498	0.154	0.086	0.019431	Plasma cel	HBB
5243	DUSP1.1	1.04E-06	-1.35953	0.186	0.232	0.019591	Plasma cel	DUSP1
5244	MGST3.2	1.05E-06	-0.43489	0.44	0.246	0.019762	Plasma cel	MGST3
5245	EBLN3P.1	1.06E-06	-0.48001	0.394	0.222	0.019868	Plasma cel	EBLN3P
5246	PARP8.1	1.06E-06	-0.50575	0.096	0.156	0.019902	Plasma cel	PARP8
5247	LAT2.1	1.17E-06	-0.58861	0.376	0.214	0.021986	Plasma cel	LAT2
5248	EIF1B.1	1.19E-06	-0.46285	0.718	0.368	0.022315	Plasma cel	EIF1B
5249	TSTD1.1	1.30E-06	-0.82511	0.78	0.52	0.024394	Plasma cel	TSTD1
5250	SUSD3.2	1.34E-06	-0.49422	0.408	0.229	0.025083	Plasma cel	SUSD3
5251	CDC37	1.48E-06	-0.48237	0.89	0.593	0.027742	Plasma cel	CDC37
5252	GCA.1	1.48E-06	-0.78033	0.355	0.201	0.027788	Plasma cel	GCA
5253	ANKZF1	1.54E-06	-0.28529	0.213	0.121	0.02892	Plasma cel	ANKZF1
5254	SRSF11.1	1.57E-06	-0.33616	0.8	0.416	0.029514	Plasma cel	SRSF11
5255	STX10.1	1.61E-06	-0.50724	0.468	0.259	0.030304	Plasma cel	STX10
5256	MSL3	1.65E-06	-0.40098	0.349	0.2	0.031044	Plasma cel	MSL3
5257	NUMA1	1.83E-06	-0.32185	0.246	0.141	0.034435	Plasma cel	NUMA1
5258	RSRP1	1.86E-06	-0.83273	0.66	0.476	0.034857	Plasma cel	RSRP1
5259	BLVRB.1	1.95E-06	-0.45845	0.236	0.135	0.036584	Plasma cel	BLVRB
5260	HPCAL1	2.07E-06	-0.45205	0.479	0.266	0.038802	Plasma cel	HPCAL1
5261	AP1G2.1	2.18E-06	-0.4818	0.445	0.249	0.040959	Plasma cel	AP1G2
5262	TRIR	2.23E-06	-0.57964	0.842	0.565	0.04193	Plasma cel	TRIR
5263	MFSD10	2.29E-06	-0.53685	0.514	0.281	0.042985	Plasma cel	MFSD10
5264	VAMP2.1	2.31E-06	-0.91611	0.493	0.403	0.043314	Plasma cel	VAMP2
5265	SDR39U1.1	2.31E-06	-0.53651	0.603	0.321	0.043366	Plasma cel	SDR39U1
5266	SMG1	2.43E-06	-0.42295	0.348	0.2	0.045573	Plasma cel	SMG1
5267	KAT6A	2.43E-06	-0.25481	0.193	0.11	0.045682	Plasma cel	KAT6A
5268	GABPB1-AS1	2.44E-06	-0.38832	0.305	0.177	0.045804	Plasma cel	GABPB1-AS1
5269	UVRAG	2.44E-06	-0.42698	0.316	0.182	0.045885	Plasma cel	UVRAG
5270	S1PR1.2	2.52E-06	-0.91929	0.434	0.375	0.047252	Plasma cel	S1PR1

5271	STXBP2.1	2.54E-06	-1.1132	0.319	0.185	0.047767	Plasma cel	STXBP2
5272	VSIR.1	2.57E-06	-0.56738	0.78	0.399	0.048295	Plasma cel	VSIR
5527	MS4A1.3	0	4.108237	0.973	0.027		0 B cells	MS4A1
5528	CD74.3	0	4.10443	1	0.745		0 B cells	CD74
5529	HLA-DRA.2	0	3.884496	0.999	0.196		0 B cells	HLA-DRA
5530	CD79A.2	0	3.775909	0.979	0.074		0 B cells	CD79A
5531	TCL1A.3	0	3.5872	0.735	0.021		0 B cells	TCL1A
5532	HLA-DRB5.	0	3.148013	0.935	0.204		0 B cells	HLA-DRB5
5533	HLA-DPB1	0	3.10805	0.985	0.269		0 B cells	HLA-DPB1
5534	HLA-DPA1.	0	3.106179	0.992	0.275		0 B cells	HLA-DPA1
5535	HLA-DRB1.	0	3.052601	0.994	0.237		0 B cells	HLA-DRB1
5536	HLA-DQA1	0	2.89908	0.879	0.068		0 B cells	HLA-DQA1
5537	HLA-DQA2	0	2.867324	0.651	0.062		0 B cells	HLA-DQA2
5538	HLA-DQB1	0	2.843734	0.896	0.091		0 B cells	HLA-DQB1
5539	CD79B.3	0	2.812785	0.873	0.113		0 B cells	CD79B
5540	VPREB3.3	0	2.566763	0.686	0.015		0 B cells	VPREB3
5541	BANK1.1	0	2.493762	0.752	0.02		0 B cells	BANK1
5542	IGHM.2	0	2.48239	0.845	0.055		0 B cells	IGHM
5543	CD37.2	0	2.467243	0.998	0.855		0 B cells	CD37
5544	HLA-DMA.	0	2.46696	0.881	0.158		0 B cells	HLA-DMA
5545	IGHV4-34.	0	2.466237	0.103	0.009		0 B cells	IGHV4-34
5546	LINC00926	0	2.366143	0.697	0.015		0 B cells	LINC00926
5547	HVCN1.3	0	2.305229	0.754	0.12		0 B cells	HVCN1
5548	FCER2.3	0	2.29686	0.602	0.013		0 B cells	FCER2
5549	CD19.3	0	2.283233	0.689	0.024		0 B cells	CD19
5550	FCRLA.3	0	2.189305	0.637	0.015		0 B cells	FCRLA
5551	FAM129C.	0	2.140342	0.632	0.015		0 B cells	FAM129C
5552	RALGPS2.2	0	2.075138	0.647	0.059		0 B cells	RALGPS2
5553	IGLC3.2	0	1.985561	0.327	0.016		0 B cells	IGLC3
5554	CD72.3	0	1.970323	0.54	0.022		0 B cells	CD72
5555	PLPP5.2	0	1.932578	0.574	0.086		0 B cells	PLPP5
5556	MEF2C.2	0	1.836652	0.577	0.084		0 B cells	MEF2C
5557	SNX2	0	1.772772	0.793	0.293		0 B cells	SNX2
5558	IGKV3-20.1	0	1.725238	0.11	0.023		0 B cells	IGKV3-20
5559	HLA-DMB.	0	1.70963	0.581	0.065		0 B cells	HLA-DMB
5560	IGHD.2	0	1.691388	0.458	0.014		0 B cells	IGHD
5561	NCF1.3	0	1.655144	0.889	0.344		0 B cells	NCF1
5562	CD40.3	0	1.640537	0.498	0.034		0 B cells	CD40
5563	CD24.2	0	1.62312	0.434	0.008		0 B cells	CD24
5564	CYB561A3.	0	1.605405	0.571	0.133		0 B cells	CYB561A3
5565	PDLIM1.2	0	1.598495	0.557	0.053		0 B cells	PDLIM1
5566	IGHV5-78.	0	1.598089	0.432	0.01		0 B cells	IGHV5-78
5567	BLK.3	0	1.592727	0.483	0.016		0 B cells	BLK
5568	HLA-DOB.2	0	1.53141	0.448	0.01		0 B cells	HLA-DOB
5569	SWAP70.2	0	1.527802	0.5	0.055		0 B cells	SWAP70
5570	IGLC2.2	0	1.471823	0.326	0.025		0 B cells	IGLC2
5571	FCRL1.1	0	1.470389	0.42	0.01		0 B cells	FCRL1

5572 IRF8.1	0	1.468139	0.479	0.06	0 B cells	IRF8
5573 RUBCNL.1	0	1.460829	0.44	0.02	0 B cells	RUBCNL
5574 CD22.2	0	1.433775	0.407	0.008	0 B cells	CD22
5575 SMIM14.2	0	1.425707	0.465	0.085	0 B cells	SMIM14
5576 IGLL5.1	0	1.415996	0.288	0.019	0 B cells	IGLL5
5577 TSPAN13.1	0	1.358891	0.384	0.02	0 B cells	TSPAN13
5578 BLNK.1	0	1.332536	0.397	0.021	0 B cells	BLNK
5579 NAPSA.3	0	1.328872	0.448	0.071	0 B cells	NAPSA
5580 IGHV3-23.1	0	1.319797	0.121	0.013	0 B cells	IGHV3-23
5581 EAF2.1	0	1.308052	0.425	0.071	0 B cells	EAF2
5582 SYNGR2.1	0	1.307905	0.775	0.423	0 B cells	SYNGR2
5583 FAM30A.3	0	1.307798	0.313	0.018	0 B cells	FAM30A
5584 LAT2.2	0	1.299389	0.503	0.115	0 B cells	LAT2
5585 IGKC.2	0	1.299305	0.476	0.05	0 B cells	IGKC
5586 CALHM6.2	0	1.287584	0.516	0.122	0 B cells	CALHM6
5587 CXCR4.3	0	1.28608	0.547	0.249	0 B cells	CXCR4
5588 STX7.1	0	1.281343	0.487	0.128	0 B cells	STX7
5589 PPP1R14A.1	0	1.281155	0.302	0.02	0 B cells	PPP1R14A
5590 SYPL1.3	0	1.257495	0.637	0.27	0 B cells	SYPL1
5591 TCF4.2	0	1.238322	0.38	0.036	0 B cells	TCF4
5592 PLD4.1	0	1.218582	0.337	0.023	0 B cells	PLD4
5593 HERPUD1.1	0	1.202362	0.574	0.278	0 B cells	HERPUD1
5594 LINC02397	0	1.198233	0.316	0.008	0 B cells	LINC02397
5595 BTK.1	0	1.195149	0.415	0.068	0 B cells	BTK
5596 AFF3.2	0	1.178195	0.358	0.032	0 B cells	AFF3
5597 EZR.1	0	1.148425	0.608	0.358	0 B cells	EZR
5598 PTPN6.2	0	1.137504	0.784	0.541	0 B cells	PTPN6
5599 POLD4.1	0	1.130086	0.751	0.478	0 B cells	POLD4
5600 ADAM28.1	0	1.122967	0.289	0.014	0 B cells	ADAM28
5601 TSPAN3.3	0	1.121128	0.447	0.124	0 B cells	TSPAN3
5602 LY86.2	0	1.109441	0.406	0.076	0 B cells	LY86
5603 FCMR.3	0	1.105683	0.788	0.503	0 B cells	FCMR
5604 CD180	0	1.103269	0.313	0.027	0 B cells	CD180
5605 CXXC5.3	0	1.099756	0.365	0.062	0 B cells	CXXC5
5606 GAPT.1	0	1.087198	0.309	0.03	0 B cells	GAPT
5607 ALOX5.3	0	1.081894	0.419	0.093	0 B cells	ALOX5
5608 SPIB	0	1.077812	0.293	0.008	0 B cells	SPIB
5609 SYK.1	0	1.07722	0.403	0.103	0 B cells	SYK
5610 CD52.3	0	1.06181	0.955	0.78	0 B cells	CD52
5611 BIRC3.1	0	1.057529	0.375	0.095	0 B cells	BIRC3
5612 BACH2.2	0	1.050038	0.386	0.137	0 B cells	BACH2
5613 CDCA7L.2	0	1.030192	0.373	0.09	0 B cells	CDCA7L
5614 LAPTM5.2	0	1.016265	0.94	0.846	0 B cells	LAPTM5
5615 RCSD1	0	1.009595	0.618	0.365	0 B cells	RCSD1
5616 POU2F2.2	0	1.003777	0.449	0.161	0 B cells	POU2F2
5617 FCGR2B.1	0	1.002639	0.297	0.033	0 B cells	FCGR2B
5618 HHEX.1	0	0.993237	0.315	0.047	0 B cells	HHEX

5619 PKIG	0	0.987257	0.284	0.017	0 B cells	PKIG
5620 LYN.2	0	0.98305	0.487	0.149	0 B cells	LYN
5621 GNG7.2	0	0.97813	0.294	0.032	0 B cells	GNG7
5622 QRSL1.2	0	0.967	0.321	0.063	0 B cells	QRSL1
5623 CD82.1	0	0.965559	0.375	0.122	0 B cells	CD82
5624 ID3.2	0	0.96477	0.374	0.146	0 B cells	ID3
5625 POU2AF1.2	0	0.960822	0.296	0.025	0 B cells	POU2AF1
5626 PLEKHF2.2	0	0.958496	0.361	0.105	0 B cells	PLEKHF2
5627 BCL11A.1	0	0.955826	0.288	0.025	0 B cells	BCL11A
5628 PNOC	0	0.955697	0.261	0.016	0 B cells	PNOC
5629 RNASE6.1	0	0.936053	0.275	0.054	0 B cells	RNASE6
5630 PAX5	0	0.930621	0.252	0.006	0 B cells	PAX5
5631 IL4R.2	0	0.927555	0.32	0.155	0 B cells	IL4R
5632 IFNGR2.2	0	0.921463	0.561	0.245	0 B cells	IFNGR2
5633 SHMT2.2	0	0.921294	0.49	0.229	0 B cells	SHMT2
5634 TNFRSF13C	0	0.920323	0.256	0.009	0 B cells	TNFRSF13C
5635 IGHG2.1	0	0.91997	0.2	0.009	0 B cells	IGHG2
5636 MARCH1.2	0	0.915634	0.303	0.058	0 B cells	Mar-01
5637 CCR6	0	0.904772	0.249	0.017	0 B cells	CCR6
5638 SNX3.1	0	0.899113	0.695	0.478	0 B cells	SNX3
5639 CD83	0	0.888592	0.218	0.023	0 B cells	CD83
5640 ORAI2	0	0.877944	0.31	0.075	0 B cells	ORAI2
5641 ADK.1	0	0.872771	0.357	0.16	0 B cells	ADK
5642 CXCR5	0	0.872158	0.237	0.01	0 B cells	CXCR5
5643 TPD52.2	0	0.866153	0.281	0.059	0 B cells	TPD52
5644 HLA-DOA	0	0.847649	0.237	0.017	0 B cells	HLA-DOA
5645 CIITA	0	0.835335	0.245	0.023	0 B cells	CIITA
5646 CD1C	0	0.835063	0.186	0.008	0 B cells	CD1C
5647 MTSS1.2	0	0.833825	0.32	0.09	0 B cells	MTSS1
5648 TLR10	0	0.822101	0.226	0.007	0 B cells	TLR10
5649 SNHG7.3	0	0.818762	0.41	0.223	0 B cells	SNHG7
5650 GGA2	0	0.808184	0.298	0.08	0 B cells	GGA2
5651 C16orf74.1	0	0.806556	0.251	0.058	0 B cells	C16orf74
5652 BTLA.1	0	0.80328	0.238	0.045	0 B cells	BTLA
5653 ZCCHC7.2	0	0.80228	0.377	0.164	0 B cells	ZCCHC7
5654 SP140.2	0	0.800907	0.31	0.095	0 B cells	SP140
5655 PARP1.2	0	0.7919	0.506	0.29	0 B cells	PARP1
5656 ZFP36L1.2	0	0.790126	0.68	0.49	0 B cells	ZFP36L1
5657 LTB.3	0	0.789801	0.964	0.754	0 B cells	LTB
5658 FCRL2	0	0.788312	0.201	0.01	0 B cells	FCRL2
5659 SP100.2	0	0.784107	0.619	0.422	0 B cells	SP100
5660 ARHGAP17	0	0.778947	0.325	0.113	0 B cells	ARHGAP17
5661 PLCG2	0	0.77846	0.273	0.061	0 B cells	PLCG2
5662 CCDC50	0	0.775613	0.265	0.06	0 B cells	CCDC50
5663 SNX22	0	0.764002	0.199	0.008	0 B cells	SNX22
5664 NT5C.2	0	0.743369	0.528	0.324	0 B cells	NT5C
5665 ANXA4	0	0.740599	0.286	0.106	0 B cells	ANXA4

5666 FAM3C.1	0	0.739524	0.226	0.058	0 B cells	FAM3C
5667 STAP1	0	0.736731	0.204	0.016	0 B cells	STAP1
5668 UVRAG.1	0	0.735306	0.328	0.133	0 B cells	UVRAG
5669 SCIMP.3	0	0.735021	0.224	0.058	0 B cells	SCIMP
5670 PLEKHA2	0	0.732781	0.243	0.068	0 B cells	PLEKHA2
5671 JUP.1	0	0.72704	0.188	0.015	0 B cells	JUP
5672 IFT57.1	0	0.726751	0.279	0.102	0 B cells	IFT57
5673 BCL7A	0	0.723579	0.203	0.029	0 B cells	BCL7A
5674 REL.2	0	0.722999	0.378	0.181	0 B cells	REL
5675 TSTD1.2	0	0.713672	0.64	0.482	0 B cells	TSTD1
5676 CTSB.3	0	0.71039	0.29	0.109	0 B cells	CTSH
5677 ISG20.3	0	0.709126	0.693	0.516	0 B cells	ISG20
5678 SMARCB1.	0	0.708496	0.454	0.271	0 B cells	SMARCB1
5679 SH3BP5.1	0	0.705329	0.382	0.186	0 B cells	SH3BP5
5680 CD9	0	0.704219	0.178	0.041	0 B cells	CD9
5681 BTG2.1	0	0.70399	0.428	0.233	0 B cells	BTG2
5682 MZB1.3	0	0.702003	0.357	0.037	0 B cells	MZB1
5683 FCHSD2	0	0.695076	0.233	0.057	0 B cells	FCHSD2
5684 IGHG3.1	0	0.692216	0.15	0.008	0 B cells	IGHG3
5685 KIAA0040	0	0.690509	0.295	0.124	0 B cells	KIAA0040
5686 BLOC1S2.1	0	0.69032	0.414	0.243	0 B cells	BLOC1S2
5687 PLEKHG1	0	0.690293	0.191	0.007	0 B cells	PLEKHG1
5688 COL19A1	0	0.681422	0.166	0.004	0 B cells	COL19A1
5689 FGD2.1	0	0.680917	0.218	0.045	0 B cells	FGD2
5690 DRAM2.1	0	0.675237	0.349	0.178	0 B cells	DRAM2
5691 LHPP.2	0	0.674801	0.261	0.123	0 B cells	LHPP
5692 WASHC4.1	0	0.670499	0.324	0.155	0 B cells	WASHC4
5693 ARHGAP24	0	0.670336	0.186	0.02	0 B cells	ARHGAP24
5694 PPM1K.2	0	0.669987	0.328	0.15	0 B cells	PPM1K
5695 FAM96A.1	0	0.666604	0.48	0.308	0 B cells	FAM96A
5696 RNF141.2	0	0.666286	0.277	0.112	0 B cells	RNF141
5697 TMEM154.	0	0.665919	0.283	0.111	0 B cells	TMEM154
5698 RPL22L1.3	0	0.663142	0.582	0.422	0 B cells	RPL22L1
5699 CLEC17A	0	0.658899	0.171	0.004	0 B cells	CLEC17A
5700 EBLN3P.2	0	0.654713	0.346	0.181	0 B cells	EBLN3P
5701 APPL1	0	0.652451	0.339	0.173	0 B cells	APPL1
5702 SYVN1.2	0	0.651313	0.255	0.093	0 B cells	SYVN1
5703 CHCHD10.	0	0.64583	0.56	0.395	0 B cells	CHCHD10
5704 SPINT2.2	0	0.638561	0.399	0.22	0 B cells	SPINT2
5705 AC007384.	0	0.63598	0.185	0.032	0 B cells	AC007384.1
5706 CD200.1	0	0.635162	0.152	0.013	0 B cells	CD200
5707 LMBRD1.1	0	0.631796	0.41	0.247	0 B cells	LMBRD1
5708 ELOVL5.1	0	0.629229	0.414	0.249	0 B cells	ELOVL5
5709 SEC62.1	0	0.622915	0.61	0.495	0 B cells	SEC62
5710 MBD4	0	0.622048	0.341	0.179	0 B cells	MBD4
5711 CAMK2D.1	0	0.620188	0.227	0.074	0 B cells	CAMK2D
5712 PXK.1	0	0.617824	0.252	0.089	0 B cells	PXK

5713 BTG1.3	0	0.617238	0.937	0.862	0 B cells	BTG1
5714 SMC6	0	0.610959	0.228	0.073	0 B cells	SMC6
5715 CPNE5.1	0	0.608852	0.171	0.017	0 B cells	CPNE5
5716 C11orf24.1	0	0.608154	0.217	0.069	0 B cells	C11orf24
5717 RB1	0	0.601412	0.266	0.12	0 B cells	RB1
5718 CCDC32.2	0	0.601368	0.263	0.124	0 B cells	CCDC32
5719 RAB30	0	0.600564	0.189	0.04	0 B cells	RAB30
5720 GUCD1	0	0.600482	0.206	0.056	0 B cells	GUCD1
5721 CAPG.3	0	0.599257	0.365	0.158	0 B cells	CAPG
5722 P2RY10.1	0	0.591761	0.225	0.077	0 B cells	P2RY10
5723 KMO	0	0.583863	0.157	0.015	0 B cells	KMO
5724 PARP15.1	0	0.580544	0.228	0.072	0 B cells	PARP15
5725 NCF4.2	0	0.578892	0.304	0.113	0 B cells	NCF4
5726 ZNF296	0	0.574466	0.178	0.033	0 B cells	ZNF296
5727 TMEM156.	0	0.573553	0.222	0.081	0 B cells	TMEM156
5728 GDI2	0	0.573055	0.647	0.532	0 B cells	GDI2
5729 KHDRBS2	0	0.569359	0.137	0.004	0 B cells	KHDRBS2
5730 HS3ST1	0	0.567619	0.129	0.003	0 B cells	HS3ST1
5731 FADS3	0	0.566869	0.145	0.009	0 B cells	FADS3
5732 AL161781.	0	0.565198	0.127	0.002	0 B cells	AL161781.2
5733 PCDH9	0	0.563458	0.121	0.004	0 B cells	PCDH9
5734 PHACTR1	0	0.558146	0.147	0.015	0 B cells	PHACTR1
5735 DERL3.1	0	0.557417	0.187	0.026	0 B cells	DERL3
5736 AGPAT5.1	0	0.551416	0.188	0.063	0 B cells	AGPAT5
5737 LSM7.2	0	0.550395	0.722	0.614	0 B cells	LSM7
5738 FCRL5.1	0	0.547115	0.132	0.013	0 B cells	FCRL5
5739 SNX29.1	0	0.545908	0.216	0.085	0 B cells	SNX29
5740 HDAC9	0	0.542888	0.152	0.021	0 B cells	HDAC9
5741 HSH2D.1	0	0.541932	0.281	0.134	0 B cells	HSH2D
5742 LINC01480	0	0.539402	0.118	0.01	0 B cells	LINC01480
5743 CAMK1D	0	0.53663	0.239	0.098	0 B cells	CAMK1D
5744 TRAF4	0	0.535843	0.163	0.034	0 B cells	TRAF4
5745 HIP1R	0	0.532487	0.191	0.054	0 B cells	HIP1R
5746 SEMA4B	0	0.530816	0.156	0.023	0 B cells	SEMA4B
5747 LIMD2.3	0	0.529177	0.964	0.915	0 B cells	LIMD2
5748 KDM4B	0	0.52773	0.179	0.045	0 B cells	KDM4B
5749 IKZF3.2	0	0.526614	0.264	0.121	0 B cells	IKZF3
5750 ADAM19	0	0.524957	0.153	0.026	0 B cells	ADAM19
5751 CD81	0	0.522197	0.187	0.057	0 B cells	CD81
5752 TUBB6.1	0	0.519855	0.143	0.019	0 B cells	TUBB6
5753 BCAS4.2	0	0.519716	0.236	0.1	0 B cells	BCAS4
5754 CNR2	0	0.51496	0.139	0.007	0 B cells	CNR2
5755 UBE2E2	0	0.512085	0.187	0.064	0 B cells	UBE2E2
5756 DAPP1	0	0.510092	0.189	0.066	0 B cells	DAPP1
5757 RFX5	0	0.509807	0.204	0.079	0 B cells	RFX5
5758 COBLL1.1	0	0.505598	0.135	0.013	0 B cells	COBLL1
5759 CR2	0	0.498922	0.143	0.027	0 B cells	CR2

5760 SEL1L3.1	0	0.498782	0.161	0.039	0 B cells	SEL1L3
5761 ARPC3.2	0	0.49633	0.953	0.89	0 B cells	ARPC3
5762 WDFY4	0	0.489225	0.142	0.017	0 B cells	WDFY4
5763 BEND5	0	0.488242	0.149	0.029	0 B cells	BEND5
5764 UCP2.3	0	0.484989	0.84	0.759	0 B cells	UCP2
5765 Mar-03	0	0.479858	0.153	0.039	0 B cells	Mar-03
5766 DBNDD1	0	0.479486	0.104	0.008	0 B cells	DBNDD1
5767 LINC01857	0	0.476238	0.112	0.002	0 B cells	LINC01857
5768 TFEB	0	0.473151	0.159	0.037	0 B cells	TFEB
5769 KLHL14.1	0	0.470698	0.116	0.008	0 B cells	KLHL14
5770 RPS11.2	0	0.469578	0.859	0.798	0 B cells	RPS11
5771 WDR34	0	0.464789	0.144	0.031	0 B cells	WDR34
5772 TAGLN2.2	0	0.460059	0.834	0.751	0 B cells	TAGLN2
5773 STRBP	0	0.45996	0.14	0.032	0 B cells	STRBP
5774 TNFRSF13E	0	0.456262	0.126	0.014	0 B cells	TNFRSF13B
5775 PIP5K1B	0	0.45611	0.127	0.02	0 B cells	PIP5K1B
5776 METTL7A.1	0	0.453298	0.153	0.047	0 B cells	METTL7A
5777 TCTN1	0	0.447827	0.118	0.024	0 B cells	TCTN1
5778 RPL8.2	0	0.445598	1	0.989	0 B cells	RPL8
5779 EBF1	0	0.440796	0.115	0.002	0 B cells	EBF1
5780 LARGE2	0	0.436702	0.104	0.003	0 B cells	LARGE2
5781 AC007569.	0	0.435265	0.111	0.007	0 B cells	AC007569.1
5782 RPL18A.2	0	0.430176	1	0.989	0 B cells	RPL18A
5783 P2RX5	0	0.41659	0.112	0.012	0 B cells	P2RX5
5784 MT-CO2	0	0.413895	1	0.997	0 B cells	MT-CO2
5785 AC012236.	0	0.40971	0.106	0.015	0 B cells	AC012236.1
5786 CLIC4.1	0	0.406851	0.121	0.029	0 B cells	CLIC4
5787 AC104971.	0	0.398442	0.106	0.011	0 B cells	AC104971.3
5788 CLECL1.1	0	0.377456	0.11	0.023	0 B cells	CLECL1
5789 SIGLEC10.1	0	0.377078	0.139	0.039	0 B cells	SIGLEC10
5790 FAU.2	0	0.374152	1	0.997	0 B cells	FAU
5791 EEF2.3	0	0.366399	0.964	0.925	0 B cells	EEF2
5792 CYBB.3	0	0.316338	0.288	0.127	0 B cells	CYBB
5793 MT-ATP6.2	0	0.314078	0.997	0.992	0 B cells	MT-ATP6
5794 RPS5.3	0	0.290198	1	0.979	0 B cells	RPS5
5795 RPS23.3	0	0.280524	1	0.99	0 B cells	RPS23
5796 FTH1.2	0	-0.27009	0.991	0.978	0 B cells	FTH1
5797 TMSB10.2	0	-0.30951	1	0.996	0 B cells	TMSB10
5798 JCHAIN.2	0	-0.324	0.311	0.041	0 B cells	JCHAIN
5799 RPS14.2	0	-0.33038	0.996	0.99	0 B cells	RPS14
5800 OST4.1	0	-0.39537	0.729	0.875	0 B cells	OST4
5801 PRKCQ.2	0	-0.42482	0.011	0.132	0 B cells	PRKCQ
5802 GIMAP8.2	0	-0.43192	0.01	0.138	0 B cells	GIMAP8
5803 ADA.1	0	-0.43557	0.025	0.167	0 B cells	ADA
5804 OTULINL.2	0	-0.43966	0.01	0.149	0 B cells	OTULINL
5805 CD28.2	0	-0.44676	0.013	0.138	0 B cells	CD28
5806 RORA.1	0	-0.45897	0.012	0.134	0 B cells	RORA

5807	ATP5MG.1	0	-0.45901	0.849	0.944	0	B cells	ATP5MG
5808	TNIK.2	0	-0.46089	0.017	0.15	0	B cells	TNIK
5809	EPHX2.2	0	-0.46444	0.015	0.14	0	B cells	EPHX2
5810	HRH2.1	0	-0.46548	0.004	0.121	0	B cells	HRH2
5811	RNF166.1	0	-0.46605	0.063	0.22	0	B cells	RNF166
5812	IPCEF1.2	0	-0.46841	0.011	0.145	0	B cells	IPCEF1
5813	MYL12B.1	0	-0.47335	0.678	0.837	0	B cells	MYL12B
5814	BCL11B.3	0	-0.47478	0.013	0.14	0	B cells	BCL11B
5815	ATP5MD.2	0	-0.48196	0.452	0.669	0	B cells	ATP5MD
5816	AES.3	0	-0.48466	0.618	0.771	0	B cells	AES
5817	ATP5F1E.2	0	-0.49583	0.938	0.985	0	B cells	ATP5F1E
5818	PTPRC.2	0	-0.49611	0.768	0.885	0	B cells	PTPRC
5819	TNFRSF25.	0	-0.49882	0.019	0.16	0	B cells	TNFRSF25
5820	B2M.3	0	-0.4989	1	0.999	0	B cells	B2M
5821	ITGA6.2	0	-0.49913	0.018	0.155	0	B cells	ITGA6
5822	CRIP1.1	0	-0.50105	0.207	0.445	0	B cells	CRIP1
5823	TMA7.1	0	-0.5026	0.843	0.956	0	B cells	TMA7
5824	UQCR11.2	0	-0.50443	0.596	0.8	0	B cells	UQCR11
5825	SEMA4D	0	-0.50738	0.06	0.221	0	B cells	SEMA4D
5826	DYNLT1.3	0	-0.50753	0.15	0.337	0	B cells	DYNLT1
5827	DGKZ.2	0	-0.50917	0.033	0.197	0	B cells	DGKZ
5828	THEM4.2	0	-0.5127	0.053	0.206	0	B cells	THEM4
5829	GATA3.2	0	-0.51305	0.011	0.15	0	B cells	GATA3
5830	UBASH3A.3	0	-0.51564	0.013	0.163	0	B cells	UBASH3A
5831	RGL4.2	0	-0.53147	0.014	0.149	0	B cells	RGL4
5832	THEMIS.3	0	-0.5329	0.014	0.166	0	B cells	THEMIS
5833	ARPC5.2	0	-0.53937	0.477	0.675	0	B cells	ARPC5
5834	STAT4.2	0	-0.54199	0.013	0.157	0	B cells	STAT4
5835	POLR2L.2	0	-0.54459	0.364	0.598	0	B cells	POLR2L
5836	PITPNC1.2	0	-0.54724	0.041	0.21	0	B cells	PITPNC1
5837	COX8A.2	0	-0.54797	0.477	0.661	0	B cells	COX8A
5838	STOM.1	0	-0.55196	0.015	0.146	0	B cells	STOM
5839	UQCRB.1	0	-0.55702	0.614	0.82	0	B cells	UQCRB
5840	COX6C	0	-0.56768	0.617	0.821	0	B cells	COX6C
5841	DGKA.3	0	-0.57025	0.171	0.373	0	B cells	DGKA
5842	PTGER2.1	0	-0.57172	0.004	0.139	0	B cells	PTGER2
5843	INPP4B.2	0	-0.57381	0.016	0.171	0	B cells	INPP4B
5844	CD40LG.2	0	-0.57442	0.013	0.147	0	B cells	CD40LG
5845	RBL2.3	0	-0.57999	0.227	0.441	0	B cells	RBL2
5846	NELL2.3	0	-0.58338	0.011	0.154	0	B cells	NELL2
5847	IL6ST.2	0	-0.58364	0.048	0.223	0	B cells	IL6ST
5848	LINC02273	0	-0.58468	0.027	0.191	0	B cells	LINC02273
5849	ID2.1	0	-0.58561	0.011	0.168	0	B cells	ID2
5850	SORL1.2	0	-0.58718	0.061	0.237	0	B cells	SORL1
5851	SH2D1A.2	0	-0.58926	0.012	0.172	0	B cells	SH2D1A
5852	CFL1.3	0	-0.58983	0.914	0.966	0	B cells	CFL1
5853	VAMP5.2	0	-0.59131	0.155	0.347	0	B cells	VAMP5

5854	CYTIP.2	0	-0.592	0.321	0.567	0 B cells	CYTIP
5855	EMP3.3	0	-0.59716	0.661	0.834	0 B cells	EMP3
5856	RCAN3.3	0	-0.60465	0.081	0.264	0 B cells	RCAN3
5857	LINC01550	0	-0.60726	0.016	0.185	0 B cells	LINC01550
5858	MYL6.2	0	-0.60836	0.917	0.958	0 B cells	MYL6
5859	AOAH.2	0	-0.60929	0.009	0.17	0 B cells	AOAH
5860	FYN.1	0	-0.61099	0.034	0.206	0 B cells	FYN
5861	MVP.1	0	-0.61125	0.142	0.376	0 B cells	MVP
5862	HMOX2.2	0	-0.61318	0.221	0.456	0 B cells	HMOX2
5863	TPT1.2	0	-0.61377	0.99	0.996	0 B cells	TPT1
5864	GBP5	0	-0.61769	0.043	0.197	0 B cells	GBP5
5865	RNF213.3	0	-0.62631	0.226	0.457	0 B cells	RNF213
5866	CTSD.2	0	-0.63272	0.016	0.154	0 B cells	CTSD
5867	SKAP1.3	0	-0.633	0.19	0.424	0 B cells	SKAP1
5868	GYPC.3	0	-0.63361	0.531	0.723	0 B cells	GYPC
5869	GBP2.2	0	-0.6359	0.043	0.239	0 B cells	GBP2
5870	PRDX2.3	0	-0.63821	0.251	0.497	0 B cells	PRDX2
5871	RAP1B.1	0	-0.63883	0.462	0.681	0 B cells	RAP1B
5872	LDHA.2	0	-0.64044	0.425	0.65	0 B cells	LDHA
5873	TPST2	0	-0.64376	0.103	0.286	0 B cells	TPST2
5874	GLIPR2.2	0	-0.6525	0.061	0.245	0 B cells	GLIPR2
5875	TSPAN14	0	-0.65669	0.082	0.31	0 B cells	TSPAN14
5876	CD4.2	0	-0.65724	0.015	0.202	0 B cells	CD4
5877	MATK.2	0	-0.65845	0.013	0.153	0 B cells	MATK
5878	SATB1.2	0	-0.65867	0.091	0.299	0 B cells	SATB1
5879	DSTN.1	0	-0.66027	0.103	0.332	0 B cells	DSTN
5880	GMFG.3	0	-0.66079	0.589	0.827	0 B cells	GMFG
5881	GLRX.1	0	-0.66087	0.191	0.419	0 B cells	GLRX
5882	GIMAP5.3	0	-0.66326	0.017	0.204	0 B cells	GIMAP5
5883	LRRN3.3	0	-0.6682	0.012	0.164	0 B cells	LRRN3
5884	CD96.3	0	-0.66825	0.042	0.247	0 B cells	CD96
5885	SPOCK2.3	0	-0.66927	0.169	0.382	0 B cells	SPOCK2
5886	C12orf57.2	0	-0.67027	0.637	0.799	0 B cells	C12orf57
5887	NDUFS5.2	0	-0.6726	0.34	0.623	0 B cells	NDUFS5
5888	TMEM204.	0	-0.67702	0.029	0.228	0 B cells	TMEM204
5889	ATP1A1.1	0	-0.67762	0.107	0.347	0 B cells	ATP1A1
5890	CCND3.2	0	-0.67922	0.381	0.659	0 B cells	CCND3
5891	ARL4C.3	0	-0.68188	0.113	0.32	0 B cells	ARL4C
5892	MYO1F.2	0	-0.68672	0.053	0.211	0 B cells	MYO1F
5893	PXN.2	0	-0.68838	0.018	0.221	0 B cells	PXN
5894	LITAF.1	0	-0.69027	0.391	0.599	0 B cells	LITAF
5895	CFP.2	0	-0.69263	0.01	0.15	0 B cells	CFP
5896	TRABD2A.3	0	-0.69424	0.034	0.232	0 B cells	TRABD2A
5897	TXK.3	0	-0.6971	0.019	0.214	0 B cells	TXK
5898	SOCS3.2	0	-0.69866	0.031	0.205	0 B cells	SOCS3
5899	TRAC.3	0	-0.7093	0.131	0.333	0 B cells	TRAC
5900	CD5.3	0	-0.71052	0.071	0.291	0 B cells	CD5

5901	GIMAP6.2	0	-0.71066	0.016	0.226	0 B cells	GIMAP6
5902	BIN2.2	0	-0.71215	0.293	0.569	0 B cells	BIN2
5903	GIMAP2.2	0	-0.71618	0.073	0.305	0 B cells	GIMAP2
5904	PIK3IP1.3	0	-0.71997	0.133	0.363	0 B cells	PIK3IP1
5905	HSPB1.3	0	-0.72905	0.264	0.537	0 B cells	HSPB1
5906	CSTB.1	0	-0.73232	0.286	0.528	0 B cells	CSTB
5907	ABRACL	0	-0.73251	0.325	0.635	0 B cells	ABRACL
5908	SIRPG.3	0	-0.73362	0.021	0.228	0 B cells	SIRPG
5909	MT1X.1	0	-0.73494	0.042	0.27	0 B cells	MT1X
5910	APMAP.1	0	-0.74084	0.083	0.266	0 B cells	APMAP
5911	ACTB.3	0	-0.74239	0.999	0.999	0 B cells	ACTB
5912	HSPA8.3	0	-0.74656	0.783	0.895	0 B cells	HSPA8
5913	CALM3	0	-0.74766	0.289	0.586	0 B cells	CALM3
5914	RNF149.2	0	-0.75006	0.131	0.371	0 B cells	RNF149
5915	CD300A.2	0	-0.75027	0.016	0.191	0 B cells	CD300A
5916	CSTA.1	0	-0.75106	0.002	0.116	0 B cells	CSTA
5917	EVL.3	0	-0.75177	0.623	0.78	0 B cells	EVL
5918	CX3CR1.1	0	-0.75908	0.001	0.132	0 B cells	CX3CR1
5919	TXN.3	0	-0.76072	0.199	0.416	0 B cells	TXN
5920	FPR1.1	0	-0.76284	0.003	0.117	0 B cells	FPR1
5921	TMEM173.	0	-0.76428	0.019	0.253	0 B cells	TMEM173
5922	AGTRAP.2	0	-0.76588	0.082	0.279	0 B cells	AGTRAP
5923	TNFRSF1A.	0	-0.76622	0.012	0.246	0 B cells	TNFRSF1A
5924	SARAF.3	0	-0.76712	0.83	0.907	0 B cells	SARAF
5925	ACTG1.1	0	-0.76904	0.884	0.976	0 B cells	ACTG1
5926	NINJ1.1	0	-0.77289	0.024	0.24	0 B cells	NINJ1
5927	SAMD3.2	0	-0.77556	0.016	0.222	0 B cells	SAMD3
5928	BEX3.3	0	-0.77867	0.028	0.236	0 B cells	BEX3
5929	GSTK1.1	0	-0.78077	0.466	0.751	0 B cells	GSTK1
5930	UPP1.2	0	-0.7824	0.025	0.263	0 B cells	UPP1
5931	TMSB4X.3	0	-0.78564	0.999	0.998	0 B cells	TMSB4X
5932	TMIGD2.2	0	-0.78693	0.022	0.247	0 B cells	TMIGD2
5933	SIGIRR.2	0	-0.78955	0.184	0.472	0 B cells	SIGIRR
5934	PCED1B.2	0	-0.79436	0.13	0.353	0 B cells	PCED1B
5935	SELENOW.	0	-0.79557	0.256	0.574	0 B cells	SELENOW
5936	JAML.2	0	-0.79765	0.014	0.23	0 B cells	JAML
5937	SH2D2A.2	0	-0.79852	0.012	0.184	0 B cells	SH2D2A
5938	CD6.3	0	-0.80672	0.039	0.277	0 B cells	CD6
5939	ARRB2.3	0	-0.81939	0.202	0.483	0 B cells	ARRB2
5940	PFN1.3	0	-0.83132	0.961	0.992	0 B cells	PFN1
5941	MYL12A.3	0	-0.85349	0.87	0.972	0 B cells	MYL12A
5942	SPN.1	0	-0.85585	0.019	0.262	0 B cells	SPN
5943	ADGRE5.2	0	-0.86564	0.087	0.337	0 B cells	ADGRE5
5944	RGCC.3	0	-0.86655	0.032	0.271	0 B cells	RGCC
5945	DOK2.3	0	-0.86975	0.041	0.285	0 B cells	DOK2
5946	AAK1	0	-0.87553	0.032	0.303	0 B cells	AAK1
5947	LGALS3.2	0	-0.87565	0.016	0.156	0 B cells	LGALS3

5948 CALM1.3	0	-0.87736	0.756	0.922	0 B cells	CALM1
5949 ITM2B.3	0	-0.87833	0.738	0.936	0 B cells	ITM2B
5950 TC2N.2	0	-0.88634	0.03	0.282	0 B cells	TC2N
5951 MGAT4A.1	0	-0.89793	0.047	0.327	0 B cells	MGAT4A
5952 ITK.3	0	-0.90107	0.028	0.284	0 B cells	ITK
5953 GIMAP1.1	0	-0.90617	0.027	0.298	0 B cells	GIMAP1
5954 PRMT2.3	0	-0.9284	0.288	0.621	0 B cells	PRMT2
5955 NDFIP1.1	0	-0.93643	0.183	0.538	0 B cells	NDFIP1
5956 CD99.1	0	-0.96056	0.378	0.598	0 B cells	CD99
5957 OXNAD1.3	0	-0.96211	0.039	0.318	0 B cells	OXNAD1
5958 SLFN5.3	0	-0.96887	0.04	0.333	0 B cells	SLFN5
5959 SLC9A3R1.	0	-0.98173	0.183	0.495	0 B cells	SLC9A3R1
5960 KLRD1.1	0	-1.00913	0.002	0.131	0 B cells	KLRD1
5961 DENND2D.	0	-1.01653	0.17	0.492	0 B cells	DENND2D
5962 PRKCH.3	0	-1.03055	0.025	0.328	0 B cells	PRKCH
5963 NEAT1.2	0	-1.03455	0.185	0.374	0 B cells	NEAT1
5964 ACTN1.2	0	-1.0388	0.03	0.337	0 B cells	ACTN1
5965 TRAT1.3	0	-1.04088	0.028	0.306	0 B cells	TRAT1
5966 CTSC.2	0	-1.05912	0.134	0.403	0 B cells	CTSC
5967 GAPDH.3	0	-1.07267	0.812	0.933	0 B cells	GAPDH
5968 LDLRAP1.2	0	-1.07631	0.068	0.382	0 B cells	LDLRAP1
5969 LIME1.3	0	-1.08851	0.068	0.396	0 B cells	LIME1
5970 AQP3.3	0	-1.11432	0.03	0.306	0 B cells	AQP3
5971 VSIR.2	0	-1.11653	0.152	0.492	0 B cells	VSIR
5972 FLT3LG.3	0	-1.1364	0.128	0.481	0 B cells	FLT3LG
5973 MAL.3	0	-1.147	0.04	0.348	0 B cells	MAL
5974 XBP1.2	0	-1.17886	0.132	0.448	0 B cells	XBP1
5975 CISH.2	0	-1.19051	0.027	0.262	0 B cells	CISH
5976 CLIC3.2	0	-1.19422	0.008	0.142	0 B cells	CLIC3
5977 LINC02446	0	-1.20006	0.017	0.173	0 B cells	LINC02446
5978 NUCB2.3	0	-1.21071	0.072	0.462	0 B cells	NUCB2
5979 CD8A.3	0	-1.22277	0.016	0.225	0 B cells	CD8A
5980 PIM1.2	0	-1.22278	0.153	0.515	0 B cells	PIM1
5981 ZYX.2	0	-1.22335	0.121	0.49	0 B cells	ZYX
5982 LCP2.1	0	-1.23544	0.052	0.461	0 B cells	LCP2
5983 CAMK4.3	0	-1.24026	0.049	0.402	0 B cells	CAMK4
5984 CD27.3	0	-1.25169	0.144	0.516	0 B cells	CD27
5985 ITGB2.3	0	-1.25762	0.408	0.73	0 B cells	ITGB2
5986 TSPO.2	0	-1.25874	0.302	0.54	0 B cells	TSPO
5987 VIM.2	0	-1.28108	0.628	0.878	0 B cells	VIM
5988 ITM2A.2	0	-1.30276	0.074	0.451	0 B cells	ITM2A
5989 RARRES3.2	0	-1.33117	0.249	0.663	0 B cells	RARRES3
5990 CD2.3	0	-1.34312	0.034	0.42	0 B cells	CD2
5991 SAMHD1.3	0	-1.34397	0.099	0.527	0 B cells	SAMHD1
5992 LEPROTL1.	0	-1.39937	0.148	0.625	0 B cells	LEPROTL1
5993 ZAP70.3	0	-1.4205	0.055	0.486	0 B cells	ZAP70
5994 KLRB1.2	0	-1.42852	0.007	0.159	0 B cells	KLRB1

5995 MT2A.1	0	-1.43446	0.109	0.445	0 B cells	MT2A
5996 TIMP1.2	0	-1.45562	0.041	0.305	0 B cells	TIMP1
5997 IFITM2.3	0	-1.52788	0.703	0.869	0 B cells	IFITM2
5998 RGS10.2	0	-1.5321	0.172	0.657	0 B cells	RGS10
5999 SELPLG.2	0	-1.55151	0.077	0.598	0 B cells	SELPLG
6000 FCGR3A.3	0	-1.63629	0.003	0.163	0 B cells	FCGR3A
6001 FGFBP2.3	0	-1.64115	0.004	0.134	0 B cells	FGFBP2
6002 GZMH.2	0	-1.68552	0.003	0.134	0 B cells	GZMH
6003 CD3G.3	0	-1.69366	0.046	0.538	0 B cells	CD3G
6004 LAT.3	0	-1.69411	0.047	0.556	0 B cells	LAT
6005 NOSIP.3	0	-1.69454	0.308	0.747	0 B cells	NOSIP
6006 TRBC1.3	0	-1.69526	0.046	0.394	0 B cells	TRBC1
6007 LDHB.2	0	-1.7053	0.495	0.829	0 B cells	LDHB
6008 S100A10.2	0	-1.70729	0.3	0.733	0 B cells	S100A10
6009 GZMA.2	0	-1.71509	0.005	0.183	0 B cells	GZMA
6010 FCN1.3	0	-1.72671	0.006	0.141	0 B cells	FCN1
6011 IFITM3.3	0	-1.73495	0.378	0.61	0 B cells	IFITM3
6012 CD247.3	0	-1.73927	0.044	0.503	0 B cells	CD247
6013 GZMM.3	0	-1.81569	0.042	0.537	0 B cells	GZMM
6014 CD8B.3	0	-1.83334	0.024	0.267	0 B cells	CD8B
6015 LCK.3	0	-1.84385	0.155	0.699	0 B cells	LCK
6016 SERPINA1.1	0	-1.851	0.008	0.15	0 B cells	SERPINA1
6017 LEF1.3	0	-1.86432	0.069	0.557	0 B cells	LEF1
6018 SRGN.2	0	-1.87757	0.111	0.508	0 B cells	SRGN
6019 LINC00861	0	-1.90676	0.052	0.588	0 B cells	LINC00861
6020 TCF7.3	0	-1.91372	0.061	0.538	0 B cells	TCF7
6021 ANXA1.3	0	-2.07504	0.028	0.463	0 B cells	ANXA1
6022 CTSW.3	0	-2.17058	0.023	0.334	0 B cells	CTSW
6023 PRF1.3	0	-2.1782	0.008	0.233	0 B cells	PRF1
6024 FYB1.3	0	-2.19106	0.066	0.747	0 B cells	FYB1
6025 GIMAP4.3	0	-2.20271	0.062	0.746	0 B cells	GIMAP4
6026 LGALS1.2	0	-2.22573	0.064	0.288	0 B cells	LGALS1
6027 AIF1.3	0	-2.26528	0.041	0.373	0 B cells	AIF1
6028 CST7.1	0	-2.36719	0.009	0.226	0 B cells	CST7
6029 HCST.2	0	-2.37589	0.133	0.801	0 B cells	HCST
6030 GZMB.2	0	-2.38146	0.004	0.143	0 B cells	GZMB
6031 IL7R.3	0	-2.38486	0.089	0.6	0 B cells	IL7R
6032 CD3D.3	0	-2.39566	0.066	0.7	0 B cells	CD3D
6033 IFITM1.3	0	-2.3993	0.505	0.906	0 B cells	IFITM1
6034 S100A11.1	0	-2.46628	0.217	0.556	0 B cells	S100A11
6035 GIMAP7.3	0	-2.50868	0.073	0.819	0 B cells	GIMAP7
6036 S100A6.3	0	-2.54103	0.422	0.866	0 B cells	S100A6
6037 FCER1G.2	0	-2.60139	0.016	0.294	0 B cells	FCER1G
6038 LYZ.2	0	-2.66226	0.029	0.168	0 B cells	LYZ
6039 CST3.3	0	-2.67917	0.02	0.187	0 B cells	CST3
6040 CD7.3	0	-2.78568	0.066	0.753	0 B cells	CD7
6041 CCL5.3	0	-2.7951	0.019	0.194	0 B cells	CCL5

6042	S100A4.3	0	-2.80544	0.258	0.637	0	B cells	S100A4
6043	CD3E.3	0	-2.90778	0.078	0.78	0	B cells	CD3E
6044	TYROBP.2	0	-3.05671	0.02	0.267	0	B cells	TYROBP
6045	IL32.3	0	-3.06103	0.077	0.739	0	B cells	IL32
6046	GNLY.2	0	-3.34586	0.008	0.134	0	B cells	GNLY
6047	NKG7.2	0	-3.75005	0.021	0.267	0	B cells	NKG7
6048	UBL5.1	2.69E-307	-0.45919	0.606	0.783	5.04E-303	B cells	UBL5
6049	DNAJB1.2	8.47E-307	-0.50472	0.145	0.331	1.59E-302	B cells	DNAJB1
6050	ODC1.2	1.58E-306	0.53796	0.265	0.127	2.97E-302	B cells	ODC1
6051	PTMA.1	4.56E-306	0.268314	0.998	0.985	8.56E-302	B cells	PTMA
6052	FOXP1.2	5.76E-306	0.592956	0.54	0.398	1.08E-301	B cells	FOXP1
6053	FCRL3	8.94E-304	0.441202	0.138	0.039	1.68E-299	B cells	FCRL3
6054	IL2RB	3.81E-302	-0.60812	0.004	0.117	7.15E-298	B cells	IL2RB
6055	PDE4B.2	1.98E-301	0.566956	0.27	0.133	3.71E-297	B cells	PDE4B
6056	CFD.1	3.29E-301	-1.01418	0.009	0.125	6.18E-297	B cells	CFD
6057	NUAK2.2	6.30E-301	0.524749	0.232	0.103	1.18E-296	B cells	NUAK2
6058	RPS12.3	1.75E-300	-0.25969	1	0.993	3.29E-296	B cells	RPS12
6059	ALDOA.2	1.13E-299	-0.63099	0.516	0.686	2.12E-295	B cells	ALDOA
6060	SIPA1L3	5.33E-297	0.342792	0.104	0.024	1.00E-292	B cells	SIPA1L3
6061	TMEM176B	7.20E-297	-0.92241	0.002	0.112	1.35E-292	B cells	TMEM176B
6062	CMTM3.1	8.76E-296	-0.43803	0.033	0.167	1.65E-291	B cells	CMTM3
6063	ITGAL.2	8.43E-294	-0.47535	0.046	0.186	1.58E-289	B cells	ITGAL
6064	YBX3.1	7.59E-291	0.580556	0.183	0.072	1.43E-286	B cells	YBX3
6065	PPA1.2	1.18E-290	-0.48226	0.232	0.428	2.22E-286	B cells	PPA1
6066	DOPEY2	6.34E-290	0.411344	0.149	0.049	1.19E-285	B cells	DOPEY2
6067	SPON2.1	2.12E-288	-1.21167	0.012	0.127	3.99E-284	B cells	SPON2
6068	PTPRE.2	1.65E-287	-0.49709	0.035	0.168	3.10E-283	B cells	PTPRE
6069	TESPA1.2	3.52E-287	-0.46838	0.051	0.192	6.61E-283	B cells	TESPA1
6070	HSPA1A.2	6.56E-287	-0.49601	0.053	0.195	1.23E-282	B cells	HSPA1A
6071	PPP2R5C.2	7.06E-287	-0.53974	0.09	0.248	1.33E-282	B cells	PPP2R5C
6072	GPRIN3	5.22E-286	-0.39135	0.012	0.127	9.80E-282	B cells	GPRIN3
6073	ELOB.1	6.22E-286	-0.45357	0.633	0.791	1.17E-281	B cells	ELOB
6074	LILRA5.1	6.78E-286	-0.76897	0.003	0.109	1.27E-281	B cells	LILRA5
6075	MNDA.2	8.41E-286	-1.11877	0.024	0.145	1.58E-281	B cells	MNDA
6076	EFHD2.2	9.88E-286	-0.59093	0.048	0.186	1.86E-281	B cells	EFHD2
6077	PAXX.2	1.38E-285	-0.52305	0.394	0.6	2.59E-281	B cells	PAXX
6078	CFLAR.2	2.94E-285	-0.52534	0.138	0.309	5.52E-281	B cells	CFLAR
6079	CLEC12A.1	3.00E-284	-0.53668	0.001	0.106	5.63E-280	B cells	CLEC12A
6080	GBP1.2	3.03E-282	-0.43414	0.033	0.162	5.70E-278	B cells	GBP1
6081	ATP6V0E2	3.40E-282	-0.45875	0.09	0.249	6.39E-278	B cells	ATP6V0E2
6082	LYAR.2	7.20E-282	-0.63626	0.058	0.2	1.35E-277	B cells	LYAR
6083	FKBP5.2	5.01E-281	-0.41374	0.044	0.18	9.41E-277	B cells	FKBP5
6084	SERF2.2	2.25E-280	-0.32206	0.978	0.99	4.22E-276	B cells	SERF2
6085	CKLF.1	2.57E-280	-0.53976	0.125	0.294	4.83E-276	B cells	CKLF
6086	FLNA.3	7.53E-279	-0.65531	0.221	0.397	1.42E-274	B cells	FLNA
6087	GUK1	5.25E-278	-0.48672	0.467	0.655	9.86E-274	B cells	GUK1
6088	CD14.1	5.51E-278	-1.16187	0.003	0.107	1.03E-273	B cells	CD14

6089	CD63.2	5.55E-277	-0.66891	0.113	0.271	1.04E-272	B cells	CD63
6090	HLA-A.2	9.05E-277	-0.42829	0.84	0.925	1.70E-272	B cells	HLA-A
6091	CHD9.1	1.48E-276	0.523172	0.257	0.128	2.78E-272	B cells	CHD9
6092	CYBA.3	8.37E-275	0.3856	0.817	0.701	1.57E-270	B cells	CYBA
6093	BLVRA.2	1.04E-274	-0.40698	0.019	0.135	1.96E-270	B cells	BLVRA
6094	CAPN2.2	2.82E-274	-0.4752	0.087	0.24	5.30E-270	B cells	CAPN2
6095	MS4A6A.1	6.00E-274	-0.75331	0.008	0.116	1.13E-269	B cells	MS4A6A
6096	ETHE1.1	9.06E-272	-0.42073	0.091	0.246	1.70E-267	B cells	ETHE1
6097	ERP29	1.17E-271	0.43374	0.768	0.704	2.20E-267	B cells	ERP29
6098	RHBDF2	6.06E-271	0.447813	0.184	0.074	1.14E-266	B cells	RHBDF2
6099	UBE2J1.2	9.57E-270	0.539167	0.362	0.219	1.80E-265	B cells	UBE2J1
6100	MAPKAPK3	1.49E-269	-0.42928	0.067	0.21	2.79E-265	B cells	MAPKAPK3
6101	CLEC2B	5.32E-269	-0.52688	0.238	0.43	9.99E-265	B cells	CLEC2B
6102	CHRM3-AS	5.63E-269	-0.41722	0.013	0.122	1.06E-264	B cells	CHRM3-AS2
6103	PARVB.2	1.06E-267	0.40065	0.177	0.071	2.00E-263	B cells	PARVB
6104	RNF125.2	2.25E-267	-0.42781	0.045	0.177	4.23E-263	B cells	RNF125
6105	SMIM25.1	3.43E-267	-0.80557	0.002	0.101	6.45E-263	B cells	SMIM25
6106	MLLT3.3	1.42E-266	-0.40218	0.024	0.142	2.67E-262	B cells	MLLT3
6107	DUS2	5.66E-266	0.326093	0.118	0.033	1.06E-261	B cells	DUS2
6108	IL6R.1	9.29E-266	-0.34491	0.009	0.114	1.75E-261	B cells	IL6R
6109	TNFSF13B	3.59E-265	-0.5326	0.013	0.121	6.75E-261	B cells	TNFSF13B
6110	GNG2.1	5.60E-265	-0.52603	0.141	0.308	1.05E-260	B cells	GNG2
6111	RABEP2	2.37E-263	0.400974	0.151	0.053	4.46E-259	B cells	RABEP2
6112	EIF1.3	1.06E-262	-0.27713	0.959	0.983	1.99E-258	B cells	EIF1
6113	AC025164	3.36E-262	0.530277	0.245	0.12	6.32E-258	B cells	AC025164.1
6114	S100A9.2	1.73E-261	-4.53482	0.116	0.261	3.25E-257	B cells	S100A9
6115	ATP10D	2.44E-261	0.376325	0.109	0.03	4.58E-257	B cells	ATP10D
6116	TRAF5.2	2.75E-261	0.463195	0.231	0.108	5.16E-257	B cells	TRAF5
6117	CD44.2	3.22E-261	-0.47703	0.294	0.488	6.04E-257	B cells	CD44
6118	ATP5PD.1	1.20E-260	-0.42616	0.403	0.602	2.26E-256	B cells	ATP5PD
6119	BTN2A2	7.08E-260	0.326516	0.101	0.025	1.33E-255	B cells	BTN2A2
6120	TECR.2	7.78E-259	-0.45018	0.297	0.494	1.46E-254	B cells	TECR
6121	CORO1B.1	1.04E-258	-0.52028	0.187	0.359	1.96E-254	B cells	CORO1B
6122	PCBP1.3	1.52E-258	-0.35487	0.809	0.897	2.86E-254	B cells	PCBP1
6123	DNAJC10	5.13E-258	0.488576	0.216	0.101	9.63E-254	B cells	DNAJC10
6124	RIPOR1	5.50E-258	0.37232	0.134	0.044	1.03E-253	B cells	RIPOR1
6125	TRDC	2.13E-257	-0.83811	0.004	0.102	4.01E-253	B cells	TRDC
6126	PECAM1.1	1.45E-256	-0.48223	0.069	0.209	2.72E-252	B cells	PECAM1
6127	SNX8	5.79E-256	0.343662	0.112	0.032	1.09E-251	B cells	SNX8
6128	SERINC5.1	1.42E-255	-0.37991	0.026	0.142	2.67E-251	B cells	SERINC5
6129	BNIP3.2	1.45E-254	-0.40253	0.069	0.209	2.72E-250	B cells	BNIP3
6130	DUSP2.1	1.67E-254	-0.88538	0.045	0.169	3.14E-250	B cells	DUSP2
6131	UQCRCQ.2	2.01E-253	-0.44376	0.338	0.53	3.77E-249	B cells	UQCRCQ
6132	TACC3.1	2.07E-253	-0.4058	0.088	0.235	3.89E-249	B cells	TACC3
6133	PFKL	1.55E-252	0.538194	0.375	0.243	2.91E-248	B cells	PFKL
6134	S100A12.2	2.93E-252	-3.12271	0.028	0.141	5.50E-248	B cells	S100A12
6135	CAPZB.2	1.38E-251	-0.40026	0.617	0.778	2.59E-247	B cells	CAPZB

6136	PDE3B.3	3.06E-251	-0.40764	0.049	0.179	5.74E-247	B cells	PDE3B
6137	STAT1.1	3.90E-250	-0.52251	0.161	0.328	7.32E-246	B cells	STAT1
6138	IL17RA.1	6.68E-250	-0.42883	0.052	0.181	1.26E-245	B cells	IL17RA
6139	SKAP2.2	7.35E-250	0.464305	0.23	0.111	1.38E-245	B cells	SKAP2
6140	CCND2.2	6.82E-249	-0.44833	0.049	0.174	1.28E-244	B cells	CCND2
6141	TSEN54.2	1.10E-248	-0.45913	0.067	0.202	2.07E-244	B cells	TSEN54
6142	LCP1.2	9.31E-248	-0.56696	0.46	0.627	1.75E-243	B cells	LCP1
6143	DNMT1.1	2.30E-247	-0.40636	0.101	0.253	4.32E-243	B cells	DNMT1
6144	CYTOR.3	3.54E-247	-0.3995	0.021	0.13	6.66E-243	B cells	CYTOR
6145	JUN.1	3.88E-247	0.668699	0.261	0.137	7.29E-243	B cells	JUN
6146	TSPAN32.1	4.42E-247	-0.41099	0.048	0.174	8.30E-243	B cells	TSPAN32
6147	MT-ND4L.1	1.07E-246	0.327657	0.973	0.945	2.01E-242	B cells	MT-ND4L
6148	RELB	1.14E-246	0.480836	0.205	0.094	2.14E-242	B cells	RELB
6149	C4orf48.2	1.46E-246	-0.53479	0.179	0.343	2.75E-242	B cells	C4orf48
6150	GRB2.1	4.27E-246	0.483093	0.508	0.376	8.01E-242	B cells	GRB2
6151	RHOG.2	4.43E-246	-0.53614	0.386	0.559	8.33E-242	B cells	RHOG
6152	MYC.2	1.21E-245	-0.67976	0.284	0.446	2.27E-241	B cells	MYC
6153	SH3BP1.1	2.97E-245	-0.40985	0.086	0.229	5.58E-241	B cells	SH3BP1
6154	SEC61G.3	5.56E-245	-0.47079	0.373	0.563	1.04E-240	B cells	SEC61G
6155	FLOT1.1	6.27E-245	-0.44452	0.163	0.331	1.18E-240	B cells	FLOT1
6156	PLBD1.1	8.36E-245	-0.68516	0.006	0.101	1.57E-240	B cells	PLBD1
6157	STXBP2.2	8.73E-245	-1.26148	0.087	0.221	1.64E-240	B cells	STXBP2
6158	CCL4.2	1.81E-244	-1.32389	0.024	0.133	3.40E-240	B cells	CCL4
6159	NDUFA12	4.52E-244	-0.43069	0.416	0.605	8.50E-240	B cells	NDUFA12
6160	RBMS1.2	1.93E-243	-0.39828	0.077	0.218	3.63E-239	B cells	RBMS1
6161	ITPR1	2.44E-243	0.372084	0.122	0.039	4.57E-239	B cells	ITPR1
6162	FGL2.1	2.01E-242	-0.58134	0.019	0.125	3.77E-238	B cells	FGL2
6163	S100A8.2	2.04E-242	-5.21137	0.135	0.276	3.83E-238	B cells	S100A8
6164	TGFB1.2	5.51E-242	-0.46443	0.164	0.329	1.04E-237	B cells	TGFB1
6165	PRKCB.2	7.52E-242	0.530061	0.286	0.16	1.41E-237	B cells	PRKCB
6166	NDUFA4.2	1.05E-241	-0.37869	0.597	0.758	1.96E-237	B cells	NDUFA4
6167	SLC11A1.1	2.25E-241	-0.57275	0.016	0.119	4.23E-237	B cells	SLC11A1
6168	SH3BGRL3	4.20E-241	-0.70176	0.918	0.948	7.89E-237	B cells	SH3BGRL3
6169	STK38.1	1.51E-240	-0.43561	0.188	0.36	2.84E-236	B cells	STK38
6170	SUN2.2	2.79E-240	-0.44505	0.162	0.329	5.24E-236	B cells	SUN2
6171	RASSF5.2	1.09E-239	-0.42943	0.18	0.35	2.06E-235	B cells	RASSF5
6172	LYL1.1	1.79E-239	0.360049	0.102	0.028	3.36E-235	B cells	LYL1
6173	CD53.1	5.04E-238	0.445598	0.659	0.571	9.47E-234	B cells	CD53
6174	LILRB2.1	6.34E-237	-0.69254	0.012	0.11	1.19E-232	B cells	LILRB2
6175	PLCG1.2	6.51E-237	-0.37003	0.024	0.13	1.22E-232	B cells	PLCG1
6176	TMEM243	1.40E-236	0.509378	0.49	0.368	2.64E-232	B cells	TMEM243
6177	MCL1.2	7.10E-236	-0.47359	0.222	0.399	1.33E-231	B cells	MCL1
6178	GNPDA1	7.30E-236	-0.35327	0.033	0.147	1.37E-231	B cells	GNPDA1
6179	FKBP11.2	8.67E-236	-0.53208	0.077	0.209	1.63E-231	B cells	FKBP11
6180	RTN3.2	7.81E-234	-0.40002	0.079	0.216	1.47E-229	B cells	RTN3
6181	DGCR6L.1	1.11E-233	-0.37951	0.138	0.3	2.08E-229	B cells	DGCR6L
6182	ARL11.1	1.41E-233	0.356933	0.11	0.033	2.66E-229	B cells	ARL11

6183	H2AFJ.1	1.85E-233	-0.42596	0.108	0.256	3.48E-229	B cells	H2AFJ
6184	CCR7.3	3.64E-233	-0.71871	0.463	0.565	6.84E-229	B cells	CCR7
6185	WDR1	4.13E-233	-0.46939	0.374	0.554	7.75E-229	B cells	WDR1
6186	DDAH2.2	2.43E-232	0.471898	0.244	0.126	4.56E-228	B cells	DDAH2
6187	MTPN.2	3.23E-232	0.49582	0.449	0.319	6.06E-228	B cells	MTPN
6188	TCEA3	5.73E-232	-0.34679	0.01	0.105	1.08E-227	B cells	TCEA3
6189	IQGAP2.3	2.61E-231	-0.36887	0.04	0.156	4.90E-227	B cells	IQGAP2
6190	SNRNP25.1	3.90E-231	0.475967	0.213	0.104	7.33E-227	B cells	SNRNP25
6191	ZNF92	4.07E-231	0.421511	0.158	0.063	7.64E-227	B cells	ZNF92
6192	COX6B1.2	7.82E-231	-0.34445	0.715	0.848	1.47E-226	B cells	COX6B1
6193	GPR171	5.08E-230	-0.37223	0.01	0.104	9.55E-226	B cells	GPR171
6194	SH3KBP1.1	5.41E-230	-0.40905	0.161	0.322	1.02E-225	B cells	SH3KBP1
6195	TTC38	2.61E-228	-0.51687	0.009	0.102	4.90E-224	B cells	TTC38
6196	SERPINB1.1	2.91E-227	-0.60373	0.321	0.49	5.47E-223	B cells	SERPINB1
6197	JOSD2.1	4.25E-227	-0.3489	0.06	0.186	7.98E-223	B cells	JOSD2
6198	SIDT2.1	6.38E-227	0.368792	0.146	0.056	1.20E-222	B cells	SIDT2
6199	LSM10	5.45E-225	0.539042	0.381	0.26	1.02E-220	B cells	LSM10
6200	GOLGA7.1	1.07E-224	-0.37657	0.158	0.321	2.02E-220	B cells	GOLGA7
6201	SNX10.2	1.65E-223	0.460216	0.242	0.126	3.10E-219	B cells	SNX10
6202	PTPN4.1	2.28E-223	-0.40794	0.053	0.173	4.28E-219	B cells	PTPN4
6203	LINC00623	6.31E-223	-0.40733	0.064	0.189	1.18E-218	B cells	LINC00623
6204	ETS1.3	7.58E-223	-0.47847	0.225	0.39	1.42E-218	B cells	ETS1
6205	COPS9.1	1.62E-222	-0.37035	0.252	0.435	3.04E-218	B cells	COPS9
6206	SULT1A1.1	2.76E-222	-0.32754	0.01	0.101	5.18E-218	B cells	SULT1A1
6207	PSME2.2	6.56E-222	-0.4937	0.54	0.689	1.23E-217	B cells	PSME2
6208	LPAR6	1.02E-221	-0.32888	0.009	0.1	1.91E-217	B cells	LPAR6
6209	GRAP2.3	5.68E-221	-0.41151	0.054	0.174	1.07E-216	B cells	GRAP2
6210	KLRG1	1.77E-220	-0.52383	0.016	0.11	3.32E-216	B cells	KLRG1
6211	ATP2A3.1	2.91E-220	0.46744	0.278	0.157	5.46E-216	B cells	ATP2A3
6212	MCM5.1	7.78E-220	0.435141	0.227	0.115	1.46E-215	B cells	MCM5
6213	RASA3.3	8.69E-220	-0.40457	0.1	0.239	1.63E-215	B cells	RASA3
6214	FTL.2	1.33E-219	-0.68632	0.999	0.991	2.50E-215	B cells	FTL
6215	CISD3.1	1.65E-219	-0.42349	0.087	0.22	3.11E-215	B cells	CISD3
6216	DMXL1	2.27E-219	0.4389	0.183	0.083	4.26E-215	B cells	DMXL1
6217	ZNF821	1.70E-218	0.301359	0.103	0.03	3.20E-214	B cells	ZNF821
6218	TMEM123	3.40E-218	-0.39306	0.321	0.51	6.39E-214	B cells	TMEM123
6219	PLEKHF1.1	6.48E-218	-0.41814	0.019	0.116	1.22E-213	B cells	PLEKHF1
6220	PASK.1	1.20E-217	-0.49156	0.038	0.147	2.25E-213	B cells	PASK
6221	DPYD.2	1.23E-216	-0.37771	0.104	0.247	2.31E-212	B cells	DPYD
6222	TRG-AS1	7.45E-215	-0.34628	0.011	0.101	1.40E-210	B cells	TRG-AS1
6223	PIK3AP1.1	2.52E-214	0.39187	0.165	0.07	4.73E-210	B cells	PIK3AP1
6224	FAM107B.1	3.80E-214	-0.38973	0.16	0.314	7.13E-210	B cells	FAM107B
6225	MINOS1.1	2.62E-213	-0.39317	0.259	0.435	4.93E-209	B cells	MINOS1
6226	APOL6.1	8.05E-212	-0.32327	0.024	0.123	1.51E-207	B cells	APOL6
6227	ATP6V1G1	2.29E-211	0.355268	0.815	0.782	4.30E-207	B cells	ATP6V1G1
6228	NDUFB1.1	6.76E-211	-0.39636	0.282	0.463	1.27E-206	B cells	NDUFB1
6229	ACP5	1.91E-210	0.527028	0.26	0.148	3.59E-206	B cells	ACP5

6230	ANXA2R.3	3.27E-210	-0.41546	0.154	0.306	6.14E-206	B cells	ANXA2R
6231	CITED2	1.42E-209	-0.36301	0.087	0.219	2.67E-205	B cells	CITED2
6232	IFI6.1	9.80E-209	-0.39067	0.065	0.186	1.84E-204	B cells	IFI6
6233	RTN4.3	8.88E-208	-0.39323	0.177	0.333	1.67E-203	B cells	RTN4
6234	ATP2B1	1.00E-207	0.493281	0.288	0.171	1.89E-203	B cells	ATP2B1
6235	NUCB1.1	2.37E-207	-0.38896	0.216	0.381	4.46E-203	B cells	NUCB1
6236	INPP4A	1.33E-205	-0.29499	0.014	0.103	2.50E-201	B cells	INPP4A
6237	CSK.2	2.19E-205	0.481503	0.568	0.478	4.11E-201	B cells	CSK
6238	SELENOF.1	9.89E-202	0.485586	0.526	0.434	1.86E-197	B cells	SELENOF
6239	ABI3.2	4.57E-201	-0.50998	0.084	0.206	8.58E-197	B cells	ABI3
6240	TNFRSF1B.	9.51E-201	-0.50089	0.07	0.185	1.79E-196	B cells	TNFRSF1B
6241	TRAF3IP3.3	6.28E-200	-0.38727	0.54	0.703	1.18E-195	B cells	TRAF3IP3
6242	NDUFA1.2	6.32E-200	-0.36192	0.493	0.667	1.19E-195	B cells	NDUFA1
6243	RASAL3.2	7.91E-200	-0.4023	0.152	0.298	1.49E-195	B cells	RASAL3
6244	PAG1.2	1.23E-199	-0.33022	0.045	0.152	2.31E-195	B cells	PAG1
6245	HSP90AA1	8.24E-199	-0.40231	0.605	0.752	1.55E-194	B cells	HSP90AA1
6246	AP2S1.1	1.73E-198	-0.44637	0.317	0.481	3.25E-194	B cells	AP2S1
6247	RNF130.3	2.58E-198	-0.56899	0.07	0.184	4.84E-194	B cells	RNF130
6248	PPT1.2	2.61E-198	-0.34575	0.13	0.273	4.91E-194	B cells	PPT1
6249	CDC25B.2	2.78E-198	-0.40594	0.155	0.301	5.23E-194	B cells	CDC25B
6250	NDUFB2.1	1.36E-197	-0.38651	0.515	0.683	2.55E-193	B cells	NDUFB2
6251	GM2A.1	3.29E-197	0.404742	0.147	0.062	6.19E-193	B cells	GM2A
6252	KYNU.1	4.89E-197	0.328184	0.122	0.045	9.20E-193	B cells	KYNU
6253	LRMP	1.67E-196	0.461565	0.201	0.102	3.14E-192	B cells	LRMP
6254	C12orf75.2	5.61E-196	-0.59967	0.109	0.234	1.05E-191	B cells	C12orf75
6255	ATP2B4	1.34E-195	-0.32815	0.018	0.106	2.52E-191	B cells	ATP2B4
6256	GSAP	1.33E-194	0.355638	0.147	0.061	2.50E-190	B cells	GSAP
6257	AKTIP.2	1.45E-194	-0.32677	0.038	0.14	2.72E-190	B cells	AKTIP
6258	JAZF1	1.33E-193	0.366826	0.158	0.069	2.49E-189	B cells	JAZF1
6259	BATF	6.26E-193	-0.37999	0.054	0.163	1.18E-188	B cells	BATF
6260	SERPINB6.1	1.05E-192	-0.33198	0.048	0.154	1.97E-188	B cells	SERPINB6
6261	BOLA3.1	2.53E-192	-0.3349	0.09	0.215	4.76E-188	B cells	BOLA3
6262	NCOA3.2	4.66E-192	0.448066	0.238	0.132	8.76E-188	B cells	NCOA3
6263	RAB27A.1	9.81E-192	-0.32824	0.048	0.156	1.84E-187	B cells	RAB27A
6264	GNB5	1.57E-191	0.353746	0.152	0.065	2.95E-187	B cells	GNB5
6265	APBB1.2	9.74E-191	-0.34652	0.049	0.155	1.83E-186	B cells	APBB1
6266	MTRNR2L1	1.84E-190	0.363375	0.956	0.94	3.46E-186	B cells	MTRNR2L12
6267	VPS26B	2.06E-190	-0.30896	0.039	0.139	3.86E-186	B cells	VPS26B
6268	DEF6.2	5.93E-190	-0.37325	0.224	0.383	1.11E-185	B cells	DEF6
6269	LAMTOR5.	7.13E-190	0.466613	0.47	0.369	1.34E-185	B cells	LAMTOR5
6270	LGALS3BP.	7.95E-190	-0.31567	0.035	0.133	1.49E-185	B cells	LGALS3BP
6271	NRM	6.68E-189	0.334964	0.122	0.046	1.25E-184	B cells	NRM
6272	STAG3	1.41E-188	0.434176	0.111	0.039	2.65E-184	B cells	STAG3
6273	TNFSF10.1	2.43E-188	-0.46388	0.135	0.271	4.57E-184	B cells	TNFSF10
6274	DGKD.1	2.96E-188	0.434269	0.222	0.119	5.55E-184	B cells	DGKD
6275	CERS4	9.69E-188	0.364235	0.149	0.064	1.82E-183	B cells	CERS4
6276	RAB5IF.1	1.91E-187	-0.38863	0.182	0.329	3.58E-183	B cells	RAB5IF

6277	NMRK1	2.04E-187	-0.31009	0.047	0.151	3.84E-183	B cells	NMRK1
6278	RNASSET2.2	2.21E-187	0.322339	0.677	0.574	4.16E-183	B cells	RNASSET2
6279	LINC00665	4.30E-187	0.27689	0.103	0.034	8.08E-183	B cells	LINC00665
6280	CTSB.2	1.54E-186	-0.51182	0.134	0.264	2.90E-182	B cells	CTSB
6281	ENO1.2	1.77E-186	-0.38476	0.535	0.683	3.32E-182	B cells	ENO1
6282	MT1F	7.27E-186	-0.32992	0.031	0.124	1.37E-181	B cells	MT1F
6283	CYB5R3.1	6.01E-185	0.465218	0.322	0.214	1.13E-180	B cells	CYB5R3
6284	CTSA.1	1.63E-184	-0.39802	0.109	0.236	3.05E-180	B cells	CTSA
6285	PYHIN1	2.00E-184	-0.41238	0.022	0.109	3.76E-180	B cells	PYHIN1
6286	MGST3.3	3.28E-184	-0.33038	0.143	0.286	6.17E-180	B cells	MGST3
6287	PPM1M	3.70E-184	-0.35616	0.119	0.249	6.95E-180	B cells	PPM1M
6288	KCNAB2.1	4.08E-183	-0.32575	0.094	0.217	7.66E-179	B cells	KCNAB2
6289	CNIH4.2	6.18E-182	-0.32566	0.094	0.218	1.16E-177	B cells	CNIH4
6290	BLCAP.2	6.45E-182	0.470997	0.31	0.201	1.21E-177	B cells	BLCAP
6291	TBC1D22A	7.23E-182	0.412535	0.205	0.108	1.36E-177	B cells	TBC1D22A
6292	TPI1.3	4.22E-181	-0.4245	0.515	0.657	7.93E-177	B cells	TPI1
6293	CCNG2	4.34E-181	0.326535	0.114	0.042	8.15E-177	B cells	CCNG2
6294	MT-ND1.3	1.50E-180	0.286081	0.884	0.852	2.82E-176	B cells	MT-ND1
6295	RPL38.3	2.01E-180	-0.32791	0.724	0.846	3.77E-176	B cells	RPL38
6296	CD1D.1	2.34E-180	0.316245	0.122	0.047	4.39E-176	B cells	CD1D
6297	ADD3.3	6.06E-180	-0.38254	0.367	0.535	1.14E-175	B cells	ADD3
6298	MYADM.2	1.88E-179	-0.36388	0.082	0.199	3.53E-175	B cells	MYADM
6299	PGK1.1	3.49E-179	-0.35288	0.586	0.726	6.56E-175	B cells	PGK1
6300	SFXN1.1	4.65E-179	-0.32915	0.079	0.194	8.74E-175	B cells	SFXN1
6301	IRF5.1	1.33E-178	0.348767	0.144	0.063	2.50E-174	B cells	IRF5
6302	COX7B.2	4.39E-178	-0.36944	0.368	0.533	8.24E-174	B cells	COX7B
6303	MIS18BP1	1.18E-177	0.457349	0.265	0.161	2.22E-173	B cells	MIS18BP1
6304	CD68.2	5.20E-177	-0.79195	0.036	0.126	9.77E-173	B cells	CD68
6305	ADD1	6.56E-177	0.442829	0.261	0.156	1.23E-172	B cells	ADD1
6306	PKM.1	8.52E-177	-0.41836	0.501	0.652	1.60E-172	B cells	PKM
6307	MT-ND2.3	3.01E-176	0.330957	0.87	0.843	5.65E-172	B cells	MT-ND2
6308	TOB1	8.69E-176	-0.28491	0.031	0.121	1.63E-171	B cells	TOB1
6309	BLVRB.2	1.37E-175	-0.48308	0.06	0.163	2.57E-171	B cells	BLVRB
6310	SEPT1.3	2.91E-175	-0.40098	0.475	0.614	5.47E-171	B cells	Sep-01
6311	HLA-C.2	3.54E-175	-0.34429	0.972	0.987	6.65E-171	B cells	HLA-C
6312	SDF2L1.1	4.90E-175	-0.39661	0.116	0.243	9.21E-171	B cells	SDF2L1
6313	TKT.2	5.16E-175	-0.56056	0.397	0.548	9.69E-171	B cells	TKT
6314	SLC50A1.1	2.20E-173	0.456018	0.245	0.145	4.13E-169	B cells	SLC50A1
6315	CD151.1	2.78E-173	-0.30474	0.037	0.129	5.22E-169	B cells	CD151
6316	PGD.3	3.34E-173	-0.55445	0.129	0.251	6.28E-169	B cells	PGD
6317	C19orf38.1	4.10E-172	-0.37793	0.028	0.115	7.70E-168	B cells	C19orf38
6318	ALKBH7.1	4.36E-171	-0.34395	0.336	0.503	8.19E-167	B cells	ALKBH7
6319	CHD3.1	5.92E-171	-0.32682	0.069	0.176	1.11E-166	B cells	CHD3
6320	SYNE2.3	6.72E-171	-0.43335	0.092	0.206	1.26E-166	B cells	SYNE2
6321	LPAR5	7.06E-171	0.259703	0.101	0.035	1.33E-166	B cells	LPAR5
6322	PAK1.1	1.82E-170	-0.29042	0.044	0.14	3.42E-166	B cells	PAK1
6323	TIFA	1.08E-169	0.388237	0.145	0.065	2.02E-165	B cells	TIFA

6324	FERMT3.2	5.20E-169	-0.38473	0.259	0.411	9.77E-165	B cells	FERMT3
6325	LINS1.2	5.54E-169	-0.30557	0.058	0.16	1.04E-164	B cells	LINS1
6326	TRABD.1	4.62E-168	-0.31626	0.25	0.409	8.68E-164	B cells	TRABD
6327	RP9.2	9.03E-168	0.432628	0.216	0.121	1.70E-163	B cells	RP9
6328	CYSLTR1	1.13E-167	0.361295	0.158	0.074	2.12E-163	B cells	CYSLTR1
6329	MBP.1	1.37E-167	-0.41653	0.203	0.344	2.57E-163	B cells	MBP
6330	LIMS1.2	3.50E-167	-0.35411	0.064	0.169	6.58E-163	B cells	LIMS1
6331	SMIM37.1	6.22E-167	-0.32745	0.169	0.308	1.17E-162	B cells	SMIM37
6332	FOS.2	1.31E-166	-1.57584	0.043	0.134	2.47E-162	B cells	FOS
6333	NDUFA3	2.02E-166	-0.3306	0.433	0.607	3.79E-162	B cells	NDUFA3
6334	ISG15.1	4.39E-166	-0.40134	0.192	0.33	8.24E-162	B cells	ISG15
6335	KIF2A.2	6.55E-166	-0.34984	0.202	0.348	1.23E-161	B cells	KIF2A
6336	SP110	9.57E-166	0.452781	0.425	0.325	1.80E-161	B cells	SP110
6337	JAK3	3.78E-165	-0.33396	0.12	0.243	7.09E-161	B cells	JAK3
6338	BID.1	4.28E-165	-0.37003	0.084	0.193	8.04E-161	B cells	BID
6339	ZNF107	5.62E-165	0.336183	0.135	0.059	1.06E-160	B cells	ZNF107
6340	LIMS2.1	7.09E-165	0.419806	0.164	0.08	1.33E-160	B cells	LIMS2
6341	NDUFS8	7.87E-165	-0.32417	0.281	0.441	1.48E-160	B cells	NDUFS8
6342	TMEM19	4.94E-164	0.351099	0.152	0.071	9.28E-160	B cells	TMEM19
6343	MYH9	6.81E-164	-0.36577	0.342	0.506	1.28E-159	B cells	MYH9
6344	NFKB2	9.38E-164	0.370462	0.161	0.078	1.76E-159	B cells	NFKB2
6345	RRAS2	1.34E-163	0.27286	0.102	0.037	2.51E-159	B cells	RRAS2
6346	THYN1.2	2.66E-163	-0.29645	0.167	0.306	4.99E-159	B cells	THYN1
6347	MPP1.2	3.64E-163	-0.32158	0.032	0.119	6.83E-159	B cells	MPP1
6348	FCGRT.2	7.18E-163	-0.47344	0.122	0.24	1.35E-158	B cells	FCGRT
6349	UBE2F	1.10E-162	-0.30897	0.069	0.174	2.07E-158	B cells	UBE2F
6350	TESC.1	1.37E-162	-0.30646	0.03	0.114	2.58E-158	B cells	TESC
6351	TMEM258	6.92E-162	-0.33832	0.521	0.676	1.30E-157	B cells	TMEM258
6352	BRI3.2	1.78E-161	-0.3467	0.053	0.15	3.35E-157	B cells	BRI3
6353	PSMA5.1	3.58E-161	-0.33893	0.294	0.449	6.72E-157	B cells	PSMA5
6354	PSTPIP1.2	1.02E-160	-0.34222	0.113	0.232	1.91E-156	B cells	PSTPIP1
6355	YWHAB.3	1.62E-160	-0.29486	0.733	0.835	3.05E-156	B cells	YWHAB
6356	PSMA1	2.19E-160	-0.30692	0.198	0.344	4.12E-156	B cells	PSMA1
6357	SEC61B.2	2.84E-160	-0.40197	0.469	0.618	5.34E-156	B cells	SEC61B
6358	MFNG.2	6.21E-160	-0.32097	0.221	0.369	1.17E-155	B cells	MFNG
6359	EIF3G.2	6.97E-160	-0.31546	0.669	0.798	1.31E-155	B cells	EIF3G
6360	VCPKMT.1	1.08E-159	0.373871	0.174	0.088	2.03E-155	B cells	VCPKMT
6361	NDUFB9	1.61E-159	-0.33731	0.473	0.633	3.02E-155	B cells	NDUFB9
6362	CYLD.2	3.64E-159	-0.34616	0.155	0.284	6.84E-155	B cells	CYLD
6363	C9orf16.2	7.39E-159	-0.33957	0.475	0.638	1.39E-154	B cells	C9orf16
6364	CLEC11A.1	9.26E-159	-0.27446	0.026	0.107	1.74E-154	B cells	CLEC11A
6365	PHB2.2	1.18E-158	0.37751	0.618	0.554	2.22E-154	B cells	PHB2
6366	FAM45A.2	4.82E-158	-0.28339	0.051	0.147	9.05E-154	B cells	FAM45A
6367	ATM.3	1.55E-157	-0.36257	0.242	0.386	2.91E-153	B cells	ATM
6368	MAZ	1.90E-157	-0.306	0.083	0.191	3.57E-153	B cells	MAZ
6369	CMC1	1.96E-157	-0.42274	0.075	0.179	3.69E-153	B cells	CMC1
6370	NQO2.1	1.20E-156	-0.25463	0.025	0.105	2.26E-152	B cells	NQO2

6371	NFKBID	2.07E-156	0.307366	0.102	0.038	3.89E-152	B cells	NFKBID
6372	BASP1.1	2.17E-156	0.251143	0.102	0.038	4.08E-152	B cells	BASP1
6373	SLC20A1	2.76E-155	-0.29942	0.043	0.132	5.19E-151	B cells	SLC20A1
6374	TMEM50A	8.13E-155	-0.33403	0.365	0.523	1.53E-150	B cells	TMEM50A
6375	ANAPC16.1	8.91E-155	0.337577	0.713	0.667	1.67E-150	B cells	ANAPC16
6376	HIGD2A.2	5.40E-154	-0.32438	0.56	0.707	1.02E-149	B cells	HIGD2A
6377	EIF4A1.3	1.53E-153	-0.3091	0.123	0.242	2.88E-149	B cells	EIF4A1
6378	HOPX.3	5.37E-153	-0.86306	0.047	0.133	1.01E-148	B cells	HOPX
6379	REXO2.1	2.54E-152	-0.33087	0.147	0.272	4.77E-148	B cells	REXO2
6380	CPPED1.2	2.99E-152	-0.33214	0.031	0.112	5.61E-148	B cells	CPPED1
6381	MSRB1.2	8.87E-152	-0.38739	0.047	0.137	1.67E-147	B cells	MSRB1
6382	DEF8.1	2.25E-151	0.401501	0.167	0.086	4.23E-147	B cells	DEF8
6383	EVI2A	3.17E-151	-0.28637	0.055	0.149	5.95E-147	B cells	EVI2A
6384	PRCP	5.15E-151	0.421945	0.23	0.139	9.67E-147	B cells	PRCP
6385	SEM1.2	6.50E-151	-0.31872	0.302	0.454	1.22E-146	B cells	SEM1
6386	SELENOH.2	7.03E-151	0.328356	0.747	0.707	1.32E-146	B cells	SELENOH
6387	UQCR10.1	7.62E-151	-0.29348	0.618	0.76	1.43E-146	B cells	UQCR10
6388	PLIN2	8.75E-151	-0.25731	0.054	0.148	1.64E-146	B cells	PLIN2
6389	GLG1	1.31E-150	-0.29241	0.141	0.266	2.46E-146	B cells	GLG1
6390	H2AFV.2	1.60E-150	-0.33061	0.253	0.398	3.00E-146	B cells	H2AFV
6391	CEBPB.1	1.74E-150	-0.3273	0.048	0.138	3.27E-146	B cells	CEBPB
6392	ARHGEF1.3	2.15E-150	-0.3442	0.439	0.596	4.04E-146	B cells	ARHGEF1
6393	RASGRP2.3	3.60E-150	0.391754	0.579	0.506	6.76E-146	B cells	RASGRP2
6394	ATP5MPL.1	3.63E-150	-0.34035	0.42	0.575	6.83E-146	B cells	ATP5MPL
6395	ACAP1.2	5.65E-150	-0.34896	0.382	0.53	1.06E-145	B cells	ACAP1
6396	C9orf78.1	3.61E-149	-0.31732	0.274	0.423	6.78E-145	B cells	C9orf78
6397	LST1.3	8.80E-149	-1.51016	0.099	0.195	1.65E-144	B cells	LST1
6398	MAP7D1	1.81E-148	-0.25702	0.035	0.117	3.39E-144	B cells	MAP7D1
6399	MAP3K8.1	3.22E-148	0.325157	0.194	0.104	6.05E-144	B cells	MAP3K8
6400	AC027097.1	4.80E-148	0.284287	0.113	0.047	9.02E-144	B cells	AC027097.1
6401	LAGE3.1	5.37E-148	-0.28402	0.143	0.268	1.01E-143	B cells	LAGE3
6402	NCF2.1	1.34E-147	-0.43314	0.035	0.115	2.51E-143	B cells	NCF2
6403	SMCHD1	2.21E-147	0.426055	0.461	0.369	4.15E-143	B cells	SMCHD1
6404	CENPK.1	1.34E-146	-0.26013	0.036	0.119	2.52E-142	B cells	CENPK
6405	ANP32B.2	2.09E-146	-0.3275	0.543	0.69	3.93E-142	B cells	ANP32B
6406	OPTN.2	3.26E-146	-0.35903	0.104	0.21	6.13E-142	B cells	OPTN
6407	RPL36A.3	3.69E-145	-0.32634	0.727	0.831	6.94E-141	B cells	RPL36A
6408	RIC3	1.27E-144	0.319795	0.145	0.069	2.38E-140	B cells	RIC3
6409	SH3BGRL.3	1.55E-144	0.338179	0.608	0.536	2.91E-140	B cells	SH3BGRL
6410	DIP2A.2	1.87E-144	-0.31008	0.066	0.161	3.50E-140	B cells	DIP2A
6411	RAP1A	2.64E-144	-0.29072	0.249	0.396	4.96E-140	B cells	RAP1A
6412	NPM1.2	8.04E-144	-0.28868	0.918	0.907	1.51E-139	B cells	NPM1
6413	NDUFS6.2	9.56E-144	-0.31044	0.257	0.401	1.80E-139	B cells	NDUFS6
6414	COX7A2.1	1.45E-143	-0.28681	0.597	0.732	2.72E-139	B cells	COX7A2
6415	DHRS7.1	1.66E-143	-0.39272	0.233	0.367	3.11E-139	B cells	DHRS7
6416	PIKFYVE	1.95E-143	0.299569	0.142	0.067	3.66E-139	B cells	PIKFYVE
6417	PHTF2	2.15E-143	0.343547	0.153	0.077	4.03E-139	B cells	PHTF2

6418	HOXB2.2	2.85E-143	-0.27417	0.056	0.148	5.35E-139	B cells	HOXB2
6419	KRAS	7.03E-143	-0.28346	0.175	0.304	1.32E-138	B cells	KRAS
6420	ANAPC15.1	7.05E-143	-0.26734	0.108	0.219	1.32E-138	B cells	ANAPC15
6421	DUSP23.2	9.91E-143	-0.27617	0.077	0.177	1.86E-138	B cells	DUSP23
6422	RNASEH2B	1.01E-142	0.438094	0.387	0.293	1.90E-138	B cells	RNASEH2B
6423	TNFAIP8L2	2.95E-142	-0.28355	0.097	0.204	5.54E-138	B cells	TNFAIP8L2
6424	PTPRCAP.2	9.73E-142	0.394982	0.551	0.454	1.83E-137	B cells	PTPRCAP
6425	RWDD1	3.34E-141	-0.29119	0.284	0.435	6.26E-137	B cells	RWDD1
6426	SMDT1.2	3.34E-141	0.315059	0.713	0.67	6.28E-137	B cells	SMDT1
6427	SCML4.2	5.51E-141	-0.33022	0.102	0.208	1.04E-136	B cells	SCML4
6428	ATP2B1-AS1	2.58E-140	0.324247	0.147	0.072	4.85E-136	B cells	ATP2B1-AS1
6429	UNC93B1.1	4.80E-140	0.310141	0.115	0.05	9.02E-136	B cells	UNC93B1
6430	TRIM38.1	4.85E-140	0.373716	0.198	0.113	9.12E-136	B cells	TRIM38
6431	THEMIS2.1	1.30E-139	-0.33287	0.09	0.191	2.45E-135	B cells	THEMIS2
6432	GRAMD1A	1.68E-139	-0.2617	0.068	0.163	3.16E-135	B cells	GRAMD1A
6433	CIRBP.2	6.70E-139	0.321512	0.784	0.759	1.26E-134	B cells	CIRBP
6434	SSBP2.2	1.22E-138	0.383185	0.192	0.109	2.29E-134	B cells	SSBP2
6435	DIAPH1.2	2.25E-138	-0.2784	0.077	0.174	4.23E-134	B cells	DIAPH1
6436	GYG1.2	2.86E-138	-0.3182	0.091	0.192	5.37E-134	B cells	GYG1
6437	SF1.2	5.43E-138	0.361026	0.634	0.576	1.02E-133	B cells	SF1
6438	ERGIC1.2	1.06E-137	0.362325	0.171	0.093	1.99E-133	B cells	ERGIC1
6439	AGTPBP1.2	3.27E-137	-0.29005	0.051	0.136	6.13E-133	B cells	AGTPBP1
6440	ATP5MF.2	3.86E-137	-0.29923	0.528	0.673	7.25E-133	B cells	ATP5MF
6441	IL10RA.3	8.03E-137	-0.34757	0.169	0.289	1.51E-132	B cells	IL10RA
6442	C7orf50.1	2.31E-136	0.489683	0.281	0.193	4.33E-132	B cells	C7orf50
6443	REX1BD	2.55E-136	-0.28934	0.351	0.508	4.79E-132	B cells	REX1BD
6444	JPT1.2	2.85E-136	-0.33162	0.212	0.342	5.36E-132	B cells	JPT1
6445	SH3YL1.2	7.88E-136	-0.33721	0.118	0.224	1.48E-131	B cells	SH3YL1
6446	SDCBP.2	9.30E-136	-0.35444	0.247	0.382	1.75E-131	B cells	SDCBP
6447	DCK.2	1.42E-134	0.41528	0.384	0.293	2.67E-130	B cells	DCK
6448	DNAJC1.2	4.06E-134	-0.25807	0.071	0.167	7.63E-130	B cells	DNAJC1
6449	ITSN2.1	5.69E-134	0.416761	0.336	0.244	1.07E-129	B cells	ITSN2
6450	VDAC3.1	1.07E-133	-0.28082	0.21	0.343	2.01E-129	B cells	VDAC3
6451	SLC3A2	8.59E-133	-0.26301	0.176	0.304	1.61E-128	B cells	SLC3A2
6452	GSTO1.3	1.08E-132	-0.33402	0.197	0.323	2.03E-128	B cells	GSTO1
6453	LPIN2.1	1.14E-132	-0.25762	0.062	0.152	2.14E-128	B cells	LPIN2
6454	CASP1.1	4.25E-132	-0.38169	0.155	0.267	7.99E-128	B cells	CASP1
6455	CDC42EP3	8.22E-132	-0.37188	0.105	0.206	1.54E-127	B cells	CDC42EP3
6456	ARHGEF3.1	1.37E-131	-0.2828	0.084	0.18	2.57E-127	B cells	ARHGEF3
6457	FAM102A.1	5.82E-131	-0.30007	0.069	0.159	1.09E-126	B cells	FAM102A
6458	SLC16A3.1	9.59E-131	-0.27736	0.052	0.135	1.80E-126	B cells	SLC16A3
6459	ST6GAL1.2	2.12E-130	0.400367	0.23	0.143	3.98E-126	B cells	ST6GAL1
6460	SPCS3.2	7.72E-130	-0.31574	0.137	0.248	1.45E-125	B cells	SPCS3
6461	CYB5A.2	8.76E-129	0.4066	0.25	0.164	1.65E-124	B cells	CYB5A
6462	WIPF1.1	3.74E-128	-0.29632	0.204	0.331	7.02E-124	B cells	WIPF1
6463	H2AFZ.2	5.63E-128	-0.35643	0.419	0.561	1.06E-123	B cells	H2AFZ
6464	NAP1L4.1	5.92E-128	-0.28196	0.18	0.303	1.11E-123	B cells	NAP1L4

6465	OSTC.2	6.11E-128	-0.29953	0.329	0.471	1.15E-123	B cells	OSTC
6466	ITM2C.2	6.95E-128	0.292058	0.217	0.128	1.31E-123	B cells	ITM2C
6467	PLSCR3.1	8.07E-128	-0.27571	0.097	0.195	1.52E-123	B cells	PLSCR3
6468	VMP1.1	2.03E-127	-0.30074	0.117	0.223	3.82E-123	B cells	VMP1
6469	SMPD1.2	2.27E-127	-0.25907	0.069	0.159	4.26E-123	B cells	SMPD1
6470	TAGAP.3	5.15E-127	0.409786	0.476	0.384	9.68E-123	B cells	TAGAP
6471	CARS	1.78E-126	-0.25764	0.087	0.183	3.34E-122	B cells	CARS
6472	TWF2.1	1.79E-126	-0.28868	0.328	0.472	3.35E-122	B cells	TWF2
6473	CCSER2.3	2.34E-126	-0.26097	0.061	0.147	4.40E-122	B cells	CCSER2
6474	SCPEP1.1	2.37E-126	0.404181	0.203	0.122	4.44E-122	B cells	SCPEP1
6475	HM13.2	2.29E-125	-0.30319	0.222	0.348	4.30E-121	B cells	HM13
6476	METTL21A	4.66E-125	0.347036	0.192	0.113	8.76E-121	B cells	METTL21A
6477	METTL9.2	1.65E-124	-0.29683	0.225	0.355	3.10E-120	B cells	METTL9
6478	ITGAM.1	1.87E-124	-0.32583	0.031	0.101	3.52E-120	B cells	ITGAM
6479	ATOX1.3	1.98E-124	-0.30392	0.154	0.266	3.72E-120	B cells	ATOX1
6480	SH3TC1.1	2.05E-124	0.280233	0.106	0.046	3.84E-120	B cells	SH3TC1
6481	CEPT1	2.39E-124	0.34676	0.174	0.098	4.50E-120	B cells	CEPT1
6482	ARID5B.2	2.96E-124	0.385738	0.298	0.203	5.55E-120	B cells	ARID5B
6483	HMGN2.1	3.14E-124	0.267539	0.787	0.74	5.89E-120	B cells	HMGN2
6484	ZNF581.1	3.39E-124	0.386099	0.246	0.161	6.36E-120	B cells	ZNF581
6485	RNF41	3.52E-124	0.314375	0.154	0.082	6.61E-120	B cells	RNF41
6486	CD48.2	4.54E-123	-0.2998	0.312	0.451	8.54E-119	B cells	CD48
6487	LINC01215	1.70E-120	0.274154	0.115	0.053	3.18E-116	B cells	LINC01215
6488	UFD1.1	1.86E-120	-0.25249	0.179	0.299	3.49E-116	B cells	UFD1
6489	TSC22D4	2.14E-120	-0.28392	0.239	0.368	4.03E-116	B cells	TSC22D4
6490	PNPLA8	3.11E-120	0.358069	0.2	0.121	5.84E-116	B cells	PNPLA8
6491	HIST1H2BK	4.06E-120	0.342316	0.159	0.087	7.63E-116	B cells	HIST1H2BK
6492	SOD1.2	7.13E-120	-0.27775	0.599	0.731	1.34E-115	B cells	SOD1
6493	TPM3.2	1.79E-119	-0.32378	0.651	0.755	3.36E-115	B cells	TPM3
6494	MRPL41.1	9.40E-119	-0.26413	0.264	0.397	1.77E-114	B cells	MRPL41
6495	FAM200B	1.86E-118	-0.25938	0.124	0.229	3.49E-114	B cells	FAM200B
6496	AC119396	1.87E-118	0.39727	0.324	0.236	3.51E-114	B cells	AC119396.1
6497	RGS14	5.66E-118	-0.27671	0.194	0.313	1.06E-113	B cells	RGS14
6498	PIIB.1	1.33E-117	-0.42398	0.72	0.815	2.49E-113	B cells	PIIB
6499	LTA4H.2	1.88E-117	0.325464	0.415	0.325	3.52E-113	B cells	LTA4H
6500	APOBEC3C	2.71E-117	0.345079	0.183	0.108	5.08E-113	B cells	APOBEC3C
6501	COX7A2L	5.40E-117	-0.25714	0.42	0.57	1.01E-112	B cells	COX7A2L
6502	SSR4.1	6.05E-117	-0.33591	0.595	0.715	1.14E-112	B cells	SSR4
6503	DCTN3	7.90E-117	-0.25946	0.266	0.401	1.48E-112	B cells	DCTN3
6504	SLC2A3.3	1.39E-116	-0.38539	0.146	0.25	2.60E-112	B cells	SLC2A3
6505	NDUFA6.2	1.78E-116	-0.28431	0.296	0.43	3.34E-112	B cells	NDUFA6
6506	SMPD2	6.27E-116	0.289395	0.119	0.057	1.18E-111	B cells	SMPD2
6507	P4HB.1	1.61E-115	-0.33311	0.292	0.418	3.02E-111	B cells	P4HB
6508	TTC39C.1	2.87E-115	-0.25504	0.064	0.146	5.40E-111	B cells	TTC39C
6509	ARID5A.1	3.52E-115	-0.26855	0.115	0.213	6.62E-111	B cells	ARID5A
6510	GABPB1-AS1	9.14E-115	0.387972	0.238	0.157	1.72E-110	B cells	GABPB1-AS1
6511	B4GALT1	1.53E-114	0.326516	0.172	0.098	2.87E-110	B cells	B4GALT1

6512	PGAM1.2	1.63E-114	-0.33503	0.403	0.53	3.06E-110	B cells	PGAM1
6513	HACD4.2	2.25E-114	-0.26207	0.152	0.261	4.23E-110	B cells	HACD4
6514	CDC42.2	1.14E-113	-0.27805	0.556	0.692	2.13E-109	B cells	CDC42
6515	MCUB.3	1.60E-113	-0.31131	0.417	0.55	3.00E-109	B cells	MCUB
6516	ITGB1.1	5.48E-113	-0.35526	0.128	0.227	1.03E-108	B cells	ITGB1
6517	APH1A.1	6.35E-113	0.361515	0.474	0.41	1.19E-108	B cells	APH1A
6518	ARL4A	1.25E-112	0.31553	0.139	0.074	2.35E-108	B cells	ARL4A
6519	PTP4A2.1	4.36E-112	-0.27629	0.222	0.343	8.19E-108	B cells	PTP4A2
6520	PPP3CC.1	7.10E-112	0.371318	0.3	0.215	1.33E-107	B cells	PPP3CC
6521	NUP88	1.20E-111	0.290809	0.129	0.066	2.25E-107	B cells	NUP88
6522	STMN3.2	1.68E-111	-0.27306	0.119	0.217	3.15E-107	B cells	STMN3
6523	RAC1.1	1.77E-111	-0.41098	0.41	0.527	3.33E-107	B cells	RAC1
6524	DEGS1.2	4.44E-111	0.411838	0.279	0.199	8.33E-107	B cells	DEGS1
6525	NDUFB4.1	9.90E-111	-0.26025	0.457	0.604	1.86E-106	B cells	NDUFB4
6526	SYNE1.1	1.13E-110	-0.30018	0.101	0.192	2.12E-106	B cells	SYNE1
6527	SUSD3.3	1.32E-109	-0.28062	0.154	0.258	2.48E-105	B cells	SUSD3
6528	ATP6AP2	1.35E-109	-0.25107	0.289	0.425	2.54E-105	B cells	ATP6AP2
6529	EIF1AY	2.37E-109	0.389798	0.177	0.106	4.45E-105	B cells	EIF1AY
6530	TSC22D3.1	2.95E-109	0.573614	0.636	0.61	5.54E-105	B cells	TSC22D3
6531	APRT.2	9.70E-109	-0.25956	0.653	0.781	1.82E-104	B cells	APRT
6532	ARMH1.3	1.06E-108	-0.28728	0.121	0.217	1.99E-104	B cells	ARMH1
6533	CAP1.3	1.21E-107	-0.30026	0.486	0.615	2.27E-103	B cells	CAP1
6534	RABEP1	4.78E-107	0.359406	0.195	0.122	8.97E-103	B cells	RABEP1
6535	PNISR.2	6.08E-107	0.338227	0.591	0.543	1.14E-102	B cells	PNISR
6536	NDUFA11.1	1.76E-106	-0.25827	0.357	0.496	3.31E-102	B cells	NDUFA11
6537	SNX5	2.36E-106	0.362341	0.273	0.192	4.43E-102	B cells	SNX5
6538	SOD2.2	2.40E-106	-0.3993	0.121	0.217	4.50E-102	B cells	SOD2
6539	TYMP.2	1.26E-105	-0.99187	0.151	0.233	2.36E-101	B cells	TYMP
6540	PCK2.1	1.60E-105	0.28701	0.129	0.067	3.01E-101	B cells	PCK2
6541	CAT.2	8.53E-105	0.374389	0.321	0.243	1.60E-100	B cells	CAT
6542	PPP1CC.1	9.66E-105	0.350062	0.49	0.429	1.82E-100	B cells	PPP1CC
6543	MT-ND3.2	1.08E-104	0.276478	0.973	0.971	2.02E-100	B cells	MT-ND3
6544	ROMO1.3	2.17E-104	-0.26289	0.337	0.469	4.08E-100	B cells	ROMO1
6545	OCIAD2.1	4.58E-104	-0.31729	0.341	0.459	8.61E-100	B cells	OCIAD2
6546	RGS2.1	6.17E-104	-0.43195	0.036	0.1	1.16E-99	B cells	RGS2
6547	VAMP8.3	1.01E-103	-0.30733	0.488	0.615	1.89E-99	B cells	VAMP8
6548	ARL6IP5.1	1.16E-103	-0.27525	0.543	0.68	2.17E-99	B cells	ARL6IP5
6549	SNAP23.1	2.44E-103	0.357433	0.33	0.25	4.59E-99	B cells	SNAP23
6550	PA2G4.1	9.58E-103	-0.25278	0.354	0.49	1.80E-98	B cells	PA2G4
6551	TCIRG1.1	1.75E-102	-0.33402	0.178	0.28	3.28E-98	B cells	TCIRG1
6552	HMGB2.3	2.74E-102	-0.33376	0.191	0.298	5.15E-98	B cells	HMGB2
6553	ATG4C.1	3.68E-102	0.285957	0.122	0.063	6.92E-98	B cells	ATG4C
6554	AIDA.1	5.08E-102	0.306857	0.148	0.083	9.55E-98	B cells	AIDA
6555	TCEA1.1	2.47E-101	0.333464	0.524	0.481	4.63E-97	B cells	TCEA1
6556	PYCARD.2	2.55E-101	-0.56729	0.293	0.392	4.80E-97	B cells	PYCARD
6557	GNAI2.1	3.85E-101	-0.32418	0.196	0.301	7.23E-97	B cells	GNAI2
6558	ARHGAP3C	4.38E-101	-0.25866	0.227	0.343	8.23E-97	B cells	ARHGAP30

6559	DAD1.1	4.77E-101	-0.2662	0.484	0.619	8.96E-97	B cells	DAD1
6560	MAP4K1.1	1.14E-100	0.325296	0.245	0.166	2.15E-96	B cells	MAP4K1
6561	ARPC2.3	1.80E-100	-0.30269	0.811	0.877	3.39E-96	B cells	ARPC2
6562	PPP3CA	2.13E-100	0.272866	0.132	0.07	4.00E-96	B cells	PPP3CA
6563	BSG.1	6.93E-100	-0.27691	0.339	0.471	1.30E-95	B cells	BSG
6564	PIK3R1.1	7.61E-100	-0.25212	0.127	0.221	1.43E-95	B cells	PIK3R1
6565	PLP2.1	9.90E-100	0.308507	0.436	0.35	1.86E-95	B cells	PLP2
6566	EPB41.2	3.45E-99	-0.26713	0.208	0.318	6.48E-95	B cells	EPB41
6567	FLOT2	5.59E-99	0.348335	0.368	0.292	1.05E-94	B cells	FLOT2
6568	PRMT1.1	3.12E-98	0.338895	0.456	0.388	5.86E-94	B cells	PRMT1
6569	NUP214.2	7.60E-98	-0.28895	0.086	0.167	1.43E-93	B cells	NUP214
6570	ANXA6.2	1.85E-97	0.296895	0.622	0.567	3.48E-93	B cells	ANXA6
6571	APBB1IP.1	2.00E-97	-0.25163	0.356	0.49	3.75E-93	B cells	APBB1IP
6572	ABLIM1.3	3.04E-97	-0.30298	0.199	0.301	5.70E-93	B cells	ABLIM1
6573	MEF2A	5.49E-97	0.32472	0.188	0.118	1.03E-92	B cells	MEF2A
6574	RUNX3	1.27E-96	-0.2533	0.063	0.135	2.39E-92	B cells	RUNX3
6575	ATP5MC3.	4.25E-96	-0.25026	0.59	0.709	7.98E-92	B cells	ATP5MC3
6576	VPS37B	4.27E-96	0.311272	0.194	0.123	8.02E-92	B cells	VPS37B
6577	BTN3A2.2	5.08E-95	-0.25483	0.178	0.281	9.55E-91	B cells	BTN3A2
6578	OFD1.1	8.87E-95	0.325147	0.252	0.175	1.67E-90	B cells	OFD1
6579	RHOH.3	9.50E-95	0.319787	0.512	0.441	1.79E-90	B cells	RHOH
6580	NT5C3A	1.55E-94	0.322756	0.267	0.192	2.91E-90	B cells	NT5C3A
6581	RHOF.1	3.59E-94	-0.25418	0.232	0.342	6.75E-90	B cells	RHOF
6582	DRAP1.1	6.99E-94	-0.27079	0.445	0.573	1.31E-89	B cells	DRAP1
6583	LAPTM4A.	1.68E-93	0.325425	0.426	0.358	3.16E-89	B cells	LAPTM4A
6584	COX5A.3	2.21E-93	-0.25428	0.469	0.593	4.14E-89	B cells	COX5A
6585	KLF6.3	2.50E-93	-0.38253	0.244	0.345	4.70E-89	B cells	KLF6
6586	CSNK1G3	1.36E-92	0.271564	0.116	0.061	2.56E-88	B cells	CSNK1G3
6587	DBNL.2	7.89E-92	0.355826	0.428	0.366	1.48E-87	B cells	DBNL
6588	EIF1B.2	1.34E-91	0.346993	0.418	0.356	2.51E-87	B cells	EIF1B
6589	CARD16.2	1.83E-91	-0.38991	0.315	0.418	3.43E-87	B cells	CARD16
6590	LAMTOR4.	8.96E-91	-0.28038	0.514	0.636	1.68E-86	B cells	LAMTOR4
6591	RNH1.1	9.48E-91	-0.27512	0.292	0.407	1.78E-86	B cells	RNH1
6592	MYDGF.1	1.25E-90	-0.30588	0.219	0.325	2.36E-86	B cells	MYDGF
6593	PIM2.2	2.16E-90	-0.30777	0.232	0.333	4.05E-86	B cells	PIM2
6594	CHST12.3	4.44E-90	-0.32054	0.097	0.174	8.33E-86	B cells	CHST12
6595	MX1	5.71E-90	0.351222	0.246	0.172	1.07E-85	B cells	MX1
6596	ISCU.1	2.33E-89	0.321777	0.548	0.511	4.37E-85	B cells	ISCU
6597	CHI3L2.2	1.39E-88	0.361553	0.208	0.137	2.61E-84	B cells	CHI3L2
6598	AP1B1	3.34E-88	0.288791	0.138	0.08	6.27E-84	B cells	AP1B1
6599	LBH.3	4.80E-88	0.309432	0.542	0.47	9.01E-84	B cells	LBH
6600	RGS19.2	5.38E-88	0.31062	0.461	0.389	1.01E-83	B cells	RGS19
6601	ARPC1B.1	7.00E-88	-0.28486	0.391	0.507	1.32E-83	B cells	ARPC1B
6602	NDUFB7.2	2.78E-87	-0.25862	0.367	0.489	5.23E-83	B cells	NDUFB7
6603	PRDM2.1	1.24E-86	0.287762	0.165	0.101	2.33E-82	B cells	PRDM2
6604	TRIM13	1.37E-86	0.267014	0.137	0.078	2.58E-82	B cells	TRIM13
6605	UTP6	2.10E-86	0.325416	0.197	0.131	3.94E-82	B cells	UTP6

6606	ITGB7.3	1.42E-85	-0.2828	0.181	0.274	2.67E-81	B cells	ITGB7
6607	PRELID1.2	3.07E-85	-0.37504	0.438	0.537	5.76E-81	B cells	PRELID1
6608	PHF21A.1	6.67E-85	0.282178	0.121	0.067	1.25E-80	B cells	PHF21A
6609	AL138963.	2.28E-83	-0.39613	0.15	0.239	4.28E-79	B cells	AL138963.3
6610	WDR11	4.39E-83	0.267023	0.121	0.067	8.25E-79	B cells	WDR11
6611	REEP5.3	2.88E-82	0.297723	0.38	0.309	5.41E-78	B cells	REEP5
6612	TBC1D5	2.23E-81	0.276332	0.159	0.098	4.18E-77	B cells	TBC1D5
6613	IFI16.1	4.43E-81	0.354871	0.358	0.29	8.31E-77	B cells	IFI16
6614	SSBP4.2	4.53E-81	0.289585	0.213	0.145	8.52E-77	B cells	SSBP4
6615	FKBP1A.2	6.12E-81	-0.2772	0.502	0.612	1.15E-76	B cells	FKBP1A
6616	DUSP22	1.20E-80	0.305715	0.157	0.098	2.25E-76	B cells	DUSP22
6617	IQCB1	2.10E-80	0.263446	0.122	0.069	3.94E-76	B cells	IQCB1
6618	HSPA5.2	6.46E-80	-0.36924	0.314	0.418	1.21E-75	B cells	HSPA5
6619	ALDH16A1	2.11E-79	0.309306	0.189	0.127	3.96E-75	B cells	ALDH16A1
6620	TRPT1.1	4.14E-79	0.336047	0.259	0.192	7.78E-75	B cells	TRPT1
6621	TRIM22.1	8.37E-79	0.32409	0.44	0.377	1.57E-74	B cells	TRIM22
6622	FDFT1.3	3.65E-77	0.328185	0.419	0.364	6.86E-73	B cells	FDFT1
6623	NAMPT.2	3.94E-77	-0.55091	0.084	0.153	7.41E-73	B cells	NAMPT
6624	LYSMD2.1	1.19E-76	0.330891	0.303	0.238	2.24E-72	B cells	LYSMD2
6625	DNAJC4.1	1.83E-76	0.333485	0.357	0.294	3.43E-72	B cells	DNAJC4
6626	SECISBP2L	3.36E-76	0.312141	0.192	0.13	6.30E-72	B cells	SECISBP2L
6627	IQSEC1	2.21E-75	0.25585	0.14	0.085	4.15E-71	B cells	IQSEC1
6628	SIT1.3	3.58E-75	0.318263	0.307	0.235	6.72E-71	B cells	SIT1
6629	SNX9.1	4.71E-75	0.298559	0.151	0.095	8.84E-71	B cells	SNX9
6630	KMT2E.1	7.88E-74	0.309824	0.483	0.436	1.48E-69	B cells	KMT2E
6631	HIST1H1C.	3.49E-73	0.335615	0.213	0.151	6.55E-69	B cells	HIST1H1C
6632	WDSUB1	3.32E-72	0.260482	0.118	0.068	6.24E-68	B cells	WDSUB1
6633	APEX1.2	6.54E-72	0.280271	0.516	0.47	1.23E-67	B cells	APEX1
6634	SLC44A2.2	2.21E-70	0.308871	0.38	0.319	4.15E-66	B cells	SLC44A2
6635	THRAP3.2	2.72E-70	0.302716	0.459	0.413	5.11E-66	B cells	THRAP3
6636	TNFAIP8.3	3.47E-70	0.291323	0.525	0.482	6.52E-66	B cells	TNFAIP8
6637	WARS.2	3.55E-70	-0.35291	0.085	0.15	6.68E-66	B cells	WARS
6638	SSR3.2	4.70E-69	-0.25236	0.215	0.307	8.83E-65	B cells	SSR3
6639	OSER1.1	3.51E-68	0.306067	0.226	0.167	6.60E-64	B cells	OSER1
6640	TALDO1.2	1.36E-67	-0.41277	0.415	0.507	2.55E-63	B cells	TALDO1
6641	CCNB1IP1.	3.03E-67	0.251587	0.158	0.103	5.70E-63	B cells	CCNB1IP1
6642	CLASRP	4.61E-67	0.288929	0.186	0.129	8.66E-63	B cells	CLASRP
6643	TLN1.2	3.82E-66	-0.25911	0.18	0.262	7.17E-62	B cells	TLN1
6644	OSGEP.1	7.76E-66	0.315052	0.247	0.188	1.46E-61	B cells	OSGEP
6645	TMEM134.	9.73E-66	0.299321	0.285	0.224	1.83E-61	B cells	TMEM134
6646	TOR3A.1	1.02E-65	0.278516	0.181	0.125	1.91E-61	B cells	TOR3A
6647	PWP1.1	1.82E-65	0.319812	0.29	0.232	3.42E-61	B cells	PWP1
6648	CNPPD1.1	1.35E-64	0.301772	0.314	0.255	2.53E-60	B cells	CNPPD1
6649	CCS.1	1.01E-63	0.328059	0.329	0.273	1.89E-59	B cells	CCS
6650	JMJD1C	6.85E-63	0.314334	0.285	0.227	1.29E-58	B cells	JMJD1C
6651	AC016831.	3.62E-62	0.265642	0.175	0.119	6.79E-58	B cells	AC016831.7
6652	PSAP.2	8.20E-62	-0.77033	0.353	0.429	1.54E-57	B cells	PSAP

6653	SP140L.2	9.08E-62	0.304444	0.238	0.181	1.71E-57	B cells	SP140L
6654	OAS1.2	3.11E-61	0.258298	0.202	0.143	5.83E-57	B cells	OAS1
6655	NGLY1	3.06E-59	0.283908	0.231	0.174	5.74E-55	B cells	NGLY1
6656	PIP4P1.1	3.79E-59	0.272491	0.184	0.13	7.12E-55	B cells	PIP4P1
6657	MANBA.2	1.97E-57	0.270056	0.16	0.11	3.71E-53	B cells	MANBA
6658	ANKRD10.1	1.02E-56	0.298922	0.296	0.242	1.91E-52	B cells	ANKRD10
6659	AP3B1	2.89E-55	0.311028	0.196	0.145	5.42E-51	B cells	AP3B1
6660	TNIP1.1	7.79E-55	0.275686	0.303	0.25	1.46E-50	B cells	TNIP1
6661	ARHGAP25	3.52E-53	0.251135	0.24	0.184	6.62E-49	B cells	ARHGAP25
6662	AFTPH	3.41E-52	0.253593	0.155	0.107	6.41E-48	B cells	AFTPH
6663	NSD3.2	4.39E-52	0.293758	0.368	0.322	8.25E-48	B cells	NSD3
6664	IMPDH2.3	9.91E-52	0.252255	0.419	0.373	1.86E-47	B cells	IMPDH2
6665	ANXA2.2	3.49E-51	-0.58538	0.268	0.317	6.56E-47	B cells	ANXA2
6666	IER2.2	4.63E-51	-0.40386	0.431	0.52	8.70E-47	B cells	IER2
6667	PARVG.2	4.66E-51	0.263897	0.369	0.317	8.75E-47	B cells	PARVG
6668	KDM4C.1	7.51E-51	0.251132	0.172	0.123	1.41E-46	B cells	KDM4C
6669	CYBC1.1	7.49E-49	0.265656	0.433	0.397	1.41E-44	B cells	CYBC1
6670	SMIM29.1	1.54E-48	0.256357	0.218	0.167	2.90E-44	B cells	SMIM29
6671	HSPA4	2.00E-48	0.293896	0.235	0.188	3.75E-44	B cells	HSPA4
6672	WDR74.2	2.17E-48	0.29281	0.256	0.206	4.09E-44	B cells	WDR74
6673	HSD17B4.1	1.13E-47	0.257622	0.154	0.109	2.13E-43	B cells	HSD17B4
6674	PTPN1	9.11E-47	0.279135	0.235	0.188	1.71E-42	B cells	PTPN1
6675	SET.2	1.80E-46	0.256443	0.418	0.378	3.39E-42	B cells	SET
6676	TANK	1.96E-46	0.265449	0.2	0.153	3.69E-42	B cells	TANK
6677	AHNAK.1	2.14E-46	-0.3636	0.211	0.274	4.02E-42	B cells	AHNAK
6678	NIPA2	4.82E-46	0.257743	0.198	0.151	9.06E-42	B cells	NIPA2
6679	IFNAR1	5.05E-44	0.284014	0.242	0.197	9.48E-40	B cells	IFNAR1
6680	PNRC2.1	1.15E-43	0.253132	0.408	0.374	2.16E-39	B cells	PNRC2
6681	ZNF580	5.29E-43	0.272859	0.196	0.152	9.93E-39	B cells	ZNF580
6682	PTK2B	7.68E-43	0.280869	0.249	0.204	1.44E-38	B cells	PTK2B
6683	AC004687.1	1.86E-42	0.252337	0.259	0.209	3.50E-38	B cells	AC004687.1
6684	STX5	8.18E-42	0.263177	0.199	0.156	1.54E-37	B cells	STX5
6685	MAF1.2	2.12E-38	0.25081	0.418	0.393	3.98E-34	B cells	MAF1
6686	GLO1	5.72E-38	0.267433	0.205	0.164	1.07E-33	B cells	GLO1
6687	CDK5RAP3	2.06E-37	0.260698	0.329	0.293	3.87E-33	B cells	CDK5RAP3
6688	RPA3.1	3.90E-37	0.252571	0.263	0.222	7.33E-33	B cells	RPA3
6689	TAF1D.3	1.82E-36	0.250962	0.347	0.31	3.41E-32	B cells	TAF1D
6690	DARS.1	5.11E-36	0.251496	0.301	0.262	9.60E-32	B cells	DARS
6691	SMAP2.3	6.57E-36	0.296519	0.273	0.235	1.23E-31	B cells	SMAP2
6692	HSP90B1.2	1.52E-35	-0.37686	0.446	0.525	2.86E-31	B cells	HSP90B1
6693	ECHDC1	1.10E-32	0.251854	0.261	0.225	2.06E-28	B cells	ECHDC1
6694	MT-ATP8.1	3.19E-24	0.257833	0.419	0.399	5.99E-20	B cells	MT-ATP8
6695	ANXA5.2	5.73E-23	-0.33962	0.247	0.28	1.08E-18	B cells	ANXA5
6696	BCL2A1.1	5.95E-15	-0.36719	0.145	0.173	1.12E-10	B cells	BCL2A1
6697	RPS26.2	4.64E-14	0.284442	0.924	0.955	8.71E-10	B cells	RPS26
6698	GSTP1.3	4.66E-09	-0.31727	0.514	0.536	8.76E-05	B cells	GSTP1
6699	SLC25A37.1	2.09E-08	-0.32311	0.096	0.115	0.000392	B cells	SLC25A37

6702	GZMH.3	1.69E-187	1.629885	0.839	0.098	3.18E-183	Mixed	GZMH
6703	GZMB.3	1.41E-181	2.01808	0.845	0.104	2.65E-177	Mixed	GZMB
6704	CCL4.3	6.48E-165	1.216099	0.813	0.102	1.22E-160	Mixed	CCL4
6705	FGFBP2.4	4.53E-158	1.652996	0.768	0.098	8.50E-154	Mixed	FGFBP2
6706	PRSS23	2.96E-156	0.962409	0.581	0.057	5.56E-152	Mixed	PRSS23
6707	S1PR5	4.90E-155	0.988577	0.639	0.068	9.21E-151	Mixed	S1PR5
6708	GZMA.3	3.08E-150	1.557962	0.897	0.134	5.79E-146	Mixed	GZMA
6709	CST7.2	3.45E-149	1.752453	0.987	0.167	6.48E-145	Mixed	CST7
6710	GNLY.3	6.52E-143	2.006217	0.735	0.099	1.22E-138	Mixed	GNLY
6711	PRF1.4	5.55E-141	1.811252	0.942	0.172	1.04E-136	Mixed	PRF1
6712	CCL5.4	5.04E-138	1.886187	0.884	0.146	9.47E-134	Mixed	CCL5
6713	ADGRG1	5.12E-136	0.97197	0.555	0.059	9.61E-132	Mixed	ADGRG1
6714	NKG7.3	3.14E-133	2.105064	0.987	0.201	5.90E-129	Mixed	NKG7
6715	SPON2.2	1.06E-128	1.526531	0.684	0.096	1.99E-124	Mixed	SPON2
6716	KLRD1.2	1.39E-124	1.14191	0.697	0.096	2.60E-120	Mixed	KLRD1
6717	HOPX.4	8.59E-117	1.250242	0.716	0.109	1.61E-112	Mixed	HOPX
6718	FCRL6	4.86E-109	0.779493	0.477	0.054	9.12E-105	Mixed	FCRL6
6719	CLIC3.3	7.41E-102	1.429609	0.652	0.105	1.39E-97	Mixed	CLIC3
6720	CTSW.4	4.87E-100	1.482495	0.981	0.251	9.16E-96	Mixed	CTSW
6721	FCGR3A.4	1.33E-98	0.910125	0.716	0.119	2.50E-94	Mixed	FCGR3A
6722	TTC38.1	6.60E-95	0.98495	0.535	0.077	1.24E-90	Mixed	TTC38
6723	TRDC.1	1.13E-93	0.706363	0.542	0.075	2.12E-89	Mixed	TRDC
6724	CX3CR1.2	4.84E-91	0.969448	0.6	0.096	9.09E-87	Mixed	CX3CR1
6725	KLRB1.3	1.39E-83	1.193333	0.645	0.118	2.61E-79	Mixed	KLRB1
6726	TBX21	6.29E-81	0.71041	0.381	0.046	1.18E-76	Mixed	TBX21
6727	XCL2	4.59E-80	0.877434	0.381	0.047	8.63E-76	Mixed	XCL2
6728	FASLG	8.15E-78	0.438332	0.277	0.027	1.53E-73	Mixed	FASLG
6729	SH2D1B	2.77E-76	0.651341	0.355	0.043	5.21E-72	Mixed	SH2D1B
6730	IL2RB.1	2.07E-74	0.770407	0.523	0.086	3.88E-70	Mixed	IL2RB
6731	KLRF1	1.08E-72	0.677458	0.368	0.047	2.03E-68	Mixed	KLRF1
6732	C1orf21	9.39E-71	0.48621	0.381	0.05	1.76E-66	Mixed	C1orf21
6733	LAIR2	1.57E-70	0.903775	0.458	0.072	2.95E-66	Mixed	LAIR2
6734	CCL4L2	4.27E-69	0.519794	0.303	0.035	8.03E-65	Mixed	CCL4L2
6735	MATK.3	4.33E-67	0.893677	0.581	0.115	8.13E-63	Mixed	MATK
6736	PTGDR	1.54E-65	0.52295	0.329	0.042	2.90E-61	Mixed	PTGDR
6737	KLRC1	2.02E-63	0.789797	0.29	0.035	3.80E-59	Mixed	KLRC1
6738	C12orf75.3	3.15E-62	0.868165	0.781	0.2	5.92E-58	Mixed	C12orf75
6739	TGFBR3	1.01E-58	0.438239	0.29	0.036	1.89E-54	Mixed	TGFBR3
6740	LGALS9B	9.13E-57	0.411187	0.181	0.016	1.71E-52	Mixed	LGALS9B
6741	TRGC1	4.90E-56	0.437958	0.284	0.036	9.20E-52	Mixed	TRGC1
6742	APMAP.2	1.38E-55	0.899355	0.761	0.217	2.59E-51	Mixed	APMAP
6743	MS4A1.4	2.54E-55	0.690555	0.987	0.27	4.78E-51	Mixed	MS4A1
6744	SH2D2A.3	7.19E-55	0.840198	0.6	0.138	1.35E-50	Mixed	SH2D2A
6745	TRGV9	6.63E-54	0.995462	0.303	0.043	1.25E-49	Mixed	TRGV9
6746	APOBEC3G	1.11E-52	1.035499	0.742	0.218	2.09E-48	Mixed	APOBEC3G
6747	CD160	3.02E-52	0.417177	0.252	0.031	5.68E-48	Mixed	CD160
6748	TCL1A.4	3.22E-52	0.777383	0.774	0.204	6.05E-48	Mixed	TCL1A

6749 RHOC.2	1.08E-51	0.719823	0.503	0.107	2.04E-47	Mixed	RHOC
6750 IGHM.3	3.13E-51	0.675649	0.865	0.257	5.88E-47	Mixed	IGHM
6751 PLEK.2	5.69E-51	0.856874	0.781	0.234	1.07E-46	Mixed	PLEK
6752 ZNF683	8.05E-50	0.801872	0.258	0.035	1.51E-45	Mixed	ZNF683
6753 CD300A.3	1.46E-48	0.812353	0.574	0.144	2.74E-44	Mixed	CD300A
6754 CD79A.3	3.12E-48	0.733075	0.987	0.306	5.86E-44	Mixed	CD79A
6755 ASCL2	9.07E-48	0.433541	0.29	0.044	1.70E-43	Mixed	ASCL2
6756 TSPAN13.2	1.80E-47	0.455745	0.523	0.113	3.39E-43	Mixed	TSPAN13
6757 DUSP2.2	7.42E-47	1.046107	0.542	0.136	1.39E-42	Mixed	DUSP2
6758 NMUR1	1.46E-46	0.332921	0.187	0.02	2.74E-42	Mixed	NMUR1
6759 IGHD.3	1.99E-46	0.53411	0.555	0.127	3.73E-42	Mixed	IGHD
6760 PYHIN1.1	4.27E-46	0.599896	0.426	0.086	8.02E-42	Mixed	PYHIN1
6761 LINC00926	6.84E-46	0.61561	0.71	0.19	1.29E-41	Mixed	LINC00926
6762 HLA-DRB5.	1.90E-45	0.932411	0.961	0.391	3.57E-41	Mixed	HLA-DRB5
6763 BANK1.2	4.72E-45	0.619702	0.755	0.207	8.87E-41	Mixed	BANK1
6764 PDLIM1.3	5.18E-45	0.553132	0.69	0.182	9.74E-41	Mixed	PDLIM1
6765 IGHV5-78.	8.14E-45	0.5667	0.516	0.118	1.53E-40	Mixed	IGHV5-78
6766 ABI3.3	1.20E-44	0.734593	0.632	0.172	2.26E-40	Mixed	ABI3
6767 MLC1	5.33E-44	0.307303	0.161	0.016	1.00E-39	Mixed	MLC1
6768 HLA-DQA1	8.09E-44	0.618106	0.884	0.276	1.52E-39	Mixed	HLA-DQA1
6769 HLA-DQB1	8.68E-44	0.591544	0.923	0.297	1.63E-39	Mixed	HLA-DQB1
6770 PLA2G16.1	8.22E-43	0.498431	0.348	0.065	1.54E-38	Mixed	PLA2G16
6771 HLA-DQA2	2.13E-42	0.881123	0.71	0.213	4.00E-38	Mixed	HLA-DQA2
6772 EFHD2.3	6.18E-42	0.757599	0.561	0.149	1.16E-37	Mixed	EFHD2
6773 FAM129C.	7.22E-42	0.665603	0.639	0.173	1.36E-37	Mixed	FAM129C
6774 CD19.4	3.75E-41	0.502931	0.703	0.194	7.04E-37	Mixed	CD19
6775 CD79B.4	6.56E-41	0.637551	0.89	0.308	1.23E-36	Mixed	CD79B
6776 PLEKHF1.2	1.82E-40	0.481356	0.419	0.09	3.43E-36	Mixed	PLEKHF1
6777 KIR3DL2	3.56E-40	0.386544	0.174	0.02	6.68E-36	Mixed	KIR3DL2
6778 MYOM2	1.64E-39	1.02712	0.335	0.067	3.08E-35	Mixed	MYOM2
6779 TRDV2	6.30E-39	1.254642	0.181	0.022	1.18E-34	Mixed	TRDV2
6780 B2M.4	6.55E-38	0.417039	1	0.999	1.23E-33	Mixed	B2M
6781 HLA-DPB1.	9.08E-38	0.848732	1	0.452	1.71E-33	Mixed	HLA-DPB1
6782 PAX5.1	1.29E-37	0.38103	0.348	0.069	2.43E-33	Mixed	PAX5
6783 PPP2R2B	1.96E-37	0.302546	0.181	0.023	3.67E-33	Mixed	PPP2R2B
6784 KIR2DL3	3.05E-37	0.461687	0.142	0.015	5.73E-33	Mixed	KIR2DL3
6785 NCR1	3.87E-37	0.283699	0.161	0.019	7.27E-33	Mixed	NCR1
6786 VPREB3.4	1.14E-36	0.424558	0.658	0.187	2.14E-32	Mixed	VPREB3
6787 HVCN1.4	1.15E-36	0.658436	0.794	0.282	2.16E-32	Mixed	HVCN1
6788 XCL1	1.49E-36	0.33723	0.226	0.034	2.80E-32	Mixed	XCL1
6789 NCR3.2	1.68E-36	0.520543	0.471	0.117	3.15E-32	Mixed	NCR3
6790 CD99.2	3.01E-36	0.840285	0.981	0.54	5.66E-32	Mixed	CD99
6791 CHST12.4	2.06E-35	0.560141	0.542	0.153	3.88E-31	Mixed	CHST12
6792 HLA-B.2	5.21E-35	0.611822	1	0.992	9.78E-31	Mixed	HLA-B
6793 AKR1C3.1	1.81E-34	0.460793	0.213	0.033	3.40E-30	Mixed	AKR1C3
6794 CD40.4	2.05E-34	0.429959	0.555	0.153	3.84E-30	Mixed	CD40
6795 TPST2.1	2.69E-34	0.637447	0.69	0.237	5.06E-30	Mixed	TPST2

6796	BLK.4	5.52E-34	0.446809	0.516	0.136	1.04E-29	Mixed	BLK
6797	LINC00299	7.47E-34	0.290366	0.116	0.011	1.40E-29	Mixed	LINC00299
6798	CD247.4	8.05E-34	0.832591	0.871	0.382	1.51E-29	Mixed	CD247
6799	PLEKHG3	9.67E-34	0.269942	0.161	0.02	1.82E-29	Mixed	PLEKHG3
6800	STOM.2	1.73E-33	0.453788	0.439	0.111	3.26E-29	Mixed	STOM
6801	HLA-DRA.3	8.33E-33	0.729841	1	0.401	1.57E-28	Mixed	HLA-DRA
6802	CD37.3	1.08E-32	0.700366	1	0.891	2.03E-28	Mixed	CD37
6803	ADRB2	2.44E-32	0.373463	0.277	0.053	4.58E-28	Mixed	ADRB2
6804	FCER2.4	6.13E-32	0.4455	0.568	0.164	1.15E-27	Mixed	FCER2
6805	RAMP1.1	7.14E-32	0.25856	0.123	0.013	1.34E-27	Mixed	RAMP1
6806	IGFBP7.2	1.04E-31	0.545549	0.277	0.056	1.95E-27	Mixed	IGFBP7
6807	RALGPS2.3	1.11E-31	0.573069	0.645	0.21	2.09E-27	Mixed	RALGPS2
6808	SYNE2.4	1.48E-31	0.573548	0.568	0.175	2.78E-27	Mixed	SYNE2
6809	PAM	3.75E-31	0.303047	0.181	0.027	7.04E-27	Mixed	PAM
6810	IL18RAP	6.32E-31	0.273634	0.181	0.026	1.19E-26	Mixed	IL18RAP
6811	HLA-DPA1.	1.36E-30	0.686227	0.994	0.459	2.56E-26	Mixed	HLA-DPA1
6812	TCF4.3	2.11E-30	0.415719	0.458	0.124	3.96E-26	Mixed	TCF4
6813	AHNAK.2	6.51E-30	0.569301	0.71	0.256	1.22E-25	Mixed	AHNAK
6814	GZMM.4	7.05E-30	0.713747	0.897	0.407	1.32E-25	Mixed	GZMM
6815	HLA-DMA.	7.05E-30	0.522199	0.877	0.343	1.33E-25	Mixed	HLA-DMA
6816	HLA-DOB.3	8.79E-30	0.3753	0.458	0.122	1.65E-25	Mixed	HLA-DOB
6817	CTSC.3	1.84E-29	0.64023	0.8	0.332	3.46E-25	Mixed	CTSC
6818	PLPP5.3	2.47E-29	0.576166	0.626	0.211	4.64E-25	Mixed	PLPP5
6819	HLA-DRB1.	6.21E-29	0.483734	1	0.431	1.17E-24	Mixed	HLA-DRB1
6820	KIR2DL1	3.25E-28	0.264677	0.116	0.013	6.11E-24	Mixed	KIR2DL1
6821	CXXC5.4	4.03E-28	0.459237	0.477	0.14	7.58E-24	Mixed	CXXC5
6822	MAP3K8.2	4.23E-28	0.528883	0.439	0.126	7.94E-24	Mixed	MAP3K8
6823	CD24.3	5.34E-28	0.295002	0.439	0.117	1.00E-23	Mixed	CD24
6824	LYAR.3	8.46E-28	0.613218	0.51	0.162	1.59E-23	Mixed	LYAR
6825	CLIC1.3	9.19E-28	0.752416	1	0.697	1.73E-23	Mixed	CLIC1
6826	SNX22.1	1.84E-27	0.268404	0.271	0.057	3.45E-23	Mixed	SNX22
6827	USP28	1.85E-27	0.386022	0.297	0.068	3.47E-23	Mixed	USP28
6828	FCRL1.2	3.36E-27	0.372917	0.426	0.115	6.32E-23	Mixed	FCRL1
6829	FBXO6.1	3.54E-27	0.452174	0.335	0.084	6.65E-23	Mixed	FBXO6
6830	ADAM8.1	4.71E-27	0.509417	0.452	0.135	8.85E-23	Mixed	ADAM8
6831	LITAF.2	5.89E-27	0.721421	0.916	0.544	1.11E-22	Mixed	LITAF
6832	IRF8.2	6.51E-27	0.439092	0.529	0.167	1.22E-22	Mixed	IRF8
6833	CD74.4	7.05E-27	0.774346	1	0.81	1.32E-22	Mixed	CD74
6834	SPIB.1	7.65E-27	0.334395	0.335	0.081	1.44E-22	Mixed	SPIB
6835	PTGER2.2	1.00E-26	0.343544	0.387	0.103	1.89E-22	Mixed	PTGER2
6836	LINC02384	1.56E-26	0.334576	0.206	0.039	2.93E-22	Mixed	LINC02384
6837	ANXA4.1	1.74E-26	0.468333	0.49	0.152	3.28E-22	Mixed	ANXA4
6838	TPD52.3	3.08E-26	0.370212	0.413	0.115	5.78E-22	Mixed	TPD52
6839	CD72.4	3.73E-26	0.450587	0.503	0.155	7.01E-22	Mixed	CD72
6840	GNG2.2	3.80E-26	0.615813	0.677	0.264	7.14E-22	Mixed	GNG2
6841	ANXA1.4	5.04E-26	0.633091	0.794	0.349	9.47E-22	Mixed	ANXA1
6842	RUBCNL.2	6.62E-26	0.35725	0.445	0.128	1.24E-21	Mixed	RUBCNL

6843	STAP1.1	6.71E-26	0.306544	0.284	0.064	1.26E-21	Mixed	STAP1
6844	LAIR1.1	8.46E-26	0.601962	0.594	0.212	1.59E-21	Mixed	LAIR1
6845	CALHM2.1	1.07E-25	0.335206	0.329	0.083	2.01E-21	Mixed	CALHM2
6846	TIGIT	1.23E-25	0.300112	0.245	0.051	2.32E-21	Mixed	TIGIT
6847	PPP1R14A	3.16E-25	0.44781	0.348	0.092	5.93E-21	Mixed	PPP1R14A
6848	LAG3.1	3.30E-25	0.271871	0.161	0.026	6.20E-21	Mixed	LAG3
6849	RPS13.2	5.57E-25	-0.50466	1	0.993	1.05E-20	Mixed	RPS13
6850	LAT2.3	7.18E-25	0.432972	0.613	0.214	1.35E-20	Mixed	LAT2
6851	STAT4.3	2.03E-24	0.37129	0.413	0.119	3.81E-20	Mixed	STAT4
6852	HLA-DMB.1	2.12E-24	0.403766	0.581	0.197	3.98E-20	Mixed	HLA-DMB
6853	CD244	3.13E-24	0.332695	0.271	0.063	5.87E-20	Mixed	CD244
6854	JAZF1.1	3.31E-24	0.306175	0.348	0.091	6.21E-20	Mixed	JAZF1
6855	SYNGR1.1	5.10E-24	0.300889	0.239	0.051	9.59E-20	Mixed	SYNGR1
6856	SLC9A3R1	9.76E-24	0.601106	0.858	0.412	1.83E-19	Mixed	SLC9A3R1
6857	FCRL3.1	1.78E-23	0.388479	0.271	0.064	3.34E-19	Mixed	FCRL3
6858	MYO1F.3	1.79E-23	0.384188	0.51	0.169	3.36E-19	Mixed	MYO1F
6859	IRF1.2	1.98E-23	0.606935	0.839	0.402	3.72E-19	Mixed	IRF1
6860	RASSF1.1	2.02E-23	0.507391	0.529	0.186	3.79E-19	Mixed	RASSF1
6861	HLA-C.3	2.66E-23	0.629101	1	0.983	4.99E-19	Mixed	HLA-C
6862	ARL4C.4	3.77E-23	0.579915	0.665	0.265	7.08E-19	Mixed	ARL4C
6863	DOK2.4	4.93E-23	0.506787	0.594	0.22	9.26E-19	Mixed	DOK2
6864	CD22.3	5.51E-23	0.323897	0.387	0.11	1.04E-18	Mixed	CD22
6865	SLA2	5.85E-23	0.329881	0.258	0.06	1.10E-18	Mixed	SLA2
6866	FCGR2B.2	6.20E-23	0.26896	0.361	0.1	1.16E-18	Mixed	FCGR2B
6867	KLRG1.1	6.45E-23	0.472026	0.316	0.085	1.21E-18	Mixed	KLRG1
6868	EOMES	7.20E-23	0.255754	0.155	0.026	1.35E-18	Mixed	EOMES
6869	ACTN4.1	7.52E-23	0.367115	0.432	0.135	1.41E-18	Mixed	ACTN4
6870	KIR3DL1	8.48E-23	0.287011	0.103	0.013	1.59E-18	Mixed	KIR3DL1
6871	NAPSA.4	8.63E-23	0.353509	0.51	0.167	1.62E-18	Mixed	NAPSA
6872	POU2AF1.1	8.92E-23	0.298709	0.348	0.094	1.68E-18	Mixed	POU2AF1
6873	EBF2.2	1.91E-22	0.39207	0.484	0.161	3.59E-18	Mixed	EBF2
6874	BCL7A.1	1.94E-22	0.358661	0.29	0.074	3.65E-18	Mixed	BCL7A
6875	HCST.3	1.99E-22	0.597904	0.981	0.627	3.74E-18	Mixed	HCST
6876	SYTL3	2.00E-22	0.376303	0.265	0.064	3.75E-18	Mixed	SYTL3
6877	AC007384.1	2.57E-22	0.293627	0.284	0.071	4.83E-18	Mixed	AC007384.1
6878	ADAM28.2	5.00E-22	0.305479	0.316	0.084	9.39E-18	Mixed	ADAM28
6879	FCRLA.4	5.03E-22	0.329162	0.523	0.175	9.44E-18	Mixed	FCRLA
6880	RPL32.2	5.53E-22	-0.479	1	0.995	1.04E-17	Mixed	RPL32
6881	NFATC2.2	7.02E-22	0.357425	0.361	0.104	1.32E-17	Mixed	NFATC2
6882	SRGN.3	7.49E-22	0.375794	0.865	0.403	1.41E-17	Mixed	SRGN
6883	STARD3NL	7.84E-22	0.456453	0.452	0.151	1.47E-17	Mixed	STARD3NL
6884	CEP78	1.05E-21	0.365153	0.265	0.066	1.97E-17	Mixed	CEP78
6885	SLAMF7.1	2.71E-21	0.305415	0.226	0.052	5.09E-17	Mixed	SLAMF7
6886	PRR5L	3.06E-21	0.25078	0.155	0.027	5.75E-17	Mixed	PRR5L
6887	CMC1.1	3.14E-21	0.475742	0.439	0.151	5.90E-17	Mixed	CMC1
6888	DHRS7.2	4.32E-21	0.55652	0.729	0.331	8.11E-17	Mixed	DHRS7
6889	SMIM14.3	5.47E-21	0.430718	0.516	0.182	1.03E-16	Mixed	SMIM14

6890	TSEN54.3	6.24E-21	0.474456	0.477	0.166	1.17E-16	Mixed	TSEN54
6891	HLA-A.3	6.40E-21	0.560113	0.987	0.903	1.20E-16	Mixed	HLA-A
6892	IL12RB1	6.46E-21	0.330116	0.277	0.073	1.21E-16	Mixed	IL12RB1
6893	OPTN.3	9.40E-21	0.435742	0.51	0.182	1.77E-16	Mixed	OPTN
6894	SH3BGRL3	9.92E-21	0.447443	0.994	0.94	1.86E-16	Mixed	SH3BGRL3
6895	TRGC2	1.12E-20	0.317861	0.155	0.028	2.10E-16	Mixed	TRGC2
6896	SPN.2	1.13E-20	0.562911	0.523	0.198	2.12E-16	Mixed	SPN
6897	LPCAT1	1.15E-20	0.306912	0.297	0.08	2.16E-16	Mixed	LPCAT1
6898	RGS3	1.15E-20	0.278916	0.258	0.064	2.17E-16	Mixed	RGS3
6899	AC004865	2.56E-20	0.298022	0.232	0.055	4.82E-16	Mixed	AC004865.2
6900	ITGB2.4	2.57E-20	0.611405	0.974	0.646	4.84E-16	Mixed	ITGB2
6901	APOBEC3C	3.46E-20	0.43459	0.387	0.127	6.51E-16	Mixed	APOBEC3C
6902	CDK2AP2.1	4.11E-20	0.518968	0.735	0.32	7.72E-16	Mixed	CDK2AP2
6903	FGR.2	4.11E-20	0.26969	0.613	0.224	7.73E-16	Mixed	FGR
6904	CPNE5.2	5.00E-20	0.281464	0.232	0.056	9.39E-16	Mixed	CPNE5
6905	BCL11A.2	5.14E-20	0.322893	0.323	0.092	9.66E-16	Mixed	BCL11A
6906	TGFB1.3	6.51E-20	0.496533	0.677	0.285	1.22E-15	Mixed	TGFB1
6907	IFITM2.4	7.19E-20	0.316441	0.981	0.825	1.35E-15	Mixed	IFITM2
6908	GPR65.2	7.41E-20	0.367694	0.516	0.185	1.39E-15	Mixed	GPR65
6909	PRKCB.3	8.89E-20	0.391167	0.523	0.191	1.67E-15	Mixed	PRKCB
6910	MEF2C.3	1.19E-19	0.294967	0.561	0.211	2.24E-15	Mixed	MEF2C
6911	FLNA.4	1.41E-19	0.605338	0.723	0.351	2.65E-15	Mixed	FLNA
6912	CALHM6.3	2.15E-19	0.347617	0.587	0.223	4.04E-15	Mixed	CALHM6
6913	FYN.2	2.25E-19	0.458501	0.452	0.16	4.22E-15	Mixed	FYN
6914	PLEKHA2.1	2.28E-19	0.32738	0.361	0.112	4.28E-15	Mixed	PLEKHA2
6915	ORAI2.1	3.99E-19	0.348307	0.406	0.135	7.49E-15	Mixed	ORAI2
6916	PPP2R5C.3	4.55E-19	0.371053	0.548	0.206	8.55E-15	Mixed	PPP2R5C
6917	HSH2D.2	4.76E-19	0.419656	0.471	0.171	8.95E-15	Mixed	HSH2D
6918	ANXA2.3	5.22E-19	0.295281	0.729	0.303	9.80E-15	Mixed	ANXA2
6919	AOAH.3	5.44E-19	0.431186	0.381	0.128	1.02E-14	Mixed	AOAH
6920	ATP2B4.1	5.78E-19	0.339069	0.29	0.083	1.09E-14	Mixed	ATP2B4
6921	IKZF3.3	5.86E-19	0.377402	0.452	0.157	1.10E-14	Mixed	IKZF3
6922	HHEX.2	6.46E-19	0.271869	0.368	0.115	1.21E-14	Mixed	HHEX
6923	E2F5	7.01E-19	0.253518	0.155	0.03	1.32E-14	Mixed	E2F5
6924	BLNK.2	7.18E-19	0.261221	0.374	0.118	1.35E-14	Mixed	BLNK
6925	RUNX3.1	7.57E-19	0.384959	0.361	0.116	1.42E-14	Mixed	RUNX3
6926	DDIT4.2	8.06E-19	0.525572	0.465	0.174	1.51E-14	Mixed	DDIT4
6927	ZBP1.1	8.55E-19	0.361174	0.258	0.07	1.61E-14	Mixed	ZBP1
6928	ZEB2.2	1.16E-18	0.399909	0.426	0.148	2.18E-14	Mixed	ZEB2
6929	AFF3.3	1.37E-18	0.297219	0.368	0.116	2.58E-14	Mixed	AFF3
6930	ITGB7.4	1.54E-18	0.467664	0.606	0.248	2.89E-14	Mixed	ITGB7
6931	CD180.1	1.60E-18	0.311463	0.329	0.1	3.01E-14	Mixed	CD180
6932	OASL	2.69E-18	0.264212	0.187	0.042	5.05E-14	Mixed	OASL
6933	REL.3	3.99E-18	0.384705	0.581	0.231	7.50E-14	Mixed	REL
6934	SLAMF6.1	4.06E-18	0.30186	0.323	0.097	7.63E-14	Mixed	SLAMF6
6935	TSPAN3.4	4.17E-18	0.299079	0.548	0.206	7.83E-14	Mixed	TSPAN3
6936	TMX4.1	4.38E-18	0.381891	0.445	0.16	8.22E-14	Mixed	TMX4

6937	PLCG2.1	5.31E-18	0.347471	0.355	0.115	9.97E-14	Mixed	PLCG2
6938	GNPTAB.1	5.61E-18	0.430045	0.335	0.108	1.05E-13	Mixed	GNPTAB
6939	RPL11.2	7.78E-18	-0.35707	1	0.995	1.46E-13	Mixed	RPL11
6940	TBC1D5.1	8.45E-18	0.367811	0.348	0.113	1.59E-13	Mixed	TBC1D5
6941	SAMD3.3	8.53E-18	0.373729	0.458	0.168	1.60E-13	Mixed	SAMD3
6942	RAB29.2	8.76E-18	0.464017	0.465	0.176	1.64E-13	Mixed	RAB29
6943	CAST.1	9.28E-18	0.445853	0.768	0.355	1.74E-13	Mixed	CAST
6944	TRGV2	9.43E-18	0.391754	0.103	0.016	1.77E-13	Mixed	TRGV2
6945	P2RY8.2	1.61E-17	0.395708	0.523	0.202	3.02E-13	Mixed	P2RY8
6946	RARRES3.3	1.65E-17	0.530547	0.923	0.554	3.10E-13	Mixed	RARRES3
6947	AC116366.1	1.76E-17	0.335983	0.439	0.155	3.30E-13	Mixed	AC116366.3
6948	RPL39.3	1.77E-17	-0.5994	1	0.997	3.33E-13	Mixed	RPL39
6949	TFDP2.3	2.10E-17	0.280878	0.335	0.105	3.94E-13	Mixed	TFDP2
6950	ARPC2.4	2.15E-17	0.491543	0.987	0.859	4.03E-13	Mixed	ARPC2
6951	MIB2.1	3.20E-17	0.338861	0.335	0.108	6.02E-13	Mixed	MIB2
6952	PHACTR1.1	3.44E-17	0.256017	0.2	0.049	6.47E-13	Mixed	PHACTR1
6953	CD58.1	4.47E-17	0.341947	0.297	0.092	8.39E-13	Mixed	CD58
6954	GABARAPL1	5.44E-17	0.258487	0.168	0.037	1.02E-12	Mixed	GABARAPL1
6955	UBB.3	8.57E-17	0.48239	0.994	0.805	1.61E-12	Mixed	UBB
6956	NRROS.2	8.82E-17	0.325754	0.335	0.111	1.66E-12	Mixed	NRROS
6957	RPS28.3	8.93E-17	-0.47282	1	0.995	1.68E-12	Mixed	RPS28
6958	XBP1.3	9.54E-17	0.462246	0.748	0.365	1.79E-12	Mixed	XBP1
6959	MSN.1	1.43E-16	0.564846	0.852	0.48	2.69E-12	Mixed	MSN
6960	RPS12.4	1.51E-16	-0.47428	1	0.995	2.84E-12	Mixed	RPS12
6961	RPL30.2	1.89E-16	-0.33983	1	0.997	3.55E-12	Mixed	RPL30
6962	SNX2.1	1.92E-16	0.413116	0.806	0.421	3.60E-12	Mixed	SNX2
6963	ZCCHC7.3	2.51E-16	0.374214	0.542	0.218	4.72E-12	Mixed	ZCCHC7
6964	PSMB9.1	2.92E-16	0.517481	0.942	0.68	5.49E-12	Mixed	PSMB9
6965	CD63.3	3.42E-16	0.430768	0.535	0.229	6.43E-12	Mixed	CD63
6966	MBP.2	3.63E-16	0.48512	0.658	0.306	6.82E-12	Mixed	MBP
6967	LEF1.4	4.17E-16	-1.44101	0.123	0.432	7.83E-12	Mixed	LEF1
6968	PPP1CA.1	4.93E-16	0.496416	0.955	0.66	9.26E-12	Mixed	PPP1CA
6969	ADD1.1	6.46E-16	0.376555	0.465	0.182	1.21E-11	Mixed	ADD1
6970	ALOX5AP.3	6.93E-16	0.492293	0.697	0.36	1.30E-11	Mixed	ALOX5AP
6971	SH3BP5.2	7.05E-16	0.381897	0.561	0.235	1.33E-11	Mixed	SH3BP5
6972	PARP15.2	7.68E-16	0.328082	0.335	0.111	1.44E-11	Mixed	PARP15
6973	ARPC5L.1	9.40E-16	0.506317	0.652	0.317	1.77E-11	Mixed	ARPC5L
6974	VPS37B.1	9.64E-16	0.342808	0.387	0.14	1.81E-11	Mixed	VPS37B
6975	VAV3	9.77E-16	0.254525	0.161	0.037	1.84E-11	Mixed	VAV3
6976	SLC25A4.1	1.01E-15	0.256656	0.187	0.047	1.90E-11	Mixed	SLC25A4
6977	PRKCH.4	1.08E-15	0.33221	0.6	0.248	2.03E-11	Mixed	PRKCH
6978	PFN1.4	1.09E-15	0.370092	1	0.984	2.05E-11	Mixed	PFN1
6979	IFNGR1.1	1.29E-15	0.389465	0.529	0.22	2.42E-11	Mixed	IFNGR1
6980	SSBP4.3	1.33E-15	0.358847	0.426	0.161	2.49E-11	Mixed	SSBP4
6981	CD53.2	1.42E-15	0.534024	0.877	0.593	2.67E-11	Mixed	CD53
6982	IGHV4-59.1	1.42E-15	0.415677	0.123	0.024	2.67E-11	Mixed	IGHV4-59
6983	RNF41.1	1.61E-15	0.25089	0.31	0.1	3.03E-11	Mixed	RNF41

6984	SP140.3	1.75E-15	0.304315	0.406	0.15	3.30E-11	Mixed	SP140
6985	CYB561A3.	1.92E-15	0.369858	0.561	0.246	3.61E-11	Mixed	CYB561A3
6986	PLD4.2	2.03E-15	0.270597	0.316	0.104	3.81E-11	Mixed	PLD4
6987	CCDC32.3	2.25E-15	0.334987	0.419	0.159	4.23E-11	Mixed	CCDC32
6988	TRGV7	2.51E-15	0.30151	0.142	0.03	4.72E-11	Mixed	TRGV7
6989	NFATC3.1	2.65E-15	0.406977	0.406	0.156	4.98E-11	Mixed	NFATC3
6990	ABHD17A	2.89E-15	0.326995	0.297	0.097	5.42E-11	Mixed	ABHD17A
6991	CD82.2	3.67E-15	0.349119	0.471	0.186	6.89E-11	Mixed	CD82
6992	RPS15A.2	4.40E-15	-0.39517	1	0.997	8.26E-11	Mixed	RPS15A
6993	CTDSP1.2	4.60E-15	0.331821	0.452	0.178	8.65E-11	Mixed	CTDSP1
6994	STK10.1	4.61E-15	0.427309	0.503	0.214	8.67E-11	Mixed	STK10
6995	KDM5A	4.76E-15	0.331827	0.432	0.167	8.94E-11	Mixed	KDM5A
6996	ARL6IP1	5.41E-15	0.359896	0.361	0.131	1.02E-10	Mixed	ARL6IP1
6997	DDAH2.3	5.56E-15	0.298552	0.413	0.156	1.05E-10	Mixed	DDAH2
6998	IDS	5.58E-15	0.408174	0.497	0.212	1.05E-10	Mixed	IDS
6999	IQGAP2.4	6.76E-15	0.309086	0.348	0.125	1.27E-10	Mixed	IQGAP2
7000	MVD	8.83E-15	0.281346	0.284	0.092	1.66E-10	Mixed	MVD
7001	RPS24.3	8.92E-15	-0.38465	1	0.994	1.68E-10	Mixed	RPS24
7002	CCDC107.2	9.71E-15	0.383086	0.626	0.279	1.82E-10	Mixed	CCDC107
7003	GGA2.1	1.12E-14	0.278743	0.374	0.136	2.11E-10	Mixed	GGA2
7004	PPP3CC.2	1.14E-14	0.336713	0.555	0.236	2.14E-10	Mixed	PPP3CC
7005	LYN.3	1.28E-14	0.268592	0.561	0.235	2.41E-10	Mixed	LYN
7006	AKNA.1	1.37E-14	0.392505	0.529	0.226	2.57E-10	Mixed	AKNA
7007	ADCY7	1.42E-14	0.261759	0.284	0.092	2.67E-10	Mixed	ADCY7
7008	RAB37.2	1.72E-14	0.319384	0.4	0.153	3.23E-10	Mixed	RAB37
7009	TCF7.4	2.02E-14	-1.5038	0.142	0.416	3.79E-10	Mixed	TCF7
7010	CYBA.4	2.17E-14	0.53805	0.961	0.73	4.08E-10	Mixed	CYBA
7011	GBP5.1	2.32E-14	0.393859	0.4	0.157	4.35E-10	Mixed	GBP5
7012	SMIM29.2	2.38E-14	0.33673	0.445	0.179	4.48E-10	Mixed	SMIM29
7013	LY6E.1	2.52E-14	0.530354	0.91	0.633	4.73E-10	Mixed	LY6E
7014	TRBC2.2	2.68E-14	0.570608	0.961	0.676	5.03E-10	Mixed	TRBC2
7015	PSMB10.1	3.41E-14	0.527974	0.89	0.587	6.40E-10	Mixed	PSMB10
7016	UBE2F.1	3.57E-14	0.365391	0.381	0.146	6.70E-10	Mixed	UBE2F
7017	MYO1G.2	3.60E-14	0.439445	0.574	0.268	6.76E-10	Mixed	MYO1G
7018	SIPA1.1	3.68E-14	0.303949	0.348	0.126	6.91E-10	Mixed	SIPA1
7019	AFF4	3.90E-14	0.354332	0.374	0.142	7.33E-10	Mixed	AFF4
7020	STX8	4.08E-14	0.300847	0.426	0.167	7.66E-10	Mixed	STX8
7021	TPT1.3	4.55E-14	-0.5345	1	0.994	8.54E-10	Mixed	TPT1
7022	ITGB1.2	4.57E-14	0.386836	0.471	0.2	8.58E-10	Mixed	ITGB1
7023	RPL10.2	4.75E-14	-0.29862	1	0.995	8.92E-10	Mixed	RPL10
7024	GSAP.1	4.84E-14	0.307474	0.258	0.082	9.09E-10	Mixed	GSAP
7025	CALM1.4	4.84E-14	0.42611	1	0.879	9.10E-10	Mixed	CALM1
7026	TRGV10	5.60E-14	0.386102	0.129	0.028	1.05E-09	Mixed	TRGV10
7027	TRBC1.4	5.61E-14	0.46202	0.613	0.303	1.05E-09	Mixed	TRBC1
7028	CD1C.1	5.77E-14	0.37377	0.194	0.053	1.08E-09	Mixed	CD1C
7029	RPL36.3	6.38E-14	-0.46818	1	0.989	1.20E-09	Mixed	RPL36
7030	KIAA0040.	6.70E-14	0.285119	0.426	0.167	1.26E-09	Mixed	KIAA0040

7031	RPL22.2	8.05E-14	-0.48093	0.994	0.977	1.51E-09	Mixed	RPL22
7032	MRPL10	8.30E-14	0.322011	0.4	0.157	1.56E-09	Mixed	MRPL10
7033	MBD4.1	8.52E-14	0.327849	0.516	0.22	1.60E-09	Mixed	MBD4
7034	INPP5D	1.15E-13	0.319372	0.374	0.143	2.16E-09	Mixed	INPP5D
7035	UBC.2	1.36E-13	0.424912	0.987	0.851	2.55E-09	Mixed	UBC
7036	RAB8A	1.56E-13	0.356257	0.594	0.266	2.92E-09	Mixed	RAB8A
7037	RPS9.2	1.58E-13	-0.35237	1	0.992	2.98E-09	Mixed	RPS9
7038	RPS23.4	1.79E-13	-0.25864	1	0.993	3.36E-09	Mixed	RPS23
7039	RPS4X.3	1.93E-13	-0.38586	1	0.99	3.63E-09	Mixed	RPS4X
7040	ELOVL1.1	2.04E-13	0.295211	0.465	0.192	3.84E-09	Mixed	ELOVL1
7041	BPTF	2.18E-13	0.339366	0.432	0.177	4.10E-09	Mixed	BPTF
7042	SNX5.1	3.24E-13	0.281533	0.503	0.212	6.09E-09	Mixed	SNX5
7043	RHBDF2.1	5.18E-13	0.26981	0.29	0.102	9.73E-09	Mixed	RHBDF2
7044	CD38.2	5.24E-13	0.267879	0.303	0.107	9.85E-09	Mixed	CD38
7045	PPP1R12A	6.06E-13	0.372296	0.606	0.29	1.14E-08	Mixed	PPP1R12A
7046	LHPP.3	6.66E-13	0.272702	0.4	0.158	1.25E-08	Mixed	LHPP
7047	ITGAL.3	6.74E-13	0.267943	0.381	0.149	1.27E-08	Mixed	ITGAL
7048	SELENOK.1	8.46E-13	0.362621	0.639	0.304	1.59E-08	Mixed	SELENOK
7049	NT5C.3	8.47E-13	0.387526	0.723	0.375	1.59E-08	Mixed	NT5C
7050	TAGLN2.3	8.60E-13	0.394204	0.981	0.771	1.62E-08	Mixed	TAGLN2
7051	REEP5.4	8.76E-13	0.32013	0.703	0.326	1.65E-08	Mixed	REEP5
7052	CDKN2D.2	1.37E-12	0.301894	0.458	0.196	2.58E-08	Mixed	CDKN2D
7053	RNF166.2	1.41E-12	0.331869	0.426	0.178	2.64E-08	Mixed	RNF166
7054	POU2F2.3	1.74E-12	0.294865	0.523	0.234	3.28E-08	Mixed	POU2F2
7055	DNAJC1.3	1.75E-12	0.325292	0.355	0.141	3.30E-08	Mixed	DNAJC1
7056	PDIA3.2	1.80E-12	0.418692	0.832	0.508	3.38E-08	Mixed	PDIA3
7057	RPL13.2	1.82E-12	-0.27231	1	0.992	3.41E-08	Mixed	RPL13
7058	RPL18.2	2.12E-12	-0.29187	1	0.991	3.98E-08	Mixed	RPL18
7059	MTSS1.3	2.15E-12	0.314348	0.374	0.149	4.04E-08	Mixed	MTSS1
7060	OFD1.2	2.28E-12	0.256698	0.465	0.194	4.28E-08	Mixed	OFD1
7061	KLF6.4	2.43E-12	0.338907	0.652	0.318	4.57E-08	Mixed	KLF6
7062	RPL29.3	2.81E-12	-0.2875	1	0.993	5.28E-08	Mixed	RPL29
7063	ILK.2	2.88E-12	0.270145	0.574	0.258	5.40E-08	Mixed	ILK
7064	RORA.2	2.91E-12	0.290851	0.284	0.102	5.47E-08	Mixed	RORA
7065	PARP1.3	3.02E-12	0.364225	0.684	0.345	5.68E-08	Mixed	PARP1
7066	BACH2.3	3.59E-12	0.312971	0.465	0.201	6.74E-08	Mixed	BACH2
7067	FAM49B	3.85E-12	0.431317	0.768	0.428	7.23E-08	Mixed	FAM49B
7068	NOSIP.4	3.86E-12	-1.21586	0.542	0.634	7.25E-08	Mixed	NOSIP
7069	ADPGK	3.91E-12	0.307778	0.432	0.184	7.34E-08	Mixed	ADPGK
7070	DSTN.2	4.09E-12	0.285877	0.594	0.272	7.69E-08	Mixed	DSTN
7071	RAP1B.2	4.23E-12	0.375662	0.929	0.624	7.95E-08	Mixed	RAP1B
7072	HSPA5.3	4.44E-12	0.358235	0.742	0.39	8.34E-08	Mixed	HSPA5
7073	CD83.1	5.25E-12	0.327427	0.226	0.073	9.86E-08	Mixed	CD83
7074	MOB2.1	5.42E-12	0.271986	0.4	0.164	1.02E-07	Mixed	MOB2
7075	G6PD.1	5.62E-12	0.34137	0.439	0.193	1.06E-07	Mixed	G6PD
7076	FAM3C.2	5.90E-12	0.356008	0.277	0.101	1.11E-07	Mixed	FAM3C
7077	BOD1L1.1	6.62E-12	0.268339	0.29	0.107	1.24E-07	Mixed	BOD1L1

7078	NBPF14.1	9.05E-12	0.261104	0.265	0.094	1.70E-07	Mixed	NBPF14
7079	EEF1A1.2	9.36E-12	-0.3296	1	0.997	1.76E-07	Mixed	EEF1A1
7080	CD2BP2	9.82E-12	0.27081	0.458	0.2	1.84E-07	Mixed	CD2BP2
7081	LDHB.3	1.23E-11	-1.10005	0.8	0.742	2.32E-07	Mixed	LDHB
7082	RGS10.3	1.29E-11	-1.03297	0.361	0.532	2.43E-07	Mixed	RGS10
7083	UPF3A.1	1.36E-11	0.294572	0.458	0.202	2.56E-07	Mixed	UPF3A
7084	SYNE1.2	1.40E-11	0.345698	0.394	0.168	2.64E-07	Mixed	SYNE1
7085	FMNL1.2	1.42E-11	0.266965	0.432	0.187	2.67E-07	Mixed	FMNL1
7086	SYK.2	1.47E-11	0.250452	0.419	0.179	2.76E-07	Mixed	SYK
7087	UTRN.1	1.59E-11	0.36637	0.439	0.196	2.98E-07	Mixed	UTRN
7088	ATG12	1.62E-11	0.267121	0.458	0.198	3.05E-07	Mixed	ATG12
7089	HERPUD1.1	1.71E-11	0.317946	0.69	0.353	3.22E-07	Mixed	HERPUD1
7090	RPS5.4	1.78E-11	-0.32464	1	0.984	3.34E-07	Mixed	RPS5
7091	CCDC12.1	1.90E-11	0.285616	0.606	0.29	3.57E-07	Mixed	CCDC12
7092	SYTL1.2	2.02E-11	0.375104	0.787	0.436	3.79E-07	Mixed	SYTL1
7093	RPS3A.3	2.10E-11	-0.38657	1	0.991	3.94E-07	Mixed	RPS3A
7094	ERP44.1	2.32E-11	0.337192	0.516	0.247	4.37E-07	Mixed	ERP44
7095	HLA-E.3	2.44E-11	0.307735	0.994	0.956	4.59E-07	Mixed	HLA-E
7096	CD69.2	2.45E-11	0.278689	0.523	0.241	4.60E-07	Mixed	CD69
7097	TPM4.3	2.87E-11	0.252623	0.516	0.243	5.39E-07	Mixed	TPM4
7098	GLIPR1.2	3.17E-11	0.284799	0.503	0.229	5.95E-07	Mixed	GLIPR1
7099	CFL1.4	3.17E-11	0.306447	1	0.953	5.96E-07	Mixed	CFL1
7100	RPL9.2	3.69E-11	-0.38342	1	0.984	6.94E-07	Mixed	RPL9
7101	IVNS1ABP.1	4.05E-11	0.301951	0.394	0.17	7.61E-07	Mixed	IVNS1ABP
7102	PPP1R18.1	4.54E-11	0.422923	0.806	0.474	8.52E-07	Mixed	PPP1R18
7103	RAB9A.1	4.56E-11	0.293618	0.361	0.15	8.56E-07	Mixed	RAB9A
7104	MACF1.1	4.75E-11	0.287807	0.419	0.181	8.92E-07	Mixed	MACF1
7105	AIF1.4	4.92E-11	-1.96003	0.058	0.288	9.25E-07	Mixed	AIF1
7106	YWHAZ.3	5.35E-11	0.363086	0.974	0.804	1.01E-06	Mixed	YWHAZ
7107	SHISA5	5.38E-11	0.381289	0.794	0.446	1.01E-06	Mixed	SHISA5
7108	DBI.1	5.60E-11	0.420628	0.91	0.598	1.05E-06	Mixed	DBI
7109	MAPRE2.2	5.77E-11	0.357719	0.432	0.2	1.08E-06	Mixed	MAPRE2
7110	FBXO7.1	5.79E-11	0.275287	0.548	0.257	1.09E-06	Mixed	FBXO7
7111	SLC52A2.1	6.30E-11	0.280652	0.31	0.124	1.18E-06	Mixed	SLC52A2
7112	JAK1.3	6.38E-11	0.387192	0.916	0.64	1.20E-06	Mixed	JAK1
7113	MPG.1	6.52E-11	0.320995	0.587	0.29	1.22E-06	Mixed	MPG
7114	EZR.2	6.73E-11	0.43303	0.742	0.421	1.26E-06	Mixed	EZR
7115	RPL34.3	6.86E-11	-0.42945	1	0.995	1.29E-06	Mixed	RPL34
7116	CBLB.2	7.27E-11	0.258347	0.355	0.146	1.37E-06	Mixed	CBLB
7117	ATP2A3.2	7.36E-11	0.289543	0.426	0.187	1.38E-06	Mixed	ATP2A3
7118	STX7.2	7.52E-11	0.253167	0.477	0.22	1.41E-06	Mixed	STX7
7119	TMEM109.1	8.82E-11	0.329172	0.523	0.252	1.66E-06	Mixed	TMEM109
7120	TMED9.2	9.33E-11	0.366224	0.645	0.328	1.75E-06	Mixed	TMED9
7121	RPS8.3	9.40E-11	-0.37896	1	0.992	1.77E-06	Mixed	RPS8
7122	LSP1.2	1.01E-10	0.346396	0.981	0.817	1.90E-06	Mixed	LSP1
7123	RPL12.3	1.14E-10	-0.27989	1	0.992	2.14E-06	Mixed	RPL12
7124	ORMDL2	1.20E-10	0.310982	0.368	0.162	2.26E-06	Mixed	ORMDL2

7125	POLD4.2	1.65E-10	0.333217	0.884	0.548	3.10E-06	Mixed	POLD4
7126	UCP2.4	1.68E-10	0.376382	0.974	0.779	3.16E-06	Mixed	UCP2
7127	TBCB	1.83E-10	0.320926	0.755	0.425	3.43E-06	Mixed	TBCB
7128	WASHC4.2	1.93E-10	0.264839	0.439	0.198	3.62E-06	Mixed	WASHC4
7129	SMARCB1.	2.02E-10	0.273179	0.632	0.317	3.79E-06	Mixed	SMARCB1
7130	MTPN.3	2.02E-10	0.289025	0.684	0.352	3.79E-06	Mixed	MTPN
7131	ARIH2	2.10E-10	0.282991	0.51	0.239	3.94E-06	Mixed	ARIH2
7132	IFI16.2	2.19E-10	0.338666	0.606	0.306	4.12E-06	Mixed	IFI16
7133	BTN3A2.3	2.22E-10	0.280923	0.535	0.253	4.16E-06	Mixed	BTN3A2
7134	DCAF7	2.24E-10	0.262758	0.465	0.214	4.21E-06	Mixed	DCAF7
7135	LRP10	2.28E-10	0.277904	0.516	0.243	4.29E-06	Mixed	LRP10
7136	CCND3.3	2.42E-10	0.403433	0.89	0.586	4.54E-06	Mixed	CCND3
7137	ZNF24.2	2.45E-10	0.307572	0.535	0.263	4.59E-06	Mixed	ZNF24
7138	EMP3.4	2.53E-10	0.332318	0.981	0.788	4.75E-06	Mixed	EMP3
7139	RPS25.2	2.63E-10	-0.3215	1	0.991	4.94E-06	Mixed	RPS25
7140	CYB5B	2.65E-10	0.252311	0.374	0.162	4.98E-06	Mixed	CYB5B
7141	RSBN1L.1	2.67E-10	0.291507	0.523	0.25	5.02E-06	Mixed	RSBN1L
7142	MIEN1.2	2.79E-10	0.284207	0.69	0.36	5.25E-06	Mixed	MIEN1
7143	FBXW5	3.30E-10	0.28136	0.503	0.244	6.20E-06	Mixed	FBXW5
7144	RPL18A.3	3.32E-10	-0.25139	1	0.992	6.23E-06	Mixed	RPL18A
7145	RPS27A.2	3.37E-10	-0.26349	1	0.995	6.33E-06	Mixed	RPS27A
7146	BST2.2	3.44E-10	0.328692	0.774	0.437	6.47E-06	Mixed	BST2
7147	PPIB.2	3.46E-10	0.268415	0.961	0.79	6.51E-06	Mixed	PPIB
7148	RNF213.4	3.61E-10	0.405309	0.69	0.396	6.79E-06	Mixed	RNF213
7149	YIPF3	4.10E-10	0.257567	0.49	0.231	7.70E-06	Mixed	YIPF3
7150	IER2.3	4.10E-10	0.288006	0.826	0.496	7.70E-06	Mixed	IER2
7151	CISD3.2	4.22E-10	0.275557	0.406	0.185	7.93E-06	Mixed	CISD3
7152	COMMD8	4.49E-10	0.251124	0.452	0.208	8.44E-06	Mixed	COMMD8
7153	PTPN6.3	4.50E-10	0.379263	0.852	0.603	8.46E-06	Mixed	PTPN6
7154	WIPF1.2	4.52E-10	0.271784	0.594	0.297	8.48E-06	Mixed	WIPF1
7155	CAPN2.3	4.52E-10	0.252793	0.432	0.2	8.50E-06	Mixed	CAPN2
7156	MAL.4	4.69E-10	-0.9384	0.052	0.269	8.80E-06	Mixed	MAL
7157	IFI27L2.2	5.03E-10	0.258134	0.458	0.218	9.45E-06	Mixed	IFI27L2
7158	BCL2L1	5.16E-10	0.264616	0.226	0.082	9.70E-06	Mixed	BCL2L1
7159	UVRAG.2	5.22E-10	0.25482	0.406	0.183	9.81E-06	Mixed	UVRAG
7160	ANXA6.3	6.50E-10	0.396823	0.858	0.581	1.22E-05	Mixed	ANXA6
7161	ATP6V0D1	6.54E-10	0.2777	0.626	0.319	1.23E-05	Mixed	ATP6V0D1
7162	DUSP23.3	6.82E-10	0.256565	0.348	0.15	1.28E-05	Mixed	DUSP23
7163	RPLP1.3	7.02E-10	-0.27208	1	0.997	1.32E-05	Mixed	RPLP1
7164	RPS6KA1.1	7.85E-10	0.300869	0.484	0.236	1.47E-05	Mixed	RPS6KA1
7165	IGHV4-34.1	8.07E-10	1.014955	0.123	0.033	1.52E-05	Mixed	IGHV4-34
7166	IGKV3-11.1	8.75E-10	0.902601	0.103	0.025	1.64E-05	Mixed	IGKV3-11
7167	APPL1.1	9.23E-10	0.250522	0.452	0.215	1.73E-05	Mixed	APPL1
7168	YPEL3.1	9.43E-10	0.264385	0.452	0.214	1.77E-05	Mixed	YPEL3
7169	RASAL3.3	1.06E-09	0.304465	0.523	0.26	1.99E-05	Mixed	RASAL3
7170	ARFGAP3.1	1.09E-09	0.305853	0.342	0.151	2.05E-05	Mixed	ARFGAP3
7171	SYNGR2.2	1.18E-09	0.282303	0.845	0.513	2.23E-05	Mixed	SYNGR2

7172	RPS21.3	1.20E-09	-0.42357	1	0.987	2.25E-05	Mixed	RPS21
7173	TERF2IP	1.22E-09	0.313366	0.619	0.328	2.28E-05	Mixed	TERF2IP
7174	ACTN1.3	1.29E-09	-0.82055	0.052	0.259	2.43E-05	Mixed	ACTN1
7175	TRIR.1	1.32E-09	0.391318	0.884	0.567	2.47E-05	Mixed	TRIR
7176	SKAP1.4	1.36E-09	0.32865	0.665	0.362	2.55E-05	Mixed	SKAP1
7177	TMBIM6.2	1.82E-09	0.333806	0.948	0.694	3.41E-05	Mixed	TMBIM6
7178	RHOA.2	2.10E-09	0.304554	0.994	0.873	3.94E-05	Mixed	RHOA
7179	TAP1.2	2.32E-09	0.338413	0.645	0.367	4.35E-05	Mixed	TAP1
7180	ZNF207	2.39E-09	0.299485	0.619	0.326	4.49E-05	Mixed	ZNF207
7181	RPL5.3	2.45E-09	-0.30524	1	0.984	4.61E-05	Mixed	RPL5
7182	PDIA6.2	2.78E-09	0.317635	0.652	0.365	5.22E-05	Mixed	PDIA6
7183	GPAA1.1	3.05E-09	0.310733	0.458	0.229	5.73E-05	Mixed	GPAA1
7184	NDUFB7.3	3.35E-09	0.3342	0.761	0.456	6.29E-05	Mixed	NDUFB7
7185	SYNRG.1	3.43E-09	0.251088	0.439	0.209	6.43E-05	Mixed	SYNRG
7186	SASH3.1	3.47E-09	0.346886	0.6	0.331	6.53E-05	Mixed	SASH3
7187	TBRG1.1	3.92E-09	0.266277	0.561	0.285	7.36E-05	Mixed	TBRG1
7188	OSTF1.2	3.94E-09	0.325079	0.774	0.457	7.40E-05	Mixed	OSTF1
7189	CSK.3	4.49E-09	0.365246	0.781	0.5	8.44E-05	Mixed	CSK
7190	KMT2E.2	4.56E-09	0.32041	0.768	0.447	8.56E-05	Mixed	KMT2E
7191	IL7R.4	4.64E-09	-1.37236	0.284	0.468	8.71E-05	Mixed	IL7R
7192	FCMR.4	5.04E-09	0.297228	0.897	0.575	9.47E-05	Mixed	FCMR
7193	CALR.2	6.04E-09	0.369538	0.884	0.603	0.000113	Mixed	CALR
7194	CCR7.4	6.19E-09	-1.16747	0.452	0.539	0.000116	Mixed	CCR7
7195	MT-CO1.1	6.21E-09	0.282771	1	0.996	0.000117	Mixed	MT-CO1
7196	FDFT1.4	6.27E-09	0.299411	0.677	0.377	0.000118	Mixed	FDFT1
7197	TMED10.1	6.91E-09	0.321375	0.606	0.328	0.00013	Mixed	TMED10
7198	PFKL.1	7.49E-09	0.282568	0.529	0.276	0.000141	Mixed	PFKL
7199	CD7.4	7.58E-09	0.360227	0.884	0.574	0.000142	Mixed	CD7
7200	EEF1B2.3	9.72E-09	-0.39774	1	0.968	0.000183	Mixed	EEF1B2
7201	PSMB8	9.96E-09	0.357045	0.91	0.671	0.000187	Mixed	PSMB8
7202	NACA.3	1.09E-08	-0.26446	1	0.991	0.000205	Mixed	NACA
7203	S100A11.2	1.11E-08	-0.72647	0.845	0.467	0.000209	Mixed	S100A11
7204	HLA-F.2	1.19E-08	0.298906	0.832	0.502	0.000223	Mixed	HLA-F
7205	FAM96A.2	1.24E-08	0.268706	0.645	0.352	0.000233	Mixed	FAM96A
7206	RPL8.3	1.24E-08	-0.26014	1	0.992	0.000233	Mixed	RPL8
7207	SNX3.2	1.31E-08	0.288164	0.839	0.533	0.000247	Mixed	SNX3
7208	GZMK	1.36E-08	0.258109	0.142	0.045	0.000256	Mixed	GZMK
7209	RPL35A.3	1.49E-08	-0.34256	0.994	0.989	0.000279	Mixed	RPL35A
7210	SP100.3	1.68E-08	0.369818	0.768	0.472	0.000316	Mixed	SP100
7211	YWHAQ.2	1.81E-08	0.315737	0.69	0.41	0.000339	Mixed	YWHAQ
7212	JCHAIN.3	1.87E-08	-0.94571	0.271	0.11	0.000351	Mixed	JCHAIN
7213	RNF167.2	1.88E-08	0.323348	0.632	0.356	0.000353	Mixed	RNF167
7214	RACK1.3	2.01E-08	-0.2809	1	0.986	0.000378	Mixed	RACK1
7215	SELENOT	2.06E-08	0.300343	0.652	0.372	0.000386	Mixed	SELENOT
7216	ZAP70.4	2.20E-08	0.27782	0.658	0.373	0.000413	Mixed	ZAP70
7217	PUF60.1	2.39E-08	0.26049	0.697	0.388	0.000448	Mixed	PUF60
7218	RPL14.3	2.56E-08	-0.26469	1	0.989	0.000481	Mixed	RPL14

7219	CD47.1	2.70E-08	0.320896	0.781	0.469	0.000507	Mixed	CD47
7220	IL32.4	2.90E-08	0.281471	0.819	0.567	0.000545	Mixed	IL32
7221	RPS6.3	3.03E-08	-0.30371	1	0.989	0.00057	Mixed	RPS6
7222	PAXX.3	3.18E-08	0.292109	0.871	0.545	0.000598	Mixed	PAXX
7223	RGS19.3	3.26E-08	0.297545	0.71	0.407	0.000612	Mixed	RGS19
7224	ORMDL1	3.29E-08	0.254069	0.516	0.268	0.000617	Mixed	ORMDL1
7225	PABPC1.2	3.78E-08	-0.41578	1	0.942	0.000709	Mixed	PABPC1
7226	RBX1.1	3.87E-08	0.316788	0.832	0.515	0.000726	Mixed	RBX1
7227	DBNL.3	4.27E-08	0.274565	0.665	0.381	0.000801	Mixed	DBNL
7228	SQSTM1.1	4.58E-08	0.31418	0.723	0.44	0.000861	Mixed	SQSTM1
7229	LRRFIP1.2	5.03E-08	0.27262	0.761	0.454	0.000944	Mixed	LRRFIP1
7230	POLR3GL.2	5.17E-08	0.266755	0.523	0.275	0.000971	Mixed	POLR3GL
7231	KIAA1551..	5.69E-08	0.251651	0.535	0.277	0.001068	Mixed	KIAA1551
7232	SRPK2.1	5.69E-08	0.256034	0.503	0.266	0.001069	Mixed	SRPK2
7233	RALY	5.78E-08	0.308582	0.71	0.427	0.001085	Mixed	RALY
7234	RPS18.3	6.15E-08	-0.2656	1	0.991	0.001156	Mixed	RPS18
7235	IDH2.1	7.18E-08	0.256307	0.516	0.269	0.001348	Mixed	IDH2
7236	MYL12B.2	7.49E-08	0.285609	0.974	0.795	0.001406	Mixed	MYL12B
7237	CAP1.4	7.62E-08	0.260308	0.916	0.58	0.001432	Mixed	CAP1
7238	PSMD4	9.61E-08	0.259055	0.71	0.395	0.001806	Mixed	PSMD4
7239	DCTN3.1	9.75E-08	0.254959	0.652	0.365	0.001831	Mixed	DCTN3
7240	LMAN2.1	1.01E-07	0.266706	0.703	0.403	0.001888	Mixed	LMAN2
7241	UBE2L3.1	1.09E-07	0.2936	0.574	0.324	0.002052	Mixed	UBE2L3
7242	RPS14.3	1.15E-07	-0.30881	1	0.991	0.002163	Mixed	RPS14
7243	ATRX.1	1.62E-07	0.326972	0.555	0.316	0.003037	Mixed	ATRX
7244	TRIM22.2	2.00E-07	0.325243	0.652	0.392	0.003758	Mixed	TRIM22
7245	RAC2.3	2.11E-07	0.296906	0.994	0.907	0.003964	Mixed	RAC2
7246	PSMA6.2	2.83E-07	0.253854	0.69	0.4	0.005324	Mixed	PSMA6
7247	SRSF7.1	2.89E-07	0.270894	0.852	0.55	0.005426	Mixed	SRSF7
7248	HIST1H1E..	2.99E-07	0.27078	0.4	0.208	0.005611	Mixed	HIST1H1E
7249	ENSA.1	3.01E-07	0.250062	0.606	0.346	0.005645	Mixed	ENSA
7250	CD4.3	3.64E-07	-0.54984	0.006	0.154	0.006833	Mixed	CD4
7251	IFITM3.4	4.06E-07	-0.39023	0.845	0.549	0.007633	Mixed	IFITM3
7252	SET.3	4.07E-07	0.278792	0.645	0.388	0.007648	Mixed	SET
7253	RNPS1.2	4.93E-07	0.269508	0.748	0.448	0.009269	Mixed	RNPS1
7254	ARF1.1	5.37E-07	0.293559	0.897	0.625	0.010088	Mixed	ARF1
7255	GNB2.2	5.44E-07	0.271518	0.677	0.407	0.010216	Mixed	GNB2
7256	S100A8.3	5.68E-07	-4.9808	0.077	0.24	0.010669	Mixed	S100A8
7257	CD52.4	5.79E-07	0.293354	0.948	0.825	0.01087	Mixed	CD52
7258	RCSD1.1	6.11E-07	0.255396	0.716	0.43	0.011485	Mixed	RCSD1
7259	TCF25	7.00E-07	0.250246	0.658	0.407	0.01315	Mixed	TCF25
7260	GUK1.1	7.35E-07	0.276613	0.884	0.605	0.013799	Mixed	GUK1
7261	SEPT7.2	7.35E-07	0.262461	0.89	0.652	0.013808	Mixed	Sep-07
7262	PGAM1.3	7.68E-07	0.26175	0.781	0.496	0.014421	Mixed	PGAM1
7263	YWHAB.4	9.10E-07	0.269598	0.987	0.808	0.01709	Mixed	YWHAB
7264	BEX3.4	9.55E-07	-0.62028	0.032	0.183	0.017947	Mixed	BEX3
7265	DDOST.3	1.04E-06	0.305447	0.69	0.439	0.019549	Mixed	DDOST

7266	VCP.1	1.09E-06	0.251085	0.69	0.403	0.02039	Mixed	VCP
7267	NPM1.3	1.14E-06	-0.40805	0.974	0.91	0.021381	Mixed	NPM1
7268	ZFP36L2.3	1.23E-06	0.327631	0.877	0.628	0.023074	Mixed	ZFP36L2
7269	RPL37.3	1.27E-06	-0.33929	0.987	0.98	0.023928	Mixed	RPL37
7270	MT-ND5	1.85E-06	0.373476	0.865	0.715	0.034814	Mixed	MT-ND5
7271	DRAP1.2	2.11E-06	0.278007	0.813	0.539	0.039552	Mixed	DRAP1
7272	SELENOF.2	2.17E-06	0.254826	0.755	0.457	0.040806	Mixed	SELENOF
7273	SCP2.1	2.23E-06	0.25148	0.574	0.336	0.04183	Mixed	SCP2
7274	PSME1	2.24E-06	0.266484	0.974	0.859	0.042089	Mixed	PSME1
7275	TRABD2A.4	2.32E-06	-0.58041	0.039	0.181	0.043504	Mixed	TRABD2A
7344	HBB.2	0	10.7474	0.995	0.082	0	Erythrocyt	HBB
7345	HBA2	0	7.957772	0.995	0.008	0	Erythrocyt	HBA2
7346	HBA1	0	7.782014	0.976	0.006	0	Erythrocyt	HBA1
7347	ALAS2	0	5.420347	0.636	0.001	0	Erythrocyt	ALAS2
7348	SLC25A37.	0	3.800555	0.898	0.107	0	Erythrocyt	SLC25A37
7349	HBG2	0	3.784732	0.121	0.001	0	Erythrocyt	HBG2
7350	HBM	0	3.330771	0.553	0.001	0	Erythrocyt	HBM
7351	HBD	0	3.245364	0.476	0.002	0	Erythrocyt	HBD
7352	SNCA.1	0	3.21195	0.587	0.016	0	Erythrocyt	SNCA
7353	CA1	0	3.035661	0.33	0	0	Erythrocyt	CA1
7354	AHSP	0	2.506809	0.354	0	0	Erythrocyt	AHSP
7355	SELENBP1	0	2.060262	0.417	0	0	Erythrocyt	SELENBP1
7356	TRIM58.1	0	2.038787	0.5	0.012	0	Erythrocyt	TRIM58
7357	GMPR	0	1.473507	0.369	0.01	0	Erythrocyt	GMPR
7358	DMTN	0	1.382984	0.374	0.007	0	Erythrocyt	DMTN
7359	HBQ1	0	1.376358	0.403	0.003	0	Erythrocyt	HBQ1
7360	PDZK1IP1	0	1.213997	0.296	0.001	0	Erythrocyt	PDZK1IP1
7361	MYL4	0	1.15185	0.306	0.001	0	Erythrocyt	MYL4
7362	SLC4A1	0	1.103972	0.282	0	0	Erythrocyt	SLC4A1
7363	TMOD1	0	0.840665	0.194	0.001	0	Erythrocyt	TMOD1
7364	EPB42	0	0.804164	0.184	0	0	Erythrocyt	EPB42
7365	PHOSPHO1	0	0.736036	0.218	0.001	0	Erythrocyt	PHOSPHO1
7366	GYPB	0	0.715676	0.175	0	0	Erythrocyt	GYPB
7367	HBG1	0	0.652833	0.112	0	0	Erythrocyt	HBG1
7368	LINC00570	0	0.547248	0.141	0	0	Erythrocyt	LINC00570
7369	AC130456.	0	0.490726	0.141	0	0	Erythrocyt	AC130456.3
7370	FAM210B	5.20E-295	1.690362	0.505	0.034	9.76E-291	Erythrocyt	FAM210B
7371	SMOX	3.07E-246	1.612146	0.214	0.007	5.77E-242	Erythrocyt	SMOX
7372	DCAF12	1.67E-192	2.673564	0.573	0.07	3.13E-188	Erythrocyt	DCAF12
7373	YOD1	2.10E-131	0.655787	0.199	0.011	3.95E-127	Erythrocyt	YOD1
7374	STRADB	5.19E-116	2.195204	0.524	0.093	9.76E-112	Erythrocyt	STRADB
7375	NFIX	5.41E-116	0.492056	0.15	0.007	1.02E-111	Erythrocyt	NFIX
7376	IFI27	6.60E-97	0.90921	0.141	0.008	1.24E-92	Erythrocyt	IFI27
7377	BCL2L1.1	5.01E-94	1.828281	0.451	0.081	9.41E-90	Erythrocyt	BCL2L1
7378	SLC25A39.	2.22E-92	2.841436	0.757	0.283	4.17E-88	Erythrocyt	SLC25A39
7379	TENT5C.1	9.98E-81	1.110534	0.354	0.054	1.87E-76	Erythrocyt	TENT5C
7380	MPP1.3	8.80E-77	1.691994	0.451	0.095	1.65E-72	Erythrocyt	MPP1

7381	SMIM1.1	7.36E-74	0.644082	0.184	0.017	1.38E-69	Erythrocyt	SMIM1
7382	ADIPOR1	2.56E-71	2.515526	0.66	0.251	4.82E-67	Erythrocyt	ADIPOR1
7383	BPGM	6.79E-69	1.265304	0.316	0.051	1.28E-64	Erythrocyt	BPGM
7384	SLC14A1	9.38E-69	0.389338	0.112	0.007	1.76E-64	Erythrocyt	SLC14A1
7385	BLVRB.3	3.55E-65	1.863608	0.51	0.135	6.67E-61	Erythrocyt	BLVRB
7386	GYPC.4	3.99E-62	1.652579	0.932	0.672	7.50E-58	Erythrocyt	GYPC
7387	TMEM86B	1.42E-56	0.346017	0.102	0.007	2.66E-52	Erythrocyt	TMEM86B
7388	HLA-C.4	2.78E-52	-1.31575	0.65	0.985	5.23E-48	Erythrocyt	HLA-C
7389	BNIP3L.1	3.36E-50	2.152844	0.66	0.31	6.31E-46	Erythrocyt	BNIP3L
7390	YBX3.2	5.70E-50	1.237789	0.398	0.1	1.07E-45	Erythrocyt	YBX3
7391	HLA-B.3	1.81E-48	-1.16734	0.689	0.994	3.40E-44	Erythrocyt	HLA-B
7392	PFN1.5	7.61E-48	-1.17237	0.66	0.985	1.43E-43	Erythrocyt	PFN1
7393	ACTB.4	7.36E-46	-1.16546	0.971	0.999	1.38E-41	Erythrocyt	ACTB
7394	TSPAN5	8.87E-46	0.586055	0.214	0.034	1.67E-41	Erythrocyt	TSPAN5
7395	FKBP8.1	1.77E-45	1.418235	0.757	0.455	3.33E-41	Erythrocyt	FKBP8
7396	GUK1.2	4.55E-45	1.505501	0.84	0.605	8.54E-41	Erythrocyt	GUK1
7397	ACTG1.2	7.23E-45	-1.29396	0.631	0.954	1.36E-40	Erythrocyt	ACTG1
7398	ARPC3.3	1.89E-44	-1.16479	0.519	0.908	3.54E-40	Erythrocyt	ARPC3
7399	CORO1A.2	2.56E-44	-1.12821	0.515	0.924	4.82E-40	Erythrocyt	CORO1A
7400	H3F3A.2	3.37E-43	-1.13666	0.641	0.951	6.33E-39	Erythrocyt	H3F3A
7401	FBXO7.2	4.68E-43	1.660921	0.587	0.257	8.79E-39	Erythrocyt	FBXO7
7402	CFL1.5	1.01E-42	-1.11862	0.626	0.954	1.90E-38	Erythrocyt	CFL1
7403	B2M.5	4.50E-42	-0.96958	0.888	1	8.46E-38	Erythrocyt	B2M
7404	MXI1	5.05E-41	0.621781	0.199	0.032	9.49E-37	Erythrocyt	MXI1
7405	ARHGDI.2	5.07E-41	-0.99577	0.602	0.963	9.52E-37	Erythrocyt	ARHGDI
7406	ARPC2.5	2.69E-39	-1.14239	0.485	0.861	5.05E-35	Erythrocyt	ARPC2
7407	MT-CO1.2	3.43E-39	-0.95135	0.845	0.997	6.45E-35	Erythrocyt	MT-CO1
7408	PABPC1.3	6.51E-39	-1.03509	0.68	0.943	1.22E-34	Erythrocyt	PABPC1
7409	RHOA.3	2.28E-37	-1.07491	0.5	0.875	4.27E-33	Erythrocyt	RHOA
7410	RPL7A.3	1.10E-36	-0.82742	0.801	0.992	2.07E-32	Erythrocyt	RPL7A
7411	HNRNPA1.1	1.86E-36	-1.00632	0.549	0.927	3.50E-32	Erythrocyt	HNRNPA1
7412	RAC2.4	2.41E-36	-1.03065	0.558	0.909	4.53E-32	Erythrocyt	RAC2
7413	HLA-E.4	7.26E-36	-0.96871	0.568	0.958	1.36E-31	Erythrocyt	HLA-E
7414	RACK1.4	9.16E-36	-0.85252	0.718	0.987	1.72E-31	Erythrocyt	RACK1
7415	LSP1.3	9.27E-36	-1.14958	0.422	0.819	1.74E-31	Erythrocyt	LSP1
7416	FECH	1.03E-35	0.676201	0.18	0.03	1.94E-31	Erythrocyt	FECH
7417	PTPRC.3	6.44E-35	-1.09461	0.456	0.856	1.21E-30	Erythrocyt	PTPRC
7418	RPS7.3	1.64E-34	-0.79019	0.806	0.994	3.07E-30	Erythrocyt	RPS7
7419	EEF1A1.3	1.98E-34	-0.8561	0.922	0.997	3.71E-30	Erythrocyt	EEF1A1
7420	MTRNR2L1	2.43E-34	-1.12023	0.782	0.945	4.56E-30	Erythrocyt	MTRNR2L1
7421	NACA.4	3.39E-34	-0.78258	0.893	0.991	6.37E-30	Erythrocyt	NACA
7422	MKRN1.1	4.00E-34	1.317821	0.515	0.22	7.51E-30	Erythrocyt	MKRN1
7423	RPL3.3	4.60E-34	-0.84636	0.718	0.987	8.65E-30	Erythrocyt	RPL3
7424	MT-CO2.1	4.83E-34	-0.81071	0.752	0.999	9.07E-30	Erythrocyt	MT-CO2
7425	LAPTM5.3	8.75E-34	-0.94915	0.456	0.872	1.64E-29	Erythrocyt	LAPTM5
7426	HSPA8.4	9.25E-34	-1.0649	0.471	0.867	1.74E-29	Erythrocyt	HSPA8
7427	H3F3B.2	9.93E-34	-0.96879	0.597	0.952	1.87E-29	Erythrocyt	H3F3B

7428	YWHAZ.4	1.00E-33	-1.0695	0.437	0.806	1.89E-29	Erythrocyt	YWHAZ
7429	LGALS3.3	1.35E-33	1.159709	0.383	0.118	2.54E-29	Erythrocyt	LGALS3
7430	VIM.4	2.16E-33	-1.47609	0.49	0.815	4.06E-29	Erythrocyt	VIM
7431	GAPDH.4	2.29E-33	-1.30425	0.612	0.903	4.31E-29	Erythrocyt	GAPDH
7432	COX4I1.1	3.09E-33	-0.83269	0.597	0.961	5.80E-29	Erythrocyt	COX4I1
7433	RPL29.4	3.87E-33	-0.79118	0.801	0.994	7.28E-29	Erythrocyt	RPL29
7434	CALM1.5	8.39E-33	-1.03182	0.481	0.881	1.58E-28	Erythrocyt	CALM1
7435	PPIA.2	1.43E-32	-0.84958	0.602	0.951	2.69E-28	Erythrocyt	PPIA
7436	EEF2.4	1.88E-32	-0.86823	0.67	0.936	3.54E-28	Erythrocyt	EEF2
7437	HNRNPA2B1	2.56E-32	-0.95906	0.524	0.884	4.82E-28	Erythrocyt	HNRNPA2B1
7438	ANK1	4.23E-32	0.319398	0.121	0.016	7.95E-28	Erythrocyt	ANK1
7439	ITGB2.5	2.06E-31	-1.51036	0.252	0.649	3.88E-27	Erythrocyt	ITGB2
7440	UBC.3	2.65E-31	-0.99456	0.466	0.853	4.97E-27	Erythrocyt	UBC
7441	TMSB4X.4	4.23E-31	-0.8113	0.767	1	7.95E-27	Erythrocyt	TMSB4X
7442	MALAT1.3	5.82E-31	-0.90933	0.689	0.998	1.09E-26	Erythrocyt	MALAT1
7443	FXYS.1	1.35E-30	-0.94573	0.481	0.876	2.54E-26	Erythrocyt	FXYS
7444	RPL8.4	4.79E-30	-0.75921	0.854	0.993	8.99E-26	Erythrocyt	RPL8
7445	RPS3.3	7.04E-30	-0.76227	0.786	0.994	1.32E-25	Erythrocyt	RPS3
7446	RPS26.3	1.02E-29	-1.33665	0.646	0.949	1.91E-25	Erythrocyt	RPS26
7447	MT-CYB.1	1.48E-29	-0.85664	0.67	0.952	2.77E-25	Erythrocyt	MT-CYB
7448	CLIC1.4	2.18E-29	-1.39833	0.359	0.699	4.09E-25	Erythrocyt	CLIC1
7449	RNF10	5.49E-29	1.307416	0.495	0.226	1.03E-24	Erythrocyt	RNF10
7450	NFE2.2	6.63E-29	0.538783	0.248	0.06	1.25E-24	Erythrocyt	NFE2
7451	MT-ATP6.3	8.72E-29	-0.79262	0.748	0.994	1.64E-24	Erythrocyt	MT-ATP6
7452	PTMA.2	9.46E-29	-0.74766	0.699	0.99	1.78E-24	Erythrocyt	PTMA
7453	CHCHD2.1	1.04E-28	-0.9039	0.461	0.807	1.96E-24	Erythrocyt	CHCHD2
7454	YWHAZ.5	1.32E-28	-0.92302	0.442	0.81	2.49E-24	Erythrocyt	YWHAZ
7455	RPS9.3	1.37E-28	-0.73015	0.738	0.993	2.57E-24	Erythrocyt	RPS9
7456	RPL27.2	1.44E-28	-0.73519	0.602	0.954	2.71E-24	Erythrocyt	RPL27
7457	RPL6.2	1.59E-28	-0.73821	0.748	0.992	2.99E-24	Erythrocyt	RPL6
7458	SH3BGR1.3	4.81E-28	-1.12819	0.767	0.941	9.04E-24	Erythrocyt	SH3BGR1
7459	CNBP.2	9.14E-28	-0.87862	0.476	0.809	1.72E-23	Erythrocyt	CNBP
7460	MYL12B.3	9.57E-28	-0.91006	0.447	0.797	1.80E-23	Erythrocyt	MYL12B
7461	SRSF5.2	2.86E-27	-0.93815	0.379	0.757	5.38E-23	Erythrocyt	SRSF5
7462	BTG1.4	3.12E-27	-0.90015	0.5	0.883	5.85E-23	Erythrocyt	BTG1
7463	EVL.4	3.65E-27	-1.0599	0.383	0.741	6.85E-23	Erythrocyt	EVL
7464	PSME1.1	4.86E-27	-0.84675	0.539	0.861	9.13E-23	Erythrocyt	PSME1
7465	RNF11	7.48E-27	0.603613	0.282	0.08	1.40E-22	Erythrocyt	RNF11
7466	RPL19.2	9.96E-27	-0.71701	0.83	0.996	1.87E-22	Erythrocyt	RPL19
7467	RPLP0.2	1.52E-26	-0.74969	0.738	0.987	2.86E-22	Erythrocyt	RPLP0
7468	ITM2B.4	1.58E-26	-0.86401	0.612	0.886	2.96E-22	Erythrocyt	ITM2B
7469	EIF3K.1	2.49E-26	-0.76943	0.578	0.878	4.68E-22	Erythrocyt	EIF3K
7470	MT-ND1.4	3.20E-26	-0.87111	0.524	0.862	6.01E-22	Erythrocyt	MT-ND1
7471	GPSM3.2	3.34E-26	-0.82812	0.437	0.804	6.27E-22	Erythrocyt	GPSM3
7472	EEF1B2.4	5.90E-26	-0.76522	0.675	0.969	1.11E-21	Erythrocyt	EEF1B2
7473	PPIB.3	6.32E-26	-0.97808	0.432	0.792	1.19E-21	Erythrocyt	PPIB
7474	RPS3A.4	6.74E-26	-0.72486	0.801	0.992	1.27E-21	Erythrocyt	RPS3A

7475	IFITM2.5	8.48E-26	-1.3763	0.519	0.827	1.59E-21	Erythrocyt	IFITM2
7476	LIMD2.4	9.98E-26	-0.8002	0.573	0.93	1.87E-21	Erythrocyt	LIMD2
7477	TPM3.3	1.17E-25	-0.95724	0.379	0.73	2.20E-21	Erythrocyt	TPM3
7478	MT-CO3.1	1.23E-25	-0.74716	0.65	0.953	2.31E-21	Erythrocyt	MT-CO3
7479	TMSB10.3	1.46E-25	-0.72569	0.709	0.998	2.74E-21	Erythrocyt	TMSB10
7480	SLC38A5.1	1.64E-25	0.566741	0.209	0.051	3.07E-21	Erythrocyt	SLC38A5
7481	ZFP36.2	2.41E-25	-1.38411	0.214	0.576	4.53E-21	Erythrocyt	ZFP36
7482	SLC25A3.2	3.70E-25	-0.87541	0.383	0.723	6.95E-21	Erythrocyt	SLC25A3
7483	SUB1.1	3.80E-25	-0.85958	0.398	0.772	7.14E-21	Erythrocyt	SUB1
7484	RPL5.4	4.54E-25	-0.70993	0.68	0.986	8.52E-21	Erythrocyt	RPL5
7485	Mar-08	4.59E-25	0.429933	0.15	0.029	8.62E-21	Erythrocyt	Mar-08
7486	NPRL3	6.05E-25	0.709945	0.335	0.112	1.14E-20	Erythrocyt	NPRL3
7487	RIOK3.1	9.41E-25	1.236367	0.422	0.185	1.77E-20	Erythrocyt	RIOK3
7488	CAPZB.3	9.56E-25	-0.87298	0.398	0.738	1.80E-20	Erythrocyt	CAPZB
7489	CD37.4	1.80E-24	-1.01373	0.529	0.893	3.38E-20	Erythrocyt	CD37
7490	WAS.2	2.02E-24	-1.05963	0.121	0.495	3.79E-20	Erythrocyt	WAS
7491	MT-ND4L.3	2.15E-24	-0.75991	0.636	0.954	4.03E-20	Erythrocyt	MT-ND4L
7492	TAGLN2.4	2.93E-24	-1.02051	0.413	0.774	5.50E-20	Erythrocyt	TAGLN2
7493	CALM2.3	3.19E-24	-0.81489	0.476	0.809	5.99E-20	Erythrocyt	CALM2
7494	RPS18.4	4.54E-24	-0.69717	0.796	0.992	8.54E-20	Erythrocyt	RPS18
7495	RPL26.3	6.31E-24	-0.65288	0.718	0.99	1.19E-19	Erythrocyt	RPL26
7496	RAN.2	7.66E-24	-0.85208	0.34	0.737	1.44E-19	Erythrocyt	RAN
7497	TMBIM6.3	9.10E-24	-0.89701	0.359	0.696	1.71E-19	Erythrocyt	TMBIM6
7498	LCP1.3	9.17E-24	-1.13163	0.243	0.586	1.72E-19	Erythrocyt	LCP1
7499	HLA-A.4	1.49E-23	-0.78629	0.602	0.904	2.80E-19	Erythrocyt	HLA-A
7500	UBB.4	1.65E-23	1.988534	0.845	0.805	3.09E-19	Erythrocyt	UBB
7501	TUBB.3	1.82E-23	-1.06578	0.238	0.583	3.42E-19	Erythrocyt	TUBB
7502	RPL12.4	2.70E-23	-0.66209	0.825	0.993	5.07E-19	Erythrocyt	RPL12
7503	RPS23.5	2.85E-23	-0.65078	0.757	0.994	5.36E-19	Erythrocyt	RPS23
7504	GPR146.1	5.67E-23	0.376026	0.146	0.029	1.06E-18	Erythrocyt	GPR146
7505	COTL1.3	6.88E-23	-1.46546	0.257	0.592	1.29E-18	Erythrocyt	COTL1
7506	ATP5MC2.3	7.68E-23	-0.65633	0.597	0.946	1.44E-18	Erythrocyt	ATP5MC2
7507	HNRNPDL.3	1.00E-22	-0.76923	0.456	0.826	1.88E-18	Erythrocyt	HNRNPDL
7508	TBC1D10C.3	1.07E-22	-0.9088	0.296	0.664	2.02E-18	Erythrocyt	TBC1D10C
7509	MYL12A.4	1.36E-22	-0.71429	0.655	0.947	2.55E-18	Erythrocyt	MYL12A
7510	HNRNPK.2	1.40E-22	-0.84284	0.408	0.746	2.63E-18	Erythrocyt	HNRNPK
7511	RPL28.2	2.05E-22	-0.63074	0.879	0.998	3.86E-18	Erythrocyt	RPL28
7512	RPS13.3	2.20E-22	-0.64866	0.806	0.994	4.13E-18	Erythrocyt	RPS13
7513	RPS5.5	2.64E-22	-0.65284	0.762	0.985	4.96E-18	Erythrocyt	RPS5
7514	ACTR3.2	2.96E-22	-0.92475	0.335	0.665	5.56E-18	Erythrocyt	ACTR3
7515	SLC25A5.1	3.01E-22	-0.88377	0.374	0.703	5.65E-18	Erythrocyt	SLC25A5
7516	NPM1.4	3.08E-22	-0.75815	0.578	0.912	5.79E-18	Erythrocyt	NPM1
7517	UBXN1.1	3.26E-22	-0.82503	0.393	0.72	6.13E-18	Erythrocyt	UBXN1
7518	DBI.2	4.66E-22	-0.91065	0.252	0.601	8.75E-18	Erythrocyt	DBI
7519	SARAF.5	5.52E-22	-0.79734	0.602	0.888	1.04E-17	Erythrocyt	SARAF
7520	NCOA4.3	6.29E-22	1.668255	0.49	0.261	1.18E-17	Erythrocyt	NCOA4
7521	DDX5.3	6.67E-22	-0.77511	0.529	0.848	1.25E-17	Erythrocyt	DDX5

7522	RPL18.3	1.18E-21	-0.65214	0.738	0.992	2.23E-17	Erythrocyt	RPL18
7523	GLRX5.1	1.24E-21	0.747796	0.262	0.082	2.33E-17	Erythrocyt	GLRX5
7524	HNRNPF.3	1.24E-21	-0.80101	0.359	0.695	2.34E-17	Erythrocyt	HNRNPF
7525	RPS6.4	1.34E-21	-0.62823	0.733	0.99	2.52E-17	Erythrocyt	RPS6
7526	ARL6IP5.2	1.64E-21	-0.8532	0.286	0.646	3.07E-17	Erythrocyt	ARL6IP5
7527	S100A6.4	1.95E-21	-1.64808	0.456	0.753	3.66E-17	Erythrocyt	S100A6
7528	HCLS1.3	2.16E-21	-0.85472	0.325	0.667	4.06E-17	Erythrocyt	HCLS1
7529	DAZAP2.2	2.23E-21	-0.77762	0.422	0.748	4.18E-17	Erythrocyt	DAZAP2
7530	PSMA7.1	2.41E-21	-0.82111	0.359	0.686	4.54E-17	Erythrocyt	PSMA7
7531	SERP1.3	2.98E-21	-0.73169	0.427	0.777	5.61E-17	Erythrocyt	SERP1
7532	SF3B2	3.62E-21	-0.88819	0.209	0.538	6.79E-17	Erythrocyt	SF3B2
7533	CD74.5	3.62E-21	-1.19887	0.495	0.812	6.80E-17	Erythrocyt	CD74
7534	RPL15.3	4.58E-21	-0.61245	0.694	0.983	8.61E-17	Erythrocyt	RPL15
7535	SSR2.2	4.67E-21	-0.75979	0.393	0.743	8.76E-17	Erythrocyt	SSR2
7536	CYBA.5	5.20E-21	-0.92666	0.403	0.733	9.77E-17	Erythrocyt	CYBA
7537	PCBP1.4	5.27E-21	-0.69286	0.728	0.875	9.89E-17	Erythrocyt	PCBP1
7538	S100A10.3	6.25E-21	-1.4139	0.311	0.622	1.17E-16	Erythrocyt	S100A10
7539	RPL4.2	7.58E-21	-0.69229	0.549	0.908	1.42E-16	Erythrocyt	RPL4
7540	PGK1.2	8.09E-21	-0.76133	0.345	0.692	1.52E-16	Erythrocyt	PGK1
7541	SLC40A1.1	8.14E-21	0.570555	0.233	0.068	1.53E-16	Erythrocyt	SLC40A1
7542	RPL10.3	8.51E-21	-0.64559	0.791	0.996	1.60E-16	Erythrocyt	RPL10
7543	RPL30.3	8.64E-21	-0.61258	0.917	0.998	1.62E-16	Erythrocyt	RPL30
7544	PSMB8.1	1.12E-20	-0.78581	0.325	0.673	2.11E-16	Erythrocyt	PSMB8
7545	TXNIP.3	1.16E-20	-0.84729	0.432	0.772	2.18E-16	Erythrocyt	TXNIP
7546	JAK1.4	1.37E-20	-0.81448	0.311	0.642	2.57E-16	Erythrocyt	JAK1
7547	RPS19.2	1.41E-20	-0.62058	0.767	0.994	2.64E-16	Erythrocyt	RPS19
7548	RPL13.3	1.50E-20	-0.61148	0.859	0.993	2.81E-16	Erythrocyt	RPL13
7549	RBM3	1.55E-20	-0.8864	0.238	0.584	2.92E-16	Erythrocyt	RBM3
7550	SRSF3.1	1.61E-20	-0.94954	0.17	0.506	3.03E-16	Erythrocyt	SRSF3
7551	HMGN2.2	1.75E-20	-0.80268	0.403	0.753	3.28E-16	Erythrocyt	HMGN2
7552	CAP1.5	3.26E-20	-0.88593	0.252	0.583	6.13E-16	Erythrocyt	CAP1
7553	PRR13.2	4.91E-20	-0.79638	0.33	0.658	9.22E-16	Erythrocyt	PRR13
7554	PSME2.3	4.99E-20	-0.87878	0.311	0.652	9.38E-16	Erythrocyt	PSME2
7555	EMP3.5	6.31E-20	-0.89531	0.485	0.79	1.19E-15	Erythrocyt	EMP3
7556	SUMO2.2	7.33E-20	-0.67778	0.505	0.847	1.38E-15	Erythrocyt	SUMO2
7557	FAU.3	8.74E-20	-0.5948	0.84	0.998	1.64E-15	Erythrocyt	FAU
7558	SRP14.2	1.38E-19	-0.59821	0.597	0.882	2.59E-15	Erythrocyt	SRP14
7559	UBE2I	1.42E-19	-0.80049	0.248	0.571	2.67E-15	Erythrocyt	UBE2I
7560	EIF3F.2	1.56E-19	-0.6962	0.432	0.786	2.93E-15	Erythrocyt	EIF3F
7561	MT-ND2.4	1.56E-19	-0.72773	0.558	0.851	2.94E-15	Erythrocyt	MT-ND2
7562	SLC25A6.1	1.74E-19	-0.73324	0.461	0.799	3.28E-15	Erythrocyt	SLC25A6
7563	RPL14.4	2.49E-19	-0.62888	0.738	0.99	4.67E-15	Erythrocyt	RPL14
7564	FCMR.5	2.73E-19	-1.01427	0.267	0.578	5.13E-15	Erythrocyt	FCMR
7565	PSMB10.2	2.86E-19	-0.8117	0.248	0.59	5.37E-15	Erythrocyt	PSMB10
7566	PRELID1.3	3.08E-19	-0.95823	0.209	0.513	5.79E-15	Erythrocyt	PRELID1
7567	EIF3H.2	4.56E-19	-0.71191	0.437	0.755	8.57E-15	Erythrocyt	EIF3H
7568	EEF1D.3	5.00E-19	-0.59007	0.694	0.986	9.39E-15	Erythrocyt	EEF1D

7569	ARPC5.3	5.60E-19	-0.82629	0.286	0.625	1.05E-14	Erythrocyt	ARPC5
7570	RPS4Y1.1	5.63E-19	-1.56248	0.141	0.45	1.06E-14	Erythrocyt	RPS4Y1
7571	SHISA5.1	5.84E-19	-0.89694	0.146	0.449	1.10E-14	Erythrocyt	SHISA5
7572	ZFP36L1.3	6.55E-19	-0.97161	0.223	0.54	1.23E-14	Erythrocyt	ZFP36L1
7573	COX5B.1	7.16E-19	-0.68276	0.461	0.758	1.35E-14	Erythrocyt	COX5B
7574	PKM.2	7.28E-19	-0.86092	0.291	0.614	1.37E-14	Erythrocyt	PKM
7575	HCST.4	7.50E-19	-1.00785	0.306	0.629	1.41E-14	Erythrocyt	HCST
7576	SSR4.2	8.81E-19	-0.75316	0.359	0.686	1.66E-14	Erythrocyt	SSR4
7577	RPS14.4	1.25E-18	-0.59097	0.85	0.992	2.35E-14	Erythrocyt	RPS14
7578	TPI1.4	1.31E-18	-0.88523	0.311	0.622	2.46E-14	Erythrocyt	TPI1
7579	RPL35.3	1.44E-18	-0.5975	0.66	0.984	2.70E-14	Erythrocyt	RPL35
7580	RPS10.2	1.47E-18	-0.76641	0.345	0.67	2.76E-14	Erythrocyt	RPS10
7581	RPL11.3	1.68E-18	-0.58462	0.854	0.995	3.16E-14	Erythrocyt	RPL11
7582	LY6E.2	1.71E-18	-0.82252	0.301	0.636	3.20E-14	Erythrocyt	LY6E
7583	HAGH	1.96E-18	0.749622	0.359	0.156	3.69E-14	Erythrocyt	HAGH
7584	EIF3G.3	2.06E-18	-0.70827	0.427	0.766	3.88E-14	Erythrocyt	EIF3G
7585	SEPT9.3	2.08E-18	-0.83085	0.272	0.585	3.91E-14	Erythrocyt	Sep-09
7586	RAB2B	2.19E-18	0.385724	0.136	0.03	4.12E-14	Erythrocyt	RAB2B
7587	TKT.3	2.24E-18	-1.07134	0.218	0.51	4.21E-14	Erythrocyt	TKT
7588	CD53.3	2.73E-18	-0.77613	0.267	0.595	5.13E-14	Erythrocyt	CD53
7589	EIF3D.3	2.91E-18	-0.77936	0.238	0.561	5.47E-14	Erythrocyt	EIF3D
7590	RPL24.3	3.03E-18	-0.57091	0.752	0.986	5.69E-14	Erythrocyt	RPL24
7591	RPL18A.4	3.40E-18	-0.58497	0.835	0.992	6.38E-14	Erythrocyt	RPL18A
7592	ERP29.1	3.42E-18	-0.65262	0.369	0.722	6.43E-14	Erythrocyt	ERP29
7593	SRP9.2	3.49E-18	-0.76123	0.262	0.591	6.56E-14	Erythrocyt	SRP9
7594	SPCS1.2	3.59E-18	-0.72065	0.311	0.647	6.74E-14	Erythrocyt	SPCS1
7595	ATP5PB	3.62E-18	-0.75534	0.267	0.594	6.81E-14	Erythrocyt	ATP5PB
7596	SEPT7.3	4.00E-18	-0.78727	0.325	0.654	7.51E-14	Erythrocyt	Sep-07
7597	NCL.1	4.00E-18	-0.69395	0.427	0.73	7.52E-14	Erythrocyt	NCL
7598	RPL23A.2	4.46E-18	-0.58773	0.689	0.964	8.38E-14	Erythrocyt	RPL23A
7599	XRCC6.1	4.92E-18	-0.72102	0.291	0.6	9.24E-14	Erythrocyt	XRCC6
7600	ENO1.3	5.02E-18	-0.77863	0.354	0.646	9.42E-14	Erythrocyt	ENO1
7601	EIF4B.2	5.07E-18	-0.8232	0.267	0.578	9.52E-14	Erythrocyt	EIF4B
7602	ZFP36L2.4	5.86E-18	-0.83257	0.316	0.631	1.10E-13	Erythrocyt	ZFP36L2
7603	PPP1CA.2	6.37E-18	-0.71795	0.325	0.662	1.20E-13	Erythrocyt	PPP1CA
7604	CIRBP.3	7.08E-18	-0.69587	0.451	0.767	1.33E-13	Erythrocyt	CIRBP
7605	RPS4X.4	8.55E-18	-0.58885	0.806	0.991	1.61E-13	Erythrocyt	RPS4X
7606	PFDN5.1	8.98E-18	-0.51011	0.786	0.98	1.69E-13	Erythrocyt	PFDN5
7607	SON.1	1.05E-17	-0.75249	0.33	0.646	1.98E-13	Erythrocyt	SON
7608	ATP5MG.3	1.20E-17	-0.55081	0.694	0.921	2.26E-13	Erythrocyt	ATP5MG
7609	PSMB9.2	1.25E-17	-0.75066	0.345	0.682	2.35E-13	Erythrocyt	PSMB9
7610	MT-ND4.3	1.33E-17	-0.54958	0.694	0.958	2.50E-13	Erythrocyt	MT-ND4
7611	ATP5F1D.1	1.41E-17	-0.59219	0.398	0.726	2.66E-13	Erythrocyt	ATP5F1D
7612	RPL9.3	1.51E-17	-0.57542	0.694	0.986	2.84E-13	Erythrocyt	RPL9
7613	ALDOA.3	1.61E-17	-0.86916	0.34	0.643	3.02E-13	Erythrocyt	ALDOA
7614	ARHGDI.1	1.83E-17	-0.81851	0.18	0.481	3.44E-13	Erythrocyt	ARHGDI.1
7615	MSN.2	2.16E-17	-0.86688	0.175	0.482	4.06E-13	Erythrocyt	MSN

7616	UBE2D2.2	2.34E-17	-0.66882	0.432	0.724	4.40E-13	Erythrocyt	UBE2D2
7617	RPSA.2	2.41E-17	-0.57944	0.631	0.941	4.53E-13	Erythrocyt	RPSA
7618	RAP1B.3	2.49E-17	-0.83644	0.32	0.626	4.68E-13	Erythrocyt	RAP1B
7619	OSTF1.3	2.57E-17	-0.86105	0.16	0.459	4.82E-13	Erythrocyt	OSTF1
7620	SELL.4	3.59E-17	-0.74857	0.451	0.76	6.74E-13	Erythrocyt	SELL
7621	EIF3L.3	3.63E-17	-0.67212	0.383	0.694	6.82E-13	Erythrocyt	EIF3L
7622	GNG5.2	4.18E-17	-0.74573	0.354	0.635	7.84E-13	Erythrocyt	GNG5
7623	APBB1IP.2	4.45E-17	-0.8347	0.165	0.456	8.37E-13	Erythrocyt	APBB1IP
7624	TMA7.2	4.84E-17	-0.4703	0.655	0.928	9.10E-13	Erythrocyt	TMA7
7625	NDUFB2.2	5.52E-17	-0.74121	0.34	0.641	1.04E-12	Erythrocyt	NDUFB2
7626	CD99.3	5.93E-17	-1.11385	0.267	0.542	1.11E-12	Erythrocyt	CD99
7627	COX5A.4	5.94E-17	-0.78283	0.267	0.562	1.12E-12	Erythrocyt	COX5A
7628	WDR1.1	6.03E-17	-0.82922	0.214	0.509	1.13E-12	Erythrocyt	WDR1
7629	RPS25.3	6.86E-17	-0.55615	0.811	0.992	1.29E-12	Erythrocyt	RPS25
7630	IFITM3.5	8.77E-17	-1.59817	0.277	0.551	1.65E-12	Erythrocyt	IFITM3
7631	COX8A.3	8.99E-17	-0.81287	0.316	0.615	1.69E-12	Erythrocyt	COX8A
7632	COX6A1.2	1.12E-16	-0.58914	0.524	0.771	2.11E-12	Erythrocyt	COX6A1
7633	CNN2.3	1.20E-16	-0.69298	0.369	0.683	2.25E-12	Erythrocyt	CNN2
7634	PSMB3.2	1.24E-16	-0.76898	0.204	0.51	2.34E-12	Erythrocyt	PSMB3
7635	EDF1	1.28E-16	-0.56478	0.437	0.772	2.41E-12	Erythrocyt	EDF1
7636	TUBA1B.3	1.35E-16	-0.96827	0.233	0.519	2.53E-12	Erythrocyt	TUBA1B
7637	CD52.5	1.42E-16	-0.62392	0.519	0.827	2.67E-12	Erythrocyt	CD52
7638	RAC1.2	1.60E-16	-0.92008	0.214	0.498	3.01E-12	Erythrocyt	RAC1
7639	SELENOH.3	1.79E-16	-0.70296	0.413	0.718	3.37E-12	Erythrocyt	SELENOH
7640	MAP2K3.1	1.84E-16	1.055067	0.417	0.219	3.46E-12	Erythrocyt	MAP2K3
7641	GDI2.2	1.97E-16	-0.74556	0.262	0.563	3.70E-12	Erythrocyt	GDI2
7642	RPL35A.4	2.25E-16	-0.54991	0.845	0.989	4.22E-12	Erythrocyt	RPL35A
7643	BANF1	2.27E-16	-0.76135	0.189	0.485	4.26E-12	Erythrocyt	BANF1
7644	RNASET2.3	2.39E-16	-0.79914	0.316	0.602	4.50E-12	Erythrocyt	RNASET2
7645	RIPOR2.2	2.44E-16	-0.81029	0.316	0.598	4.59E-12	Erythrocyt	RIPOR2
7646	RPL37.4	2.69E-16	-0.52679	0.728	0.981	5.06E-12	Erythrocyt	RPL37
7647	LDHA.3	2.73E-16	-0.73055	0.286	0.593	5.13E-12	Erythrocyt	LDHA
7648	COX6B1.3	2.91E-16	-0.57375	0.549	0.815	5.47E-12	Erythrocyt	COX6B1
7649	NDUFB10	3.67E-16	-0.7627	0.218	0.509	6.90E-12	Erythrocyt	NDUFB10
7650	ATP5MC3..	3.83E-16	-0.64116	0.393	0.68	7.20E-12	Erythrocyt	ATP5MC3
7651	ARPC1B.2	4.03E-16	-0.81495	0.189	0.478	7.58E-12	Erythrocyt	ARPC1B
7652	C4orf3.1	4.20E-16	-0.68843	0.262	0.576	7.89E-12	Erythrocyt	C4orf3
7653	TRMT112..	4.70E-16	-0.56619	0.34	0.676	8.83E-12	Erythrocyt	TRMT112
7654	SEC61B.3	5.08E-16	-0.79246	0.301	0.581	9.54E-12	Erythrocyt	SEC61B
7655	EIF4G2	5.68E-16	-0.78271	0.199	0.482	1.07E-11	Erythrocyt	EIF4G2
7656	BTF3.4	5.91E-16	-0.45081	0.888	0.955	1.11E-11	Erythrocyt	BTF3
7657	HMGB1.3	6.04E-16	-0.63835	0.549	0.815	1.13E-11	Erythrocyt	HMGB1
7658	PTPN6.4	6.06E-16	-0.74945	0.296	0.606	1.14E-11	Erythrocyt	PTPN6
7659	RPS15.3	6.49E-16	-0.52437	0.869	0.995	1.22E-11	Erythrocyt	RPS15
7660	PPP1R18.2	6.84E-16	-0.74678	0.175	0.476	1.28E-11	Erythrocyt	PPP1R18
7661	RPL22.3	7.72E-16	-0.54421	0.66	0.979	1.45E-11	Erythrocyt	RPL22
7662	SNRPD2.3	7.87E-16	-0.5191	0.529	0.845	1.48E-11	Erythrocyt	SNRPD2

7663	ARF5.3	1.06E-15	-0.64407	0.243	0.543	1.99E-11	Erythrocyt	ARF5
7664	ANXA6.4	1.13E-15	-0.71443	0.282	0.583	2.12E-11	Erythrocyt	ANXA6
7665	AES.4	1.23E-15	-0.68136	0.451	0.733	2.31E-11	Erythrocyt	AES
7666	LITAF.3	1.26E-15	-0.85881	0.252	0.546	2.37E-11	Erythrocyt	LITAF
7667	RPLP1.4	1.37E-15	-0.5488	0.951	0.997	2.58E-11	Erythrocyt	RPLP1
7668	BCAP31	1.39E-15	-0.66686	0.228	0.537	2.61E-11	Erythrocyt	BCAP31
7669	ATP6V1G1	1.40E-15	-0.58911	0.481	0.792	2.63E-11	Erythrocyt	ATP6V1G1
7670	HLA-F.3	1.42E-15	-0.77169	0.223	0.505	2.67E-11	Erythrocyt	HLA-F
7671	PPP2R1A.1	1.57E-15	-0.73426	0.189	0.47	2.95E-11	Erythrocyt	PPP2R1A
7672	UQCRH.2	1.71E-15	-0.5158	0.476	0.774	3.21E-11	Erythrocyt	UQCRH
7673	COMMD6.	1.76E-15	-0.51438	0.578	0.917	3.30E-11	Erythrocyt	COMMD6
7674	ZYX.3	1.99E-15	-0.93297	0.121	0.396	3.74E-11	Erythrocyt	ZYX
7675	CREG1.2	2.03E-15	0.647931	0.218	0.076	3.81E-11	Erythrocyt	CREG1
7676	BIN2.3	2.27E-15	-0.76944	0.223	0.499	4.26E-11	Erythrocyt	BIN2
7677	EIF1B.3	2.32E-15	0.84404	0.563	0.371	4.36E-11	Erythrocyt	EIF1B
7678	CDC42.3	2.55E-15	-0.66755	0.403	0.658	4.79E-11	Erythrocyt	CDC42
7679	RPS15A.3	2.66E-15	-0.51571	0.903	0.997	5.00E-11	Erythrocyt	RPS15A
7680	VSIR.3	2.75E-15	-0.93584	0.141	0.405	5.17E-11	Erythrocyt	VSIR
7681	ATP6V0E1.	4.34E-15	-0.65192	0.388	0.692	8.15E-11	Erythrocyt	ATP6V0E1
7682	VAMP8.4	4.38E-15	-0.71299	0.306	0.584	8.22E-11	Erythrocyt	VAMP8
7683	RPS27A.3	4.65E-15	-0.54873	0.796	0.995	8.74E-11	Erythrocyt	RPS27A
7684	BAG1	5.68E-15	0.702602	0.408	0.205	1.07E-10	Erythrocyt	BAG1
7685	HSP90AB1	6.03E-15	-0.63931	0.66	0.843	1.13E-10	Erythrocyt	HSP90AB1
7686	RPL32.3	6.46E-15	-0.53781	0.874	0.995	1.21E-10	Erythrocyt	RPL32
7687	PDIA3.3	6.85E-15	-0.7739	0.238	0.51	1.29E-10	Erythrocyt	PDIA3
7688	RPL13A.1	8.23E-15	-0.61483	0.408	0.719	1.55E-10	Erythrocyt	RPL13A
7689	GMFG.5	8.57E-15	-0.55921	0.476	0.767	1.61E-10	Erythrocyt	GMFG
7690	RPS12.5	8.76E-15	-0.49509	0.995	0.995	1.65E-10	Erythrocyt	RPS12
7691	ICAM3.1	8.88E-15	-0.67712	0.325	0.611	1.67E-10	Erythrocyt	ICAM3
7692	BRD2	9.80E-15	-0.76268	0.058	0.316	1.84E-10	Erythrocyt	BRD2
7693	HINT1.3	1.00E-14	-0.48329	0.646	0.916	1.89E-10	Erythrocyt	HINT1
7694	PRMT2.4	1.14E-14	-0.75734	0.252	0.536	2.14E-10	Erythrocyt	PRMT2
7695	RBM39	1.16E-14	-0.68983	0.243	0.542	2.17E-10	Erythrocyt	RBM39
7696	RPL36AL.2	1.16E-14	-0.47057	0.612	0.901	2.18E-10	Erythrocyt	RPL36AL
7697	ATP5F1A.2	1.20E-14	-0.71588	0.257	0.536	2.25E-10	Erythrocyt	ATP5F1A
7698	SF1.3	1.24E-14	-0.68395	0.316	0.592	2.32E-10	Erythrocyt	SF1
7699	HIGD2A.3	1.47E-14	-0.6528	0.379	0.67	2.76E-10	Erythrocyt	HIGD2A
7700	SELPLG.3	1.48E-14	-0.82124	0.199	0.464	2.79E-10	Erythrocyt	SELPLG
7701	RPS8.4	1.56E-14	-0.53054	0.796	0.992	2.92E-10	Erythrocyt	RPS8
7702	ATP5F1C.2	1.66E-14	-0.68569	0.262	0.537	3.12E-10	Erythrocyt	ATP5F1C
7703	LAMTOR4.	1.70E-14	-0.6257	0.311	0.606	3.20E-10	Erythrocyt	LAMTOR4
7704	LRRFIP1.3	1.72E-14	-0.76286	0.189	0.456	3.24E-10	Erythrocyt	LRRFIP1
7705	DDOST.4	1.75E-14	-0.77884	0.18	0.441	3.28E-10	Erythrocyt	DDOST
7706	CCND3.4	1.76E-14	-0.73528	0.316	0.589	3.30E-10	Erythrocyt	CCND3
7707	RPN2.2	1.81E-14	-0.75291	0.155	0.422	3.40E-10	Erythrocyt	RPN2
7708	ARHGEF1.4	1.83E-14	-0.73253	0.282	0.557	3.43E-10	Erythrocyt	ARHGEF1
7709	UCP2.5	1.99E-14	-0.68712	0.602	0.781	3.74E-10	Erythrocyt	UCP2

7710	RARRES3.4	2.10E-14	-0.81056	0.282	0.557	3.95E-10	Erythrocyt	RARRES3
7711	TSC22D3.2	2.35E-14	-0.72659	0.33	0.618	4.42E-10	Erythrocyt	TSC22D3
7712	HSP90AA1	2.57E-14	-0.66843	0.49	0.715	4.82E-10	Erythrocyt	HSP90AA1
7713	BRK1.1	2.65E-14	-0.59523	0.471	0.709	4.97E-10	Erythrocyt	BRK1
7714	OPTN.4	2.76E-14	0.663978	0.374	0.182	5.18E-10	Erythrocyt	OPTN
7715	HNRNPA0.	2.96E-14	-0.70647	0.243	0.513	5.56E-10	Erythrocyt	HNRNPA0
7716	MT-ND5.1	3.56E-14	-0.69148	0.456	0.717	6.69E-10	Erythrocyt	MT-ND5
7717	RPS16.2	3.58E-14	-0.43907	0.612	0.927	6.73E-10	Erythrocyt	RPS16
7718	SRI.2	5.49E-14	-0.65661	0.121	0.386	1.03E-09	Erythrocyt	SRI
7719	GRB2.2	5.62E-14	-0.77683	0.155	0.411	1.06E-09	Erythrocyt	GRB2
7720	FERMT3.3	5.75E-14	-0.77925	0.121	0.373	1.08E-09	Erythrocyt	FERMT3
7721	ATP5F1B.1	5.81E-14	-0.61356	0.456	0.694	1.09E-09	Erythrocyt	ATP5F1B
7722	RPL7.3	7.06E-14	-0.49775	0.592	0.869	1.33E-09	Erythrocyt	RPL7
7723	SRGN.4	7.20E-14	-1.31816	0.165	0.406	1.35E-09	Erythrocyt	SRGN
7724	PHB2.3	7.83E-14	-0.62069	0.267	0.572	1.47E-09	Erythrocyt	PHB2
7725	ATP6VOC.1	7.91E-14	0.831903	0.689	0.573	1.49E-09	Erythrocyt	ATP6VOC
7726	ATP6VOB.2	1.09E-13	-0.71398	0.18	0.45	2.04E-09	Erythrocyt	ATP6VOB
7727	ACAP1.3	1.14E-13	-0.70093	0.223	0.493	2.14E-09	Erythrocyt	ACAP1
7728	EWSR1.1	1.25E-13	-0.70291	0.146	0.398	2.34E-09	Erythrocyt	EWSR1
7729	PARVG.3	1.25E-13	-0.74963	0.087	0.332	2.34E-09	Erythrocyt	PARVG
7730	CALR.3	1.31E-13	-0.78554	0.359	0.605	2.47E-09	Erythrocyt	CALR
7731	RNF213.5	1.32E-13	-0.78977	0.146	0.398	2.48E-09	Erythrocyt	RNF213
7732	SERBP1.1	1.40E-13	-0.6348	0.311	0.581	2.63E-09	Erythrocyt	SERBP1
7733	LMAN2.2	1.44E-13	-0.69616	0.15	0.405	2.70E-09	Erythrocyt	LMAN2
7734	ANXA11.1	1.49E-13	-0.60821	0.296	0.571	2.80E-09	Erythrocyt	ANXA11
7735	RGS19.4	1.51E-13	-0.77673	0.155	0.409	2.84E-09	Erythrocyt	RGS19
7736	IER2.4	1.59E-13	-0.8715	0.233	0.498	2.98E-09	Erythrocyt	IER2
7737	CCT7.1	1.59E-13	-0.6606	0.199	0.465	2.98E-09	Erythrocyt	CCT7
7738	RPL41.2	1.69E-13	-0.50855	0.99	0.999	3.18E-09	Erythrocyt	RPL41
7739	DPP7.1	1.87E-13	-0.69132	0.204	0.464	3.50E-09	Erythrocyt	DPP7
7740	TWF2.2	1.89E-13	-0.67548	0.175	0.436	3.55E-09	Erythrocyt	TWF2
7741	ARL6IP4.1	2.31E-13	-0.588	0.345	0.624	4.34E-09	Erythrocyt	ARL6IP4
7742	ANXA2.4	2.34E-13	-1.12927	0.073	0.305	4.39E-09	Erythrocyt	ANXA2
7743	COX7A2.2	2.35E-13	-0.53744	0.437	0.698	4.42E-09	Erythrocyt	COX7A2
7744	PYCARD.3	2.38E-13	-1.04908	0.131	0.368	4.47E-09	Erythrocyt	PYCARD
7745	AURKAIP1.	2.45E-13	-0.62862	0.165	0.424	4.60E-09	Erythrocyt	AURKAIP1
7746	APRT.3	2.79E-13	-0.42678	0.451	0.749	5.24E-09	Erythrocyt	APRT
7747	PARK7	3.03E-13	-0.58714	0.369	0.626	5.68E-09	Erythrocyt	PARK7
7748	HSP90B1.3	3.13E-13	-0.92568	0.262	0.506	5.88E-09	Erythrocyt	HSP90B1
7749	H2AFZ.3	3.31E-13	-0.72827	0.252	0.526	6.21E-09	Erythrocyt	H2AFZ
7750	SRRM1	3.32E-13	-0.62738	0.194	0.466	6.24E-09	Erythrocyt	SRRM1
7751	ASCC2	3.68E-13	0.6037	0.34	0.164	6.91E-09	Erythrocyt	ASCC2
7752	ANXA1.5	3.71E-13	-1.26518	0.112	0.351	6.97E-09	Erythrocyt	ANXA1
7753	TMEM59.2	3.77E-13	-0.6054	0.291	0.558	7.08E-09	Erythrocyt	TMEM59
7754	SNRPB	5.03E-13	-0.69776	0.194	0.448	9.45E-09	Erythrocyt	SNRPB
7755	RPL10A.3	5.08E-13	-0.48469	0.65	0.955	9.55E-09	Erythrocyt	RPL10A
7756	TUBA1A.3	5.21E-13	-0.76456	0.165	0.422	9.79E-09	Erythrocyt	TUBA1A

7757	VDAC2.1	5.31E-13	-0.69707	0.238	0.482	9.97E-09	Erythrocyt	VDAC2
7758	FYB1.5	5.46E-13	-0.78666	0.311	0.572	1.02E-08	Erythrocyt	FYB1
7759	FKBP1A.3	5.58E-13	-0.6792	0.35	0.585	1.05E-08	Erythrocyt	FKBP1A
7760	GLUL.3	5.80E-13	0.759196	0.34	0.17	1.09E-08	Erythrocyt	GLUL
7761	LAMP1.1	5.88E-13	-0.69743	0.097	0.337	1.11E-08	Erythrocyt	LAMP1
7762	RSRP1.1	6.07E-13	-0.6794	0.223	0.48	1.14E-08	Erythrocyt	RSRP1
7763	PNISR.3	7.19E-13	-0.65126	0.296	0.557	1.35E-08	Erythrocyt	PNISR
7764	ATP5PD.2	7.50E-13	-0.5693	0.277	0.552	1.41E-08	Erythrocyt	ATP5PD
7765	UBE2L6.1	7.61E-13	-0.678	0.204	0.461	1.43E-08	Erythrocyt	UBE2L6
7766	DRAP1.3	7.61E-13	-0.6001	0.291	0.541	1.43E-08	Erythrocyt	DRAP1
7767	TOMM7.3	7.61E-13	-0.49354	0.505	0.822	1.43E-08	Erythrocyt	TOMM7
7768	TMEM50A	7.69E-13	-0.66707	0.233	0.484	1.44E-08	Erythrocyt	TMEM50A
7769	TNFAIP8.4	7.72E-13	-0.65193	0.228	0.494	1.45E-08	Erythrocyt	TNFAIP8
7770	ISCA1	8.97E-13	0.637803	0.301	0.142	1.68E-08	Erythrocyt	ISCA1
7771	SLC9A3R1.	8.98E-13	-0.821	0.17	0.415	1.69E-08	Erythrocyt	SLC9A3R1
7772	APEX1.3	9.69E-13	-0.69267	0.223	0.483	1.82E-08	Erythrocyt	APEX1
7773	NDUFAB1.	9.74E-13	-0.65589	0.204	0.447	1.83E-08	Erythrocyt	NDUFAB1
7774	STK38.2	1.03E-12	-0.73596	0.087	0.316	1.93E-08	Erythrocyt	STK38
7775	NAP1L1.2	1.05E-12	-0.70478	0.209	0.46	1.97E-08	Erythrocyt	NAP1L1
7776	TRAPPC1.1	1.06E-12	-0.58515	0.345	0.611	1.99E-08	Erythrocyt	TRAPPC1
7777	SRSF11.2	1.09E-12	-0.66889	0.17	0.422	2.05E-08	Erythrocyt	SRSF11
7778	GTF3A.1	1.17E-12	-0.55044	0.311	0.584	2.21E-08	Erythrocyt	GTF3A
7779	UXT.2	1.18E-12	-0.54496	0.388	0.658	2.21E-08	Erythrocyt	UXT
7780	PRRC2C	1.19E-12	-0.63464	0.199	0.457	2.24E-08	Erythrocyt	PRRC2C
7781	RNH1.2	1.20E-12	-0.74703	0.141	0.378	2.25E-08	Erythrocyt	RNH1
7782	ARHGAP4.	1.24E-12	-0.67101	0.16	0.411	2.34E-08	Erythrocyt	ARHGAP4
7783	PPM1G	1.30E-12	-0.66022	0.126	0.365	2.45E-08	Erythrocyt	PPM1G
7784	TAPBP	1.36E-12	-0.62868	0.131	0.382	2.55E-08	Erythrocyt	TAPBP
7785	SAMHD1.4	1.36E-12	-0.85366	0.184	0.417	2.56E-08	Erythrocyt	SAMHD1
7786	NDUFA4.3	1.50E-12	-0.52499	0.471	0.718	2.81E-08	Erythrocyt	NDUFA4
7787	TNFRSF14.	1.54E-12	-0.58669	0.175	0.44	2.90E-08	Erythrocyt	TNFRSF14
7788	MFNG.3	1.66E-12	-0.6874	0.097	0.331	3.13E-08	Erythrocyt	MFNG
7789	S100A4.4	1.74E-12	-1.89433	0.33	0.54	3.26E-08	Erythrocyt	S100A4
7790	CSTB.2	1.78E-12	-0.70675	0.218	0.467	3.35E-08	Erythrocyt	CSTB
7791	CNPY3.1	1.80E-12	-0.61438	0.189	0.451	3.38E-08	Erythrocyt	CNPY3
7792	ACTR2.2	1.90E-12	-0.72363	0.131	0.367	3.57E-08	Erythrocyt	ACTR2
7793	HNRNPC.1	2.08E-12	-0.55755	0.325	0.615	3.91E-08	Erythrocyt	HNRNPC
7794	SEPT6.2	2.17E-12	-0.62015	0.282	0.551	4.08E-08	Erythrocyt	Sep-06
7795	XRCC5	2.27E-12	-0.66675	0.277	0.506	4.26E-08	Erythrocyt	XRCC5
7796	HDAC1.1	2.29E-12	-0.66163	0.189	0.43	4.30E-08	Erythrocyt	HDAC1
7797	AHNAK.3	2.43E-12	-0.92517	0.044	0.259	4.57E-08	Erythrocyt	AHNAK
7798	NCOR1.1	2.54E-12	-0.66068	0.15	0.39	4.77E-08	Erythrocyt	NCOR1
7799	COPE.2	2.76E-12	-0.58158	0.209	0.487	5.18E-08	Erythrocyt	COPE
7800	MYH9.2	2.80E-12	-0.67125	0.214	0.464	5.25E-08	Erythrocyt	MYH9
7801	CD44.3	2.82E-12	-0.65545	0.184	0.439	5.29E-08	Erythrocyt	CD44
7802	PGLS.2	2.84E-12	-0.59908	0.199	0.461	5.34E-08	Erythrocyt	PGLS
7803	PLEK.3	2.99E-12	-0.98912	0.029	0.236	5.61E-08	Erythrocyt	PLEK

7804	HNRNPA3.	3.12E-12	-0.59627	0.286	0.538	5.87E-08	Erythrocyt	HNRNPA3
7805	DAD1.2	3.14E-12	-0.59337	0.33	0.585	5.89E-08	Erythrocyt	DAD1
7806	AUP1	3.36E-12	-0.61758	0.238	0.482	6.31E-08	Erythrocyt	AUP1
7807	RPS11.3	3.41E-12	-0.40675	0.573	0.815	6.41E-08	Erythrocyt	RPS11
7808	TRAF3IP3.4	3.53E-12	-0.54385	0.403	0.662	6.63E-08	Erythrocyt	TRAF3IP3
7809	MIF.3	3.64E-12	-0.46837	0.539	0.835	6.84E-08	Erythrocyt	MIF
7810	SAP18.1	3.71E-12	-0.53625	0.388	0.637	6.96E-08	Erythrocyt	SAP18
7811	CDC37.1	3.82E-12	-0.56702	0.335	0.598	7.17E-08	Erythrocyt	CDC37
7812	SYNGR2.3	4.77E-12	-0.62748	0.262	0.516	8.96E-08	Erythrocyt	SYNGR2
7813	UFC1.1	4.94E-12	-0.5709	0.248	0.511	9.29E-08	Erythrocyt	UFC1
7814	COX6C.1	4.94E-12	-0.47769	0.485	0.77	9.29E-08	Erythrocyt	COX6C
7815	SNX17.1	5.43E-12	-0.58853	0.18	0.42	1.02E-07	Erythrocyt	SNX17
7816	OTUB1	5.68E-12	-0.56725	0.238	0.509	1.07E-07	Erythrocyt	OTUB1
7817	SRSF2.1	5.76E-12	-0.6382	0.17	0.412	1.08E-07	Erythrocyt	SRSF2
7818	SF3B4	6.12E-12	-0.61176	0.107	0.336	1.15E-07	Erythrocyt	SF3B4
7819	CD47.2	6.93E-12	-0.60648	0.214	0.471	1.30E-07	Erythrocyt	CD47
7820	RPS24.4	7.39E-12	-0.44372	0.82	0.995	1.39E-07	Erythrocyt	RPS24
7821	MYL6.3	7.92E-12	-0.53812	0.893	0.948	1.49E-07	Erythrocyt	MYL6
7822	CTSS.2	8.73E-12	-1.14928	0.131	0.361	1.64E-07	Erythrocyt	CTSS
7823	RHOH.4	8.99E-12	-0.6252	0.209	0.46	1.69E-07	Erythrocyt	RHOH
7824	COX7A2L.1	1.02E-11	-0.51482	0.291	0.532	1.91E-07	Erythrocyt	COX7A2L
7825	RNPS1.3	1.12E-11	-0.5936	0.209	0.45	2.10E-07	Erythrocyt	RNPS1
7826	GSTK1.2	1.12E-11	-0.53537	0.393	0.678	2.11E-07	Erythrocyt	GSTK1
7827	FAM49B.1	1.20E-11	-0.65571	0.189	0.431	2.25E-07	Erythrocyt	FAM49B
7828	RPL22L1.4	1.20E-11	-0.62292	0.214	0.465	2.25E-07	Erythrocyt	RPL22L1
7829	HLA-DRB5.	1.21E-11	-1.63891	0.165	0.394	2.27E-07	Erythrocyt	HLA-DRB5
7830	EPC1.1	1.25E-11	-0.65338	0.194	0.437	2.34E-07	Erythrocyt	EPC1
7831	JAZF1.2	1.29E-11	0.418415	0.228	0.092	2.42E-07	Erythrocyt	JAZF1
7832	XBP1.4	1.36E-11	-0.90686	0.146	0.367	2.55E-07	Erythrocyt	XBP1
7833	ENSA.2	1.53E-11	-0.60945	0.121	0.348	2.87E-07	Erythrocyt	ENSA
7834	NDUFB11	1.56E-11	-0.44746	0.451	0.696	2.94E-07	Erythrocyt	NDUFB11
7835	SEPT1.4	1.58E-11	-0.63301	0.335	0.579	2.97E-07	Erythrocyt	Sep-01
7836	P4HB.2	1.59E-11	-0.65667	0.155	0.386	2.99E-07	Erythrocyt	P4HB
7837	CALM3.1	1.84E-11	-0.63652	0.267	0.511	3.45E-07	Erythrocyt	CALM3
7838	VAPA.2	1.86E-11	-0.57382	0.214	0.464	3.49E-07	Erythrocyt	VAPA
7839	IQGAP1.2	1.90E-11	-0.67564	0.083	0.298	3.57E-07	Erythrocyt	IQGAP1
7840	EID1.1	1.98E-11	-0.60041	0.267	0.493	3.72E-07	Erythrocyt	EID1
7841	TAP1.3	2.00E-11	-0.69617	0.146	0.369	3.76E-07	Erythrocyt	TAP1
7842	SASH3.2	2.03E-11	-0.57563	0.107	0.333	3.81E-07	Erythrocyt	SASH3
7843	KMT2E.3	2.06E-11	-0.57368	0.209	0.449	3.87E-07	Erythrocyt	KMT2E
7844	TMED10.2	2.06E-11	-0.62282	0.117	0.33	3.87E-07	Erythrocyt	TMED10
7845	CLTA.2	2.07E-11	-0.64066	0.199	0.427	3.90E-07	Erythrocyt	CLTA
7846	EZR.3	2.20E-11	-0.70167	0.18	0.424	4.13E-07	Erythrocyt	EZR
7847	PSMA5.2	2.24E-11	-0.61846	0.175	0.41	4.20E-07	Erythrocyt	PSMA5
7848	SESN3	2.25E-11	0.485943	0.233	0.097	4.23E-07	Erythrocyt	SESN3
7849	OCIAD1.2	2.44E-11	-0.53429	0.194	0.429	4.58E-07	Erythrocyt	OCIAD1
7850	PSMD8.1	2.63E-11	-0.60713	0.204	0.431	4.95E-07	Erythrocyt	PSMD8

7851	C11orf58.1	2.66E-11	-0.56031	0.34	0.57	4.99E-07	Erythrocyt	C11orf58
7852	REX1BD.1	2.75E-11	-0.45158	0.223	0.469	5.16E-07	Erythrocyt	REX1BD
7853	ARHGAP9.	2.89E-11	-0.61114	0.126	0.363	5.43E-07	Erythrocyt	ARHGAP9
7854	OSTC.3	2.92E-11	-0.59705	0.199	0.435	5.49E-07	Erythrocyt	OSTC
7855	UQCRCQ.3	2.98E-11	-0.55417	0.233	0.481	5.60E-07	Erythrocyt	UQCRCQ
7856	HSPA5.4	2.99E-11	-0.7907	0.17	0.392	5.62E-07	Erythrocyt	HSPA5
7857	RALY.1	3.02E-11	-0.56506	0.184	0.429	5.67E-07	Erythrocyt	RALY
7858	TAGAP.4	3.26E-11	-0.73122	0.189	0.409	6.13E-07	Erythrocyt	TAGAP
7859	SNX6	3.27E-11	-0.56216	0.17	0.414	6.13E-07	Erythrocyt	SNX6
7860	SERPINB1.	3.28E-11	-0.68495	0.214	0.448	6.17E-07	Erythrocyt	SERPINB1
7861	CLNS1A.2	3.37E-11	-0.55461	0.165	0.406	6.32E-07	Erythrocyt	CLNS1A
7862	PAXX.4	3.42E-11	-0.61978	0.306	0.548	6.42E-07	Erythrocyt	PAXX
7863	DDX17	3.55E-11	-0.575	0.238	0.477	6.66E-07	Erythrocyt	DDX17
7864	ATP6AP2.1	3.64E-11	-0.62883	0.17	0.391	6.85E-07	Erythrocyt	ATP6AP2
7865	ATP5IF1	3.77E-11	-0.51596	0.32	0.58	7.08E-07	Erythrocyt	ATP5IF1
7866	VAMP2.2	3.77E-11	-0.6716	0.184	0.405	7.08E-07	Erythrocyt	VAMP2
7867	CIB1.2	4.05E-11	-0.55404	0.262	0.518	7.61E-07	Erythrocyt	CIB1
7868	RPL27A.1	4.10E-11	-0.44717	0.398	0.661	7.70E-07	Erythrocyt	RPL27A
7869	MYO1G.3	4.16E-11	-0.60835	0.063	0.27	7.82E-07	Erythrocyt	MYO1G
7870	HMGNI.3	4.17E-11	-0.54511	0.461	0.718	7.83E-07	Erythrocyt	HMGNI
7871	SNRPA.2	4.47E-11	-0.51948	0.15	0.384	8.40E-07	Erythrocyt	SNRPA
7872	RPL23.2	4.68E-11	-0.48867	0.388	0.656	8.79E-07	Erythrocyt	RPL23
7873	CBX3.1	4.72E-11	-0.61554	0.17	0.395	8.86E-07	Erythrocyt	CBX3
7874	COP5.1	4.98E-11	-0.61341	0.083	0.29	9.36E-07	Erythrocyt	COP5
7875	NOP53.2	5.00E-11	-0.49644	0.364	0.647	9.39E-07	Erythrocyt	NOP53
7876	RAD21.2	5.14E-11	-0.59381	0.131	0.352	9.65E-07	Erythrocyt	RAD21
7877	CYFIP2.1	5.38E-11	-0.60113	0.112	0.329	1.01E-06	Erythrocyt	CYFIP2
7878	RPLP2.3	5.38E-11	-0.35036	0.806	0.97	1.01E-06	Erythrocyt	RPLP2
7879	PGAM1.4	5.61E-11	-0.58847	0.267	0.498	1.05E-06	Erythrocyt	PGAM1
7880	TPM4.4	5.69E-11	-0.73031	0.049	0.245	1.07E-06	Erythrocyt	TPM4
7881	PPDPF.1	6.19E-11	-0.50118	0.558	0.806	1.16E-06	Erythrocyt	PPDPF
7882	EML4.1	6.22E-11	-0.65179	0.097	0.304	1.17E-06	Erythrocyt	EML4
7883	ILF2.3	6.29E-11	-0.60058	0.214	0.445	1.18E-06	Erythrocyt	ILF2
7884	N4BP2L2.2	6.29E-11	-0.52894	0.248	0.488	1.18E-06	Erythrocyt	N4BP2L2
7885	FLNA.5	6.79E-11	-0.79696	0.141	0.353	1.28E-06	Erythrocyt	FLNA
7886	RHOG.3	7.51E-11	-0.66081	0.286	0.515	1.41E-06	Erythrocyt	RHOG
7887	HNRNPU	8.37E-11	-0.5494	0.218	0.452	1.57E-06	Erythrocyt	HNRNPU
7888	HSBP1.2	8.57E-11	-0.66671	0.078	0.281	1.61E-06	Erythrocyt	HSBP1
7889	CCT5	8.85E-11	-0.58133	0.18	0.401	1.66E-06	Erythrocyt	CCT5
7890	SEM1.3	8.86E-11	-0.55555	0.18	0.416	1.66E-06	Erythrocyt	SEM1
7891	PPP1R12A.	8.93E-11	-0.64615	0.087	0.292	1.68E-06	Erythrocyt	PPP1R12A
7892	S100A11.3	9.20E-11	-1.65495	0.262	0.469	1.73E-06	Erythrocyt	S100A11
7893	TRAM1.2	9.61E-11	-0.59231	0.18	0.398	1.80E-06	Erythrocyt	TRAM1
7894	UBL5.2	9.72E-11	-0.43191	0.544	0.738	1.83E-06	Erythrocyt	UBL5
7895	LBR	9.78E-11	-0.60422	0.112	0.327	1.84E-06	Erythrocyt	LBR
7896	GLRX.2	9.83E-11	-0.59934	0.141	0.361	1.85E-06	Erythrocyt	GLRX
7897	C8orf59	1.06E-10	-0.51427	0.252	0.489	2.00E-06	Erythrocyt	C8orf59

7898 DDT	1.09E-10	-0.5248	0.282	0.531	2.05E-06	Erythrocyt	DDT
7899 STK4.2	1.15E-10	-0.50286	0.252	0.512	2.15E-06	Erythrocyt	STK4
7900 EIF2S3.1	1.21E-10	-0.58388	0.228	0.456	2.27E-06	Erythrocyt	EIF2S3
7901 LSM7.3	1.27E-10	-0.47388	0.388	0.643	2.39E-06	Erythrocyt	LSM7
7902 AKR1A1.3	1.29E-10	-0.61431	0.092	0.293	2.43E-06	Erythrocyt	AKR1A1
7903 NDUFB9.1	1.30E-10	-0.50531	0.35	0.593	2.44E-06	Erythrocyt	NDUFB9
7904 RTRAF.1	1.32E-10	-0.51847	0.301	0.548	2.49E-06	Erythrocyt	RTRAF
7905 CTSC.4	1.33E-10	-0.78956	0.126	0.334	2.50E-06	Erythrocyt	CTSC
7906 HMGN3.1	1.37E-10	-0.5197	0.209	0.449	2.56E-06	Erythrocyt	HMGN3
7907 FOXP1.3	1.43E-10	-0.6107	0.214	0.435	2.68E-06	Erythrocyt	FOXP1
7908 RPS28.4	1.44E-10	-0.42826	0.796	0.995	2.70E-06	Erythrocyt	RPS28
7909 DEK.2	1.46E-10	-0.6164	0.117	0.328	2.74E-06	Erythrocyt	DEK
7910 PSAP.3	1.47E-10	-1.06081	0.209	0.41	2.76E-06	Erythrocyt	PSAP
7911 FCER1G.3	1.47E-10	-1.95873	0.039	0.222	2.76E-06	Erythrocyt	FCER1G
7912 RTF2	1.47E-10	-0.59551	0.107	0.317	2.77E-06	Erythrocyt	RTF2
7913 DDX46	1.52E-10	-0.56542	0.117	0.332	2.85E-06	Erythrocyt	DDX46
7914 TCF25.1	1.53E-10	-0.62778	0.18	0.409	2.88E-06	Erythrocyt	TCF25
7915 CYTH1.2	1.57E-10	-0.62419	0.131	0.345	2.95E-06	Erythrocyt	CYTH1
7916 LGALS1.3	1.60E-10	-2.03989	0.049	0.231	3.00E-06	Erythrocyt	LGALS1
7917 ATP6V1F.1	1.61E-10	-0.52892	0.267	0.492	3.03E-06	Erythrocyt	ATP6V1F
7918 CCT8.3	1.67E-10	-0.52808	0.248	0.473	3.15E-06	Erythrocyt	CCT8
7919 LDHB.4	1.71E-10	-0.58509	0.495	0.743	3.22E-06	Erythrocyt	LDHB
7920 FGR.3	1.75E-10	-0.89192	0.039	0.226	3.28E-06	Erythrocyt	FGR
7921 EIF3I.1	1.76E-10	-0.55333	0.194	0.425	3.31E-06	Erythrocyt	EIF3I
7922 PAK2.2	1.80E-10	-0.57785	0.146	0.369	3.39E-06	Erythrocyt	PAK2
7923 AP1M1.1	1.81E-10	-0.59035	0.087	0.287	3.39E-06	Erythrocyt	AP1M1
7924 SNRPG.1	1.95E-10	-0.48134	0.262	0.521	3.66E-06	Erythrocyt	SNRPG
7925 ANAPC16.3	1.97E-10	-0.46131	0.461	0.68	3.69E-06	Erythrocyt	ANAPC16
7926 SNRPD3	1.98E-10	-0.56965	0.243	0.474	3.72E-06	Erythrocyt	SNRPD3
7927 ADD3.4	2.14E-10	-0.54226	0.243	0.493	4.03E-06	Erythrocyt	ADD3
7928 LCP2.2	2.35E-10	-0.64168	0.146	0.356	4.41E-06	Erythrocyt	LCP2
7929 CCT4.2	2.36E-10	-0.54049	0.272	0.516	4.44E-06	Erythrocyt	CCT4
7930 NDUFB4.2	2.39E-10	-0.44206	0.311	0.567	4.48E-06	Erythrocyt	NDUFB4
7931 ATP5MD.3	2.45E-10	-0.47876	0.34	0.614	4.61E-06	Erythrocyt	ATP5MD
7932 TRBC2.3	2.45E-10	-0.59074	0.437	0.678	4.61E-06	Erythrocyt	TRBC2
7933 HNRNPM	2.53E-10	-0.57359	0.17	0.395	4.76E-06	Erythrocyt	HNRNPM
7934 ANXA5.3	2.57E-10	-0.78099	0.078	0.272	4.82E-06	Erythrocyt	ANXA5
7935 CYBC1.2	2.59E-10	-0.52623	0.18	0.408	4.87E-06	Erythrocyt	CYBC1
7936 NDUFA12.3	2.61E-10	-0.5289	0.32	0.557	4.89E-06	Erythrocyt	NDUFA12
7937 MAPK1IP1	2.62E-10	-0.61041	0.068	0.257	4.93E-06	Erythrocyt	MAPK1IP1L
7938 COX7C.3	2.63E-10	-0.36693	0.68	0.894	4.94E-06	Erythrocyt	COX7C
7939 STX10.2	2.64E-10	-0.54571	0.063	0.263	4.96E-06	Erythrocyt	STX10
7940 CYC1.1	2.65E-10	-0.54284	0.121	0.332	4.97E-06	Erythrocyt	CYC1
7941 SNRPD1.2	2.65E-10	-0.55546	0.136	0.349	4.98E-06	Erythrocyt	SNRPD1
7942 PDIA6.3	2.81E-10	-0.61254	0.155	0.367	5.27E-06	Erythrocyt	PDIA6
7943 MORF4L1.3	2.85E-10	-0.45969	0.413	0.607	5.36E-06	Erythrocyt	MORF4L1
7944 TECR.3	3.11E-10	-0.56843	0.214	0.444	5.84E-06	Erythrocyt	TECR

7945	ZAP70.5	3.16E-10	-0.66998	0.16	0.375	5.93E-06	Erythrocyt	ZAP70
7946	SF3B1.1	3.16E-10	-0.5975	0.223	0.445	5.93E-06	Erythrocyt	SF3B1
7947	TMEM258	3.19E-10	-0.43841	0.393	0.637	5.99E-06	Erythrocyt	TMEM258
7948	CDC42SE1	3.19E-10	-0.6291	0.214	0.422	6.00E-06	Erythrocyt	CDC42SE1
7949	HLA-DPA1	3.33E-10	-1.12784	0.243	0.462	6.26E-06	Erythrocyt	HLA-DPA1
7950	NDUFV1.1	3.54E-10	-0.53371	0.141	0.359	6.65E-06	Erythrocyt	NDUFV1
7951	RBL2.4	3.69E-10	-0.55037	0.165	0.386	6.94E-06	Erythrocyt	RBL2
7952	LBH.4	4.13E-10	-0.66023	0.277	0.489	7.75E-06	Erythrocyt	LBH
7953	ARRB2.4	4.25E-10	-0.68512	0.209	0.411	7.98E-06	Erythrocyt	ARRB2
7954	SYF2	4.30E-10	-0.53384	0.218	0.439	8.08E-06	Erythrocyt	SYF2
7955	C19orf53	4.36E-10	-0.39486	0.379	0.63	8.18E-06	Erythrocyt	C19orf53
7956	TBCA	4.36E-10	-0.49428	0.34	0.578	8.18E-06	Erythrocyt	TBCA
7957	TMOD3.2	4.43E-10	-0.56071	0.058	0.247	8.33E-06	Erythrocyt	TMOD3
7958	UQCR10.2	4.46E-10	-0.36759	0.476	0.725	8.37E-06	Erythrocyt	UQCR10
7959	TMC6.1	4.50E-10	-0.55831	0.112	0.315	8.45E-06	Erythrocyt	TMC6
7960	JUNB.3	4.50E-10	-0.76762	0.33	0.573	8.46E-06	Erythrocyt	JUNB
7961	M6PR.1	4.55E-10	-0.51744	0.16	0.371	8.55E-06	Erythrocyt	M6PR
7962	CAST.2	4.58E-10	-0.67983	0.146	0.357	8.60E-06	Erythrocyt	CAST
7963	SAT1.2	4.58E-10	-1.35878	0.233	0.438	8.61E-06	Erythrocyt	SAT1
7964	PPP1R2.2	4.95E-10	-0.54538	0.194	0.422	9.31E-06	Erythrocyt	PPP1R2
7965	HIST1H4C.	5.00E-10	-0.63748	0.417	0.639	9.39E-06	Erythrocyt	HIST1H4C
7966	TRABD.2	5.13E-10	-0.53045	0.16	0.369	9.64E-06	Erythrocyt	TRABD
7967	BTG2.2	5.14E-10	-0.61875	0.087	0.285	9.66E-06	Erythrocyt	BTG2
7968	OSBPL8.2	5.22E-10	-0.56901	0.053	0.241	9.81E-06	Erythrocyt	OSBPL8
7969	DNAJC15.2	5.25E-10	-0.58207	0.131	0.338	9.87E-06	Erythrocyt	DNAJC15
7970	CD55.3	5.44E-10	-0.71387	0.218	0.418	1.02E-05	Erythrocyt	CD55
7971	IL32.5	5.59E-10	-0.95158	0.379	0.569	1.05E-05	Erythrocyt	IL32
7972	RCSD1.2	5.62E-10	-0.57114	0.194	0.432	1.05E-05	Erythrocyt	RCSD1
7973	ANAPC11.	5.72E-10	-0.53098	0.204	0.431	1.07E-05	Erythrocyt	ANAPC11
7974	ITGA4.1	5.77E-10	-0.6412	0.15	0.356	1.08E-05	Erythrocyt	ITGA4
7975	LTB.4	5.88E-10	-0.52748	0.607	0.81	1.10E-05	Erythrocyt	LTB
7976	R3HDM4	6.24E-10	0.53888	0.534	0.354	1.17E-05	Erythrocyt	R3HDM4
7977	SRSF7.2	6.28E-10	-0.54556	0.316	0.552	1.18E-05	Erythrocyt	SRSF7
7978	NFKBIA.3	6.37E-10	-0.72953	0.126	0.329	1.20E-05	Erythrocyt	NFKBIA
7979	GSTP1.4	6.72E-10	-0.79433	0.32	0.531	1.26E-05	Erythrocyt	GSTP1
7980	EIF5A.2	6.94E-10	-0.56668	0.316	0.531	1.30E-05	Erythrocyt	EIF5A
7981	C9orf16.3	6.94E-10	-0.43791	0.35	0.597	1.30E-05	Erythrocyt	C9orf16
7982	GLIPR2.3	7.10E-10	-0.61264	0.024	0.198	1.33E-05	Erythrocyt	GLIPR2
7983	HVCN1.5	7.62E-10	-0.85164	0.083	0.285	1.43E-05	Erythrocyt	HVCN1
7984	RPN1.1	7.65E-10	-0.50216	0.15	0.363	1.44E-05	Erythrocyt	RPN1
7985	MRPS21.1	8.27E-10	-0.4404	0.291	0.544	1.55E-05	Erythrocyt	MRPS21
7986	RBMX.3	9.19E-10	-0.60115	0.16	0.363	1.73E-05	Erythrocyt	RBMX
7987	YWHAQ.3	9.40E-10	-0.57825	0.199	0.412	1.77E-05	Erythrocyt	YWHAQ
7988	WASHC1.1	9.53E-10	-0.59598	0.155	0.352	1.79E-05	Erythrocyt	WASHC1
7989	PSMB6.2	9.54E-10	-0.49146	0.238	0.467	1.79E-05	Erythrocyt	PSMB6
7990	SELENOF.3	9.70E-10	-0.51329	0.238	0.459	1.82E-05	Erythrocyt	SELENOF
7991	CD164	9.73E-10	-0.55416	0.194	0.408	1.83E-05	Erythrocyt	CD164

7992	SMIM26.1	1.00E-09	-0.46029	0.214	0.456	1.88E-05	Erythrocyt	SMIM26
7993	EPB41.3	1.01E-09	0.534492	0.456	0.289	1.90E-05	Erythrocyt	EPB41
7994	LYN.4	1.05E-09	-0.77193	0.058	0.237	1.98E-05	Erythrocyt	LYN
7995	ACAP2.1	1.07E-09	-0.56028	0.17	0.387	2.00E-05	Erythrocyt	ACAP2
7996	CFLAR.3	1.09E-09	-0.607	0.078	0.266	2.05E-05	Erythrocyt	CFLAR
7997	SHKBP1.2	1.15E-09	-0.5457	0.146	0.354	2.17E-05	Erythrocyt	SHKBP1
7998	GABARAP..	1.19E-09	-0.60507	0.723	0.823	2.23E-05	Erythrocyt	GABARAP
7999	CD7.5	1.20E-09	-0.82419	0.398	0.576	2.26E-05	Erythrocyt	CD7
8000	RAB8A.1	1.23E-09	-0.52401	0.078	0.268	2.31E-05	Erythrocyt	RAB8A
8001	ABRACL.1	1.24E-09	-0.48397	0.32	0.556	2.32E-05	Erythrocyt	ABRACL
8002	SYTL1.3	1.26E-09	-0.51576	0.214	0.438	2.37E-05	Erythrocyt	SYTL1
8003	CCT3.1	1.29E-09	-0.53691	0.277	0.491	2.42E-05	Erythrocyt	CCT3
8004	TCIRG1.2	1.30E-09	-0.64378	0.073	0.255	2.44E-05	Erythrocyt	TCIRG1
8005	ALOX5AP.4	1.31E-09	-0.73545	0.155	0.362	2.46E-05	Erythrocyt	ALOX5AP
8006	POLD4.3	1.33E-09	-0.52134	0.325	0.55	2.49E-05	Erythrocyt	POLD4
8007	PSMA6.3	1.35E-09	-0.53737	0.194	0.402	2.54E-05	Erythrocyt	PSMA6
8008	LTA4H.3	1.37E-09	-0.64051	0.15	0.35	2.57E-05	Erythrocyt	LTA4H
8009	PPP1CC.2	1.40E-09	-0.45148	0.218	0.446	2.64E-05	Erythrocyt	PPP1CC
8010	ADRM1.1	1.42E-09	-0.54385	0.16	0.359	2.66E-05	Erythrocyt	ADRM1
8011	CD3E.4	1.43E-09	-0.68515	0.413	0.599	2.68E-05	Erythrocyt	CD3E
8012	MBNL1.2	1.49E-09	-0.54406	0.262	0.477	2.79E-05	Erythrocyt	MBNL1
8013	NOL7.1	1.51E-09	-0.50042	0.194	0.417	2.84E-05	Erythrocyt	NOL7
8014	NT5C.4	1.51E-09	-0.58857	0.17	0.378	2.84E-05	Erythrocyt	NT5C
8015	RABAC1.2	1.53E-09	-0.51245	0.248	0.471	2.87E-05	Erythrocyt	RABAC1
8016	UQCRFS1.1	1.55E-09	-0.49914	0.262	0.479	2.91E-05	Erythrocyt	UQCRFS1
8017	XRN2	1.59E-09	-0.49994	0.15	0.363	2.98E-05	Erythrocyt	XRN2
8018	UQCRC2.1	1.60E-09	-0.52495	0.146	0.353	3.00E-05	Erythrocyt	UQCRC2
8019	BUB3.1	1.63E-09	-0.48451	0.223	0.448	3.05E-05	Erythrocyt	BUB3
8020	MRPL52.2	1.67E-09	-0.51881	0.204	0.411	3.14E-05	Erythrocyt	MRPL52
8021	DGUOK.1	1.69E-09	-0.5084	0.199	0.412	3.17E-05	Erythrocyt	DGUOK
8022	KIAA1551..	1.77E-09	-0.5897	0.087	0.278	3.33E-05	Erythrocyt	KIAA1551
8023	IMP3.1	1.90E-09	-0.41687	0.252	0.478	3.56E-05	Erythrocyt	IMP3
8024	RBM8A	1.97E-09	-0.40013	0.223	0.451	3.71E-05	Erythrocyt	RBM8A
8025	PDCD5.2	1.98E-09	-0.54349	0.146	0.348	3.71E-05	Erythrocyt	PDCD5
8026	STK17B.2	1.99E-09	-0.50473	0.16	0.38	3.73E-05	Erythrocyt	STK17B
8027	RPL31.3	2.03E-09	-0.35781	0.646	0.878	3.81E-05	Erythrocyt	RPL31
8028	RAB2A.1	2.04E-09	-0.54074	0.126	0.325	3.83E-05	Erythrocyt	RAB2A
8029	CD48.3	2.05E-09	-0.54057	0.199	0.416	3.85E-05	Erythrocyt	CD48
8030	C1orf162.3	2.22E-09	-0.70161	0.18	0.368	4.17E-05	Erythrocyt	C1orf162
8031	ERH.1	2.27E-09	-0.43363	0.306	0.54	4.27E-05	Erythrocyt	ERH
8032	TESC.2	2.30E-09	0.465995	0.209	0.091	4.32E-05	Erythrocyt	TESC
8033	NDUFA1.3	2.34E-09	-0.42792	0.403	0.623	4.40E-05	Erythrocyt	NDUFA1
8034	TIMM17B.	2.39E-09	-0.50357	0.092	0.284	4.48E-05	Erythrocyt	TIMM17B
8035	PPP4C.1	2.43E-09	-0.46754	0.194	0.424	4.56E-05	Erythrocyt	PPP4C
8036	CNOT7.2	2.44E-09	-0.53025	0.165	0.364	4.59E-05	Erythrocyt	CNOT7
8037	NOP10.1	2.54E-09	-0.44255	0.316	0.539	4.77E-05	Erythrocyt	NOP10
8038	LCK.4	2.64E-09	-0.60982	0.34	0.559	4.95E-05	Erythrocyt	LCK

8039	CDK2AP2.2	2.71E-09	-0.60143	0.126	0.323	5.10E-05	Erythrocyt	CDK2AP2
8040	MYO1F.4	2.74E-09	-0.67294	0.015	0.171	5.14E-05	Erythrocyt	MYO1F
8041	SELENOT.1	2.74E-09	-0.54427	0.17	0.373	5.14E-05	Erythrocyt	SELENOT
8042	ATP6V0D1	2.75E-09	-0.55759	0.126	0.321	5.17E-05	Erythrocyt	ATP6V0D1
8043	EIF3M.1	2.79E-09	-0.47105	0.301	0.529	5.23E-05	Erythrocyt	EIF3M
8044	CD46.1	2.79E-09	-0.562	0.083	0.265	5.24E-05	Erythrocyt	CD46
8045	MTMR14.2	2.83E-09	-0.50609	0.058	0.236	5.31E-05	Erythrocyt	MTMR14
8046	NEAT1.3	2.90E-09	-1.02398	0.131	0.326	5.45E-05	Erythrocyt	NEAT1
8047	SNX2.2	2.99E-09	-0.57907	0.214	0.424	5.62E-05	Erythrocyt	SNX2
8048	SPCS2.2	3.00E-09	-0.55277	0.214	0.42	5.64E-05	Erythrocyt	SPCS2
8049	BSG.2	3.07E-09	1.014578	0.539	0.436	5.77E-05	Erythrocyt	BSG
8050	MTDH.2	3.11E-09	-0.47552	0.218	0.437	5.85E-05	Erythrocyt	MTDH
8051	KRTCAP2.1	3.13E-09	-0.46287	0.374	0.602	5.87E-05	Erythrocyt	KRTCAP2
8052	KRAS.1	3.13E-09	-0.48246	0.083	0.272	5.89E-05	Erythrocyt	KRAS
8053	CANX.3	3.15E-09	-0.5772	0.112	0.299	5.92E-05	Erythrocyt	CANX
8054	BST2.3	3.26E-09	-0.48066	0.218	0.44	6.13E-05	Erythrocyt	BST2
8055	AKAP13.2	3.27E-09	-0.57226	0.112	0.3	6.13E-05	Erythrocyt	AKAP13
8056	ZFAS1.2	3.27E-09	-0.45356	0.33	0.585	6.14E-05	Erythrocyt	ZFAS1
8057	NOSIP.5	3.34E-09	-0.46931	0.388	0.635	6.28E-05	Erythrocyt	NOSIP
8058	VCP.2	3.35E-09	-0.50106	0.194	0.405	6.29E-05	Erythrocyt	VCP
8059	SSB.2	3.39E-09	-0.50082	0.199	0.405	6.36E-05	Erythrocyt	SSB
8060	COPZ1.1	3.43E-09	-0.571	0.131	0.319	6.44E-05	Erythrocyt	COPZ1
8061	SMDT1.3	3.43E-09	-0.40371	0.432	0.682	6.44E-05	Erythrocyt	SMDT1
8062	TBCB.1	3.43E-09	-0.56917	0.228	0.427	6.45E-05	Erythrocyt	TBCB
8063	COPS9.2	3.46E-09	-0.47884	0.175	0.388	6.50E-05	Erythrocyt	COPS9
8064	LUC7L3.2	3.58E-09	-0.47057	0.189	0.401	6.72E-05	Erythrocyt	LUC7L3
8065	YWHAE.3	3.61E-09	-0.52454	0.083	0.264	6.77E-05	Erythrocyt	YWHAE
8066	GIMAP4.4	3.73E-09	-0.53844	0.335	0.57	7.00E-05	Erythrocyt	GIMAP4
8067	DECR1	3.77E-09	-0.52306	0.131	0.331	7.09E-05	Erythrocyt	DECR1
8068	TMEM230.	3.82E-09	-0.48593	0.194	0.399	7.17E-05	Erythrocyt	TMEM230
8069	PLP2.2	3.96E-09	-0.6453	0.18	0.373	7.44E-05	Erythrocyt	PLP2
8070	TSTD1.3	4.01E-09	-0.56511	0.311	0.524	7.53E-05	Erythrocyt	TSTD1
8071	RBBP4.2	4.18E-09	-0.47785	0.146	0.342	7.85E-05	Erythrocyt	RBBP4
8072	WIPF1.3	4.20E-09	-0.50553	0.107	0.299	7.90E-05	Erythrocyt	WIPF1
8073	CSK.4	4.26E-09	-0.51158	0.282	0.502	8.01E-05	Erythrocyt	CSK
8074	ATP5MF.3	4.30E-09	-0.34901	0.422	0.637	8.09E-05	Erythrocyt	ATP5MF
8075	PARP1.4	4.31E-09	-0.5899	0.155	0.347	8.11E-05	Erythrocyt	PARP1
8076	PRPF40A	4.32E-09	-0.50933	0.112	0.298	8.11E-05	Erythrocyt	PRPF40A
8077	CD247.5	4.44E-09	-0.7925	0.189	0.385	8.35E-05	Erythrocyt	CD247
8078	SCAMP2	4.46E-09	-0.50561	0.141	0.342	8.38E-05	Erythrocyt	SCAMP2
8079	RPL34.4	4.49E-09	-0.39101	0.757	0.996	8.44E-05	Erythrocyt	RPL34
8080	EIF2AK1	4.55E-09	0.484716	0.301	0.16	8.55E-05	Erythrocyt	EIF2AK1
8081	SNU13.2	4.57E-09	-0.4612	0.311	0.554	8.58E-05	Erythrocyt	SNU13
8082	PDCD4.2	4.61E-09	-0.55048	0.189	0.397	8.66E-05	Erythrocyt	PDCD4
8083	RNF181.1	4.67E-09	-0.51975	0.155	0.354	8.77E-05	Erythrocyt	RNF181
8084	PSMB1.1	4.80E-09	-0.43323	0.306	0.559	9.02E-05	Erythrocyt	PSMB1
8085	PSMC5	4.99E-09	-0.53102	0.233	0.436	9.37E-05	Erythrocyt	PSMC5

8086	FLI1.1	5.08E-09	-0.52677	0.092	0.279	9.53E-05	Erythrocyt	FLI1
8087	TMEM219	5.09E-09	-0.53072	0.194	0.398	9.56E-05	Erythrocyt	TMEM219
8088	PRDX1.3	5.13E-09	-0.5401	0.335	0.539	9.63E-05	Erythrocyt	PRDX1
8089	PRKAR1A.2	5.13E-09	-0.56041	0.126	0.318	9.64E-05	Erythrocyt	PRKAR1A
8090	ADH5.1	5.14E-09	-0.53779	0.155	0.343	9.65E-05	Erythrocyt	ADH5
8091	LENG8.1	5.34E-09	-0.5218	0.039	0.205	0.0001	Erythrocyt	LENG8
8092	SYK.3	5.39E-09	-0.6213	0.024	0.181	0.000101	Erythrocyt	SYK
8093	IL16.3	5.39E-09	-0.41385	0.311	0.533	0.000101	Erythrocyt	IL16
8094	RBM25	5.45E-09	-0.53751	0.141	0.334	0.000102	Erythrocyt	RBM25
8095	LAT.4	5.56E-09	-0.68178	0.233	0.425	0.000104	Erythrocyt	LAT
8096	RNF7.1	5.57E-09	-0.47827	0.199	0.41	0.000105	Erythrocyt	RNF7
8097	MEA1	5.62E-09	-0.50084	0.126	0.318	0.000106	Erythrocyt	MEA1
8098	ZNF706.1	5.63E-09	-0.49628	0.301	0.511	0.000106	Erythrocyt	ZNF706
8099	TMEM123	5.82E-09	-0.54149	0.257	0.462	0.000109	Erythrocyt	TMEM123
8100	LAMTOR1	5.87E-09	-0.54483	0.248	0.447	0.00011	Erythrocyt	LAMTOR1
8101	RNF167.3	6.00E-09	-0.51275	0.16	0.358	0.000113	Erythrocyt	RNF167
8102	TYROBP.3	6.00E-09	-1.85048	0.044	0.204	0.000113	Erythrocyt	TYROBP
8103	SUN2.3	6.10E-09	-0.58441	0.107	0.287	0.000115	Erythrocyt	SUN2
8104	HM13.3	6.22E-09	-0.53985	0.126	0.316	0.000117	Erythrocyt	HM13
8105	UBXN4.1	6.34E-09	-0.51422	0.218	0.42	0.000119	Erythrocyt	UBXN4
8106	HNRNPH3	6.43E-09	-0.53042	0.189	0.392	0.000121	Erythrocyt	HNRNPH3
8107	TMEM160	6.47E-09	-0.47579	0.146	0.343	0.000122	Erythrocyt	TMEM160
8108	NPTN.2	6.58E-09	-0.52476	0.039	0.201	0.000124	Erythrocyt	NPTN
8109	NDUFB5.1	6.66E-09	-0.46372	0.15	0.353	0.000125	Erythrocyt	NDUFB5
8110	CAPN2.4	6.67E-09	-0.54812	0.039	0.201	0.000125	Erythrocyt	CAPN2
8111	MINOS1.2	6.81E-09	-0.44355	0.184	0.39	0.000128	Erythrocyt	MINOS1
8112	VAMP5.3	6.91E-09	-0.5845	0.107	0.298	0.00013	Erythrocyt	VAMP5
8113	MCL1.3	6.94E-09	-0.56438	0.155	0.354	0.00013	Erythrocyt	MCL1
8114	MDH1.1	6.96E-09	-0.49168	0.218	0.411	0.000131	Erythrocyt	MDH1
8115	RPL37A.2	7.12E-09	-0.38483	0.587	0.838	0.000134	Erythrocyt	RPL37A
8116	MPG.2	7.16E-09	-0.4781	0.102	0.292	0.000135	Erythrocyt	MPG
8117	CCT2.2	7.21E-09	-0.49023	0.189	0.392	0.000135	Erythrocyt	CCT2
8118	GIMAP7.4	7.49E-09	-0.58547	0.417	0.627	0.000141	Erythrocyt	GIMAP7
8119	TPT1.4	7.52E-09	-0.2553	0.956	0.995	0.000141	Erythrocyt	TPT1
8120	ATP5MC1	7.77E-09	-0.47579	0.214	0.42	0.000146	Erythrocyt	ATP5MC1
8121	REEP5.5	7.89E-09	-0.55442	0.136	0.328	0.000148	Erythrocyt	REEP5
8122	POLR2E	8.16E-09	-0.49218	0.16	0.359	0.000153	Erythrocyt	POLR2E
8123	ITGB7.5	8.22E-09	-0.60389	0.078	0.25	0.000154	Erythrocyt	ITGB7
8124	RASSF5.3	9.11E-09	-0.54383	0.121	0.307	0.000171	Erythrocyt	RASSF5
8125	AIP	9.57E-09	-0.50255	0.209	0.413	0.00018	Erythrocyt	AIP
8126	MMADHC	9.67E-09	-0.51681	0.146	0.334	0.000182	Erythrocyt	MMADHC
8127	CASP4.1	9.72E-09	-0.4595	0.107	0.293	0.000183	Erythrocyt	CASP4
8128	TGFB1.4	9.76E-09	-0.57928	0.107	0.287	0.000183	Erythrocyt	TGFB1
8129	NDUFV2.1	1.01E-08	-0.43645	0.262	0.476	0.00019	Erythrocyt	NDUFV2
8130	RAB24.2	1.01E-08	-0.52539	0.087	0.271	0.00019	Erythrocyt	RAB24
8131	FNBP1.1	1.02E-08	-0.55578	0.087	0.26	0.000192	Erythrocyt	FNBP1
8132	HLA-DPB1	1.03E-08	-0.99317	0.262	0.455	0.000194	Erythrocyt	HLA-DPB1

8133	UQCRC1.2	1.04E-08	-0.45693	0.131	0.327	0.000195	Erythrocyt	UQCRC1
8134	ATP5MPL.	1.08E-08	-0.42667	0.311	0.536	0.000203	Erythrocyt	ATP5MPL
8135	UBE2J1.3	1.09E-08	-0.63244	0.083	0.257	0.000205	Erythrocyt	UBE2J1
8136	APOBEC3G	1.10E-08	-0.60001	0.053	0.221	0.000206	Erythrocyt	APOBEC3G
8137	BIN1.3	1.10E-08	-0.51879	0.267	0.472	0.000207	Erythrocyt	BIN1
8138	ILK.3	1.12E-08	-0.51116	0.083	0.26	0.000211	Erythrocyt	ILK
8139	WDR83OS.	1.14E-08	-0.41038	0.379	0.6	0.000213	Erythrocyt	WDR83OS
8140	IFI27L2.3	1.15E-08	-0.50637	0.053	0.219	0.000215	Erythrocyt	IFI27L2
8141	MRPL51.1	1.15E-08	-0.38621	0.155	0.369	0.000216	Erythrocyt	MRPL51
8142	LYPLA1	1.19E-08	-0.53264	0.117	0.297	0.000224	Erythrocyt	LYPLA1
8143	MED4.1	1.20E-08	-0.50045	0.078	0.25	0.000226	Erythrocyt	MED4
8144	RASGRP2.4	1.23E-08	-0.49841	0.32	0.526	0.000231	Erythrocyt	RASGRP2
8145	POMP.3	1.28E-08	-0.48796	0.257	0.464	0.00024	Erythrocyt	POMP
8146	RSL1D1.3	1.30E-08	-0.43666	0.33	0.556	0.000243	Erythrocyt	RSL1D1
8147	PRKCB.4	1.30E-08	-0.49825	0.034	0.193	0.000245	Erythrocyt	PRKCB
8148	SF3A1.2	1.32E-08	-0.49818	0.112	0.297	0.000247	Erythrocyt	SF3A1
8149	UBE3A	1.32E-08	-0.49275	0.049	0.212	0.000248	Erythrocyt	UBE3A
8150	KIF2A.3	1.34E-08	-0.5126	0.126	0.311	0.000251	Erythrocyt	KIF2A
8151	H2AFY.2	1.36E-08	-0.56369	0.146	0.326	0.000255	Erythrocyt	H2AFY
8152	MFSD10.1	1.37E-08	-0.52491	0.107	0.285	0.000257	Erythrocyt	MFSD10
8153	SSR3.3	1.39E-08	-0.60189	0.112	0.284	0.000262	Erythrocyt	SSR3
8154	MESD.1	1.40E-08	-0.48349	0.068	0.241	0.000262	Erythrocyt	MESD
8155	SERF2.3	1.42E-08	-0.27852	0.981	0.987	0.000267	Erythrocyt	SERF2
8156	DOK2.5	1.49E-08	-0.58828	0.058	0.222	0.00028	Erythrocyt	DOK2
8157	RPL17.3	1.50E-08	-0.34204	0.456	0.714	0.000282	Erythrocyt	RPL17
8158	TYMP.4	1.51E-08	-1.04035	0.053	0.213	0.000284	Erythrocyt	TYMP
8159	SLC38A1.2	1.55E-08	-0.51015	0.112	0.296	0.00029	Erythrocyt	SLC38A1
8160	FAM32A.1	1.59E-08	-0.3761	0.112	0.301	0.000299	Erythrocyt	FAM32A
8161	PPIG.1	1.60E-08	-0.51244	0.189	0.381	0.000301	Erythrocyt	PPIG
8162	RRP7A	1.60E-08	-0.4623	0.058	0.226	0.000301	Erythrocyt	RRP7A
8163	EIF4H	1.60E-08	-0.50362	0.18	0.374	0.000301	Erythrocyt	EIF4H
8164	RPL21.2	1.61E-08	-0.31467	0.888	0.969	0.000303	Erythrocyt	RPL21
8165	GTF2A2	1.63E-08	-0.50139	0.18	0.368	0.000306	Erythrocyt	GTF2A2
8166	NDUF55.3	1.64E-08	-0.37323	0.335	0.55	0.000308	Erythrocyt	NDUF55
8167	PSMF1	1.67E-08	0.520812	0.49	0.338	0.000313	Erythrocyt	PSMF1
8168	WASHC4.3	1.67E-08	-0.51005	0.039	0.2	0.000314	Erythrocyt	WASHC4
8169	KIF5B	1.68E-08	-0.50632	0.087	0.263	0.000316	Erythrocyt	KIF5B
8170	DCXR.2	1.72E-08	-0.4827	0.214	0.418	0.000324	Erythrocyt	DCXR
8171	PLAC8.2	1.76E-08	-0.52804	0.311	0.513	0.00033	Erythrocyt	PLAC8
8172	DCTN3.2	1.77E-08	-0.4569	0.17	0.367	0.000332	Erythrocyt	DCTN3
8173	GNG2.3	1.79E-08	-0.56008	0.092	0.266	0.000337	Erythrocyt	GNG2
8174	LPXN.2	1.81E-08	-0.50112	0.053	0.213	0.00034	Erythrocyt	LPXN
8175	CNDP2	1.81E-08	-0.48269	0.049	0.209	0.000341	Erythrocyt	CNDP2
8176	OS9.2	1.83E-08	-0.49147	0.078	0.247	0.000344	Erythrocyt	OS9
8177	RAB14.1	1.84E-08	-0.49394	0.102	0.279	0.000346	Erythrocyt	RAB14
8178	LST1.5	1.88E-08	-1.26299	0.024	0.17	0.000354	Erythrocyt	LST1
8179	C19orf66.2	1.93E-08	-0.49632	0.126	0.313	0.000363	Erythrocyt	C19orf66

8180	NDUFA11.1	1.95E-08	-0.48764	0.252	0.461	0.000365	Erythrocyt	NDUFA11
8181	RAB7A.1	1.96E-08	-0.46831	0.228	0.434	0.000369	Erythrocyt	RAB7A
8182	SRSF1.2	2.00E-08	-0.46065	0.112	0.294	0.000376	Erythrocyt	SRSF1
8183	HMOX2.3	2.02E-08	-0.49527	0.194	0.396	0.00038	Erythrocyt	HMOX2
8184	IFITM1.4	2.05E-08	-0.47097	0.592	0.804	0.000384	Erythrocyt	IFITM1
8185	PAIP2.1	2.11E-08	-0.35761	0.335	0.559	0.000397	Erythrocyt	PAIP2
8186	LAIR1.2	2.12E-08	-0.55907	0.053	0.214	0.000398	Erythrocyt	LAIR1
8187	CAPG.4	2.15E-08	-0.70435	0.053	0.212	0.000404	Erythrocyt	CAPG
8188	CCDC12.2	2.16E-08	-0.47067	0.107	0.292	0.000407	Erythrocyt	CCDC12
8189	CUTA.2	2.22E-08	-0.36402	0.354	0.592	0.000417	Erythrocyt	CUTA
8190	SCP2.2	2.24E-08	-0.44919	0.141	0.337	0.00042	Erythrocyt	SCP2
8191	EIF4A2.2	2.25E-08	-0.46355	0.311	0.534	0.000422	Erythrocyt	EIF4A2
8192	RWDD1.1	2.29E-08	-0.48289	0.204	0.397	0.00043	Erythrocyt	RWDD1
8193	HADHA.2	2.30E-08	-0.48162	0.228	0.428	0.000432	Erythrocyt	HADHA
8194	SH3KBP1.2	2.30E-08	-0.52075	0.107	0.281	0.000432	Erythrocyt	SH3KBP1
8195	PTP4A2.2	2.40E-08	-0.53363	0.126	0.312	0.000451	Erythrocyt	PTP4A2
8196	PDCD6	2.41E-08	-0.41456	0.286	0.494	0.000453	Erythrocyt	PDCD6
8197	SEC31A	2.50E-08	-0.47229	0.044	0.201	0.00047	Erythrocyt	SEC31A
8198	MOB1A.1	2.50E-08	-0.43646	0.136	0.324	0.00047	Erythrocyt	MOB1A
8199	HP1BP3	2.56E-08	-0.46376	0.223	0.428	0.000481	Erythrocyt	HP1BP3
8200	MYDGF.2	2.64E-08	-0.61101	0.131	0.298	0.000496	Erythrocyt	MYDGF
8201	GLRX3	2.65E-08	-0.46258	0.044	0.199	0.000497	Erythrocyt	GLRX3
8202	SP100.4	2.67E-08	-0.52432	0.282	0.474	0.000501	Erythrocyt	SP100
8203	GABARAPL	2.72E-08	0.595669	0.636	0.535	0.00051	Erythrocyt	GABARAPL2
8204	ALOX5.4	2.75E-08	-0.62334	0.029	0.178	0.000516	Erythrocyt	ALOX5
8205	ATP1A1.2	2.81E-08	-0.48702	0.107	0.285	0.000527	Erythrocyt	ATP1A1
8206	IRF2.1	2.82E-08	-0.51706	0.121	0.299	0.000529	Erythrocyt	IRF2
8207	ARHGAP17	2.85E-08	-0.52315	0.024	0.169	0.000535	Erythrocyt	ARHGAP17
8208	TUFM.2	2.88E-08	-0.44611	0.282	0.489	0.000541	Erythrocyt	TUFM
8209	ARHGAP3C	2.91E-08	-0.49583	0.136	0.314	0.000546	Erythrocyt	ARHGAP30
8210	VPS29.1	2.97E-08	-0.47652	0.15	0.345	0.000557	Erythrocyt	VPS29
8211	UBE2N.1	3.02E-08	-0.44547	0.194	0.403	0.000567	Erythrocyt	UBE2N
8212	TSC22D4.1	3.12E-08	-0.46142	0.146	0.336	0.000587	Erythrocyt	TSC22D4
8213	PSMB2.2	3.18E-08	-0.50186	0.15	0.332	0.000597	Erythrocyt	PSMB2
8214	GRSF1.1	3.19E-08	-0.45116	0.131	0.314	0.0006	Erythrocyt	GRSF1
8215	MRPS34.1	3.22E-08	-0.38439	0.209	0.42	0.000604	Erythrocyt	MRPS34
8216	CAPZA2.3	3.26E-08	-0.47882	0.155	0.349	0.000612	Erythrocyt	CAPZA2
8217	DCTN2.1	3.35E-08	-0.41849	0.087	0.262	0.000629	Erythrocyt	DCTN2
8218	POLR3GL.3	3.39E-08	-0.44956	0.097	0.276	0.000637	Erythrocyt	POLR3GL
8219	SSRP1.1	3.42E-08	-0.46251	0.058	0.216	0.000642	Erythrocyt	SSRP1
8220	MDH2.2	3.46E-08	-0.44571	0.252	0.458	0.00065	Erythrocyt	MDH2
8221	PHB.2	3.46E-08	-0.43915	0.17	0.361	0.00065	Erythrocyt	PHB
8222	ANP32A.1	3.55E-08	-0.48239	0.286	0.472	0.000667	Erythrocyt	ANP32A
8223	SUPT4H1.3	3.62E-08	-0.52885	0.15	0.334	0.000681	Erythrocyt	SUPT4H1
8224	TMED9.3	3.62E-08	-0.50068	0.146	0.33	0.000681	Erythrocyt	TMED9
8225	CARD16.3	3.64E-08	-0.50552	0.199	0.392	0.000684	Erythrocyt	CARD16
8226	PYURF.3	3.65E-08	-0.44119	0.228	0.432	0.000686	Erythrocyt	PYURF

8227	WSB1.1	3.70E-08	-0.39996	0.141	0.331	0.000695	Erythrocyt	WSB1
8228	HERPUD1.	3.70E-08	-0.5917	0.165	0.355	0.000696	Erythrocyt	HERPUD1
8229	FBXL5.1	3.73E-08	-0.52343	0.083	0.248	0.0007	Erythrocyt	FBXL5
8230	AATF	3.73E-08	-0.44789	0.073	0.238	0.0007	Erythrocyt	AATF
8231	SNRPB2.1	3.76E-08	-0.50402	0.17	0.35	0.000707	Erythrocyt	SNRPB2
8232	NUDCD2.1	3.78E-08	-0.43815	0.092	0.265	0.000709	Erythrocyt	NUDCD2
8233	SEC11A.2	3.84E-08	-0.44739	0.233	0.432	0.000722	Erythrocyt	SEC11A
8234	NPL.1	3.87E-08	0.25703	0.117	0.041	0.000727	Erythrocyt	NPL
8235	PTBP1	3.89E-08	-0.45083	0.058	0.219	0.00073	Erythrocyt	PTBP1
8236	SPOCK2.4	3.90E-08	-0.60849	0.155	0.328	0.000733	Erythrocyt	SPOCK2
8237	RNASEH2C	3.90E-08	-0.5036	0.16	0.348	0.000734	Erythrocyt	RNASEH2C
8238	THRAP3.3	3.91E-08	-0.45438	0.223	0.426	0.000735	Erythrocyt	THRAP3
8239	PSMA1.1	3.95E-08	-0.53797	0.136	0.307	0.000742	Erythrocyt	PSMA1
8240	FAM96B	3.96E-08	-0.45318	0.233	0.444	0.000744	Erythrocyt	FAM96B
8241	SSNA1	3.96E-08	-0.45754	0.165	0.356	0.000744	Erythrocyt	SSNA1
8242	SKAP1.5	4.01E-08	-0.5714	0.18	0.364	0.000753	Erythrocyt	SKAP1
8243	MRPS6.1	4.13E-08	-0.4167	0.165	0.37	0.000776	Erythrocyt	MRPS6
8244	SEC13.1	4.16E-08	-0.46873	0.112	0.289	0.000782	Erythrocyt	SEC13
8245	GYG1.3	4.19E-08	-0.49951	0.024	0.167	0.000788	Erythrocyt	GYG1
8246	ACAA1.2	4.30E-08	-0.48043	0.112	0.286	0.000808	Erythrocyt	ACAA1
8247	REL.4	4.32E-08	-0.56648	0.073	0.233	0.000812	Erythrocyt	REL
8248	SRSF10.1	4.33E-08	-0.47038	0.18	0.364	0.000813	Erythrocyt	SRSF10
8249	HLA-DRB1.	4.37E-08	-0.87823	0.238	0.434	0.00082	Erythrocyt	HLA-DRB1
8250	MPHOSPH	4.41E-08	-0.47148	0.199	0.384	0.000829	Erythrocyt	MPHOSPH8
8251	IL10RA.4	4.47E-08	-0.55636	0.092	0.259	0.000841	Erythrocyt	IL10RA
8252	C1QBP.2	4.58E-08	-0.41684	0.354	0.564	0.00086	Erythrocyt	C1QBP
8253	SCAND1.1	4.62E-08	-0.45457	0.248	0.455	0.000868	Erythrocyt	SCAND1
8254	CCR7.5	4.63E-08	-0.59814	0.335	0.54	0.00087	Erythrocyt	CCR7
8255	TGOLN2.2	4.68E-08	-0.47287	0.083	0.249	0.000878	Erythrocyt	TGOLN2
8256	LSM3.1	4.69E-08	-0.38475	0.141	0.326	0.000881	Erythrocyt	LSM3
8257	CD63.4	4.70E-08	-0.75408	0.078	0.231	0.000882	Erythrocyt	CD63
8258	BUD23.2	4.78E-08	-0.48428	0.078	0.242	0.000899	Erythrocyt	BUD23
8259	PIH1D1	4.79E-08	-0.4654	0.097	0.268	0.000899	Erythrocyt	PIH1D1
8260	CCNL1.1	4.90E-08	-0.50942	0.121	0.299	0.000921	Erythrocyt	CCNL1
8261	CPNE3.1	4.92E-08	-0.45881	0.068	0.229	0.000925	Erythrocyt	CPNE3
8262	TINF2.2	4.93E-08	-0.47032	0.097	0.267	0.000926	Erythrocyt	TINF2
8263	PPCS.1	5.29E-08	-0.36978	0.131	0.322	0.000994	Erythrocyt	PPCS
8264	SCNM1.1	5.44E-08	-0.41232	0.063	0.225	0.001022	Erythrocyt	SCNM1
8265	ANAPC5.1	5.53E-08	-0.46703	0.146	0.333	0.001038	Erythrocyt	ANAPC5
8266	AP3S1	5.57E-08	-0.44391	0.083	0.249	0.001047	Erythrocyt	AP3S1
8267	PSMD6	5.63E-08	-0.48907	0.136	0.307	0.001057	Erythrocyt	PSMD6
8268	NUDC	5.72E-08	-0.41816	0.146	0.329	0.001074	Erythrocyt	NUDC
8269	IKZF1.1	5.73E-08	-0.50819	0.18	0.364	0.001077	Erythrocyt	IKZF1
8270	NUDT22	5.83E-08	-0.4611	0.078	0.237	0.001096	Erythrocyt	NUDT22
8271	CTSW.5	5.86E-08	-1.43267	0.097	0.254	0.001102	Erythrocyt	CTSW
8272	NEDD8.1	6.01E-08	-0.37404	0.277	0.497	0.001128	Erythrocyt	NEDD8
8273	BLOC1S2.2	6.12E-08	-0.48889	0.117	0.288	0.00115	Erythrocyt	BLOC1S2

8274	C12orf57.4	6.19E-08	-0.35679	0.51	0.758	0.001162	Erythrocyt	C12orf57
8275	SF3B6.1	6.28E-08	-0.42111	0.252	0.449	0.00118	Erythrocyt	SF3B6
8276	ECHDC1.1	6.32E-08	-0.46561	0.073	0.235	0.001187	Erythrocyt	ECHDC1
8277	HIF1A.2	6.40E-08	-0.5504	0.087	0.243	0.001203	Erythrocyt	HIF1A
8278	SMARCE1.	6.49E-08	-0.46929	0.083	0.246	0.001219	Erythrocyt	SMARCE1
8279	PSMD9	6.55E-08	-0.44565	0.087	0.252	0.00123	Erythrocyt	PSMD9
8280	UBE2A	6.59E-08	-0.44785	0.068	0.223	0.001238	Erythrocyt	UBE2A
8281	POU2F2.4	6.62E-08	-0.61737	0.078	0.236	0.001244	Erythrocyt	POU2F2
8282	CCT6A	6.73E-08	-0.41496	0.165	0.353	0.001265	Erythrocyt	CCT6A
8283	MED10.2	6.78E-08	-0.41203	0.175	0.365	0.001274	Erythrocyt	MED10
8284	TMEM134.	6.84E-08	-0.44368	0.078	0.241	0.001286	Erythrocyt	TMEM134
8285	RPL36.4	6.94E-08	-0.35651	0.728	0.991	0.001304	Erythrocyt	RPL36
8286	ZC3H15	7.03E-08	-0.3757	0.194	0.386	0.001321	Erythrocyt	ZC3H15
8287	MPV17	7.05E-08	-0.38901	0.034	0.183	0.001324	Erythrocyt	MPV17
8288	TLN1.3	7.08E-08	-0.54672	0.078	0.241	0.00133	Erythrocyt	TLN1
8289	THOC3.1	7.10E-08	-0.47823	0.097	0.264	0.001333	Erythrocyt	THOC3
8290	U2SURP	7.30E-08	-0.44911	0.141	0.319	0.001371	Erythrocyt	U2SURP
8291	NONO.1	7.32E-08	-0.52026	0.146	0.312	0.001376	Erythrocyt	NONO
8292	SLC44A2.3	7.34E-08	-0.51594	0.16	0.336	0.001378	Erythrocyt	SLC44A2
8293	AGTRAP.3	7.39E-08	-0.63341	0.073	0.229	0.001389	Erythrocyt	AGTRAP
8294	EMD.1	7.68E-08	-0.41767	0.204	0.397	0.001443	Erythrocyt	EMD
8295	KDELRL1.2	7.88E-08	-0.44293	0.146	0.324	0.00148	Erythrocyt	KDELRL1
8296	PSMD7	7.90E-08	-0.47234	0.126	0.297	0.001484	Erythrocyt	PSMD7
8297	RGS14.1	7.92E-08	-0.38587	0.102	0.283	0.001488	Erythrocyt	RGS14
8298	FBXW5.1	7.96E-08	-0.38531	0.078	0.245	0.001496	Erythrocyt	FBXW5
8299	PSMA3.1	7.96E-08	-0.49901	0.121	0.287	0.001496	Erythrocyt	PSMA3
8300	ELOC.1	8.01E-08	-0.46423	0.16	0.341	0.001505	Erythrocyt	ELOC
8301	RAB5IF.2	8.24E-08	-0.49039	0.121	0.292	0.001548	Erythrocyt	RAB5IF
8302	ARIH2.1	8.30E-08	-0.49688	0.083	0.241	0.001559	Erythrocyt	ARIH2
8303	SMCHD1.1	8.35E-08	-0.43843	0.194	0.394	0.001569	Erythrocyt	SMCHD1
8304	SNRPN.2	8.39E-08	-0.4507	0.17	0.346	0.001577	Erythrocyt	SNRPN
8305	RPS27.4	8.44E-08	-0.34161	0.791	0.995	0.001586	Erythrocyt	RPS27
8306	SMARCA5	8.58E-08	-0.41073	0.044	0.196	0.001611	Erythrocyt	SMARCA5
8307	CMTM6.1	8.62E-08	-0.48733	0.146	0.326	0.001619	Erythrocyt	CMTM6
8308	STAT3.1	8.62E-08	-0.48322	0.121	0.289	0.00162	Erythrocyt	STAT3
8309	PSMG2	8.69E-08	-0.46167	0.184	0.365	0.001633	Erythrocyt	PSMG2
8310	CYTIP.3	8.70E-08	-0.38231	0.296	0.504	0.001635	Erythrocyt	CYTIP
8311	GPI	8.72E-08	-0.41778	0.194	0.382	0.001638	Erythrocyt	GPI
8312	SF3A2.1	9.17E-08	-0.48807	0.141	0.312	0.001722	Erythrocyt	SF3A2
8313	EAPP.1	9.19E-08	-0.41302	0.121	0.301	0.001727	Erythrocyt	EAPP
8314	RASA3.4	9.22E-08	-0.4765	0.053	0.204	0.001732	Erythrocyt	RASA3
8315	LAMTOR5.	9.25E-08	-0.43692	0.214	0.396	0.001737	Erythrocyt	LAMTOR5
8316	UQCRB.2	9.28E-08	-0.29683	0.563	0.768	0.001743	Erythrocyt	UQCRB
8317	GLIPR1.3	9.37E-08	-0.58162	0.078	0.231	0.001761	Erythrocyt	GLIPR1
8318	RPS21.4	9.41E-08	-0.33826	0.714	0.989	0.001768	Erythrocyt	RPS21
8319	DEF6.3	9.48E-08	-0.45943	0.16	0.342	0.00178	Erythrocyt	DEF6
8320	CD27.5	9.54E-08	-0.52695	0.223	0.421	0.001792	Erythrocyt	CD27

8321	IKZF3.4	9.58E-08	-0.53341	0.024	0.159	0.001799	Erythrocyt	IKZF3
8322	PEBP1.3	9.76E-08	-0.41205	0.32	0.523	0.001834	Erythrocyt	PEBP1
8323	COX17.2	1.01E-07	-0.51907	0.126	0.3	0.001889	Erythrocyt	COX17
8324	SUCLG1.1	1.02E-07	-0.42449	0.117	0.289	0.001914	Erythrocyt	SUCLG1
8325	CYCS.1	1.04E-07	-0.48048	0.146	0.319	0.001949	Erythrocyt	CYCS
8326	TEX264.1	1.04E-07	-0.37776	0.112	0.288	0.001955	Erythrocyt	TEX264
8327	TRIR.2	1.08E-07	-0.37169	0.335	0.569	0.002021	Erythrocyt	TRIR
8328	HNRNPUL1	1.08E-07	-0.47919	0.078	0.236	0.002028	Erythrocyt	HNRNPUL1
8329	IDH2.2	1.08E-07	-0.47518	0.107	0.271	0.002032	Erythrocyt	IDH2
8330	TIMM8B.3	1.10E-07	-0.41454	0.092	0.264	0.00206	Erythrocyt	TIMM8B
8331	MICU2	1.10E-07	-0.46163	0.049	0.195	0.002061	Erythrocyt	MICU2
8332	CELF2.1	1.11E-07	-0.47283	0.131	0.304	0.002079	Erythrocyt	CELF2
8333	FAAP20.1	1.13E-07	-0.4181	0.17	0.361	0.002132	Erythrocyt	FAAP20
8334	LAMTOR2.	1.20E-07	-0.40943	0.126	0.3	0.002256	Erythrocyt	LAMTOR2
8335	DBNL.4	1.23E-07	-0.47281	0.199	0.383	0.002306	Erythrocyt	DBNL
8336	FNBP4.2	1.24E-07	-0.52571	0.131	0.296	0.002335	Erythrocyt	FNBP4
8337	MRPS12	1.24E-07	-0.42107	0.087	0.254	0.002338	Erythrocyt	MRPS12
8338	ITGB2-AS1	1.25E-07	-0.48863	0.092	0.252	0.002351	Erythrocyt	ITGB2-AS1
8339	LAPTM4A.	1.30E-07	-0.48111	0.199	0.376	0.002435	Erythrocyt	LAPTM4A
8340	BZW1.1	1.30E-07	-0.43673	0.184	0.367	0.002444	Erythrocyt	BZW1
8341	SHMT2.3	1.32E-07	-0.52728	0.126	0.297	0.002483	Erythrocyt	SHMT2
8342	DCAF7.1	1.36E-07	-0.49044	0.068	0.215	0.002556	Erythrocyt	DCAF7
8343	PFDN2	1.40E-07	-0.47204	0.117	0.282	0.002631	Erythrocyt	PFDN2
8344	ATRX.2	1.41E-07	-0.47158	0.146	0.317	0.002653	Erythrocyt	ATRX
8345	KCNAB2.2	1.41E-07	-0.45788	0.044	0.186	0.002654	Erythrocyt	KCNAB2
8346	GRN.2	1.42E-07	-0.87146	0.083	0.234	0.002666	Erythrocyt	GRN
8347	SIGIRR.3	1.45E-07	-0.44324	0.218	0.399	0.002716	Erythrocyt	SIGIRR
8348	LNPEP	1.46E-07	-0.49407	0.073	0.226	0.002734	Erythrocyt	LNPEP
8349	CDC42SE2.	1.48E-07	-0.51707	0.141	0.302	0.002771	Erythrocyt	CDC42SE2
8350	PRF1.5	1.49E-07	-1.67376	0.039	0.176	0.002799	Erythrocyt	PRF1
8351	PCBP2.3	1.52E-07	-0.33492	0.864	0.936	0.002854	Erythrocyt	PCBP2
8352	HSPA9.1	1.59E-07	-0.46282	0.126	0.293	0.002981	Erythrocyt	HSPA9
8353	DDX18.2	1.62E-07	-0.42212	0.194	0.386	0.003038	Erythrocyt	DDX18
8354	H2AFV.3	1.64E-07	-0.43118	0.175	0.361	0.003073	Erythrocyt	H2AFV
8355	RAB1B	1.64E-07	-0.35113	0.102	0.275	0.003087	Erythrocyt	RAB1B
8356	GSPT1.1	1.66E-07	0.457495	0.228	0.117	0.003112	Erythrocyt	GSPT1
8357	CCM2	1.67E-07	-0.48282	0.053	0.197	0.00313	Erythrocyt	CCM2
8358	NAA38.2	1.76E-07	-0.4595	0.209	0.397	0.003297	Erythrocyt	NAA38
8359	NDFIP1.3	1.77E-07	-0.4947	0.272	0.447	0.00333	Erythrocyt	NDFIP1
8360	NCKAP1L.2	1.79E-07	-0.47597	0.087	0.241	0.00336	Erythrocyt	NCKAP1L
8361	CYB5B.1	1.80E-07	-0.44161	0.029	0.163	0.003377	Erythrocyt	CYB5B
8362	TXN2	1.82E-07	-0.42484	0.107	0.273	0.003426	Erythrocyt	TXN2
8363	PSMC6	1.86E-07	-0.42857	0.097	0.259	0.003496	Erythrocyt	PSMC6
8364	NME2.2	1.87E-07	-0.351	0.388	0.613	0.003504	Erythrocyt	NME2
8365	DUT.3	1.88E-07	-0.46928	0.184	0.365	0.003523	Erythrocyt	DUT
8366	DDX39A.1	1.89E-07	-0.49652	0.165	0.337	0.003555	Erythrocyt	DDX39A
8367	COMMD2	1.90E-07	-0.41287	0.039	0.178	0.003562	Erythrocyt	COMMD2

8368	PUF60.2	1.94E-07	-0.4392	0.209	0.39	0.003651	Erythrocyt	PUF60
8369	PTK2B.1	1.96E-07	-0.4729	0.068	0.216	0.003681	Erythrocyt	PTK2B
8370	IFNGR1.2	1.97E-07	-0.51378	0.073	0.221	0.003705	Erythrocyt	IFNGR1
8371	TNFRSF1B.	1.98E-07	-0.55692	0.024	0.156	0.003727	Erythrocyt	TNFRSF1B
8372	NKG7.4	2.03E-07	-2.78466	0.063	0.204	0.003804	Erythrocyt	NKG7
8373	TMBIM1	2.04E-07	-0.45509	0.049	0.192	0.003828	Erythrocyt	TMBIM1
8374	IFI30.2	2.06E-07	-0.70352	0.005	0.124	0.003878	Erythrocyt	IFI30
8375	ADGRE5.3	2.08E-07	-0.49217	0.107	0.273	0.0039	Erythrocyt	ADGRE5
8376	SPN.3	2.12E-07	-0.51282	0.053	0.2	0.003974	Erythrocyt	SPN
8377	SRSF4	2.18E-07	-0.45973	0.146	0.314	0.004089	Erythrocyt	SRSF4
8378	MGAT1.1	2.18E-07	-0.46661	0.117	0.278	0.004094	Erythrocyt	MGAT1
8379	MRPL43	2.24E-07	-0.41319	0.165	0.344	0.004207	Erythrocyt	MRPL43
8380	FAM104A	2.28E-07	0.383008	0.238	0.123	0.004285	Erythrocyt	FAM104A
8381	RBBP7.1	2.32E-07	-0.43805	0.117	0.283	0.004361	Erythrocyt	RBBP7
8382	STAG2.1	2.33E-07	-0.45113	0.063	0.211	0.004374	Erythrocyt	STAG2
8383	NDUFS6.3	2.34E-07	-0.43495	0.184	0.364	0.004396	Erythrocyt	NDUFS6
8384	LSM14A.2	2.37E-07	-0.44399	0.18	0.359	0.004446	Erythrocyt	LSM14A
8385	GNAI2.2	2.38E-07	-0.50687	0.112	0.275	0.004461	Erythrocyt	GNAI2
8386	NUPL2	2.42E-07	-0.41928	0.034	0.17	0.00454	Erythrocyt	NUPL2
8387	MYD88.2	2.45E-07	-0.47324	0.053	0.194	0.004609	Erythrocyt	MYD88
8388	MRPL57.1	2.48E-07	-0.37977	0.228	0.438	0.004662	Erythrocyt	MRPL57
8389	DOCK8.2	2.54E-07	-0.51139	0.16	0.324	0.004767	Erythrocyt	DOCK8
8390	CHURC1.1	2.57E-07	-0.31456	0.16	0.353	0.004832	Erythrocyt	CHURC1
8391	MVP.2	2.58E-07	-0.46138	0.146	0.316	0.00484	Erythrocyt	MVP
8392	TRIM27	2.58E-07	-0.46416	0.058	0.2	0.00485	Erythrocyt	TRIM27
8393	STK17A.3	2.60E-07	-0.50431	0.243	0.415	0.004884	Erythrocyt	STK17A
8394	TSPAN14.1	2.65E-07	-0.3792	0.092	0.251	0.004986	Erythrocyt	TSPAN14
8395	BBX.2	2.85E-07	-0.42626	0.039	0.177	0.005356	Erythrocyt	BBX
8396	POLR2I.1	2.85E-07	-0.45545	0.141	0.306	0.005358	Erythrocyt	POLR2I
8397	PRPF38B.1	2.92E-07	-0.48376	0.121	0.28	0.005484	Erythrocyt	PRPF38B
8398	EFHD2.4	2.95E-07	-0.57393	0.024	0.151	0.005536	Erythrocyt	EFHD2
8399	NCF1.4	2.98E-07	-0.58177	0.296	0.486	0.005607	Erythrocyt	NCF1
8400	CSNK1A1.1	2.99E-07	-0.43408	0.155	0.32	0.005616	Erythrocyt	CSNK1A1
8401	DHRS7.3	3.01E-07	-0.53296	0.165	0.333	0.005661	Erythrocyt	DHRS7
8402	MBD4.2	3.09E-07	-0.44952	0.073	0.222	0.005801	Erythrocyt	MBD4
8403	GRK2.2	3.11E-07	-0.44763	0.044	0.183	0.005841	Erythrocyt	GRK2
8404	COX14	3.11E-07	-0.41221	0.17	0.346	0.005842	Erythrocyt	COX14
8405	UNC119.2	3.16E-07	-0.40094	0.058	0.207	0.005929	Erythrocyt	UNC119
8406	CYB561D2	3.19E-07	-0.42159	0.053	0.195	0.005998	Erythrocyt	CYB561D2
8407	RTN3.3	3.25E-07	-0.42418	0.044	0.181	0.006098	Erythrocyt	RTN3
8408	IGBP1.2	3.31E-07	-0.46155	0.204	0.381	0.006216	Erythrocyt	IGBP1
8409	PHF20.1	3.34E-07	-0.44535	0.097	0.252	0.006276	Erythrocyt	PHF20
8410	HSPD1.3	3.38E-07	-0.42939	0.262	0.453	0.006355	Erythrocyt	HSPD1
8411	PGD.4	3.41E-07	-0.66824	0.078	0.22	0.006412	Erythrocyt	PGD
8412	MLF2	3.47E-07	-0.36083	0.18	0.363	0.006515	Erythrocyt	MLF2
8413	THEMIS2.2	3.54E-07	-0.48726	0.034	0.165	0.006654	Erythrocyt	THEMIS2
8414	COA3.1	3.57E-07	-0.40675	0.092	0.253	0.006702	Erythrocyt	COA3

8415	CLEC2B.1	3.61E-07	-0.52728	0.209	0.381	0.006781	Erythrocyt	CLEC2B
8416	SDF4.1	3.62E-07	-0.45562	0.107	0.265	0.006805	Erythrocyt	SDF4
8417	METTL26.2	3.66E-07	-0.41852	0.238	0.424	0.006871	Erythrocyt	METTL26
8418	NDUFB7.4	3.71E-07	-0.42802	0.272	0.458	0.006973	Erythrocyt	NDUFB7
8419	NDUFA6.3	3.74E-07	-0.44848	0.228	0.396	0.007027	Erythrocyt	NDUFA6
8420	SELENOW.	3.78E-07	-0.36539	0.291	0.493	0.007095	Erythrocyt	SELENOW
8421	EIF3A.2	3.85E-07	-0.42897	0.107	0.266	0.007226	Erythrocyt	EIF3A
8422	PPP5C	3.93E-07	-0.39206	0.015	0.136	0.007375	Erythrocyt	PPP5C
8423	CDKN1B.2	3.93E-07	-0.42635	0.121	0.288	0.007378	Erythrocyt	CDKN1B
8424	GGNBP2.1	3.93E-07	-0.41894	0.121	0.286	0.007385	Erythrocyt	GGNBP2
8425	FNTA.2	3.98E-07	-0.4161	0.092	0.246	0.007468	Erythrocyt	FNTA
8426	COMT.2	4.14E-07	-0.4352	0.083	0.233	0.00777	Erythrocyt	COMT
8427	IDS.1	4.17E-07	-0.44995	0.068	0.214	0.007841	Erythrocyt	IDS
8428	MYADM.3	4.22E-07	-0.4977	0.039	0.169	0.007919	Erythrocyt	MYADM
8429	PIN1	4.25E-07	-0.43364	0.112	0.269	0.007989	Erythrocyt	PIN1
8430	RAB11B.1	4.30E-07	-0.46207	0.204	0.374	0.008069	Erythrocyt	RAB11B
8431	UBE2L3.2	4.30E-07	-0.4061	0.155	0.326	0.008076	Erythrocyt	UBE2L3
8432	MRPS7.1	4.33E-07	-0.41945	0.121	0.286	0.008137	Erythrocyt	MRPS7
8433	PIK3R1.2	4.34E-07	-0.48249	0.058	0.197	0.008145	Erythrocyt	PIK3R1
8434	VPS4B.1	4.44E-07	-0.46489	0.078	0.219	0.008338	Erythrocyt	VPS4B
8435	LIME1.4	4.45E-07	-0.47631	0.141	0.312	0.008364	Erythrocyt	LIME1
8436	NDUFS8.1	4.48E-07	-0.38271	0.218	0.401	0.008421	Erythrocyt	NDUFS8
8437	MRPL24.1	4.51E-07	-0.38978	0.068	0.212	0.008473	Erythrocyt	MRPL24
8438	FIBP	4.53E-07	-0.36896	0.102	0.265	0.008501	Erythrocyt	FIBP
8439	DPYD.3	4.60E-07	-0.46091	0.068	0.211	0.008641	Erythrocyt	DPYD
8440	PRDX2.4	4.62E-07	0.586006	0.553	0.433	0.008675	Erythrocyt	PRDX2
8441	GNB2.3	4.65E-07	-0.4191	0.218	0.408	0.008729	Erythrocyt	GNB2
8442	EIF5.1	4.65E-07	-0.46713	0.243	0.411	0.008743	Erythrocyt	EIF5
8443	BLOC1S1.1	4.71E-07	-0.44635	0.243	0.425	0.008843	Erythrocyt	BLOC1S1
8444	KRT10.1	4.89E-07	-0.40809	0.199	0.385	0.009193	Erythrocyt	KRT10
8445	PFKL.2	4.91E-07	-0.40953	0.112	0.278	0.00923	Erythrocyt	PFKL
8446	SNX1.1	4.97E-07	-0.38235	0.112	0.272	0.009333	Erythrocyt	SNX1
8447	LYAR.4	4.99E-07	-0.58798	0.034	0.164	0.009366	Erythrocyt	LYAR
8448	RAB11A.2	4.99E-07	-0.38063	0.141	0.316	0.009378	Erythrocyt	RAB11A
8449	NUTF2.1	5.04E-07	-0.37646	0.189	0.366	0.009466	Erythrocyt	NUTF2
8450	MRPL18	5.05E-07	-0.4397	0.102	0.256	0.009481	Erythrocyt	MRPL18
8451	SNRPF.1	5.08E-07	-0.3858	0.238	0.42	0.009543	Erythrocyt	SNRPF
8452	VDAC1.1	5.10E-07	-0.40719	0.165	0.335	0.00958	Erythrocyt	VDAC1
8453	SPSB3.1	5.14E-07	-0.43313	0.243	0.414	0.009648	Erythrocyt	SPSB3
8454	DHPS.2	5.14E-07	-0.33999	0.141	0.313	0.009662	Erythrocyt	DHPS
8455	CHMP2A.1	5.15E-07	-0.43352	0.102	0.258	0.009683	Erythrocyt	CHMP2A
8456	PWP1.2	5.20E-07	-0.48355	0.102	0.248	0.009763	Erythrocyt	PWP1
8457	SMIM29.3	5.24E-07	-0.47193	0.049	0.181	0.009844	Erythrocyt	SMIM29
8458	TOR3A.2	5.33E-07	-0.39709	0.019	0.14	0.010011	Erythrocyt	TOR3A
8459	NSUN5.1	5.34E-07	-0.41008	0.073	0.221	0.010025	Erythrocyt	NSUN5
8460	DUSP11.1	5.39E-07	-0.40551	0.044	0.177	0.010119	Erythrocyt	DUSP11
8461	TAF1D.4	5.40E-07	-0.46259	0.155	0.32	0.010137	Erythrocyt	TAF1D

8462	PSMC4	5.48E-07	-0.43035	0.092	0.241	0.010301	Erythrocyt	PSMC4
8463	GPX4.3	5.54E-07	-0.33381	0.393	0.605	0.010412	Erythrocyt	GPX4
8464	GTF3C6	5.55E-07	-0.44488	0.117	0.27	0.010435	Erythrocyt	GTF3C6
8465	CD79B.5	5.66E-07	-0.69248	0.146	0.31	0.010638	Erythrocyt	CD79B
8466	CD300A.4	5.88E-07	-0.56687	0.024	0.146	0.011044	Erythrocyt	CD300A
8467	NDUFS2	5.90E-07	-0.401	0.16	0.332	0.011085	Erythrocyt	NDUFS2
8468	FIP1L1.1	5.97E-07	-0.39529	0.058	0.201	0.011207	Erythrocyt	FIP1L1
8469	USP10	5.97E-07	-0.41932	0.058	0.199	0.011211	Erythrocyt	USP10
8470	PAPOLA	5.98E-07	-0.44107	0.165	0.324	0.011233	Erythrocyt	PAPOLA
8471	CRLF3.1	6.09E-07	-0.47895	0.126	0.28	0.011436	Erythrocyt	CRLF3
8472	ATXN10.2	6.11E-07	-0.39039	0.17	0.336	0.011474	Erythrocyt	ATXN10
8473	APMAP.3	6.13E-07	-0.61804	0.078	0.219	0.011524	Erythrocyt	APMAP
8474	SDHC	6.15E-07	-0.46715	0.18	0.343	0.011553	Erythrocyt	SDHC
8475	ICAM2.2	6.15E-07	-0.4221	0.204	0.389	0.011561	Erythrocyt	ICAM2
8476	ISG20.4	6.18E-07	-0.3587	0.388	0.563	0.011614	Erythrocyt	ISG20
8477	GPR65.3	6.29E-07	-0.40544	0.049	0.187	0.011812	Erythrocyt	GPR65
8478	HSPA4.1	6.32E-07	-0.45007	0.063	0.2	0.011879	Erythrocyt	HSPA4
8479	SFT2D1.1	6.67E-07	-0.41024	0.092	0.244	0.012523	Erythrocyt	SFT2D1
8480	POLE3	6.70E-07	-0.44022	0.053	0.188	0.01259	Erythrocyt	POLE3
8481	PDIA4.2	6.76E-07	-0.46305	0.078	0.223	0.012698	Erythrocyt	PDIA4
8482	SCAF11.1	6.83E-07	-0.48338	0.16	0.315	0.012836	Erythrocyt	SCAF11
8483	ATG16L2.2	6.90E-07	-0.40421	0.029	0.156	0.012961	Erythrocyt	ATG16L2
8484	NUDT4	6.92E-07	0.384733	0.165	0.076	0.013001	Erythrocyt	NUDT4
8485	LRPAP1.2	6.97E-07	-0.43566	0.126	0.279	0.013096	Erythrocyt	LRPAP1
8486	G3BP1.1	6.98E-07	-0.42855	0.146	0.303	0.013115	Erythrocyt	G3BP1
8487	DNAJB6.2	7.08E-07	-0.4342	0.131	0.285	0.013309	Erythrocyt	DNAJB6
8488	PRKDC	7.10E-07	-0.40682	0.073	0.214	0.013328	Erythrocyt	PRKDC
8489	ING4.2	7.10E-07	-0.4066	0.068	0.212	0.013335	Erythrocyt	ING4
8490	CST7.3	7.21E-07	-1.64627	0.044	0.17	0.013535	Erythrocyt	CST7
8491	ANXA4.2	7.29E-07	-0.48593	0.029	0.153	0.013689	Erythrocyt	ANXA4
8492	SPCS3.3	7.33E-07	-0.49551	0.078	0.22	0.013775	Erythrocyt	SPCS3
8493	SDCBP.3	7.34E-07	-0.51479	0.184	0.348	0.013785	Erythrocyt	SDCBP
8494	METTL23.2	7.46E-07	-0.41134	0.112	0.266	0.014018	Erythrocyt	METTL23
8495	UBE2D1.2	7.48E-07	-0.43581	0.058	0.194	0.014047	Erythrocyt	UBE2D1
8496	DENND2D.	7.51E-07	-0.47994	0.233	0.41	0.014115	Erythrocyt	DENND2D
8497	KPNB1	7.53E-07	-0.41754	0.126	0.289	0.01414	Erythrocyt	KPNB1
8498	C1orf43.2	7.59E-07	-0.4215	0.184	0.347	0.014262	Erythrocyt	C1orf43
8499	C1D	7.65E-07	-0.40839	0.136	0.293	0.014378	Erythrocyt	C1D
8500	FUS.2	7.78E-07	-0.39215	0.335	0.52	0.014617	Erythrocyt	FUS
8501	NECAP2	7.79E-07	-0.43501	0.131	0.288	0.01464	Erythrocyt	NECAP2
8502	CLINT1.1	7.80E-07	-0.41754	0.058	0.192	0.014643	Erythrocyt	CLINT1
8503	PPP6C	7.85E-07	-0.44644	0.146	0.301	0.014754	Erythrocyt	PPP6C
8504	PSMC3	7.93E-07	-0.39065	0.102	0.257	0.014899	Erythrocyt	PSMC3
8505	TSPO.3	7.94E-07	-0.95054	0.32	0.479	0.014919	Erythrocyt	TSPO
8506	ADA.2	7.95E-07	-0.37078	0.015	0.131	0.014934	Erythrocyt	ADA
8507	PLD3.2	8.03E-07	-0.36414	0.068	0.211	0.015083	Erythrocyt	PLD3
8508	EMC4.1	8.06E-07	-0.39497	0.141	0.306	0.015143	Erythrocyt	EMC4

8509	MGAT4A.2	8.24E-07	-0.47007	0.107	0.255	0.015474	Erythrocyt	MGAT4A
8510	TMED2.1	8.28E-07	-0.37851	0.16	0.327	0.015561	Erythrocyt	TMED2
8511	EMC10	8.38E-07	-0.42383	0.058	0.194	0.015733	Erythrocyt	EMC10
8512	C4orf48.3	8.39E-07	-0.43999	0.141	0.302	0.015756	Erythrocyt	C4orf48
8513	OGA.1	8.41E-07	-0.47186	0.063	0.198	0.015804	Erythrocyt	OGA
8514	MARCH7.1	8.55E-07	-0.43257	0.049	0.179	0.016062	Erythrocyt	Mar-07
8515	ACADVL.2	8.57E-07	-0.42811	0.16	0.321	0.016092	Erythrocyt	ACADVL
8516	NUCB2.4	8.58E-07	-0.50227	0.189	0.362	0.016113	Erythrocyt	NUCB2
8517	SDHD.1	8.58E-07	-0.30587	0.17	0.348	0.016126	Erythrocyt	SDHD
8518	MIF4GD	8.67E-07	-0.42779	0.058	0.193	0.016278	Erythrocyt	MIF4GD
8519	APH1A.2	8.67E-07	-0.39495	0.248	0.428	0.016281	Erythrocyt	APH1A
8520	AP1S2.2	8.69E-07	-0.43729	0.107	0.265	0.016322	Erythrocyt	AP1S2
8521	ELF2.1	8.73E-07	-0.41134	0.044	0.175	0.0164	Erythrocyt	ELF2
8522	ZNF22.3	8.74E-07	-0.4315	0.126	0.285	0.01642	Erythrocyt	ZNF22
8523	NINJ1.2	8.82E-07	-0.50589	0.053	0.185	0.016566	Erythrocyt	NINJ1
8524	PSIP1.1	9.08E-07	-0.42783	0.199	0.37	0.017049	Erythrocyt	PSIP1
8525	DNAJC7	9.16E-07	-0.4367	0.107	0.256	0.017208	Erythrocyt	DNAJC7
8526	MCRIP1.1	9.20E-07	-0.37435	0.083	0.233	0.017282	Erythrocyt	MCRIP1
8527	TMED5.1	9.21E-07	-0.43498	0.049	0.177	0.017303	Erythrocyt	TMED5
8528	IFNGR2.3	9.31E-07	-0.56261	0.175	0.328	0.017481	Erythrocyt	IFNGR2
8529	ASAH1.2	9.31E-07	-0.53213	0.146	0.295	0.017487	Erythrocyt	ASAH1
8530	BID.2	9.31E-07	-0.42219	0.039	0.166	0.01749	Erythrocyt	BID
8531	BTN3A2.4	9.37E-07	-0.42501	0.102	0.255	0.017605	Erythrocyt	BTN3A2
8532	CDC42EP3.	9.40E-07	-0.49064	0.049	0.18	0.017662	Erythrocyt	CDC42EP3
8533	TIMP1.3	9.42E-07	-0.84476	0.092	0.237	0.017687	Erythrocyt	TIMP1
8534	MRPL34	9.47E-07	-0.39475	0.16	0.329	0.017783	Erythrocyt	MRPL34
8535	PDLIM2.1	9.52E-07	-0.41486	0.107	0.258	0.017882	Erythrocyt	PDLIM2
8536	PPT1.3	9.69E-07	-0.42706	0.092	0.237	0.018205	Erythrocyt	PPT1
8537	ERICH1.2	9.73E-07	-0.38673	0.083	0.226	0.01827	Erythrocyt	ERICH1
8538	DNAJC8.1	9.74E-07	-0.32027	0.218	0.403	0.018294	Erythrocyt	DNAJC8
8539	ANKRD12.1	9.81E-07	-0.41493	0.218	0.396	0.018421	Erythrocyt	ANKRD12
8540	GORASP2.1	9.82E-07	-0.43438	0.087	0.229	0.018444	Erythrocyt	GORASP2
8541	RER1.1	9.93E-07	-0.37318	0.16	0.322	0.018652	Erythrocyt	RER1
8542	COX7B.3	9.98E-07	-0.35834	0.306	0.491	0.018747	Erythrocyt	COX7B
8543	NDUFB6.2	1.02E-06	-0.31335	0.16	0.346	0.019071	Erythrocyt	NDUFB6
8544	ARHGAP25	1.02E-06	-0.44684	0.063	0.199	0.019146	Erythrocyt	ARHGAP25
8545	RAP1A.1	1.03E-06	-0.43741	0.189	0.358	0.019276	Erythrocyt	RAP1A
8546	ERGIC3.2	1.03E-06	-0.44995	0.209	0.361	0.019354	Erythrocyt	ERGIC3
8547	EIF3E.4	1.03E-06	-0.32111	0.442	0.681	0.019355	Erythrocyt	EIF3E
8548	YTHDF2.1	1.03E-06	-0.3901	0.16	0.313	0.019366	Erythrocyt	YTHDF2
8549	SRPRA.1	1.03E-06	-0.42987	0.112	0.26	0.019367	Erythrocyt	SRPRA
8550	TMEM14B	1.04E-06	-0.40858	0.252	0.426	0.019584	Erythrocyt	TMEM14B
8551	NPC2.1	1.08E-06	-0.60342	0.155	0.31	0.020326	Erythrocyt	NPC2
8552	ZEB2.3	1.08E-06	-0.50919	0.029	0.15	0.020342	Erythrocyt	ZEB2
8553	PPP3CC.3	1.09E-06	-0.45454	0.092	0.238	0.02047	Erythrocyt	PPP3CC
8554	POLR2L.3	1.09E-06	-0.35878	0.35	0.538	0.020472	Erythrocyt	POLR2L
8555	EVI2B.1	1.10E-06	-0.39548	0.024	0.144	0.020609	Erythrocyt	EVI2B

8556	IRF1.3	1.13E-06	-0.58949	0.233	0.404	0.021192	Erythrocyt	IRF1
8557	NKTR.1	1.14E-06	-0.40488	0.073	0.214	0.021391	Erythrocyt	NKTR
8558	COP56	1.16E-06	-0.40515	0.184	0.346	0.021721	Erythrocyt	COP56
8559	MFF	1.18E-06	-0.37267	0.16	0.323	0.02218	Erythrocyt	MFF
8560	PIAS1.1	1.18E-06	-0.45347	0.087	0.227	0.022189	Erythrocyt	PIAS1
8561	CD68.4	1.20E-06	-0.76159	0	0.103	0.022563	Erythrocyt	CD68
8562	NAA10	1.22E-06	-0.36134	0.049	0.181	0.022824	Erythrocyt	NAA10
8563	SSBP1.1	1.22E-06	-0.37028	0.311	0.493	0.022986	Erythrocyt	SSBP1
8564	SERINC3	1.23E-06	-0.41449	0.083	0.223	0.023046	Erythrocyt	SERINC3
8565	SCAF4.1	1.23E-06	-0.39714	0.029	0.15	0.023183	Erythrocyt	SCAF4
8566	DNAJC3.2	1.24E-06	-0.39101	0.029	0.149	0.023362	Erythrocyt	DNAJC3
8567	MRPL3.2	1.25E-06	-0.39646	0.097	0.245	0.023421	Erythrocyt	MRPL3
8568	FBL.1	1.25E-06	-0.40658	0.175	0.344	0.02346	Erythrocyt	FBL
8569	PTBP3.1	1.26E-06	-0.40483	0.053	0.186	0.023669	Erythrocyt	PTBP3
8570	WNK1	1.27E-06	0.331277	0.243	0.131	0.023845	Erythrocyt	WNK1
8571	EIF6	1.28E-06	-0.42401	0.16	0.321	0.024086	Erythrocyt	EIF6
8572	ANKRD44	1.29E-06	-0.41291	0.136	0.291	0.02418	Erythrocyt	ANKRD44
8573	CENPX	1.29E-06	-0.40174	0.087	0.234	0.02428	Erythrocyt	CENPX
8574	MRPS15.1	1.30E-06	-0.39293	0.112	0.263	0.024417	Erythrocyt	MRPS15
8575	ARHGAP45	1.30E-06	-0.43162	0.228	0.397	0.02451	Erythrocyt	ARHGAP45
8576	AIF1.5	1.34E-06	-1.27557	0.15	0.288	0.025168	Erythrocyt	AIF1
8577	SELENOS.2	1.36E-06	-0.43523	0.049	0.177	0.025462	Erythrocyt	SELENOS
8578	MCUB.4	1.36E-06	-0.36335	0.34	0.516	0.025496	Erythrocyt	MCUB
8579	PMPCB.1	1.36E-06	-0.38683	0.126	0.284	0.025577	Erythrocyt	PMPCB
8580	DYNLT1.4	1.37E-06	-0.43441	0.136	0.29	0.025776	Erythrocyt	DYNLT1
8581	MTPN.4	1.38E-06	-0.4853	0.199	0.354	0.026008	Erythrocyt	MTPN
8582	RALA	1.41E-06	-0.35834	0.073	0.213	0.026416	Erythrocyt	RALA
8583	SMARCB1.1	1.42E-06	-0.36216	0.15	0.319	0.026633	Erythrocyt	SMARCB1
8584	SDR39U1.2	1.43E-06	-0.36536	0.16	0.325	0.026887	Erythrocyt	SDR39U1
8585	MAGOH.1	1.45E-06	-0.34948	0.243	0.423	0.027155	Erythrocyt	MAGOH
8586	TMEM109	1.45E-06	-0.39847	0.102	0.254	0.027183	Erythrocyt	TMEM109
8587	AKIRIN2.2	1.45E-06	-0.43589	0.073	0.208	0.027306	Erythrocyt	AKIRIN2
8588	NAGK.1	1.48E-06	-0.36739	0.034	0.159	0.027765	Erythrocyt	NAGK
8589	PARP8.2	1.49E-06	-0.42222	0.034	0.156	0.027926	Erythrocyt	PARP8
8590	URM1	1.50E-06	-0.34302	0.083	0.228	0.02809	Erythrocyt	URM1
8591	ZFAND6	1.51E-06	-0.38354	0.083	0.228	0.028299	Erythrocyt	ZFAND6
8592	SP110.1	1.54E-06	-0.48591	0.199	0.352	0.028879	Erythrocyt	SP110
8593	HOOK3.1	1.54E-06	-0.35595	0.015	0.127	0.028908	Erythrocyt	HOOK3
8594	OSGEP.2	1.54E-06	-0.4514	0.073	0.204	0.028949	Erythrocyt	OSGEP
8595	SND1.1	1.54E-06	-0.42485	0.068	0.2	0.028958	Erythrocyt	SND1
8596	PNRC2.2	1.57E-06	-0.35715	0.209	0.383	0.029534	Erythrocyt	PNRC2
8597	SRPK2.2	1.58E-06	-0.43888	0.121	0.267	0.029654	Erythrocyt	SRPK2
8598	TMEM243	1.58E-06	-0.39535	0.238	0.401	0.029667	Erythrocyt	TMEM243
8599	RBM42	1.58E-06	-0.35693	0.117	0.271	0.029723	Erythrocyt	RBM42
8600	LSM6.2	1.59E-06	-0.32577	0.209	0.393	0.029782	Erythrocyt	LSM6
8601	NRDC.1	1.60E-06	-0.42434	0.073	0.207	0.030024	Erythrocyt	NRDC
8602	ILF3	1.63E-06	-0.37515	0.141	0.298	0.030683	Erythrocyt	ILF3

8603	LAT2.4	1.69E-06	-0.54156	0.078	0.216	0.031754	Erythrocyt	LAT2
8604	ATG3.1	1.69E-06	-0.47092	0.146	0.287	0.03176	Erythrocyt	ATG3
8605	SENP6.1	1.70E-06	-0.44547	0.068	0.199	0.031892	Erythrocyt	SENP6
8606	BCCIP	1.72E-06	-0.4087	0.117	0.265	0.032293	Erythrocyt	BCCIP
8607	KLF6.5	1.73E-06	-0.5109	0.16	0.32	0.032425	Erythrocyt	KLF6
8608	NUP214.3	1.73E-06	-0.45812	0.029	0.146	0.032471	Erythrocyt	NUP214
8609	PTDSS1.2	1.73E-06	-0.42951	0.126	0.275	0.032537	Erythrocyt	PTDSS1
8610	ZFR	1.76E-06	-0.39688	0.049	0.175	0.033035	Erythrocyt	ZFR
8611	MRPL20	1.76E-06	-0.33853	0.228	0.409	0.033061	Erythrocyt	MRPL20
8612	GIT2.1	1.77E-06	-0.39319	0.068	0.2	0.033249	Erythrocyt	GIT2
8613	CD3G.4	1.77E-06	-0.55485	0.243	0.411	0.03334	Erythrocyt	CD3G
8614	PRDX5.3	1.78E-06	-0.3394	0.354	0.539	0.033401	Erythrocyt	PRDX5
8615	EMB.1	1.79E-06	-0.48322	0.083	0.215	0.033556	Erythrocyt	EMB
8616	WBP11.1	1.81E-06	-0.36904	0.063	0.198	0.034074	Erythrocyt	WBP11
8617	CD2BP2.1	1.83E-06	-0.33109	0.063	0.201	0.034427	Erythrocyt	CD2BP2
8618	GPAA1.2	1.84E-06	-0.37696	0.087	0.23	0.034598	Erythrocyt	GPAA1
8619	UCKL1	1.86E-06	-0.36205	0.029	0.147	0.034919	Erythrocyt	UCKL1
8620	PRMT1.2	1.86E-06	-0.40226	0.233	0.407	0.034932	Erythrocyt	PRMT1
8621	SEC11C.1	1.87E-06	-0.51086	0.121	0.266	0.035151	Erythrocyt	SEC11C
8622	TES.2	1.88E-06	-0.4079	0.131	0.282	0.035236	Erythrocyt	TES
8623	ITSN2.2	1.88E-06	-0.41206	0.117	0.268	0.035298	Erythrocyt	ITSN2
8624	DAP3.1	1.92E-06	-0.36901	0.131	0.288	0.036046	Erythrocyt	DAP3
8625	ERCC1.1	1.93E-06	-0.34585	0.053	0.185	0.036192	Erythrocyt	ERCC1
8626	FAM96A.3	1.93E-06	-0.40002	0.189	0.353	0.036334	Erythrocyt	FAM96A
8627	TBRG1.2	1.97E-06	-0.41752	0.136	0.286	0.036959	Erythrocyt	TBRG1
8628	PSMB8-AS1	1.98E-06	-0.39419	0.238	0.419	0.037228	Erythrocyt	PSMB8-AS1
8629	PRKCH.5	1.99E-06	-0.49699	0.107	0.25	0.037302	Erythrocyt	PRKCH
8630	GMIP.1	2.00E-06	-0.3679	0.029	0.147	0.037567	Erythrocyt	GMIP
8631	PCMT1	2.01E-06	-0.33752	0.117	0.265	0.037787	Erythrocyt	PCMT1
8632	PLEKHF2.3	2.03E-06	-0.36729	0.044	0.172	0.038119	Erythrocyt	PLEKHF2
8633	GPR108	2.03E-06	-0.38162	0.034	0.153	0.038138	Erythrocyt	GPR108
8634	IRF7.1	2.03E-06	-0.39954	0.146	0.311	0.038183	Erythrocyt	IRF7
8635	DHX30	2.04E-06	-0.38147	0.044	0.167	0.038286	Erythrocyt	DHX30
8636	PSMA4.2	2.04E-06	-0.33963	0.165	0.331	0.038365	Erythrocyt	PSMA4
8637	BIRC6	2.06E-06	-0.37207	0.029	0.148	0.038723	Erythrocyt	BIRC6
8638	TAF7.1	2.07E-06	-0.41987	0.18	0.34	0.038836	Erythrocyt	TAF7
8639	ELOVL5.2	2.11E-06	-0.43303	0.146	0.292	0.039699	Erythrocyt	ELOVL5
8640	GZMM.5	2.12E-06	-0.5878	0.248	0.409	0.039809	Erythrocyt	GZMM
8641	PNN.3	2.14E-06	-0.33913	0.18	0.333	0.040182	Erythrocyt	PNN
8642	NCBP2-AS2	2.16E-06	-0.40944	0.136	0.284	0.040593	Erythrocyt	NCBP2-AS2
8643	POLR2K	2.20E-06	-0.3386	0.126	0.283	0.041342	Erythrocyt	POLR2K
8644	TM9SF2.2	2.21E-06	-0.38684	0.097	0.242	0.041513	Erythrocyt	TM9SF2
8645	MSL3.1	2.22E-06	-0.40632	0.068	0.203	0.041763	Erythrocyt	MSL3
8646	TPRKB	2.26E-06	-0.30308	0.058	0.191	0.042432	Erythrocyt	TPRKB
8647	FAM173A	2.26E-06	-0.41083	0.078	0.215	0.042545	Erythrocyt	FAM173A
8648	SF3B5.2	2.27E-06	-0.3508	0.291	0.461	0.042705	Erythrocyt	SF3B5
8649	HLA-DMA.	2.36E-06	-0.69016	0.194	0.346	0.04432	Erythrocyt	HLA-DMA

8650	ABLIM1.4	2.36E-06	-0.40545	0.126	0.275	0.044375	Erythrocyt	ABLIM1
8651	CRIP1.2	2.38E-06	-0.55497	0.218	0.384	0.044738	Erythrocyt	CRIP1
8652	HNRNPR.1	2.39E-06	-0.36487	0.243	0.419	0.044861	Erythrocyt	HNRNPR
8653	COMMD1.	2.39E-06	-0.34128	0.044	0.168	0.044871	Erythrocyt	COMMD1
8654	TTC3.1	2.39E-06	-0.37177	0.126	0.277	0.044873	Erythrocyt	TTC3
8655	ERP44.2	2.42E-06	-0.4118	0.107	0.248	0.045397	Erythrocyt	ERP44
8656	PTGES3.2	2.43E-06	-0.34623	0.524	0.669	0.045739	Erythrocyt	PTGES3
8657	AAK1.1	2.44E-06	-0.43383	0.092	0.234	0.045764	Erythrocyt	AAK1
8658	SMAP1	2.45E-06	-0.40826	0.087	0.221	0.046019	Erythrocyt	SMAP1
8659	CASP1.2	2.50E-06	-0.50537	0.102	0.239	0.046918	Erythrocyt	CASP1
8660	NDUFB3.2	2.51E-06	-0.29619	0.218	0.402	0.047183	Erythrocyt	NDUFB3
8661	DEGS1.3	2.51E-06	-0.39475	0.083	0.22	0.047222	Erythrocyt	DEGS1
8662	TMEM179	2.52E-06	-0.34536	0.194	0.365	0.047279	Erythrocyt	TMEM179B
8663	LEPROTL1.	2.53E-06	-0.41116	0.32	0.502	0.047602	Erythrocyt	LEPROTL1
8664	CDK4.2	2.53E-06	-0.34443	0.083	0.223	0.047605	Erythrocyt	CDK4
8665	ATP5PF.2	2.55E-06	-0.29185	0.374	0.563	0.047878	Erythrocyt	ATP5PF
8666	ATRAID	2.57E-06	-0.33719	0.17	0.335	0.048266	Erythrocyt	ATRAID
8667	TRMT1.1	2.57E-06	-0.43202	0.107	0.247	0.04836	Erythrocyt	TRMT1
8668	ABI1.1	2.60E-06	-0.40614	0.102	0.242	0.04889	Erythrocyt	ABI1
8669	LETMD1.2	2.61E-06	-0.35543	0.068	0.203	0.049111	Erythrocyt	LETMD1
8670	RNF149.3	2.62E-06	-0.48942	0.155	0.31	0.04913	Erythrocyt	RNF149
8671	SLFN5.4	2.64E-06	-0.45076	0.112	0.258	0.049625	Erythrocyt	SLFN5
9991	PPBP	0	5.835472	0.837	0.018	0	Platelet	PPBP
9992	TUBB1	0	4.25947	0.644	0.007	0	Platelet	TUBB1
9993	HIST1H3H	0	3.782709	0.529	0.023	0	Platelet	HIST1H3H
9994	PF4	0	3.777095	0.6	0.008	0	Platelet	PF4
9995	TSC22D1.1	0	3.739959	0.434	0.023	0	Platelet	TSC22D1
9996	GP9	0	3.701275	0.481	0.006	0	Platelet	GP9
9997	GNG11.1	0	3.55149	0.62	0.024	0	Platelet	GNG11
9998	CAVIN2.1	0	3.474415	0.644	0.008	0	Platelet	CAVIN2
9999	ACRBP	0	3.194167	0.431	0.018	0	Platelet	ACRBP
10000	SPARC.1	0	3.172276	0.634	0.008	0	Platelet	SPARC
10001	MPIG6B	0	3.065043	0.498	0.006	0	Platelet	MPIG6B
10002	CLU.1	0	3.04816	0.637	0.043	0	Platelet	CLU
10003	MYL9	0	2.923521	0.539	0.008	0	Platelet	MYL9
10004	TREML1	0	2.768338	0.492	0.005	0	Platelet	TREML1
10005	CMTM5	0	2.66812	0.42	0.004	0	Platelet	CMTM5
10006	TMEM40	0	2.548215	0.366	0.002	0	Platelet	TMEM40
10007	NRGN.1	0	2.510363	0.597	0.024	0	Platelet	NRGN
10008	PTCRA	0	2.473934	0.312	0.004	0	Platelet	PTCRA
10009	F13A1.1	0	2.298422	0.447	0.018	0	Platelet	F13A1
10010	C2orf88	0	2.226937	0.339	0.009	0	Platelet	C2orf88
10011	ESAM	0	2.192243	0.322	0.009	0	Platelet	ESAM
10012	PTGS1	0	2.12244	0.386	0.018	0	Platelet	PTGS1
10013	ITGA2B	0	2.060461	0.376	0.003	0	Platelet	ITGA2B
10014	AP003068.	0	2.046992	0.417	0.023	0	Platelet	AP003068.2
10015	SNCA.2	0	2.016619	0.386	0.016	0	Platelet	SNCA

10016 CLEC1B	0	1.943717	0.251	0.002	0 Platelet	CLEC1B
10017 GMPR.1	0	1.856971	0.332	0.009	0 Platelet	GMPR
10018 PF4V1	0	1.830841	0.353	0.004	0 Platelet	PF4V1
10019 FRMD3	0	1.747624	0.193	0.005	0 Platelet	FRMD3
10020 TRIM58.2	0	1.742492	0.302	0.013	0 Platelet	TRIM58
10021 GUCY1B1.1	0	1.663495	0.254	0.008	0 Platelet	GUCY1B1
10022 AP000547.1	0	1.496728	0.336	0.019	0 Platelet	AP000547.3
10023 MYLK	0	1.471348	0.261	0.002	0 Platelet	MYLK
10024 GP1BA	0	1.469495	0.217	0.001	0 Platelet	GP1BA
10025 PDGFA	0	1.445633	0.227	0.002	0 Platelet	PDGFA
10026 FAXDC2	0	1.404814	0.285	0.002	0 Platelet	FAXDC2
10027 NEXN	0	1.392709	0.224	0.008	0 Platelet	NEXN
10028 DMTN.1	0	1.380093	0.264	0.007	0 Platelet	DMTN
10029 TUBA8	0	1.371294	0.261	0.002	0 Platelet	TUBA8
10030 ALOX12	0	1.367156	0.254	0.001	0 Platelet	ALOX12
10031 AC147651.1	0	1.276079	0.247	0.003	0 Platelet	AC147651.1
10032 THBS1	0	1.275375	0.288	0.01	0 Platelet	THBS1
10033 ARHGAP6	0	1.272686	0.231	0.002	0 Platelet	ARHGAP6
10034 SMIM5	0	1.242171	0.237	0.004	0 Platelet	SMIM5
10035 SMOX.1	0	1.222959	0.214	0.007	0 Platelet	SMOX
10036 AP001189.1	0	1.182235	0.275	0.003	0 Platelet	AP001189.1
10037 LINC00989	0	1.152136	0.231	0.001	0 Platelet	LINC00989
10038 GATA1.1	0	1.135409	0.149	0.001	0 Platelet	GATA1
10039 CTTN	0	1.133336	0.193	0.002	0 Platelet	CTTN
10040 GFI1B.1	0	0.997793	0.183	0.002	0 Platelet	GFI1B
10041 STON2	0	0.996201	0.156	0.001	0 Platelet	STON2
10042 SH3BGRL2	0	0.994872	0.227	0.003	0 Platelet	SH3BGRL2
10043 GP6	0	0.927517	0.153	0.001	0 Platelet	GP6
10044 PRKAR2B	0	0.882222	0.234	0.006	0 Platelet	PRKAR2B
10045 SELP	0	0.881826	0.156	0.002	0 Platelet	SELP
10046 ELOVL7	0	0.879737	0.169	0.001	0 Platelet	ELOVL7
10047 AC090409.1	0	0.876306	0.132	0.001	0 Platelet	AC090409.1
10048 EGLN3	0	0.863608	0.163	0.004	0 Platelet	EGLN3
10049 TNFSF4.1	0	0.838967	0.136	0.002	0 Platelet	TNFSF4
10050 DNM3	0	0.836647	0.136	0.002	0 Platelet	DNM3
10051 MMRN1.1	0	0.833762	0.153	0.002	0 Platelet	MMRN1
10052 CALD1	0	0.816193	0.166	0.001	0 Platelet	CALD1
10053 LGALS12	0	0.786914	0.156	0.002	0 Platelet	LGALS12
10054 PDE5A	0	0.776152	0.149	0.001	0 Platelet	PDE5A
10055 PBX1.1	0	0.727886	0.129	0.001	0 Platelet	PBX1
10056 TFPI.1	0	0.723896	0.153	0.001	0 Platelet	TFPI
10057 TGFB11.1	0	0.721593	0.149	0.003	0 Platelet	TGFB11
10058 TAL1	0	0.719606	0.136	0.001	0 Platelet	TAL1
10059 LTBP1	0	0.701853	0.159	0.001	0 Platelet	LTBP1
10060 PROS1	0	0.676026	0.129	0.001	0 Platelet	PROS1
10061 XK	0	0.648412	0.105	0.001	0 Platelet	XK
10062 TRAPPC3L	0	0.645258	0.132	0.001	0 Platelet	TRAPPC3L

10063	SPX	0	0.61963	0.125	0.001	0	Platelet	SPX
10064	ENKUR	0	0.613436	0.132	0.001	0	Platelet	ENKUR
10065	ABLIM3	0	0.577759	0.139	0.001	0	Platelet	ABLIM3
10066	AL731557.	0	0.559997	0.146	0.001	0	Platelet	AL731557.1
10067	MFAP3L	0	0.559836	0.132	0.001	0	Platelet	MFAP3L
10068	MEIS1	0	0.547005	0.105	0.001	0	Platelet	MEIS1
10069	OSBP2	0	0.538979	0.115	0.001	0	Platelet	OSBP2
10070	RAB6B	0	0.538569	0.108	0.001	0	Platelet	RAB6B
10071	CTDSPL	0	0.517695	0.112	0.001	0	Platelet	CTDSPL
10072	ITGB3	0	0.514203	0.102	0.001	0	Platelet	ITGB3
10073	LGALSL	0	0.504353	0.108	0.001	0	Platelet	LGALSL
10074	TSPAN9	0	0.481987	0.119	0.001	0	Platelet	TSPAN9
10075	HGD	0	0.45966	0.112	0.001	0	Platelet	HGD
10076	RGS18.1	9.70E-307	2.861806	0.437	0.034	1.82E-302	Platelet	RGS18
10077	LCN2	1.09E-305	0.9679	0.146	0.003	2.05E-301	Platelet	LCN2
10078	GNAZ	2.93E-286	0.542114	0.115	0.002	5.51E-282	Platelet	GNAZ
10079	ABCC3	1.71E-282	1.154383	0.207	0.008	3.21E-278	Platelet	ABCC3
10080	PDZK1IP1.	7.48E-270	0.438153	0.108	0.002	1.40E-265	Platelet	PDZK1IP1
10081	SCN1B	2.41E-252	0.814555	0.132	0.003	4.52E-248	Platelet	SCN1B
10082	RAB27B	5.24E-249	1.808388	0.251	0.013	9.85E-245	Platelet	RAB27B
10083	MAP3K7CL	1.73E-231	1.675312	0.322	0.024	3.25E-227	Platelet	MAP3K7CL
10084	CA2	2.13E-229	1.878124	0.234	0.013	3.99E-225	Platelet	CA2
10085	HIST1H2BJ	1.04E-226	2.526718	0.281	0.019	1.95E-222	Platelet	HIST1H2BJ
10086	LMNA.1	3.19E-217	1.461998	0.254	0.016	5.99E-213	Platelet	LMNA
10087	ZNF185	4.08E-211	0.713503	0.173	0.007	7.67E-207	Platelet	ZNF185
10088	PGRMC1	3.74E-189	2.187786	0.519	0.078	7.03E-185	Platelet	PGRMC1
10089	MGLL.1	3.39E-187	1.028537	0.217	0.013	6.36E-183	Platelet	MGLL
10090	DAB2	1.60E-182	1.862464	0.237	0.016	3.00E-178	Platelet	DAB2
10091	MTURN.1	7.65E-180	0.627167	0.139	0.006	1.44E-175	Platelet	MTURN
10092	MMD	1.44E-178	2.733528	0.397	0.047	2.70E-174	Platelet	MMD
10093	SMIM3.2	6.24E-173	1.664368	0.346	0.037	1.17E-168	Platelet	SMIM3
10094	EGFL7.1	1.27E-171	0.902718	0.142	0.006	2.39E-167	Platelet	EGFL7
10095	MITF	1.08E-163	0.843794	0.115	0.004	2.03E-159	Platelet	MITF
10096	CDKN1A.1	2.66E-150	1.992982	0.356	0.044	5.00E-146	Platelet	CDKN1A
10097	VCL.1	9.08E-148	2.145912	0.447	0.071	1.71E-143	Platelet	VCL
10098	MAP1A.1	4.17E-146	0.529918	0.108	0.004	7.84E-142	Platelet	MAP1A
10099	JAM3	2.69E-144	0.737984	0.169	0.01	5.04E-140	Platelet	JAM3
10100	INKA2	6.61E-141	0.686489	0.108	0.004	1.24E-136	Platelet	INKA2
10101	HIST1H2AC	9.64E-136	3.968754	0.695	0.197	1.81E-131	Platelet	HIST1H2AC
10102	HBD.1	3.16E-135	0.528422	0.102	0.004	5.94E-131	Platelet	HBD
10103	CCL5.6	3.62E-132	1.304054	0.692	0.145	6.79E-128	Platelet	CCL5
10104	SENCR	1.25E-125	0.883991	0.156	0.01	2.35E-121	Platelet	SENCR
10105	FHL1.1	1.42E-123	1.059853	0.251	0.026	2.67E-119	Platelet	FHL1
10106	PARVB.3	5.76E-118	2.408807	0.471	0.096	1.08E-113	Platelet	PARVB
10107	BEX3.5	6.93E-118	2.358398	0.647	0.179	1.30E-113	Platelet	BEX3
10108	Mar-02	4.51E-117	1.369469	0.302	0.04	8.46E-113	Platelet	Mar-02
10109	TPM1.1	1.95E-116	1.524795	0.292	0.037	3.67E-112	Platelet	TPM1

10110	CLDN5	2.02E-109	0.762407	0.132	0.008	3.80E-105	Platelet	CLDN5
10111	CTSA.3	4.20E-109	2.457244	0.658	0.2	7.89E-105	Platelet	CTSA
10112	ARHGAP18	1.02E-108	1.319615	0.264	0.033	1.92E-104	Platelet	ARHGAP18
10113	MPP1.4	1.52E-108	2.650355	0.447	0.094	2.85E-104	Platelet	MPP1
10114	SLC40A1.2	2.38E-105	1.792597	0.38	0.067	4.48E-101	Platelet	SLC40A1
10115	PLA2G12A	1.49E-95	1.697866	0.353	0.064	2.80E-91	Platelet	PLA2G12A
10116	ANXA3.1	1.07E-93	0.701626	0.169	0.016	2.00E-89	Platelet	ANXA3
10117	RUFY1	3.32E-89	1.911191	0.322	0.058	6.23E-85	Platelet	RUFY1
10118	GRAP2.5	3.49E-85	2.180028	0.508	0.14	6.56E-81	Platelet	GRAP2
10119	SMIM1.2	3.52E-80	0.634097	0.163	0.017	6.61E-76	Platelet	SMIM1
10120	TIMP1.4	1.64E-79	1.758147	0.664	0.234	3.07E-75	Platelet	TIMP1
10121	LIMS1.4	6.93E-75	2.23581	0.478	0.139	1.30E-70	Platelet	LIMS1
10122	IGF2BP3	9.52E-65	0.618096	0.146	0.017	1.79E-60	Platelet	IGF2BP3
10123	TMEM140	9.57E-64	1.525931	0.264	0.052	1.80E-59	Platelet	TMEM140
10124	AC008763.1	9.88E-64	0.63682	0.129	0.013	1.86E-59	Platelet	AC008763.1
10125	FTH1.4	2.98E-63	1.268898	1	0.982	5.59E-59	Platelet	FTH1
10126	TPM4.5	3.38E-63	2.504902	0.59	0.242	6.34E-59	Platelet	TPM4
10127	STOM.3	1.27E-62	2.073149	0.397	0.11	2.39E-58	Platelet	STOM
10128	SSX2IP	9.04E-62	0.711316	0.156	0.02	1.70E-57	Platelet	SSX2IP
10129	CTNNAL1	5.63E-61	0.522329	0.108	0.01	1.06E-56	Platelet	CTNNAL1
10130	MINDY1	5.11E-59	0.841855	0.163	0.022	9.59E-55	Platelet	MINDY1
10131	RAB32.1	7.25E-59	1.127453	0.224	0.04	1.36E-54	Platelet	RAB32
10132	NCOA4.4	7.61E-59	2.192631	0.597	0.26	1.43E-54	Platelet	NCOA4
10133	HIST1H2BC	1.77E-58	1.580599	0.224	0.04	3.32E-54	Platelet	HIST1H2BC
10134	PDLIM1.5	7.00E-58	1.953797	0.508	0.181	1.31E-53	Platelet	PDLIM1
10135	ENDOD1	2.16E-57	1.073331	0.237	0.045	4.07E-53	Platelet	ENDOD1
10136	RGS10.4	2.73E-57	1.967448	0.837	0.529	5.14E-53	Platelet	RGS10
10137	CD9.1	7.88E-57	1.34383	0.315	0.075	1.48E-52	Platelet	CD9
10138	TUBA4A.4	1.50E-55	2.157312	0.729	0.407	2.82E-51	Platelet	TUBA4A
10139	GADD45A.	8.58E-52	0.752361	0.166	0.026	1.61E-47	Platelet	GADD45A
10140	AP001636.3	2.48E-51	0.491508	0.115	0.013	4.65E-47	Platelet	AP001636.3
10141	FAH.1	3.95E-51	0.772135	0.166	0.026	7.42E-47	Platelet	FAH
10142	RSU1.1	1.04E-50	1.771263	0.556	0.245	1.96E-46	Platelet	RSU1
10143	F2R.1	1.38E-50	0.804698	0.153	0.022	2.59E-46	Platelet	F2R
10144	FRMD4B.1	1.38E-50	0.997797	0.122	0.015	2.60E-46	Platelet	FRMD4B
10145	INKA1.1	1.47E-50	0.958554	0.163	0.025	2.76E-46	Platelet	INKA1
10146	PADI4.1	2.73E-50	1.038245	0.254	0.056	5.13E-46	Platelet	PADI4
10147	CD226	4.36E-50	0.786895	0.21	0.04	8.20E-46	Platelet	CD226
10148	CALM3.2	2.21E-49	1.529723	0.783	0.508	4.15E-45	Platelet	CALM3
10149	CMIP.1	2.63E-48	1.057631	0.237	0.052	4.93E-44	Platelet	CMIP
10150	SPHK1	3.56E-48	0.494563	0.102	0.011	6.70E-44	Platelet	SPHK1
10151	HIST1H2AC	3.99E-48	0.880573	0.18	0.032	7.50E-44	Platelet	HIST1H2AG
10152	RDH11	1.03E-47	1.237511	0.366	0.113	1.93E-43	Platelet	RDH11
10153	EHD3	4.20E-47	0.550978	0.139	0.02	7.88E-43	Platelet	EHD3
10154	YWHAH.3	1.46E-46	1.668016	0.403	0.142	2.74E-42	Platelet	YWHAH
10155	RAB11A.3	5.57E-46	2.055465	0.627	0.313	1.05E-41	Platelet	RAB11A
10156	HIST1H2BH	8.50E-46	0.577607	0.102	0.012	1.60E-41	Platelet	HIST1H2BH

10157	PTPN18.1	1.17E-45	1.607526	0.366	0.118	2.20E-41	Platelet	PTPN18
10158	MAX.3	1.28E-45	1.695867	0.675	0.384	2.41E-41	Platelet	MAX
10159	TAGLN2.5	1.71E-45	1.87314	0.922	0.771	3.21E-41	Platelet	TAGLN2
10160	ACTN1.5	1.77E-45	1.427789	0.573	0.256	3.33E-41	Platelet	ACTN1
10161	PTK2	2.51E-43	0.705627	0.169	0.031	4.71E-39	Platelet	PTK2
10162	PTGIR	1.79E-42	0.848389	0.132	0.02	3.37E-38	Platelet	PTGIR
10163	ACTR3B	5.54E-42	0.513491	0.139	0.022	1.04E-37	Platelet	ACTR3B
10164	TLN1.4	8.13E-42	1.9762	0.519	0.239	1.53E-37	Platelet	TLN1
10165	CDK2AP1.1	1.63E-41	0.495193	0.132	0.02	3.05E-37	Platelet	CDK2AP1
10166	OST4.3	2.16E-41	1.254908	0.963	0.837	4.06E-37	Platelet	OST4
10167	MFSD1.3	2.71E-40	1.533977	0.447	0.188	5.09E-36	Platelet	MFSD1
10168	PRUNE1	5.41E-40	0.926246	0.247	0.064	1.02E-35	Platelet	PRUNE1
10169	MOB1B	1.35E-39	0.803007	0.146	0.025	2.54E-35	Platelet	MOB1B
10170	HEMGN.1	1.63E-39	0.469464	0.119	0.017	3.06E-35	Platelet	HEMGN
10171	EIF2AK1.1	5.12E-39	1.627666	0.407	0.159	9.61E-35	Platelet	EIF2AK1
10172	GTPBP2	1.34E-38	0.587904	0.125	0.02	2.52E-34	Platelet	GTPBP2
10173	ABHD4	3.02E-38	0.523685	0.119	0.018	5.68E-34	Platelet	ABHD4
10174	AGPAT1	4.28E-38	0.79843	0.295	0.089	8.05E-34	Platelet	AGPAT1
10175	KIF2A.4	4.75E-38	1.668081	0.583	0.308	8.93E-34	Platelet	KIF2A
10176	CD151.2	6.06E-38	1.116909	0.322	0.104	1.14E-33	Platelet	CD151
10177	NAP1L1.3	9.59E-38	1.749805	0.715	0.457	1.80E-33	Platelet	NAP1L1
10178	SIAE	1.00E-37	0.484153	0.102	0.014	1.89E-33	Platelet	SIAE
10179	TUBA1C.2	2.08E-37	1.357299	0.312	0.101	3.91E-33	Platelet	TUBA1C
10180	PSTPIP2.1	3.90E-37	0.876695	0.176	0.037	7.32E-33	Platelet	PSTPIP2
10181	HIST1H4H	1.27E-36	1.654301	0.132	0.022	2.39E-32	Platelet	HIST1H4H
10182	ITM2B.5	1.69E-35	1.059718	0.976	0.884	3.18E-31	Platelet	ITM2B
10183	CORO1C.1	1.69E-35	0.845676	0.18	0.04	3.18E-31	Platelet	CORO1C
10184	BCL2L1.2	1.72E-35	1.049486	0.271	0.081	3.23E-31	Platelet	BCL2L1
10185	P2RX1.2	3.64E-35	0.78976	0.186	0.043	6.84E-31	Platelet	P2RX1
10186	GSN.2	3.87E-35	1.239633	0.247	0.07	7.27E-31	Platelet	GSN
10187	SLA2.1	1.03E-34	0.695338	0.227	0.06	1.94E-30	Platelet	SLA2
10188	WBP2.1	2.35E-34	1.228026	0.553	0.28	4.41E-30	Platelet	WBP2
10189	RNF11.1	2.77E-34	0.775853	0.268	0.08	5.21E-30	Platelet	RNF11
10190	NT5C3A.2	1.31E-33	2.111913	0.454	0.21	2.47E-29	Platelet	NT5C3A
10191	ETFA.1	1.51E-33	1.661221	0.481	0.237	2.83E-29	Platelet	ETFA
10192	HIST1H2BK	4.23E-33	0.905102	0.312	0.104	7.94E-29	Platelet	HIST1H2BK
10193	TMEM91.1	4.60E-33	0.781612	0.197	0.048	8.65E-29	Platelet	TMEM91
10194	PKM.3	5.75E-33	1.302229	0.824	0.612	1.08E-28	Platelet	PKM
10195	ILK.4	1.29E-32	1.832967	0.505	0.257	2.41E-28	Platelet	ILK
10196	ADIPOR1.1	1.79E-31	1.470584	0.495	0.251	3.37E-27	Platelet	ADIPOR1
10197	ANO6.1	2.41E-31	0.836663	0.241	0.072	4.52E-27	Platelet	ANO6
10198	PRDX6.1	3.56E-31	1.254441	0.702	0.448	6.69E-27	Platelet	PRDX6
10199	OAZ1.4	3.63E-31	1.598936	0.98	0.938	6.82E-27	Platelet	OAZ1
10200	CYB5R3.2	1.47E-30	1.389703	0.478	0.24	2.76E-26	Platelet	CYB5R3
10201	PRKAR1B	1.61E-30	0.803564	0.271	0.089	3.02E-26	Platelet	PRKAR1B
10202	CD99.4	8.50E-30	1.134417	0.797	0.539	1.60E-25	Platelet	CD99
10203	TM6SF1	2.55E-29	0.427724	0.112	0.02	4.78E-25	Platelet	TM6SF1

10204	DAP	2.98E-29	0.868431	0.322	0.122	5.60E-25	Platelet	DAP
10205	PIP4P2.1	7.75E-29	0.898082	0.244	0.077	1.46E-24	Platelet	PIP4P2
10206	SNN.1	1.05E-28	0.888126	0.22	0.066	1.98E-24	Platelet	SNN
10207	DAPP1.1	1.24E-28	0.998353	0.278	0.097	2.33E-24	Platelet	DAPP1
10208	NFE2.3	1.71E-28	1.889455	0.207	0.06	3.22E-24	Platelet	NFE2
10209	CD68.5	2.84E-28	0.682597	0.302	0.101	5.34E-24	Platelet	CD68
10210	XPNPEP1	3.87E-28	1.065945	0.275	0.097	7.27E-24	Platelet	XPNPEP1
10211	CARD19.2	1.69E-27	1.223829	0.261	0.09	3.18E-23	Platelet	CARD19
10212	WDR1.2	2.38E-27	1.200859	0.715	0.506	4.47E-23	Platelet	WDR1
10213	MYL12A.5	3.82E-27	0.893366	0.986	0.946	7.17E-23	Platelet	MYL12A
10214	FERMT3.4	4.94E-27	1.77987	0.597	0.371	9.29E-23	Platelet	FERMT3
10215	PYGL.2	2.08E-26	0.848142	0.176	0.047	3.90E-22	Platelet	PYGL
10216	RIOK3.2	3.40E-26	1.317083	0.4	0.185	6.38E-22	Platelet	RIOK3
10217	ODC1.3	4.37E-26	1.12182	0.363	0.161	8.20E-22	Platelet	ODC1
10218	MLH3	9.67E-26	0.573945	0.159	0.04	1.82E-21	Platelet	MLH3
10219	RPL37A.3	1.24E-25	-0.75148	0.634	0.839	2.32E-21	Platelet	RPL37A
10220	GPX4.4	1.26E-25	1.338128	0.814	0.602	2.36E-21	Platelet	GPX4
10221	PNMA1.1	3.18E-25	0.687518	0.186	0.053	5.98E-21	Platelet	PNMA1
10222	TUBB4B.2	3.60E-25	0.917958	0.42	0.201	6.75E-21	Platelet	TUBB4B
10223	TST.1	5.92E-25	0.557581	0.125	0.028	1.11E-20	Platelet	TST
10224	RPL37.5	5.94E-25	-0.59357	0.831	0.981	1.12E-20	Platelet	RPL37
10225	TMBIM1.1	8.58E-25	1.278002	0.397	0.19	1.61E-20	Platelet	TMBIM1
10226	RNF24.2	8.62E-25	0.935321	0.183	0.053	1.62E-20	Platelet	RNF24
10227	YWHAZ.5	1.24E-24	0.959643	0.942	0.803	2.32E-20	Platelet	YWHAZ
10228	DERA	1.29E-24	1.146782	0.292	0.116	2.42E-20	Platelet	DERA
10229	LAMTOR1.	1.50E-24	1.243925	0.654	0.445	2.82E-20	Platelet	LAMTOR1
10230	H3F3A.3	1.81E-24	1.125292	0.993	0.95	3.40E-20	Platelet	H3F3A
10231	PPP1R14A.	5.97E-24	0.726317	0.261	0.092	1.12E-19	Platelet	PPP1R14A
10232	TPST2.3	4.97E-23	1.487673	0.447	0.237	9.33E-19	Platelet	TPST2
10233	MIR4435-2	6.75E-23	0.717456	0.207	0.067	1.27E-18	Platelet	MIR4435-2HG
10234	SPINT2.4	7.08E-23	0.98056	0.478	0.265	1.33E-18	Platelet	SPINT2
10235	ABO	7.60E-23	0.409841	0.119	0.026	1.43E-18	Platelet	ABO
10236	HK1.2	1.79E-22	0.890436	0.339	0.153	3.37E-18	Platelet	HK1
10237	ASAH1.3	3.38E-22	1.103856	0.508	0.293	6.35E-18	Platelet	ASAH1
10238	AIG1	3.92E-22	0.572736	0.18	0.054	7.37E-18	Platelet	AIG1
10239	HLA-E.5	4.07E-22	0.653985	0.99	0.956	7.64E-18	Platelet	HLA-E
10240	RAB31.3	5.74E-22	0.829747	0.278	0.108	1.08E-17	Platelet	RAB31
10241	NCK1-DT	7.13E-22	0.492824	0.105	0.022	1.34E-17	Platelet	NCK1-DT
10242	APP.2	8.53E-22	0.679463	0.264	0.101	1.60E-17	Platelet	APP
10243	LEPROT.2	1.23E-21	0.883217	0.268	0.107	2.30E-17	Platelet	LEPROT
10244	MCTP1.1	2.19E-21	0.351615	0.105	0.023	4.12E-17	Platelet	MCTP1
10245	MTHFD2L.	2.99E-21	0.657493	0.231	0.083	5.61E-17	Platelet	MTHFD2L
10246	MCUR1.1	4.30E-21	0.653414	0.261	0.103	8.08E-17	Platelet	MCUR1
10247	TUBA1B.4	6.83E-21	0.727944	0.753	0.516	1.28E-16	Platelet	TUBA1B
10248	SWI5	9.10E-21	0.663027	0.22	0.079	1.71E-16	Platelet	SWI5
10249	VDAC3.3	1.17E-20	1.033382	0.505	0.307	2.19E-16	Platelet	VDAC3
10250	RPL34.5	1.95E-20	-0.51288	0.868	0.996	3.67E-16	Platelet	RPL34

10251	LAT.5	2.12E-20	0.818159	0.654	0.423	3.99E-16	Platelet	LAT
10252	RPL36A.5	2.37E-20	-0.72816	0.593	0.805	4.45E-16	Platelet	RPL36A
10253	RPS29.3	2.93E-20	-0.78509	0.614	0.832	5.51E-16	Platelet	RPS29
10254	CRAT	3.05E-20	0.443259	0.142	0.039	5.72E-16	Platelet	CRAT
10255	MYL6.4	3.10E-20	1.226305	0.966	0.947	5.82E-16	Platelet	MYL6
10256	NPTN.3	3.46E-20	1.08219	0.383	0.199	6.50E-16	Platelet	NPTN
10257	HIST1H2AE	3.73E-20	0.58054	0.105	0.024	7.00E-16	Platelet	HIST1H2AE
10258	ACTB.5	4.40E-20	0.891935	1	0.999	8.27E-16	Platelet	ACTB
10259	RPS27.5	4.80E-20	-0.52117	0.919	0.994	9.03E-16	Platelet	RPS27
10260	HIST1H1C.	5.01E-20	1.275947	0.346	0.166	9.41E-16	Platelet	HIST1H1C
10261	RAP1B.4	1.20E-19	1.907505	0.756	0.624	2.26E-15	Platelet	RAP1B
10262	WRB	1.52E-19	0.607709	0.207	0.074	2.86E-15	Platelet	WRB
10263	TMSB10.4	1.61E-19	-0.43659	0.912	0.998	3.02E-15	Platelet	TMSB10
10264	CLIC4.2	3.56E-19	0.564502	0.166	0.052	6.68E-15	Platelet	CLIC4
10265	CCND3.5	4.23E-19	1.207143	0.739	0.586	7.94E-15	Platelet	CCND3
10266	KIAA0513.	4.52E-19	0.594196	0.119	0.031	8.49E-15	Platelet	KIAA0513
10267	SNAP23.3	4.84E-19	0.844972	0.468	0.27	9.09E-15	Platelet	SNAP23
10268	SH3BGRL3	6.85E-19	0.877666	0.983	0.94	1.29E-14	Platelet	SH3BGRL3
10269	SOD2.4	7.24E-19	0.821666	0.376	0.191	1.36E-14	Platelet	SOD2
10270	IFRD1	7.86E-19	1.29256	0.278	0.122	1.48E-14	Platelet	IFRD1
10271	ARF1.3	2.00E-18	1.001853	0.756	0.626	3.75E-14	Platelet	ARF1
10272	SERPINE2.	3.63E-18	0.433705	0.149	0.045	6.83E-14	Platelet	SERPINE2
10273	TBXA2R	4.37E-18	0.379577	0.122	0.032	8.21E-14	Platelet	TBXA2R
10274	H2AFJ.2	4.42E-18	1.134162	0.397	0.216	8.30E-14	Platelet	H2AFJ
10275	ITGB1.4	5.20E-18	0.808123	0.386	0.2	9.77E-14	Platelet	ITGB1
10276	NORAD.3	5.26E-18	0.987582	0.315	0.153	9.89E-14	Platelet	NORAD
10277	ATP5F1E.4	7.69E-18	-0.43957	0.932	0.973	1.45E-13	Platelet	ATP5F1E
10278	RPS21.5	8.39E-18	-0.48563	0.851	0.988	1.58E-13	Platelet	RPS21
10279	CAPZA2.4	1.29E-17	1.052381	0.546	0.347	2.43E-13	Platelet	CAPZA2
10280	TMEM50A	1.93E-17	0.839145	0.664	0.481	3.62E-13	Platelet	TMEM50A
10281	TXNL4B	2.32E-17	0.537149	0.105	0.026	4.36E-13	Platelet	TXNL4B
10282	VIM-AS1	2.32E-17	0.498175	0.186	0.066	4.36E-13	Platelet	VIM-AS1
10283	RPLP1.5	3.35E-17	-0.37001	0.953	0.998	6.29E-13	Platelet	RPLP1
10284	R3HDM4.1	4.17E-17	0.851795	0.553	0.353	7.84E-13	Platelet	R3HDM4
10285	SLC44A2.4	4.45E-17	0.70326	0.532	0.334	8.36E-13	Platelet	SLC44A2
10286	CLCN3	4.94E-17	0.599501	0.203	0.077	9.28E-13	Platelet	CLCN3
10287	MAPRE2.4	5.62E-17	0.899011	0.369	0.199	1.06E-12	Platelet	MAPRE2
10288	TAX1BP3	6.10E-17	0.367753	0.122	0.034	1.15E-12	Platelet	TAX1BP3
10289	RPL35.4	6.59E-17	-0.41523	0.861	0.983	1.24E-12	Platelet	RPL35
10290	ANKRD28.	7.82E-17	0.382228	0.108	0.028	1.47E-12	Platelet	ANKRD28
10291	RPLP2.4	8.17E-17	-0.45877	0.82	0.97	1.54E-12	Platelet	RPLP2
10292	RPL27.3	9.06E-17	-0.44222	0.824	0.953	1.70E-12	Platelet	RPL27
10293	RPS28.5	9.07E-17	-0.42191	0.902	0.995	1.70E-12	Platelet	RPS28
10294	ATP2C1.1	1.09E-16	0.511198	0.142	0.044	2.05E-12	Platelet	ATP2C1
10295	RAB4A.1	1.43E-16	0.764148	0.346	0.18	2.68E-12	Platelet	RAB4A
10296	CNST.3	1.44E-16	1.344636	0.322	0.163	2.70E-12	Platelet	CNST
10297	FAM110A.	1.47E-16	1.332459	0.295	0.141	2.76E-12	Platelet	FAM110A

10298	RAB37.4	1.55E-16	0.685801	0.315	0.152	2.92E-12	Platelet	RAB37
10299	KIFAP3	1.56E-16	0.521217	0.207	0.079	2.94E-12	Platelet	KIFAP3
10300	RPS14.5	2.13E-16	-0.41541	0.878	0.992	3.99E-12	Platelet	RPS14
10301	RPL39.4	2.21E-16	-0.50951	0.888	0.998	4.16E-12	Platelet	RPL39
10302	CYB5R1	3.52E-16	0.767119	0.244	0.107	6.61E-12	Platelet	CYB5R1
10303	S100A11.4	4.26E-16	-1.93174	0.271	0.47	8.01E-12	Platelet	S100A11
10304	UBL4A	4.74E-16	0.67526	0.268	0.124	8.90E-12	Platelet	UBL4A
10305	YPEL5.1	4.76E-16	0.980029	0.431	0.257	8.94E-12	Platelet	YPEL5
10306	C12orf75.5	4.98E-16	0.867437	0.38	0.2	9.35E-12	Platelet	C12orf75
10307	MTPN.5	5.19E-16	0.74642	0.539	0.352	9.76E-12	Platelet	MTPN
10308	PFDN5.2	6.31E-16	-0.3967	0.861	0.979	1.19E-11	Platelet	PFDN5
10309	SLC39A3.1	6.59E-16	0.461996	0.197	0.075	1.24E-11	Platelet	SLC39A3
10310	SSBP2.4	7.52E-16	0.725953	0.278	0.129	1.41E-11	Platelet	SSBP2
10311	GLA.1	8.06E-16	0.669426	0.146	0.049	1.51E-11	Platelet	GLA
10312	AKIRIN2.3	8.55E-16	1.209906	0.366	0.206	1.61E-11	Platelet	AKIRIN2
10313	TLK1.1	1.06E-15	0.841425	0.329	0.171	1.99E-11	Platelet	TLK1
10314	RPL21.3	1.23E-15	-0.42994	0.858	0.97	2.31E-11	Platelet	RPL21
10315	STRN4.1	1.38E-15	0.501709	0.132	0.041	2.59E-11	Platelet	STRN4
10316	MT-ND3.3	1.40E-15	-0.54121	0.854	0.972	2.63E-11	Platelet	MT-ND3
10317	CYBA.6	1.45E-15	-0.74812	0.566	0.732	2.72E-11	Platelet	CYBA
10318	LDLRAP1.5	1.62E-15	0.55256	0.505	0.299	3.04E-11	Platelet	LDLRAP1
10319	SERF2.4	3.34E-15	0.495488	1	0.987	6.27E-11	Platelet	SERF2
10320	RPSA.3	5.82E-15	-0.43775	0.807	0.94	1.09E-10	Platelet	RPSA
10321	PTTG1IP.3	6.06E-15	0.720083	0.295	0.145	1.14E-10	Platelet	PTTG1IP
10322	HACD4.4	6.34E-15	0.847243	0.393	0.232	1.19E-10	Platelet	HACD4
10323	FKBP1A.4	1.20E-14	0.862454	0.736	0.582	2.25E-10	Platelet	FKBP1A
10324	GCLM	1.39E-14	0.571098	0.166	0.062	2.61E-10	Platelet	GCLM
10325	RHOA.4	1.39E-14	0.511217	0.963	0.873	2.62E-10	Platelet	RHOA
10326	TALDO1.3	1.42E-14	0.833884	0.661	0.482	2.67E-10	Platelet	TALDO1
10327	G3BP2.1	1.64E-14	0.690796	0.441	0.265	3.09E-10	Platelet	G3BP2
10328	RTN3.4	1.91E-14	0.910032	0.329	0.18	3.59E-10	Platelet	RTN3
10329	BIN2.4	4.65E-14	0.939318	0.641	0.496	8.73E-10	Platelet	BIN2
10330	AKIRIN1.2	5.40E-14	0.557902	0.376	0.208	1.01E-09	Platelet	AKIRIN1
10331	RIT1	5.56E-14	0.608146	0.163	0.062	1.05E-09	Platelet	RIT1
10332	BCAP31.1	5.59E-14	0.497049	0.702	0.535	1.05E-09	Platelet	BCAP31
10333	C12orf76.1	5.71E-14	0.748897	0.261	0.126	1.07E-09	Platelet	C12orf76
10334	ARRB1.1	5.86E-14	0.606364	0.142	0.05	1.10E-09	Platelet	ARRB1
10335	S100A10.4	6.36E-14	-1.08278	0.475	0.622	1.20E-09	Platelet	S100A10
10336	ARPC1B.3	6.94E-14	0.778307	0.651	0.476	1.30E-09	Platelet	ARPC1B
10337	SCFD2	8.92E-14	0.317794	0.139	0.047	1.68E-09	Platelet	SCFD2
10338	MT-ND5.2	1.01E-13	-0.62047	0.576	0.716	1.89E-09	Platelet	MT-ND5
10339	MYH9.3	1.29E-13	0.784658	0.617	0.462	2.42E-09	Platelet	MYH9
10340	DNAJB6.3	1.34E-13	1.01954	0.441	0.284	2.51E-09	Platelet	DNAJB6
10341	PDLIM7.1	1.66E-13	0.486655	0.139	0.048	3.12E-09	Platelet	PDLIM7
10342	RPS8.5	1.79E-13	-0.37576	0.861	0.992	3.36E-09	Platelet	RPS8
10343	KCTD20	1.79E-13	0.512961	0.197	0.082	3.37E-09	Platelet	KCTD20
10344	COX7C.4	2.16E-13	-0.41448	0.746	0.894	4.05E-09	Platelet	COX7C

10345	SUPT4H1.4	2.17E-13	0.720046	0.505	0.332	4.08E-09	Platelet	SUPT4H1
10346	IKBKG.1	2.39E-13	0.730213	0.247	0.121	4.48E-09	Platelet	IKBKG
10347	ADI1.1	2.94E-13	0.611285	0.373	0.213	5.53E-09	Platelet	ADI1
10348	PGD.5	3.01E-13	0.478794	0.386	0.219	5.66E-09	Platelet	PGD
10349	UBAC2.3	4.13E-13	0.629931	0.471	0.296	7.75E-09	Platelet	UBAC2
10350	EPOR	4.25E-13	0.360359	0.119	0.039	7.99E-09	Platelet	EPOR
10351	PYCR2.3	4.69E-13	0.597721	0.281	0.145	8.81E-09	Platelet	PYCR2
10352	S100A4.5	5.31E-13	-1.87878	0.41	0.54	9.98E-09	Platelet	S100A4
10353	RPL41.3	5.33E-13	-0.31239	0.956	0.999	1.00E-08	Platelet	RPL41
10354	CAPN1.2	6.09E-13	0.930616	0.353	0.207	1.14E-08	Platelet	CAPN1
10355	GSTO1.5	7.04E-13	1.618098	0.434	0.289	1.32E-08	Platelet	GSTO1
10356	INSIG1.2	7.31E-13	1.224389	0.244	0.119	1.37E-08	Platelet	INSIG1
10357	LPAR5.1	7.38E-13	0.385533	0.142	0.051	1.39E-08	Platelet	LPAR5
10358	MTFR1L	8.00E-13	0.513363	0.193	0.083	1.50E-08	Platelet	MTFR1L
10359	DSE	8.56E-13	0.309147	0.102	0.03	1.61E-08	Platelet	DSE
10360	RPL36.5	9.12E-13	-0.38787	0.871	0.99	1.71E-08	Platelet	RPL36
10361	S100A6.5	9.37E-13	-1.42447	0.661	0.752	1.76E-08	Platelet	S100A6
10362	MIGA2	1.06E-12	0.342206	0.136	0.047	1.99E-08	Platelet	MIGA2
10363	LYPLAL1	1.19E-12	0.718275	0.227	0.108	2.23E-08	Platelet	LYPLAL1
10364	CD36.1	1.30E-12	0.579369	0.149	0.055	2.44E-08	Platelet	CD36
10365	ICAM2.3	1.34E-12	1.166728	0.536	0.387	2.53E-08	Platelet	ICAM2
10366	SSFA2.1	1.39E-12	0.536885	0.125	0.044	2.62E-08	Platelet	SSFA2
10367	CAPZB.4	1.68E-12	0.611722	0.847	0.736	3.16E-08	Platelet	CAPZB
10368	LXN	1.77E-12	0.452238	0.105	0.033	3.32E-08	Platelet	LXN
10369	TANGO2	2.10E-12	0.435191	0.169	0.069	3.95E-08	Platelet	TANGO2
10370	UBA52.1	2.23E-12	-0.35198	0.888	0.955	4.18E-08	Platelet	UBA52
10371	UQCRH.3	2.34E-12	0.558445	0.895	0.771	4.39E-08	Platelet	UQCRH
10372	AHNAK.4	3.08E-12	-0.80569	0.085	0.259	5.78E-08	Platelet	AHNAK
10373	NDUFAF3.1	3.37E-12	0.764232	0.553	0.406	6.33E-08	Platelet	NDUFAF3
10374	ARHGDIB.3	3.38E-12	0.393796	0.993	0.961	6.34E-08	Platelet	ARHGDIB
10375	SAT1.3	3.76E-12	0.590757	0.6	0.436	7.06E-08	Platelet	SAT1
10376	MT-CO3.2	4.47E-12	-0.37598	0.936	0.952	8.39E-08	Platelet	MT-CO3
10377	SRGN.5	4.48E-12	1.110825	0.58	0.404	8.42E-08	Platelet	SRGN
10378	SPNS1	4.60E-12	0.743183	0.231	0.115	8.63E-08	Platelet	SPNS1
10379	SEC14L1.2	4.63E-12	1.289048	0.281	0.156	8.70E-08	Platelet	SEC14L1
10380	NUTM2A-AS1	5.16E-12	0.775168	0.288	0.157	9.69E-08	Platelet	NUTM2A-AS1
10381	PSME1.2	5.69E-12	-0.41604	0.749	0.861	1.07E-07	Platelet	PSME1
10382	RASGRP2.5	5.79E-12	0.974628	0.671	0.524	1.09E-07	Platelet	RASGRP2
10383	C9orf16.4	5.84E-12	0.643118	0.725	0.595	1.10E-07	Platelet	C9orf16
10384	MKRN1.2	6.00E-12	0.790339	0.359	0.22	1.13E-07	Platelet	MKRN1
10385	GNAS.1	6.00E-12	0.64363	0.502	0.344	1.13E-07	Platelet	GNAS
10386	JUNB.4	6.25E-12	-0.8338	0.417	0.573	1.17E-07	Platelet	JUNB
10387	ABHD16A	6.29E-12	0.56137	0.231	0.111	1.18E-07	Platelet	ABHD16A
10388	TMA7.3	6.33E-12	-0.3954	0.844	0.927	1.19E-07	Platelet	TMA7
10389	PNP	1.18E-11	0.529769	0.302	0.165	2.21E-07	Platelet	PNP
10390	CAPN2.5	1.35E-11	0.711128	0.339	0.2	2.54E-07	Platelet	CAPN2
10391	RPL26.4	1.37E-11	-0.36683	0.871	0.99	2.58E-07	Platelet	RPL26

10392	WIPI1.1	1.53E-11	0.486181	0.108	0.037	2.88E-07	Platelet	WIPI1
10393	CD52.6	1.54E-11	-0.49535	0.675	0.827	2.90E-07	Platelet	CD52
10394	EMC3.1	1.64E-11	0.662987	0.322	0.19	3.08E-07	Platelet	EMC3
10395	PPDPF.2	1.67E-11	0.573346	0.878	0.805	3.13E-07	Platelet	PPDPF
10396	RPL38.4	1.92E-11	-0.45557	0.637	0.816	3.61E-07	Platelet	RPL38
10397	MAP4K2.1	2.15E-11	0.565844	0.292	0.159	4.04E-07	Platelet	MAP4K2
10398	SQSTM1.3	2.44E-11	0.697666	0.576	0.44	4.59E-07	Platelet	SQSTM1
10399	ANXA1.6	2.45E-11	-0.97221	0.18	0.351	4.61E-07	Platelet	ANXA1
10400	NDUFA6.4	2.57E-11	0.973862	0.529	0.394	4.83E-07	Platelet	NDUFA6
10401	IL6ST.4	3.03E-11	0.562611	0.315	0.177	5.70E-07	Platelet	IL6ST
10402	CRYL1.1	3.72E-11	0.461518	0.186	0.084	6.99E-07	Platelet	CRYL1
10403	MSN.3	3.96E-11	0.479039	0.644	0.48	7.43E-07	Platelet	MSN
10404	RPS11.4	4.44E-11	-0.40111	0.705	0.815	8.35E-07	Platelet	RPS11
10405	ABI1.2	4.66E-11	0.661194	0.386	0.24	8.75E-07	Platelet	ABI1
10406	RAB8A.2	4.77E-11	0.646683	0.403	0.266	8.96E-07	Platelet	RAB8A
10407	ARL8B	4.85E-11	0.757288	0.254	0.136	9.12E-07	Platelet	ARL8B
10408	RIPOR2.3	4.86E-11	1.112047	0.715	0.595	9.12E-07	Platelet	RIPOR2
10409	LGALS1.4	4.89E-11	-1.5768	0.078	0.231	9.19E-07	Platelet	LGALS1
10410	RPL23A.3	6.45E-11	-0.34171	0.824	0.964	1.21E-06	Platelet	RPL23A
10411	RPL28.3	7.08E-11	-0.29681	0.881	0.998	1.33E-06	Platelet	RPL28
10412	COX6C.2	9.39E-11	-0.41652	0.631	0.77	1.76E-06	Platelet	COX6C
10413	SEPT11.1	9.49E-11	0.466874	0.156	0.066	1.78E-06	Platelet	Sep-11
10414	CENPT.1	1.11E-10	0.511232	0.285	0.158	2.08E-06	Platelet	CENPT
10415	RPS16.3	1.15E-10	-0.3716	0.803	0.926	2.15E-06	Platelet	RPS16
10416	MT2A.3	1.30E-10	-0.91058	0.193	0.359	2.45E-06	Platelet	MT2A
10417	RPL13A.2	1.42E-10	-0.49342	0.597	0.719	2.66E-06	Platelet	RPL13A
10418	MAST4	1.82E-10	0.3081	0.105	0.036	3.42E-06	Platelet	MAST4
10419	NPEPPS.1	1.85E-10	0.493602	0.312	0.18	3.47E-06	Platelet	NPEPPS
10420	LITAF.4	1.87E-10	-0.61852	0.39	0.546	3.52E-06	Platelet	LITAF
10421	RAB1B.1	2.18E-10	0.713717	0.407	0.273	4.09E-06	Platelet	RAB1B
10422	GTF3C6.1	2.31E-10	0.489952	0.417	0.268	4.35E-06	Platelet	GTF3C6
10423	MAGED2.3	2.45E-10	0.588481	0.353	0.22	4.60E-06	Platelet	MAGED2
10424	STIM1	2.60E-10	0.515376	0.244	0.129	4.89E-06	Platelet	STIM1
10425	ARPC5.4	3.03E-10	0.51616	0.756	0.623	5.69E-06	Platelet	ARPC5
10426	PPM1A	3.13E-10	0.544833	0.176	0.08	5.88E-06	Platelet	PPM1A
10427	GNAQ.1	3.21E-10	0.314019	0.115	0.042	6.02E-06	Platelet	GNAQ
10428	TGFB1.5	3.67E-10	0.729144	0.417	0.286	6.90E-06	Platelet	TGFB1
10429	BNIP3L.2	3.74E-10	0.703567	0.451	0.31	7.03E-06	Platelet	BNIP3L
10430	TTC33	4.90E-10	0.339584	0.115	0.043	9.20E-06	Platelet	TTC33
10431	NCK2	5.16E-10	0.393747	0.136	0.055	9.70E-06	Platelet	NCK2
10432	TACC3.3	5.51E-10	0.497597	0.329	0.196	1.03E-05	Platelet	TACC3
10433	CDIP1	5.89E-10	0.367275	0.203	0.099	1.11E-05	Platelet	CDIP1
10434	IPO11.1	6.46E-10	0.304925	0.102	0.035	1.21E-05	Platelet	IPO11
10435	ANXA2.5	7.42E-10	-0.8666	0.149	0.305	1.39E-05	Platelet	ANXA2
10436	ATP5MC2.1	1.01E-09	-0.33253	0.854	0.945	1.90E-05	Platelet	ATP5MC2
10437	CMTM6.2	1.08E-09	1.07711	0.444	0.325	2.03E-05	Platelet	CMTM6
10438	CALM1.6	1.18E-09	0.310725	0.956	0.879	2.22E-05	Platelet	CALM1

10439	HIGD2A.4	1.20E-09	-0.42246	0.529	0.67	2.26E-05	Platelet	HIGD2A
10440	CCNG1.3	1.31E-09	0.639987	0.342	0.213	2.46E-05	Platelet	CCNG1
10441	RYBP	1.35E-09	0.527095	0.119	0.046	2.54E-05	Platelet	RYBP
10442	RPL36AL.3	1.45E-09	-0.32629	0.803	0.901	2.72E-05	Platelet	RPL36AL
10443	DOK2.6	1.52E-09	0.528141	0.356	0.221	2.86E-05	Platelet	DOK2
10444	TBPL1	1.56E-09	1.208467	0.275	0.162	2.93E-05	Platelet	TBPL1
10445	UXS1.1	1.89E-09	0.400794	0.247	0.133	3.56E-05	Platelet	UXS1
10446	CORO1A.3	1.91E-09	-0.33189	0.786	0.923	3.59E-05	Platelet	CORO1A
10447	TSPOAP1-4	2.02E-09	0.342743	0.122	0.049	3.80E-05	Platelet	TSPOAP1-AS1
10448	EIF4G2.1	2.03E-09	0.476462	0.62	0.48	3.82E-05	Platelet	EIF4G2
10449	ZYX.4	2.19E-09	1.096398	0.522	0.394	4.12E-05	Platelet	ZYX
10450	ZFP36L2.5	2.29E-09	-0.54941	0.481	0.63	4.31E-05	Platelet	ZFP36L2
10451	NDUFB2.3	2.36E-09	-0.46666	0.508	0.641	4.43E-05	Platelet	NDUFB2
10452	ITFG1	2.37E-09	0.506261	0.264	0.15	4.45E-05	Platelet	ITFG1
10453	TPM3.4	2.58E-09	0.61182	0.824	0.728	4.84E-05	Platelet	TPM3
10454	CTSS.3	2.66E-09	-0.94434	0.207	0.361	5.00E-05	Platelet	CTSS
10455	PTPN12.1	2.68E-09	0.342435	0.119	0.047	5.03E-05	Platelet	PTPN12
10456	YIF1B.4	2.95E-09	0.692568	0.308	0.192	5.54E-05	Platelet	YIF1B
10457	LSP1.4	2.95E-09	-0.39538	0.715	0.818	5.54E-05	Platelet	LSP1
10458	SVIP.1	3.03E-09	0.413931	0.21	0.106	5.69E-05	Platelet	SVIP
10459	RPL23.3	3.29E-09	-0.44134	0.522	0.655	6.17E-05	Platelet	RPL23
10460	FGR.4	3.39E-09	-0.72268	0.085	0.226	6.36E-05	Platelet	FGR
10461	THEMIS2.3	3.44E-09	-0.45664	0.037	0.166	6.47E-05	Platelet	THEMIS2
10462	GSTP1.5	3.48E-09	-0.70843	0.393	0.531	6.54E-05	Platelet	GSTP1
10463	EPS15L1	3.72E-09	0.443559	0.203	0.103	6.99E-05	Platelet	EPS15L1
10464	RPL35A.5	5.41E-09	-0.2797	0.942	0.989	0.000102	Platelet	RPL35A
10465	INF2	5.51E-09	0.345018	0.136	0.058	0.000104	Platelet	INF2
10466	CEP44	5.55E-09	0.308329	0.102	0.037	0.000104	Platelet	CEP44
10467	RPS15A.4	5.58E-09	-0.29396	0.929	0.997	0.000105	Platelet	RPS15A
10468	TRAPPC1.2	5.69E-09	0.471865	0.719	0.609	0.000107	Platelet	TRAPPC1
10469	RPS25.4	5.76E-09	-0.29228	0.875	0.992	0.000108	Platelet	RPS25
10470	SNRPN.3	5.78E-09	0.419107	0.492	0.344	0.000109	Platelet	SNRPN
10471	FLNA.6	6.35E-09	0.857651	0.485	0.351	0.000119	Platelet	FLNA
10472	SUSD3.6	6.49E-09	0.387153	0.366	0.23	0.000122	Platelet	SUSD3
10473	ARF4.1	6.56E-09	1.015689	0.4	0.277	0.000123	Platelet	ARF4
10474	NUTF2.2	6.73E-09	0.580234	0.488	0.364	0.000126	Platelet	NUTF2
10475	UQCRCQ.4	6.76E-09	-0.44996	0.322	0.481	0.000127	Platelet	UQCRCQ
10476	YWHAE.4	6.76E-09	0.587139	0.386	0.262	0.000127	Platelet	YWHAE
10477	UBA7	6.84E-09	0.365396	0.251	0.139	0.000128	Platelet	UBA7
10478	TOMM7.4	7.74E-09	-0.38423	0.692	0.822	0.000145	Platelet	TOMM7
10479	RAC1.3	8.14E-09	0.59746	0.637	0.496	0.000153	Platelet	RAC1
10480	ANXA7	8.55E-09	0.446861	0.437	0.299	0.000161	Platelet	ANXA7
10481	GLUL.4	1.01E-08	0.826879	0.285	0.17	0.00019	Platelet	GLUL
10482	RBM3.1	1.05E-08	-0.45968	0.468	0.583	0.000198	Platelet	RBM3
10483	GNB5.1	1.08E-08	0.345455	0.18	0.087	0.000203	Platelet	GNB5
10484	TMEM219	1.12E-08	0.565214	0.525	0.396	0.000211	Platelet	TMEM219
10485	SMAP2.4	1.13E-08	-0.44936	0.105	0.245	0.000213	Platelet	SMAP2

10486	HTATIP2.2	1.13E-08	0.598707	0.312	0.195	0.000213	Platelet	HTATIP2
10487	PCNP.1	1.24E-08	0.398246	0.437	0.302	0.000232	Platelet	PCNP
10488	PDCD10.1	1.30E-08	0.951932	0.414	0.295	0.000244	Platelet	PDCD10
10489	RAB10.3	1.33E-08	0.811712	0.359	0.235	0.00025	Platelet	RAB10
10490	MTRF1L	1.34E-08	0.344202	0.132	0.057	0.000253	Platelet	MTRF1L
10491	PYCARD.4	1.35E-08	-0.77645	0.231	0.367	0.000254	Platelet	PYCARD
10492	NKG7.5	1.35E-08	-2.09126	0.075	0.204	0.000254	Platelet	NKG7
10493	GABARAPL	1.37E-08	0.502374	0.644	0.534	0.000256	Platelet	GABARAPL2
10494	ATF4.1	1.54E-08	0.484407	0.251	0.144	0.00029	Platelet	ATF4
10495	UBC.4	1.57E-08	-0.38576	0.78	0.852	0.000295	Platelet	UBC
10496	EIF4E.1	1.62E-08	0.62602	0.346	0.231	0.000304	Platelet	EIF4E
10497	N4BP2L1.1	1.64E-08	0.515475	0.275	0.163	0.000308	Platelet	N4BP2L1
10498	CDK5RAP2	1.70E-08	0.336648	0.136	0.059	0.00032	Platelet	CDK5RAP2
10499	PSME2.4	2.35E-08	-0.46742	0.512	0.651	0.000442	Platelet	PSME2
10500	PRKAR1A.5	2.40E-08	0.374315	0.454	0.316	0.00045	Platelet	PRKAR1A
10501	CRIP1.3	2.45E-08	-0.67809	0.244	0.384	0.000461	Platelet	CRIP1
10502	RPS24.5	2.51E-08	-0.30514	0.864	0.995	0.000471	Platelet	RPS24
10503	NDUFB1.2	2.82E-08	-0.55083	0.271	0.417	0.00053	Platelet	NDUFB1
10504	ATP5MD.4	3.03E-08	-0.46567	0.498	0.613	0.000569	Platelet	ATP5MD
10505	ENO2	3.08E-08	0.339684	0.108	0.043	0.000578	Platelet	ENO2
10506	DUSP1.3	3.43E-08	-0.96773	0.102	0.233	0.000644	Platelet	DUSP1
10507	RPL22.4	3.67E-08	-0.2987	0.847	0.978	0.000689	Platelet	RPL22
10508	CDKN2D.3	4.33E-08	0.5764	0.308	0.196	0.000813	Platelet	CDKN2D
10509	SEC61G.5	4.36E-08	-0.492	0.373	0.515	0.000819	Platelet	SEC61G
10510	DBI.3	4.39E-08	-0.40576	0.471	0.6	0.000825	Platelet	DBI
10511	RPL31.4	4.50E-08	-0.30911	0.742	0.878	0.000846	Platelet	RPL31
10512	UQCRB.3	5.06E-08	-0.35052	0.644	0.767	0.000951	Platelet	UQCRB
10513	PLEKHO1.2	5.30E-08	0.484942	0.193	0.102	0.000995	Platelet	PLEKHO1
10514	KLF2.2	5.47E-08	-0.66226	0.369	0.5	0.001027	Platelet	KLF2
10515	SPI1.3	6.07E-08	-0.69431	0.054	0.171	0.00114	Platelet	SPI1
10516	CSTB.3	7.10E-08	-0.566	0.342	0.466	0.001334	Platelet	CSTB
10517	UBE2E3.1	7.27E-08	0.41396	0.302	0.189	0.001365	Platelet	UBE2E3
10518	CMAS	7.47E-08	0.530162	0.203	0.114	0.001404	Platelet	CMAS
10519	TMSB4X.5	7.51E-08	0.472874	1	0.998	0.00141	Platelet	TMSB4X
10520	CAP1.6	8.07E-08	0.519798	0.678	0.581	0.001516	Platelet	CAP1
10521	FCGR3A.6	8.17E-08	-1.19633	0.02	0.122	0.001535	Platelet	FCGR3A
10522	ATP5ME.1	8.97E-08	-0.48449	0.4	0.547	0.001684	Platelet	ATP5ME
10523	PPIB.4	9.37E-08	-0.44218	0.668	0.791	0.00176	Platelet	PPIB
10524	COX7A2.3	9.54E-08	-0.3483	0.6	0.698	0.001792	Platelet	COX7A2
10525	TYMP.5	1.01E-07	-1.00216	0.092	0.213	0.001899	Platelet	TYMP
10526	PTPRJ.1	1.02E-07	0.353098	0.115	0.05	0.001914	Platelet	PTPRJ
10527	CD48.4	1.03E-07	-0.49322	0.288	0.416	0.001938	Platelet	CD48
10528	RARRES3.5	1.12E-07	-0.56583	0.431	0.556	0.002096	Platelet	RARRES3
10529	ELOB.2	1.15E-07	-0.39303	0.681	0.751	0.002167	Platelet	ELOB
10530	CAMTA1.2	1.28E-07	0.583391	0.285	0.186	0.002405	Platelet	CAMTA1
10531	CREG1.3	1.33E-07	0.591709	0.153	0.076	0.002492	Platelet	CREG1
10532	IFI16.4	1.33E-07	-0.46961	0.166	0.308	0.002502	Platelet	IFI16

10533	ATP5MC3.	1.34E-07	-0.34044	0.593	0.679	0.002508	Platelet	ATP5MC3
10534	ATP5MF.4	1.35E-07	-0.38077	0.519	0.636	0.002532	Platelet	ATP5MF
10535	IER2.5	1.39E-07	-0.54044	0.346	0.498	0.002604	Platelet	IER2
10536	STX11.1	1.39E-07	0.560465	0.149	0.073	0.002611	Platelet	STX11
10537	ASB8.1	1.46E-07	0.483501	0.258	0.159	0.002741	Platelet	ASB8
10538	MBNL1.3	1.49E-07	0.568486	0.583	0.476	0.002799	Platelet	MBNL1
10539	AP2S1.3	1.49E-07	0.49649	0.563	0.438	0.002802	Platelet	AP2S1
10540	CPNE5.3	1.52E-07	0.32342	0.125	0.056	0.002854	Platelet	CPNE5
10541	HSPB1.6	1.53E-07	0.377318	0.593	0.466	0.002879	Platelet	HSPB1
10542	RHEB.1	1.54E-07	0.453113	0.332	0.224	0.002888	Platelet	RHEB
10543	RABGAP1L	1.61E-07	0.423062	0.275	0.167	0.003029	Platelet	RABGAP1L
10544	ACAA1.3	1.81E-07	-0.36554	0.146	0.286	0.003408	Platelet	ACAA1
10545	FASTKD5	1.84E-07	0.285144	0.125	0.056	0.003461	Platelet	FASTKD5
10546	ATP6V0E1.	1.91E-07	0.338791	0.797	0.69	0.003595	Platelet	ATP6V0E1
10547	HCLS1.4	1.96E-07	-0.37702	0.556	0.666	0.003689	Platelet	HCLS1
10548	ITGB2.6	2.04E-07	-0.58911	0.542	0.647	0.003831	Platelet	ITGB2
10549	AP2M1	2.16E-07	0.392254	0.553	0.437	0.004062	Platelet	AP2M1
10550	TM2D2	2.42E-07	0.351769	0.19	0.102	0.004544	Platelet	TM2D2
10551	LY6E.3	2.49E-07	-0.49278	0.532	0.635	0.004682	Platelet	LY6E
10552	ALDOA.4	2.50E-07	0.381189	0.756	0.641	0.004693	Platelet	ALDOA
10553	UBE2F.2	2.51E-07	0.458509	0.244	0.146	0.00471	Platelet	UBE2F
10554	SNX9.2	2.57E-07	0.341621	0.2	0.109	0.004823	Platelet	SNX9
10555	RBX1.2	2.57E-07	0.658854	0.614	0.516	0.004826	Platelet	RBX1
10556	LRBA.2	2.61E-07	0.332199	0.214	0.119	0.00491	Platelet	LRBA
10557	EFHD2.5	2.73E-07	-0.4357	0.044	0.151	0.005127	Platelet	EFHD2
10558	RGS3.1	2.78E-07	0.413833	0.136	0.064	0.005217	Platelet	RGS3
10559	TMEM258.	3.05E-07	-0.39546	0.529	0.636	0.005727	Platelet	TMEM258
10560	ATP5MG.4	3.15E-07	-0.28286	0.844	0.92	0.005922	Platelet	ATP5MG
10561	SMPD1.4	3.16E-07	0.407071	0.234	0.135	0.005937	Platelet	SMPD1
10562	TENT5C.2	3.34E-07	0.438257	0.122	0.055	0.00627	Platelet	TENT5C
10563	MYO1F.5	3.62E-07	-0.46389	0.061	0.171	0.006798	Platelet	MYO1F
10564	ADD3.5	3.67E-07	0.423682	0.631	0.491	0.006901	Platelet	ADD3
10565	IRF1.4	3.70E-07	-0.55188	0.271	0.404	0.006949	Platelet	IRF1
10566	PKIG.1	3.77E-07	0.292063	0.169	0.086	0.007083	Platelet	PKIG
10567	EPB41.4	3.85E-07	0.32121	0.424	0.289	0.007237	Platelet	EPB41
10568	ZCCHC17.1	4.05E-07	0.320622	0.203	0.113	0.007605	Platelet	ZCCHC17
10569	PAIP2.2	4.34E-07	0.407692	0.668	0.558	0.008147	Platelet	PAIP2
10570	ISCA1.1	4.40E-07	0.528728	0.234	0.142	0.00827	Platelet	ISCA1
10571	HMGB1.4	4.62E-07	0.364703	0.875	0.813	0.008677	Platelet	HMGB1
10572	NOP10.2	4.68E-07	-0.44956	0.417	0.539	0.008784	Platelet	NOP10
10573	CCDC28B.1	4.86E-07	0.267147	0.136	0.064	0.009135	Platelet	CCDC28B
10574	PHKB	4.90E-07	0.364893	0.18	0.096	0.009204	Platelet	PHKB
10575	HMG20B.2	5.37E-07	0.359654	0.288	0.184	0.010093	Platelet	HMG20B
10576	CMPK1.3	5.56E-07	0.506007	0.42	0.318	0.010453	Platelet	CMPK1
10577	TNFRSF1B.	5.80E-07	-0.44117	0.051	0.156	0.010891	Platelet	TNFRSF1B
10578	MAPK1IP1	5.88E-07	0.283261	0.38	0.255	0.011046	Platelet	MAPK1IP1L
10579	CCPG1.2	5.98E-07	0.522814	0.214	0.127	0.01123	Platelet	CCPG1

10580	FGFBP2.6	5.98E-07	-1.25916	0.014	0.101	0.011239	Platelet	FGFBP2
10581	TCIRG1.3	6.80E-07	-0.43096	0.129	0.255	0.012779	Platelet	TCIRG1
10582	ARMC8	7.05E-07	0.361237	0.251	0.153	0.013252	Platelet	ARMC8
10583	TBC1D20	7.33E-07	0.309113	0.139	0.068	0.013777	Platelet	TBC1D20
10584	SERPINA1.1	7.76E-07	-1.41392	0.024	0.114	0.014584	Platelet	SERPINA1
10585	COX5A.5	7.82E-07	-0.38822	0.478	0.561	0.014698	Platelet	COX5A
10586	RASA3.5	8.44E-07	0.400157	0.312	0.202	0.015859	Platelet	RASA3
10587	SLC25A6.2	9.05E-07	-0.28784	0.668	0.798	0.017001	Platelet	SLC25A6
10588	AMD1.2	9.24E-07	0.573334	0.251	0.157	0.017361	Platelet	AMD1
10589	ITM2A.4	9.72E-07	0.291742	0.495	0.352	0.01826	Platelet	ITM2A
10590	RAP2B	1.07E-06	0.52361	0.169	0.093	0.020168	Platelet	RAP2B
10591	ARL6IP5.3	1.12E-06	0.338542	0.746	0.644	0.02101	Platelet	ARL6IP5
10592	HNRNPK.3	1.14E-06	0.281402	0.824	0.744	0.02133	Platelet	HNRNPK
10593	CHCHD2.2	1.15E-06	-0.28592	0.732	0.806	0.021668	Platelet	CHCHD2
10594	TYROBP.4	1.15E-06	-2.09635	0.105	0.204	0.021691	Platelet	TYROBP
10595	CD300A.5	1.16E-06	-0.4728	0.047	0.147	0.021721	Platelet	CD300A
10596	IL10RA.5	1.16E-06	-0.36823	0.132	0.259	0.021801	Platelet	IL10RA
10597	SNRPG.2	1.17E-06	-0.38884	0.397	0.521	0.02197	Platelet	SNRPG
10598	TRIM13.1	1.19E-06	0.451266	0.169	0.093	0.022404	Platelet	TRIM13
10599	COPS9.3	1.20E-06	-0.38728	0.258	0.388	0.022471	Platelet	COPS9
10600	SON.2	1.20E-06	-0.375	0.532	0.645	0.022602	Platelet	SON
10601	EIF3K.2	1.26E-06	-0.25588	0.766	0.877	0.023696	Platelet	EIF3K
10602	RPL27A.2	1.31E-06	-0.37321	0.553	0.66	0.024554	Platelet	RPL27A
10603	TVP23B.1	1.41E-06	0.370421	0.231	0.137	0.026443	Platelet	TVP23B
10604	ZFYVE21	1.51E-06	0.254527	0.112	0.051	0.028409	Platelet	ZFYVE21
10605	GZMH.5	1.60E-06	-1.20642	0.017	0.101	0.030003	Platelet	GZMH
10606	TSC22D3.3	1.62E-06	0.365441	0.736	0.616	0.030451	Platelet	TSC22D3
10607	VAPA.3	1.75E-06	0.703985	0.542	0.462	0.032939	Platelet	VAPA
10608	CASP1.3	1.88E-06	-0.48448	0.129	0.239	0.035238	Platelet	CASP1
10609	LAMTOR5.5	1.88E-06	-0.36376	0.258	0.396	0.035241	Platelet	LAMTOR5
10610	SH3BGRL.5	1.88E-06	0.446296	0.658	0.553	0.03525	Platelet	SH3BGRL
10611	HLA-DRB1.1	1.88E-06	-0.43505	0.271	0.434	0.035287	Platelet	HLA-DRB1
10612	ACTR10.2	1.93E-06	0.428557	0.302	0.198	0.036314	Platelet	ACTR10
10613	LGALS8	1.98E-06	0.363176	0.166	0.09	0.037162	Platelet	LGALS8
10614	MNDA.5	2.03E-06	-0.84062	0.027	0.114	0.03812	Platelet	MNDA
10615	ATP2A3.4	2.20E-06	0.361656	0.288	0.187	0.041365	Platelet	ATP2A3
10616	CCL4.5	2.38E-06	-0.8209	0.02	0.105	0.044786	Platelet	CCL4
10617	ROMO1.4	2.53E-06	-0.44792	0.322	0.436	0.047521	Platelet	ROMO1
10986	GNLY.6	0	5.215902	0.857	0.046	0	NK cells	GNLY
10987	GZMB.6	0	4.25516	0.919	0.048	0	NK cells	GZMB
10988	NKG7.6	0	4.166074	0.979	0.147	0	NK cells	NKG7
10989	PRF1.7	0	3.862302	0.969	0.118	0	NK cells	PRF1
10990	SPON2.3	0	3.415517	0.788	0.047	0	NK cells	SPON2
10991	CST7.4	0	3.315749	0.964	0.112	0	NK cells	CST7
10992	CTSW.7	0	3.29956	0.949	0.203	0	NK cells	CTSW
10993	GZMA.6	0	3.275299	0.92	0.08	0	NK cells	GZMA
10994	CLIC3.6	0	3.243839	0.812	0.056	0	NK cells	CLIC3

10995	FGFBP2.7	0	3.200308	0.769	0.051	0	NK cells	FGFBP2
10996	CCL4.6	0	3.19646	0.772	0.056	0	NK cells	CCL4
10997	HOPX.7	0	2.990841	0.826	0.059	0	NK cells	HOPX
10998	CCL5.7	0	2.893505	0.749	0.105	0	NK cells	CCL5
10999	GZMH.6	0	2.875748	0.794	0.05	0	NK cells	GZMH
11000	KLRD1.3	0	2.790038	0.845	0.044	0	NK cells	KLRD1
11001	KLRB1.6	0	2.487662	0.745	0.074	0	NK cells	KLRB1
11002	XCL2.1	0	2.372855	0.538	0.013	0	NK cells	XCL2
11003	MYOM2.1	0	2.356832	0.496	0.037	0	NK cells	MYOM2
11004	FCGR3A.7	0	2.35161	0.802	0.072	0	NK cells	FCGR3A
11005	KLRF1.1	0	2.305125	0.641	0.005	0	NK cells	KLRF1
11006	CD247.7	0	2.240636	0.903	0.347	0	NK cells	CD247
11007	TRDC.2	0	2.171813	0.619	0.037	0	NK cells	TRDC
11008	IL2RB.2	0	2.097992	0.629	0.049	0	NK cells	IL2RB
11009	LAIR2.1	0	2.067615	0.501	0.043	0	NK cells	LAIR2
11010	S1PR5.1	0	2.004545	0.598	0.032	0	NK cells	S1PR5
11011	TTC38.2	0	2.002315	0.599	0.041	0	NK cells	TTC38
11012	CX3CR1.3	0	1.990994	0.604	0.061	0	NK cells	CX3CR1
11013	APMAP.4	0	1.972309	0.762	0.179	0	NK cells	APMAP
11014	SH2D1B.1	0	1.969486	0.532	0.008	0	NK cells	SH2D1B
11015	HCST.6	0	1.90556	0.978	0.603	0	NK cells	HCST
11016	ADGRG1.1	0	1.904246	0.548	0.026	0	NK cells	ADGRG1
11017	PRSS23.1	0	1.892169	0.514	0.026	0	NK cells	PRSS23
11018	SH2D2A.5	0	1.818436	0.617	0.105	0	NK cells	SH2D2A
11019	KLRC1.1	0	1.801005	0.354	0.013	0	NK cells	KLRC1
11020	TYROBP.5	0	1.788145	0.931	0.15	0	NK cells	TYROBP
11021	IGFBP7.3	0	1.771382	0.449	0.028	0	NK cells	IGFBP7
11022	MATK.5	0	1.767001	0.589	0.082	0	NK cells	MATK
11023	CD300A.6	0	1.741347	0.613	0.112	0	NK cells	CD300A
11024	IFITM2.6	0	1.73159	0.992	0.814	0	NK cells	IFITM2
11025	CD7.6	0	1.727703	0.962	0.547	0	NK cells	CD7
11026	FCER1G.4	0	1.707136	0.853	0.176	0	NK cells	FCER1G
11027	GZMM.6	0	1.706482	0.846	0.377	0	NK cells	GZMM
11028	TRBC1.5	0	1.698701	0.724	0.273	0	NK cells	TRBC1
11029	CMC1.3	0	1.597588	0.485	0.128	0	NK cells	CMC1
11030	CTSC.6	0	1.595721	0.785	0.301	0	NK cells	CTSC
11031	CD99.5	0	1.593496	0.902	0.515	0	NK cells	CD99
11032	PLEK.5	0	1.586032	0.712	0.201	0	NK cells	PLEK
11033	XCL1.1	0	1.58463	0.377	0.01	0	NK cells	XCL1
11034	C12orf75.6	0	1.564387	0.648	0.169	0	NK cells	C12orf75
11035	FCRL6.1	0	1.556919	0.445	0.027	0	NK cells	FCRL6
11036	SRGN.6	0	1.548197	0.905	0.369	0	NK cells	SRGN
11037	PTGDR.1	0	1.526435	0.431	0.015	0	NK cells	PTGDR
11038	TPST2.4	0	1.509639	0.674	0.207	0	NK cells	TPST2
11039	ITGB2.7	0	1.502643	0.926	0.626	0	NK cells	ITGB2
11040	APOBEC3G	0	1.4888	0.623	0.191	0	NK cells	APOBEC3G
11041	RARRES3.6	0	1.479274	0.89	0.531	0	NK cells	RARRES3

11042 EFHD2.6	0	1.457461	0.548	0.122	0 NK cells	EFHD2
11043 CHST12.6	0	1.432831	0.573	0.124	0 NK cells	CHST12
11044 ABI3.6	0	1.428999	0.577	0.145	0 NK cells	ABI3
11045 SLC9A3R1.	0	1.423782	0.785	0.387	0 NK cells	SLC9A3R1
11046 CD160.1	0	1.417677	0.328	0.01	0 NK cells	CD160
11047 DDIT4.4	0	1.412235	0.49	0.152	0 NK cells	DDIT4
11048 LITAF.5	0	1.408683	0.842	0.523	0 NK cells	LITAF
11049 IFITM1.6	0	1.396649	0.995	0.789	0 NK cells	IFITM1
11050 XBP1.5	0	1.392892	0.74	0.339	0 NK cells	XBP1
11051 DHRS7.4	0	1.391478	0.715	0.305	0 NK cells	DHRS7
11052 PYHIN1.2	0	1.365355	0.458	0.06	0 NK cells	PYHIN1
11053 C1orf21.1	0	1.354608	0.415	0.025	0 NK cells	C1orf21
11054 CD63.5	0	1.336165	0.635	0.201	0 NK cells	CD63
11055 KLRC3	0	1.334557	0.308	0.017	0 NK cells	KLRC3
11056 SPN.5	0	1.3335	0.574	0.172	0 NK cells	SPN
11057 AOA.6	0	1.32415	0.463	0.104	0 NK cells	AOA
11058 RHOC.5	0	1.317273	0.462	0.082	0 NK cells	RHOC
11059 ZAP70.6	0	1.313392	0.755	0.347	0 NK cells	ZAP70
11060 CLIC1.5	0	1.311265	0.96	0.679	0 NK cells	CLIC1
11061 STOM.4	0	1.301047	0.495	0.084	0 NK cells	STOM
11062 GNG2.4	0	1.295997	0.606	0.24	0 NK cells	GNG2
11063 PLEKHF1.3	0	1.294625	0.439	0.066	0 NK cells	PLEKHF1
11064 TBX21.1	0	1.273215	0.373	0.024	0 NK cells	TBX21
11065 NCR3.4	0	1.268624	0.457	0.093	0 NK cells	NCR3
11066 ADAM8.4	0	1.268076	0.478	0.111	0 NK cells	ADAM8
11067 DUSP2.5	0	1.245313	0.386	0.119	0 NK cells	DUSP2
11068 STARD3NL	0	1.2234	0.446	0.131	0 NK cells	STARD3NL
11069 CCL4L2.1	0	1.221832	0.226	0.022	0 NK cells	CCL4L2
11070 PFN1.6	0	1.202149	0.999	0.983	0 NK cells	PFN1
11071 MBP.4	0	1.183549	0.624	0.284	0 NK cells	MBP
11072 ANXA1.7	0	1.180636	0.746	0.321	0 NK cells	ANXA1
11073 PTGER2.3	0	1.173566	0.415	0.081	0 NK cells	PTGER2
11074 ARPC5L.3	0	1.171634	0.629	0.295	0 NK cells	ARPC5L
11075 SAMD3.5	0	1.164494	0.51	0.144	0 NK cells	SAMD3
11076 AKR1C3.2	0	1.148528	0.278	0.016	0 NK cells	AKR1C3
11077 LGALS1.5	0	1.145657	0.652	0.199	0 NK cells	LGALS1
11078 PDIA3.4	0	1.143061	0.758	0.491	0 NK cells	PDIA3
11079 CALM1.7	0	1.141439	0.968	0.873	0 NK cells	CALM1
11080 CDK2AP2.5	0	1.12874	0.605	0.301	0 NK cells	CDK2AP2
11081 FLNA.7	0	1.116431	0.659	0.33	0 NK cells	FLNA
11082 ARL4C.7	0	1.108151	0.583	0.244	0 NK cells	ARL4C
11083 RAP1B.5	0	1.101027	0.863	0.607	0 NK cells	RAP1B
11084 CCND3.6	0	1.09867	0.807	0.571	0 NK cells	CCND3
11085 FGR.5	0	1.09151	0.59	0.199	0 NK cells	FGR
11086 GNPTAB.3	0	1.087986	0.385	0.089	0 NK cells	GNPTAB
11087 IRF1.5	0	1.085613	0.694	0.382	0 NK cells	IRF1
11088 CISD3.4	0	1.081113	0.462	0.166	0 NK cells	CISD3

11089	GSTP1.6	0	1.075449	0.837	0.508	0	NK cells	GSTP1
11090	GPR65.5	0	1.071326	0.464	0.166	0	NK cells	GPR65
11091	DOK2.7	0	1.065229	0.528	0.199	0	NK cells	DOK2
11092	TRGC1.1	0	1.062854	0.293	0.019	0	NK cells	TRGC1
11093	OSTF1.4	0	1.055705	0.74	0.437	0	NK cells	OSTF1
11094	STAT4.5	0	1.044088	0.396	0.1	0	NK cells	STAT4
11095	FAM49B.3	0	1.040098	0.698	0.41	0	NK cells	FAM49B
11096	JAK1.5	0	1.04007	0.816	0.628	0	NK cells	JAK1
11097	HLA-C.5	0	1.036368	1	0.982	0	NK cells	HLA-C
11098	LY6E.4	0	1.035262	0.833	0.62	0	NK cells	LY6E
11099	RASSF1.3	0	1.03183	0.475	0.166	0	NK cells	RASSF1
11100	CD244.1	0	1.025555	0.323	0.045	0	NK cells	CD244
11101	LCP1.5	0	1.024433	0.815	0.567	0	NK cells	LCP1
11102	SYTL3.1	0	1.016806	0.299	0.048	0	NK cells	SYTL3
11103	TSEN54.5	0	1.013507	0.456	0.146	0	NK cells	TSEN54
11104	CFL1.6	0	1.011358	0.993	0.95	0	NK cells	CFL1
11105	ARPC2.6	0	1.00834	0.949	0.853	0	NK cells	ARPC2
11106	MAP3K8.4	0	1.004265	0.338	0.112	0	NK cells	MAP3K8
11107	KIR3DL1.1	0	1.002213	0.162	0.002	0	NK cells	KIR3DL1
11108	B2M.6	0	0.99731	1	0.999	0	NK cells	B2M
11109	TIGIT.1	0	0.99371	0.297	0.034	0	NK cells	TIGIT
11110	PLA2G16.2	0	0.990489	0.327	0.047	0	NK cells	PLA2G16
11111	ADGRE5.5	0	0.983761	0.551	0.252	0	NK cells	ADGRE5
11112	BST2.5	0	0.980942	0.698	0.42	0	NK cells	BST2
11113	ITGB7.6	0	0.979801	0.512	0.231	0	NK cells	ITGB7
11114	DBI.4	0	0.979051	0.809	0.584	0	NK cells	DBI
11115	KIR3DL2.1	0	0.977864	0.196	0.008	0	NK cells	KIR3DL2
11116	KIR2DL3.1	0	0.974231	0.183	0.003	0	NK cells	KIR2DL3
11117	KIR2DL1.1	0	0.973082	0.176	0.002	0	NK cells	KIR2DL1
11118	SYNE2.6	0	0.966999	0.43	0.158	0	NK cells	SYNE2
11119	PRKCH.6	0	0.964063	0.527	0.229	0	NK cells	PRKCH
11120	IL18RAP.1	0	0.961505	0.245	0.011	0	NK cells	IL18RAP
11121	SYNGR1.2	0	0.960301	0.253	0.037	0	NK cells	SYNGR1
11122	GLIPR2.5	0	0.959389	0.486	0.177	0	NK cells	GLIPR2
11123	HSH2D.5	0	0.952986	0.403	0.155	0	NK cells	HSH2D
11124	CD38.4	0	0.950959	0.359	0.09	0	NK cells	CD38
11125	PPIB.5	0	0.94603	0.928	0.78	0	NK cells	PPIB
11126	PAXX.5	0	0.945411	0.781	0.529	0	NK cells	PAXX
11127	NCR1.1	0	0.944131	0.243	0.003	0	NK cells	NCR1
11128	HLA-A.5	0	0.942081	0.976	0.898	0	NK cells	HLA-A
11129	FASLG.1	0	0.928679	0.255	0.011	0	NK cells	FASLG
11130	PSME2.5	0	0.923569	0.825	0.637	0	NK cells	PSME2
11131	GBP5.3	0	0.921316	0.424	0.138	0	NK cells	GBP5
11132	BIN2.5	0	0.919235	0.733	0.48	0	NK cells	BIN2
11133	ACTN4.3	0	0.912003	0.379	0.118	0	NK cells	ACTN4
11134	PPP1CA.4	0	0.903176	0.842	0.648	0	NK cells	PPP1CA
11135	BHLHE40	0	0.900392	0.281	0.042	0	NK cells	BHLHE40

11136 SYNE1.5	0	0.900092	0.399	0.152	0	NK cells	SYNE1
11137 ACTB.6	0	0.894366	1	0.999	0	NK cells	ACTB
11138 SH3BGRL3	0	0.893448	0.987	0.937	0	NK cells	SH3BGRL3
11139 ADRB2.1	0	0.892566	0.267	0.039	0	NK cells	ADRB2
11140 TPI1.5	0	0.891551	0.809	0.607	0	NK cells	TPI1
11141 BSG.3	0	0.889688	0.675	0.419	0	NK cells	BSG
11142 PTPN4.3	0	0.888952	0.379	0.125	0	NK cells	PTPN4
11143 LYAR.6	0	0.886133	0.414	0.145	0	NK cells	LYAR
11144 TGFB3.1	0	0.883327	0.264	0.021	0	NK cells	TGFB3
11145 PSMB10.4	0	0.879777	0.774	0.575	0	NK cells	PSMB10
11146 PSMB9.4	0	0.879058	0.858	0.668	0	NK cells	PSMB9
11147 CYBA.7	0	0.878013	0.921	0.717	0	NK cells	CYBA
11148 NDUFB2.4	0	0.873231	0.821	0.627	0	NK cells	NDUFB2
11149 MYO1F.6	0	0.872013	0.46	0.149	0	NK cells	MYO1F
11150 ITGB1.5	0	0.871528	0.457	0.183	0	NK cells	ITGB1
11151 ID2.2	0	0.869161	0.349	0.111	0	NK cells	ID2
11152 RUNX3.2	0	0.864938	0.342	0.1	0	NK cells	RUNX3
11153 LGALS9B.1	0	0.863443	0.217	0.002	0	NK cells	LGALS9B
11154 MYL12A.6	0	0.858431	0.99	0.943	0	NK cells	MYL12A
11155 UBB.5	0	0.855466	0.926	0.797	0	NK cells	UBB
11156 NMUR1.1	0	0.845109	0.232	0.005	0	NK cells	NMUR1
11157 HLA-B.4	0	0.837702	1	0.992	0	NK cells	HLA-B
11158 CEP78.1	0	0.837108	0.288	0.05	0	NK cells	CEP78
11159 EMP3.6	0	0.835514	0.932	0.779	0	NK cells	EMP3
11160 ACTG1.3	0	0.835409	0.982	0.95	0	NK cells	ACTG1
11161 GUK1.3	0	0.825709	0.794	0.593	0	NK cells	GUK1
11162 TRGV7.1	0	0.818084	0.222	0.017	0	NK cells	TRGV7
11163 NFATC2.4	0	0.773001	0.302	0.091	0	NK cells	NFATC2
11164 ABHD17A.1	0	0.766824	0.286	0.084	0	NK cells	ABHD17A
11165 FBXO6.2	0	0.765036	0.283	0.071	0	NK cells	FBXO6
11166 LPCAT1.1	0	0.763835	0.272	0.067	0	NK cells	LPCAT1
11167 TFDP2.4	0	0.760149	0.307	0.091	0	NK cells	TFDP2
11168 HAVCR2	0	0.757825	0.211	0.023	0	NK cells	HAVCR2
11169 S100A4.6	0	0.755784	0.919	0.511	0	NK cells	S100A4
11170 SLAMF7.2	0	0.75229	0.236	0.039	0	NK cells	SLAMF7
11171 ASCL2.1	0	0.749864	0.199	0.033	0	NK cells	ASCL2
11172 PSME1.3	0	0.74878	0.94	0.854	0	NK cells	PSME1
11173 CHST2	0	0.743656	0.215	0.034	0	NK cells	CHST2
11174 IFITM3.6	0	0.74286	0.871	0.527	0	NK cells	IFITM3
11175 ITGAM.2	0	0.727805	0.272	0.069	0	NK cells	ITGAM
11176 MYL12B.4	0	0.720928	0.907	0.787	0	NK cells	MYL12B
11177 OSBPL5	0	0.718886	0.214	0.022	0	NK cells	OSBPL5
11178 KLRC2	0	0.700858	0.138	0.005	0	NK cells	KLRC2
11179 CTBP2.1	0	0.69587	0.199	0.021	0	NK cells	CTBP2
11180 MCTP2.1	0	0.679094	0.254	0.065	0	NK cells	MCTP2
11181 RAC2.5	0	0.678386	0.949	0.904	0	NK cells	RAC2
11182 CCL3	0	0.677949	0.109	0.009	0	NK cells	CCL3

11183 MYBL1	0	0.677576	0.176	0.015	0 NK cells	MYBL1
11184 RGS3.2	0	0.667573	0.234	0.053	0 NK cells	RGS3
11185 PPP2R2B.1	0	0.665716	0.19	0.011	0 NK cells	PPP2R2B
11186 SLA2.2	0	0.658266	0.222	0.049	0 NK cells	SLA2
11187 MLC1.1	0	0.64502	0.177	0.005	0 NK cells	MLC1
11188 TSPAN2.1	0	0.638382	0.201	0.028	0 NK cells	TSPAN2
11189 PRR5L.1	0	0.630503	0.178	0.017	0 NK cells	PRR5L
11190 LINC00299	0	0.629469	0.146	0.002	0 NK cells	LINC00299
11191 EOMES.1	0	0.620657	0.179	0.015	0 NK cells	EOMES
11192 F2R.2	0	0.619481	0.159	0.013	0 NK cells	F2R
11193 MYL6.5	0	0.612191	0.983	0.945	0 NK cells	MYL6
11194 NCAM1	0	0.61027	0.153	0.001	0 NK cells	NCAM1
11195 RAMP1.2	0	0.608639	0.145	0.004	0 NK cells	RAMP1
11196 LINC02084	0	0.596008	0.168	0.015	0 NK cells	LINC02084
11197 CXCR2	0	0.595599	0.155	0.012	0 NK cells	CXCR2
11198 GK5	0	0.57244	0.174	0.03	0 NK cells	GK5
11199 FUT11	0	0.569826	0.182	0.035	0 NK cells	FUT11
11200 H3F3B.3	0	0.568199	0.983	0.948	0 NK cells	H3F3B
11201 PLEKHG3.1	0	0.549032	0.149	0.011	0 NK cells	PLEKHG3
11202 NCALD	0	0.506391	0.145	0.022	0 NK cells	NCALD
11203 MMP23B	0	0.47983	0.121	0.007	0 NK cells	MMP23B
11204 PDGFD	0	0.457982	0.115	0.005	0 NK cells	PDGFD
11205 ERBB2	0	0.416648	0.103	0.005	0 NK cells	ERBB2
11206 RAB27B.1	0	0.410742	0.112	0.008	0 NK cells	RAB27B
11207 TRGV9.1	0	0.40831	0.22	0.032	0 NK cells	TRGV9
11208 APOBEC3H	0	0.345088	0.103	0.008	0 NK cells	APOBEC3H
11209 RPS3.4	0	-0.53086	0.996	0.993	0 NK cells	RPS3
11210 RPL3.4	0	-0.55018	0.987	0.986	0 NK cells	RPL3
11211 RPL6.3	0	-0.58088	0.99	0.991	0 NK cells	RPL6
11212 RPLP1.6	0	-0.58653	1	0.997	0 NK cells	RPLP1
11213 RPS27A.4	0	-0.60312	0.998	0.994	0 NK cells	RPS27A
11214 FAU.4	0	-0.6054	0.997	0.998	0 NK cells	FAU
11215 RPLP2.5	0	-0.61509	0.926	0.972	0 NK cells	RPLP2
11216 RPS7.4	0	-0.62305	0.995	0.993	0 NK cells	RPS7
11217 RPL41.4	0	-0.63715	1	0.999	0 NK cells	RPL41
11218 RPS27.6	0	-0.6402	0.999	0.994	0 NK cells	RPS27
11219 RPL7A.4	0	-0.64501	0.99	0.992	0 NK cells	RPL7A
11220 RPS14.6	0	-0.65689	0.982	0.992	0 NK cells	RPS14
11221 RPL24.4	0	-0.67534	0.959	0.987	0 NK cells	RPL24
11222 NACA.5	0	-0.6895	0.972	0.992	0 NK cells	NACA
11223 RPS15.4	0	-0.69738	0.998	0.994	0 NK cells	RPS15
11224 RPL37.6	0	-0.70226	0.962	0.981	0 NK cells	RPL37
11225 RPL14.5	0	-0.71034	0.985	0.989	0 NK cells	RPL14
11226 RPS24.6	0	-0.71083	0.997	0.994	0 NK cells	RPS24
11227 RPS19.3	0	-0.717	0.998	0.993	0 NK cells	RPS19
11228 TPT1.5	0	-0.74988	0.981	0.995	0 NK cells	TPT1
11229 RPL28.4	0	-0.75578	0.998	0.998	0 NK cells	RPL28

11230 RPL4.3	0	-0.75584	0.757	0.917	0 NK cells	RPL4
11231 RPS15A.5	0	-0.77179	0.998	0.996	0 NK cells	RPS15A
11232 RPL10.4	0	-0.79592	1	0.995	0 NK cells	RPL10
11233 RPS6.5	0	-0.79861	0.983	0.989	0 NK cells	RPS6
11234 EEF2.5	0	-0.81177	0.842	0.942	0 NK cells	EEF2
11235 RPS28.6	0	-0.82784	1	0.994	0 NK cells	RPS28
11236 RPS21.6	0	-0.86157	0.985	0.988	0 NK cells	RPS21
11237 RPS3A.5	0	-0.86262	0.993	0.991	0 NK cells	RPS3A
11238 RPL10A.5	0	-0.86304	0.873	0.96	0 NK cells	RPL10A
11239 RPL35A.6	0	-0.86908	0.976	0.99	0 NK cells	RPL35A
11240 RPS25.5	0	-0.87887	0.979	0.992	0 NK cells	RPS25
11241 RPS4X.5	0	-0.88262	0.995	0.99	0 NK cells	RPS4X
11242 RPS9.4	0	-0.89262	0.958	0.994	0 NK cells	RPS9
11243 EEF1A1.4	0	-0.89304	0.999	0.997	0 NK cells	EEF1A1
11244 SELL.5	0	-0.89834	0.406	0.784	0 NK cells	SELL
11245 RPL36.6	0	-0.90287	0.992	0.989	0 NK cells	RPL36
11246 RPL34.6	0	-0.92155	0.997	0.995	0 NK cells	RPL34
11247 RACK1.5	0	-0.92643	0.963	0.988	0 NK cells	RACK1
11248 RPL22.5	0	-0.9281	0.929	0.981	0 NK cells	RPL22
11249 RPL19.3	0	-0.93171	0.999	0.995	0 NK cells	RPL19
11250 RPL12.5	0	-0.94145	0.992	0.992	0 NK cells	RPL12
11251 RPL18.4	0	-0.95639	0.988	0.991	0 NK cells	RPL18
11252 RPLP0.3	0	-0.95905	0.973	0.987	0 NK cells	RPLP0
11253 PABPC1.4	0	-0.96928	0.842	0.949	0 NK cells	PABPC1
11254 RPL5.5	0	-0.96986	0.973	0.985	0 NK cells	RPL5
11255 RPL9.4	0	-0.97764	0.949	0.987	0 NK cells	RPL9
11256 RPS18.5	0	-0.97852	0.997	0.991	0 NK cells	RPS18
11257 RPL30.4	0	-0.98883	0.997	0.997	0 NK cells	RPL30
11258 RPL29.5	0	-0.99595	0.995	0.993	0 NK cells	RPL29
11259 RPS2.3	0	-0.99801	0.635	0.871	0 NK cells	RPS2
11260 RPL13.4	0	-1.04611	0.998	0.992	0 NK cells	RPL13
11261 RPL39.5	0	-1.06339	0.999	0.997	0 NK cells	RPL39
11262 RPS23.6	0	-1.07186	0.996	0.992	0 NK cells	RPS23
11263 RPL8.5	0	-1.08053	0.986	0.993	0 NK cells	RPL8
11264 RPL11.4	0	-1.08764	0.995	0.995	0 NK cells	RPL11
11265 RPS12.7	0	-1.08801	0.998	0.995	0 NK cells	RPS12
11266 EEF1B2.5	0	-1.10994	0.909	0.972	0 NK cells	EEF1B2
11267 RPL32.4	0	-1.17139	0.998	0.994	0 NK cells	RPL32
11268 RPS13.4	0	-1.20162	0.995	0.993	0 NK cells	RPS13
11269 RPS5.6	0	-1.20533	0.977	0.985	0 NK cells	RPS5
11270 RPS8.6	0	-1.21513	0.991	0.992	0 NK cells	RPS8
11271 RGS10.5	0	-1.24587	0.18	0.557	0 NK cells	RGS10
11272 CD27.6	0	-1.25501	0.091	0.444	0 NK cells	CD27
11273 RPL18A.5	0	-1.26844	0.994	0.991	0 NK cells	RPL18A
11274 LEF1.6	0	-1.55753	0.096	0.455	0 NK cells	LEF1
11275 IL7R.6	0	-1.93496	0.109	0.494	0 NK cells	IL7R
11276 NCF1.5	0	-2.08344	0.072	0.515	0 NK cells	NCF1

11277	CCR7.7	0	-2.09098	0.078	0.572	0	NK cells	CCR7
11278	LTB.5	0	-2.52191	0.265	0.848	0	NK cells	LTB
11279	IFNGR2.5	8.48E-306	-1.2085	0.015	0.35	1.59E-301	NK cells	IFNGR2
11280	DNAJC1.5	9.78E-305	0.768723	0.358	0.126	1.84E-300	NK cells	DNAJC1
11281	MYC.5	3.96E-304	-1.39433	0.086	0.427	7.44E-300	NK cells	MYC
11282	ANXA2.6	7.50E-304	0.727778	0.606	0.283	1.41E-299	NK cells	ANXA2
11283	RPL26.5	8.24E-303	-0.53115	0.987	0.989	1.55E-298	NK cells	RPL26
11284	SERF2.5	2.66E-302	0.461926	0.991	0.986	5.00E-298	NK cells	SERF2
11285	AC116366.8	1.19E-301	0.873455	0.377	0.14	1.54E-296	NK cells	AC116366.3
11286	CAPN2.6	1.01E-300	0.809483	0.439	0.183	1.89E-296	NK cells	CAPN2
11287	UBE2F.3	4.13E-300	0.801319	0.361	0.131	7.75E-296	NK cells	UBE2F
11288	PXN.4	2.80E-298	0.825016	0.393	0.152	5.26E-294	NK cells	PXN
11289	CLSTN3	1.41E-297	0.483323	0.146	0.024	2.65E-293	NK cells	CLSTN3
11290	TMSB4X.6	1.78E-297	0.407362	1	0.998	3.35E-293	NK cells	TMSB4X
11291	EEF1D.4	1.80E-297	-0.51858	0.961	0.986	3.38E-293	NK cells	EEF1D
11292	SEPT7.5	4.49E-297	0.796175	0.809	0.641	8.43E-293	NK cells	Sep-07
11293	PPP1R18.3	6.96E-296	0.920009	0.692	0.459	1.31E-291	NK cells	PPP1R18
11294	GAPDH.5	8.07E-295	0.679806	0.957	0.898	1.52E-290	NK cells	GAPDH
11295	DAB2.1	2.41E-293	0.397204	0.102	0.012	4.53E-289	NK cells	DAB2
11296	MSN.4	4.11E-292	0.940397	0.692	0.466	7.73E-288	NK cells	MSN
11297	LINC02384	1.17E-291	0.592249	0.16	0.03	2.20E-287	NK cells	LINC02384
11298	PFDN5.3	1.73E-290	-0.51433	0.936	0.982	3.25E-286	NK cells	PFDN5
11299	PTPN12.2	2.21E-288	0.59828	0.179	0.037	4.15E-284	NK cells	PTPN12
11300	NDUFB7.6	2.63E-288	0.881263	0.679	0.441	4.95E-284	NK cells	NDUFB7
11301	TSPAN32.3	3.67E-288	0.827894	0.348	0.127	6.89E-284	NK cells	TSPAN32
11302	MVD.1	1.59E-287	0.697692	0.271	0.08	2.98E-283	NK cells	MVD
11303	CALR.4	2.99E-286	1.013317	0.774	0.591	5.62E-282	NK cells	CALR
11304	G6PD.3	3.13E-284	0.846027	0.419	0.178	5.88E-280	NK cells	G6PD
11305	TCF7.6	3.22E-283	-1.48797	0.11	0.437	6.05E-279	NK cells	TCF7
11306	COTL1.4	1.12E-282	-1.04397	0.242	0.616	2.09E-278	NK cells	COTL1
11307	TRBC2.5	8.33E-282	0.785033	0.86	0.664	1.56E-277	NK cells	TRBC2
11308	PRDM1.1	7.63E-281	0.548825	0.161	0.031	1.43E-276	NK cells	PRDM1
11309	HLA-E.6	2.71E-280	0.567535	0.975	0.955	5.10E-276	NK cells	HLA-E
11310	AHNAK.5	3.84E-280	0.844427	0.514	0.239	7.21E-276	NK cells	AHNAK
11311	SARAF.6	3.30E-279	-0.85922	0.791	0.894	6.20E-275	NK cells	SARAF
11312	ALOX5AP.6	5.28E-279	1.131628	0.583	0.345	9.91E-275	NK cells	ALOX5AP
11313	ST3GAL4	6.83E-279	0.396787	0.121	0.018	1.28E-274	NK cells	ST3GAL4
11314	FYN.4	2.63E-278	0.800428	0.377	0.146	4.94E-274	NK cells	FYN
11315	PAM.1	6.49E-278	0.430678	0.128	0.02	1.22E-273	NK cells	PAM
11316	AGTRAP.5	8.83E-278	0.841105	0.471	0.21	1.66E-273	NK cells	AGTRAP
11317	SIGLEC7.1	3.53E-276	0.535015	0.131	0.021	6.62E-272	NK cells	SIGLEC7
11318	AGK	1.60E-275	0.627786	0.242	0.067	3.01E-271	NK cells	AGK
11319	CD3D.5	7.11E-272	-1.0829	0.198	0.56	1.33E-267	NK cells	CD3D
11320	CCDC28B.2	1.53E-269	0.582536	0.214	0.054	2.87E-265	NK cells	CCDC28B
11321	TNFRSF18.2	2.03E-268	0.553579	0.121	0.018	3.82E-264	NK cells	TNFRSF18
11322	IQGAP1.4	7.63E-268	0.857678	0.535	0.28	1.43E-263	NK cells	IQGAP1
11323	TXK.4	3.53E-267	0.819268	0.373	0.148	6.64E-263	NK cells	TXK

11324	SLC27A3.1	1.94E-266	0.533616	0.171	0.037	3.65E-262	NK cells	SLC27A3
11325	ZBTB16	2.84E-265	0.381593	0.106	0.014	5.34E-261	NK cells	ZBTB16
11326	CD52.7	2.92E-264	-0.81006	0.537	0.846	5.48E-260	NK cells	CD52
11327	CLEC2B.3	9.03E-264	0.862859	0.617	0.363	1.70E-259	NK cells	CLEC2B
11328	ADGRG5	2.03E-263	0.454871	0.142	0.026	3.81E-259	NK cells	ADGRG5
11329	HSPA5.5	3.37E-260	0.975668	0.612	0.375	6.33E-256	NK cells	HSPA5
11330	RHOA.5	7.34E-258	0.561305	0.918	0.87	1.38E-253	NK cells	RHOA
11331	CALHM2.2	1.32E-257	0.613844	0.244	0.072	2.48E-253	NK cells	CALHM2
11332	ATP2B4.2	1.70E-257	0.634567	0.245	0.072	3.19E-253	NK cells	ATP2B4
11333	FHL3.1	2.93E-256	0.642064	0.214	0.057	5.50E-252	NK cells	FHL3
11334	RPL7.4	3.73E-256	-0.67061	0.699	0.88	7.01E-252	NK cells	RPL7
11335	CD79A.5	3.09E-255	-2.40415	0.034	0.328	5.80E-251	NK cells	CD79A
11336	SDF4.3	3.21E-255	0.811574	0.492	0.247	6.02E-251	NK cells	SDF4
11337	RPS16.4	3.83E-254	-0.63966	0.831	0.932	7.20E-250	NK cells	RPS16
11338	YWHAZ.6	1.09E-253	0.644242	0.887	0.798	2.04E-249	NK cells	YWHAZ
11339	ENPP4	2.52E-253	0.459067	0.135	0.024	4.74E-249	NK cells	ENPP4
11340	SASH3.3	2.62E-253	0.881469	0.559	0.316	4.91E-249	NK cells	SASH3
11341	FKBP11.4	2.12E-252	0.757695	0.388	0.16	3.98E-248	NK cells	FKBP11
11342	SELPLG.4	9.42E-252	0.830644	0.684	0.447	1.77E-247	NK cells	SELPLG
11343	TNFSF14	1.77E-251	0.42369	0.128	0.022	3.33E-247	NK cells	TNFSF14
11344	GSN.3	2.12E-250	0.648435	0.219	0.061	3.99E-246	NK cells	GSN
11345	PTPRC.4	9.08E-249	0.627313	0.918	0.85	1.71E-244	NK cells	PTPRC
11346	RPL21.4	1.64E-248	-0.58414	0.939	0.971	3.08E-244	NK cells	RPL21
11347	ITGAL.6	1.33E-247	0.764359	0.345	0.135	2.51E-243	NK cells	ITGAL
11348	PDIA6.5	5.59E-245	0.827883	0.582	0.351	1.05E-240	NK cells	PDIA6
11349	LDHB.5	1.58E-243	-1.0794	0.603	0.752	2.96E-239	NK cells	LDHB
11350	DSTN.4	3.83E-242	0.856022	0.491	0.257	7.20E-238	NK cells	DSTN
11351	PLOD1	1.24E-241	0.514177	0.155	0.033	2.34E-237	NK cells	PLOD1
11352	IL18R1	1.71E-240	0.359797	0.103	0.015	3.21E-236	NK cells	IL18R1
11353	DDOST.5	2.80E-228	0.767034	0.642	0.425	5.26E-224	NK cells	DDOST
11354	LSP1.5	2.93E-228	0.596026	0.891	0.812	5.49E-224	NK cells	LSP1
11355	BCL2L1.3	4.10E-228	0.583506	0.233	0.071	7.70E-224	NK cells	BCL2L1
11356	RPL15.4	1.08E-227	-0.42297	0.96	0.983	2.03E-223	NK cells	RPL15
11357	CD226.1	2.70E-226	0.481076	0.152	0.033	5.07E-222	NK cells	CD226
11358	NOSIP.6	3.04E-225	-1.13539	0.42	0.649	5.70E-221	NK cells	NOSIP
11359	MS4A1.6	5.85E-225	-2.53894	0.024	0.29	1.10E-220	NK cells	MS4A1
11360	CAST.4	9.19E-224	0.823122	0.579	0.34	1.73E-219	NK cells	CAST
11361	TPM4.6	2.56E-223	0.904898	0.448	0.23	4.80E-219	NK cells	TPM4
11362	CAMK4.6	1.50E-221	-1.05631	0.057	0.329	2.81E-217	NK cells	CAMK4
11363	RORA.3	9.16E-219	0.624564	0.265	0.091	1.72E-214	NK cells	RORA
11364	HENMT1.1	1.36E-218	0.584202	0.24	0.077	2.55E-214	NK cells	HENMT1
11365	OPTN.5	2.47E-218	0.671395	0.384	0.168	4.64E-214	NK cells	OPTN
11366	NPM1.5	8.81E-216	-0.6089	0.836	0.915	1.65E-211	NK cells	NPM1
11367	SLC15A4	1.25E-215	0.449269	0.125	0.024	2.36E-211	NK cells	SLC15A4
11368	HLA-DQA1	7.36E-215	-1.68968	0.035	0.296	1.38E-210	NK cells	HLA-DQA1
11369	WDR1.3	7.02E-214	0.765947	0.675	0.496	1.32E-209	NK cells	WDR1
11370	IDH2.3	1.25E-213	0.808623	0.467	0.256	2.35E-209	NK cells	IDH2

11371	P4HB.3	2.72E-213	0.818607	0.579	0.371	5.11E-209	NK cells	P4HB
11372	MIB2.2	5.94E-212	0.673303	0.271	0.097	1.12E-207	NK cells	MIB2
11373	TLN1.5	6.27E-212	0.718586	0.452	0.225	1.18E-207	NK cells	TLN1
11374	POLR2L.4	1.72E-211	0.766968	0.716	0.524	3.24E-207	NK cells	POLR2L
11375	HLA-DQB1	7.08E-211	-1.73788	0.058	0.317	1.33E-206	NK cells	HLA-DQB1
11376	UBC.5	2.71E-210	0.584194	0.914	0.847	5.08E-206	NK cells	UBC
11377	SLC25A20	3.94E-210	0.598625	0.264	0.093	7.39E-206	NK cells	SLC25A20
11378	COX8A.5	1.10E-209	0.66324	0.766	0.602	2.07E-205	NK cells	COX8A
11379	MYO1G.5	5.44E-208	0.753118	0.48	0.254	1.02E-203	NK cells	MYO1G
11380	HSP90B1.5	2.25E-207	0.631434	0.689	0.491	4.23E-203	NK cells	HSP90B1
11381	USP28.1	5.08E-207	0.542207	0.202	0.059	9.55E-203	NK cells	USP28
11382	AC090152.	2.05E-206	0.475962	0.171	0.044	3.85E-202	NK cells	AC090152.1
11383	RAB29.3	2.21E-206	0.707618	0.368	0.163	4.15E-202	NK cells	RAB29
11384	ZNF683.1	3.81E-206	0.483387	0.135	0.028	7.16E-202	NK cells	ZNF683
11385	RPL23A.4	7.68E-206	-0.46908	0.923	0.966	1.44E-201	NK cells	RPL23A
11386	SPINT2.5	9.89E-206	-0.83421	0.028	0.283	1.86E-201	NK cells	SPINT2
11387	RALY.2	2.10E-205	0.761198	0.613	0.414	3.94E-201	NK cells	RALY
11388	CYTOR.6	2.60E-204	0.591966	0.258	0.091	4.88E-200	NK cells	CYTOR
11389	ZNF600	2.83E-204	0.506633	0.16	0.04	5.33E-200	NK cells	ZNF600
11390	ZEB2.4	3.18E-204	0.67718	0.332	0.136	5.97E-200	NK cells	ZEB2
11391	CD53.5	5.03E-204	0.701106	0.754	0.582	9.46E-200	NK cells	CD53
11392	RNF125.4	8.58E-204	0.68536	0.319	0.13	1.61E-199	NK cells	RNF125
11393	RPSA.4	5.59E-203	-0.5565	0.877	0.944	1.05E-198	NK cells	RPSA
11394	RNF213.7	9.05E-203	0.806834	0.599	0.382	1.70E-198	NK cells	RNF213
11395	PLAC8.4	1.45E-201	0.726576	0.705	0.499	2.73E-197	NK cells	PLAC8
11396	AIF1.7	2.68E-201	-1.95679	0.05	0.304	5.04E-197	NK cells	AIF1
11397	MAL.6	3.40E-201	-1.0029	0.034	0.285	6.39E-197	NK cells	MAL
11398	GNGT2	2.97E-200	0.435036	0.133	0.029	5.58E-196	NK cells	GNGT2
11399	RNASET2.4	6.90E-199	-0.84564	0.362	0.618	1.30E-194	NK cells	RNASET2
11400	SKAP1.6	9.83E-199	0.701868	0.58	0.347	1.85E-194	NK cells	SKAP1
11401	HLA-DRA.6	1.77E-197	-3.16497	0.193	0.419	3.33E-193	NK cells	HLA-DRA
11402	FOSL2.1	6.81E-196	0.465297	0.141	0.033	1.28E-191	NK cells	FOSL2
11403	TBCB.2	1.08E-195	0.710185	0.618	0.413	2.02E-191	NK cells	TBCB
11404	RAB37.5	2.18E-194	0.679547	0.331	0.141	4.09E-190	NK cells	RAB37
11405	UBA52.2	2.69E-194	-0.45359	0.883	0.96	5.06E-190	NK cells	UBA52
11406	IQGAP2.6	4.33E-194	0.626508	0.289	0.114	8.13E-190	NK cells	IQGAP2
11407	CAP1.7	9.34E-194	0.683665	0.727	0.571	1.75E-189	NK cells	CAP1
11408	FES.2	1.96E-193	0.609293	0.218	0.071	3.67E-189	NK cells	FES
11409	TGFB1.6	3.11E-193	0.758033	0.488	0.272	5.84E-189	NK cells	TGFB1
11410	ACOT7	3.52E-193	0.276719	0.11	0.021	6.62E-189	NK cells	ACOT7
11411	TNFRSF1A.	5.94E-192	0.701424	0.368	0.172	1.12E-187	NK cells	TNFRSF1A
11412	CHCHD10.	7.58E-192	-0.82069	0.183	0.456	1.42E-187	NK cells	CHCHD10
11413	YWHAQ.5	8.21E-192	0.73628	0.591	0.398	1.54E-187	NK cells	YWHAQ
11414	TPM3.5	1.86E-191	0.600142	0.819	0.722	3.49E-187	NK cells	TPM3
11415	HMG3.3	8.42E-190	0.722352	0.631	0.435	1.58E-185	NK cells	HMG3
11416	MIEN1.4	1.98E-188	0.742161	0.555	0.347	3.72E-184	NK cells	MIEN1
11417	OASL.1	7.78E-187	0.424774	0.145	0.035	1.46E-182	NK cells	OASL

11418	EIF3E.6	2.95E-186	-0.69612	0.453	0.696	5.55E-182	NK cells	EIF3E
11419	ZFAS1.3	3.17E-186	-0.72356	0.335	0.601	5.95E-182	NK cells	ZFAS1
11420	AXIN1	2.28E-185	0.431425	0.143	0.035	4.28E-181	NK cells	AXIN1
11421	AC004865.	8.08E-184	0.496441	0.17	0.048	1.52E-179	NK cells	AC004865.2
11422	SH2D1A.3	1.89E-182	0.570893	0.296	0.118	3.55E-178	NK cells	SH2D1A
11423	IL12RB1.1	2.70E-182	0.515249	0.201	0.064	5.08E-178	NK cells	IL12RB1
11424	EIF3H.3	4.58E-182	-0.62741	0.556	0.768	8.60E-178	NK cells	EIF3H
11425	UTS2	1.11E-181	0.521404	0.2	0.063	2.09E-177	NK cells	UTS2
11426	RAP1GAP2	1.30E-180	0.424206	0.141	0.035	2.43E-176	NK cells	RAP1GAP2
11427	IGHM.4	5.31E-180	-1.82834	0.043	0.275	9.97E-176	NK cells	IGHM
11428	CHCHD2.3	9.32E-179	0.538746	0.862	0.802	1.75E-174	NK cells	CHCHD2
11429	TMED9.4	2.66E-178	0.69632	0.521	0.315	5.00E-174	NK cells	TMED9
11430	FTL.4	3.35E-178	-1.18515	0.984	0.994	6.29E-174	NK cells	FTL
11431	RPL35.5	7.33E-178	-0.36483	0.979	0.983	1.38E-173	NK cells	RPL35
11432	UBL5.3	4.33E-176	0.583801	0.838	0.73	8.13E-172	NK cells	UBL5
11433	HLA-DMA.	4.85E-176	-1.37064	0.126	0.361	9.11E-172	NK cells	HLA-DMA
11434	PTPN22.1	1.13E-175	0.634093	0.283	0.114	2.12E-171	NK cells	PTPN22
11435	BANK1.4	9.02E-175	-1.23503	0.008	0.224	1.69E-170	NK cells	BANK1
11436	ACTR3.3	2.36E-174	0.668958	0.763	0.657	4.44E-170	NK cells	ACTR3
11437	PSMB8.2	2.89E-174	0.609087	0.777	0.664	5.43E-170	NK cells	PSMB8
11438	SERP1.4	1.87E-173	-0.6111	0.602	0.788	3.52E-169	NK cells	SERP1
11439	CRIP1.4	2.51E-173	0.725927	0.576	0.37	4.72E-169	NK cells	CRIP1
11440	TOX	3.75E-173	0.468456	0.171	0.05	7.05E-169	NK cells	TOX
11441	PRDX5.4	6.91E-173	0.67815	0.693	0.527	1.30E-168	NK cells	PRDX5
11442	RPL13A.3	8.79E-173	-0.64752	0.503	0.734	1.65E-168	NK cells	RPL13A
11443	ARF1.4	1.25E-171	0.626889	0.74	0.618	2.34E-167	NK cells	ARF1
11444	SDF2L1.3	2.88E-171	0.765074	0.387	0.198	5.41E-167	NK cells	SDF2L1
11445	KLRK1	7.48E-171	0.379932	0.107	0.022	1.41E-166	NK cells	KLRK1
11446	SCP2.3	1.16E-170	0.717032	0.518	0.323	2.19E-166	NK cells	SCP2
11447	GYG1.5	4.93E-170	0.571445	0.337	0.154	9.26E-166	NK cells	GYG1
11448	CKLF.4	1.17E-169	0.693677	0.439	0.237	2.20E-165	NK cells	CKLF
11449	ACTN1.6	1.94E-169	-0.82632	0.047	0.273	3.65E-165	NK cells	ACTN1
11450	GAB3	9.74E-169	0.385677	0.125	0.029	1.83E-164	NK cells	GAB3
11451	NPRL2.2	3.31E-168	0.608264	0.311	0.137	6.22E-164	NK cells	NPRL2
11452	RPL39L	4.29E-168	0.312307	0.114	0.025	8.05E-164	NK cells	RPL39L
11453	DRAP1.4	8.85E-168	0.622925	0.698	0.528	1.66E-163	NK cells	DRAP1
11454	TAP1.4	1.22E-167	0.68517	0.549	0.354	2.29E-163	NK cells	TAP1
11455	CD58.2	2.77E-167	0.560423	0.227	0.083	5.21E-163	NK cells	CD58
11456	SLC20A1.2	4.79E-167	0.572516	0.253	0.098	9.00E-163	NK cells	SLC20A1
11457	CD47.4	5.37E-167	0.687853	0.638	0.458	1.01E-162	NK cells	CD47
11458	RAB27A.3	7.86E-166	0.587648	0.281	0.117	1.48E-161	NK cells	RAB27A
11459	LMAN2.4	1.28E-165	0.660361	0.586	0.391	2.41E-161	NK cells	LMAN2
11460	RAB9A.3	1.47E-165	0.598813	0.312	0.139	2.77E-161	NK cells	RAB9A
11461	MPST.3	2.63E-165	0.509151	0.21	0.073	4.95E-161	NK cells	MPST
11462	HSP90AA1	2.74E-165	0.592701	0.808	0.707	5.15E-161	NK cells	HSP90AA1
11463	CTNNBIP1	3.02E-165	0.449361	0.191	0.062	5.67E-161	NK cells	CTNNBIP1
11464	CD37.5	7.55E-165	-1.23349	0.807	0.898	1.42E-160	NK cells	CD37

11465	CD19.6	3.76E-164	-1.09933	0.005	0.21	7.07E-160	NK cells	CD19
11466	LINC01871	4.17E-164	0.479554	0.158	0.045	7.83E-160	NK cells	LINC01871
11467	CD3G.5	6.76E-164	-0.75759	0.166	0.428	1.27E-159	NK cells	CD3G
11468	VAMP8.5	1.02E-163	0.604573	0.736	0.571	1.91E-159	NK cells	VAMP8
11469	DUSP23.5	4.32E-163	0.586888	0.312	0.14	8.12E-159	NK cells	DUSP23
11470	RMDN3	6.21E-162	0.437783	0.176	0.055	1.17E-157	NK cells	RMDN3
11471	TCL1A.6	2.12E-159	-2.11251	0.016	0.219	3.98E-155	NK cells	TCL1A
11472	MCUB.5	7.04E-158	-0.66975	0.275	0.533	1.32E-153	NK cells	MCUB
11473	BTF3.5	8.28E-158	-0.40229	0.905	0.959	1.55E-153	NK cells	BTF3
11474	IDS.2	1.16E-157	0.653458	0.386	0.2	2.18E-153	NK cells	IDS
11475	TMEM50A	1.32E-157	0.619515	0.639	0.471	2.48E-153	NK cells	TMEM50A
11476	DENND2D	1.63E-157	0.665852	0.602	0.395	3.06E-153	NK cells	DENND2D
11477	TCF25.2	4.87E-157	0.851214	0.573	0.396	9.15E-153	NK cells	TCF25
11478	ELOB.3	1.79E-156	0.481579	0.842	0.744	3.37E-152	NK cells	ELOB
11479	IFI27L2.4	2.22E-156	0.652195	0.39	0.206	4.18E-152	NK cells	IFI27L2
11480	CCDC85B.3	5.39E-156	0.635859	0.635	0.453	1.01E-151	NK cells	CCDC85B
11481	IER2.6	9.21E-156	0.533548	0.677	0.484	1.73E-151	NK cells	IER2
11482	SELENOW	1.03E-155	0.645594	0.649	0.481	1.93E-151	NK cells	SELENOW
11483	ANXA6.5	1.24E-155	0.594561	0.724	0.571	2.33E-151	NK cells	ANXA6
11484	LINC00926	1.36E-154	-1.13151	0.009	0.205	2.55E-150	NK cells	LINC00926
11485	GTF3C1	7.21E-153	0.499194	0.187	0.063	1.36E-148	NK cells	GTF3C1
11486	ADA.3	1.75E-152	0.544312	0.277	0.119	3.29E-148	NK cells	ADA
11487	EVL.5	5.35E-152	0.527338	0.865	0.73	1.00E-147	NK cells	EVL
11488	NOP53.4	7.48E-152	-0.64573	0.434	0.661	1.40E-147	NK cells	NOP53
11489	MAPK1.2	1.11E-151	0.600197	0.249	0.101	2.08E-147	NK cells	MAPK1
11490	SYTL1.4	1.66E-151	0.67754	0.609	0.425	3.12E-147	NK cells	SYTL1
11491	SSR4.4	2.53E-151	0.554205	0.79	0.677	4.75E-147	NK cells	SSR4
11492	MYDGF.3	1.01E-150	0.653313	0.473	0.285	1.91E-146	NK cells	MYDGF
11493	SNHG8.2	1.20E-150	-0.69637	0.218	0.462	2.25E-146	NK cells	SNHG8
11494	YWHAB.6	1.41E-150	0.474513	0.857	0.805	2.65E-146	NK cells	YWHAB
11495	LDLRAP1.6	3.94E-150	-0.81473	0.095	0.316	7.41E-146	NK cells	LDLRAP1
11496	PSMA7.2	4.35E-150	0.550327	0.772	0.678	8.17E-146	NK cells	PSMA7
11497	EBP	2.47E-149	0.505905	0.227	0.088	4.65E-145	NK cells	EBP
11498	ARAP2	2.78E-149	0.522807	0.219	0.082	5.22E-145	NK cells	ARAP2
11499	VPREB3.6	4.71E-149	-1.25902	0.01	0.202	8.85E-145	NK cells	VPREB3
11500	MANF.3	5.70E-149	0.591873	0.307	0.141	1.07E-144	NK cells	MANF
11501	ITGAX.1	7.81E-149	0.458849	0.157	0.048	1.47E-144	NK cells	ITGAX
11502	SIT1.5	2.01E-148	-0.74633	0.059	0.268	3.78E-144	NK cells	SIT1
11503	WIPF1.4	8.91E-148	0.666641	0.469	0.286	1.67E-143	NK cells	WIPF1
11504	NAALADL1	1.50E-147	0.42443	0.147	0.043	2.81E-143	NK cells	NAALADL1
11505	SUSD3.7	3.03E-147	-0.7158	0.044	0.245	5.68E-143	NK cells	SUSD3
11506	IL32.7	1.37E-146	0.906592	0.679	0.56	2.57E-142	NK cells	IL32
11507	RALGDS	1.94E-146	0.368632	0.128	0.034	3.65E-142	NK cells	RALGDS
11508	COX6A1.3	1.21E-145	0.484804	0.827	0.765	2.27E-141	NK cells	COX6A1
11509	DIP2A.4	6.57E-144	0.641381	0.28	0.126	1.23E-139	NK cells	DIP2A
11510	CARD16.5	1.95E-143	0.596708	0.578	0.378	3.67E-139	NK cells	CARD16
11511	SYPL1.5	4.89E-143	-0.76266	0.157	0.38	9.19E-139	NK cells	SYPL1

11512	SELENOT.3	5.36E-143	0.645759	0.536	0.361	1.01E-138	NK cells	SELENOT
11513	MAPRE2.5	5.47E-143	0.619775	0.362	0.189	1.03E-138	NK cells	MAPRE2
11514	FCRLA.6	5.61E-143	-1.01946	0.006	0.188	1.05E-138	NK cells	FCRLA
11515	RPL36A.6	7.78E-143	-0.62431	0.666	0.814	1.46E-138	NK cells	RPL36A
11516	ILK.5	8.05E-143	0.602867	0.429	0.246	1.51E-138	NK cells	ILK
11517	ALOX5.5	1.31E-142	-0.77055	0.007	0.189	2.46E-138	NK cells	ALOX5
11518	MRPL10.1	1.49E-142	0.57914	0.309	0.147	2.79E-138	NK cells	MRPL10
11519	RAB1B.2	2.54E-142	0.617178	0.444	0.262	4.78E-138	NK cells	RAB1B
11520	PSMA6.4	9.70E-142	0.623164	0.552	0.39	1.82E-137	NK cells	PSMA6
11521	FOXP1.4	1.23E-141	-0.72432	0.22	0.45	2.30E-137	NK cells	FOXP1
11522	SLC25A6.3	1.80E-141	-0.5134	0.644	0.808	3.39E-137	NK cells	SLC25A6
11523	STX8.1	3.33E-141	0.575846	0.322	0.157	6.25E-137	NK cells	STX8
11524	SEC61B.5	1.86E-140	0.556272	0.715	0.57	3.50E-136	NK cells	SEC61B
11525	RALGPS2.5	2.59E-139	-0.98954	0.033	0.224	4.87E-135	NK cells	RALGPS2
11526	FAM129C.1	4.68E-139	-1.00796	0.008	0.187	8.79E-135	NK cells	FAM129C
11527	TRAT1.5	7.95E-139	-0.83314	0.053	0.247	1.49E-134	NK cells	TRAT1
11528	PVRIG	2.14E-138	0.420061	0.167	0.055	4.02E-134	NK cells	PVRIG
11529	PRELID1.5	9.47E-138	0.542413	0.664	0.5	1.78E-133	NK cells	PRELID1
11530	HLA-F.4	1.23E-137	0.64294	0.653	0.492	2.32E-133	NK cells	HLA-F
11531	IGF2R.1	7.03E-137	0.497817	0.18	0.064	1.32E-132	NK cells	IGF2R
11532	CORO1A.4	7.40E-137	0.451299	0.931	0.921	1.39E-132	NK cells	CORO1A
11533	TRAPPC1.3	8.36E-137	0.559207	0.721	0.601	1.57E-132	NK cells	TRAPPC1
11534	GCHFR.1	2.02E-136	0.580622	0.244	0.104	3.80E-132	NK cells	GCHFR
11535	MIR4435-2	2.39E-136	0.434893	0.176	0.061	4.49E-132	NK cells	MIR4435-2HG
11536	WIP1.1.2	2.76E-136	0.354042	0.118	0.031	5.19E-132	NK cells	WIP1
11537	RPS6KA1.3	7.06E-136	0.60567	0.401	0.225	1.33E-131	NK cells	RPS6KA1
11538	RASSF4.1	7.81E-136	0.454495	0.138	0.041	1.47E-131	NK cells	RASSF4
11539	PREX1.1	2.65E-135	0.516465	0.22	0.088	4.98E-131	NK cells	PREX1
11540	USB1.1	3.67E-134	0.53684	0.262	0.117	6.89E-130	NK cells	USB1
11541	ID3.4	4.17E-134	-0.8721	0.032	0.217	7.83E-130	NK cells	ID3
11542	NPC1	4.18E-134	0.327403	0.11	0.028	7.85E-130	NK cells	NPC1
11543	RCAN3.5	4.63E-134	-0.68381	0.042	0.229	8.70E-130	NK cells	RCAN3
11544	TRPV2.1	1.38E-133	0.552853	0.307	0.15	2.59E-129	NK cells	TRPV2
11545	FCER2.6	1.52E-133	-1.09237	0.005	0.177	2.86E-129	NK cells	FCER2
11546	CD164.1	4.34E-133	0.648682	0.566	0.395	8.16E-129	NK cells	CD164
11547	CFLAR.4	5.30E-133	0.643778	0.431	0.253	9.95E-129	NK cells	CFLAR
11548	DYNLL1.4	9.24E-133	0.650078	0.577	0.405	1.74E-128	NK cells	DYNLL1
11549	SUN2.4	1.30E-132	0.668206	0.45	0.274	2.45E-128	NK cells	SUN2
11550	DIAPH1.5	1.38E-132	0.538687	0.293	0.138	2.58E-128	NK cells	DIAPH1
11551	ACAA2	3.17E-132	0.51356	0.269	0.121	5.95E-128	NK cells	ACAA2
11552	CYBB.6	3.49E-132	-0.83655	0.008	0.18	6.56E-128	NK cells	CYBB
11553	H2AFX.1	6.80E-132	0.376148	0.145	0.045	1.28E-127	NK cells	H2AFX
11554	ATP5MC3.1	1.52E-131	0.495892	0.766	0.672	2.86E-127	NK cells	ATP5MC3
11555	DHRS3	2.82E-131	0.401261	0.131	0.038	5.29E-127	NK cells	DHRS3
11556	SPI1.4	4.36E-131	-0.94228	0.01	0.182	8.18E-127	NK cells	SPI1
11557	PIK3IP1.5	1.12E-130	-0.72134	0.109	0.317	2.11E-126	NK cells	PIK3IP1
11558	PSMA5.3	1.59E-130	0.61312	0.555	0.399	2.99E-126	NK cells	PSMA5

11559	ARHGDI2	7.62E-130	0.605509	0.613	0.47	1.43E-125	NK cells	ARHGDI2
11560	NAPSA	9.32E-130	-0.78619	0.01	0.18	1.75E-125	NK cells	NAPSA
11561	PSTPIP1	1.13E-129	0.571186	0.358	0.189	2.12E-125	NK cells	PSTPIP1
11562	STK10	1.27E-129	0.618061	0.372	0.204	2.38E-125	NK cells	STK10
11563	PTPN7	3.58E-129	0.44544	0.223	0.09	6.73E-125	NK cells	PTPN7
11564	ARMH1	8.29E-129	-0.67888	0.027	0.204	1.56E-124	NK cells	ARMH1
11565	CYB561D2	9.43E-129	0.556839	0.349	0.183	1.77E-124	NK cells	CYB561D2
11566	PTGER4	2.03E-128	0.491916	0.194	0.074	3.81E-124	NK cells	PTGER4
11567	RPS11	2.76E-127	-0.48855	0.661	0.825	5.19E-123	NK cells	RPS11
11568	FERMT3	5.57E-127	0.578145	0.533	0.36	1.05E-122	NK cells	FERMT3
11569	TMEM123	5.78E-127	-0.63519	0.256	0.476	1.09E-122	NK cells	TMEM123
11570	UTRN	8.16E-127	0.62248	0.349	0.185	1.53E-122	NK cells	UTRN
11571	SUMO2	9.16E-127	0.39786	0.882	0.843	1.72E-122	NK cells	SUMO2
11572	GCA	1.01E-126	-0.92175	0.035	0.215	1.90E-122	NK cells	GCA
11573	DGKA	1.77E-126	-0.68802	0.13	0.334	3.33E-122	NK cells	DGKA
11574	CAPN12	2.86E-126	0.369298	0.116	0.032	5.37E-122	NK cells	CAPN12
11575	HNRNPA2B1	3.75E-125	0.438104	0.901	0.881	7.04E-121	NK cells	HNRNPA2B1
11576	CD5	5.76E-125	-0.69085	0.063	0.246	1.08E-120	NK cells	CD5
11577	SRP14	1.50E-124	0.381887	0.903	0.879	2.82E-120	NK cells	SRP14
11578	RHOF	1.52E-124	0.586922	0.475	0.302	2.86E-120	NK cells	RHOF
11579	LMO4	1.69E-124	0.517998	0.228	0.098	3.17E-120	NK cells	LMO4
11580	HMOX2	3.01E-124	0.579104	0.553	0.383	5.66E-120	NK cells	HMOX2
11581	PPIA	3.41E-124	0.390246	0.967	0.948	6.41E-120	NK cells	PPIA
11582	LAT2	7.66E-124	0.548136	0.381	0.204	1.44E-119	NK cells	LAT2
11583	BTK	2.31E-123	-0.61783	0.007	0.168	4.35E-119	NK cells	BTK
11584	AQP3	3.12E-123	-0.69053	0.059	0.247	5.87E-119	NK cells	AQP3
11585	BACH2	1.59E-122	-0.75364	0.039	0.213	2.98E-118	NK cells	BACH2
11586	TBC1D31	1.71E-122	0.317552	0.106	0.028	3.22E-118	NK cells	TBC1D31
11587	APOBEC3C	2.29E-122	0.503807	0.26	0.118	4.30E-118	NK cells	APOBEC3C
11588	ASL	3.74E-122	0.406053	0.166	0.059	7.02E-118	NK cells	ASL
11589	RHOH	8.08E-122	-0.6473	0.263	0.473	1.52E-117	NK cells	RHOH
11590	FCGRT	1.28E-121	-0.74436	0.045	0.221	2.41E-117	NK cells	FCGRT
11591	MEF2C	2.90E-121	-0.88562	0.046	0.224	5.45E-117	NK cells	MEF2C
11592	GABARAPL1	3.32E-121	0.344981	0.115	0.032	6.24E-117	NK cells	GABARAPL1
11593	KEAP1	6.05E-121	0.435163	0.216	0.09	1.14E-116	NK cells	KEAP1
11594	SNX2	4.01E-120	-0.84197	0.24	0.436	7.52E-116	NK cells	SNX2
11595	LY86	9.97E-120	-0.65797	0.011	0.172	1.87E-115	NK cells	LY86
11596	BZW1	1.02E-119	0.600025	0.518	0.355	1.91E-115	NK cells	BZW1
11597	SERPINB6	1.51E-119	0.54819	0.253	0.118	2.84E-115	NK cells	SERPINB6
11598	SH3BP1	3.81E-119	0.547185	0.338	0.181	7.16E-115	NK cells	SH3BP1
11599	TMBIM6	2.66E-118	0.504279	0.766	0.689	5.00E-114	NK cells	TMBIM6
11600	PIP4K2A	1.19E-117	0.446039	0.157	0.055	2.23E-113	NK cells	PIP4K2A
11601	TCIRG1	1.89E-117	0.529055	0.417	0.242	3.55E-113	NK cells	TCIRG1
11602	NDUFS8	4.97E-117	0.571196	0.543	0.389	9.33E-113	NK cells	NDUFS8
11603	HLA-DQA2	5.54E-117	-1.64591	0.056	0.226	1.04E-112	NK cells	HLA-DQA2
11604	TRABD2A	6.09E-117	-0.6418	0.028	0.192	1.14E-112	NK cells	TRABD2A
11605	HLA-DMB	1.50E-116	-0.78927	0.04	0.21	2.82E-112	NK cells	HLA-DMB

11606	TMX4.2	2.82E-116	0.527188	0.3	0.151	5.29E-112	NK cells	TMX4
11607	BATF.1	3.25E-115	0.474576	0.266	0.125	6.10E-111	NK cells	BATF
11608	MAD2L2.1	2.22E-114	0.526674	0.301	0.154	4.17E-110	NK cells	MAD2L2
11609	POLR2G.2	3.08E-114	0.571521	0.455	0.292	5.79E-110	NK cells	POLR2G
11610	IL10RA.6	5.90E-114	0.562025	0.414	0.247	1.11E-109	NK cells	IL10RA
11611	LAMP1.2	2.12E-113	0.58459	0.486	0.325	3.99E-109	NK cells	LAMP1
11612	IVNS1ABP.	2.30E-113	0.604429	0.307	0.161	4.31E-109	NK cells	IVNS1ABP
11613	CCDC107.4	2.59E-113	0.594571	0.433	0.269	4.87E-109	NK cells	CCDC107
11614	SYTL2	8.26E-113	0.316777	0.102	0.028	1.55E-108	NK cells	SYTL2
11615	NDUFA6.5	1.12E-112	0.569818	0.533	0.385	2.09E-108	NK cells	NDUFA6
11616	ERP29.2	1.98E-112	-0.48269	0.545	0.733	3.73E-108	NK cells	ERP29
11617	PPP1R12A.	2.48E-112	0.568366	0.444	0.28	4.66E-108	NK cells	PPP1R12A
11618	ZBP1.2	2.54E-112	0.423612	0.169	0.064	4.77E-108	NK cells	ZBP1
11619	PGAM1.5	3.25E-112	0.531975	0.619	0.489	6.10E-108	NK cells	PGAM1
11620	PSMB6.3	4.80E-112	0.509955	0.597	0.456	9.02E-108	NK cells	PSMB6
11621	TBK1	5.61E-112	0.3721	0.172	0.065	1.05E-107	NK cells	TBK1
11622	HVCN1.6	8.06E-112	-1.03731	0.117	0.296	1.51E-107	NK cells	HVCN1
11623	ARHGAP9.	1.65E-110	0.60744	0.51	0.351	3.09E-106	NK cells	ARHGAP9
11624	ARFGAP3.3	2.10E-110	0.502328	0.282	0.142	3.94E-106	NK cells	ARFGAP3
11625	DCTN3.4	2.52E-110	0.550993	0.506	0.356	4.74E-106	NK cells	DCTN3
11626	CYB5B.2	2.81E-110	0.508842	0.298	0.153	5.27E-106	NK cells	CYB5B
11627	TADA3.2	7.58E-110	0.544389	0.418	0.258	1.42E-105	NK cells	TADA3
11628	HNRNPF.4	2.69E-109	0.487629	0.755	0.689	5.05E-105	NK cells	HNRNPF
11629	SCLT1.1	3.15E-109	0.409302	0.166	0.063	5.92E-105	NK cells	SCLT1
11630	ANXA4.3	9.94E-109	0.450134	0.289	0.143	1.87E-104	NK cells	ANXA4
11631	CDC42.4	1.15E-108	0.511949	0.752	0.65	2.16E-104	NK cells	CDC42
11632	CDC42SE1.	1.25E-108	0.575393	0.567	0.41	2.35E-104	NK cells	CDC42SE1
11633	BTN3A2.5	1.83E-108	0.583558	0.402	0.243	3.44E-104	NK cells	BTN3A2
11634	DERL1.2	3.08E-108	0.526301	0.318	0.171	5.79E-104	NK cells	DERL1
11635	UBE2L6.2	6.69E-108	0.526755	0.595	0.45	1.26E-103	NK cells	UBE2L6
11636	RFTN1	9.06E-108	0.483692	0.247	0.116	1.70E-103	NK cells	RFTN1
11637	MACF1.3	1.22E-107	0.550048	0.319	0.172	2.28E-103	NK cells	MACF1
11638	KLHDC4	1.34E-107	0.441392	0.207	0.089	2.51E-103	NK cells	KLHDC4
11639	PSMD8.2	1.43E-107	0.546136	0.554	0.421	2.69E-103	NK cells	PSMD8
11640	CD69.3	2.28E-107	0.562878	0.397	0.231	4.28E-103	NK cells	CD69
11641	POMP.4	2.94E-107	0.532346	0.592	0.454	5.51E-103	NK cells	POMP
11642	MMP25-AS.	3.64E-107	0.403375	0.147	0.052	6.83E-103	NK cells	MMP25-AS1
11643	KCTD10	6.70E-107	0.315532	0.119	0.037	1.26E-102	NK cells	KCTD10
11644	CTSH.6	1.77E-106	-0.57864	0.017	0.166	3.33E-102	NK cells	CTSH
11645	NCF4.5	3.44E-106	-0.64522	0.023	0.172	6.46E-102	NK cells	NCF4
11646	LASP1.2	1.22E-105	0.506669	0.284	0.145	2.30E-101	NK cells	LASP1
11647	CD79B.6	1.43E-105	-1.2011	0.15	0.321	2.69E-101	NK cells	CD79B
11648	TMEM59.3	2.33E-105	0.531065	0.674	0.549	4.39E-101	NK cells	TMEM59
11649	BLK.6	2.51E-105	-0.67175	0.006	0.147	4.72E-101	NK cells	BLK
11650	C11orf21.1	2.99E-105	0.51288	0.242	0.116	5.62E-101	NK cells	C11orf21
11651	PSMB2.3	3.54E-105	0.558179	0.468	0.321	6.64E-101	NK cells	PSMB2
11652	TMEM243.	4.93E-105	-0.573	0.217	0.413	9.25E-101	NK cells	TMEM243

11653	AKNA.3	5.25E-105	0.588082	0.369	0.217	9.87E-101	NK cells	AKNA
11654	CD320.2	1.90E-104	0.52268	0.254	0.124	3.56E-100	NK cells	CD320
11655	RAB8B.2	2.54E-104	0.515151	0.259	0.127	4.77E-100	NK cells	RAB8B
11656	JAML.5	6.64E-104	-0.61988	0.032	0.184	1.25E-99	NK cells	JAML
11657	COX5A.6	3.83E-103	0.480291	0.66	0.553	7.20E-99	NK cells	COX5A
11658	NRROS.4	4.62E-103	0.486293	0.224	0.104	8.67E-99	NK cells	NRROS
11659	RSL1D1.4	5.31E-103	-0.51851	0.371	0.568	9.98E-99	NK cells	RSL1D1
11660	SELENOK.2	5.57E-103	0.532297	0.453	0.295	1.05E-98	NK cells	SELENOK
11661	HCK.4	5.71E-103	-0.73091	0.006	0.144	1.07E-98	NK cells	HCK
11662	TES.3	2.53E-102	0.581172	0.424	0.271	4.74E-98	NK cells	TES
11663	BTG1.5	2.84E-102	-0.49545	0.79	0.888	5.33E-98	NK cells	BTG1
11664	BANF1.1	3.47E-102	0.544193	0.6	0.475	6.51E-98	NK cells	BANF1
11665	BPGM.1	6.39E-102	0.357572	0.134	0.046	1.20E-97	NK cells	BPGM
11666	TMA7.4	1.59E-101	0.363551	0.952	0.925	2.98E-97	NK cells	TMA7
11667	PILRB	2.34E-101	0.391122	0.16	0.062	4.40E-97	NK cells	PILRB
11668	TMED10.3	3.47E-101	0.580108	0.471	0.319	6.53E-97	NK cells	TMED10
11669	SLFN12L	8.43E-101	0.314814	0.117	0.037	1.58E-96	NK cells	SLFN12L
11670	CXCR4.6	2.10E-100	-0.69048	0.153	0.339	3.95E-96	NK cells	CXCR4
11671	RPL31.5	8.46E-100	-0.38114	0.794	0.883	1.59E-95	NK cells	RPL31
11672	CD8B.5	1.72E-99	-1.29291	0.058	0.214	3.23E-95	NK cells	CD8B
11673	SNHG7.5	2.98E-99	-0.64206	0.111	0.283	5.59E-95	NK cells	SNHG7
11674	LST1.7	5.79E-99	-1.56966	0.033	0.18	1.09E-94	NK cells	LST1
11675	SNRPB.1	1.28E-98	0.565375	0.557	0.439	2.41E-94	NK cells	SNRPB
11676	ELOVL1.3	2.64E-98	0.491569	0.327	0.184	4.96E-94	NK cells	ELOVL1
11677	SEPT11.2	2.70E-98	0.337464	0.156	0.06	5.07E-94	NK cells	Sep-11
11678	CXCR3	2.70E-98	0.398817	0.172	0.069	5.07E-94	NK cells	CXCR3
11679	WDR83OS.	2.74E-98	0.473576	0.705	0.591	5.14E-94	NK cells	WDR83OS
11680	SPPL2A.1	3.47E-98	0.486138	0.264	0.135	6.51E-94	NK cells	SPPL2A
11681	NLRC3.1	2.21E-97	0.405773	0.192	0.083	4.15E-93	NK cells	NLRC3
11682	MT2A.4	6.61E-97	0.636807	0.501	0.347	1.24E-92	NK cells	MT2A
11683	RNF166.4	1.01E-96	0.53038	0.306	0.17	1.90E-92	NK cells	RNF166
11684	RNF167.4	1.03E-96	0.561011	0.495	0.347	1.94E-92	NK cells	RNF167
11685	FNDC3B.2	1.37E-96	0.387804	0.129	0.045	2.57E-92	NK cells	FNDC3B
11686	RUBCNL.3	1.76E-96	-0.60868	0.007	0.138	3.31E-92	NK cells	RUBCNL
11687	RPS10.4	1.89E-96	-0.54878	0.516	0.68	3.56E-92	NK cells	RPS10
11688	CD40.6	4.01E-96	-0.6662	0.023	0.164	7.54E-92	NK cells	CD40
11689	C12orf57.5	4.23E-96	-0.513	0.638	0.766	7.94E-92	NK cells	C12orf57
11690	TMCO1.1	7.24E-96	0.530507	0.398	0.25	1.36E-91	NK cells	TMCO1
11691	BCAP31.2	1.15E-95	0.492148	0.648	0.528	2.16E-91	NK cells	BCAP31
11692	CD82.5	1.51E-95	-0.64169	0.05	0.197	2.84E-91	NK cells	CD82
11693	CNN2.4	1.63E-95	-0.42002	0.483	0.696	3.07E-91	NK cells	CNN2
11694	IMPDH2.5	3.20E-95	-0.52271	0.209	0.398	6.00E-91	NK cells	IMPDH2
11695	SETD3.1	9.07E-95	0.465407	0.229	0.11	1.70E-90	NK cells	SETD3
11696	IGHD.4	9.87E-95	-0.76513	0.008	0.138	1.85E-90	NK cells	IGHD
11697	STMN3.4	1.47E-94	-0.54492	0.052	0.202	2.75E-90	NK cells	STMN3
11698	DNPH1.2	5.12E-94	-0.51528	0.105	0.269	9.63E-90	NK cells	DNPH1
11699	CARHSP1	5.64E-94	0.517362	0.316	0.18	1.06E-89	NK cells	CARHSP1

11700	ISG15.3	6.48E-94	0.51547	0.435	0.284	1.22E-89 NK cells	ISG15
11701	ARNTL	6.91E-94	0.35316	0.137	0.05	1.30E-89 NK cells	ARNTL
11702	PIGT.1	1.61E-93	0.469665	0.272	0.144	3.02E-89 NK cells	PIGT
11703	NABP2	1.75E-93	0.361916	0.198	0.088	3.28E-89 NK cells	NABP2
11704	IL2RG.2	2.21E-93	0.565354	0.26	0.133	4.15E-89 NK cells	IL2RG
11705	CANX.4	3.85E-93	0.545273	0.435	0.288	7.23E-89 NK cells	CANX
11706	BLNK.4	4.18E-93	-0.54923	0.003	0.127	7.85E-89 NK cells	BLNK
11707	HDDC2.2	4.62E-93	0.52099	0.379	0.235	8.68E-89 NK cells	HDDC2
11708	SACM1L	5.00E-93	0.465539	0.214	0.101	9.40E-89 NK cells	SACM1L
11709	HINT1.4	5.16E-93	-0.35563	0.833	0.92	9.70E-89 NK cells	HINT1
11710	HLA-DOB.4	6.55E-93	-0.61951	0.006	0.132	1.23E-88 NK cells	HLA-DOB
11711	BEX3.6	8.66E-93	-0.57616	0.046	0.192	1.63E-88 NK cells	BEX3
11712	TESC.3	1.36E-92	0.426563	0.192	0.085	2.56E-88 NK cells	TESC
11713	RASAL3.5	1.53E-92	0.546567	0.396	0.251	2.86E-88 NK cells	RASAL3
11714	OXNAD1.5	2.60E-92	-0.60647	0.096	0.257	4.88E-88 NK cells	OXNAD1
11715	SEC61G.6	3.22E-92	0.531629	0.627	0.506	6.05E-88 NK cells	SEC61G
11716	DNAJB11.1	3.58E-92	0.433517	0.26	0.133	6.72E-88 NK cells	DNAJB11
11717	ATP1B3.3	4.04E-92	0.486676	0.276	0.148	7.59E-88 NK cells	ATP1B3
11718	ZBTB38.2	4.17E-92	0.426844	0.214	0.101	7.84E-88 NK cells	ZBTB38
11719	SIRT2.1	1.02E-91	0.450236	0.244	0.123	1.91E-87 NK cells	SIRT2
11720	CBLB.4	1.11E-91	0.464962	0.267	0.138	2.08E-87 NK cells	CBLB
11721	UQCR11.3	1.31E-91	0.434321	0.821	0.742	2.46E-87 NK cells	UQCR11
11722	EIF3L.4	2.33E-91	-0.44552	0.534	0.704	4.39E-87 NK cells	EIF3L
11723	CD24.5	2.57E-91	-0.6737	0.004	0.126	4.83E-87 NK cells	CD24
11724	ARF5.4	4.09E-91	0.445227	0.654	0.534	7.68E-87 NK cells	ARF5
11725	CD4.4	4.95E-91	-0.51483	0.027	0.162	9.30E-87 NK cells	CD4
11726	RPL38.5	5.87E-91	-0.43052	0.703	0.823	1.10E-86 NK cells	RPL38
11727	VDAC3.4	5.98E-91	0.499007	0.439	0.299	1.12E-86 NK cells	VDAC3
11728	EAf2.4	8.37E-91	-0.61371	0.034	0.172	1.57E-86 NK cells	EAf2
11729	SMDT1.4	8.85E-91	-0.43966	0.518	0.693	1.66E-86 NK cells	SMDT1
11730	FCRL1.4	1.06E-90	-0.59918	0.003	0.125	1.99E-86 NK cells	FCRL1
11731	EIF3G.4	1.11E-90	0.489272	0.815	0.761	2.09E-86 NK cells	EIF3G
11732	GNG5.3	1.15E-90	0.387851	0.736	0.627	2.15E-86 NK cells	GNG5
11733	SOCS3.4	1.22E-90	-0.58056	0.031	0.169	2.29E-86 NK cells	SOCS3
11734	RBM8A.1	1.42E-90	0.51403	0.563	0.442	2.67E-86 NK cells	RBM8A
11735	SAR1A.2	1.74E-90	0.449828	0.217	0.104	3.26E-86 NK cells	SAR1A
11736	HIVEP3	1.97E-90	0.25166	0.102	0.032	3.70E-86 NK cells	HIVEP3
11737	ANAPC11.3	2.11E-90	0.51165	0.548	0.422	3.97E-86 NK cells	ANAPC11
11738	FLT3LG.5	2.86E-90	-0.63748	0.23	0.401	5.37E-86 NK cells	FLT3LG
11739	CREM	3.25E-90	0.43983	0.152	0.061	6.10E-86 NK cells	CREM
11740	PTMS.1	5.22E-90	0.312823	0.102	0.032	9.81E-86 NK cells	PTMS
11741	TGFBR1	6.03E-90	0.324192	0.106	0.034	1.13E-85 NK cells	TGFBR1
11742	RGCC.5	2.26E-89	-0.58495	0.069	0.219	4.24E-85 NK cells	RGCC
11743	MARCH1.4	3.02E-89	-0.49175	0.007	0.13	5.67E-85 NK cells	Mar-01
11744	PDE4B.4	3.34E-89	-0.53669	0.039	0.178	6.27E-85 NK cells	PDE4B
11745	GCLM.1	1.11E-88	0.351783	0.146	0.057	2.08E-84 NK cells	GCLM
11746	EIF2S3.2	1.15E-88	-0.47596	0.28	0.468	2.16E-84 NK cells	EIF2S3

11747	RPN2.3	1.27E-88	0.495499	0.544	0.412	2.38E-84	NK cells	RPN2
11748	PHPT1.5	1.30E-88	0.532966	0.397	0.255	2.45E-84	NK cells	PHPT1
11749	SERPINB1.1	1.40E-88	0.432065	0.582	0.437	2.63E-84	NK cells	SERPINB1
11750	IGKC.3	1.53E-88	-2.00454	0.035	0.17	2.88E-84	NK cells	IGKC
11751	CD55.4	1.73E-88	-0.61314	0.251	0.429	3.25E-84	NK cells	CD55
11752	KCNAB2.3	2.71E-88	0.476396	0.309	0.176	5.09E-84	NK cells	KCNAB2
11753	CCND2.3	3.31E-88	0.525358	0.256	0.134	6.22E-84	NK cells	CCND2
11754	CALHM6.6	4.62E-88	-0.70343	0.083	0.234	8.68E-84	NK cells	CALHM6
11755	FKBP2.2	6.15E-88	0.576483	0.424	0.281	1.16E-83	NK cells	FKBP2
11756	SELENOS.4	6.63E-88	0.494194	0.3	0.168	1.25E-83	NK cells	SELENOS
11757	SEC11A.4	6.87E-88	0.476055	0.563	0.422	1.29E-83	NK cells	SEC11A
11758	JAZF1.3	1.26E-87	0.382664	0.191	0.085	2.37E-83	NK cells	JAZF1
11759	POLR3GL.4	2.35E-87	0.523725	0.408	0.266	4.42E-83	NK cells	POLR3GL
11760	VIM.6	2.41E-87	-0.4855	0.686	0.822	4.53E-83	NK cells	VIM
11761	TMEM154.4	6.59E-87	-0.50667	0.032	0.165	1.24E-82	NK cells	TMEM154
11762	TLE1	7.91E-87	0.331042	0.106	0.035	1.49E-82	NK cells	TLE1
11763	IGHV5-78.3	8.14E-87	-0.64456	0.007	0.127	1.53E-82	NK cells	IGHV5-78
11764	RAP2B.1	1.03E-86	0.390297	0.19	0.086	1.93E-82	NK cells	RAP2B
11765	YARS	1.28E-86	0.436846	0.247	0.127	2.40E-82	NK cells	YARS
11766	TUBB4B.3	1.60E-86	0.619287	0.322	0.194	3.00E-82	NK cells	TUBB4B
11767	S100A9.4	1.80E-86	-3.96239	0.086	0.234	3.38E-82	NK cells	S100A9
11768	TRABD.4	2.66E-86	0.494939	0.5	0.358	5.00E-82	NK cells	TRABD
11769	ALKBH7.4	5.54E-86	-0.47579	0.29	0.472	1.04E-81	NK cells	ALKBH7
11770	SWAP70.4	6.61E-86	-0.61315	0.043	0.179	1.24E-81	NK cells	SWAP70
11771	SH3GLB1.2	1.27E-85	0.495199	0.367	0.229	2.38E-81	NK cells	SH3GLB1
11772	AC245297.3	1.74E-85	0.367604	0.136	0.052	3.27E-81	NK cells	AC245297.3
11773	SUB1.2	1.88E-85	0.348934	0.82	0.767	3.54E-81	NK cells	SUB1
11774	ITM2C.4	2.01E-85	-0.60217	0.03	0.16	3.77E-81	NK cells	ITM2C
11775	DNAJB6.4	2.27E-85	0.527017	0.412	0.275	4.26E-81	NK cells	DNAJB6
11776	CDC42EP3.3	2.35E-85	0.435871	0.303	0.171	4.41E-81	NK cells	CDC42EP3
11777	PTPRE.5	2.71E-85	0.402124	0.245	0.125	5.08E-81	NK cells	PTPRE
11778	PGM1	3.07E-85	0.388049	0.229	0.114	5.77E-81	NK cells	PGM1
11779	ARL6IP5.4	3.25E-85	0.438695	0.737	0.638	6.10E-81	NK cells	ARL6IP5
11780	TMED2.2	3.26E-85	0.509743	0.457	0.317	6.12E-81	NK cells	TMED2
11781	RASSF5.4	4.42E-85	0.499563	0.437	0.297	8.30E-81	NK cells	RASSF5
11782	KDELR2.2	6.66E-85	0.484479	0.391	0.248	1.25E-80	NK cells	KDELR2
11783	ABHD2.1	1.36E-84	0.329763	0.134	0.051	2.56E-80	NK cells	ABHD2
11784	LRRN3.5	1.38E-84	-0.56288	0.013	0.133	2.60E-80	NK cells	LRRN3
11785	SRSF3.2	1.84E-84	0.504305	0.599	0.498	3.45E-80	NK cells	SRSF3
11786	CEBPD.1	1.92E-84	0.446222	0.151	0.061	3.61E-80	NK cells	CEBPD
11787	AP2A1.1	2.30E-84	0.429452	0.253	0.133	4.31E-80	NK cells	AP2A1
11788	KRTCAP2.3	3.57E-84	0.439992	0.695	0.594	6.71E-80	NK cells	KRTCAP2
11789	PSMB1.3	4.18E-84	0.457392	0.64	0.552	7.86E-80	NK cells	PSMB1
11790	S100A8.5	4.23E-84	-4.33621	0.099	0.25	7.95E-80	NK cells	S100A8
11791	UCHL5.1	5.15E-84	0.449222	0.258	0.137	9.68E-80	NK cells	UCHL5
11792	C1orf174	6.58E-84	0.399564	0.233	0.117	1.24E-79	NK cells	C1orf174
11793	PPP5C.1	6.71E-84	0.424363	0.247	0.128	1.26E-79	NK cells	PPP5C

11794	MRPS6.2	7.73E-84	0.537025	0.489	0.36	1.45E-79	NK cells	MRPS6
11795	UAP1.1	7.75E-84	0.347259	0.145	0.058	1.45E-79	NK cells	UAP1
11796	APOL6.2	1.90E-83	0.441962	0.193	0.09	3.56E-79	NK cells	APOL6
11797	ARPC5.5	1.92E-83	0.442626	0.703	0.618	3.61E-79	NK cells	ARPC5
11798	PCBP1.5	1.97E-83	0.342355	0.905	0.872	3.71E-79	NK cells	PCBP1
11799	HSPB11	5.81E-83	0.499974	0.338	0.207	1.09E-78	NK cells	HSPB11
11800	LAIR1.3	5.85E-83	0.540734	0.337	0.204	1.10E-78	NK cells	LAIR1
11801	TKT.5	7.40E-83	-0.67758	0.359	0.52	1.39E-78	NK cells	TKT
11802	PARK7.2	9.10E-83	0.43058	0.69	0.62	1.71E-78	NK cells	PARK7
11803	CYCS.2	1.11E-82	0.489708	0.443	0.309	2.09E-78	NK cells	CYCS
11804	SIRPG.6	1.38E-82	-0.54287	0.051	0.183	2.59E-78	NK cells	SIRPG
11805	GPAA1.3	1.43E-82	0.480101	0.356	0.221	2.69E-78	NK cells	GPAA1
11806	SPCS3.4	1.63E-82	0.515132	0.344	0.21	3.06E-78	NK cells	SPCS3
11807	CFP.6	3.92E-82	-0.58678	0.008	0.122	7.37E-78	NK cells	CFP
11808	CD22.5	4.38E-82	-0.56329	0.006	0.119	8.23E-78	NK cells	CD22
11809	IL6ST.5	5.69E-82	-0.50745	0.051	0.187	1.07E-77	NK cells	IL6ST
11810	GIMAP6.4	1.23E-81	0.445851	0.29	0.163	2.31E-77	NK cells	GIMAP6
11811	BIRC3.2	1.65E-81	-0.56661	0.044	0.177	3.09E-77	NK cells	BIRC3
11812	RHOG.4	1.76E-81	0.411591	0.643	0.505	3.30E-77	NK cells	RHOG
11813	C19orf66.3	2.20E-81	0.497008	0.443	0.303	4.14E-77	NK cells	C19orf66
11814	PQLC3.2	3.50E-81	0.438599	0.276	0.154	6.57E-77	NK cells	PQLC3
11815	GSAP.3	3.98E-81	0.443022	0.172	0.077	7.47E-77	NK cells	GSAP
11816	ARHGEF3.2	4.69E-81	0.461063	0.267	0.147	8.80E-77	NK cells	ARHGEF3
11817	HMGB1.5	6.43E-81	0.458919	0.828	0.813	1.21E-76	NK cells	HMGB1
11818	PIK3R1.3	6.91E-81	0.528147	0.316	0.188	1.30E-76	NK cells	PIK3R1
11819	TMEM109	1.26E-80	0.461446	0.382	0.244	2.37E-76	NK cells	TMEM109
11820	ASNA1.1	2.11E-80	0.450649	0.323	0.195	3.96E-76	NK cells	ASNA1
11821	CRELD2.2	5.31E-80	0.45656	0.25	0.133	9.98E-76	NK cells	CRELD2
11822	SYNGR2.4	1.35E-79	-0.61246	0.375	0.525	2.54E-75	NK cells	SYNGR2
11823	FAM96B.2	1.47E-79	0.466579	0.552	0.435	2.76E-75	NK cells	FAM96B
11824	ADCY7.1	5.18E-79	0.404791	0.184	0.086	9.72E-75	NK cells	ADCY7
11825	SQSTM1.4	7.31E-79	0.481972	0.56	0.432	1.37E-74	NK cells	SQSTM1
11826	CASP8.1	1.24E-78	0.481984	0.302	0.178	2.32E-74	NK cells	CASP8
11827	ATP5F1B.2	1.31E-78	0.391695	0.745	0.689	2.45E-74	NK cells	ATP5F1B
11828	R3HDM4.2	1.45E-78	-0.46198	0.198	0.366	2.73E-74	NK cells	R3HDM4
11829	PLD4.4	1.52E-78	-0.5963	0.004	0.112	2.86E-74	NK cells	PLD4
11830	HSPB1.7	1.59E-78	-0.50602	0.304	0.478	3.00E-74	NK cells	HSPB1
11831	VCL.2	2.95E-78	0.358623	0.157	0.068	5.55E-74	NK cells	VCL
11832	NEDD8.2	3.00E-78	0.474613	0.597	0.489	5.63E-74	NK cells	NEDD8
11833	RPL37A.4	3.50E-78	-0.38515	0.756	0.843	6.58E-74	NK cells	RPL37A
11834	DEK.3	7.82E-78	0.530565	0.44	0.319	1.47E-73	NK cells	DEK
11835	H2AFZ.4	1.02E-77	0.675587	0.605	0.518	1.91E-73	NK cells	H2AFZ
11836	IFI30.4	1.39E-77	-0.68519	0.017	0.131	2.60E-73	NK cells	IFI30
11837	SERPINA1.1	1.60E-77	-1.60004	0.01	0.12	3.01E-73	NK cells	SERPINA1
11838	DGKZ.3	2.49E-77	0.440179	0.265	0.146	4.68E-73	NK cells	DGKZ
11839	C9orf16.5	5.05E-77	0.418749	0.682	0.589	9.49E-73	NK cells	C9orf16
11840	TMEM14C	6.36E-77	-0.428	0.093	0.236	1.19E-72	NK cells	TMEM14C

11841	VPS16	7.13E-77	0.381352	0.192	0.092	1.34E-72	NK cells	VPS16
11842	COX17.3	7.94E-77	0.504015	0.422	0.291	1.49E-72	NK cells	COX17
11843	CDCA7L.4	8.99E-77	-0.54623	0.047	0.172	1.69E-72	NK cells	CDCA7L
11844	PARP8.3	1.65E-76	0.439229	0.266	0.147	3.11E-72	NK cells	PARP8
11845	LINC01550	1.88E-76	-0.48387	0.031	0.149	3.53E-72	NK cells	LINC01550
11846	SH3BP5.4	2.02E-76	0.434244	0.366	0.227	3.80E-72	NK cells	SH3BP5
11847	MNDA.6	2.15E-76	-1.00286	0.011	0.121	4.04E-72	NK cells	MNDA
11848	CD180.2	3.03E-76	-0.45064	0.004	0.108	5.70E-72	NK cells	CD180
11849	ATP5MF.5	3.83E-76	0.402295	0.707	0.63	7.20E-72	NK cells	ATP5MF
11850	NCOA1	7.90E-76	0.31059	0.121	0.046	1.48E-71	NK cells	NCOA1
11851	SIGIRR.4	8.52E-76	0.473168	0.519	0.389	1.60E-71	NK cells	SIGIRR
11852	CTDSP1.3	1.30E-75	0.447713	0.293	0.171	2.44E-71	NK cells	CTDSP1
11853	NELL2.5	1.48E-75	-0.46809	0.014	0.125	2.78E-71	NK cells	NELL2
11854	EDF1.1	1.55E-75	0.348123	0.824	0.767	2.90E-71	NK cells	EDF1
11855	RAB8A.3	2.21E-75	0.464473	0.39	0.258	4.14E-71	NK cells	RAB8A
11856	BRK1.2	2.36E-75	0.381197	0.761	0.704	4.43E-71	NK cells	BRK1
11857	POU2F2.5	3.28E-75	-0.54571	0.101	0.245	6.16E-71	NK cells	POU2F2
11858	COMMD4.	3.57E-75	0.384805	0.2	0.098	6.72E-71	NK cells	COMMD4
11859	SPCS2.3	3.79E-75	0.462489	0.538	0.41	7.13E-71	NK cells	SPCS2
11860	RAB31.4	6.28E-75	-0.48205	0.009	0.116	1.18E-70	NK cells	RAB31
11861	PRMT2.5	8.81E-75	0.472097	0.649	0.526	1.66E-70	NK cells	PRMT2
11862	MNAT1	1.16E-74	0.309456	0.148	0.063	2.19E-70	NK cells	MNAT1
11863	COX4I1.2	1.18E-74	-0.26144	0.923	0.962	2.22E-70	NK cells	COX4I1
11864	TSPAN13.4	1.37E-74	-0.54624	0.013	0.122	2.58E-70	NK cells	TSPAN13
11865	ARIH2.2	1.95E-74	0.452147	0.362	0.232	3.67E-70	NK cells	ARIH2
11866	TXNIP.4	2.45E-74	0.43858	0.834	0.766	4.60E-70	NK cells	TXNIP
11867	MT-ND3.4	2.85E-74	-0.29832	0.953	0.972	5.36E-70	NK cells	MT-ND3
11868	HLA-DRB1.	3.51E-74	-1.8011	0.365	0.438	6.59E-70	NK cells	HLA-DRB1
11869	AFF3.5	3.94E-74	-0.50003	0.015	0.124	7.41E-70	NK cells	AFF3
11870	SLFN5.5	5.17E-74	0.466403	0.384	0.248	9.72E-70	NK cells	SLFN5
11871	GLTP.2	8.62E-74	0.418149	0.256	0.143	1.62E-69	NK cells	GLTP
11872	TSEN15.2	1.02E-73	0.418158	0.279	0.16	1.91E-69	NK cells	TSEN15
11873	FCN1.7	1.63E-73	-1.48289	0.009	0.113	3.07E-69	NK cells	FCN1
11874	SDF2	2.18E-73	0.441686	0.289	0.171	4.10E-69	NK cells	SDF2
11875	GAPT.3	2.36E-73	-0.46874	0.006	0.109	4.44E-69	NK cells	GAPT
11876	MIDN.1	2.38E-73	0.378577	0.161	0.073	4.47E-69	NK cells	MIDN
11877	IDI1.2	9.62E-73	0.465608	0.293	0.173	1.81E-68	NK cells	IDI1
11878	CXXC5.6	1.28E-72	0.395688	0.249	0.133	2.40E-68	NK cells	CXXC5
11879	SRI.4	1.30E-72	0.46149	0.498	0.377	2.44E-68	NK cells	SRI
11880	RPL27.4	1.47E-72	-0.26731	0.907	0.955	2.76E-68	NK cells	RPL27
11881	JPT1.5	5.12E-72	0.502212	0.423	0.3	9.61E-68	NK cells	JPT1
11882	TBC1D10C	5.20E-72	0.398385	0.749	0.656	9.77E-68	NK cells	TBC1D10C
11883	RNPEPL1.2	5.24E-72	0.402609	0.218	0.114	9.84E-68	NK cells	RNPEPL1
11884	NFATC3.3	5.75E-72	0.412898	0.264	0.149	1.08E-67	NK cells	NFATC3
11885	GNG7.3	8.84E-72	-0.41446	0.006	0.107	1.66E-67	NK cells	GNG7
11886	MPEG1.2	1.31E-71	-0.42115	0.005	0.106	2.46E-67	NK cells	MPEG1
11887	KIFAP3.1	1.50E-71	0.346648	0.162	0.074	2.81E-67	NK cells	KIFAP3

11888	ARHGDIB.4	2.90E-71	0.262837	0.961	0.961	5.45E-67	NK cells	ARHGDIB
11889	FEN1.1	6.55E-71	0.296087	0.127	0.051	1.23E-66	NK cells	FEN1
11890	BCL11A.3	7.56E-71	-0.42179	0.003	0.1	1.42E-66	NK cells	BCL11A
11891	FAM102A..	8.25E-71	-0.42441	0.031	0.143	1.55E-66	NK cells	FAM102A
11892	RAB11FIP1	1.15E-70	0.378269	0.188	0.092	2.16E-66	NK cells	RAB11FIP1
11893	RPL17.4	1.61E-70	-0.38172	0.566	0.723	3.03E-66	NK cells	RPL17
11894	AC119396.	2.00E-70	-0.47501	0.125	0.269	3.75E-66	NK cells	AC119396.1
11895	SHISA5.2	3.18E-70	0.446425	0.559	0.439	5.98E-66	NK cells	SHISA5
11896	PIN1.1	3.30E-70	0.45482	0.384	0.26	6.20E-66	NK cells	PIN1
11897	CMTM7.2	3.69E-70	-0.44289	0.107	0.245	6.93E-66	NK cells	CMTM7
11898	LYZ.6	5.10E-70	-2.26197	0.029	0.14	9.59E-66	NK cells	LYZ
11899	DAD1.3	1.25E-69	0.426306	0.666	0.578	2.35E-65	NK cells	DAD1
11900	KLRG1.2	1.81E-69	0.339752	0.172	0.08	3.41E-65	NK cells	KLRG1
11901	CCNI.2	3.45E-69	-0.31203	0.792	0.877	6.48E-65	NK cells	CCNI
11902	CIB1.4	3.52E-69	0.426808	0.612	0.51	6.61E-65	NK cells	CIB1
11903	LY96.1	3.69E-69	-0.38178	0.015	0.118	6.92E-65	NK cells	LY96
11904	TXN.5	3.75E-69	0.360761	0.483	0.351	7.05E-65	NK cells	TXN
11905	VCP.3	6.74E-69	0.450318	0.513	0.396	1.27E-64	NK cells	VCP
11906	CAPG.5	7.24E-69	-0.54563	0.088	0.22	1.36E-64	NK cells	CAPG
11907	FBXW5.2	7.32E-69	0.479128	0.359	0.236	1.38E-64	NK cells	FBXW5
11908	ATOX1.5	8.33E-69	0.484133	0.352	0.229	1.57E-64	NK cells	ATOX1
11909	POLR2K.1	1.17E-68	0.469936	0.397	0.274	2.20E-64	NK cells	POLR2K
11910	NDUFS6.4	1.28E-68	0.465043	0.472	0.356	2.41E-64	NK cells	NDUFS6
11911	PLP2.3	4.15E-68	-0.49961	0.228	0.383	7.80E-64	NK cells	PLP2
11912	PIM2.4	5.18E-68	-0.50159	0.17	0.317	9.73E-64	NK cells	PIM2
11913	GBP4.2	5.75E-68	0.389537	0.221	0.117	1.08E-63	NK cells	GBP4
11914	PSMA4.4	5.80E-68	0.481057	0.44	0.323	1.09E-63	NK cells	PSMA4
11915	UBE2E3.2	6.88E-68	0.404628	0.298	0.182	1.29E-63	NK cells	UBE2E3
11916	COMTD1	8.70E-68	0.373081	0.217	0.115	1.63E-63	NK cells	COMTD1
11917	PPP2R5C.5	1.71E-67	0.437347	0.32	0.199	3.20E-63	NK cells	PPP2R5C
11918	SCIMP.5	2.67E-67	-0.43071	0.01	0.107	5.01E-63	NK cells	SCIMP
11919	IKBKG.2	3.04E-67	0.391752	0.217	0.115	5.71E-63	NK cells	IKBKG
11920	RAC1.4	3.04E-67	0.313373	0.621	0.488	5.72E-63	NK cells	RAC1
11921	LINC00861	3.41E-67	0.38181	0.605	0.438	6.40E-63	NK cells	LINC00861
11922	VPS26A	4.70E-67	0.408107	0.24	0.134	8.84E-63	NK cells	VPS26A
11923	BAX.3	4.98E-67	0.504612	0.495	0.374	9.35E-63	NK cells	BAX
11924	DNAJC3.3	5.02E-67	0.390948	0.249	0.141	9.44E-63	NK cells	DNAJC3
11925	RNASE6.3	6.76E-67	-0.44613	0.016	0.118	1.27E-62	NK cells	RNASE6
11926	ARF6.2	7.14E-67	0.448598	0.312	0.193	1.34E-62	NK cells	ARF6
11927	FCMR.6	7.98E-67	-0.56205	0.459	0.585	1.50E-62	NK cells	FCMR
11928	IGLC3.3	1.51E-66	-1.03147	0.008	0.103	2.84E-62	NK cells	IGLC3
11929	UFC1.2	1.79E-66	0.429796	0.597	0.503	3.36E-62	NK cells	UFC1
11930	LAPTM5.4	1.83E-66	-0.43134	0.793	0.876	3.44E-62	NK cells	LAPTM5
11931	MT-CO1.3	2.20E-66	0.273292	0.998	0.996	4.13E-62	NK cells	MT-CO1
11932	LRP10.2	4.07E-66	0.447694	0.357	0.236	7.64E-62	NK cells	LRP10
11933	MARCKSL1	4.51E-66	-0.48473	0.14	0.282	8.47E-62	NK cells	MARCKSL1
11934	EIF2B2	4.64E-66	0.348603	0.181	0.09	8.71E-62	NK cells	EIF2B2

11935	COPE.3	4.72E-66	0.449407	0.577	0.479	8.87E-62	NK cells	COPE
11936	PCED1B.4	7.92E-66	-0.53793	0.165	0.305	1.49E-61	NK cells	PCED1B
11937	TMEM160.	8.45E-66	0.439765	0.452	0.334	1.59E-61	NK cells	TMEM160
11938	TNFRSF1B.	1.20E-65	0.306241	0.264	0.148	2.25E-61	NK cells	TNFRSF1B
11939	ATP5IF1.1	1.32E-65	0.41849	0.647	0.574	2.48E-61	NK cells	ATP5IF1
11940	IL4R.4	1.76E-65	-0.58331	0.082	0.207	3.30E-61	NK cells	IL4R
11941	NFKBIZ.2	1.79E-65	-0.39975	0.038	0.148	3.36E-61	NK cells	NFKBIZ
11942	PSMB3.4	1.91E-65	0.407944	0.6	0.502	3.59E-61	NK cells	PSMB3
11943	M6PR.2	2.51E-65	0.436685	0.482	0.362	4.72E-61	NK cells	M6PR
11944	FCRL3.2	2.81E-65	0.332461	0.138	0.06	5.27E-61	NK cells	FCRL3
11945	CFD.2	3.51E-65	-0.86216	0.008	0.101	6.60E-61	NK cells	CFD
11946	TOMM7.5	4.42E-65	-0.32806	0.72	0.828	8.31E-61	NK cells	TOMM7
11947	ARL6IP1.1	4.63E-65	0.419211	0.227	0.125	8.69E-61	NK cells	ARL6IP1
11948	CD44.5	5.30E-65	-0.40473	0.285	0.449	9.95E-61	NK cells	CD44
11949	ENO1.4	7.09E-65	0.39898	0.7	0.641	1.33E-60	NK cells	ENO1
11950	NCF2.2	7.41E-65	-0.46748	0.008	0.101	1.39E-60	NK cells	NCF2
11951	CIDEB	7.80E-65	0.257971	0.105	0.04	1.47E-60	NK cells	CIDEB
11952	ITGB1BP1.	8.58E-65	0.444831	0.318	0.203	1.61E-60	NK cells	ITGB1BP1
11953	CD68.6	1.90E-64	-0.7429	0.013	0.109	3.58E-60	NK cells	CD68
11954	ATP6V0E1.	1.93E-64	0.366149	0.757	0.686	3.63E-60	NK cells	ATP6V0E1
11955	NDUFA12..	6.37E-64	0.404634	0.628	0.551	1.20E-59	NK cells	NDUFA12
11956	LCP2.3	7.15E-64	0.428029	0.474	0.347	1.34E-59	NK cells	LCP2
11957	SSBP3	9.38E-64	0.290221	0.118	0.049	1.76E-59	NK cells	SSBP3
11958	AC025164.	1.13E-63	-0.4368	0.047	0.16	2.13E-59	NK cells	AC025164.1
11959	GNB2.5	1.28E-63	0.418849	0.519	0.399	2.40E-59	NK cells	GNB2
11960	S100A6.6	1.85E-63	-0.2654	0.819	0.747	3.47E-59	NK cells	S100A6
11961	TNFAIP3	1.94E-63	0.358949	0.173	0.085	3.64E-59	NK cells	TNFAIP3
11962	UXT.3	2.41E-63	-0.36044	0.515	0.667	4.52E-59	NK cells	UXT
11963	COPZ1.2	2.76E-63	0.45735	0.427	0.31	5.19E-59	NK cells	COPZ1
11964	POU2AF1.4	3.14E-63	-0.41824	0.01	0.101	5.89E-59	NK cells	POU2AF1
11965	RNF7.3	3.36E-63	0.426468	0.513	0.402	6.31E-59	NK cells	RNF7
11966	LEPROTL1.	3.44E-63	-0.48856	0.375	0.511	6.47E-59	NK cells	LEPROTL1
11967	CD2BP2.2	3.89E-63	0.422939	0.306	0.193	7.30E-59	NK cells	CD2BP2
11968	C16orf74.2	5.48E-63	-0.38956	0.017	0.115	1.03E-58	NK cells	C16orf74
11969	PLEKHA1.3	1.68E-62	0.400214	0.229	0.128	3.16E-58	NK cells	PLEKHA1
11970	FAM30A.4	1.97E-62	-0.53516	0.009	0.1	3.70E-58	NK cells	FAM30A
11971	KLF6.6	2.64E-62	0.416428	0.442	0.31	4.96E-58	NK cells	KLF6
11972	SSNA1.1	2.98E-62	0.440399	0.46	0.348	5.60E-58	NK cells	SSNA1
11973	VPS37B.3	4.54E-62	0.395779	0.236	0.134	8.53E-58	NK cells	VPS37B
11974	GIMAP4.5	5.92E-62	0.31634	0.716	0.558	1.11E-57	NK cells	GIMAP4
11975	NAPA	6.01E-62	0.439745	0.428	0.312	1.13E-57	NK cells	NAPA
11976	HHEX.4	6.10E-62	-0.4018	0.023	0.123	1.15E-57	NK cells	HHEX
11977	HLA-DRB5.	6.37E-62	-1.93822	0.317	0.399	1.20E-57	NK cells	HLA-DRB5
11978	EPHX2.4	6.57E-62	-0.36901	0.018	0.114	1.23E-57	NK cells	EPHX2
11979	PDIA4.3	9.31E-62	0.425213	0.331	0.214	1.75E-57	NK cells	PDIA4
11980	RNF115.1	1.14E-61	0.355739	0.24	0.136	2.14E-57	NK cells	RNF115
11981	ZNF276	1.47E-61	0.38522	0.197	0.105	2.77E-57	NK cells	ZNF276

11982	TCF4.5	1.51E-61	-0.46248	0.03	0.132	2.83E-57	NK cells	TCF4
11983	TWF2.3	1.81E-61	0.418967	0.534	0.427	3.41E-57	NK cells	TWF2
11984	CDKN2D.4	2.28E-61	0.458261	0.301	0.19	4.27E-57	NK cells	CDKN2D
11985	NSA2.3	3.27E-61	-0.38739	0.375	0.534	6.15E-57	NK cells	NSA2
11986	SKA2.1	3.33E-61	0.326269	0.177	0.089	6.25E-57	NK cells	SKA2
11987	SRPK2.3	3.50E-61	0.438313	0.376	0.259	6.58E-57	NK cells	SRPK2
11988	APP.3	3.51E-61	-0.3326	0.015	0.108	6.59E-57	NK cells	APP
11989	LSM1.1	3.55E-61	0.382255	0.304	0.191	6.66E-57	NK cells	LSM1
11990	CD72.6	4.44E-61	-0.71509	0.055	0.164	8.34E-57	NK cells	CD72
11991	MAP1LC3B	4.55E-61	0.448539	0.481	0.368	8.55E-57	NK cells	MAP1LC3B
11992	ATP5MD.5	5.36E-61	0.396865	0.684	0.608	1.01E-56	NK cells	ATP5MD
11993	UBE2E2.1	6.42E-61	-0.32484	0.011	0.102	1.21E-56	NK cells	UBE2E2
11994	RNASEH2A	7.68E-61	0.284194	0.165	0.08	1.44E-56	NK cells	RNASEH2A
11995	VPS26B.1	8.36E-61	0.372025	0.199	0.107	1.57E-56	NK cells	VPS26B
11996	CD40LG.4	8.43E-61	-0.44846	0.023	0.119	1.58E-56	NK cells	CD40LG
11997	RPL23.4	8.74E-61	-0.36019	0.512	0.665	1.64E-56	NK cells	RPL23
11998	PRKAR1A.4	9.53E-61	0.455125	0.426	0.309	1.79E-56	NK cells	PRKAR1A
11999	SUMO1.1	1.09E-60	0.390616	0.588	0.498	2.04E-56	NK cells	SUMO1
12000	PSMC3.1	1.48E-60	0.415719	0.361	0.248	2.78E-56	NK cells	PSMC3
12001	SMIM29.4	1.95E-60	0.409723	0.282	0.173	3.67E-56	NK cells	SMIM29
12002	LINC02273	2.01E-60	-0.40273	0.048	0.155	3.78E-56	NK cells	LINC02273
12003	AC022706.1	2.70E-60	0.284965	0.102	0.04	5.08E-56	NK cells	AC022706.1
12004	IFI35.2	2.86E-60	0.407725	0.315	0.202	5.37E-56	NK cells	IFI35
12005	XPNPEP1.1	3.30E-60	0.319882	0.181	0.093	6.21E-56	NK cells	XPNPEP1
12006	RER1.2	4.10E-60	0.430403	0.427	0.314	7.71E-56	NK cells	RER1
12007	ETFA.2	4.37E-60	0.400138	0.343	0.231	8.21E-56	NK cells	ETFA
12008	SFT2D1.2	5.60E-60	0.456024	0.351	0.236	1.05E-55	NK cells	SFT2D1
12009	CPQ.1	7.72E-60	0.289679	0.11	0.045	1.45E-55	NK cells	CPQ
12010	DYNLT1.6	1.15E-59	0.410289	0.401	0.281	2.17E-55	NK cells	DYNLT1
12011	BCL2A1.4	1.73E-59	-0.61373	0.061	0.173	3.25E-55	NK cells	BCL2A1
12012	DENND1B	1.95E-59	0.264919	0.117	0.05	3.67E-55	NK cells	DENND1B
12013	ATP6V1G1	2.74E-59	-0.3095	0.676	0.798	5.15E-55	NK cells	ATP6V1G1
12014	CD96.5	5.10E-59	0.371536	0.3	0.186	9.58E-55	NK cells	CD96
12015	RAB5IF.3	6.53E-59	0.424811	0.399	0.283	1.23E-54	NK cells	RAB5IF
12016	JCHAIN.4	6.61E-59	-1.63306	0.022	0.117	1.24E-54	NK cells	JCHAIN
12017	SORL1.4	7.21E-59	0.409977	0.291	0.184	1.36E-54	NK cells	SORL1
12018	TACC3.4	9.74E-59	-0.38468	0.087	0.205	1.83E-54	NK cells	TACC3
12019	IFI16.5	1.22E-58	0.425608	0.416	0.3	2.29E-54	NK cells	IFI16
12020	MEAF6.2	1.86E-58	0.393633	0.511	0.398	3.49E-54	NK cells	MEAF6
12021	RABIF.1	1.97E-58	0.370563	0.226	0.128	3.69E-54	NK cells	RABIF
12022	PRR13.4	2.02E-58	0.351394	0.718	0.652	3.79E-54	NK cells	PRR13
12023	TMEM9B	2.45E-58	0.415418	0.368	0.255	4.60E-54	NK cells	TMEM9B
12024	BTLA.2	2.61E-58	-0.4044	0.013	0.101	4.91E-54	NK cells	BTLA
12025	ACTR1A.1	2.70E-58	0.390971	0.273	0.168	5.07E-54	NK cells	ACTR1A
12026	TRG-AS1.1	2.73E-58	0.357698	0.151	0.072	5.13E-54	NK cells	TRG-AS1
12027	RASA3.6	3.32E-58	0.439714	0.302	0.196	6.25E-54	NK cells	RASA3
12028	VASP.3	4.57E-58	0.391534	0.33	0.216	8.58E-54	NK cells	VASP

12029	AKAP13.3	6.72E-58	0.4264	0.409	0.291	1.26E-53	NK cells	AKAP13
12030	UHMK1.2	1.17E-57	0.391586	0.284	0.177	2.19E-53	NK cells	UHMK1
12031	CASP4.2	1.28E-57	0.426988	0.4	0.284	2.41E-53	NK cells	CASP4
12032	RPA2.3	1.34E-57	0.408462	0.405	0.287	2.51E-53	NK cells	RPA2
12033	TRAC.4	1.53E-57	-0.49177	0.159	0.29	2.87E-53	NK cells	TRAC
12034	PTTG1.1	1.84E-57	0.36718	0.104	0.042	3.46E-53	NK cells	PTTG1
12035	S100A12.5	2.70E-57	-2.69712	0.025	0.118	5.06E-53	NK cells	S100A12
12036	CLEC2D.4	2.71E-57	-0.41121	0.191	0.33	5.10E-53	NK cells	CLEC2D
12037	MPG.3	6.26E-57	0.42896	0.395	0.283	1.18E-52	NK cells	MPG
12038	NT5C.5	7.99E-57	0.391395	0.489	0.369	1.50E-52	NK cells	NT5C
12039	ADRM1.2	8.54E-57	0.404106	0.459	0.351	1.60E-52	NK cells	ADRM1
12040	MAML2.3	9.00E-57	-0.3872	0.059	0.168	1.69E-52	NK cells	MAML2
12041	IGLC2.3	9.34E-57	-1.14422	0.019	0.109	1.76E-52	NK cells	IGLC2
12042	TSC22D4.2	9.97E-57	0.416638	0.44	0.327	1.87E-52	NK cells	TSC22D4
12043	RIN3.4	1.16E-56	0.425563	0.319	0.213	2.17E-52	NK cells	RIN3
12044	UQCRCQ.5	1.17E-56	0.39302	0.565	0.474	2.20E-52	NK cells	UQCRCQ
12045	ADK.3	1.77E-56	-0.46399	0.102	0.219	3.33E-52	NK cells	ADK
12046	LIMS2.2	2.07E-56	-0.37456	0.019	0.107	3.89E-52	NK cells	LIMS2
12047	CMTM3.2	2.38E-56	0.356929	0.222	0.126	4.47E-52	NK cells	CMTM3
12048	CYC1.2	2.52E-56	0.427855	0.432	0.324	4.74E-52	NK cells	CYC1
12049	ST13.3	2.64E-56	-0.35207	0.5	0.638	4.96E-52	NK cells	ST13
12050	TUBB.4	3.79E-56	0.733369	0.628	0.578	7.12E-52	NK cells	TUBB
12051	TRAPPC10	4.01E-56	0.270134	0.109	0.046	7.53E-52	NK cells	TRAPPC10
12052	CHMP7.3	5.77E-56	-0.41918	0.125	0.248	1.08E-51	NK cells	CHMP7
12053	SLC16A3.3	6.11E-56	0.360333	0.197	0.107	1.15E-51	NK cells	SLC16A3
12054	ABHD12	6.37E-56	0.294202	0.167	0.085	1.20E-51	NK cells	ABHD12
12055	NUCB1.4	6.69E-56	0.458954	0.436	0.332	1.26E-51	NK cells	NUCB1
12056	SEC11C.3	8.20E-56	0.330995	0.371	0.258	1.54E-51	NK cells	SEC11C
12057	UBE2L3.3	8.86E-56	0.42095	0.424	0.318	1.67E-51	NK cells	UBE2L3
12058	CYB561A3.	9.55E-56	-0.61805	0.137	0.255	1.79E-51	NK cells	CYB561A3
12059	NEDD9	1.20E-55	0.330729	0.144	0.069	2.25E-51	NK cells	NEDD9
12060	INPP4B.3	1.32E-55	-0.38949	0.04	0.138	2.49E-51	NK cells	INPP4B
12061	ARHGAP3C	1.36E-55	0.453973	0.415	0.305	2.55E-51	NK cells	ARHGAP30
12062	COX7A2.4	1.90E-55	0.34873	0.73	0.695	3.58E-51	NK cells	COX7A2
12063	THEMIS.5	3.31E-55	-0.37634	0.037	0.133	6.22E-51	NK cells	THEMIS
12064	A1BG.2	3.38E-55	-0.35452	0.058	0.164	6.35E-51	NK cells	A1BG
12065	TMEM173.	4.11E-55	0.393914	0.292	0.186	7.72E-51	NK cells	TMEM173
12066	CLDND1.1	4.87E-55	0.419593	0.259	0.159	9.14E-51	NK cells	CLDND1
12067	RPS19BP1.	6.05E-55	0.449639	0.441	0.334	1.14E-50	NK cells	RPS19BP1
12068	PLPP5.5	6.97E-55	-0.72598	0.108	0.22	1.31E-50	NK cells	PLPP5
12069	RAB3GAP1	7.63E-55	-0.31293	0.035	0.132	1.43E-50	NK cells	RAB3GAP1
12070	MT-CYB.2	8.13E-55	-0.27344	0.922	0.953	1.53E-50	NK cells	MT-CYB
12071	EIF5A.3	9.46E-55	0.42177	0.597	0.525	1.78E-50	NK cells	EIF5A
12072	PTPN18.2	1.03E-54	0.320779	0.205	0.114	1.93E-50	NK cells	PTPN18
12073	RCN2.2	1.19E-54	0.412655	0.381	0.269	2.23E-50	NK cells	RCN2
12074	PSMC4.1	1.40E-54	0.384988	0.342	0.233	2.64E-50	NK cells	PSMC4
12075	HNRNPA3.	1.46E-54	0.421243	0.596	0.532	2.74E-50	NK cells	HNRNPA3

12076	SUPT4H1.5	1.74E-54	0.438465	0.436	0.326	3.27E-50	NK cells	SUPT4H1
12077	YBX3.3	2.74E-54	-0.36839	0.02	0.107	5.14E-50	NK cells	YBX3
12078	ATG4D	3.36E-54	0.257887	0.125	0.056	6.31E-50	NK cells	ATG4D
12079	CD151.3	3.39E-54	0.3332	0.185	0.1	6.37E-50	NK cells	CD151
12080	UBASH3A.1	3.46E-54	-0.37229	0.037	0.13	6.50E-50	NK cells	UBASH3A
12081	TMED1	3.51E-54	0.319302	0.145	0.071	6.60E-50	NK cells	TMED1
12082	HIPK2	3.87E-54	0.354338	0.119	0.054	7.27E-50	NK cells	HIPK2
12083	DNMT1.3	3.88E-54	0.410623	0.311	0.207	7.29E-50	NK cells	DNMT1
12084	PSMA3.2	4.21E-54	0.433023	0.383	0.279	7.91E-50	NK cells	PSMA3
12085	GZMK.1	4.37E-54	0.353383	0.102	0.041	8.21E-50	NK cells	GZMK
12086	MDH2.4	8.64E-54	0.390218	0.541	0.451	1.62E-49	NK cells	MDH2
12087	ERN1.1	1.01E-53	0.286051	0.117	0.052	1.90E-49	NK cells	ERN1
12088	BTG2.3	1.35E-53	-0.43637	0.16	0.293	2.54E-49	NK cells	BTG2
12089	SRSF9.1	1.53E-53	0.415384	0.377	0.269	2.87E-49	NK cells	SRSF9
12090	UQCR10.4	1.97E-53	0.338681	0.763	0.721	3.71E-49	NK cells	UQCR10
12091	NDUFV1.2	2.24E-53	0.42075	0.453	0.351	4.20E-49	NK cells	NDUFV1
12092	LDHA.4	2.32E-53	0.38633	0.653	0.588	4.37E-49	NK cells	LDHA
12093	HSP90AB1	2.33E-53	-0.25827	0.75	0.848	4.38E-49	NK cells	HSP90AB1
12094	TMEM204	2.68E-53	-0.395	0.076	0.184	5.03E-49	NK cells	TMEM204
12095	RECQL.1	4.69E-53	0.365061	0.27	0.169	8.82E-49	NK cells	RECQL
12096	COX7B.5	6.28E-53	0.408024	0.569	0.485	1.18E-48	NK cells	COX7B
12097	SEM1.4	7.60E-53	0.412678	0.498	0.409	1.43E-48	NK cells	SEM1
12098	SLC35B1.1	8.69E-53	0.288702	0.181	0.097	1.63E-48	NK cells	SLC35B1
12099	CERS4.1	8.88E-53	0.321112	0.159	0.08	1.67E-48	NK cells	CERS4
12100	BLOC1S1.2	8.90E-53	0.377178	0.527	0.416	1.67E-48	NK cells	BLOC1S1
12101	MED15.1	1.21E-52	0.341049	0.249	0.151	2.27E-48	NK cells	MED15
12102	SERINC5.3	1.26E-52	-0.32962	0.029	0.118	2.37E-48	NK cells	SERINC5
12103	ZFP36L2.6	2.82E-52	0.343617	0.709	0.624	5.31E-48	NK cells	ZFP36L2
12104	PPA1.4	3.45E-52	-0.34841	0.245	0.386	6.47E-48	NK cells	PPA1
12105	LINC00623	3.68E-52	0.384657	0.247	0.15	6.91E-48	NK cells	LINC00623
12106	EIF3F.3	3.80E-52	-0.28908	0.667	0.793	7.13E-48	NK cells	EIF3F
12107	ZDHHC24.1	4.22E-52	0.316992	0.185	0.101	7.92E-48	NK cells	ZDHHC24
12108	HINT2	4.32E-52	0.392143	0.303	0.199	8.11E-48	NK cells	HINT2
12109	SMAP2.5	4.32E-52	-0.3913	0.132	0.253	8.12E-48	NK cells	SMAP2
12110	ATP6V1F.2	5.35E-52	0.365125	0.583	0.485	1.00E-47	NK cells	ATP6V1F
12111	TMIGD2.3	1.06E-51	0.504252	0.279	0.182	1.98E-47	NK cells	TMIGD2
12112	TNFAIP8.5	1.24E-51	-0.37276	0.362	0.503	2.33E-47	NK cells	TNFAIP8
12113	ATP5PF.3	2.10E-51	0.356765	0.624	0.558	3.95E-47	NK cells	ATP5PF
12114	INPP4A.1	2.24E-51	0.321354	0.148	0.074	4.21E-47	NK cells	INPP4A
12115	ARHGAP25	2.40E-51	0.362086	0.297	0.191	4.52E-47	NK cells	ARHGAP25
12116	ILKAP.1	2.69E-51	0.386207	0.304	0.201	5.06E-47	NK cells	ILKAP
12117	PEX2	3.49E-51	0.328922	0.233	0.139	6.55E-47	NK cells	PEX2
12118	ATP5PB.1	4.55E-51	0.359322	0.642	0.589	8.54E-47	NK cells	ATP5PB
12119	PPP4C.2	6.96E-51	0.386629	0.51	0.417	1.31E-46	NK cells	PPP4C
12120	SURF4.1	1.07E-50	0.363268	0.271	0.172	2.00E-46	NK cells	SURF4
12121	RABGAP1L	1.17E-50	0.360157	0.259	0.161	2.20E-46	NK cells	RABGAP1L
12122	ACP1.2	1.31E-50	0.397049	0.495	0.404	2.45E-46	NK cells	ACP1

12123	GATA3.4	1.86E-50	0.285171	0.196	0.108	3.50E-46	NK cells	GATA3
12124	ANP32B.5	1.88E-50	-0.27111	0.494	0.663	3.52E-46	NK cells	ANP32B
12125	PRDX1.5	2.40E-50	-0.27651	0.383	0.549	4.51E-46	NK cells	PRDX1
12126	DTX3	3.05E-50	0.275713	0.116	0.053	5.72E-46	NK cells	DTX3
12127	DPM2.2	3.14E-50	0.339462	0.261	0.163	5.89E-46	NK cells	DPM2
12128	TMEM179B	3.38E-50	0.417835	0.458	0.357	6.35E-46	NK cells	TMEM179B
12129	COMMD5	3.46E-50	0.340411	0.227	0.136	6.49E-46	NK cells	COMMD5
12130	PPM1G.1	5.99E-50	0.389734	0.453	0.357	1.13E-45	NK cells	PPM1G
12131	PASK.2	6.02E-50	-0.43952	0.036	0.125	1.13E-45	NK cells	PASK
12132	FDPS.2	7.45E-50	0.396358	0.319	0.218	1.40E-45	NK cells	FDPS
12133	FAM173A	9.88E-50	0.405385	0.308	0.208	1.86E-45	NK cells	FAM173A
12134	SLC25A11	1.13E-49	0.38304	0.289	0.19	2.11E-45	NK cells	SLC25A11
12135	MT-ND1.5	1.29E-49	-0.32566	0.782	0.866	2.42E-45	NK cells	MT-ND1
12136	MT-ND2.5	1.75E-49	-0.31377	0.761	0.856	3.29E-45	NK cells	MT-ND2
12137	MX2.3	1.84E-49	-0.33738	0.081	0.188	3.46E-45	NK cells	MX2
12138	NDUFA1.5	1.89E-49	0.345438	0.676	0.618	3.56E-45	NK cells	NDUFA1
12139	BRD2.1	2.26E-49	0.389632	0.414	0.307	4.25E-45	NK cells	BRD2
12140	PDZD11	3.09E-49	0.285928	0.165	0.087	5.80E-45	NK cells	PDZD11
12141	OVCA2.1	3.97E-49	0.366939	0.258	0.164	7.45E-45	NK cells	OVCA2
12142	DERL2.1	4.13E-49	0.376181	0.282	0.184	7.76E-45	NK cells	DERL2
12143	PA2G4.2	5.95E-49	0.387247	0.531	0.449	1.12E-44	NK cells	PA2G4
12144	SH3YL1.4	6.53E-49	-0.35768	0.094	0.204	1.23E-44	NK cells	SH3YL1
12145	NDUFA4.4	8.61E-49	0.309399	0.746	0.714	1.62E-44	NK cells	NDUFA4
12146	ZCCHC17.2	1.07E-48	0.318376	0.191	0.108	2.00E-44	NK cells	ZCCHC17
12147	GRN.4	1.23E-48	-0.76662	0.134	0.241	2.31E-44	NK cells	GRN
12148	VDAC1.2	1.60E-48	0.410403	0.421	0.327	3.01E-44	NK cells	VDAC1
12149	DEF6.4	1.72E-48	0.410633	0.435	0.335	3.22E-44	NK cells	DEF6
12150	SAMD9L	2.10E-48	0.310441	0.192	0.109	3.94E-44	NK cells	SAMD9L
12151	RABAC1.3	2.19E-48	0.385172	0.56	0.463	4.11E-44	NK cells	RABAC1
12152	INPP5D.2	2.76E-48	0.332587	0.229	0.138	5.18E-44	NK cells	INPP5D
12153	CAPN1.3	2.83E-48	0.347878	0.301	0.201	5.31E-44	NK cells	CAPN1
12154	PITPNC1.3	3.58E-48	0.370584	0.253	0.16	6.73E-44	NK cells	PITPNC1
12155	UPP1.4	4.22E-48	0.420616	0.292	0.195	7.92E-44	NK cells	UPP1
12156	BUD31.2	4.34E-48	0.410624	0.385	0.284	8.15E-44	NK cells	BUD31
12157	CAPZB.5	4.83E-48	0.311161	0.769	0.734	9.08E-44	NK cells	CAPZB
12158	PPIE.2	6.40E-48	0.356876	0.3	0.2	1.20E-43	NK cells	PPIE
12159	MZB1.4	9.74E-48	-0.78194	0.039	0.125	1.83E-43	NK cells	MZB1
12160	TRMT1.2	1.28E-47	-0.32802	0.136	0.255	2.40E-43	NK cells	TRMT1
12161	SELENOH.4	1.49E-47	-0.29881	0.59	0.726	2.80E-43	NK cells	SELENOH
12162	GPR174.1	1.55E-47	0.338769	0.167	0.09	2.92E-43	NK cells	GPR174
12163	ZNF428.4	1.58E-47	0.409316	0.42	0.32	2.97E-43	NK cells	ZNF428
12164	CELF2.2	1.58E-47	0.408968	0.4	0.297	2.97E-43	NK cells	CELF2
12165	RPUSD3.1	1.90E-47	0.350098	0.272	0.175	3.56E-43	NK cells	RPUSD3
12166	GRINA.3	2.58E-47	-0.39855	0.143	0.262	4.85E-43	NK cells	GRINA
12167	LPGAT1.1	3.13E-47	0.288908	0.143	0.072	5.87E-43	NK cells	LPGAT1
12168	TMEM107	3.34E-47	0.314675	0.158	0.084	6.28E-43	NK cells	TMEM107
12169	GADD45B	4.38E-47	0.379204	0.259	0.164	8.22E-43	NK cells	GADD45B

12170	WDR45.1	5.96E-47	0.366728	0.252	0.16	1.12E-42	NK cells	WDR45
12171	PCBD1.2	6.84E-47	0.286423	0.16	0.086	1.29E-42	NK cells	PCBD1
12172	COMMD8.	6.86E-47	0.362728	0.301	0.202	1.29E-42	NK cells	COMMD8
12173	C4orf48.5	7.39E-47	-0.40507	0.187	0.309	1.39E-42	NK cells	C4orf48
12174	HYOU1.1	7.62E-47	0.262824	0.111	0.051	1.43E-42	NK cells	HYOU1
12175	APEX1.4	7.98E-47	-0.32257	0.354	0.491	1.50E-42	NK cells	APEX1
12176	SET.5	8.96E-47	0.411909	0.474	0.382	1.68E-42	NK cells	SET
12177	RPS29.4	1.15E-46	-0.32698	0.768	0.835	2.16E-42	NK cells	RPS29
12178	RPN1.2	1.16E-46	0.381624	0.452	0.355	2.17E-42	NK cells	RPN1
12179	ATP5ME.2	1.53E-46	0.431764	0.62	0.541	2.86E-42	NK cells	ATP5ME
12180	MLLT6	1.56E-46	0.31074	0.172	0.095	2.93E-42	NK cells	MLLT6
12181	HELZ	2.04E-46	0.335486	0.205	0.12	3.82E-42	NK cells	HELZ
12182	PLEKHF2.5	2.08E-46	-0.37157	0.078	0.178	3.92E-42	NK cells	PLEKHF2
12183	LTA4H.5	2.29E-46	-0.40031	0.233	0.357	4.31E-42	NK cells	LTA4H
12184	SNRPG.3	2.82E-46	0.402383	0.576	0.516	5.29E-42	NK cells	SNRPG
12185	CCDC88C.1	3.44E-46	0.351949	0.213	0.128	6.46E-42	NK cells	CCDC88C
12186	STK17A.4	4.52E-46	0.371835	0.514	0.407	8.50E-42	NK cells	STK17A
12187	TOMM5.2	5.19E-46	0.382952	0.462	0.367	9.75E-42	NK cells	TOMM5
12188	BNIP3L.3	6.49E-46	-0.33212	0.193	0.32	1.22E-41	NK cells	BNIP3L
12189	RSU1.2	7.27E-46	0.352565	0.34	0.24	1.36E-41	NK cells	RSU1
12190	C19orf12	7.81E-46	0.284239	0.143	0.073	1.47E-41	NK cells	C19orf12
12191	B3GALT4	1.34E-45	0.306946	0.17	0.094	2.51E-41	NK cells	B3GALT4
12192	PPP2R1A.2	1.51E-45	0.358589	0.545	0.463	2.84E-41	NK cells	PPP2R1A
12193	PRNP	1.73E-45	0.350881	0.212	0.128	3.25E-41	NK cells	PRNP
12194	TUBA1B.5	2.23E-45	0.941428	0.562	0.514	4.18E-41	NK cells	TUBA1B
12195	TAPBPL.1	2.49E-45	0.37152	0.221	0.136	4.68E-41	NK cells	TAPBPL
12196	PIK3R5	2.97E-45	0.339691	0.181	0.104	5.58E-41	NK cells	PIK3R5
12197	LCK.5	2.97E-45	0.273488	0.696	0.548	5.59E-41	NK cells	LCK
12198	FCGR2B.4	3.30E-45	-0.31032	0.027	0.107	6.20E-41	NK cells	FCGR2B
12199	MRPS12.1	3.39E-45	0.372796	0.344	0.246	6.37E-41	NK cells	MRPS12
12200	OTUB1.1	3.54E-45	0.367897	0.579	0.503	6.64E-41	NK cells	OTUB1
12201	SH3BP2.3	4.51E-45	0.306082	0.193	0.111	8.48E-41	NK cells	SH3BP2
12202	FAM50A.2	4.83E-45	0.368599	0.312	0.215	9.08E-41	NK cells	FAM50A
12203	IER3IP1.1	4.94E-45	0.348573	0.205	0.123	9.29E-41	NK cells	IER3IP1
12204	NDUFA3.3	6.37E-45	0.381756	0.63	0.557	1.20E-40	NK cells	NDUFA3
12205	PRKACB.1	8.76E-45	0.373618	0.346	0.244	1.64E-40	NK cells	PRKACB
12206	HCLS1.5	1.04E-44	0.322382	0.711	0.662	1.96E-40	NK cells	HCLS1
12207	H2AFV.5	1.39E-44	0.509232	0.43	0.355	2.62E-40	NK cells	H2AFV
12208	NFKBIB	2.20E-44	0.265939	0.147	0.077	4.14E-40	NK cells	NFKBIB
12209	CKS2.2	2.29E-44	0.28941	0.155	0.083	4.30E-40	NK cells	CKS2
12210	SH3KBP1.3	2.92E-44	0.380799	0.372	0.274	5.48E-40	NK cells	SH3KBP1
12211	NRBP1.2	4.08E-44	0.383251	0.358	0.262	7.67E-40	NK cells	NRBP1
12212	ABLIM1.5	4.49E-44	-0.36773	0.167	0.282	8.43E-40	NK cells	ABLIM1
12213	ARID5A.3	4.53E-44	0.353648	0.275	0.182	8.51E-40	NK cells	ARID5A
12214	TMEM106C	4.65E-44	0.300865	0.173	0.097	8.74E-40	NK cells	TMEM106C
12215	LGALS3BP.	7.26E-44	-0.29054	0.033	0.113	1.36E-39	NK cells	LGALS3BP
12216	SLC35B2	7.40E-44	0.289574	0.176	0.099	1.39E-39	NK cells	SLC35B2

12217	DAPP1.2	9.42E-44	-0.30404	0.027	0.103	1.77E-39	NK cells	DAPP1
12218	MCRIP1.2	1.04E-43	0.353808	0.325	0.226	1.95E-39	NK cells	MCRIP1
12219	C17orf49.1	1.29E-43	0.366914	0.289	0.196	2.42E-39	NK cells	C17orf49
12220	OCIAD2.2	1.37E-43	-0.34539	0.313	0.437	2.57E-39	NK cells	OCIAD2
12221	DCXR.3	1.51E-43	0.389819	0.498	0.411	2.83E-39	NK cells	DCXR
12222	C18orf32.1	2.15E-43	0.374458	0.26	0.172	4.05E-39	NK cells	C18orf32
12223	ELP6.1	4.33E-43	0.282171	0.182	0.104	8.13E-39	NK cells	ELP6
12224	SNX9.3	4.34E-43	-0.29459	0.035	0.115	8.16E-39	NK cells	SNX9
12225	VAMP2.3	4.55E-43	0.368465	0.492	0.398	8.55E-39	NK cells	VAMP2
12226	RCBTB2.1	5.17E-43	0.30576	0.113	0.055	9.72E-39	NK cells	RCBTB2
12227	SPSB3.2	5.35E-43	0.369197	0.5	0.407	1.01E-38	NK cells	SPSB3
12228	GRAP.3	6.09E-43	-0.30109	0.033	0.112	1.14E-38	NK cells	GRAP
12229	LYPLA2.1	6.66E-43	0.361047	0.32	0.226	1.25E-38	NK cells	LYPLA2
12230	CIAO1.1	7.54E-43	0.346637	0.269	0.179	1.42E-38	NK cells	CIAO1
12231	RNF141.4	9.84E-43	-0.34755	0.07	0.161	1.85E-38	NK cells	RNF141
12232	SAMD9.2	1.19E-42	0.371791	0.239	0.152	2.23E-38	NK cells	SAMD9
12233	CHI3L2.3	1.53E-42	-0.39132	0.071	0.162	2.87E-38	NK cells	CHI3L2
12234	PIM3.2	1.92E-42	-0.32673	0.088	0.185	3.60E-38	NK cells	PIM3
12235	PIGS	2.45E-42	0.279499	0.189	0.111	4.60E-38	NK cells	PIGS
12236	ATP5F1C.3	2.67E-42	0.332814	0.589	0.532	5.01E-38	NK cells	ATP5F1C
12237	MCRS1.1	2.71E-42	0.339474	0.272	0.181	5.08E-38	NK cells	MCRS1
12238	STK26.2	5.29E-42	0.32603	0.2	0.12	9.94E-38	NK cells	STK26
12239	GATAD2A	5.45E-42	0.27825	0.131	0.067	1.02E-37	NK cells	GATAD2A
12240	EMB.2	5.52E-42	0.340186	0.305	0.208	1.04E-37	NK cells	EMB
12241	TOR2A	5.84E-42	0.283902	0.156	0.086	1.10E-37	NK cells	TOR2A
12242	DYNLRB1.2	7.97E-42	0.372422	0.485	0.397	1.50E-37	NK cells	DYNLRB1
12243	SESN3.1	9.02E-42	-0.28477	0.028	0.103	1.69E-37	NK cells	SESN3
12244	ARL5A.1	9.20E-42	0.333222	0.366	0.269	1.73E-37	NK cells	ARL5A
12245	LINC02446	9.70E-42	-0.73763	0.054	0.139	1.82E-37	NK cells	LINC02446
12246	TMX1.1	1.04E-41	0.344606	0.308	0.215	1.96E-37	NK cells	TMX1
12247	B3GAT3	1.23E-41	0.352946	0.27	0.18	2.32E-37	NK cells	B3GAT3
12248	DNAJC8.2	1.29E-41	0.372035	0.483	0.396	2.41E-37	NK cells	DNAJC8
12249	UBE2Q2	1.39E-41	0.293726	0.167	0.094	2.61E-37	NK cells	UBE2Q2
12250	GOLGA7.3	1.49E-41	0.359066	0.367	0.272	2.80E-37	NK cells	GOLGA7
12251	PSMD14.2	1.90E-41	0.306339	0.216	0.133	3.57E-37	NK cells	PSMD14
12252	RTN4.5	1.94E-41	0.389342	0.38	0.286	3.65E-37	NK cells	RTN4
12253	HSPA8.5	2.14E-41	0.258174	0.903	0.863	4.03E-37	NK cells	HSPA8
12254	MAP2K3.2	4.50E-41	0.331468	0.307	0.214	8.45E-37	NK cells	MAP2K3
12255	BTN3A1.2	5.41E-41	0.312655	0.181	0.107	1.02E-36	NK cells	BTN3A1
12256	MTHFD2.3	7.32E-41	0.33785	0.211	0.131	1.37E-36	NK cells	MTHFD2
12257	BUB3.2	8.95E-41	0.347572	0.52	0.441	1.68E-36	NK cells	BUB3
12258	TERF2IP.1	1.00E-40	0.365298	0.416	0.323	1.89E-36	NK cells	TERF2IP
12259	COX6C.3	1.05E-40	0.267789	0.798	0.766	1.96E-36	NK cells	COX6C
12260	ZNHIT1.3	1.25E-40	0.37898	0.436	0.343	2.36E-36	NK cells	ZNHIT1
12261	POLR2E.1	1.53E-40	0.350743	0.442	0.352	2.88E-36	NK cells	POLR2E
12262	COPS6.1	1.63E-40	0.369945	0.428	0.339	3.06E-36	NK cells	COPS6
12263	TINF2.3	1.71E-40	0.375832	0.351	0.26	3.21E-36	NK cells	TINF2

12264	TOMM20.1	1.74E-40	-0.28345	0.343	0.472	3.26E-36	NK cells	TOMM20
12265	MAPRE1.1	2.43E-40	0.36285	0.281	0.193	4.57E-36	NK cells	MAPRE1
12266	MPPE1.1	3.30E-40	0.31262	0.22	0.138	6.20E-36	NK cells	MPPE1
12267	RNF126.2	5.03E-40	0.356876	0.306	0.216	9.45E-36	NK cells	RNF126
12268	MLEC.2	5.11E-40	0.281227	0.204	0.124	9.60E-36	NK cells	MLEC
12269	PCNA.1	5.84E-40	0.315575	0.169	0.097	1.10E-35	NK cells	PCNA
12270	LPP	6.15E-40	0.300292	0.16	0.091	1.15E-35	NK cells	LPP
12271	FBXO7.3	6.53E-40	0.332998	0.345	0.252	1.23E-35	NK cells	FBXO7
12272	UNC50.1	6.74E-40	0.371682	0.245	0.162	1.27E-35	NK cells	UNC50
12273	UTP11	7.25E-40	0.250063	0.151	0.083	1.36E-35	NK cells	UTP11
12274	CMTM6.3	1.02E-39	0.347341	0.417	0.319	1.91E-35	NK cells	CMTM6
12275	SELENOM.	1.85E-39	-0.2594	0.033	0.108	3.47E-35	NK cells	SELENOM
12276	NUAK2.4	2.22E-39	-0.29209	0.057	0.142	4.17E-35	NK cells	NUAK2
12277	EHD1.2	2.28E-39	0.32798	0.258	0.171	4.28E-35	NK cells	EHD1
12278	PBDC1.1	2.85E-39	0.321972	0.255	0.169	5.35E-35	NK cells	PBDC1
12279	SLAMF6.2	3.10E-39	0.275035	0.165	0.093	5.83E-35	NK cells	SLAMF6
12280	RNF181.2	3.95E-39	0.362713	0.439	0.347	7.41E-35	NK cells	RNF181
12281	PKM.4	4.02E-39	-0.30625	0.489	0.622	7.55E-35	NK cells	PKM
12282	UBE2A.1	4.70E-39	0.309964	0.308	0.216	8.82E-35	NK cells	UBE2A
12283	PSMD13.1	5.05E-39	0.341886	0.43	0.344	9.49E-35	NK cells	PSMD13
12284	AKR7A2.1	5.32E-39	0.337045	0.331	0.239	1.00E-34	NK cells	AKR7A2
12285	ATP6AP2.2	5.39E-39	0.352807	0.469	0.384	1.01E-34	NK cells	ATP6AP2
12286	RPL27A.3	6.23E-39	-0.2789	0.548	0.668	1.17E-34	NK cells	RPL27A
12287	MESD.2	6.74E-39	0.345701	0.324	0.234	1.27E-34	NK cells	MESD
12288	TECR.4	7.01E-39	0.390813	0.51	0.438	1.32E-34	NK cells	TECR
12289	SLC52A2.2	1.03E-38	0.316913	0.194	0.119	1.93E-34	NK cells	SLC52A2
12290	TIMM17A.	1.28E-38	0.287981	0.225	0.143	2.41E-34	NK cells	TIMM17A
12291	CPT1A.1	1.47E-38	0.275715	0.132	0.07	2.77E-34	NK cells	CPT1A
12292	STN1	1.51E-38	0.299923	0.193	0.117	2.84E-34	NK cells	STN1
12293	CDC37.2	1.58E-38	0.308893	0.649	0.592	2.97E-34	NK cells	CDC37
12294	PTPRCAP.3	1.93E-38	0.405951	0.568	0.473	3.63E-34	NK cells	PTPRCAP
12295	SNX29.2	2.30E-38	-0.30309	0.046	0.124	4.32E-34	NK cells	SNX29
12296	LY9.3	2.43E-38	-0.29365	0.104	0.201	4.57E-34	NK cells	LY9
12297	CDK17	2.45E-38	0.269614	0.155	0.087	4.60E-34	NK cells	CDK17
12298	EIF4B.3	2.61E-38	-0.28399	0.464	0.585	4.90E-34	NK cells	EIF4B
12299	SSR2.4	3.88E-38	0.265184	0.777	0.738	7.28E-34	NK cells	SSR2
12300	DECR1.1	6.20E-38	0.363226	0.41	0.325	1.16E-33	NK cells	DECR1
12301	MECP2.1	6.37E-38	0.287704	0.202	0.124	1.20E-33	NK cells	MECP2
12302	FIBP.1	6.66E-38	0.35836	0.347	0.258	1.25E-33	NK cells	FIBP
12303	NARF	7.67E-38	0.301371	0.266	0.18	1.44E-33	NK cells	NARF
12304	DCAF5.2	8.00E-38	0.298621	0.181	0.109	1.50E-33	NK cells	DCAF5
12305	ADD1.3	8.83E-38	0.32092	0.264	0.177	1.66E-33	NK cells	ADD1
12306	CCDC124	1.09E-37	0.345815	0.325	0.238	2.05E-33	NK cells	CCDC124
12307	SKP1.2	1.15E-37	0.255658	0.817	0.799	2.16E-33	NK cells	SKP1
12308	TMEM35B	1.16E-37	0.321974	0.256	0.171	2.18E-33	NK cells	TMEM35B
12309	CRYZ	1.20E-37	0.27683	0.162	0.093	2.25E-33	NK cells	CRYZ
12310	OSTC.4	1.22E-37	0.327067	0.512	0.428	2.29E-33	NK cells	OSTC

12311	MRPL51.2	1.44E-37	0.368546	0.436	0.364	2.70E-33	NK cells	MRPL51
12312	RRBP1.2	1.46E-37	0.26866	0.148	0.082	2.73E-33	NK cells	RRBP1
12313	NAXE.2	1.69E-37	0.363491	0.36	0.272	3.17E-33	NK cells	NAXE
12314	PRKCQ.3	2.03E-37	0.255809	0.166	0.096	3.81E-33	NK cells	PRKCQ
12315	UCP2.6	2.10E-37	0.258343	0.815	0.777	3.95E-33	NK cells	UCP2
12316	CSK.6	2.12E-37	0.298792	0.577	0.496	3.99E-33	NK cells	CSK
12317	MFSD10.2	3.27E-37	0.360944	0.367	0.278	6.14E-33	NK cells	MFSD10
12318	IAH1.3	3.72E-37	0.325062	0.322	0.233	6.99E-33	NK cells	IAH1
12319	NCL.2	3.76E-37	0.276612	0.752	0.727	7.06E-33	NK cells	NCL
12320	GUSB.2	4.40E-37	0.29063	0.228	0.148	8.26E-33	NK cells	GUSB
12321	CHMP1A	4.44E-37	0.272941	0.209	0.131	8.34E-33	NK cells	CHMP1A
12322	TROVE2.1	4.70E-37	0.334166	0.278	0.193	8.83E-33	NK cells	TROVE2
12323	ERG28.3	5.98E-37	0.28725	0.218	0.138	1.12E-32	NK cells	ERG28
12324	FLOT1.3	8.16E-37	0.352683	0.369	0.282	1.53E-32	NK cells	FLOT1
12325	SEC62.2	8.28E-37	-0.30066	0.408	0.533	1.56E-32	NK cells	SEC62
12326	LMF2	9.16E-37	0.297007	0.229	0.149	1.72E-32	NK cells	LMF2
12327	ITCH	9.65E-37	0.303447	0.162	0.094	1.81E-32	NK cells	ITCH
12328	RNPS1.4	1.12E-36	0.350402	0.512	0.445	2.11E-32	NK cells	RNPS1
12329	GLRX.4	1.13E-36	0.32129	0.447	0.354	2.11E-32	NK cells	GLRX
12330	FPGS.2	1.17E-36	0.297735	0.24	0.159	2.19E-32	NK cells	FPGS
12331	POP4.1	1.22E-36	0.299792	0.24	0.158	2.28E-32	NK cells	POP4
12332	KPNA2.1	1.27E-36	0.261105	0.139	0.077	2.38E-32	NK cells	KPNA2
12333	MGMT	1.85E-36	0.341511	0.315	0.229	3.47E-32	NK cells	MGMT
12334	REEP5.6	2.44E-36	0.327474	0.416	0.321	4.59E-32	NK cells	REEP5
12335	SERBP1.2	2.44E-36	0.322291	0.622	0.577	4.59E-32	NK cells	SERBP1
12336	ICAM3.2	2.77E-36	0.313047	0.661	0.606	5.20E-32	NK cells	ICAM3
12337	SNAP29.3	3.74E-36	0.283767	0.198	0.123	7.03E-32	NK cells	SNAP29
12338	SNX6.1	4.13E-36	0.339564	0.486	0.407	7.76E-32	NK cells	SNX6
12339	ABCF1	4.31E-36	0.296832	0.223	0.144	8.10E-32	NK cells	ABCF1
12340	SRA1.2	4.96E-36	0.310752	0.303	0.216	9.31E-32	NK cells	SRA1
12341	ITGA6.4	5.21E-36	-0.27819	0.049	0.124	9.79E-32	NK cells	ITGA6
12342	ICAM2.4	5.22E-36	0.375353	0.461	0.383	9.80E-32	NK cells	ICAM2
12343	DNAJB14.2	5.93E-36	0.317919	0.231	0.152	1.11E-31	NK cells	DNAJB14
12344	RASSF2.2	6.25E-36	-0.26124	0.036	0.105	1.17E-31	NK cells	RASSF2
12345	CTSZ.2	6.52E-36	-0.26547	0.039	0.111	1.22E-31	NK cells	CTSZ
12346	SYAP1	7.15E-36	0.295004	0.215	0.137	1.34E-31	NK cells	SYAP1
12347	EMC7.2	7.97E-36	0.324374	0.321	0.235	1.50E-31	NK cells	EMC7
12348	SLA.2	8.74E-36	0.317521	0.213	0.137	1.64E-31	NK cells	SLA
12349	ZNF581.3	9.20E-36	-0.27622	0.098	0.189	1.73E-31	NK cells	ZNF581
12350	CHMP2A.2	1.08E-35	0.345334	0.338	0.252	2.03E-31	NK cells	CHMP2A
12351	RAB6A.1	1.10E-35	0.324779	0.268	0.186	2.06E-31	NK cells	RAB6A
12352	LMAN1.3	1.10E-35	0.27691	0.275	0.187	2.07E-31	NK cells	LMAN1
12353	TSPAN14.2	1.11E-35	0.332567	0.332	0.245	2.09E-31	NK cells	TSPAN14
12354	UBE2I.1	1.28E-35	0.293374	0.617	0.566	2.41E-31	NK cells	UBE2I
12355	RBM3.2	1.28E-35	0.383443	0.617	0.58	2.41E-31	NK cells	RBM3
12356	AGTPBP1.4	1.29E-35	0.303431	0.179	0.109	2.43E-31	NK cells	AGTPBP1
12357	ACADVL.3	1.34E-35	0.351404	0.399	0.315	2.51E-31	NK cells	ACADVL

12358	LRPAP1.4	1.46E-35	0.331397	0.36	0.272	2.75E-31	NK cells	LRPAP1
12359	ARRB2.5	1.59E-35	0.279343	0.504	0.403	2.98E-31	NK cells	ARRB2
12360	ATP6AP1.1	1.59E-35	0.347637	0.303	0.22	2.99E-31	NK cells	ATP6AP1
12361	ATP6V0D1	1.63E-35	0.290654	0.412	0.313	3.06E-31	NK cells	ATP6V0D1
12362	ATP6V1D	1.72E-35	0.266318	0.173	0.103	3.23E-31	NK cells	ATP6V1D
12363	CD6.5	2.15E-35	-0.3128	0.127	0.222	4.04E-31	NK cells	CD6
12364	PPT1.4	2.46E-35	-0.29523	0.146	0.243	4.62E-31	NK cells	PPT1
12365	NME4.3	3.06E-35	-0.25758	0.106	0.199	5.75E-31	NK cells	NME4
12366	FTH1.5	3.66E-35	-0.7375	0.957	0.983	6.87E-31	NK cells	FTH1
12367	NCK1.1	3.85E-35	0.310886	0.237	0.157	7.24E-31	NK cells	NCK1
12368	BORCS6	3.91E-35	0.291295	0.174	0.105	7.34E-31	NK cells	BORCS6
12369	RAB7A.2	4.02E-35	0.327674	0.506	0.428	7.55E-31	NK cells	RAB7A
12370	SAP18.2	5.08E-35	0.286513	0.668	0.634	9.54E-31	NK cells	SAP18
12371	TAPBP.1	5.30E-35	0.357435	0.459	0.375	9.96E-31	NK cells	TAPBP
12372	CRELD1.2	5.96E-35	0.316554	0.177	0.108	1.12E-30	NK cells	CRELD1
12373	ARHGEF1.5	6.08E-35	0.324974	0.614	0.551	1.14E-30	NK cells	ARHGEF1
12374	NDUFC2.2	6.23E-35	0.326049	0.288	0.204	1.17E-30	NK cells	NDUFC2
12375	HNRNPUL1	6.33E-35	0.315318	0.316	0.229	1.19E-30	NK cells	HNRNPUL1
12376	CEMIP2	8.86E-35	0.276887	0.157	0.091	1.66E-30	NK cells	CEMIP2
12377	STK17B.3	9.56E-35	-0.25971	0.267	0.387	1.80E-30	NK cells	STK17B
12378	ZYX.5	1.06E-34	0.266239	0.486	0.388	1.99E-30	NK cells	ZYX
12379	FMNL1.5	1.07E-34	0.352279	0.263	0.182	2.00E-30	NK cells	FMNL1
12380	TMBIM1.2	1.22E-34	0.329349	0.267	0.186	2.29E-30	NK cells	TMBIM1
12381	TSTA3	1.33E-34	0.319653	0.272	0.189	2.49E-30	NK cells	TSTA3
12382	ITPA	1.36E-34	0.320891	0.275	0.193	2.56E-30	NK cells	ITPA
12383	LNPEP.1	1.38E-34	0.376359	0.302	0.22	2.60E-30	NK cells	LNPEP
12384	P2RY10.2	1.69E-34	-0.28454	0.048	0.12	3.17E-30	NK cells	P2RY10
12385	PEBP1.4	2.15E-34	-0.28349	0.415	0.53	4.04E-30	NK cells	PEBP1
12386	RBBP7.2	2.31E-34	0.340056	0.359	0.276	4.34E-30	NK cells	RBBP7
12387	DDA1	2.32E-34	0.268715	0.202	0.128	4.37E-30	NK cells	DDA1
12388	WAS.3	3.05E-34	0.316125	0.561	0.488	5.73E-30	NK cells	WAS
12389	UROS	3.22E-34	0.282301	0.221	0.145	6.05E-30	NK cells	UROS
12390	RIPOR2.4	3.26E-34	-0.26031	0.478	0.605	6.12E-30	NK cells	RIPOR2
12391	WASHC4.4	3.80E-34	-0.30033	0.114	0.205	7.15E-30	NK cells	WASHC4
12392	EMC6.1	7.28E-34	0.319786	0.349	0.265	1.37E-29	NK cells	EMC6
12393	IDH3G.1	7.34E-34	0.309948	0.328	0.244	1.38E-29	NK cells	IDH3G
12394	RPS27L.3	7.50E-34	0.366692	0.484	0.411	1.41E-29	NK cells	RPS27L
12395	RAB2A.2	7.55E-34	0.327449	0.401	0.318	1.42E-29	NK cells	RAB2A
12396	FO393401.1	9.29E-34	0.298993	0.128	0.071	1.75E-29	NK cells	FO393401.1
12397	HIST1H1E.1	1.06E-33	0.478664	0.282	0.203	2.00E-29	NK cells	HIST1H1E
12398	PSENEN	1.20E-33	0.335556	0.224	0.15	2.26E-29	NK cells	PSENEN
12399	CORO1B.3	1.26E-33	-0.2971	0.212	0.322	2.37E-29	NK cells	CORO1B
12400	MT-ND5.3	1.37E-33	0.310273	0.747	0.713	2.58E-29	NK cells	MT-ND5
12401	DCPS.2	1.68E-33	0.279168	0.218	0.143	3.16E-29	NK cells	DCPS
12402	DYNC1H1.1	1.78E-33	0.331729	0.258	0.178	3.34E-29	NK cells	DYNC1H1
12403	CMC2.2	1.86E-33	0.30132	0.246	0.169	3.49E-29	NK cells	CMC2
12404	NAA38.3	2.04E-33	0.353317	0.466	0.391	3.84E-29	NK cells	NAA38

12405	EIF4EBP2.1	2.09E-33	0.297716	0.23	0.154	3.93E-29	NK cells	EIF4EBP2
12406	PSMD2.1	2.82E-33	0.325159	0.357	0.276	5.29E-29	NK cells	PSMD2
12407	PPIH.2	2.89E-33	0.321368	0.316	0.232	5.43E-29	NK cells	PPIH
12408	SRSF2.2	3.08E-33	0.376895	0.47	0.406	5.78E-29	NK cells	SRSF2
12409	CD28.3	5.01E-33	-0.27798	0.043	0.11	9.41E-29	NK cells	CD28
12410	SEC61A1.2	5.84E-33	0.285957	0.236	0.159	1.10E-28	NK cells	SEC61A1
12411	VTI1B.2	6.03E-33	0.324798	0.312	0.23	1.13E-28	NK cells	VTI1B
12412	EIF6.1	6.47E-33	0.346977	0.396	0.315	1.21E-28	NK cells	EIF6
12413	ENSA.3	6.52E-33	0.340157	0.419	0.341	1.23E-28	NK cells	ENSA
12414	ATF6B.2	6.57E-33	0.325313	0.375	0.289	1.23E-28	NK cells	ATF6B
12415	PYURF.4	7.65E-33	0.331435	0.497	0.426	1.44E-28	NK cells	PYURF
12416	MOB2.3	7.85E-33	0.281108	0.237	0.16	1.47E-28	NK cells	MOB2
12417	SLC25A37.	1.05E-32	-0.46723	0.046	0.115	1.98E-28	NK cells	SLC25A37
12418	KIAA0040.	1.17E-32	-0.3118	0.092	0.174	2.20E-28	NK cells	KIAA0040
12419	ACSL5	1.33E-32	0.250519	0.154	0.091	2.49E-28	NK cells	ACSL5
12420	GABPB1-A.	1.37E-32	-0.29092	0.1	0.184	2.58E-28	NK cells	GABPB1-AS1
12421	TMED5.2	1.41E-32	0.323389	0.247	0.171	2.65E-28	NK cells	TMED5
12422	CYFIP2.2	1.74E-32	0.341687	0.406	0.322	3.27E-28	NK cells	CYFIP2
12423	ZBTB8OS.3	1.84E-32	0.3298	0.285	0.205	3.45E-28	NK cells	ZBTB8OS
12424	AP2M1.1	2.08E-32	0.320223	0.503	0.433	3.90E-28	NK cells	AP2M1
12425	TMEM258.	2.09E-32	0.299512	0.669	0.633	3.93E-28	NK cells	TMEM258
12426	MED30.1	2.86E-32	0.272007	0.246	0.167	5.38E-28	NK cells	MED30
12427	PPP1R7.1	2.92E-32	0.330217	0.333	0.252	5.48E-28	NK cells	PPP1R7
12428	SUCLG1.2	3.30E-32	0.333404	0.362	0.283	6.21E-28	NK cells	SUCLG1
12429	PDLIM2.2	3.39E-32	0.341395	0.334	0.252	6.36E-28	NK cells	PDLIM2
12430	MCM3.1	3.47E-32	0.326435	0.226	0.154	6.51E-28	NK cells	MCM3
12431	VPS25.1	3.69E-32	0.286809	0.253	0.175	6.94E-28	NK cells	VPS25
12432	MPC1.2	3.85E-32	0.280524	0.264	0.183	7.24E-28	NK cells	MPC1
12433	TGFBR2.3	4.04E-32	-0.27363	0.158	0.256	7.58E-28	NK cells	TGFBR2
12434	PLEC.3	4.65E-32	-0.26747	0.068	0.143	8.73E-28	NK cells	PLEC
12435	LSM3.2	4.79E-32	0.334896	0.394	0.32	9.01E-28	NK cells	LSM3
12436	HLA-DPB1.	4.84E-32	-1.43496	0.455	0.454	9.10E-28	NK cells	HLA-DPB1
12437	SLC25A3.3	4.93E-32	0.251529	0.741	0.72	9.27E-28	NK cells	SLC25A3
12438	CCNDBP1.	5.22E-32	0.305781	0.45	0.369	9.80E-28	NK cells	CCNDBP1
12439	ANXA11.2	5.37E-32	0.302614	0.613	0.566	1.01E-27	NK cells	ANXA11
12440	MIF4GD.1	5.38E-32	0.305339	0.267	0.187	1.01E-27	NK cells	MIF4GD
12441	HEXB.2	6.82E-32	0.276413	0.211	0.14	1.28E-27	NK cells	HEXB
12442	EMD.3	7.38E-32	0.324536	0.464	0.391	1.39E-27	NK cells	EMD
12443	NDUFB6.3	8.41E-32	0.321814	0.415	0.34	1.58E-27	NK cells	NDUFB6
12444	ARID5B.3	8.90E-32	-0.33682	0.144	0.234	1.67E-27	NK cells	ARID5B
12445	PCSK7.1	9.83E-32	0.307894	0.233	0.159	1.85E-27	NK cells	PCSK7
12446	PSMC1.1	1.02E-31	0.291223	0.295	0.215	1.91E-27	NK cells	PSMC1
12447	MRPL20.1	1.02E-31	0.338514	0.473	0.404	1.92E-27	NK cells	MRPL20
12448	MAGED2.4	1.16E-31	0.318597	0.294	0.215	2.17E-27	NK cells	MAGED2
12449	HSPD1.4	1.75E-31	-0.2541	0.344	0.46	3.28E-27	NK cells	HSPD1
12450	PEF1	1.80E-31	0.283972	0.24	0.164	3.38E-27	NK cells	PEF1
12451	PREB.1	2.23E-31	0.288925	0.24	0.163	4.19E-27	NK cells	PREB

12452	PUF60.3	2.47E-31	0.333638	0.454	0.385	4.63E-27	NK cells	PUF60
12453	HMGNA4.3	2.72E-31	0.325526	0.36	0.278	5.10E-27	NK cells	HMGNA4
12454	CTSS.4	2.90E-31	-0.78578	0.287	0.365	5.46E-27	NK cells	CTSS
12455	SF3B4.1	3.09E-31	0.299921	0.406	0.329	5.81E-27	NK cells	SF3B4
12456	ZNF706.2	3.60E-31	-0.2551	0.402	0.518	6.75E-27	NK cells	ZNF706
12457	NDUFA11.1	3.75E-31	0.326411	0.521	0.456	7.05E-27	NK cells	NDUFA11
12458	SSBP2.5	4.24E-31	-0.28345	0.063	0.135	7.97E-27	NK cells	SSBP2
12459	PSD4.1	4.30E-31	0.264488	0.176	0.109	8.08E-27	NK cells	PSD4
12460	SNRPD3.1	5.72E-31	0.307389	0.529	0.469	1.07E-26	NK cells	SNRPD3
12461	TMEM141.1	6.33E-31	0.299328	0.287	0.208	1.19E-26	NK cells	TMEM141
12462	PPP1R2.3	7.27E-31	-0.25191	0.316	0.429	1.36E-26	NK cells	PPP1R2
12463	EMC3.2	7.46E-31	0.283884	0.263	0.185	1.40E-26	NK cells	EMC3
12464	CCDC69.2	7.76E-31	0.316033	0.266	0.19	1.46E-26	NK cells	CCDC69
12465	CCDC12.4	8.55E-31	0.323324	0.367	0.286	1.61E-26	NK cells	CCDC12
12466	SRP9.3	8.90E-31	0.280307	0.619	0.587	1.67E-26	NK cells	SRP9
12467	ACTR2.3	9.43E-31	0.365453	0.438	0.361	1.77E-26	NK cells	ACTR2
12468	MAN1B1	9.45E-31	0.258316	0.154	0.093	1.78E-26	NK cells	MAN1B1
12469	DDX39A.2	1.30E-30	0.32578	0.403	0.331	2.44E-26	NK cells	DDX39A
12470	PPP2R5E.1	1.36E-30	0.283753	0.205	0.135	2.55E-26	NK cells	PPP2R5E
12471	MPC2.1	1.61E-30	0.279262	0.331	0.252	3.02E-26	NK cells	MPC2
12472	PPP3CC.4	1.71E-30	0.312242	0.314	0.232	3.20E-26	NK cells	PPP3CC
12473	CLTA.3	1.82E-30	0.296753	0.485	0.421	3.42E-26	NK cells	CLTA
12474	RBBP4.3	1.84E-30	0.335398	0.41	0.336	3.46E-26	NK cells	RBBP4
12475	IFT57.3	2.10E-30	-0.29546	0.079	0.153	3.94E-26	NK cells	IFT57
12476	CCPG1.3	2.16E-30	0.278833	0.189	0.123	4.06E-26	NK cells	CCPG1
12477	ANP32E.2	2.61E-30	0.336031	0.255	0.184	4.90E-26	NK cells	ANP32E
12478	CTBP1	2.71E-30	0.292575	0.173	0.109	5.09E-26	NK cells	CTBP1
12479	PSMC5.1	4.68E-30	0.308743	0.492	0.43	8.79E-26	NK cells	PSMC5
12480	MAP4	4.83E-30	0.250806	0.166	0.103	9.08E-26	NK cells	MAP4
12481	ABT1.2	5.10E-30	0.283093	0.316	0.235	9.58E-26	NK cells	ABT1
12482	TRIR.3	6.14E-30	0.301811	0.612	0.565	1.15E-25	NK cells	TRIR
12483	MTCH2.1	6.18E-30	0.288128	0.275	0.2	1.16E-25	NK cells	MTCH2
12484	NDUFA2.2	7.94E-30	0.325937	0.49	0.429	1.49E-25	NK cells	NDUFA2
12485	AC004687.1	7.99E-30	0.341626	0.295	0.217	1.50E-25	NK cells	AC004687.1
12486	PPP2CA.1	9.23E-30	0.286902	0.368	0.289	1.73E-25	NK cells	PPP2CA
12487	INPP5K.1	1.19E-29	0.279662	0.226	0.155	2.23E-25	NK cells	INPP5K
12488	SLBP.2	1.25E-29	0.348087	0.298	0.227	2.36E-25	NK cells	SLBP
12489	RAB11B.2	1.38E-29	0.3192	0.44	0.368	2.58E-25	NK cells	RAB11B
12490	SNRPB2.2	1.55E-29	0.342276	0.415	0.344	2.92E-25	NK cells	SNRPB2
12491	SZRD1	1.89E-29	0.288421	0.271	0.196	3.54E-25	NK cells	SZRD1
12492	NPTN.4	1.99E-29	0.28156	0.27	0.195	3.74E-25	NK cells	NPTN
12493	JTB.1	2.11E-29	0.305594	0.525	0.461	3.96E-25	NK cells	JTB
12494	STX4.1	2.12E-29	0.291761	0.191	0.126	3.97E-25	NK cells	STX4
12495	ARPP19	2.20E-29	0.262533	0.189	0.121	4.14E-25	NK cells	ARPP19
12496	NDUFS3.1	2.41E-29	0.298759	0.341	0.263	4.52E-25	NK cells	NDUFS3
12497	C1D.1	2.56E-29	0.303189	0.365	0.287	4.81E-25	NK cells	C1D
12498	GHITM.2	2.86E-29	0.298865	0.552	0.502	5.37E-25	NK cells	GHITM

12499	UFD1.2	3.00E-29	0.308632	0.338	0.263	5.63E-25	NK cells	UFD1
12500	HDAC1.2	3.20E-29	0.295284	0.49	0.425	6.01E-25	NK cells	HDAC1
12501	AP1M1.2	3.21E-29	0.299615	0.359	0.281	6.03E-25	NK cells	AP1M1
12502	TMEM208	3.38E-29	0.294084	0.279	0.203	6.35E-25	NK cells	TMEM208
12503	ERLEC1.2	3.41E-29	0.285792	0.246	0.172	6.41E-25	NK cells	ERLEC1
12504	GTF3C6.2	3.48E-29	0.327157	0.335	0.264	6.53E-25	NK cells	GTF3C6
12505	PKN1.3	4.86E-29	0.306524	0.25	0.177	9.12E-25	NK cells	PKN1
12506	COPS9.4	5.65E-29	0.359053	0.451	0.383	1.06E-24	NK cells	COPS9
12507	EIF3A.3	5.79E-29	0.34571	0.334	0.261	1.09E-24	NK cells	EIF3A
12508	PSMD9.1	6.47E-29	0.296854	0.323	0.246	1.21E-24	NK cells	PSMD9
12509	ERH.2	6.48E-29	0.285645	0.574	0.537	1.22E-24	NK cells	ERH
12510	SIPA1.2	6.93E-29	0.288782	0.188	0.123	1.30E-24	NK cells	SIPA1
12511	NCOR1.2	7.72E-29	0.313672	0.454	0.384	1.45E-24	NK cells	NCOR1
12512	PDAP1.2	8.76E-29	0.306444	0.358	0.28	1.65E-24	NK cells	PDAP1
12513	NDUFB10.1	1.08E-28	0.286285	0.556	0.504	2.02E-24	NK cells	NDUFB10
12514	PDLIM1.6	1.13E-28	-0.43509	0.114	0.188	2.11E-24	NK cells	PDLIM1
12515	UBLCP1.3	1.71E-28	0.324107	0.292	0.219	3.21E-24	NK cells	UBLCP1
12516	GTF2A2.1	1.74E-28	0.290436	0.433	0.362	3.26E-24	NK cells	GTF2A2
12517	SEC13.2	2.12E-28	0.291867	0.359	0.283	3.98E-24	NK cells	SEC13
12518	QRSL1.3	3.00E-28	-0.3007	0.067	0.134	5.64E-24	NK cells	QRSL1
12519	UBE2V2.1	3.13E-28	0.269807	0.314	0.236	5.87E-24	NK cells	UBE2V2
12520	RBM39.1	3.60E-28	0.294684	0.593	0.537	6.77E-24	NK cells	RBM39
12521	ATG5.1	4.26E-28	0.270978	0.23	0.16	8.00E-24	NK cells	ATG5
12522	RBCK1.2	4.79E-28	0.310346	0.395	0.322	8.99E-24	NK cells	RBCK1
12523	RAMMET.1	4.91E-28	0.285209	0.236	0.165	9.22E-24	NK cells	RAMMET
12524	CCSER2.4	4.93E-28	0.263136	0.185	0.12	9.26E-24	NK cells	CCSER2
12525	DNM2.3	5.52E-28	0.260531	0.166	0.106	1.04E-23	NK cells	DNM2
12526	SMAP1.1	5.71E-28	0.284997	0.29	0.216	1.07E-23	NK cells	SMAP1
12527	BAG1.1	6.35E-28	0.30091	0.275	0.201	1.19E-23	NK cells	BAG1
12528	FAM107B.1	6.83E-28	0.337378	0.346	0.269	1.28E-23	NK cells	FAM107B
12529	GEMIN7.1	7.54E-28	0.276038	0.202	0.135	1.42E-23	NK cells	GEMIN7
12530	POLD4.4	9.12E-28	-0.35637	0.47	0.554	1.71E-23	NK cells	POLD4
12531	MSL3.2	1.03E-27	-0.25735	0.126	0.208	1.94E-23	NK cells	MSL3
12532	RBX1.3	1.10E-27	0.287611	0.561	0.513	2.08E-23	NK cells	RBX1
12533	STRAP.3	1.21E-27	0.294259	0.432	0.364	2.27E-23	NK cells	STRAP
12534	PHB.3	1.29E-27	0.304788	0.424	0.356	2.43E-23	NK cells	PHB
12535	SNRPD1.3	1.32E-27	0.323587	0.404	0.344	2.49E-23	NK cells	SNRPD1
12536	ARF4.2	1.52E-27	0.288064	0.352	0.272	2.85E-23	NK cells	ARF4
12537	POLR2F.1	1.54E-27	0.287958	0.322	0.245	2.89E-23	NK cells	POLR2F
12538	TXNDC9	1.97E-27	0.275591	0.257	0.184	3.70E-23	NK cells	TXNDC9
12539	ZNF207.2	2.18E-27	0.327462	0.393	0.322	4.10E-23	NK cells	ZNF207
12540	GMCL1	2.32E-27	0.254219	0.191	0.126	4.36E-23	NK cells	GMCL1
12541	CTSB.4	2.95E-27	-0.3845	0.156	0.236	5.53E-23	NK cells	CTSB
12542	USP34.2	3.15E-27	0.280911	0.214	0.147	5.92E-23	NK cells	USP34
12543	MGST3.5	3.29E-27	0.280555	0.318	0.244	6.18E-23	NK cells	MGST3
12544	TBPL1.1	3.59E-27	0.25096	0.228	0.158	6.75E-23	NK cells	TBPL1
12545	SRSF7.3	3.94E-27	0.277577	0.584	0.548	7.40E-23	NK cells	SRSF7

12546	MYH9.4	4.07E-27	0.3064	0.519	0.459	7.64E-23	NK cells	MYH9
12547	PDCD6.1	4.31E-27	0.280013	0.548	0.489	8.10E-23	NK cells	PDCD6
12548	COA3.2	5.80E-27	0.289294	0.323	0.247	1.09E-22	NK cells	COA3
12549	MRPL28.1	6.73E-27	0.297707	0.285	0.212	1.26E-22	NK cells	MRPL28
12550	EMC4.2	7.08E-27	0.303936	0.371	0.301	1.33E-22	NK cells	EMC4
12551	SUPT16H.1	8.28E-27	0.273369	0.259	0.187	1.56E-22	NK cells	SUPT16H
12552	LBR.1	8.45E-27	0.31233	0.393	0.321	1.59E-22	NK cells	LBR
12553	SCAND1.2	8.55E-27	0.299347	0.513	0.45	1.61E-22	NK cells	SCAND1
12554	STK38.3	9.04E-27	0.330735	0.385	0.31	1.70E-22	NK cells	STK38
12555	RBM42.1	9.28E-27	0.301789	0.338	0.266	1.74E-22	NK cells	RBM42
12556	MRFAP1L1	9.53E-27	0.309453	0.351	0.276	1.79E-22	NK cells	MRFAP1L1
12557	MAT2B.3	1.09E-26	0.272376	0.599	0.546	2.05E-22	NK cells	MAT2B
12558	GPS1	1.16E-26	0.277553	0.281	0.209	2.17E-22	NK cells	GPS1
12559	XAF1.2	1.70E-26	0.289859	0.241	0.171	3.19E-22	NK cells	XAF1
12560	XRN1	1.85E-26	0.307331	0.223	0.156	3.47E-22	NK cells	XRN1
12561	BABAM1	1.95E-26	0.265184	0.22	0.153	3.65E-22	NK cells	BABAM1
12562	SF3B2.1	2.04E-26	0.273842	0.576	0.534	3.84E-22	NK cells	SF3B2
12563	STK25	2.19E-26	0.257582	0.213	0.146	4.11E-22	NK cells	STK25
12564	MEA1.1	2.42E-26	0.282532	0.384	0.313	4.55E-22	NK cells	MEA1
12565	GPX4.5	2.46E-26	-0.25977	0.51	0.61	4.61E-22	NK cells	GPX4
12566	SOD2.5	2.58E-26	-0.40069	0.122	0.198	4.85E-22	NK cells	SOD2
12567	VPS28.2	2.61E-26	0.29636	0.59	0.54	4.90E-22	NK cells	VPS28
12568	UQCRFS1.2	2.86E-26	0.288591	0.521	0.475	5.36E-22	NK cells	UQCRFS1
12569	CSNK1D.2	3.51E-26	0.287366	0.23	0.163	6.60E-22	NK cells	CSNK1D
12570	NDFIP1.4	3.52E-26	-0.25857	0.35	0.453	6.61E-22	NK cells	NDFIP1
12571	NCOA7.1	3.59E-26	0.272149	0.155	0.099	6.74E-22	NK cells	NCOA7
12572	RIC8A.1	3.92E-26	0.263095	0.251	0.18	7.36E-22	NK cells	RIC8A
12573	ARPC1B.4	4.01E-26	0.28267	0.537	0.473	7.53E-22	NK cells	ARPC1B
12574	PSMD7.1	5.05E-26	0.275522	0.362	0.292	9.48E-22	NK cells	PSMD7
12575	CD48.5	5.44E-26	0.314514	0.48	0.411	1.02E-21	NK cells	CD48
12576	NUDT5.2	5.68E-26	0.273039	0.254	0.183	1.07E-21	NK cells	NUDT5
12577	MOB1A.3	7.93E-26	0.299283	0.393	0.318	1.49E-21	NK cells	MOB1A
12578	DAXX	1.06E-25	0.253219	0.203	0.138	1.99E-21	NK cells	DAXX
12579	PPID.1	1.25E-25	0.25942	0.237	0.168	2.35E-21	NK cells	PPID
12580	ROMO1.5	1.62E-25	0.340512	0.488	0.431	3.04E-21	NK cells	ROMO1
12581	GBP2.3	1.82E-25	0.262873	0.254	0.184	3.41E-21	NK cells	GBP2
12582	FYB1.6	2.56E-25	-0.38135	0.528	0.573	4.82E-21	NK cells	FYB1
12583	PTPRA.1	2.71E-25	0.262536	0.163	0.105	5.10E-21	NK cells	PTPRA
12584	ORMDL2.1	3.97E-25	0.282396	0.222	0.158	7.46E-21	NK cells	ORMDL2
12585	C1GALT1	4.00E-25	0.26442	0.219	0.153	7.51E-21	NK cells	C1GALT1
12586	COQ10B	4.58E-25	0.259942	0.204	0.141	8.60E-21	NK cells	COQ10B
12587	LSM4.1	5.36E-25	0.323343	0.378	0.318	1.01E-20	NK cells	LSM4
12588	TLE4.1	5.93E-25	0.309552	0.147	0.094	1.11E-20	NK cells	TLE4
12589	XRCC5.1	6.19E-25	0.270915	0.542	0.502	1.16E-20	NK cells	XRCC5
12590	RASA2.3	7.10E-25	0.268777	0.266	0.195	1.33E-20	NK cells	RASA2
12591	AKR1B1.2	7.79E-25	0.277342	0.303	0.232	1.46E-20	NK cells	AKR1B1
12592	COX20.1	1.02E-24	0.287268	0.245	0.178	1.92E-20	NK cells	COX20

12593	B4GALT3.1	1.04E-24	0.252934	0.228	0.162	1.95E-20	NK cells	B4GALT3
12594	AL138963.	1.11E-24	-0.4301	0.143	0.221	2.08E-20	NK cells	AL138963.3
12595	ADH5.2	1.19E-24	0.295858	0.403	0.338	2.24E-20	NK cells	ADH5
12596	SAP30BP.1	1.34E-24	0.278116	0.293	0.224	2.51E-20	NK cells	SAP30BP
12597	NBN.1	1.35E-24	0.252432	0.201	0.139	2.53E-20	NK cells	NBN
12598	MDH1.2	1.44E-24	0.277617	0.463	0.406	2.71E-20	NK cells	MDH1
12599	LRRFIP1.4	1.73E-24	0.290927	0.506	0.452	3.25E-20	NK cells	LRRFIP1
12600	ECH1.1	2.37E-24	0.290877	0.297	0.227	4.46E-20	NK cells	ECH1
12601	DGUOK.2	3.23E-24	0.317792	0.463	0.407	6.06E-20	NK cells	DGUOK
12602	CLTB.2	4.16E-24	0.287856	0.262	0.195	7.82E-20	NK cells	CLTB
12603	C9orf78.3	4.40E-24	0.291007	0.445	0.38	8.27E-20	NK cells	C9orf78
12604	SRRM1.1	4.88E-24	0.288607	0.517	0.461	9.17E-20	NK cells	SRRM1
12605	KDM5A.2	5.50E-24	0.275326	0.228	0.164	1.03E-19	NK cells	KDM5A
12606	RPS4Y1.2	5.75E-24	-0.58522	0.419	0.45	1.08E-19	NK cells	RPS4Y1
12607	CD2.4	6.00E-24	0.403356	0.383	0.315	1.13E-19	NK cells	CD2
12608	SNX17.2	6.01E-24	0.290989	0.472	0.416	1.13E-19	NK cells	SNX17
12609	GSDMD.1	7.02E-24	0.278963	0.319	0.25	1.32E-19	NK cells	GSDMD
12610	POLR2J.1	7.52E-24	0.321603	0.381	0.317	1.41E-19	NK cells	POLR2J
12611	SMIM12	7.96E-24	0.250865	0.251	0.184	1.49E-19	NK cells	SMIM12
12612	GLRX3.1	1.02E-23	0.256853	0.261	0.194	1.91E-19	NK cells	GLRX3
12613	HNRNPR.2	1.23E-23	0.281736	0.467	0.414	2.31E-19	NK cells	HNRNPR
12614	PHF20.2	1.23E-23	0.299592	0.314	0.246	2.31E-19	NK cells	PHF20
12615	MED10.3	1.76E-23	0.279547	0.421	0.36	3.31E-19	NK cells	MED10
12616	DGCR6L.3	1.95E-23	0.270867	0.322	0.253	3.66E-19	NK cells	DGCR6L
12617	TAOK3.1	2.23E-23	0.300182	0.3	0.233	4.19E-19	NK cells	TAOK3
12618	NAMPT.4	2.33E-23	-0.51816	0.077	0.14	4.37E-19	NK cells	NAMPT
12619	IRF8.4	2.35E-23	-0.41917	0.108	0.173	4.41E-19	NK cells	IRF8
12620	PET100.1	2.61E-23	0.337802	0.512	0.458	4.90E-19	NK cells	PET100
12621	COPB2.2	3.74E-23	0.258854	0.255	0.188	7.03E-19	NK cells	COPB2
12622	SLC44A2.5	3.76E-23	0.289088	0.397	0.331	7.07E-19	NK cells	SLC44A2
12623	APBB1IP.3	3.94E-23	0.27701	0.508	0.451	7.40E-19	NK cells	APBB1IP
12624	IKZF3.5	4.30E-23	0.256309	0.219	0.154	8.07E-19	NK cells	IKZF3
12625	COPB1	4.65E-23	0.250036	0.214	0.152	8.73E-19	NK cells	COPB1
12626	PLD3.3	4.98E-23	0.275535	0.27	0.206	9.36E-19	NK cells	PLD3
12627	RTF2.1	5.49E-23	0.281839	0.378	0.312	1.03E-18	NK cells	RTF2
12628	PHKG2.1	5.64E-23	0.260762	0.213	0.152	1.06E-18	NK cells	PHKG2
12629	NUDT22.1	5.83E-23	0.298117	0.298	0.231	1.10E-18	NK cells	NUDT22
12630	STIP1.1	5.84E-23	0.257187	0.243	0.178	1.10E-18	NK cells	STIP1
12631	HLA-DPA1.	6.08E-23	-1.64626	0.501	0.458	1.14E-18	NK cells	HLA-DPA1
12632	LHPP.4	6.20E-23	-0.25625	0.097	0.163	1.16E-18	NK cells	LHPP
12633	MCM7.2	7.16E-23	0.37218	0.178	0.124	1.35E-18	NK cells	MCM7
12634	ZCCHC7.5	7.73E-23	-0.26486	0.15	0.224	1.45E-18	NK cells	ZCCHC7
12635	MRPL41.3	1.03E-22	0.271911	0.421	0.359	1.93E-18	NK cells	MRPL41
12636	DDX46.1	1.04E-22	0.287299	0.393	0.327	1.94E-18	NK cells	DDX46
12637	GOLGA4.1	1.04E-22	0.25982	0.229	0.166	1.95E-18	NK cells	GOLGA4
12638	TSPAN3.6	1.56E-22	-0.26722	0.139	0.212	2.94E-18	NK cells	TSPAN3
12639	SDHA.2	1.57E-22	0.276573	0.344	0.278	2.95E-18	NK cells	SDHA

12640	FYTDD1.1	1.69E-22	0.289144	0.219	0.16	3.18E-18	NK cells	FYTDD1
12641	SCAMP2.1	1.79E-22	0.296315	0.401	0.337	3.36E-18	NK cells	SCAMP2
12642	ADAM10.3	2.42E-22	0.307467	0.239	0.178	4.55E-18	NK cells	ADAM10
12643	VPS4B.2	3.89E-22	0.258712	0.28	0.214	7.31E-18	NK cells	VPS4B
12644	SHMT2.4	4.39E-22	-0.28154	0.224	0.301	8.25E-18	NK cells	SHMT2
12645	FUNDC2	9.33E-22	0.281137	0.359	0.294	1.75E-17	NK cells	FUNDC2
12646	SERINC3.1	1.11E-21	0.277794	0.281	0.218	2.09E-17	NK cells	SERINC3
12647	ATRAID.1	1.59E-21	0.285913	0.393	0.33	2.99E-17	NK cells	ATRAID
12648	RAB5C.2	1.62E-21	0.264876	0.225	0.165	3.04E-17	NK cells	RAB5C
12649	PTP4A2.3	1.68E-21	0.282992	0.371	0.307	3.15E-17	NK cells	PTP4A2
12650	AAK1.2	1.87E-21	0.274402	0.296	0.229	3.52E-17	NK cells	AAK1
12651	TCEAL8.1	2.11E-21	0.258839	0.172	0.117	3.95E-17	NK cells	TCEAL8
12652	STOML2.2	2.49E-21	0.255086	0.316	0.252	4.68E-17	NK cells	STOML2
12653	ADSS.2	3.62E-21	0.301154	0.287	0.226	6.79E-17	NK cells	ADSS
12654	SRSF4.1	3.71E-21	0.285764	0.371	0.309	6.96E-17	NK cells	SRSF4
12655	SRP19.2	4.43E-21	0.285558	0.296	0.233	8.32E-17	NK cells	SRP19
12656	TEX264.2	5.50E-21	0.276259	0.344	0.283	1.03E-16	NK cells	TEX264
12657	DCTN2.3	5.57E-21	0.273632	0.32	0.257	1.05E-16	NK cells	DCTN2
12658	SMIM14.5	6.29E-21	-0.34905	0.123	0.188	1.18E-16	NK cells	SMIM14
12659	AURKAIP1.	6.45E-21	0.257476	0.47	0.42	1.21E-16	NK cells	AURKAIP1
12660	C1orf162.5	9.31E-21	0.308294	0.424	0.363	1.75E-16	NK cells	C1orf162
12661	LPXN.3	9.39E-21	0.277423	0.27	0.209	1.76E-16	NK cells	LPXN
12662	ARL2BP.3	1.08E-20	0.252099	0.297	0.233	2.02E-16	NK cells	ARL2BP
12663	POLR2B.1	1.09E-20	0.274326	0.259	0.197	2.05E-16	NK cells	POLR2B
12664	IMP3.2	1.24E-20	0.25971	0.522	0.473	2.33E-16	NK cells	IMP3
12665	PGD.6	1.33E-20	-0.39574	0.157	0.224	2.50E-16	NK cells	PGD
12666	RNF187	1.47E-20	0.25103	0.22	0.161	2.76E-16	NK cells	RNF187
12667	STUB1	1.49E-20	0.271866	0.279	0.216	2.80E-16	NK cells	STUB1
12668	SPAG7	1.58E-20	0.257432	0.284	0.221	2.97E-16	NK cells	SPAG7
12669	LAMTOR2.	1.69E-20	0.255407	0.361	0.295	3.17E-16	NK cells	LAMTOR2
12670	BPTF.2	2.39E-20	0.269156	0.234	0.174	4.49E-16	NK cells	BPTF
12671	NR3C1.1	2.75E-20	0.299776	0.335	0.273	5.16E-16	NK cells	NR3C1
12672	CALCOCO2	3.19E-20	0.254129	0.311	0.248	5.99E-16	NK cells	CALCOCO2
12673	TCP1.2	3.72E-20	0.284147	0.331	0.271	7.00E-16	NK cells	TCP1
12674	PRPF38B.2	6.26E-20	0.256223	0.338	0.275	1.18E-15	NK cells	PRPF38B
12675	ROCK1.3	8.16E-20	0.260731	0.303	0.24	1.53E-15	NK cells	ROCK1
12676	MAGOH.2	1.52E-19	0.270834	0.464	0.419	2.85E-15	NK cells	MAGOH
12677	NDUFA13.	1.72E-19	0.315274	0.372	0.314	3.23E-15	NK cells	NDUFA13
12678	ZFP36L1.4	2.11E-19	-0.27833	0.463	0.544	3.97E-15	NK cells	ZFP36L1
12679	SDHC.1	3.86E-19	0.258364	0.395	0.338	7.25E-15	NK cells	SDHC
12680	PHF5A.1	4.36E-19	0.2513	0.294	0.234	8.19E-15	NK cells	PHF5A
12681	MMADHC.	5.15E-19	0.254974	0.386	0.33	9.67E-15	NK cells	MMADHC
12682	STX7.4	5.33E-19	-0.28355	0.159	0.225	1.00E-14	NK cells	STX7
12683	EIF4H.1	6.29E-19	0.283207	0.417	0.37	1.18E-14	NK cells	EIF4H
12684	STK4.3	8.02E-19	0.272008	0.548	0.508	1.51E-14	NK cells	STK4
12685	C14orf119	1.07E-18	0.254124	0.33	0.27	2.00E-14	NK cells	C14orf119
12686	CYTH1.3	1.07E-18	0.28721	0.396	0.34	2.00E-14	NK cells	CYTH1

12687	NUDC.1	1.12E-18	0.259212	0.381	0.324	2.11E-14	NK cells	NUDC
12688	HIST1H1D.	2.07E-18	0.355821	0.227	0.172	3.89E-14	NK cells	HIST1H1D
12689	SARS.1	2.78E-18	0.279038	0.346	0.293	5.23E-14	NK cells	SARS
12690	FOS.5	3.17E-18	-1.20066	0.065	0.114	5.95E-14	NK cells	FOS
12691	SNRPC.2	1.24E-17	0.265214	0.383	0.331	2.33E-13	NK cells	SNRPC
12692	RAB14.2	2.53E-17	0.251534	0.33	0.274	4.76E-13	NK cells	RAB14
12693	SUMO3.3	2.97E-17	0.256354	0.326	0.273	5.58E-13	NK cells	SUMO3
12694	HIST1H2AC	3.07E-17	-0.35928	0.141	0.204	5.77E-13	NK cells	HIST1H2AC
12695	SLC38A2.1	4.02E-17	0.254755	0.206	0.154	7.55E-13	NK cells	SLC38A2
12696	Sep-02	9.27E-17	0.250611	0.306	0.251	1.74E-12	NK cells	Sep-02
12697	SLTM.1	1.28E-16	0.263773	0.31	0.256	2.41E-12	NK cells	SLTM
12698	NUCKS1.2	1.29E-16	0.28032	0.356	0.307	2.42E-12	NK cells	NUCKS1
12699	SF3B1.2	1.94E-16	0.255374	0.483	0.442	3.64E-12	NK cells	SF3B1
12700	ATRX.3	2.32E-16	0.2532	0.369	0.313	4.36E-12	NK cells	ATRX
12701	CCT6A.1	3.00E-16	0.250413	0.394	0.349	5.64E-12	NK cells	CCT6A
12702	SETX.2	3.87E-16	0.25201	0.234	0.181	7.27E-12	NK cells	SETX
12703	MCM5.3	4.93E-16	0.266364	0.188	0.141	9.27E-12	NK cells	MCM5
12704	RANBP1.3	6.66E-16	0.289889	0.352	0.311	1.25E-11	NK cells	RANBP1
12705	JUN.4	7.01E-16	-0.2581	0.116	0.173	1.32E-11	NK cells	JUN
12706	ZNRD1.2	7.75E-16	0.268383	0.352	0.301	1.46E-11	NK cells	ZNRD1
12707	HMGB2.5	9.81E-16	0.650211	0.305	0.268	1.84E-11	NK cells	HMGB2
12708	EIF4A1.6	1.16E-15	0.268919	0.259	0.208	2.18E-11	NK cells	EIF4A1
12709	SRSF11.3	4.67E-15	0.250002	0.461	0.418	8.77E-11	NK cells	SRSF11
12710	PRRC2C.1	6.61E-15	0.259422	0.49	0.454	1.24E-10	NK cells	PRRC2C
12711	LSM8.1	1.18E-14	0.259778	0.383	0.339	2.21E-10	NK cells	LSM8
12712	SERINC1.2	1.69E-14	0.253079	0.297	0.25	3.17E-10	NK cells	SERINC1
12713	RNASEH2C	6.06E-14	0.261888	0.388	0.344	1.14E-09	NK cells	RNASEH2C
12714	STXBP2.5	6.50E-14	-0.85869	0.143	0.189	1.22E-09	NK cells	STXBP2
12715	IFNGR1.3	9.02E-14	0.302229	0.264	0.217	1.69E-09	NK cells	IFNGR1
12716	SAT1.4	2.86E-13	-1.01834	0.396	0.44	5.38E-09	NK cells	SAT1
12717	UBE2J1.5	3.07E-13	-0.26703	0.206	0.26	5.77E-09	NK cells	UBE2J1
12718	MRPL33.2	3.13E-13	0.262727	0.381	0.338	5.88E-09	NK cells	MRPL33
12719	GSTM2.1	5.68E-12	0.262886	0.118	0.085	1.07E-07	NK cells	GSTM2
12720	HIST1H4C.	5.67E-11	0.573917	0.649	0.637	1.06E-06	NK cells	HIST1H4C
12721	NDUFB1.3	2.42E-10	0.290847	0.442	0.414	4.55E-06	NK cells	NDUFB1
12722	CST3.5	6.02E-09	-1.6427	0.198	0.14	0.000113	NK cells	CST3
12723	NPC2.2	4.80E-08	-0.2892	0.275	0.311	0.000902	NK cells	NPC2
12724	DUT.4	1.14E-06	0.329016	0.371	0.364	0.021449	NK cells	DUT
12728	IL7R.7	0	2.68923	0.792	0.096	0	T cells	IL7R
12729	CD3D.6	0	2.462826	0.916	0.101	0	T cells	CD3D
12730	CD3E.5	0	2.4353	0.973	0.17	0	T cells	CD3E
12731	TCF7.7	0	2.194912	0.711	0.076	0	T cells	TCF7
12732	LEF1.7	0	2.167925	0.735	0.082	0	T cells	LEF1
12733	CD8B.6	0	2.083641	0.352	0.034	0	T cells	CD8B
12734	LDHB.6	0	2.016485	0.951	0.504	0	T cells	LDHB
12735	NOSIP.7	0	1.919227	0.861	0.373	0	T cells	NOSIP
12736	IL32.8	0	1.90207	0.904	0.182	0	T cells	IL32

12737	CD3G.6	0	1.829942	0.704	0.074	0	T cells	CD3G
12738	GIMAP7.5	0	1.78843	0.905	0.306	0	T cells	GIMAP7
12739	LCK.6	0	1.679361	0.851	0.223	0	T cells	LCK
12740	LINC00861	0	1.599354	0.715	0.145	0	T cells	LINC00861
12741	CD27.7	0	1.566952	0.664	0.14	0	T cells	CD27
12742	LAT.6	0	1.517461	0.672	0.14	0	T cells	LAT
12743	CCR7.8	0	1.512443	0.743	0.305	0	T cells	CCR7
12744	CAMK4.7	0	1.508245	0.532	0.057	0	T cells	CAMK4
12745	LINC02446	0	1.412276	0.227	0.026	0	T cells	LINC02446
12746	GIMAP4.6	0	1.397876	0.803	0.301	0	T cells	GIMAP4
12747	MAL.7	0	1.395084	0.464	0.045	0	T cells	MAL
12748	LEPROTL1.	0	1.380475	0.71	0.263	0	T cells	LEPROTL1
12749	ITM2A.5	0	1.36846	0.554	0.123	0	T cells	ITM2A
12750	FLT3LG.6	0	1.338271	0.587	0.164	0	T cells	FLT3LG
12751	LDLRAP1.7	0	1.295895	0.486	0.088	0	T cells	LDLRAP1
12752	RGS10.6	0	1.293956	0.74	0.293	0	T cells	RGS10
12753	CD8A.5	0	1.277112	0.283	0.043	0	T cells	CD8A
12754	TRAT1.6	0	1.274854	0.407	0.037	0	T cells	TRAT1
12755	SARAF.7	0	1.23682	0.963	0.8	0	T cells	SARAF
12756	FYB1.7	0	1.233687	0.782	0.328	0	T cells	FYB1
12757	MYC.6	0	1.229881	0.562	0.224	0	T cells	MYC
12758	CISH.3	0	1.196046	0.314	0.073	0	T cells	CISH
12759	CD7.7	0	1.167459	0.887	0.219	0	T cells	CD7
12760	CD2.5	0	1.163833	0.515	0.097	0	T cells	CD2
12761	OXNAD1.6	0	1.150602	0.409	0.058	0	T cells	OXNAD1
12762	AQP3.7	0	1.129824	0.385	0.062	0	T cells	AQP3
12763	C12orf57.6	0	1.128	0.903	0.591	0	T cells	C12orf57
12764	IFITM1.7	0	1.081915	0.991	0.587	0	T cells	IFITM1
12765	PCED1B.5	0	1.069856	0.443	0.126	0	T cells	PCED1B
12766	NUCB2.5	0	1.058537	0.525	0.174	0	T cells	NUCB2
12767	LIME1.5	0	1.051638	0.472	0.126	0	T cells	LIME1
12768	PIK3IP1.6	0	1.051321	0.467	0.116	0	T cells	PIK3IP1
12769	TRAC.5	0	1.01168	0.422	0.119	0	T cells	TRAC
12770	RGCC.6	0	1.008248	0.341	0.058	0	T cells	RGCC
12771	PIM1.3	0	1.003351	0.557	0.267	0	T cells	PIM1
12772	CD5.7	0	0.997651	0.385	0.061	0	T cells	CD5
12773	CD6.6	0	0.955613	0.358	0.053	0	T cells	CD6
12774	ITK.5	0	0.954347	0.356	0.06	0	T cells	ITK
12775	TC2N.3	0	0.952412	0.355	0.059	0	T cells	TC2N
12776	SPOCK2.5	0	0.943294	0.482	0.15	0	T cells	SPOCK2
12777	ACTN1.7	0	0.933924	0.401	0.094	0	T cells	ACTN1
12778	EVL.6	0	0.931936	0.884	0.573	0	T cells	EVL
12779	SIRPG.7	0	0.916289	0.302	0.028	0	T cells	SIRPG
12780	TRABD2A.6	0	0.909747	0.307	0.036	0	T cells	TRABD2A
12781	DGKA.7	0	0.899416	0.463	0.157	0	T cells	DGKA
12782	DENND2D.6	0	0.892947	0.565	0.23	0	T cells	DENND2D
12783	HSPA8.6	0	0.886281	0.948	0.771	0	T cells	HSPA8

12784	GYPC.5	0	0.885987	0.808	0.519	0 T cells	GYPC
12785	RPS12.8	0	0.870874	1	0.989	0 T cells	RPS12
12786	MGAT4A.3	0	0.870716	0.386	0.105	0 T cells	MGAT4A
12787	TPT1.6	0	0.860876	0.999	0.989	0 T cells	TPT1
12788	AES.5	0	0.859628	0.868	0.576	0 T cells	AES
12789	NDFIP1.5	0	0.850305	0.576	0.297	0 T cells	NDFIP1
12790	RCAN3.6	0	0.844565	0.338	0.078	0 T cells	RCAN3
12791	LRRN3.6	0	0.843574	0.221	0.016	0 T cells	LRRN3
12792	TMEM204.	0	0.830651	0.297	0.039	0 T cells	TMEM204
12793	NPM1.6	0	0.821557	0.97	0.841	0 T cells	NPM1
12794	PRMT2.6	0	0.817499	0.668	0.382	0 T cells	PRMT2
12795	SATB1.3	0	0.810621	0.366	0.107	0 T cells	SATB1
12796	ZAP70.7	0	0.800044	0.556	0.167	0 T cells	ZAP70
12797	RPS4X.6	0	0.78509	1	0.979	0 T cells	RPS4X
12798	RPS15A.6	0	0.78307	1	0.993	0 T cells	RPS15A
12799	SLFN5.6	0	0.770336	0.376	0.121	0 T cells	SLFN5
12800	LINC01550	0	0.77029	0.245	0.021	0 T cells	LINC01550
12801	HSPB1.8	0	0.768143	0.598	0.316	0 T cells	HSPB1
12802	GZMM.7	0	0.767429	0.614	0.174	0 T cells	GZMM
12803	RPS3A.6	0	0.764746	1	0.982	0 T cells	RPS3A
12804	RPL34.7	0	0.763168	1	0.989	0 T cells	RPL34
12805	NELL2.6	0	0.74015	0.207	0.014	0 T cells	NELL2
12806	LINC02273	0	0.739342	0.251	0.031	0 T cells	LINC02273
12807	OCIAD2.3	0	0.738683	0.556	0.284	0 T cells	OCIAD2
12808	EEF1A1.5	0	0.729286	1	0.993	0 T cells	EEF1A1
12809	CD40LG.5	0	0.726684	0.196	0.017	0 T cells	CD40LG
12810	GIMAP5.4	0	0.726675	0.254	0.042	0 T cells	GIMAP5
12811	RPL32.5	0	0.72348	1	0.989	0 T cells	RPL32
12812	RPS3.5	0	0.715416	1	0.986	0 T cells	RPS3
12813	INPP4B.4	0	0.710957	0.225	0.024	0 T cells	INPP4B
12814	TRBC1.6	0	0.710849	0.435	0.154	0 T cells	TRBC1
12815	RPS14.7	0	0.705989	0.999	0.982	0 T cells	RPS14
12816	SEPT1.5	0	0.703835	0.703	0.436	0 T cells	Sep-01
12817	BEX3.7	0	0.703216	0.291	0.057	0 T cells	BEX3
12818	ETS1.5	0	0.693748	0.463	0.215	0 T cells	ETS1
12819	GIMAP1.3	0	0.691555	0.323	0.118	0 T cells	GIMAP1
12820	RPL14.6	0	0.689804	1	0.977	0 T cells	RPL14
12821	PRDX2.5	0	0.686071	0.552	0.297	0 T cells	PRDX2
12822	RPL35A.7	0	0.685698	0.999	0.977	0 T cells	RPL35A
12823	RBL2.5	0	0.680545	0.494	0.261	0 T cells	RBL2
12824	LCP2.4	0	0.677837	0.473	0.221	0 T cells	LCP2
12825	THEMIS.6	0	0.673584	0.219	0.02	0 T cells	THEMIS
12826	TRAF3IP3.5	0	0.673057	0.763	0.543	0 T cells	TRAF3IP3
12827	TMEM123.	0	0.670933	0.566	0.34	0 T cells	TMEM123
12828	PASK.3	0	0.668343	0.188	0.039	0 T cells	PASK
12829	PRKCH.7	0	0.667122	0.372	0.109	0 T cells	PRKCH
12830	IL6ST.6	0	0.665978	0.266	0.077	0 T cells	IL6ST

12831	ABLIM1.6	0	0.659144	0.38	0.154	0 T cells	ABLIM1
12832	RPL36A.7	0	0.656959	0.876	0.721	0 T cells	RPL36A
12833	CYTIP.4	0	0.655137	0.611	0.381	0 T cells	CYTIP
12834	RPL30.5	0	0.654908	1	0.994	0 T cells	RPL30
12835	RPS6.6	0	0.651866	1	0.976	0 T cells	RPS6
12836	SELL.6	0	0.651633	0.833	0.673	0 T cells	SELL
12837	MCUB.6	0	0.651064	0.612	0.404	0 T cells	MCUB
12838	TRAV8-3	0	0.645012	0.109	0.01	0 T cells	TRAV8-3
12839	TMIGD2.4	0	0.64457	0.294	0.068	0 T cells	TMIGD2
12840	UBASH3A.6	0	0.644494	0.215	0.02	0 T cells	UBASH3A
12841	RPS21.7	0	0.642117	0.998	0.975	0 T cells	RPS21
12842	AAK1.3	0	0.640766	0.327	0.125	0 T cells	AAK1
12843	RPS28.7	0	0.64033	1	0.988	0 T cells	RPS28
12844	RPS27A.5	0	0.636233	1	0.988	0 T cells	RPS27A
12845	RPL3.5	0	0.63538	1	0.97	0 T cells	RPL3
12846	RPS27.7	0	0.633941	1	0.987	0 T cells	RPS27
12847	RPS25.6	0	0.632703	1	0.981	0 T cells	RPS25
12848	RPL22.6	0	0.631972	0.995	0.956	0 T cells	RPL22
12849	RPL37.7	0	0.631717	0.994	0.964	0 T cells	RPL37
12850	SKAP1.7	0	0.628807	0.491	0.216	0 T cells	SKAP1
12851	CD96.6	0	0.628753	0.293	0.08	0 T cells	CD96
12852	GSTK1.4	0	0.628272	0.766	0.576	0 T cells	GSTK1
12853	SELPLG.5	0	0.626434	0.593	0.315	0 T cells	SELPLG
12854	RPL39.6	0	0.623871	1	0.994	0 T cells	RPL39
12855	THEM4.3	0	0.622921	0.25	0.072	0 T cells	THEM4
12856	ATP6V0E2.5	0	0.621375	0.303	0.1	0 T cells	ATP6V0E2
12857	RPS29.5	0	0.621303	0.896	0.755	0 T cells	RPS29
12858	GIMAP2.4	0	0.6192	0.334	0.143	0 T cells	GIMAP2
12859	RPL36.7	0	0.610646	1	0.978	0 T cells	RPL36
12860	RPL10.5	0	0.61039	1	0.989	0 T cells	RPL10
12861	DNAJB1.4	0	0.608671	0.374	0.179	0 T cells	DNAJB1
12862	TESPA1.3	0	0.607233	0.241	0.056	0 T cells	TESPA1
12863	ANXA2R.5	0	0.606219	0.367	0.151	0 T cells	ANXA2R
12864	SUSD3.8	0	0.604726	0.319	0.13	0 T cells	SUSD3
12865	RPL21.5	0	0.603413	0.989	0.946	0 T cells	RPL21
12866	ITGA6.5	0	0.601938	0.199	0.028	0 T cells	ITGA6
12867	EPHX2.5	0	0.600638	0.185	0.019	0 T cells	EPHX2
12868	EEF1B2.6	0	0.599986	0.992	0.941	0 T cells	EEF1B2
12869	TNFRSF25.5	0	0.597146	0.205	0.03	0 T cells	TNFRSF25
12870	RPS18.6	0	0.596443	1	0.981	0 T cells	RPS18
12871	CDC25B.4	0	0.594322	0.354	0.16	0 T cells	CDC25B
12872	PABPC1.5	0	0.592492	0.96	0.922	0 T cells	PABPC1
12873	PIM2.5	0	0.592424	0.397	0.203	0 T cells	PIM2
12874	STMN3.5	0	0.582203	0.281	0.091	0 T cells	STMN3
12875	SH3YL1.5	0	0.581627	0.28	0.101	0 T cells	SH3YL1
12876	RPL5.6	0	0.581149	0.999	0.967	0 T cells	RPL5
12877	EIF3E.7	0	0.579366	0.761	0.586	0 T cells	EIF3E

12878 MT1X.2	0	0.579069	0.29	0.121	0 T cells	MT1X
12879 RPS13.5	0	0.573951	1	0.986	0 T cells	RPS13
12880 SIGIRR.5	0	0.566637	0.489	0.293	0 T cells	SIGIRR
12881 ATP1A1.3	0	0.562517	0.361	0.197	0 T cells	ATP1A1
12882 RPL4.4	0	0.561425	0.951	0.855	0 T cells	RPL4
12883 HMOX2.5	0	0.559818	0.492	0.283	0 T cells	HMOX2
12884 CD28.4	0	0.55578	0.18	0.021	0 T cells	CD28
12885 RARRES3.7	0	0.546887	0.691	0.401	0 T cells	RARRES3
12886 RPS8.7	0	0.545568	1	0.982	0 T cells	RPS8
12887 ACAP1.4	0	0.543182	0.585	0.385	0 T cells	ACAP1
12888 RPL13.5	0	0.542246	1	0.983	0 T cells	RPL13
12889 CHRM3-AS	0	0.534171	0.162	0.015	0 T cells	CHRM3-AS2
12890 RPL6.4	0	0.533875	1	0.98	0 T cells	RPL6
12891 BCL11B.4	0	0.532184	0.176	0.028	0 T cells	BCL11B
12892 ADD3.6	0	0.529441	0.58	0.391	0 T cells	ADD3
12893 RPL38.6	0	0.52607	0.876	0.743	0 T cells	RPL38
12894 PPA1.5	0	0.520262	0.462	0.279	0 T cells	PPA1
12895 GIMAP6.5	0	0.520123	0.246	0.086	0 T cells	GIMAP6
12896 PDE3B.4	0	0.520053	0.22	0.061	0 T cells	PDE3B
12897 RPL10A.6	0	0.517994	0.985	0.919	0 T cells	RPL10A
12898 FAM102A.4	0	0.514207	0.206	0.055	0 T cells	FAM102A
12899 UQCRB.4	0	0.51283	0.838	0.685	0 T cells	UQCRB
12900 RPL9.5	0	0.511083	0.997	0.97	0 T cells	RPL9
12901 BNIP3.3	0	0.510611	0.248	0.086	0 T cells	BNIP3
12902 RPL24.5	0	0.494472	0.998	0.97	0 T cells	RPL24
12903 ARMH1.5	0	0.494137	0.259	0.115	0 T cells	ARMH1
12904 RPL19.4	0	0.490891	1	0.989	0 T cells	RPL19
12905 RPL11.5	0	0.489533	1	0.989	0 T cells	RPL11
12906 NACA.6	0	0.488785	0.998	0.982	0 T cells	NACA
12907 SCML4.3	0	0.485597	0.256	0.094	0 T cells	SCML4
12908 MYL12A.7	0	0.481007	0.98	0.907	0 T cells	MYL12A
12909 BTF3.6	0	0.479556	0.979	0.927	0 T cells	BTF3
12910 RPLP2.6	0	0.47887	0.989	0.947	0 T cells	RPLP2
12911 MLLT3.4	0	0.478294	0.176	0.037	0 T cells	MLLT3
12912 RPS16.5	0	0.478165	0.958	0.888	0 T cells	RPS16
12913 APBB1.3	0	0.477205	0.195	0.05	0 T cells	APBB1
12914 RPS5.7	0	0.470288	0.999	0.967	0 T cells	RPS5
12915 TMEM173.4	0	0.468563	0.256	0.12	0 T cells	TMEM173
12916 GATA3.5	0	0.468326	0.177	0.042	0 T cells	GATA3
12917 RPL28.5	0	0.467973	1	0.995	0 T cells	RPL28
12918 RPL29.6	0	0.467413	1	0.985	0 T cells	RPL29
12919 TOMM7.6	0	0.466138	0.875	0.759	0 T cells	TOMM7
12920 ANP32B.6	0	0.465404	0.724	0.569	0 T cells	ANP32B
12921 SNRPD2.4	0	0.464234	0.903	0.775	0 T cells	SNRPD2
12922 SERINC5.4	0	0.46408	0.176	0.038	0 T cells	SERINC5
12923 RPS2.4	0	0.462225	0.901	0.803	0 T cells	RPS2
12924 PLCG1.3	0	0.462183	0.166	0.031	0 T cells	PLCG1

12925 SOD1.3	0	0.45981	0.775	0.607	0 T cells	SOD1
12926 RPS24.7	0	0.457858	1	0.988	0 T cells	RPS24
12927 RPL31.6	0	0.456888	0.923	0.824	0 T cells	RPL31
12928 RPLP0.4	0	0.454456	0.999	0.97	0 T cells	RPLP0
12929 TXK.5	0	0.4494	0.24	0.075	0 T cells	TXK
12930 TECR.5	0	0.445032	0.523	0.352	0 T cells	TECR
12931 SH2D1A.4	0	0.444178	0.193	0.058	0 T cells	SH2D1A
12932 TCEA3.1	0	0.440147	0.138	0.016	0 T cells	TCEA3
12933 S1PR1.4	0	0.438993	0.46	0.278	0 T cells	S1PR1
12934 RPL26.6	0	0.435041	0.999	0.977	0 T cells	RPL26
12935 RPSA.5	0	0.433396	0.972	0.902	0 T cells	RPSA
12936 PITPNC1.4	0	0.431969	0.226	0.098	0 T cells	PITPNC1
12937 GPR171.1	0	0.429772	0.131	0.02	0 T cells	GPR171
12938 ADTRP	0	0.427474	0.114	0.013	0 T cells	ADTRP
12939 EIF3H.4	0	0.42735	0.808	0.692	0 T cells	EIF3H
12940 RPL18.5	0	0.426989	1	0.98	0 T cells	RPL18
12941 ST13.4	0	0.426795	0.695	0.553	0 T cells	ST13
12942 TNIK.3	0	0.426269	0.175	0.048	0 T cells	TNIK
12943 EEF1D.5	0	0.42582	0.995	0.972	0 T cells	EEF1D
12944 COX6C.4	0	0.425115	0.838	0.69	0 T cells	COX6C
12945 CNN2.5	0	0.422555	0.745	0.609	0 T cells	CNN2
12946 HCST.7	0	0.420463	0.79	0.443	0 T cells	HCST
12947 MALAT1.4	0	0.415307	0.999	0.993	0 T cells	MALAT1
12948 ABRACL.2	0	0.414443	0.634	0.464	0 T cells	ABRACL
12949 HNRNPA1.	0	0.410565	0.957	0.888	0 T cells	HNRNPA1
12950 IPCEF1.4	0	0.408641	0.166	0.047	0 T cells	IPCEF1
12951 OLFM2	0	0.400576	0.127	0.014	0 T cells	OLFM2
12952 FBLN5	0	0.397005	0.117	0.014	0 T cells	FBLN5
12953 LGALS3BP.	0	0.394533	0.162	0.045	0 T cells	LGALS3BP
12954 RPS15.5	0	0.391792	1	0.987	0 T cells	RPS15
12955 RPL23A.5	0	0.391517	0.986	0.936	0 T cells	RPL23A
12956 APRT.4	0	0.389982	0.808	0.678	0 T cells	APRT
12957 COMMD6.	0	0.386577	0.946	0.88	0 T cells	COMMD6
12958 PRKCQ.4	0	0.386192	0.156	0.037	0 T cells	PRKCQ
12959 RPL41.5	0	0.385223	1	0.998	0 T cells	RPL41
12960 RPS23.7	0	0.377632	1	0.984	0 T cells	RPS23
12961 RPL12.6	0	0.374288	1	0.983	0 T cells	RPL12
12962 RPL37A.5	0	0.368844	0.884	0.784	0 T cells	RPL37A
12963 AC005842.	0	0.363973	0.108	0.008	0 T cells	AC005842.1
12964 ANKRD55	0	0.357757	0.103	0.012	0 T cells	ANKRD55
12965 COX7C.5	0	0.357182	0.929	0.852	0 T cells	COX7C
12966 PCBP1.6	0	0.356514	0.907	0.837	0 T cells	PCBP1
12967 RACK1.6	0	0.351534	0.997	0.973	0 T cells	RACK1
12968 RPLP1.7	0	0.350225	1	0.994	0 T cells	RPLP1
12969 PLEKHB1	0	0.348075	0.12	0.02	0 T cells	PLEKHB1
12970 AC013264.	0	0.346263	0.104	0.011	0 T cells	AC013264.1
12971 ICOS	0	0.343283	0.104	0.011	0 T cells	ICOS

12972	GRAP2.6	0	0.33964	0.203	0.074	0 T cells	GRAP2
12973	CD247.8	0	0.337993	0.563	0.179	0 T cells	CD247
12974	TMA7.5	0	0.337056	0.96	0.888	0 T cells	TMA7
12975	DPP4	0	0.331739	0.104	0.011	0 T cells	DPP4
12976	RPS19.4	0	0.328689	1	0.985	0 T cells	RPS19
12977	CALM1.8	0	0.323142	0.924	0.827	0 T cells	CALM1
12978	APBA2	0	0.319667	0.113	0.019	0 T cells	APBA2
12979	PTPRC.5	0	0.317209	0.89	0.814	0 T cells	PTPRC
12980	RPS7.5	0	0.316005	1	0.986	0 T cells	RPS7
12981	RPL27.5	0	0.315671	0.973	0.928	0 T cells	RPL27
12982	ITM2B.6	0	0.294079	0.939	0.823	0 T cells	ITM2B
12983	RPL7A.5	0	0.287096	1	0.982	0 T cells	RPL7A
12984	TMSB4X.7	0	0.283948	1	0.997	0 T cells	TMSB4X
12985	RPL18A.6	0	0.260317	1	0.982	0 T cells	RPL18A
12986	RPL35.6	0	0.254464	0.995	0.968	0 T cells	RPL35
12987	MT-CO2.2	0	-0.2523	1	0.996	0 T cells	MT-CO2
12988	SH3TC1.2	0	-0.29509	0.02	0.11	0 T cells	SH3TC1
12989	NRM.1	0	-0.29779	0.024	0.115	0 T cells	NRM
12990	SLC43A2.1	0	-0.29818	0.006	0.101	0 T cells	SLC43A2
12991	RELT.1	0	-0.30137	0.015	0.112	0 T cells	RELT
12992	ENTPD1.2	0	-0.30465	0.002	0.101	0 T cells	ENTPD1
12993	CTNNA1.2	0	-0.30595	0.009	0.117	0 T cells	CTNNA1
12994	RRBP1.3	0	-0.30916	0.038	0.143	0 T cells	RRBP1
12995	MPST.4	0	-0.31602	0.03	0.143	0 T cells	MPST
12996	RNF135.1	0	-0.31888	0.025	0.129	0 T cells	RNF135
12997	WDR34.1	0	-0.321	0.016	0.11	0 T cells	WDR34
12998	LILRB4.2	0	-0.32648	0.001	0.108	0 T cells	LILRB4
12999	NRROS.5	0	-0.32672	0.055	0.176	0 T cells	NRROS
13000	CAPNS1.1	0	-0.32934	0.057	0.169	0 T cells	CAPNS1
13001	LPGAT1.2	0	-0.33055	0.031	0.13	0 T cells	LPGAT1
13002	RIPOR1.1	0	-0.3335	0.022	0.119	0 T cells	RIPOR1
13003	NOTCH2.1	0	-0.33549	0.037	0.145	0 T cells	NOTCH2
13004	DENND3.1	0	-0.33734	0.004	0.105	0 T cells	DENND3
13005	PLIN3.3	0	-0.3387	0.074	0.201	0 T cells	PLIN3
13006	GNB4.2	0	-0.34556	0.002	0.109	0 T cells	GNB4
13007	RASSF2.3	0	-0.34844	0.049	0.16	0 T cells	RASSF2
13008	KDM4B.1	0	-0.34942	0.035	0.131	0 T cells	KDM4B
13009	NUDT16.1	0	-0.34952	0.04	0.159	0 T cells	NUDT16
13010	NBPF14.2	0	-0.35161	0.045	0.152	0 T cells	NBPF14
13011	CLIC4.3	0	-0.35758	0.002	0.112	0 T cells	CLIC4
13012	TRAF4.1	0	-0.36119	0.025	0.117	0 T cells	TRAF4
13013	SEL1L3.2	0	-0.36403	0.021	0.128	0 T cells	SEL1L3
13014	SLC31A2.1	0	-0.36482	0.013	0.109	0 T cells	SLC31A2
13015	ACTN4.4	0	-0.36669	0.073	0.207	0 T cells	ACTN4
13016	STX11.2	0	-0.36854	0.021	0.134	0 T cells	STX11
13017	SEMA4B.1	0	-0.36942	0.01	0.111	0 T cells	SEMA4B
13018	CD86.1	0	-0.37192	0.001	0.121	0 T cells	CD86

13019 ARL11.2	0	-0.37283	0.002	0.111	0 T cells	ARL11
13020 AGPAT2.1	0	-0.37441	0.032	0.157	0 T cells	AGPAT2
13021 ODF3B.1	0	-0.3775	0.012	0.133	0 T cells	ODF3B
13022 CR1.1	0	-0.37887	0.022	0.116	0 T cells	CR1
13023 LILRA1.1	0	-0.37975	0.001	0.1	0 T cells	LILRA1
13024 ADAM19.1	0	-0.38101	0.01	0.116	0 T cells	ADAM19
13025 WDFY4.1	0	-0.38215	0.001	0.105	0 T cells	WDFY4
13026 UNC93B1.1	0	-0.38399	0.011	0.131	0 T cells	UNC93B1
13027 RALB.1	0	-0.38449	0.039	0.16	0 T cells	RALB
13028 SNRNP25.1	0	-0.38595	0.074	0.2	0 T cells	SNRNP25
13029 ATP2B1-AS1	0	-0.38703	0.04	0.15	0 T cells	ATP2B1-AS1
13030 FAM49A.1	0	-0.3884	0.008	0.135	0 T cells	FAM49A
13031 UBE2E2.2	0	-0.38906	0.04	0.16	0 T cells	UBE2E2
13032 SMCO4.1	0	-0.38998	0.02	0.14	0 T cells	SMCO4
13033 TUBB6.2	0	-0.39162	0.001	0.109	0 T cells	TUBB6
13034 NAGK.2	0	-0.39581	0.095	0.232	0 T cells	NAGK
13035 DEF8.3	0	-0.39634	0.05	0.173	0 T cells	DEF8
13036 APOBEC3C	0	-0.39829	0.066	0.198	0 T cells	APOBEC3C
13037 JAZF1.4	0	-0.39953	0.039	0.154	0 T cells	JAZF1
13038 SEC14L1.3	0	-0.40071	0.094	0.228	0 T cells	SEC14L1
13039 KMO.1	0	-0.40586	0.003	0.108	0 T cells	KMO
13040 GSAP.4	0	-0.40656	0.032	0.141	0 T cells	GSAP
13041 CLEC4A.1	0	-0.4081	0.001	0.117	0 T cells	CLEC4A
13042 ERGIC1.3	0	-0.40825	0.049	0.186	0 T cells	ERGIC1
13043 ITGAX.2	0	-0.4099	0.003	0.116	0 T cells	ITGAX
13044 EVI2B.2	0	-0.41023	0.078	0.219	0 T cells	EVI2B
13045 HDAC9.1	0	-0.41068	0.003	0.115	0 T cells	HDAC9
13046 PHACTR1.2	0	-0.41282	0.001	0.104	0 T cells	PHACTR1
13047 GUCD1.1	0	-0.41372	0.041	0.158	0 T cells	GUCD1
13048 TNFAIP2.1	0	-0.41445	0.001	0.101	0 T cells	TNFAIP2
13049 CLEC17A.1	0	-0.4166	0	0.1	0 T cells	CLEC17A
13050 ALDH2.2	0	-0.41763	0.003	0.115	0 T cells	ALDH2
13051 SMC6.1	0	-0.4189	0.057	0.177	0 T cells	SMC6
13052 RELB.1	0	-0.42013	0.062	0.193	0 T cells	RELB
13053 PYGL.3	0	-0.42114	0.002	0.1	0 T cells	PYGL
13054 TNFSF13.1	0	-0.42329	0.002	0.125	0 T cells	TNFSF13
13055 PRCP.2	0	-0.42333	0.098	0.237	0 T cells	PRCP
13056 CPNE5.4	0	-0.42454	0.001	0.121	0 T cells	CPNE5
13057 LRP1.1	0	-0.42681	0.003	0.11	0 T cells	LRP1
13058 AC007384.1	0	-0.42724	0.021	0.13	0 T cells	AC007384.1
13059 CLEC7A.1	0	-0.42926	0.001	0.113	0 T cells	CLEC7A
13060 MAFB.1	0	-0.4313	0.001	0.101	0 T cells	MAFB
13061 KYNU.2	0	-0.432	0.001	0.139	0 T cells	KYNU
13062 ZNF385A.1	0	-0.43225	0.002	0.127	0 T cells	ZNF385A
13063 PPP1R15A.1	0	-0.43226	0.073	0.202	0 T cells	PPP1R15A
13064 CD81.1	0	-0.4345	0.032	0.157	0 T cells	CD81
13065 SYVN1.4	0	-0.43515	0.075	0.203	0 T cells	SYVN1

13066 PLEKHG1.1	0	-0.43664	0.004	0.113	0 T cells	PLEKHG1
13067 CYSTM1.1	0	-0.43699	0.027	0.12	0 T cells	CYSTM1
13068 ZNF296.1	0	-0.4371	0.012	0.138	0 T cells	ZNF296
13069 EIF4EBP1.2	0	-0.4382	0.051	0.203	0 T cells	EIF4EBP1
13070 TESC.4	0	-0.4383	0.029	0.163	0 T cells	TESC
13071 BCL7A.2	0	-0.43869	0.025	0.131	0 T cells	BCL7A
13072 MBD4.3	0	-0.43915	0.153	0.299	0 T cells	MBD4
13073 IFT57.4	0	-0.44278	0.09	0.214	0 T cells	IFT57
13074 PRR13.5	0	-0.44311	0.604	0.717	0 T cells	PRR13
13075 MAP2K3.3	0	-0.44505	0.148	0.304	0 T cells	MAP2K3
13076 ATP2B1.2	0	-0.44686	0.131	0.282	0 T cells	ATP2B1
13077 TFEB.1	0	-0.44945	0.006	0.14	0 T cells	TFEB
13078 BTLA.3	0	-0.44973	0.047	0.15	0 T cells	BTLA
13079 MCTP2.2	0	-0.45051	0.023	0.142	0 T cells	MCTP2
13080 SIDT2.2	0	-0.45504	0.018	0.149	0 T cells	SIDT2
13081 VASP.4	0	-0.45606	0.155	0.302	0 T cells	VASP
13082 PSMB9.5	0	-0.45639	0.63	0.739	0 T cells	PSMB9
13083 BID.3	0	-0.45747	0.103	0.237	0 T cells	BID
13084 GM2A.2	0	-0.45954	0.022	0.154	0 T cells	GM2A
13085 SLC16A3.4	0	-0.46106	0.046	0.191	0 T cells	SLC16A3
13086 PRAM1.2	0	-0.46165	0.003	0.125	0 T cells	PRAM1
13087 C11orf24.3	0	-0.46563	0.04	0.184	0 T cells	C11orf24
13088 BASP1.2	0	-0.46648	0.001	0.115	0 T cells	BASP1
13089 SH3BGRL.6	0	-0.46707	0.487	0.631	0 T cells	SH3BGRL
13090 ATG16L2.3	0	-0.473	0.087	0.234	0 T cells	ATG16L2
13091 CHD9.3	0	-0.4784	0.088	0.246	0 T cells	CHD9
13092 PLAUR.1	0	-0.47933	0.005	0.12	0 T cells	PLAUR
13093 APPL1.3	0	-0.48046	0.142	0.3	0 T cells	APPL1
13094 SIGLEC10.2	0	-0.48135	0.001	0.139	0 T cells	SIGLEC10
13095 NADK.3	0	-0.48235	0.052	0.213	0 T cells	NADK
13096 METTL7A.2	0	-0.48258	0.004	0.156	0 T cells	METTL7A
13097 DAPP1.3	0	-0.48326	0.031	0.175	0 T cells	DAPP1
13098 CD1D.2	0	-0.48348	0	0.142	0 T cells	CD1D
13099 STAP1.2	0	-0.48453	0.008	0.13	0 T cells	STAP1
13100 RHBDF2.3	0	-0.48596	0.032	0.184	0 T cells	RHBDF2
13101 TBXAS1.3	0	-0.48689	0.011	0.145	0 T cells	TBXAS1
13102 RNASET2.5	0	-0.48903	0.542	0.668	0 T cells	RNASET2
13103 POMP.5	0	-0.4894	0.391	0.547	0 T cells	POMP
13104 PTPRE.6	0	-0.48956	0.074	0.201	0 T cells	PTPRE
13105 RHOA.6	0	-0.49142	0.854	0.896	0 T cells	RHOA
13106 SH3BP2.4	0	-0.4916	0.046	0.197	0 T cells	SH3BP2
13107 SNX22.2	0	-0.49221	0.003	0.12	0 T cells	SNX22
13108 YBX3.4	0	-0.4932	0.042	0.169	0 T cells	YBX3
13109 FCHSD2.2	0	-0.49547	0.038	0.177	0 T cells	FCHSD2
13110 RAB11FIP1	0	-0.4956	0.031	0.175	0 T cells	RAB11FIP1
13111 CYB5R3.3	0	-0.49695	0.164	0.331	0 T cells	CYB5R3
13112 GLIPR2.6	0	-0.49725	0.133	0.272	0 T cells	GLIPR2

13113 LRRK2.1	0	-0.49733	0.002	0.136	0 T cells	LRRK2
13114 DRAM2.2	0	-0.49816	0.145	0.311	0 T cells	DRAM2
13115 IFI16.6	0	-0.49929	0.227	0.399	0 T cells	IFI16
13116 PPK.3	0	-0.5003	0.059	0.213	0 T cells	PPK
13117 RB1.1	0	-0.50163	0.083	0.244	0 T cells	RB1
13118 NAIP.1	0	-0.50265	0.022	0.13	0 T cells	NAIP
13119 ITGAM.3	0	-0.50295	0.023	0.152	0 T cells	ITGAM
13120 JUP.2	0	-0.50336	0.003	0.124	0 T cells	JUP
13121 LSP1.6	0	-0.50432	0.782	0.858	0 T cells	LSP1
13122 FAM3C.4	0	-0.50948	0.041	0.172	0 T cells	FAM3C
13123 LILRA2.1	0	-0.51241	0.001	0.132	0 T cells	LILRA2
13124 CD53.6	0	-0.51405	0.526	0.671	0 T cells	CD53
13125 MYL6.6	0	-0.51456	0.946	0.949	0 T cells	MYL6
13126 C16orf74.3	0	-0.51544	0.047	0.178	0 T cells	C16orf74
13127 IRF5.2	0	-0.5158	0.006	0.172	0 T cells	IRF5
13128 BLOC1S2.3	0	-0.51619	0.207	0.379	0 T cells	BLOC1S2
13129 LAMTOR5.	0	-0.51779	0.309	0.494	0 T cells	LAMTOR5
13130 PRKCD.3	0	-0.51857	0.043	0.219	0 T cells	PRKCD
13131 GSN.4	0	-0.51892	0.007	0.146	0 T cells	GSN
13132 FCRL2.1	0	-0.51989	0.001	0.126	0 T cells	FCRL2
13133 IFNGR1.4	0	-0.52151	0.139	0.314	0 T cells	IFNGR1
13134 SP100.5	0	-0.52279	0.396	0.561	0 T cells	SP100
13135 ARHGAP24	0	-0.52305	0.001	0.134	0 T cells	ARHGAP24
13136 SLC2A6.1	0	-0.52522	0.016	0.161	0 T cells	SLC2A6
13137 LSM10.2	0	-0.52543	0.205	0.391	0 T cells	LSM10
13138 ASGR1.1	0	-0.52648	0.001	0.116	0 T cells	ASGR1
13139 ARHGAP17	0	-0.52906	0.099	0.248	0 T cells	ARHGAP17
13140 MOB1A.4	0	-0.53008	0.235	0.424	0 T cells	MOB1A
13141 WSB1.3	0	-0.53134	0.252	0.419	0 T cells	WSB1
13142 NUP214.4	0	-0.53418	0.08	0.221	0 T cells	NUP214
13143 PLSCR1.4	0	-0.539	0.093	0.251	0 T cells	PLSCR1
13144 TLR10.1	0	-0.53949	0.001	0.136	0 T cells	TLR10
13145 SP140.5	0	-0.53958	0.076	0.236	0 T cells	SP140
13146 CD300A.7	0	-0.54043	0.084	0.217	0 T cells	CD300A
13147 DOK3.1	0	-0.54127	0.002	0.174	0 T cells	DOK3
13148 THEMIS2.4	0	-0.54339	0.086	0.255	0 T cells	THEMIS2
13149 CX3CR1.4	0	-0.54744	0.047	0.157	0 T cells	CX3CR1
13150 PARVB.4	0	-0.54853	0.023	0.185	0 T cells	PARVB
13151 FCGR2A.2	0	-0.55047	0.002	0.124	0 T cells	FCGR2A
13152 CXCR5.1	0	-0.55153	0.009	0.138	0 T cells	CXCR5
13153 IQGAP1.5	0	-0.55156	0.211	0.396	0 T cells	IQGAP1
13154 HLA-DOA.1	0	-0.55223	0.011	0.147	0 T cells	HLA-DOA
13155 FES.3	0	-0.55362	0.004	0.17	0 T cells	FES
13156 SHMT2.5	0	-0.55505	0.217	0.387	0 T cells	SHMT2
13157 ADK.4	0	-0.55627	0.143	0.289	0 T cells	ADK
13158 GGA2.3	0	-0.55673	0.061	0.223	0 T cells	GGA2
13159 GNAI2.4	0	-0.55833	0.196	0.362	0 T cells	GNAI2

13160 DDAH2.5	0	-0.55919	0.072	0.254	0 T cells	DDAH2
13161 BST2.6	0	-0.5598	0.359	0.53	0 T cells	BST2
13162 CD36.2	0	-0.5602	0.002	0.117	0 T cells	CD36
13163 TMEM154.	0	-0.56179	0.076	0.246	0 T cells	TMEM154
13164 SH3BP5.5	0	-0.56285	0.155	0.33	0 T cells	SH3BP5
13165 CPPED1.3	0	-0.56379	0.021	0.171	0 T cells	CPPED1
13166 PARVG.5	0	-0.56423	0.243	0.43	0 T cells	PARVG
13167 WASHC4.5	0	-0.56563	0.116	0.293	0 T cells	WASHC4
13168 CCR6.1	0	-0.56583	0.016	0.147	0 T cells	CCR6
13169 CD52.8	0	-0.56653	0.82	0.832	0 T cells	CD52
13170 RHOB.2	0	-0.56868	0.014	0.139	0 T cells	RHOB
13171 HSBP1.3	0	-0.573	0.195	0.377	0 T cells	HSBP1
13172 LILRB3.1	0	-0.578	0.002	0.137	0 T cells	LILRB3
13173 IGFBP7.4	0	-0.58027	0.001	0.12	0 T cells	IGFBP7
13174 MIS18BP1.	0	-0.58254	0.096	0.293	0 T cells	MIS18BP1
13175 UVRAG.4	0	-0.58396	0.1	0.28	0 T cells	UVRAG
13176 PLEKHA2.3	0	-0.58505	0.041	0.195	0 T cells	PLEKHA2
13177 CDCA7L.5	0	-0.58876	0.094	0.243	0 T cells	CDCA7L
13178 DBI.5	0	-0.59098	0.53	0.679	0 T cells	DBI
13179 LAMTOR1.	0	-0.59235	0.362	0.543	0 T cells	LAMTOR1
13180 CD1C.2	0	-0.59262	0	0.115	0 T cells	CD1C
13181 NT5C.6	0	-0.59462	0.283	0.484	0 T cells	NT5C
13182 IGSF6.1	0	-0.59862	0.003	0.146	0 T cells	IGSF6
13183 TPD52.4	0	-0.59893	0.042	0.202	0 T cells	TPD52
13184 TNFRSF13C	0	-0.60008	0.004	0.151	0 T cells	TNFRSF13C
13185 RNF141.5	0	-0.60683	0.069	0.252	0 T cells	RNF141
13186 PIK3AP1.2	0	-0.60837	0.009	0.193	0 T cells	PIK3AP1
13187 PLAC8.5	0	-0.60943	0.44	0.595	0 T cells	PLAC8
13188 TLN1.6	0	-0.60968	0.154	0.34	0 T cells	TLN1
13189 PAX5.2	0	-0.61166	0.001	0.149	0 T cells	PAX5
13190 ZFP36L1.5	0	-0.6125	0.477	0.61	0 T cells	ZFP36L1
13191 NFE2.4	0	-0.61467	0.002	0.129	0 T cells	NFE2
13192 ATP6VOC.2	0	-0.61495	0.515	0.641	0 T cells	ATP6VOC
13193 PRKCB.5	0	-0.61513	0.1	0.298	0 T cells	PRKCB
13194 CNPY3.2	0	-0.61555	0.357	0.555	0 T cells	CNPY3
13195 BLOC1S1.3	0	-0.61698	0.336	0.525	0 T cells	BLOC1S1
13196 EFHD2.7	0	-0.6181	0.068	0.246	0 T cells	EFHD2
13197 CEBPD.2	0	-0.6181	0.011	0.132	0 T cells	CEBPD
13198 PLP2.4	0	-0.62208	0.282	0.476	0 T cells	PLP2
13199 QRSL1.4	0	-0.62378	0.054	0.216	0 T cells	QRSL1
13200 CMTM6.4	0	-0.62613	0.228	0.437	0 T cells	CMTM6
13201 AP1S2.4	0	-0.62699	0.186	0.353	0 T cells	AP1S2
13202 MSRB1.5	0	-0.62933	0.044	0.194	0 T cells	MSRB1
13203 CD83.2	0	-0.63217	0.01	0.147	0 T cells	CD83
13204 BIRC3.3	0	-0.6322	0.096	0.25	0 T cells	BIRC3
13205 PLEKHF2.6	0	-0.63299	0.092	0.262	0 T cells	PLEKHF2
13206 FGD2.2	0	-0.63336	0.001	0.191	0 T cells	FGD2

13207 CIITA.1	0	-0.63681	0.002	0.171	0 T cells	CIITA
13208 SCPEP1.3	0	-0.63761	0.049	0.25	0 T cells	SCPEP1
13209 TNFRSF1B.	0	-0.63845	0.078	0.244	0 T cells	TNFRSF1B
13210 C5AR1.1	0	-0.64101	0.002	0.125	0 T cells	C5AR1
13211 PKIG.2	0	-0.64429	0.013	0.171	0 T cells	PKIG
13212 REEP5.7	0	-0.64809	0.215	0.455	0 T cells	REEP5
13213 RGS19.5	0	-0.65011	0.308	0.523	0 T cells	RGS19
13214 LGALS9.5	0	-0.65433	0.054	0.247	0 T cells	LGALS9
13215 CTSD.5	0	-0.65483	0.058	0.188	0 T cells	CTSD
13216 OAS1.5	0	-0.65625	0.065	0.265	0 T cells	OAS1
13217 PNOC.1	0	-0.65921	0	0.169	0 T cells	PNOC
13218 SLC7A7.1	0	-0.66306	0.003	0.157	0 T cells	SLC7A7
13219 RHOC.6	0	-0.66414	0.035	0.192	0 T cells	RHOC
13220 AL034397.	0	-0.66698	0.002	0.168	0 T cells	AL034397.3
13221 HMOX1.2	0	-0.66937	0.004	0.161	0 T cells	HMOX1
13222 AHNAK.6	0	-0.67181	0.156	0.375	0 T cells	AHNAK
13223 CD82.6	0	-0.67341	0.106	0.28	0 T cells	CD82
13224 FAM96A.4	0	-0.67362	0.245	0.476	0 T cells	FAM96A
13225 TPM4.7	0	-0.67522	0.152	0.35	0 T cells	TPM4
13226 SH3BGR1.3	0	-0.67579	0.933	0.949	0 T cells	SH3BGR1.3
13227 BTG2.4	0	-0.67654	0.194	0.387	0 T cells	BTG2
13228 DUSP6.1	0	-0.68021	0.004	0.151	0 T cells	DUSP6
13229 CTSZ.3	0	-0.68227	0.011	0.215	0 T cells	CTSZ
13230 ORAI2.3	0	-0.68423	0.045	0.241	0 T cells	ORAI2
13231 PRELID1.6	0	-0.68518	0.45	0.582	0 T cells	PRELID1
13232 C19orf38.2	0	-0.68543	0.01	0.187	0 T cells	C19orf38
13233 NFKBIA.4	0	-0.68708	0.25	0.417	0 T cells	NFKBIA
13234 TAGLN2.6	0	-0.6872	0.715	0.838	0 T cells	TAGLN2
13235 AGTRAP.6	0	-0.6879	0.154	0.312	0 T cells	AGTRAP
13236 CPVL.1	0	-0.68794	0.001	0.142	0 T cells	CPVL
13237 CCDC50.2	0	-0.68901	0.022	0.217	0 T cells	CCDC50
13238 GRINA.4	0	-0.69015	0.168	0.353	0 T cells	GRINA
13239 SYPL1.6	0	-0.69062	0.29	0.452	0 T cells	SYPL1
13240 GNG7.4	0	-0.691	0.014	0.199	0 T cells	GNG7
13241 LILRB1.1	0	-0.69104	0.01	0.18	0 T cells	LILRB1
13242 BCL11A.4	0	-0.693	0.01	0.188	0 T cells	BCL11A
13243 LYST.3	0	-0.69637	0.072	0.273	0 T cells	LYST
13244 RAC1.5	0	-0.70408	0.426	0.578	0 T cells	RAC1
13245 TCIRG1.5	0	-0.70736	0.157	0.365	0 T cells	TCIRG1
13246 GNG5.4	0	-0.70738	0.57	0.708	0 T cells	GNG5
13247 CFP.7	0	-0.71104	0.056	0.18	0 T cells	CFP
13248 WARS.4	0	-0.71233	0.066	0.21	0 T cells	WARS
13249 CAST.5	0	-0.71237	0.248	0.48	0 T cells	CAST
13250 BLVRB.5	0	-0.71704	0.062	0.221	0 T cells	BLVRB
13251 DERL3.2	0	-0.71824	0.002	0.142	0 T cells	DERL3
13252 GLIPR1.5	0	-0.72004	0.121	0.355	0 T cells	GLIPR1
13253 ATP6V0D1	0	-0.72095	0.209	0.446	0 T cells	ATP6V0D1

13254 RCSD1.3	0	-0.72121	0.332	0.544	0 T cells	RCSD1
13255 LTA4H.6	0	-0.72573	0.256	0.455	0 T cells	LTA4H
13256 HK3.1	0	-0.72796	0.001	0.153	0 T cells	HK3
13257 MAP3K8.5	0	-0.73153	0.027	0.242	0 T cells	MAP3K8
13258 HSH2D.6	0	-0.73699	0.069	0.289	0 T cells	HSH2D
13259 CARD16.6	0	-0.7375	0.305	0.491	0 T cells	CARD16
13260 SPIB.2	0	-0.74406	0.001	0.175	0 T cells	SPIB
13261 TSPAN3.7	0	-0.74638	0.108	0.321	0 T cells	TSPAN3
13262 MYO1F.7	0	-0.74679	0.073	0.281	0 T cells	MYO1F
13263 ASAH1.4	0	-0.74719	0.197	0.407	0 T cells	ASAH1
13264 RAB24.3	0	-0.74741	0.16	0.395	0 T cells	RAB24
13265 PLCG2.3	0	-0.74744	0.009	0.238	0 T cells	PLCG2
13266 GLUL.5	0	-0.74753	0.082	0.272	0 T cells	GLUL
13267 C1orf162.6	0	-0.74906	0.273	0.475	0 T cells	C1orf162
13268 POU2AF1.5	0	-0.75144	0.005	0.198	0 T cells	POU2AF1
13269 REL.6	0	-0.75836	0.12	0.36	0 T cells	REL
13270 LAPTM5.5	0	-0.75875	0.84	0.906	0 T cells	LAPTM5
13271 PILRA.1	0	-0.75924	0.003	0.151	0 T cells	PILRA
13272 AFF3.6	0	-0.76336	0.031	0.215	0 T cells	AFF3
13273 EZR.5	0	-0.76642	0.337	0.52	0 T cells	EZR
13274 CLEC12A.2	0	-0.76938	0.003	0.165	0 T cells	CLEC12A
13275 TNFSF13B.	0	-0.77091	0.015	0.183	0 T cells	TNFSF13B
13276 SNX10.4	0	-0.77535	0.043	0.285	0 T cells	SNX10
13277 GRB2.3	0	-0.77741	0.288	0.55	0 T cells	GRB2
13278 SKAP2.3	0	-0.77784	0.026	0.274	0 T cells	SKAP2
13279 PGD.7	0	-0.78256	0.144	0.306	0 T cells	PGD
13280 FCGR2B.5	0	-0.78308	0.002	0.215	0 T cells	FCGR2B
13281 ALOX5AP.7	0	-0.78486	0.286	0.447	0 T cells	ALOX5AP
13282 H3F3A.4	0	-0.78546	0.938	0.964	0 T cells	H3F3A
13283 ADAM28.3	0	-0.7869	0.001	0.182	0 T cells	ADAM28
13284 MPEG1.3	0	-0.78725	0.001	0.211	0 T cells	MPEG1
13285 CD180.3	0	-0.80588	0.001	0.216	0 T cells	CD180
13286 TALDO1.4	0	-0.80866	0.417	0.56	0 T cells	TALDO1
13287 LRRC25.1	0	-0.80956	0.002	0.176	0 T cells	LRRC25
13288 SCIMP.6	0	-0.81166	0.001	0.214	0 T cells	SCIMP
13289 LINC02397	0	-0.8132	0.001	0.188	0 T cells	LINC02397
13290 MTPN.6	0	-0.81329	0.224	0.5	0 T cells	MTPN
13291 NCF2.3	0	-0.82056	0.005	0.197	0 T cells	NCF2
13292 TMEM176A	0	-0.82489	0.002	0.145	0 T cells	TMEM176A
13293 ANXA4.4	0	-0.8264	0.037	0.286	0 T cells	ANXA4
13294 GAPT.4	0	-0.82756	0.005	0.214	0 T cells	GAPT
13295 SNX3.4	0	-0.83232	0.418	0.668	0 T cells	SNX3
13296 SLC25A37.	0	-0.8379	0.053	0.175	0 T cells	SLC25A37
13297 ZEB2.5	0	-0.83882	0.031	0.284	0 T cells	ZEB2
13298 ATP6V0B.4	0	-0.84353	0.343	0.57	0 T cells	ATP6V0B
13299 LGALS2.1	0	-0.85299	0.001	0.1	0 T cells	LGALS2
13300 MTSS1.5	0	-0.854	0.041	0.273	0 T cells	MTSS1

13301	UBE2J1.6	0	-0.85529	0.145	0.383	0 T cells	UBE2J1
13302	FGL2.2	0	-0.85529	0.017	0.19	0 T cells	FGL2
13303	ARPC3.5	0	-0.85702	0.866	0.952	0 T cells	ARPC3
13304	RGS2.2	0	-0.85906	0.011	0.166	0 T cells	RGS2
13305	SLC11A1.2	0	-0.8654	0.013	0.182	0 T cells	SLC11A1
13306	IGHG2.2	0	-0.86837	0.003	0.121	0 T cells	IGHG2
13307	CDA.1	0	-0.86944	0.002	0.155	0 T cells	CDA
13308	GABARAP.1	0	-0.87053	0.779	0.871	0 T cells	GABARAP
13309	HHEX.5	0	-0.87468	0.002	0.246	0 T cells	HHEX
13310	RNASE6.4	0	-0.87626	0.004	0.233	0 T cells	RNASE6
13311	BCL2A1.5	0	-0.87998	0.093	0.249	0 T cells	BCL2A1
13312	RAB31.5	0	-0.88588	0.003	0.23	0 T cells	RAB31
13313	MARCH1.5	0	-0.90349	0.002	0.259	0 T cells	Mar-01
13314	CD63.6	0	-0.9257	0.123	0.352	0 T cells	CD63
13315	ANXA5.5	0	-0.92873	0.161	0.399	0 T cells	ANXA5
13316	ZFP36.3	0	-0.93462	0.509	0.65	0 T cells	ZFP36
13317	RNF130.6	0	-0.93638	0.056	0.266	0 T cells	RNF130
13318	BLNK.5	0	-0.94959	0.001	0.253	0 T cells	BLNK
13319	PPP1R14A.1	0	-0.95645	0.001	0.198	0 T cells	PPP1R14A
13320	POLD4.5	0	-0.96044	0.426	0.69	0 T cells	POLD4
13321	FAM30A.5	0	-0.96091	0.005	0.197	0 T cells	FAM30A
13322	CTSH.7	0	-0.97049	0.02	0.311	0 T cells	CTSH
13323	MS4A7.1	0	-0.97354	0.001	0.148	0 T cells	MS4A7
13324	CXXC5.7	0	-0.97454	0.015	0.285	0 T cells	CXXC5
13325	TCF4.6	0	-0.97683	0.005	0.263	0 T cells	TCF4
13326	PLBD1.2	0	-0.98159	0.005	0.158	0 T cells	PLBD1
13327	CD22.6	0	-0.99881	0.001	0.237	0 T cells	CD22
13328	TSPAN13.5	0	-1.00177	0.001	0.244	0 T cells	TSPAN13
13329	APLP2.3	0	-1.02234	0.046	0.316	0 T cells	APLP2
13330	FCRL1.5	0	-1.03024	0.002	0.248	0 T cells	FCRL1
13331	EAf2.5	0	-1.04546	0.028	0.317	0 T cells	EAf2
13332	OAZ1.5	0	-1.04732	0.912	0.968	0 T cells	OAZ1
13333	PLD4.5	0	-1.04854	0.001	0.223	0 T cells	PLD4
13334	CSTA.2	0	-1.05322	0.003	0.182	0 T cells	CSTA
13335	NCF4.6	0	-1.0607	0.017	0.329	0 T cells	NCF4
13336	MS4A6A.2	0	-1.06092	0.009	0.179	0 T cells	MS4A6A
13337	LILRB2.2	0	-1.06503	0.002	0.18	0 T cells	LILRB2
13338	RUBCNL.4	0	-1.07054	0.001	0.275	0 T cells	RUBCNL
13339	BTK.5	0	-1.07123	0.002	0.335	0 T cells	BTK
13340	POU2F2.6	0	-1.07529	0.082	0.411	0 T cells	POU2F2
13341	HLA-DOB.5	0	-1.07982	0.001	0.263	0 T cells	HLA-DOB
13342	FPR1.2	0	-1.08011	0.002	0.184	0 T cells	FPR1
13343	LILRA5.2	0	-1.0855	0.003	0.171	0 T cells	LILRA5
13344	PLEK.6	0	-1.09828	0.075	0.42	0 T cells	PLEK
13345	PTPN6.5	0	-1.10844	0.479	0.747	0 T cells	PTPN6
13346	LY86.6	0	-1.11041	0.011	0.333	0 T cells	LY86
13347	HERPUD1.1	0	-1.1126	0.214	0.515	0 T cells	HERPUD1

13348 IFNGR2.6	0	-1.11521	0.163	0.515	0 T cells	IFNGR2
13349 SMIM14.6	0	-1.11547	0.047	0.34	0 T cells	SMIM14
13350 COTL1.5	0	-1.11704	0.557	0.629	0 T cells	COTL1
13351 BLK.7	0	-1.11901	0.007	0.286	0 T cells	BLK
13352 NPC2.3	0	-1.13008	0.174	0.463	0 T cells	NPC2
13353 PYCARD.5	0	-1.13042	0.261	0.487	0 T cells	PYCARD
13354 SMIM25.2	0	-1.13086	0.002	0.159	0 T cells	SMIM25
13355 IGHV5-78.4	0	-1.13528	0.001	0.255	0 T cells	IGHV5-78
13356 LGALS3.5	0	-1.13698	0.018	0.236	0 T cells	LGALS3
13357 CD24.6	0	-1.14663	0.001	0.252	0 T cells	CD24
13358 SWAP70.5	0	-1.14937	0.023	0.339	0 T cells	SWAP70
13359 CYB561A3.	0	-1.15136	0.115	0.397	0 T cells	CYB561A3
13360 STX7.5	0	-1.15509	0.057	0.408	0 T cells	STX7
13361 CSF3R.1	0	-1.16229	0.003	0.151	0 T cells	CSF3R
13362 SRGN.7	0	-1.18432	0.354	0.463	0 T cells	SRGN
13363 GCA.5	0	-1.19196	0.089	0.334	0 T cells	GCA
13364 CYBA.8	0	-1.19792	0.614	0.865	0 T cells	CYBA
13365 CAPG.6	0	-1.21498	0.058	0.387	0 T cells	CAPG
13366 IFI30.5	0	-1.2184	0.003	0.261	0 T cells	IFI30
13367 SYNGR2.5	0	-1.21946	0.359	0.692	0 T cells	SYNGR2
13368 SYK.4	0	-1.2217	0.003	0.383	0 T cells	SYK
13369 CLIC1.6	0	-1.22973	0.54	0.878	0 T cells	CLIC1
13370 HCK.5	0	-1.23191	0.003	0.285	0 T cells	HCK
13371 GSTP1.7	0	-1.23226	0.422	0.653	0 T cells	GSTP1
13372 RETN.1	0	-1.23362	0.007	0.128	0 T cells	RETN
13373 CD40.7	0	-1.24612	0.004	0.326	0 T cells	CD40
13374 IGLL5.2	0	-1.26475	0.002	0.188	0 T cells	IGLL5
13375 CD68.7	0	-1.26828	0.008	0.211	0 T cells	CD68
13376 ALOX5.6	0	-1.26851	0.007	0.371	0 T cells	ALOX5
13377 TMEM176B	0	-1.27252	0.003	0.176	0 T cells	TMEM176B
13378 IGHD.5	0	-1.2873	0.004	0.272	0 T cells	IGHD
13379 ANXA2.7	0	-1.31452	0.159	0.47	0 T cells	ANXA2
13380 IRF8.5	0	-1.31979	0.011	0.349	0 T cells	IRF8
13381 PDLIM1.7	0	-1.33058	0.014	0.377	0 T cells	PDLIM1
13382 CFD.3	0	-1.33671	0.019	0.182	0 T cells	CFD
13383 NAPSA.7	0	-1.34224	0.004	0.357	0 T cells	NAPSA
13384 CYBB.7	0	-1.36877	0.005	0.356	0 T cells	CYBB
13385 HLA-DMB.1	0	-1.42869	0.016	0.407	0 T cells	HLA-DMB
13386 PSAP.4	0	-1.4351	0.31	0.523	0 T cells	PSAP
13387 MZB1.5	0	-1.43775	0.009	0.246	0 T cells	MZB1
13388 CALHM6.7	0	-1.4397	0.038	0.437	0 T cells	CALHM6
13389 SNX2.4	0	-1.44171	0.234	0.638	0 T cells	SNX2
13390 CD72.7	0	-1.46139	0.01	0.324	0 T cells	CD72
13391 FGR.6	0	-1.46731	0.047	0.43	0 T cells	FGR
13392 LAT2.6	0	-1.48523	0.007	0.455	0 T cells	LAT2
13393 PLPP5.6	0	-1.49423	0.056	0.391	0 T cells	PLPP5
13394 SPI1.5	0	-1.53344	0.005	0.36	0 T cells	SPI1

13395	RALGPS2.6	0	-1.54143	0.042	0.405	0 T cells	RALGPS2
13396	FTH1.6	0	-1.54603	0.977	0.987	0 T cells	FTH1
13397	CD14.2	0	-1.56034	0.005	0.165	0 T cells	CD14
13398	GRN.5	0	-1.57535	0.077	0.413	0 T cells	GRN
13399	VCAN.1	0	-1.5768	0.006	0.152	0 T cells	VCAN
13400	LYN.5	0	-1.58184	0.011	0.494	0 T cells	LYN
13401	MNDA.7	0	-1.5921	0.013	0.229	0 T cells	MNDA
13402	FCGR3A.8	0	-1.60346	0.046	0.208	0 T cells	FCGR3A
13403	FAM129C.	0	-1.6227	0.003	0.372	0 T cells	FAM129C
13404	FCRLA.7	0	-1.6375	0.001	0.376	0 T cells	FCRLA
13405	DUSP1.4	0	-1.64132	0.11	0.371	0 T cells	DUSP1
13406	FTL.5	0	-1.6754	0.99	0.997	0 T cells	FTL
13407	IGLC3.4	0	-1.67763	0.004	0.202	0 T cells	IGLC3
13408	MEF2C.6	0	-1.6809	0.004	0.451	0 T cells	MEF2C
13409	STXBP2.6	0	-1.70765	0.092	0.294	0 T cells	STXBP2
13410	FCER2.7	0	-1.73166	0.002	0.353	0 T cells	FCER2
13411	CD19.7	0	-1.73869	0.002	0.418	0 T cells	CD19
13412	TYMP.6	0	-1.75689	0.078	0.366	0 T cells	TYMP
13413	LINC00926	0	-1.80233	0.003	0.408	0 T cells	LINC00926
13414	HVCN1.7	0	-1.83894	0.078	0.52	0 T cells	HVCN1
13415	CTSS.5	0	-1.86921	0.17	0.577	0 T cells	CTSS
13416	IGHA1.2	0	-1.89311	0.014	0.119	0 T cells	IGHA1
13417	IGLC2.4	0	-1.90158	0.009	0.209	0 T cells	IGLC2
13418	BANK1.5	0	-1.91696	0.003	0.445	0 T cells	BANK1
13419	CD37.6	0	-1.94003	0.851	0.938	0 T cells	CD37
13420	VPREB3.7	0	-1.98719	0.002	0.402	0 T cells	VPREB3
13421	SAT1.5	0	-1.99927	0.323	0.568	0 T cells	SAT1
13422	FOS.6	0	-2.15801	0.03	0.202	0 T cells	FOS
13423	LST1.8	0	-2.20164	0.066	0.288	0 T cells	LST1
13424	NCF1.6	0	-2.20859	0.255	0.748	0 T cells	NCF1
13425	FCN1.8	0	-2.23257	0.007	0.219	0 T cells	FCN1
13426	LGALS1.6	0	-2.303	0.099	0.381	0 T cells	LGALS1
13427	CD79B.7	0	-2.31618	0.066	0.588	0 T cells	CD79B
13428	HLA-DMA.	0	-2.33279	0.067	0.664	0 T cells	HLA-DMA
13429	SERPINA1.	0	-2.36144	0.01	0.231	0 T cells	SERPINA1
13430	JCHAIN.5	0	-2.46603	0.017	0.219	0 T cells	JCHAIN
13431	HLA-DQA1	0	-2.56939	0.01	0.585	0 T cells	HLA-DQA1
13432	HLA-DQA2	0	-2.63349	0.012	0.446	0 T cells	HLA-DQA2
13433	HLA-DQB1	0	-2.66782	0.018	0.621	0 T cells	HLA-DQB1
13434	IGHM.5	0	-2.75965	0.03	0.522	0 T cells	IGHM
13435	FCER1G.5	0	-2.8247	0.083	0.381	0 T cells	FCER1G
13436	IGKC.4	0	-2.90406	0.026	0.315	0 T cells	IGKC
13437	TCL1A.7	0	-3.03719	0.006	0.434	0 T cells	TCL1A
13438	CST3.6	0	-3.20473	0.033	0.27	0 T cells	CST3
13439	HLA-DPB1.	0	-3.23988	0.162	0.789	0 T cells	HLA-DPB1
13440	CD79A.6	0	-3.24059	0.051	0.602	0 T cells	CD79A
13441	LYZ.7	0	-3.25529	0.036	0.243	0 T cells	LYZ

13442	TYROBP.6	0	-3.45251	0.038	0.392	0	T cells	TYROBP
13443	MS4A1.7	0	-3.54171	0.01	0.572	0	T cells	MS4A1
13444	S100A12.6	0	-3.69519	0.044	0.19	0	T cells	S100A12
13445	HLA-DPA1.	0	-3.72425	0.145	0.823	0	T cells	HLA-DPA1
13446	HLA-DRB5.	0	-3.80067	0.066	0.767	0	T cells	HLA-DRB5
13447	HLA-DRB1.	0	-3.92317	0.082	0.834	0	T cells	HLA-DRB1
13448	CD74.7	0	-4.92431	0.684	0.956	0	T cells	CD74
13449	HLA-DRA.7	0	-4.99854	0.049	0.809	0	T cells	HLA-DRA
13450	S100A9.5	0	-5.23097	0.142	0.317	0	T cells	S100A9
13451	S100A8.6	0	-5.83624	0.168	0.321	0	T cells	S100A8
13452	NAMPT.5	4.99E-308	-0.88047	0.08	0.199	9.37E-304	T cells	NAMPT
13453	KIAA0040.	4.00E-306	-0.4492	0.108	0.237	7.51E-302	T cells	KIAA0040
13454	RPL17.5	1.90E-304	0.38885	0.769	0.648	3.56E-300	T cells	RPL17
13455	SAMD3.6	6.44E-304	0.360649	0.232	0.097	1.21E-299	T cells	SAMD3
13456	TACC3.5	1.52E-303	0.439277	0.258	0.126	2.85E-299	T cells	TACC3
13457	MT-ND1.6	4.79E-303	-0.43715	0.84	0.884	8.99E-299	T cells	MT-ND1
13458	TRIM38.2	1.21E-302	-0.37091	0.079	0.199	2.26E-298	T cells	TRIM38
13459	IRF1.6	3.76E-302	-0.52427	0.328	0.489	7.07E-298	T cells	IRF1
13460	SFXN1.3	7.79E-302	0.427711	0.222	0.098	1.46E-297	T cells	SFXN1
13461	GDI2.3	1.19E-300	-0.46213	0.506	0.627	2.24E-296	T cells	GDI2
13462	ORAI3.2	1.26E-300	-0.27823	0.026	0.115	2.36E-296	T cells	ORAI3
13463	CYB5R4.2	8.02E-300	-0.33762	0.082	0.204	1.51E-295	T cells	CYB5R4
13464	DNAJC10.1	2.43E-298	-0.36865	0.076	0.193	4.56E-294	T cells	DNAJC10
13465	ARAP1.2	2.58E-298	-0.35248	0.063	0.175	4.85E-294	T cells	ARAP1
13466	ATM.5	3.21E-298	0.448098	0.422	0.265	6.03E-294	T cells	ATM
13467	IFITM3.7	5.45E-298	-1.75117	0.519	0.586	1.02E-293	T cells	IFITM3
13468	SERF2.6	7.61E-298	-0.32128	0.988	0.985	1.43E-293	T cells	SERF2
13469	BACH1.1	1.80E-295	-0.31812	0.046	0.148	3.39E-291	T cells	BACH1
13470	SFT2D1.3	3.16E-295	-0.3876	0.173	0.324	5.94E-291	T cells	SFT2D1
13471	DBNL.5	4.79E-295	-0.44837	0.309	0.465	8.99E-291	T cells	DBNL
13472	CCDC32.5	1.20E-293	-0.41644	0.102	0.226	2.26E-289	T cells	CCDC32
13473	TPP1.4	2.13E-293	-0.37848	0.112	0.244	4.00E-289	T cells	TPP1
13474	PRDX5.5	1.40E-292	-0.44551	0.478	0.606	2.62E-288	T cells	PRDX5
13475	LRMP.1	5.61E-292	-0.37146	0.074	0.189	1.05E-287	T cells	LRMP
13476	MCM5.4	6.44E-292	-0.3801	0.088	0.209	1.21E-287	T cells	MCM5
13477	PTPN18.3	1.63E-291	-0.344	0.067	0.18	3.06E-287	T cells	PTPN18
13478	PPP1R9B.1	3.07E-291	-0.26906	0.028	0.115	5.78E-287	T cells	PPP1R9B
13479	AC243960.	7.84E-291	0.420121	0.443	0.276	1.47E-286	T cells	AC243960.1
13480	PLEKHO1.3	1.16E-290	-0.3263	0.054	0.159	2.19E-286	T cells	PLEKHO1
13481	AKTIP.3	3.59E-290	0.371541	0.163	0.056	6.74E-286	T cells	AKTIP
13482	PHF21A.2	5.66E-290	-0.32866	0.038	0.131	1.06E-285	T cells	PHF21A
13483	RPL7.5	2.35E-289	0.307949	0.9	0.83	4.41E-285	T cells	RPL7
13484	SNRPN.4	2.37E-289	0.417597	0.419	0.261	4.45E-285	T cells	SNRPN
13485	ARPC2.7	4.90E-289	-0.37435	0.852	0.868	9.21E-285	T cells	ARPC2
13486	SMARCB1.	4.95E-288	-0.46367	0.249	0.398	9.29E-284	T cells	SMARCB1
13487	SPTLC2.3	8.39E-287	-0.33482	0.069	0.181	1.58E-282	T cells	SPTLC2
13488	BRI3.5	2.10E-286	-0.43144	0.072	0.184	3.95E-282	T cells	BRI3

13489	GYG1.6	4.91E-286	-0.3911	0.106	0.235	9.22E-282	T cells	GYG1
13490	LINS1.3	4.64E-285	0.389635	0.186	0.073	8.72E-281	T cells	LINS1
13491	RAB30.1	1.94E-284	-0.34662	0.036	0.128	3.65E-280	T cells	RAB30
13492	PPP1CA.5	1.96E-284	-0.38206	0.61	0.719	3.68E-280	T cells	PPP1CA
13493	WASF2.2	1.27E-283	-0.44055	0.331	0.482	2.38E-279	T cells	WASF2
13494	ZNF106.3	1.99E-283	-0.37862	0.113	0.242	3.74E-279	T cells	ZNF106
13495	SELENOW.	2.31E-283	0.380429	0.565	0.409	4.34E-279	T cells	SELENOW
13496	DOPEY2.1	1.49E-280	-0.31487	0.033	0.122	2.80E-276	T cells	DOPEY2
13497	DUSP22.2	6.67E-280	-0.31821	0.063	0.171	1.25E-275	T cells	DUSP22
13498	ALKBH7.5	3.35E-279	0.444418	0.524	0.387	6.30E-275	T cells	ALKBH7
13499	NEAT1.5	2.92E-278	-1.12877	0.264	0.395	5.49E-274	T cells	NEAT1
13500	RSL1D1.5	8.34E-278	0.408783	0.617	0.483	1.57E-273	T cells	RSL1D1
13501	ADAM8.5	1.94E-277	-0.4035	0.082	0.198	3.65E-273	T cells	ADAM8
13502	PPP3CA.1	5.95E-277	-0.30253	0.042	0.137	1.12E-272	T cells	PPP3CA
13503	CD9.2	6.82E-276	-0.4738	0.035	0.123	1.28E-271	T cells	CD9
13504	PARP14.2	6.32E-274	-0.35597	0.062	0.167	1.19E-269	T cells	PARP14
13505	BLVRA.4	3.74E-272	-0.33224	0.057	0.16	7.02E-268	T cells	BLVRA
13506	ADD1.4	3.75E-271	-0.40207	0.124	0.25	7.04E-267	T cells	ADD1
13507	CPNE2	3.59E-270	0.331161	0.102	0.022	6.74E-266	T cells	CPNE2
13508	ACAP2.2	5.91E-270	-0.43489	0.315	0.467	1.11E-265	T cells	ACAP2
13509	JAK2.1	7.56E-270	-0.25924	0.026	0.108	1.42E-265	T cells	JAK2
13510	C7orf50.2	1.12E-269	-0.42862	0.153	0.288	2.11E-265	T cells	C7orf50
13511	RPL22L1.5	3.07E-269	-0.4819	0.4	0.537	5.76E-265	T cells	RPL22L1
13512	AP1B1.1	3.07E-269	-0.29822	0.05	0.147	5.77E-265	T cells	AP1B1
13513	IQSEC1.1	7.38E-269	-0.30678	0.053	0.152	1.39E-264	T cells	IQSEC1
13514	CYSLTR1.1	1.01E-267	-0.30265	0.05	0.148	1.89E-263	T cells	CYSLTR1
13515	NUMB.1	1.36E-266	-0.34204	0.084	0.198	2.56E-262	T cells	NUMB
13516	NSA2.4	1.63E-266	0.408941	0.588	0.449	3.05E-262	T cells	NSA2
13517	DDX5.5	2.12E-266	0.301598	0.882	0.807	3.98E-262	T cells	DDX5
13518	UBE2R2.1	1.00E-265	-0.27075	0.044	0.137	1.89E-261	T cells	UBE2R2
13519	TMEM205	2.78E-264	-0.32672	0.105	0.228	5.23E-260	T cells	TMEM205
13520	ARHGEF1.6	2.72E-263	0.404535	0.616	0.486	5.10E-259	T cells	ARHGEF1
13521	MIEN1.5	1.48E-262	-0.40596	0.29	0.443	2.79E-258	T cells	MIEN1
13522	CSK.7	1.61E-261	-0.43729	0.438	0.574	3.03E-257	T cells	CSK
13523	IFI27L2.5	3.38E-261	-0.35461	0.154	0.293	6.34E-257	T cells	IFI27L2
13524	RPS10.5	8.42E-261	0.432588	0.719	0.611	1.58E-256	T cells	RPS10
13525	MXD1.1	1.14E-260	-0.31821	0.025	0.103	2.14E-256	T cells	MXD1
13526	PBXIP1.4	7.45E-259	0.428598	0.263	0.138	1.40E-254	T cells	PBXIP1
13527	S100A11.5	5.93E-258	-1.91456	0.432	0.51	1.11E-253	T cells	S100A11
13528	APOBEC3G	1.78E-257	-0.41064	0.157	0.292	3.34E-253	T cells	APOBEC3G
13529	SNHG8.3	2.77E-257	0.422622	0.512	0.369	5.20E-253	T cells	SNHG8
13530	CUX1.2	6.68E-256	-0.43215	0.088	0.199	1.25E-251	T cells	CUX1
13531	ARL4C.8	1.42E-254	0.352605	0.333	0.191	2.66E-250	T cells	ARL4C
13532	HINT1.5	6.34E-253	0.253502	0.943	0.882	1.19E-248	T cells	HINT1
13533	GNS.1	1.34E-252	-0.26832	0.037	0.123	2.51E-248	T cells	GNS
13534	ATOX1.6	1.42E-252	-0.39819	0.173	0.31	2.66E-248	T cells	ATOX1
13535	CASP1.4	1.73E-252	-0.49592	0.179	0.306	3.26E-248	T cells	CASP1

13536	BEX2.3	4.73E-252	0.333801	0.164	0.062	8.89E-248	T cells	BEX2
13537	EPB41.5	1.15E-251	0.421386	0.354	0.216	2.16E-247	T cells	EPB41
13538	ATP5MG.5	2.01E-251	0.252267	0.95	0.885	3.78E-247	T cells	ATP5MG
13539	SEMA4D.3	4.55E-251	0.406907	0.234	0.117	8.55E-247	T cells	SEMA4D
13540	MFSD1.4	2.16E-250	-0.35473	0.131	0.257	4.06E-246	T cells	MFSD1
13541	OSTF1.5	2.97E-250	-0.41863	0.393	0.533	5.58E-246	T cells	OSTF1
13542	NOP53.5	4.63E-249	0.334799	0.705	0.578	8.69E-245	T cells	NOP53
13543	BIN1.5	3.01E-247	0.334761	0.551	0.38	5.66E-243	T cells	BIN1
13544	PARP15.3	5.88E-247	-0.37657	0.066	0.165	1.11E-242	T cells	PARP15
13545	PLSCR3.2	9.14E-246	0.397535	0.222	0.109	1.72E-241	T cells	PLSCR3
13546	MYO1G.6	4.15E-245	-0.3909	0.204	0.344	7.80E-241	T cells	MYO1G
13547	CD4.5	4.94E-245	0.421356	0.203	0.096	9.29E-241	T cells	CD4
13548	SHKBP1.3	6.63E-245	-0.38292	0.284	0.431	1.25E-240	T cells	SHKBP1
13549	AC008555.5	8.09E-242	0.321948	0.175	0.071	1.52E-237	T cells	AC008555.5
13550	UBE2A.2	9.42E-240	-0.31805	0.16	0.293	1.77E-235	T cells	UBE2A
13551	DYNLL1.5	1.79E-239	-0.42689	0.352	0.492	3.37E-235	T cells	DYNLL1
13552	SNX5.2	1.89E-239	-0.34576	0.153	0.282	3.55E-235	T cells	SNX5
13553	FAM107B.4	4.42E-239	0.369609	0.337	0.203	8.31E-235	T cells	FAM107B
13554	HIST1H2BK.4	4.48E-239	-0.31932	0.061	0.157	8.42E-235	T cells	HIST1H2BK
13555	CTSB.5	1.31E-238	-0.5685	0.175	0.295	2.47E-234	T cells	CTSB
13556	LAPTM4A.1	2.37E-238	-0.37814	0.309	0.452	4.46E-234	T cells	LAPTM4A
13557	PARP1.5	1.60E-236	-0.4526	0.285	0.415	3.00E-232	T cells	PARP1
13558	TBC1D22A.4	4.08E-236	-0.31904	0.084	0.189	7.66E-232	T cells	TBC1D22A
13559	MIF.5	2.25E-235	0.278446	0.88	0.78	4.23E-231	T cells	MIF
13560	AKIRIN2.4	2.50E-234	-0.34268	0.148	0.275	4.69E-230	T cells	AKIRIN2
13561	RHOH.6	5.39E-234	0.319055	0.538	0.369	1.01E-229	T cells	RHOH
13562	USP28.2	1.23E-233	-0.25974	0.032	0.11	2.32E-229	T cells	USP28
13563	DMXL1.1	1.71E-233	-0.3203	0.064	0.16	3.20E-229	T cells	DMXL1
13564	STARD3NL.7	7.50E-233	-0.36491	0.1	0.212	1.41E-228	T cells	STARD3NL
13565	GRK2.4	1.77E-232	-0.36653	0.127	0.246	3.33E-228	T cells	GRK2
13566	UXT.4	1.91E-232	0.345342	0.707	0.6	3.58E-228	T cells	UXT
13567	RIOK3.3	1.72E-231	-0.36285	0.13	0.25	3.22E-227	T cells	RIOK3
13568	HOTAIRM1.9	1.10E-231	-0.25194	0.04	0.123	1.71E-226	T cells	HOTAIRM1
13569	CAT.3	9.71E-231	-0.37867	0.202	0.333	1.82E-226	T cells	CAT
13570	SEPT6.4	2.34E-230	0.360205	0.615	0.476	4.39E-226	T cells	Sep-06
13571	UNC119.3	1.06E-229	-0.36545	0.149	0.272	2.00E-225	T cells	UNC119
13572	RABEP2.1	2.20E-229	-0.27542	0.04	0.123	4.13E-225	T cells	RABEP2
13573	EIF3L.5	3.08E-229	0.322855	0.742	0.636	5.78E-225	T cells	EIF3L
13574	KIF2A.5	1.67E-228	0.349892	0.372	0.239	3.14E-224	T cells	KIF2A
13575	PFKL.3	3.47E-228	-0.3766	0.214	0.348	6.52E-224	T cells	PFKL
13576	RAB8A.4	3.68E-228	-0.36356	0.205	0.338	6.92E-224	T cells	RAB8A
13577	CARS2.1	1.63E-227	-0.25826	0.042	0.125	3.06E-223	T cells	CARS2
13578	UBE2D1.3	1.64E-227	-0.35689	0.138	0.257	3.08E-223	T cells	UBE2D1
13579	LAMTOR2.2	2.38E-227	-0.37582	0.236	0.372	4.47E-223	T cells	LAMTOR2
13580	RFX5.1	2.53E-227	-0.32188	0.067	0.162	4.75E-223	T cells	RFX5
13581	MFNG.4	7.30E-226	0.4068	0.389	0.263	1.37E-221	T cells	MFNG
13582	TXNDC17.4	4.53E-225	-0.33571	0.174	0.303	8.52E-221	T cells	TXNDC17

13583	MAPKAPK5	3.77E-224	0.398916	0.295	0.174	7.07E-220	T cells	MAPKAPK5-AS1
13584	MANBA	5.61E-224	-0.29889	0.077	0.177	1.05E-219	T cells	MANBA
13585	PPP1R2	3.14E-223	0.39641	0.48	0.353	5.90E-219	T cells	PPP1R2
13586	CYLD	4.10E-223	0.425788	0.306	0.187	7.70E-219	T cells	CYLD
13587	LINC00623	5.20E-223	0.344131	0.207	0.099	9.77E-219	T cells	LINC00623
13588	SUPT3H	1.05E-222	0.323208	0.146	0.056	1.97E-218	T cells	SUPT3H
13589	RNF13	2.25E-222	-0.33893	0.16	0.284	4.23E-218	T cells	RNF13
13590	NCOA3	5.23E-222	-0.328	0.108	0.219	9.82E-218	T cells	NCOA3
13591	CALM3	8.17E-222	0.328553	0.574	0.436	1.53E-217	T cells	CALM3
13592	VPS37B	1.48E-221	-0.32264	0.093	0.197	2.78E-217	T cells	VPS37B
13593	PSIP1	1.89E-221	0.370824	0.433	0.296	3.55E-217	T cells	PSIP1
13594	CCPG1	2.33E-221	-0.31172	0.08	0.181	4.37E-217	T cells	CCPG1
13595	CAMK2D	1.77E-220	-0.37589	0.071	0.163	3.32E-216	T cells	CAMK2D
13596	TMEM167A	5.36E-219	-0.33589	0.142	0.262	1.01E-214	T cells	TMEM167A
13597	INPP5D	1.60E-218	-0.32443	0.095	0.2	3.01E-214	T cells	INPP5D
13598	ACTR2	1.68E-217	-0.38842	0.303	0.439	3.15E-213	T cells	ACTR2
13599	CLUAP1	1.35E-216	0.263389	0.104	0.03	2.53E-212	T cells	CLUAP1
13600	ARPC1B	1.63E-216	-0.42623	0.424	0.537	3.06E-212	T cells	ARPC1B
13601	CALM2	3.69E-216	-0.3417	0.798	0.82	6.92E-212	T cells	CALM2
13602	FLNA	2.25E-215	-0.43046	0.289	0.424	4.23E-211	T cells	FLNA
13603	LY9	3.24E-215	0.317944	0.25	0.131	6.10E-211	T cells	LY9
13604	LCP1	4.76E-215	-0.49837	0.545	0.628	8.94E-211	T cells	LCP1
13605	LMBRD1	6.26E-215	-0.39149	0.229	0.358	1.18E-210	T cells	LMBRD1
13606	SRSF5	7.96E-215	0.29984	0.796	0.709	1.50E-210	T cells	SRSF5
13607	EIF3G	2.43E-214	0.260296	0.809	0.714	4.57E-210	T cells	EIF3G
13608	REXO2	2.69E-214	0.42038	0.292	0.178	5.06E-210	T cells	REXO2
13609	RILPL2	4.67E-213	-0.32967	0.126	0.239	8.78E-209	T cells	RILPL2
13610	FCGRT	2.03E-212	-0.55077	0.159	0.267	3.81E-208	T cells	FCGRT
13611	PRKAR1A	6.76E-212	-0.37094	0.255	0.388	1.27E-207	T cells	PRKAR1A
13612	CAMK1D	2.89E-211	-0.32811	0.088	0.187	5.43E-207	T cells	CAMK1D
13613	EPN1	4.39E-211	-0.3039	0.149	0.27	8.25E-207	T cells	EPN1
13614	SHOC2	7.93E-211	-0.31666	0.123	0.235	1.49E-206	T cells	SHOC2
13615	HOPX	5.21E-210	-0.85498	0.07	0.158	9.78E-206	T cells	HOPX
13616	YWHAH	5.98E-210	-0.30364	0.095	0.2	1.12E-205	T cells	YWHAH
13617	SOD2	7.33E-210	-0.58774	0.141	0.252	1.38E-205	T cells	SOD2
13618	RORA	4.35E-209	0.295996	0.143	0.055	8.17E-205	T cells	RORA
13619	GPRIN3	7.20E-209	0.322244	0.136	0.053	1.35E-204	T cells	GPRIN3
13620	KLRG1	1.03E-208	0.468425	0.123	0.043	1.93E-204	T cells	KLRG1
13621	SNX29	4.02E-208	-0.32795	0.075	0.168	7.56E-204	T cells	SNX29
13622	GMFG	4.28E-208	0.262516	0.819	0.704	8.04E-204	T cells	GMFG
13623	TOR3A	1.00E-207	-0.2728	0.092	0.194	1.89E-203	T cells	TOR3A
13624	SH3GLB1	3.21E-207	-0.33477	0.179	0.305	6.04E-203	T cells	SH3GLB1
13625	CD38	6.10E-205	-0.38923	0.068	0.155	1.15E-200	T cells	CD38
13626	CKLF	9.63E-205	-0.43885	0.193	0.316	1.81E-200	T cells	CKLF
13627	ZCCHC7	1.20E-203	-0.42229	0.168	0.278	2.25E-199	T cells	ZCCHC7
13628	SLC9A3R1	1.87E-203	0.28326	0.479	0.339	3.51E-199	T cells	SLC9A3R1
13629	LAIR1	2.33E-203	-0.37565	0.159	0.274	4.38E-199	T cells	LAIR1

13630	ABI3.7	3.15E-203	-0.45013	0.125	0.23	5.91E-199	T cells	ABI3
13631	FLOT2.2	4.17E-203	-0.37319	0.252	0.38	7.83E-199	T cells	FLOT2
13632	MAML2.4	9.73E-203	0.33188	0.21	0.105	1.83E-198	T cells	MAML2
13633	SELENOM.	7.50E-202	0.319075	0.143	0.058	1.41E-197	T cells	SELENOM
13634	CXCR4.7	7.95E-202	-0.69715	0.279	0.38	1.49E-197	T cells	CXCR4
13635	RARA.2	1.58E-201	-0.26229	0.061	0.149	2.98E-197	T cells	RARA
13636	PEBP1.5	8.07E-201	0.297337	0.59	0.444	1.52E-196	T cells	PEBP1
13637	PDIA6.6	9.59E-201	-0.44602	0.31	0.431	1.80E-196	T cells	PDIA6
13638	GZMB.7	4.16E-200	-1.52231	0.068	0.152	7.81E-196	T cells	GZMB
13639	MSN.5	1.34E-199	-0.40278	0.428	0.542	2.51E-195	T cells	MSN
13640	CHCHD10.	2.16E-199	-0.42644	0.384	0.499	4.05E-195	T cells	CHCHD10
13641	IL16.4	5.68E-198	0.324525	0.593	0.462	1.07E-193	T cells	IL16
13642	DEF6.5	2.59E-197	0.356093	0.398	0.277	4.87E-193	T cells	DEF6
13643	SNAP23.4	3.25E-195	-0.35905	0.215	0.336	6.11E-191	T cells	SNAP23
13644	CDC42EP3	9.01E-195	-0.36463	0.129	0.238	1.69E-190	T cells	CDC42EP3
13645	SLC2A4RG	1.31E-194	0.274577	0.101	0.031	2.46E-190	T cells	SLC2A4RG
13646	HRH2.2	2.77E-194	-0.35099	0.054	0.134	5.21E-190	T cells	HRH2
13647	CLEC11A.2	3.74E-194	0.286586	0.122	0.044	7.03E-190	T cells	CLEC11A
13648	PDCD4.3	2.11E-193	0.356864	0.456	0.327	3.96E-189	T cells	PDCD4
13649	PNPLA8.2	4.46E-193	-0.2908	0.096	0.194	8.37E-189	T cells	PNPLA8
13650	ATP6V1B2	6.28E-193	-0.30926	0.114	0.218	1.18E-188	T cells	ATP6V1B2
13651	HELB	3.49E-192	0.270741	0.116	0.041	6.56E-188	T cells	HELB
13652	LY96.2	2.32E-191	-0.27111	0.069	0.158	4.35E-187	T cells	LY96
13653	RASA3.7	6.09E-191	0.337415	0.253	0.145	1.14E-186	T cells	RASA3
13654	ELOVL1.4	8.01E-191	-0.29105	0.141	0.253	1.50E-186	T cells	ELOVL1
13655	TIMP1.5	1.63E-190	-1.09611	0.193	0.286	3.06E-186	T cells	TIMP1
13656	H3F3B.4	3.92E-189	-0.30926	0.951	0.95	7.36E-185	T cells	H3F3B
13657	NDUFS5.5	6.99E-189	0.295926	0.613	0.477	1.31E-184	T cells	NDUFS5
13658	ARPC4.3	1.11E-188	-0.28051	0.088	0.183	2.09E-184	T cells	ARPC4
13659	NCR3.5	1.44E-188	-0.37288	0.077	0.165	2.70E-184	T cells	NCR3
13660	SPINT2.6	6.02E-188	-0.37355	0.212	0.328	1.13E-183	T cells	SPINT2
13661	CLEC2D.5	7.12E-188	0.318866	0.383	0.25	1.34E-183	T cells	CLEC2D
13662	FCRL3.3	1.94E-187	-0.31484	0.033	0.101	3.64E-183	T cells	FCRL3
13663	CRTAP.2	9.40E-187	-0.30665	0.115	0.217	1.77E-182	T cells	CRTAP
13664	TMC8.2	1.40E-185	0.355479	0.333	0.216	2.62E-181	T cells	TMC8
13665	BUB3.3	3.48E-185	0.315411	0.505	0.38	6.53E-181	T cells	BUB3
13666	G6PD.4	5.54E-185	-0.31595	0.144	0.252	1.04E-180	T cells	G6PD
13667	LHPP.5	8.82E-185	-0.3958	0.114	0.211	1.66E-180	T cells	LHPP
13668	FBP1.1	1.13E-184	-0.26515	0.035	0.103	2.13E-180	T cells	FBP1
13669	ODC1.4	2.53E-184	-0.34971	0.117	0.216	4.75E-180	T cells	ODC1
13670	RAB10.4	7.49E-184	-0.33771	0.182	0.297	1.41E-179	T cells	RAB10
13671	AP2S1.4	1.47E-183	-0.45671	0.396	0.488	2.76E-179	T cells	AP2S1
13672	TPI1.6	4.24E-183	-0.39646	0.593	0.652	7.97E-179	T cells	TPI1
13673	TBC1D10C	1.22E-182	0.265923	0.72	0.596	2.29E-178	T cells	TBC1D10C
13674	B4GALT1.2	9.25E-182	-0.293	0.077	0.164	1.74E-177	T cells	B4GALT1
13675	PPP2R5C.6	2.39E-180	0.426256	0.255	0.153	4.49E-176	T cells	PPP2R5C
13676	IFI35.3	3.44E-180	-0.28675	0.157	0.27	6.47E-176	T cells	IFI35

13677	JUND.1	4.13E-180	-0.26082	0.055	0.133	7.77E-176 T cells	JUND
13678	CHD3.2	3.11E-179	0.311189	0.192	0.098	5.85E-175 T cells	CHD3
13679	MZT2A.2	3.91E-179	0.359795	0.33	0.218	7.35E-175 T cells	MZT2A
13680	KLF6.7	9.99E-179	-0.38989	0.262	0.385	1.88E-174 T cells	KLF6
13681	CENPK.2	2.24E-178	0.296614	0.134	0.056	4.21E-174 T cells	CENPK
13682	AFTPH.1	3.28E-178	-0.25267	0.079	0.167	6.16E-174 T cells	AFTPH
13683	C1QBP.3	3.73E-178	0.298058	0.618	0.501	7.01E-174 T cells	C1QBP
13684	CLTC.2	4.15E-178	-0.26093	0.106	0.206	7.80E-174 T cells	CLTC
13685	VCL.3	5.70E-178	-0.26541	0.041	0.112	1.07E-173 T cells	VCL
13686	GPCPD1.2	8.58E-178	-0.29632	0.108	0.206	1.61E-173 T cells	GPCPD1
13687	CHMP7.4	1.81E-177	0.364438	0.29	0.181	3.40E-173 T cells	CHMP7
13688	MYD88.3	2.07E-177	-0.3201	0.145	0.249	3.88E-173 T cells	MYD88
13689	ILK.6	2.44E-177	-0.35218	0.204	0.322	4.59E-173 T cells	ILK
13690	TTC38.3	4.33E-177	-0.41247	0.045	0.116	8.14E-173 T cells	TTC38
13691	RASAL3.6	2.53E-176	0.337543	0.313	0.201	4.75E-172 T cells	RASAL3
13692	AGPAT5.2	3.80E-176	-0.31088	0.059	0.136	7.14E-172 T cells	AGPAT5
13693	CERS4.2	6.16E-176	-0.2857	0.051	0.125	1.16E-171 T cells	CERS4
13694	ARHGAP27	7.58E-176	-0.25145	0.095	0.189	1.42E-171 T cells	ARHGAP27
13695	CUTA.3	7.95E-176	0.303732	0.642	0.533	1.49E-171 T cells	CUTA
13696	MIIP.3	1.60E-175	-0.27333	0.13	0.234	3.00E-171 T cells	MIIP
13697	NFKB2.1	1.74E-175	-0.27619	0.063	0.142	3.28E-171 T cells	NFKB2
13698	RNF181.3	3.24E-175	-0.32472	0.295	0.42	6.09E-171 T cells	RNF181
13699	ADSL.2	5.25E-175	0.369976	0.351	0.246	9.85E-171 T cells	ADSL
13700	SEPT9.4	7.09E-175	0.313947	0.635	0.524	1.33E-170 T cells	Sep-09
13701	ACP5.2	7.56E-175	-0.3535	0.131	0.23	1.42E-170 T cells	ACP5
13702	TUBA1A.4	9.99E-175	-0.61258	0.378	0.469	1.88E-170 T cells	TUBA1A
13703	BAX.4	1.92E-174	-0.3409	0.325	0.448	3.61E-170 T cells	BAX
13704	PSMB3.5	2.10E-174	-0.34163	0.464	0.559	3.94E-170 T cells	PSMB3
13705	EIF1B.5	3.83E-174	-0.3336	0.314	0.439	7.20E-170 T cells	EIF1B
13706	RAB5IF.4	8.84E-174	-0.35278	0.237	0.353	1.66E-169 T cells	RAB5IF
13707	IRF7.2	9.02E-174	-0.43586	0.254	0.374	1.69E-169 T cells	IRF7
13708	TSPO.6	1.99E-173	-1.21852	0.459	0.501	3.73E-169 T cells	TSPO
13709	NCKAP1L.3	7.87E-173	-0.30076	0.187	0.301	1.48E-168 T cells	NCKAP1L
13710	SMIM29.5	1.18E-172	-0.29728	0.133	0.235	2.22E-168 T cells	SMIM29
13711	VMP1.4	1.27E-172	-0.33937	0.146	0.251	2.39E-168 T cells	VMP1
13712	MAP3K1.3	1.08E-171	-0.25182	0.073	0.157	2.03E-167 T cells	MAP3K1
13713	RHOG.5	1.56E-171	-0.4608	0.48	0.554	2.93E-167 T cells	RHOG
13714	PRKAR1B.1	7.12E-171	0.266331	0.125	0.051	1.34E-166 T cells	PRKAR1B
13715	CAPZA1.2	1.54E-170	-0.30437	0.239	0.36	2.89E-166 T cells	CAPZA1
13716	ITSN2.3	5.70E-170	-0.31907	0.214	0.33	1.07E-165 T cells	ITSN2
13717	IL4R.5	3.95E-168	-0.57149	0.155	0.247	7.42E-164 T cells	IL4R
13718	SOCS3.5	9.68E-168	0.385113	0.202	0.111	1.82E-163 T cells	SOCS3
13719	GNLY.7	1.32E-167	-2.17035	0.067	0.14	2.47E-163 T cells	GNLY
13720	GCC2.3	2.45E-167	0.346884	0.339	0.228	4.61E-163 T cells	GCC2
13721	ERP44.3	3.06E-167	-0.29291	0.195	0.308	5.75E-163 T cells	ERP44
13722	TIFA.1	5.35E-167	-0.25373	0.052	0.125	1.01E-162 T cells	TIFA
13723	PPM1K.3	5.45E-167	-0.36025	0.15	0.248	1.02E-162 T cells	PPM1K

13724	ERICH1.3	2.05E-166	-0.2912	0.174	0.284	3.85E-162	T cells	ERICH1
13725	TOB1.1	2.29E-166	0.281174	0.133	0.058	4.30E-162	T cells	TOB1
13726	MPP1.5	6.09E-166	-0.32403	0.06	0.137	1.14E-161	T cells	MPP1
13727	TMEM156	7.61E-166	-0.30236	0.079	0.161	1.43E-161	T cells	TMEM156
13728	DGKD.3	3.45E-165	-0.3137	0.104	0.194	6.47E-161	T cells	DGKD
13729	COX8A.6	4.36E-165	-0.40279	0.593	0.636	8.19E-161	T cells	COX8A
13730	SERPINB1.	8.39E-165	-0.594	0.409	0.49	1.58E-160	T cells	SERPINB1
13731	TANK.1	2.92E-164	-0.26313	0.119	0.217	5.48E-160	T cells	TANK
13732	EIF4B.4	5.11E-163	0.303782	0.622	0.524	9.60E-159	T cells	EIF4B
13733	COX17.4	8.96E-163	-0.31259	0.244	0.362	1.68E-158	T cells	COX17
13734	HSPE1.2	4.89E-162	0.283115	0.553	0.43	9.19E-158	T cells	HSPE1
13735	MEF2A.2	2.02E-161	-0.27042	0.095	0.183	3.80E-157	T cells	MEF2A
13736	RASSF5.5	6.26E-160	0.320241	0.357	0.248	1.18E-155	T cells	RASSF5
13737	CD55.5	1.01E-159	-0.40197	0.364	0.478	1.91E-155	T cells	CD55
13738	ATF7IP2.1	1.58E-159	0.296912	0.169	0.086	2.97E-155	T cells	ATF7IP2
13739	GNPDA1.1	4.53E-159	0.31263	0.154	0.076	8.50E-155	T cells	GNPDA1
13740	PGGHG.2	9.26E-159	0.295578	0.175	0.09	1.74E-154	T cells	PGGHG
13741	PRKACB.2	1.02E-158	0.297932	0.301	0.193	1.91E-154	T cells	PRKACB
13742	ZFAND5.3	1.46E-158	-0.30407	0.136	0.233	2.74E-154	T cells	ZFAND5
13743	HIST1H1C.	2.38E-158	-0.33336	0.123	0.217	4.46E-154	T cells	HIST1H1C
13744	MTMR14.3	2.45E-158	-0.27128	0.184	0.294	4.60E-154	T cells	MTMR14
13745	BIN2.6	4.01E-158	0.252843	0.554	0.432	7.53E-154	T cells	BIN2
13746	ORMDL3.2	4.05E-158	0.294327	0.195	0.105	7.61E-154	T cells	ORMDL3
13747	LSM7.5	4.35E-158	-0.32497	0.605	0.684	8.18E-154	T cells	LSM7
13748	IER2.7	7.00E-158	-0.61489	0.45	0.551	1.32E-153	T cells	IER2
13749	CCDC12.5	7.36E-157	-0.2866	0.237	0.353	1.38E-152	T cells	CCDC12
13750	BCL2.1	7.49E-157	0.274719	0.141	0.064	1.41E-152	T cells	BCL2
13751	MRFAP1L1	7.59E-157	0.305102	0.332	0.223	1.43E-152	T cells	MRFAP1L1
13752	CORO1B.4	1.36E-156	0.441193	0.36	0.263	2.55E-152	T cells	CORO1B
13753	PTPN1.2	1.62E-156	-0.27914	0.153	0.255	3.04E-152	T cells	PTPN1
13754	CLTA.4	4.69E-156	-0.31657	0.375	0.484	8.81E-152	T cells	CLTA
13755	YWHAE.5	2.93E-155	-0.28038	0.21	0.323	5.51E-151	T cells	YWHAE
13756	CFAP36	3.44E-155	0.259727	0.13	0.058	6.47E-151	T cells	CFAP36
13757	RSL24D1.3	6.26E-155	0.300209	0.595	0.493	1.18E-150	T cells	RSL24D1
13758	MARCH3.1	1.53E-154	-0.26185	0.04	0.102	2.87E-150	T cells	Mar-03
13759	PGLS.4	1.70E-154	-0.36328	0.415	0.511	3.20E-150	T cells	PGLS
13760	CTSW.8	6.77E-154	-0.44207	0.319	0.178	1.27E-149	T cells	CTSW
13761	AKR1A1.5	1.63E-153	-0.29471	0.239	0.353	3.05E-149	T cells	AKR1A1
13762	C20orf27.3	6.75E-152	-0.34321	0.168	0.266	1.27E-147	T cells	C20orf27
13763	ARHGAP45	1.01E-151	0.325007	0.445	0.34	1.89E-147	T cells	ARHGAP45
13764	NDUFA12.	2.06E-151	0.288643	0.605	0.5	3.87E-147	T cells	NDUFA12
13765	EIF1AY.1	5.85E-151	-0.29387	0.087	0.168	1.10E-146	T cells	EIF1AY
13766	DNAJC15.4	1.24E-150	-0.28631	0.282	0.399	2.33E-146	T cells	DNAJC15
13767	HIP1R.1	1.79E-150	-0.27206	0.057	0.126	3.36E-146	T cells	HIP1R
13768	VNN2.1	2.90E-150	-0.40597	0.06	0.131	5.44E-146	T cells	VNN2
13769	ATG3.2	2.96E-150	-0.33059	0.237	0.344	5.55E-146	T cells	ATG3
13770	HSPD1.5	5.31E-150	0.303434	0.502	0.395	9.98E-146	T cells	HSPD1

13771	ITGAE	1.73E-149	-0.26582	0.134	0.229	3.25E-145	T cells	ITGAE
13772	TAPBP.2	2.15E-149	-0.30786	0.326	0.444	4.03E-145	T cells	TAPBP
13773	GSTO1.6	3.49E-149	-0.37302	0.241	0.347	6.56E-145	T cells	GSTO1
13774	SPON2.4	5.24E-149	-1.07068	0.066	0.134	9.85E-145	T cells	SPON2
13775	FMNL1.6	6.54E-149	-0.26658	0.142	0.24	1.23E-144	T cells	FMNL1
13776	TMEM63A	1.58E-148	0.270071	0.157	0.078	2.98E-144	T cells	TMEM63A
13777	ELOVL5.3	2.83E-148	-0.33524	0.243	0.348	5.31E-144	T cells	ELOVL5
13778	BOLA3.2	1.26E-147	0.310313	0.223	0.136	2.36E-143	T cells	BOLA3
13779	ZNF101.1	4.85E-147	0.268179	0.134	0.062	9.11E-143	T cells	ZNF101
13780	NAP1L4.3	5.10E-147	0.318886	0.317	0.218	9.57E-143	T cells	NAP1L4
13781	CCSER2.5	8.29E-147	0.254015	0.162	0.082	1.56E-142	T cells	CCSER2
13782	PTK2B.2	1.31E-146	-0.29856	0.169	0.269	2.45E-142	T cells	PTK2B
13783	KCNA3.2	2.40E-146	0.267844	0.14	0.067	4.50E-142	T cells	KCNA3
13784	C9orf78.4	5.12E-146	0.30282	0.433	0.329	9.62E-142	T cells	C9orf78
13785	ASF1A.1	7.63E-146	0.294812	0.207	0.121	1.43E-141	T cells	ASF1A
13786	PAXX.6	8.60E-146	0.268613	0.597	0.488	1.62E-141	T cells	PAXX
13787	HOXB2.3	1.05E-145	0.268539	0.161	0.082	1.97E-141	T cells	HOXB2
13788	NMRK1.1	1.72E-145	0.289231	0.16	0.083	3.23E-141	T cells	NMRK1
13789	ARHGAP15	3.12E-145	0.301143	0.419	0.306	5.87E-141	T cells	ARHGAP15
13790	AP3B1.2	3.26E-145	-0.26949	0.117	0.205	6.12E-141	T cells	AP3B1
13791	DOCK8.3	4.90E-145	-0.30297	0.271	0.382	9.21E-141	T cells	DOCK8
13792	CCDC66.2	6.37E-145	0.266862	0.152	0.076	1.20E-140	T cells	CCDC66
13793	TSPAN14.3	1.25E-144	0.311019	0.296	0.199	2.35E-140	T cells	TSPAN14
13794	SLC50A1.3	1.44E-144	-0.27859	0.128	0.219	2.71E-140	T cells	SLC50A1
13795	RASGRP1	2.72E-144	0.257281	0.119	0.052	5.10E-140	T cells	RASGRP1
13796	S100A4.7	3.12E-144	-1.38555	0.532	0.547	5.86E-140	T cells	S100A4
13797	IGFLR1.2	4.51E-143	-0.25382	0.128	0.22	8.47E-139	T cells	IGFLR1
13798	GNB2.6	5.19E-143	-0.33315	0.358	0.464	9.75E-139	T cells	GNB2
13799	CRLF3.2	6.62E-142	0.312069	0.326	0.226	1.24E-137	T cells	CRLF3
13800	TPM3.6	8.67E-142	-0.30454	0.71	0.749	1.63E-137	T cells	TPM3
13801	CCT4.3	2.21E-141	0.271939	0.565	0.457	4.15E-137	T cells	CCT4
13802	PDK1.2	2.28E-141	0.269204	0.128	0.059	4.28E-137	T cells	PDK1
13803	SMPD1.5	4.06E-141	0.26832	0.173	0.093	7.63E-137	T cells	SMPD1
13804	MT-ND2.6	3.67E-140	-0.30019	0.837	0.864	6.90E-136	T cells	MT-ND2
13805	CRBN.3	9.53E-140	0.293936	0.298	0.201	1.79E-135	T cells	CRBN
13806	SRA1.3	9.88E-140	-0.25098	0.174	0.276	1.86E-135	T cells	SRA1
13807	IFNAR1.1	2.97E-138	-0.26255	0.163	0.261	5.59E-134	T cells	IFNAR1
13808	PSMB6.4	8.34E-138	-0.28714	0.423	0.515	1.57E-133	T cells	PSMB6
13809	TNIP1.2	9.96E-138	-0.27085	0.215	0.319	1.87E-133	T cells	TNIP1
13810	CDC42SE2	1.27E-137	0.306265	0.348	0.249	2.38E-133	T cells	CDC42SE2
13811	ZC3HAV1.3	1.39E-137	0.318402	0.309	0.214	2.62E-133	T cells	ZC3HAV1
13812	MPG.4	1.71E-137	-0.27352	0.24	0.349	3.21E-133	T cells	MPG
13813	COMT.3	6.82E-137	-0.27308	0.185	0.285	1.28E-132	T cells	COMT
13814	SMAP2.6	2.53E-136	-0.31117	0.198	0.298	4.75E-132	T cells	SMAP2
13815	SMCHD1.2	2.76E-136	-0.3322	0.342	0.451	5.18E-132	T cells	SMCHD1
13816	MRPL52.4	3.34E-136	-0.29957	0.361	0.466	6.27E-132	T cells	MRPL52
13817	PGAM1.6	6.30E-136	-0.3371	0.463	0.537	1.18E-131	T cells	PGAM1

13818	ENOSF1	8.42E-136	0.252437	0.106	0.045	1.58E-131	T cells	ENOSF1
13819	THYN1.4	7.06E-135	0.303047	0.312	0.221	1.33E-130	T cells	THYN1
13820	DNMT1.4	1.59E-134	0.292164	0.256	0.166	2.98E-130	T cells	DNMT1
13821	SETX.3	3.48E-134	-0.25266	0.142	0.234	6.54E-130	T cells	SETX
13822	C4orf48.6	5.30E-134	-0.4272	0.256	0.352	9.95E-130	T cells	C4orf48
13823	SPG21.2	6.45E-134	-0.27173	0.24	0.346	1.21E-129	T cells	SPG21
13824	TKT.6	6.87E-134	-0.65104	0.491	0.53	1.29E-129	T cells	TKT
13825	HIST1H2AC	6.88E-133	-0.58467	0.158	0.248	1.29E-128	T cells	HIST1H2AC
13826	BEX4.4	1.99E-132	0.259079	0.289	0.19	3.73E-128	T cells	BEX4
13827	CASP4.3	4.01E-132	-0.27328	0.243	0.349	7.54E-128	T cells	CASP4
13828	SEC11A.5	5.30E-132	-0.30609	0.387	0.483	9.96E-128	T cells	SEC11A
13829	LAP3.3	8.89E-132	-0.25381	0.14	0.231	1.67E-127	T cells	LAP3
13830	NSMCE1.2	1.75E-130	0.30373	0.377	0.28	3.29E-126	T cells	NSMCE1
13831	PSMB10.5	3.72E-129	-0.29572	0.55	0.632	7.00E-125	T cells	PSMB10
13832	CDKN2D.5	7.74E-129	-0.27527	0.155	0.246	1.45E-124	T cells	CDKN2D
13833	NAA38.4	1.56E-128	-0.30853	0.349	0.45	2.92E-124	T cells	NAA38
13834	SSH2.3	4.17E-128	-0.29449	0.225	0.324	7.83E-124	T cells	SSH2
13835	CAPZA2.5	7.83E-128	-0.2994	0.301	0.402	1.47E-123	T cells	CAPZA2
13836	MX1.3	8.50E-128	-0.29363	0.15	0.238	1.60E-123	T cells	MX1
13837	UCP2.7	8.58E-128	-0.28171	0.762	0.8	1.61E-123	T cells	UCP2
13838	STAT6.3	9.93E-128	-0.26587	0.157	0.247	1.86E-123	T cells	STAT6
13839	NOP10.3	1.09E-127	-0.33398	0.504	0.576	2.04E-123	T cells	NOP10
13840	MAD1L1.3	3.52E-127	0.289579	0.32	0.225	6.62E-123	T cells	MAD1L1
13841	LAMTOR4.	6.05E-127	-0.33131	0.577	0.636	1.14E-122	T cells	LAMTOR4
13842	ENY2.2	5.51E-126	-0.28129	0.265	0.367	1.04E-121	T cells	ENY2
13843	TMEM179	7.36E-126	-0.26761	0.313	0.423	1.38E-121	T cells	TMEM179B
13844	JAK3.1	8.17E-125	0.283451	0.252	0.165	1.53E-120	T cells	JAK3
13845	RASSF1.4	1.72E-124	-0.25635	0.146	0.234	3.22E-120	T cells	RASSF1
13846	CEBPB.2	3.97E-124	-0.26357	0.082	0.153	7.47E-120	T cells	CEBPB
13847	COX5B.3	8.82E-124	-0.25087	0.749	0.765	1.66E-119	T cells	COX5B
13848	FKBP1A.5	1.12E-123	-0.36242	0.564	0.606	2.10E-119	T cells	FKBP1A
13849	PRDX1.6	1.25E-123	-0.339	0.511	0.568	2.35E-119	T cells	PRDX1
13850	IKZF3.6	4.97E-123	-0.28709	0.121	0.201	9.33E-119	T cells	IKZF3
13851	RABAC1.4	8.78E-123	-0.2773	0.424	0.522	1.65E-118	T cells	RABAC1
13852	LYPLA1.1	1.23E-122	-0.25456	0.248	0.351	2.30E-118	T cells	LYPLA1
13853	WDR83OS.	1.79E-122	-0.25879	0.566	0.636	3.36E-118	T cells	WDR83OS
13854	SCAND1.3	4.35E-121	-0.27639	0.408	0.508	8.17E-117	T cells	SCAND1
13855	ARF1.5	5.22E-121	-0.25731	0.597	0.66	9.80E-117	T cells	ARF1
13856	TXN.6	1.94E-120	-0.48075	0.321	0.405	3.65E-116	T cells	TXN
13857	ATP6V1F.3	2.38E-120	-0.28582	0.451	0.538	4.47E-116	T cells	ATP6V1F
13858	MTRNR2L1	2.63E-120	-0.27144	0.938	0.95	4.94E-116	T cells	MTRNR2L12
13859	SUPT4H1.6	4.83E-120	-0.26441	0.285	0.389	9.08E-116	T cells	SUPT4H1
13860	EBLN3P.4	1.05E-119	-0.32947	0.184	0.27	1.97E-115	T cells	EBLN3P
13861	INSIG1.3	1.46E-118	-0.28869	0.087	0.158	2.75E-114	T cells	INSIG1
13862	ZNF428.5	2.77E-118	0.257872	0.372	0.275	5.20E-114	T cells	ZNF428
13863	CDK2AP2.4	3.29E-118	-0.3	0.275	0.375	6.19E-114	T cells	CDK2AP2
13864	LRRFIP1.5	5.03E-118	-0.30529	0.414	0.502	9.44E-114	T cells	LRRFIP1

13865	KLRD1.4	5.27E-118	-0.59494	0.069	0.131	9.89E-114	T cells	KLRD1
13866	GOLGA7.4	6.33E-118	0.279346	0.32	0.232	1.19E-113	T cells	GOLGA7
13867	RTN3.5	5.28E-117	-0.25253	0.14	0.227	9.93E-113	T cells	RTN3
13868	TTC39C.3	6.81E-117	0.260747	0.157	0.088	1.28E-112	T cells	TTC39C
13869	IL27RA.2	8.58E-117	0.287411	0.302	0.214	1.61E-112	T cells	IL27RA
13870	DNAJC4.3	9.86E-117	-0.25986	0.263	0.365	1.85E-112	T cells	DNAJC4
13871	DGCR6L.4	1.67E-116	0.287591	0.297	0.213	3.13E-112	T cells	DGCR6L
13872	ANP32A.2	2.60E-116	-0.28772	0.427	0.522	4.88E-112	T cells	ANP32A
13873	FKBP5.4	8.81E-116	0.26304	0.178	0.107	1.65E-111	T cells	FKBP5
13874	SUN2.5	2.20E-115	0.261492	0.329	0.237	4.14E-111	T cells	SUN2
13875	TRBC2.6	2.95E-115	0.253037	0.739	0.606	5.55E-111	T cells	TRBC2
13876	TBC1D10A	3.48E-115	0.25672	0.233	0.151	6.53E-111	T cells	TBC1D10A
13877	COPE.4	1.22E-114	-0.27456	0.448	0.528	2.28E-110	T cells	COPE
13878	BACH2.6	1.82E-114	-0.49346	0.169	0.239	3.43E-110	T cells	BACH2
13879	CD69.4	3.56E-113	0.26353	0.286	0.192	6.69E-109	T cells	CD69
13880	AOAH.7	2.25E-111	-0.28945	0.096	0.166	4.22E-107	T cells	AOAH
13881	DOCK10.2	2.77E-111	0.261659	0.196	0.122	5.20E-107	T cells	DOCK10
13882	CST7.5	3.49E-111	-0.77143	0.135	0.21	6.55E-107	T cells	CST7
13883	PAFAH1B3	5.21E-110	0.292286	0.215	0.141	9.79E-106	T cells	PAFAH1B3
13884	ATP2A3.5	1.98E-109	-0.25957	0.151	0.231	3.73E-105	T cells	ATP2A3
13885	NDUFB7.7	2.85E-109	-0.28703	0.417	0.504	5.35E-105	T cells	NDUFB7
13886	ZFAND1.2	9.87E-109	0.27032	0.244	0.166	1.85E-104	T cells	ZFAND1
13887	CTSA.4	2.71E-108	-0.30318	0.163	0.248	5.09E-104	T cells	CTSA
13888	JUNB.5	5.67E-108	-0.58912	0.552	0.594	1.07E-103	T cells	JUNB
13889	FYN.5	1.80E-107	0.251217	0.196	0.121	3.38E-103	T cells	FYN
13890	ARID5A.4	2.67E-107	0.253633	0.225	0.145	5.01E-103	T cells	ARID5A
13891	STX10.3	4.14E-107	-0.26216	0.22	0.31	7.78E-103	T cells	STX10
13892	ELOB.4	4.19E-106	-0.28604	0.75	0.751	7.87E-102	T cells	ELOB
13893	VAMP8.6	9.07E-106	-0.31704	0.559	0.609	1.70E-101	T cells	VAMP8
13894	LSM5.2	1.19E-105	0.265758	0.412	0.325	2.24E-101	T cells	LSM5
13895	AC004687.1	1.82E-105	-0.28202	0.183	0.267	3.42E-101	T cells	AC004687.1
13896	SP110.2	1.95E-105	-0.27675	0.309	0.4	3.67E-101	T cells	SP110
13897	SELENOF.4	4.10E-105	-0.29329	0.417	0.505	7.71E-101	T cells	SELENOF
13898	GPR65.6	9.38E-105	-0.26601	0.149	0.229	1.76E-100	T cells	GPR65
13899	RAB11A.4	1.88E-104	-0.28013	0.27	0.367	3.53E-100	T cells	RAB11A
13900	JUN.5	2.19E-104	-0.37624	0.135	0.209	4.12E-100	T cells	JUN
13901	PAK2.3	2.44E-103	-0.25614	0.324	0.418	4.58E-99	T cells	PAK2
13902	SEC62.3	2.91E-103	-0.33061	0.489	0.566	5.46E-99	T cells	SEC62
13903	TOMM20.5	5.70E-103	0.253495	0.501	0.42	1.07E-98	T cells	TOMM20
13904	IKZF1.2	7.90E-103	0.272752	0.403	0.318	1.48E-98	T cells	IKZF1
13905	AL138963.3	1.54E-102	0.523531	0.252	0.175	2.89E-98	T cells	AL138963.3
13906	CCL4.7	1.55E-102	-0.75421	0.076	0.137	2.91E-98	T cells	CCL4
13907	ABHD14B.4	2.43E-102	0.256149	0.381	0.292	4.56E-98	T cells	ABHD14B
13908	ADIPOR1.2	3.11E-102	-0.28336	0.211	0.301	5.84E-98	T cells	ADIPOR1
13909	SPCS2.4	9.10E-102	-0.30222	0.381	0.463	1.71E-97	T cells	SPCS2
13910	ALDOA.5	3.91E-101	-0.4735	0.637	0.648	7.34E-97	T cells	ALDOA
13911	SASH3.4	4.66E-101	-0.25172	0.288	0.383	8.76E-97	T cells	SASH3

13912	JPT1.6	1.09E-100	-0.28623	0.267	0.356	2.06E-96 T cells	JPT1
13913	H2AFY.3	1.38E-100	-0.27147	0.284	0.372	2.60E-96 T cells	H2AFY
13914	MTDH.3	1.88E-100	-0.27977	0.398	0.48	3.54E-96 T cells	MTDH
13915	SQSTM1.5	3.25E-100	-0.26865	0.398	0.49	6.10E-96 T cells	SQSTM1
13916	NT5C3A.3	5.49E-100	-0.28986	0.174	0.255	1.03E-95 T cells	NT5C3A
13917	NKG7.7	1.59E-99	-0.99196	0.169	0.243	2.98E-95 T cells	NKG7
13918	STAT1.4	6.02E-99	0.387151	0.321	0.244	1.13E-94 T cells	STAT1
13919	LAGE3.2	6.80E-99	0.281219	0.27	0.196	1.28E-94 T cells	LAGE3
13920	RNH1.3	1.39E-98	-0.31269	0.341	0.418	2.62E-94 T cells	RNH1
13921	P2RY10.3	1.72E-95	-0.2635	0.087	0.147	3.22E-91 T cells	P2RY10
13922	EEF1G.3	1.47E-94	0.261184	0.246	0.172	2.75E-90 T cells	EEF1G
13923	CHURC1.2	2.68E-93	0.272739	0.388	0.311	5.04E-89 T cells	CHURC1
13924	CLIC3.7	4.53E-92	-0.97038	0.082	0.136	8.50E-88 T cells	CLIC3
13925	HMGN2.3	1.89E-90	-0.29506	0.739	0.767	3.55E-86 T cells	HMGN2
13926	NUAK2.5	4.15E-89	-0.2513	0.108	0.17	7.80E-85 T cells	NUAK2
13927	ITGB2-AS1	4.47E-89	0.271924	0.286	0.212	8.40E-85 T cells	ITGB2-AS1
13928	SEC61B.6	7.78E-89	-0.31449	0.561	0.601	1.46E-84 T cells	SEC61B
13929	STK38.4	1.06E-87	0.256087	0.351	0.275	1.99E-83 T cells	STK38
13930	KDEL2.3	1.81E-87	-0.26069	0.221	0.3	3.40E-83 T cells	KDEL2
13931	FAM49B.4	2.37E-87	-0.26147	0.39	0.475	4.45E-83 T cells	FAM49B
13932	CARS.2	2.43E-86	0.262732	0.187	0.125	4.56E-82 T cells	CARS
13933	LY6E.5	4.52E-85	-0.32682	0.621	0.649	8.48E-81 T cells	LY6E
13934	GAPDH.6	4.33E-84	-0.59452	0.919	0.883	8.13E-80 T cells	GAPDH
13935	FKBP2.3	3.92E-83	-0.25007	0.253	0.333	7.36E-79 T cells	FKBP2
13936	PSMA1.2	4.64E-82	0.252986	0.339	0.269	8.71E-78 T cells	PSMA1
13937	NECAP2.1	5.28E-82	0.2641	0.321	0.25	9.92E-78 T cells	NECAP2
13938	DHRS7.5	2.35E-79	-0.26963	0.293	0.377	4.41E-75 T cells	DHRS7
13939	TPR.3	7.40E-74	0.310267	0.416	0.355	1.39E-69 T cells	TPR
13940	UBB.6	4.08E-73	-0.25017	0.796	0.816	7.66E-69 T cells	UBB
13941	STOM.5	4.31E-73	-0.25429	0.087	0.141	8.10E-69 T cells	STOM
13942	MYDGF.4	7.17E-71	-0.32263	0.265	0.334	1.35E-66 T cells	MYDGF
13943	PECAM1.4	1.76E-70	-0.29918	0.145	0.205	3.31E-66 T cells	PECAM1
13944	SNHG7.6	4.14E-70	-0.3485	0.242	0.304	7.78E-66 T cells	SNHG7
13945	GZMH.7	3.43E-66	-0.25239	0.077	0.127	6.45E-62 T cells	GZMH
13946	ID3.5	6.32E-66	-0.35929	0.177	0.236	1.19E-61 T cells	ID3
13947	SSR3.4	3.10E-65	-0.2859	0.251	0.319	5.83E-61 T cells	SSR3
13948	CMC1.4	1.43E-61	-0.28163	0.125	0.182	2.68E-57 T cells	CMC1
13949	FGFBP2.8	1.32E-52	-0.57692	0.081	0.122	2.49E-48 T cells	FGFBP2
13950	DUSP2.6	5.07E-52	0.360714	0.159	0.111	9.53E-48 T cells	DUSP2
13951	SDCBP.4	1.38E-49	-0.27915	0.324	0.375	2.60E-45 T cells	SDCBP
13952	CALR.5	6.21E-44	-0.32024	0.595	0.614	1.17E-39 T cells	CALR
13953	TUBA1B.6	2.44E-43	-0.42976	0.503	0.533	4.58E-39 T cells	TUBA1B
13954	TSC22D3.4	4.15E-41	-0.33943	0.607	0.629	7.80E-37 T cells	TSC22D3
13955	LYAR.7	3.53E-40	0.322415	0.182	0.142	6.64E-36 T cells	LYAR
13956	CSTB.4	1.56E-37	-0.34864	0.458	0.473	2.93E-33 T cells	CSTB
13957	ITM2C.5	8.60E-36	-0.37371	0.134	0.17	1.62E-31 T cells	ITM2C
13958	PPIB.6	3.38E-35	-0.34375	0.8	0.78	6.35E-31 T cells	PPIB

13959	S100A6.7	5.27E-34	-1.42829	0.853	0.635	9.90E-30	T cells	S100A6
13960	ITGB2.8	1.44E-33	-0.47634	0.673	0.617	2.71E-29	T cells	ITGB2
13961	ISG20.6	5.82E-32	-0.29272	0.569	0.554	1.09E-27	T cells	ISG20
13962	APMAP.5	8.73E-30	-0.29882	0.2	0.24	1.64E-25	T cells	APMAP
13963	IL2RB.3	2.20E-29	-0.36102	0.075	0.102	4.14E-25	T cells	IL2RB
13964	HMGB2.6	7.32E-25	-0.26566	0.254	0.289	1.38E-20	T cells	HMGB2
13965	CTSC.7	1.15E-21	-0.348	0.321	0.348	2.15E-17	T cells	CTSC
13966	IFITM2.7	1.55E-21	-1.04405	0.851	0.797	2.91E-17	T cells	IFITM2
13967	FCMR.7	3.74E-21	-0.33795	0.597	0.553	7.02E-17	T cells	FCMR
13968	S100A10.5	2.12E-17	-0.59614	0.696	0.535	3.98E-13	T cells	S100A10
13969	GZMA.7	2.82E-16	-0.6131	0.128	0.147	5.31E-12	T cells	GZMA
13970	HSP90B1.6	8.87E-14	-0.43893	0.5	0.51	1.67E-09	T cells	HSP90B1
13971	AIF1.8	1.78E-09	-1.65941	0.303	0.269	3.35E-05	T cells	AIF1
13972	VSIR.4	9.54E-09	-0.35267	0.411	0.395	0.000179	T cells	VSIR