Table S2. Cluster markers for Singleplex and Mux-Seq. A list of established markers used for cell type annotation is providded.

Singleplex scRNAseq markers

p_val	avg_logFC	pct.1	pct.2	p_val_adj	cluster	Gene	Cell type
0	1.04412713	0.283	0.019	0	0	CXCL10	Immune/Neutrophils
0	1.37443214	0.74	0.07	0	0	C1QA	Immune/Neutrophils
0	1.16295402	0.676	0.056	0	0	C1QB	Immune/Neutrophils
0	0.61068849	0.265	0.013	0	0	CXCL9	Immune/Neutrophils
0	1.16566608	0.513	0.055	0	0	APOC1	Immune/Neutrophils
0	0.62025894	0.496	0.032	0	0	C1QC	Immune/Neutrophils
0	0.63966909	0.529	0.039	0	0	CD163	Immune/Neutrophils
0	0.74647874	0.413	0.038	0	0	HMOX1	Immune/Neutrophils
0	0.41623587	0.159	0.009	0	0	CCL8	Immune/Neutrophils
0	0.39412872	0.356	0.024	0	0	MS4A4A	Immune/Neutrophils
0	0.6794586	0.582	0.069	0	0	MS4A6A	Immune/Neutrophils
0	0.92931626	0.722	0.118	0	0	FCER1G	Immune/Neutrophils
0	0.67868756	0.485	0.059	0	0	LGMN	Immune/Neutrophils
0	0.94142551	0.687	0.123	0	0	CTSB	Immune/Neutrophils
0	0.97021397	0.643	0.119	0	0	LYZ	Immune/Neutrophils
0	0.48740378	0.457	0.043	0	0	FCGR3A	Immune/Neutrophils
0	0.33202474	0.315	0.021	0	0	FPR3	Immune/Neutrophils
0	0.95269071	0.775	0.152	0	0	TYROBP	Immune/Neutrophils
0	0.44947544	0.409	0.039	0	0	CD14	Immune/Neutrophils
0	0.77723988	0.675	0.114	0	0	CTSS	Immune/Neutrophils
0	0.65067296	0.349	0.051	0	0	CXCL8	Immune/Neutrophils
0	0.64398685	0.544	0.084	0	0	CTSZ	Immune/Neutrophils
0	0.39803615	0.358	0.035	0	0	MSR1	Immune/Neutrophils
0	0.30550002	0.236	0.018	0	0	F13A1	Immune/Neutrophils
0	1.1400662	0.554	0.162	0	0	APOE	Immune/Neutrophils
0	1.4308107	0.915	0.336	0	0	HLA-DRA	Immune/Neutrophils
0	0.31627795	0.27	0.022	0	0	PLTP	Immune/Neutrophils
0	0.8039128	0.553	0.116	0	0	RNASE1	Immune/Neutrophils
0	0.56154332	0.337	0.05	0	0	CXCL3	Immune/Neutrophils
0	0.7886614	0.729	0.156	0	0	AIF1	Immune/Neutrophils
0	0.41835017	0.388	0.045	0	0	STAB1	Immune/Neutrophils
0	0.39550208	0.386	0.044	0	0	CYBB	Immune/Neutrophils
0	0.36527576	0.331	0.035	0	0	CFD	Immune/Neutrophils
0	0.32175646	0.283	0.027	0	0	SDC3	Immune/Neutrophils
0	0.36870537	0.334	0.039	0	0	FAM26F	Immune/Neutrophils
0	0.55881796	0.458	0.083	0	0	CTSL	Immune/Neutrophils
0	0.53525562	0.529	0.092	0	0	LY96	Immune/Neutrophils
0	0.31174998	0.3	0.032	0	0	TNFSF13E	Immune/Neutrophils
0	0.71769083	0.49	0.121	0	0	CXCL2	Immune/Neutrophils
0	0.47372671	0.28	0.046	0	0	C15orf48	Immune/Neutrophils
0	0.73186092	0.654	0.167	0	0	GLUL	Immune/Neutrophils
0	0.36453547	0.36	0.046	0	0	MS4A7	Immune/Neutrophils

0	0.58414886	0.439	0.097	0	0	CCL3	Immune/Neutrophils
0	0.47817175	0.468	0.085	0	0	MAFB	Immune/Neutrophils
0	0.4179343	0.39	0.063	0	0	LIPA	Immune/Neutrophils
0	0.48980492	0.393	0.076	0	0	RP11-114	Immune/Neutrophils
0	0.47559452	0.487	0.092	0	0	LAPTM5	Immune/Neutrophils
0	0.41739062	0.411	0.069	0	0	S100A9	Immune/Neutrophils
0	0.861195	0.793	0.279	0	0	NPC2	Immune/Neutrophils
0	0.26508328	0.277	0.03	0	0	CD68	Immune/Neutrophils
0	0.6912718	0.703	0.2	0	0	HLA-DPB1	Immune/Neutrophils
0	0.89506756	0.774	0.305	0	0	PSAP	Immune/Neutrophils
0	0.34212426	0.323	0.049	0	0	PLEK	Immune/Neutrophils
0	0.52409447	0.374	0.088	0	0	FABP5	Immune/Neutrophils
0	1.73942828	0.979	0.773	0	0	FTL	Immune/Neutrophils
0	0.53967553	0.558	0.138	0	0	MARCKS	Immune/Neutrophils
0	0.61648917	0.617	0.179	0	0	HLA-DPA1	Immune/Neutrophils
0	0.66944332	0.286	0.091	0	0	CCL2	Immune/Neutrophils
0	0.48614616	0.47	0.115	0	0	CTSC	Immune/Neutrophils
0	0.96114328	0.883	0.43	0	0	CD74	Immune/Neutrophils
0	0.46997772	0.487	0.116	0	0	GRN	Immune/Neutrophils
0	0.32199901	0.275	0.045	0	0	GPNMB	Immune/Neutrophils
0	0.34138312	0.281	0.049	0	0	GBP1	Immune/Neutrophils
0	0.72252863	0.785	0.296	0	0	SRGN	Immune/Neutrophils
0	0.43224339	0.466	0.107	0	0	TYMP	Immune/Neutrophils
0	0.28284791	0.304	0.046	0	0	CREG1	Immune/Neutrophils
0	0.47687841	0.472	0.134	0	0	NR4A2	Immune/Neutrophils
0	0.29716427	0.339	0.06	0	0	MFSD1	Immune/Neutrophils
0	0.29837898	0.328	0.059	0	0	MNDA	Immune/Neutrophils
0	0.32610061	0.35	0.069	0	0	CD83	Immune/Neutrophils
0	0.31011203	0.233	0.044	0	0	CCL3L3	Immune/Neutrophils
0	0.73243985	0.683	0.305	0	0	CTSD	Immune/Neutrophils
0	0.46664243	0.512	0.149	0	0	NAMPT	Immune/Neutrophils
0	0.34435646	0.242	0.056	0	0	SLC40A1	Immune/Neutrophils
0	0.26888236	0.309	0.056	0	0	C1orf162	Immune/Neutrophils
0	0.31178435	0.394	0.083	0	0	LST1	Immune/Neutrophils
0	0.33618377	0.377	0.087	0	0	HLA-DQA1	Immune/Neutrophils
0	0.84027277	0.918	0.549	0	0	SAT1	Immune/Neutrophils
0	0.6509176	0.755	0.353	0	0	CYBA	Immune/Neutrophils
0	0.40818219	0.436	0.131	0	0	STAT1	Immune/Neutrophils
0	0.58567214	0.677	0.292	0	0	GPX1	Immune/Neutrophils
0	0.45459357	0.551	0.193	0	0	SDCBP	Immune/Neutrophils
0	0.27654377	0.336	0.072	0	0	CD53	Immune/Neutrophils
0	0.29868709	0.348	0.081	0	0	LAP3	Immune/Neutrophils
0	0.30453357	0.214	0.051	0	0	CCL4L2	Immune/Neutrophils
0	0.47235565	0.476	0.181	0	0	IER3	Immune/Neutrophils
0	0.6234388	0.78	0.402	0	0	CST3	Immune/Neutrophils
0	0.4566755	0.531	0.21	0	0	SOD2	Immune/Neutrophils
0	0.4566755	0.531	0.21	0	0	SOD2	Immune/Neutrophils
0	0.50674521	0.38	0.167	0	0	SEPP1	Immune/Neutrophils

0	0.33622036	0.382	0.114	0	0	RGS2	Immune/Neutrophils
0	0.52417518	0.592	0.277	0	0	NFKBIA	Immune/Neutrophils
0	0.40739377	0.453	0.171	0	0	SGK1	Immune/Neutrophils
0	0.65831631	0.809	0.497	0	0	DUSP1	Immune/Neutrophils
0	0.36667142	0.45	0.155	0	0	HLA-DRB5	Immune/Neutrophils
0	0.31054333	0.399	0.117	0	0	FYB	Immune/Neutrophils
0	0.25396046	0.268	0.067	0	0	SNX10	Immune/Neutrophils
0	0.32026923	0.368	0.117	0	0	KLF4	Immune/Neutrophils
0	0.25917722	0.329	0.085	0	0	LCP1	Immune/Neutrophils
0	0.27466698	0.359	0.1	0	0	HLA-DMA	Immune/Neutrophils
0	0.70428863	0.923	0.665	0	0	FOS	Immune/Neutrophils
0	0.79884583	0.96	0.789	0	0	FTH1	Immune/Neutrophils
0	0.48931575	0.682	0.358	0	0	ZFP36	Immune/Neutrophils
0	0.47134139	0.666	0.346	0	0	LGALS1	Immune/Neutrophils
0	0.34467861	0.508	0.201	0	0	HLA-DRB1	Immune/Neutrophils
0	0.30261308	0.404	0.141	0	0	ASAH1	Immune/Neutrophils
0	0.69540967	0.963	0.822	0	0	ACTB	Immune/Neutrophils
0	0.4831467	0.689	0.412	0	0	KLF6	Immune/Neutrophils
0	0.42353731	0.66	0.355	0	0	OAZ1	Immune/Neutrophils
0	0.681228	0.988	0.879	0	0	TMSB4X	Immune/Neutrophils
0	0.39518521	0.605	0.316	0	0	SH3BGRL	Immune/Neutrophils
0	0.27068808	0.394	0.141	0	0	COTL1	Immune/Neutrophils
0	0.28727043	0.43	0.164	0	0	ARPC5	Immune/Neutrophils
0	0.39096991	0.651	0.345	0	0	VIM	Immune/Neutrophils
0	0.70463855	0.989	0.947	0	0	B2M	Immune/Neutrophils
0	0.26402036	0.373	0.135	0	0	CMTM6	Immune/Neutrophils
0	0.32997947	0.482	0.219	0	0	VAMP8	Immune/Neutrophils
0	0.26153285	0.352	0.127	0	0	CEBPB	Immune/Neutrophils
0	0.25073427	0.367	0.13	0	0	HCST	Immune/Neutrophils
0	0.60399695	0.979	0.85	0	0	TMSB10	Immune/Neutrophils
0	0.38787277	0.617	0.352	0	0	POMP	Immune/Neutrophils
0	0.45286414	0.673	0.451	0	0	HSPA1A	Immune/Neutrophils
0	0.37752916	0.602	0.353	0	0	FOSB	Immune/Neutrophils
0	0.39211679	0.624	0.385	0	0	ZFP36L1	Immune/Neutrophils
0	0.25199698	0.264	0.106	0	0	ISG15	Immune/Neutrophils
0	0.26541209	0.369	0.162	0	0	VAMP5	Immune/Neutrophils
0	0.38678793	0.759	0.506	0	0	HLA-B	Immune/Neutrophils
0	0.33982017	0.489	0.292	0	0	PRDX1	Immune/Neutrophils
0	0.36999656	0.583	0.385	0	0	EGR1	Immune/Neutrophils
0	0.28620886	0.519	0.275	0	0	HLA-E	Immune/Neutrophils
0	0.27123221	0.521	0.284	0	0	S100A4	Immune/Neutrophils
0	0.25459425	0.463	0.252	0	0	MCL1	Immune/Neutrophils
0	0.26004292	0.492	0.277	0	0	RHOA	Immune/Neutrophils
0	0.29706885	0.672	0.461	0	0	PFN1	Immune/Neutrophils
0	0.36522903	0.95	0.854	0	0	NEAT1	Immune/Neutrophils
0	0.27506749	0.644	0.443	0	0	HLA-A	Immune/Neutrophils
4.86E-260	0.26284919	0.581	0.412	1E-255	0	CD63	Immune/Neutrophils
0	0.29997667	0.881	0.771	0	0	ATP5E	Immune/Neutrophils

0	0.28305038	0.902	0.795	0	0	TPT1	Immune/Neutrophils
4.01E-264	-0.339104	0.019	0.174	9E-260	0	CXCL14	Immune/Neutrophils
8.12E-241	-0.2624086	0.033	0.184	2E-236	0	TIMP3	Immune/Neutrophils
4.21E-145	-0.4621179	0.011	0.101	9E-141	0	UMOD	Immune/Neutrophils
8.82E-228	-0.2536958	0.043	0.192	2E-223	0	CALD1	Immune/Neutrophils
3.64E-209	-0.322472	0.032	0.168	8E-205	0	MMP7	Immune/Neutrophils
0	-0.2668044	0.07	0.301	0	0	NGFRAP1	Immune/Neutrophils
0	-0.5663536	0.043	0.343	0	0	FXYD2	Immune/Neutrophils
6.23E-308	-0.3889745	0.042	0.229	1E-303	0	CRYAB	Immune/Neutrophils
0	-0.4813472	0.058	0.365	0	0	CD24	Immune/Neutrophils
2.03E-234	-0.492081	0.027	0.173	4E-230	0	IGFBP5	Immune/Neutrophils
4.39E-242	-0.5116381	0.033	0.186	1E-237	0	S100A2	Immune/Neutrophils
1.5E-303	-0.3896418	0.059	0.25	3E-299	0	MT1E	Immune/Neutrophils
1.3E-166	-0.2678194	0.078	0.208	3E-162	0	GPX3	Immune/Neutrophils
2.19E-156	-0.3495625	0.054	0.171	5E-152	0	MGP	Immune/Neutrophils
1.25E-188	-0.2842205	0.105	0.256	3E-184	0	HES1	Immune/Neutrophils
0	-0.5595568	0.067	0.308	0	0	CLU	Immune/Neutrophils
0	-0.728569	0.056	0.322	0	0	DEFB1	Immune/Neutrophils
0	-0.6961125	0.062	0.32	0	0	ADIRF	Immune/Neutrophils
0	-0.7291879	0.061	0.31	0	0	WFDC2	Immune/Neutrophils
0	-0.4075814	0.158	0.443	0	0	DSTN	Immune/Neutrophils
7.3E-260	-0.2510658	0.31	0.506	2E-255	0	RPL5	Immune/Neutrophils
0	-0.7597288	0.116	0.507	0	0	IGFBP7	Immune/Neutrophils
3.32E-247	-0.2628265	0.412	0.588	7E-243	0	RPL10A	Immune/Neutrophils
1.02E-289	-0.2797283	0.486	0.671	2E-285	0	RPL6	Immune/Neutrophils
2.78E-267	-0.3584966	0.257	0.45	6E-263	0	HSPB1	Immune/Neutrophils
0	-0.3028078	0.491	0.686	0	0	RPL31	Immune/Neutrophils
4.66E-248	-0.271266	0.644	0.765	1E-243	0	RPL35A	Immune/Neutrophils
6.04E-261	-0.2707237	0.706	0.807	1E-256	0	RPL11	Immune/Neutrophils
6.87E-207	-0.2658972	0.808	0.863	2E-202	0	RPS8	Immune/Neutrophils
0	-0.3290834	0.55	0.727	0	0	RPS4X	Immune/Neutrophils
0	-0.7996093	0.127	0.4	0	0	ATP1B1	Immune/Neutrophils
9.25E-184	-0.2632273	0.901	0.915	2E-179	0	RPL10	Immune/Neutrophils
0	-0.3892412	0.549	0.748	0	0	RPL3	Immune/Neutrophils
3.72E-281	-0.3043865	0.896	0.926	8E-277	0	RPS18	Immune/Neutrophils
2.04E-212	-0.8306261	0.093	0.252	4E-208	0	MT1G	Immune/Neutrophils
2.83E-141	-0.344868	0.638	0.711	6E-137	0	S100A6	Immune/Neutrophils
2.54E-295	-0.3571927	0.728	0.811	6E-291	0	MT-ND4L	Immune/Neutrophils
0	-0.3254967	0.995	0.994	0	0	MT-ATP6	Immune/Neutrophils
0	-0.3650167	0.868	0.929	0	0	MT-ND5	Immune/Neutrophils
0	-0.3432615	1	1	0	0	MT-CO2	Immune/Neutrophils
0	-0.4291538	0.711	0.86	0	0	RPS6	Immune/Neutrophils
0	-0.359137	1	1	0	0	MT-CO3	Immune/Neutrophils
0	-0.3858335	1	1	0	0	MT-CO1	Immune/Neutrophils
5.214E-64	-0.5277565	0.293	0.387	1.2E-59	0	SPP1	Immune/Neutrophils
0	-0.4154705	0.954	0.965	0	0	MT-ND1	Immune/Neutrophils
0	-0.41112	1	0.999	0	0	MT-ND4	Immune/Neutrophils
0	-0.449927	1	0.999	0	0	MALAT1	Immune/Neutrophils

0	-0.4540197	0.986	0.992	0	0	MT-CYB	Immune/Neutrophils
0	-0.4902533	0.989	0.996	0	0	MT-ND2	Immune/Neutrophils
0	-0.5913098	0.998	0.999	0	0	MT-ND3	Immune/Neutrophils
7.978E-22	-0.5562598	0.117	0.081	1.8E-17	0	IGHG3	Immune/Neutrophils
1.231E-20	-0.5515221	0.102	0.069	2.7E-16	0	IGHG1	Immune/Neutrophils
9.406E-23	-1.2312195	0.113	0.078	2.1E-18	0	IGLC3	Immune/Neutrophils
2.481E-56	-1.2858112	0.144	0.086	5.5E-52	0	IGLC2	Immune/Neutrophils
6.97E-136	-1.613738	0.3	0.172	2E-131	0	IGKC	Immune/Neutrophils
0	0.34390778	0.297	0.05	0	1	LTB	T Cells
0	0.51566079	0.527	0.157	0	1	CD52	T Cells
0	0.33733351	0.306	0.062	0	1	IL7R	T Cells
0	0.47033698	0.444	0.129	0	1	CD69	T Cells
0	0.31017274	0.215	0.054	0	1	KLRB1	T Cells
0	0.42931339	0.534	0.225	0	1	CXCR4	T Cells
0	0.47095828	0.642	0.378	0	1	BTG1	T Cells
0	0.7311788	0.987	0.969	0	1	RPS27	T Cells
0	0.6094904	0.965	0.925	0	1	RPS29	T Cells
0	0.55584521	0.93	0.816	0	1	RPS15A	T Cells
0	0.40872451	0.676	0.45	0	1	PABPC1	T Cells
0	0.52257875	0.92	0.825	0	1	RPLP2	T Cells
0	0.54779588	0.972	0.946	0	1	RPL21	T Cells
0	0.29414282	0.452	0.242	0	1	IL32	T Cells
0	0.45786002	0.878	0.743	0	1	RPL18A	T Cells
0	0.50535554	0.969	0.909	0	1	RPL13A	T Cells
0	0.424497	0.804	0.643	0	1	RPS3	T Cells
0	0.50962066	0.975	0.939	0	1	RPL39	T Cells
0	0.48653376	0.962	0.898	0	1	RPL32	T Cells
0	0.47372125	0.933	0.854	0	1	RPS8	T Cells
0	0.44710547	0.878	0.765	0	1	RPL23A	T Cells
0	0.47845484	0.971	0.916	0	1	RPL13	T Cells
0	0.45665675	0.934	0.852	0	1	RPS12	T Cells
0	0.46826811	0.967	0.91	0	1	RPL10	T Cells
0	0.44167715	0.888	0.789	0	1	RPS25	T Cells
0	0.46070673	0.965	0.921	0	1	RPS18	T Cells
0	0.42037344	0.904	0.794	0	1	RPL28	T Cells
0	0.41463225	0.888	0.794	0	1	RPL11	T Cells
0	0.45841256	0.988	0.978	0	1	RPL34	T Cells
0	0.35106349	0.681	0.525	0	1	RPL30	T Cells
0	0.39213839	0.841	0.728	0	1	RPL27A	T Cells
0	0.43298335	0.957	0.915	0	1	RPS27A	T Cells
0	0.37943936	0.814	0.684	0	1	RPS26	T Cells
0	0.41676909	0.961	0.889	0	1	RPS19	T Cells
0	0.38817166	0.855	0.749	0	1	RPL35A	T Cells
0	0.38858028	0.853	0.749	0	1	RPS3A	T Cells
0	0.34764349	0.831	0.692	0	1	RPS2	T Cells
0	0.35280888	0.818	0.707	0	1	RPS4X	T Cells
0	0.36681689	0.92	0.845	0	1	RPS6	T Cells
0	0.35517732	0.897	0.804	0	1	RPL12	T Cells

0	0.37135743	0.947	0.891	0	1	RPS15	T Cells
2.33E-300	0.29857927	0.672	0.525	5E-296	1	RPL14	T Cells
0	0.35383168	0.933	0.876	0	1	RPS14	T Cells
0	0.34814372	0.961	0.919	0	1	RPLP1	T Cells
0	0.31675424	0.788	0.696	0	1	RPL19	T Cells
1.03E-307	0.30445368	0.738	0.633	2E-303	1	RPS20	T Cells
0	0.32963658	0.913	0.853	0	1	RPL36	T Cells
1E-266	0.29483781	0.692	0.583	2E-262	1	RPS5	T Cells
0	0.32601831	0.938	0.885	0	1	RPS28	T Cells
3.7E-287	0.3027305	0.76	0.666	8E-283	1	RPL31	T Cells
1.45E-268	0.28343296	0.726	0.624	3E-264	1	RPL37	T Cells
0	0.30492478	0.892	0.835	0	1	RPL35	T Cells
0	0.28795946	0.822	0.727	0	1	RPL3	T Cells
7.66E-277	0.28484667	0.788	0.705	2E-272	1	RPS13	T Cells
1.95E-237	0.26900936	0.706	0.609	4E-233	1	RPS16	T Cells
2.48E-234	0.2630184	0.685	0.581	5E-230	1	RPL18	T Cells
0	0.28355126	0.896	0.832	0	1	RPL26	T Cells
5.71E-210	0.25214245	0.653	0.541	1E-205	1	RPL27	T Cells
3.67E-275	0.2664662	0.783	0.692	8E-271	1	RPS17	T Cells
4E-200	0.25523994	0.67	0.569	9E-196	1	RPL10A	T Cells
2.93E-218	0.25918377	0.755	0.688	6E-214	1	RPL9	T Cells
0	0.27092839	0.981	0.965	0	1	RPL41	T Cells
1.03E-277	0.25338074	0.878	0.826	2E-273	1	RPS23	T Cells
4.1E-130	-0.2549872	0.015	0.101	9E-126	1	FXYD4	T Cells
3.17E-147	-0.4691059	0.009	0.101	7E-143	1	UMOD	T Cells
2.49E-190	-0.3287239	0.029	0.155	6E-186	1	CXCL2	T Cells
0	-0.2619098	0.068	0.282	0	1	CD59	T Cells
0	-0.2548446	0.08	0.305	0	1	APP	T Cells
0	-0.3267322	0.068	0.322	0	1	CD9	T Cells
2.46E-178	-0.2824858	0.043	0.168	5E-174	1	FCER1G	T Cells
3.56E-200	-0.2729315	0.051	0.19	8E-196	1	SPARC	T Cells
3.58E-191	-0.2722077	0.051	0.186	8E-187	1	IFI27	T Cells
8.8E-158	-0.3180801	0.034	0.144	2E-153	1	SPARCL1	T Cells
0	-0.2965515	0.103	0.337	0	1	RHOB	T Cells
0	-0.2532281	0.141	0.377	0	1	LAPTM4A	T Cells
4.11E-276	-0.345373	0.072	0.258	9E-272	1	HES1	T Cells
1.96E-186	-0.3975408	0.042	0.172	4E-182	1	MGP	T Cells
2.93E-129	-0.3168404	0.045	0.145	6E-125	1	CTGF	T Cells
3.041E-97	-0.2951077	0.042	0.121	6.7E-93	1	C1QA	T Cells
0	-0.3614528	0.096	0.33	0	1	NPC2	T Cells
1.27E-205	-0.3478387	0.062	0.205	3E-201	1	TYROBP	T Cells
4.952E-94	-0.2937275	0.046	0.126	1.1E-89	1	CCL3	T Cells
2.73E-196	-0.3421814	0.065	0.205	6E-192	1	AIF1	T Cells
9.42E-178	-0.4436378	0.04	0.163	2E-173	1	LYZ	T Cells
6.67E-303	-0.2619258	0.171	0.395	1E-298	1	GSTP1	T Cells
0	-0.3585282	0.112	0.354	0	1	PSAP	T Cells
0	-0.3548935	0.144	0.444	0	1	CD63	T Cells
1.56E-210	-0.2535032	0.158	0.331	3E-206	1	GPX1	T Cells

1.282E-84	-0.2536332	0.079	0.164	2.8E-80	1	MMP7	T Cells
5.43E-291	-0.3319538	0.138	0.345	1E-286	1	CTSD	T Cells
1.31E-140	-0.2994629	0.101	0.224	3E-136	1	CRYAB	T Cells
0	-0.4490753	0.125	0.412	0	1	IFITM3	T Cells
6.33E-166	-0.3195782	0.107	0.246	1E-161	1	MT1E	T Cells
2.19E-164	-0.47555	0.051	0.171	5E-160	1	IGFBP5	T Cells
3.61E-190	-0.5140366	0.051	0.184	8E-186	1	S100A2	T Cells
0	-0.5034212	0.128	0.449	0	1	CST3	T Cells
2.67E-176	-0.369837	0.093	0.235	6E-172	1	TIMP1	T Cells
0	-0.340167	0.19	0.44	0	1	DSTN	T Cells
5.36E-299	-0.3519635	0.15	0.358	1E-294	1	CD24	T Cells
0	-0.3140897	0.224	0.468	0	1	S100A11	T Cells
1.17E-290	-0.2707547	0.321	0.549	3E-286	1	NDUFA4	T Cells
1.8E-249	-0.2558533	0.351	0.558	4E-245	1	MYL6	T Cells
0	-0.7261685	0.078	0.32	0	1	DEFB1	T Cells
8.45E-271	-0.4143064	0.145	0.335	2E-266	1	FXYD2	T Cells
2.87E-200	-0.3123464	0.24	0.41	6E-196	1	EGR1	T Cells
5.7E-143	-0.2853705	0.243	0.376	1E-138	1	VIM	T Cells
6.79E-246	-0.4672143	0.121	0.304	1E-241	1	CLU	T Cells
0	-0.4203277	0.203	0.454	0	1	HSPB1	T Cells
3.152E-59	-0.2995851	0.122	0.194	7E-55	1	APOE	T Cells
1.44E-266	-0.3563346	0.275	0.48	3E-262	1	HSPA1A	T Cells
0	-0.6239738	0.106	0.316	0	1	ADIRF	T Cells
0	-0.6378741	0.181	0.502	0	1	IGFBP7	T Cells
3.66E-205	-0.4362465	0.21	0.379	8E-201	1	LGALS1	T Cells
4.069E-42	-0.2516475	0.666	0.684	9E-38	1	FOS	T Cells
0	-0.851925	0.116	0.401	0	1	ATP1B1	T Cells
4.71E-269	-0.6478195	0.118	0.306	1E-264	1	WFDC2	T Cells
0	-0.4673977	0.378	0.684	0	1	ITM2B	T Cells
8.987E-81	-0.3337104	0.373	0.467	2E-76	1	CD74	T Cells
1.56E-257	-0.4108381	0.4	0.587	3E-253	1	SAT1	T Cells
0	-0.368801	0.699	0.872	0	1	NEAT1	T Cells
4.672E-47	-0.3963636	0.212	0.281	1E-42	1	MT1X	T Cells
5.5E-155	-0.3565668	0.728	0.806	1E-150	1	FTH1	T Cells
7.237E-75	-0.4989149	0.298	0.382	1.6E-70	1	HLA-DRA	T Cells
0	-0.618363	0.457	0.724	0	1	S100A6	T Cells
3.75E-183	-0.5614089	0.368	0.523	8E-179	1	MT2A	T Cells
6.063E-12	-0.5934749	0.213	0.243	1.3E-07	1	MT1G	T Cells
0	-1.1590605	0.18	0.395	0	1	SPP1	T Cells
1.709E-54	-0.6167272	0.748	0.79	3.8E-50	1	FTL	T Cells
1.161E-48	-1.2544893	0.128	0.077	2.6E-44	1	IGLC3	T Cells
1.041E-28	-1.4660827	0.129	0.087	2.3E-24	1	IGLC2	T Cells
9.5E-157	-1.664717	0.304	0.172	2E-152	1	IGKC	T Cells
0	0.3749395	0.207	0.01	0	2	RBP4	Proximal tubule cells
0	1.07080113	0.631	0.126	0	2	MMP7	Proximal tubule cells
0	1.07334504	0.779	0.177	0	2	CRYAB	Proximal tubule cells
0	0.40229691	0.398	0.039	0	2	ACSM2A	Proximal tubule cells
0	1.33737005	0.705	0.263	0	2	CLU	Proximal tubule cells

0	0.46340431	0.433	0.059	0	2	VCAM1	Proximal tubule cells
0	0.57574388	0.519	0.093	0	2	PDZK1IP1	Proximal tubule cells
0	0.26236407	0.257	0.021	0	2	CDH6	Proximal tubule cells
0	0.42680513	0.443	0.062	0	2	UGT2B7	Proximal tubule cells
0	0.61150912	0.494	0.101	0	2	PIGR	Proximal tubule cells
0	0.5721103	0.592	0.16	0	2	TPM1	Proximal tubule cells
0	0.55007462	0.531	0.138	0	2	CXCL14	Proximal tubule cells
0	0.28689529	0.311	0.051	0	2	AKAP12	Proximal tubule cells
0	0.70431463	0.542	0.22	0	2	MT1G	Proximal tubule cells
0	0.25707759	0.222	0.033	0	2	FHL1	Proximal tubule cells
0	0.3761757	0.413	0.093	0	2	TNFSF10	Proximal tubule cells
0	0.30163993	0.342	0.064	0	2	LINC0132	Proximal tubule cells
0	0.4078095	0.474	0.123	0	2	KRT18	Proximal tubule cells
0	0.33926576	0.363	0.081	0	2	MGST1	Proximal tubule cells
0	0.38518778	0.408	0.112	0	2	MT1F	Proximal tubule cells
0	0.56395823	0.533	0.216	0	2	MT1E	Proximal tubule cells
0	0.70357636	0.554	0.285	0	2	ADIRF	Proximal tubule cells
0	0.63658895	0.523	0.259	0	2	MT1X	Proximal tubule cells
0	0.49064501	0.734	0.317	0	2	CD24	Proximal tubule cells
0	0.26565239	0.351	0.084	0	2	GATM	Proximal tubule cells
0	0.38925136	0.485	0.174	0	2	SOX4	Proximal tubule cells
0	0.31218666	0.413	0.124	0	2	OCIAD2	Proximal tubule cells
0	0.26961888	0.344	0.091	0	2	KRT8	Proximal tubule cells
0	0.29086921	0.355	0.102	0	2	TSPAN1	Proximal tubule cells
0	0.28077052	0.382	0.109	0	2	SPATS2L	Proximal tubule cells
0	0.37225973	0.554	0.236	0	2	IL32	Proximal tubule cells
0	0.29788247	0.293	0.108	0	2	KRT19	Proximal tubule cells
0	0.2709792	0.277	0.093	0	2	SERPINA1	Proximal tubule cells
0	0.29517588	0.456	0.168	0	2	EMX2	Proximal tubule cells
0	0.39086057	0.664	0.34	0	2	LAPTM4A	Proximal tubule cells
0	0.32662214	0.636	0.301	0	2	FXYD2	Proximal tubule cells
0	0.25794538	0.466	0.196	0	2	S100A13	Proximal tubule cells
0	0.41749999	0.71	0.499	0	2	MT2A	Proximal tubule cells
0	0.38876221	0.7	0.465	0	2	IGFBP7	Proximal tubule cells
0	0.40445312	0.884	0.648	0	2	ITM2B	Proximal tubule cells
0	0.32364615	0.685	0.42	0	2	HSPB1	Proximal tubule cells
0	0.26707136	0.611	0.361	0	2	S100A10	Proximal tubule cells
0	0.32794684	0.965	0.852	0	2	TMSB10	Proximal tubule cells
4.17E-172	0.26695151	0.514	0.37	9E-168	2	GSTP1	Proximal tubule cells
3.34E-135	-0.2535845	0.014	0.105	7E-131	2	C1QB	Proximal tubule cells
4E-162	-0.3368587	0.016	0.123	9E-158	2	C1QA	Proximal tubule cells
1.68E-220	-0.3077523	0.026	0.168	4E-216	2	FCER1G	Proximal tubule cells
2.61E-172	-0.3227463	0.023	0.14	6E-168	2	CCL4	Proximal tubule cells
1.25E-179	-0.3385657	0.024	0.144	3E-175	2	SPARCL1	Proximal tubule cells
5.86E-218	-0.2593509	0.042	0.191	1E-213	2	CD52	Proximal tubule cells
1.16E-147	-0.3256125	0.023	0.127	3E-143	2	CCL3	Proximal tubule cells
9E-181	-0.2957554	0.036	0.163	2E-176	2	CCL5	Proximal tubule cells
2.75E-265	-0.3803996	0.037	0.206	6E-261	2	TYROBP	Proximal tubule cells

7.54E-212	-0.3187658	0.042	0.188	2E-207	2	RGS1	Proximal tubule cells
2.21E-256	-0.3784104	0.04	0.206	5E-252	2	AIF1	Proximal tubule cells
1.06E-206	-0.4564201	0.027	0.164	2E-202	2	LYZ	Proximal tubule cells
0	-0.5550365	0.053	0.349	0	2	SRGN	Proximal tubule cells
2.55E-268	-0.3269335	0.075	0.258	6E-264	2	CXCR4	Proximal tubule cells
0	-0.4369672	0.07	0.317	0	2	S100A4	Proximal tubule cells
2.13E-169	-0.3129222	0.104	0.244	5E-165	2	HLA-DPB1	Proximal tubule cells
1.28E-238	-0.2978621	0.168	0.347	3E-234	2	SH3BGRL	Proximal tubule cells
2.3E-195	-0.2856462	0.246	0.407	5E-191	2	BTG1	Proximal tubule cells
5.2E-150	-0.2759557	0.348	0.473	1E-145	2	PABPC1	Proximal tubule cells
1.101E-62	-0.3932604	0.096	0.168	2.4E-58	2	IGFBP5	Proximal tubule cells
1.82E-228	-0.4422389	0.197	0.379	4E-224	2	LGALS1	Proximal tubule cells
5.733E-55	-0.3749135	0.111	0.18	1.3E-50	2	S100A2	Proximal tubule cells
8.5E-101	-0.3004702	0.44	0.524	1.9E-96	2	DUSP1	Proximal tubule cells
4.61E-267	-2.1765911	0.025	0.192	1E-262	2	IGKC	Proximal tubule cells
2.046E-87	-0.3188513	0.64	0.686	4.5E-83	2	FOS	Proximal tubule cells
2.7E-157	-0.3671074	0.474	0.582	6E-153	2	SAT1	Proximal tubule cells
3.58E-122	-0.3160234	0.81	0.834	8E-118	2	ACTB	Proximal tubule cells
2.438E-06	-0.3332643	0.31	0.304	0.05386	2	DEFB1	Proximal tubule cells
3.98E-109	-0.4309634	0.38	0.467	9E-105	2	CD74	Proximal tubule cells
1.13E-282	-0.7848038	0.202	0.388	3E-278	2	HLA-DRA	Proximal tubule cells
1.436E-41	-0.660558	0.814	0.786	3.2E-37	2	FTL	Proximal tubule cells
0	-0.6981121	0.871	0.888	0	2	TMSB4X	Proximal tubule cells
0	-0.767481	0.959	0.95	0	2	B2M	Proximal tubule cells
0	1.0236214	0.514	0.037	0	3	GNLY	Immune/NK cells, T cells, NKT cells
0	1.2321579	0.821	0.112	0	3	CCL5	Immune/NK cells, T cells, NKT cells
0	0.79750303	0.602	0.054	0	3	NKG7	Immune/NK cells, T cells, NKT cells
0	1.08914358	0.608	0.101	0	3	CCL4	Immune/NK cells, T cells, NKT cells
0	0.57987412	0.465	0.044	0	3	GZMA	Immune/NK cells, T cells, NKT cells
0	0.50890067	0.312	0.029	0	3	IFNG	Immune/NK cells, T cells, NKT cells
0	0.45253447	0.394	0.034	0	3	KLRD1	Immune/NK cells, T cells, NKT cells
0	0.38128802	0.281	0.022	0	3	GZMB	Immune/NK cells, T cells, NKT cells
0	0.27822355	0.232	0.015	0	3	GZMH	Immune/NK cells, T cells, NKT cells
0	0.6700466	0.568	0.123	0	3	CD69	Immune/NK cells, T cells, NKT cells
0	0.68474649	0.635	0.152	0	3	CD52	Immune/NK cells, T cells, NKT cells
0	0.26574269	0.253	0.024	0	3	CST7	Immune/NK cells, T cells, NKT cells
0	0.74292462	0.698	0.217	0	3	CXCR4	Immune/NK cells, T cells, NKT cells
0	0.40437923	0.391	0.067	0	3	CD2	Immune/NK cells, T cells, NKT cells
0	0.40374672	0.398	0.071	0	3	CD3D	Immune/NK cells, T cells, NKT cells
0	0.39393998	0.276	0.051	0	3	KLRB1	Immune/NK cells, T cells, NKT cells
0	0.25240445	0.25	0.031	0	3	CD7	Immune/NK cells, T cells, NKT cells
0	0.4781689	0.51	0.123	0	3	HCST	Immune/NK cells, T cells, NKT cells
0	0.39178416	0.301	0.06	0	3	CMC1	Immune/NK cells, T cells, NKT cells
0	0.28259822	0.264	0.044	0	3	TRBC1	Immune/NK cells, T cells, NKT cells
0	0.44802427	0.499	0.138	0	3	PTPRC	Immune/NK cells, T cells, NKT cells
0	0.51385729	0.452	0.161	0	3	RGS1	Immune/NK cells, T cells, NKT cells
0	0.51821074	0.607	0.233	0	3	IL32	Immune/NK cells, T cells, NKT cells
0	0.35380072	0.189	0.054	0	3	CCL4L2	Immune/NK cells, T cells, NKT cells

0	0.61841687	0.733	0.374	0	3	BTG1	Immune/NK cells, T cells, NKT cells
0	0.36158284	0.394	0.118	0	3	PPP2R5C	Immune/NK cells, T cells, NKT cells
0	0.40324021	0.442	0.155	0	3	TNFAIP3	Immune/NK cells, T cells, NKT cells
0	0.41669409	0.293	0.109	0	3	CCL3	Immune/NK cells, T cells, NKT cells
0	0.4360354	0.503	0.217	0	3	ID2	Immune/NK cells, T cells, NKT cells
0	0.39849192	0.669	0.307	0	3	SRGN	Immune/NK cells, T cells, NKT cells
0	0.3077697	0.386	0.143	0	3	NR4A2	Immune/NK cells, T cells, NKT cells
0	0.7691215	1	0.947	0	3	B2M	Immune/NK cells, T cells, NKT cells
0	0.48412311	0.722	0.448	0	3	PABPC1	Immune/NK cells, T cells, NKT cells
2.01E-301	0.2928549	0.224	0.087	4E-297	3	AREG	Immune/NK cells, T cells, NKT cells
0	0.35989565	0.572	0.283	0	3	S100A4	Immune/NK cells, T cells, NKT cells
0	0.37748711	0.586	0.319	0	3	SH3BGRL	Immune/NK cells, T cells, NKT cells
0	0.3611378	0.515	0.282	0	3	ZFP36L2	Immune/NK cells, T cells, NKT cells
0	0.32209365	0.471	0.257	0	3	TSC22D3	Immune/NK cells, T cells, NKT cells
0	0.44741514	0.815	0.625	0	3	H3F3B	Immune/NK cells, T cells, NKT cells
0	0.45734232	0.856	0.683	0	3	RPS26	Immune/NK cells, T cells, NKT cells
0	0.48929778	0.999	0.879	0	3	TMSB4X	Immune/NK cells, T cells, NKT cells
0	0.51283326	0.998	0.968	0	3	RPS27	Immune/NK cells, T cells, NKT cells
0	0.36399837	0.663	0.463	0	3	PFN1	Immune/NK cells, T cells, NKT cells
0	0.39820123	0.928	0.793	0	3	RPL28	Immune/NK cells, T cells, NKT cells
0	0.39535786	0.816	0.704	0	3	HSP90AA	Immune/NK cells, T cells, NKT cells
0	0.3953987	0.944	0.824	0	3	RPLP2	Immune/NK cells, T cells, NKT cells
0	0.44112041	1	0.999	0	3	MALAT1	Immune/NK cells, T cells, NKT cells
1.29E-284	0.2983948	0.56	0.387	3E-280	3	MYL12A	Immune/NK cells, T cells, NKT cells
0	0.36934411	0.938	0.816	0	3	RPS15A	Immune/NK cells, T cells, NKT cells
0	0.39319546	0.99	0.938	0	3	RPL39	Immune/NK cells, T cells, NKT cells
0	0.33690421	0.879	0.744	0	3	RPL18A	Immune/NK cells, T cells, NKT cells
1.05E-180	0.27171526	0.459	0.316	2E-176	3	DNAJB1	Immune/NK cells, T cells, NKT cells
0	0.3210009	0.783	0.646	0	3	RPS3	Immune/NK cells, T cells, NKT cells
0	0.36023507	0.979	0.909	0	3	RPL13A	Immune/NK cells, T cells, NKT cells
1.01E-242	0.27752442	0.59	0.446	2E-238	3	DDX5	Immune/NK cells, T cells, NKT cells
0	0.34242606	0.993	0.945	0	3	RPL21	Immune/NK cells, T cells, NKT cells
0	0.3222496	0.977	0.924	0	3	RPS29	Immune/NK cells, T cells, NKT cells
0	0.29945184	0.83	0.73	0	3	RPL27A	Immune/NK cells, T cells, NKT cells
0	0.30548231	0.979	0.916	0	3	RPL13	Immune/NK cells, T cells, NKT cells
3.97E-207	0.26029869	0.614	0.496	9E-203	3	EEF1D	Immune/NK cells, T cells, NKT cells
0	0.28354591	0.98	0.91	0	3	RPL10	Immune/NK cells, T cells, NKT cells
0	0.27984211	0.961	0.891	0	3	RPS15	Immune/NK cells, T cells, NKT cells
0	0.26070414	0.97	0.889	0	3	RPS19	Immune/NK cells, T cells, NKT cells
0	0.26740799	0.976	0.918	0	3	RPLP1	Immune/NK cells, T cells, NKT cells
1.8E-155	-0.2688553	0.002	0.102	4E-151	3	FXYD4	Immune/NK cells, T cells, NKT cells
4.67E-179	-0.2511934	0.004	0.118	1E-174	3	TMEM52E	Immune/NK cells, T cells, NKT cells
1.2E-158	-0.2533885	0.004	0.107	3E-154	3	SLC12A1	Immune/NK cells, T cells, NKT cells
1.47E-255	-0.3544208	0.012	0.174	3E-251	3	CXCL14	Immune/NK cells, T cells, NKT cells
0	-0.2537967	0.025	0.254	0	3	WBP5	Immune/NK cells, T cells, NKT cells
2.15E-257	-0.2808256	0.018	0.184	5E-253	3	TIMP3	Immune/NK cells, T cells, NKT cells
1.19E-137	-0.2936868	0.01	0.105	3E-133	3	MT1H	Immune/NK cells, T cells, NKT cells
1.94E-241	-0.3680783	0.013	0.168	4E-237	3	MMP7	Immune/NK cells, T cells, NKT cells

0	-0.3190746	0.028	0.307	0	3	APP	Immune/NK cells, T cells, NKT cells
0	-0.3777044	0.028	0.323	0	3	CD9	Immune/NK cells, T cells, NKT cells
0	-0.3056846	0.036	0.301	0	3	NGFRAP1	Immune/NK cells, T cells, NKT cells
0	-0.4435936	0.02	0.229	0	3	CRYAB	Immune/NK cells, T cells, NKT cells
0	-0.5433937	0.026	0.364	0	3	CD24	Immune/NK cells, T cells, NKT cells
7.57E-250	-0.524089	0.013	0.173	2E-245	3	IGFBP5	Immune/NK cells, T cells, NKT cells
7.73E-275	-0.5685808	0.014	0.186	2E-270	3	S100A2	Immune/NK cells, T cells, NKT cells
0	-0.6002796	0.026	0.342	0	3	FXYD2	Immune/NK cells, T cells, NKT cells
0	-0.4156378	0.029	0.259	0	3	HES1	Immune/NK cells, T cells, NKT cells
1.72E-268	-0.3174452	0.031	0.21	4E-264	3	GPX3	Immune/NK cells, T cells, NKT cells
8.2E-227	-0.2657429	0.034	0.192	2E-222	3	CALD1	Immune/NK cells, T cells, NKT cells
0	-0.2775325	0.049	0.282	0	3	CD59	Immune/NK cells, T cells, NKT cells
0	-0.8317531	0.019	0.323	0	3	DEFB1	Immune/NK cells, T cells, NKT cells
5.46E-200	-0.2721596	0.043	0.19	1E-195	3	SPARC	Immune/NK cells, T cells, NKT cells
1.24E-186	-0.2718791	0.045	0.186	3E-182	3	IFI27	Immune/NK cells, T cells, NKT cells
0	-0.4160277	0.044	0.249	0	3	MT1E	Immune/NK cells, T cells, NKT cells
0	-0.9900064	0.031	0.404	0	3	ATP1B1	Immune/NK cells, T cells, NKT cells
9.21E-142	-0.2962118	0.04	0.153	2E-137	3	CXCL2	Immune/NK cells, T cells, NKT cells
0	-0.3220187	0.093	0.379	0	3	LAPTM4A	Immune/NK cells, T cells, NKT cells
7.86E-256	-0.2630809	0.082	0.272	2E-251	3	ATP1A1	Immune/NK cells, T cells, NKT cells
1.36E-187	-0.4010581	0.035	0.172	3E-183	3	MGP	Immune/NK cells, T cells, NKT cells
0	-0.2925228	0.096	0.336	0	3	RHOB	Immune/NK cells, T cells, NKT cells
0	-0.6096003	0.044	0.308	0	3	CLU	Immune/NK cells, T cells, NKT cells
0	-0.8240394	0.033	0.31	0	3	WFDC2	Immune/NK cells, T cells, NKT cells
0	-0.750358	0.038	0.319	0	3	ADIRF	Immune/NK cells, T cells, NKT cells
1.53E-109	-0.282291	0.047	0.142	3E-105	3	SPARCL1	Immune/NK cells, T cells, NKT cells
3.51E-117	-0.3111902	0.045	0.144	8E-113	3	CTGF	Immune/NK cells, T cells, NKT cells
0	-0.3653771	0.095	0.353	0	3	PSAP	Immune/NK cells, T cells, NKT cells
0	-0.3429689	0.097	0.329	0	3	NPC2	Immune/NK cells, T cells, NKT cells
8.09E-230	-0.2640477	0.138	0.331	2E-225	3	GPX1	Immune/NK cells, T cells, NKT cells
3.43E-298	-0.2800129	0.16	0.394	8E-294	3	GSTP1	Immune/NK cells, T cells, NKT cells
0	-0.5324315	0.096	0.449	0	3	CST3	Immune/NK cells, T cells, NKT cells
6.73E-167	-0.3749528	0.061	0.197	1E-162	3	APOE	Immune/NK cells, T cells, NKT cells
3E-274	-0.2513237	0.212	0.445	7E-270	3	UQCRQ	Immune/NK cells, T cells, NKT cells
0	-0.2901139	0.185	0.439	0	3	CD63	Immune/NK cells, T cells, NKT cells
0	-0.4631072	0.11	0.411	0	3	IFITM3	Immune/NK cells, T cells, NKT cells
7.63E-119	-0.2871606	0.09	0.202	2E-114	3	AIF1	Immune/NK cells, T cells, NKT cells
5.09E-228	-0.3069766	0.15	0.343	1E-223	3	CTSD	Immune/NK cells, T cells, NKT cells
5.73E-163	-0.3543294	0.09	0.235	1E-158	3	TIMP1	Immune/NK cells, T cells, NKT cells
0	-0.3797616	0.161	0.441	0	3	DSTN	Immune/NK cells, T cells, NKT cells
0	-0.8284198	0.086	0.506	0	3	IGFBP7	Immune/NK cells, T cells, NKT cells
5.95E-113	-0.3869497	0.059	0.161	1E-108	3	LYZ	Immune/NK cells, T cells, NKT cells
0	-0.3484707	0.196	0.468	0	3	S100A11	Immune/NK cells, T cells, NKT cells
0	-0.5662574	0.119	0.458	0	3	HSPB1	Immune/NK cells, T cells, NKT cells
1.514E-84	-0.2609468	0.144	0.241	3.3E-80	3	HLA-DPB1	Immune/NK cells, T cells, NKT cells
0	-0.9625573	0.043	0.254	0	3	MT1G	Immune/NK cells, T cells, NKT cells
0	-0.3202483	0.283	0.55	0	3	NDUFA4	Immune/NK cells, T cells, NKT cells
3.56E-266	-0.3489182	0.195	0.412	8E-262	3	EGR1	Immune/NK cells, T cells, NKT cells

2.97E-185	-0.3456599	0.409	0.585	7E-181	3	SAT1	Immune/NK cells, T cells, NKT cells
3.5E-150	-0.518158	0.143	0.285	8E-146	3	MT1X	Immune/NK cells, T cells, NKT cells
0	-0.5159435	0.345	0.684	0	3	ITM2B	Immune/NK cells, T cells, NKT cells
4.68E-229	-0.305917	0.904	0.926	1E-224	3	MT-ND5	Immune/NK cells, T cells, NKT cells
4.37E-227	-0.5155349	0.292	0.472	1E-222	3	CD74	Immune/NK cells, T cells, NKT cells
0	-1.3069719	0.1	0.399	0	3	SPP1	Immune/NK cells, T cells, NKT cells
0	-0.3719503	0.984	0.992	0	3	MT-CYB	Immune/NK cells, T cells, NKT cells
0	-0.3885392	0.991	0.995	0	3	MT-ND2	Immune/NK cells, T cells, NKT cells
0	-0.4564607	0.688	0.808	0	3	FTH1	Immune/NK cells, T cells, NKT cells
0	-0.4620661	0.72	0.81	0	3	MT-ND4L	Immune/NK cells, T cells, NKT cells
5.19E-134	-0.6217667	0.26	0.384	1E-129	3	HLA-DRA	Immune/NK cells, T cells, NKT cells
5.96E-238	-0.6671191	0.339	0.524	1E-233	3	MT2A	Immune/NK cells, T cells, NKT cells
0	-0.6553792	0.496	0.72	0	3	S100A6	Immune/NK cells, T cells, NKT cells
0	-0.4658828	0.987	0.994	0	3	MT-ATP6	Immune/NK cells, T cells, NKT cells
0	-0.4830154	1	0.999	0	3	MT-ND4	Immune/NK cells, T cells, NKT cells
1.727E-32	-0.5091234	0.781	0.788	3.8E-28	3	FTL	Immune/NK cells, T cells, NKT cells
0	-0.5051578	1	1	0	3	MT-CO2	Immune/NK cells, T cells, NKT cells
0	-0.5264096	0.998	0.999	0	3	MT-ND3	Immune/NK cells, T cells, NKT cells
0	-0.5434572	1	1	0	3	MT-CO1	Immune/NK cells, T cells, NKT cells
0	-0.6309964	0.932	0.966	0	3	MT-ND1	Immune/NK cells, T cells, NKT cells
0	-0.6821074	1	1	0	3	MT-CO3	Immune/NK cells, T cells, NKT cells
1.044E-47	-0.5453173	0.136	0.08	2.3E-43	3	IGHG3	Immune/NK cells, T cells, NKT cells
4.33E-194	-1.1826829	0.18	0.074	1E-189	3	IGLC3	Immune/NK cells, T cells, NKT cells
1.9E-223	-1.3393713	0.203	0.083	4E-219	3	IGLC2	Immune/NK cells, T cells, NKT cells
0	-1.4717889	0.44	0.164	0	3	IGKC	Immune/NK cells, T cells, NKT cells
0	1.24308996	0.797	0.048	0	4	VWF	Endothelial cells
0	0.78097172	0.486	0.022	0	4	ACKR1	Endothelial cells
0	0.49155473	0.302	0.01	0	4	SELE	Endothelial cells
0	1.27393354	0.796	0.094	0	4	SPARCL1	Endothelial cells
0	0.2868842	0.278	0.009	0	4	IL33	Endothelial cells
0	0.51079324	0.45	0.026	0	4	COL15A1	Endothelial cells
0	0.81237852	0.73	0.069	0	4	HSPG2	Endothelial cells
0	0.79564635	0.62	0.058	0	4	CAV1	Endothelial cells
0	0.60680967	0.452	0.034	0	4	EDN1	Endothelial cells
0	1.14718265	0.696	0.102	0	4	CTGF	Endothelial cells
0	0.37237885	0.368	0.022	0	4	NUAK1	Endothelial cells
0	0.35278734	0.365	0.021	0	4	PALMD	Endothelial cells
0	0.31942179	0.344	0.021	0	4	ECSCR.1	Endothelial cells
0	0.70092886	0.644	0.087	0	4	TM4SF1	Endothelial cells
0	0.26685998	0.172	0.009	0	4	APLN	Endothelial cells
0	0.83777438	0.721	0.12	0	4	GNG11	Endothelial cells
0	0.45383549	0.352	0.037	0	4	CLDN5	Endothelial cells
0	0.83285705	0.736	0.145	0	4	SPARC	Endothelial cells
0	0.35669428	0.373	0.035	0	4	ADGRL4	Endothelial cells
0	0.47535849	0.508	0.064	0	4	PECAM1	Endothelial cells
0	0.58527943	0.52	0.083	0	4	CYR61	Endothelial cells
0	0.4693849	0.505	0.065	0	4	ENG	Endothelial cells
0	0.42226778	0.45	0.053	0	4	CD93	Endothelial cells

0	0.56176133	0.599	0.096	0	4	TCF4	Endothelial cells
0	0.27927376	0.238	0.019	0	4	ANGPT2	Endothelial cells
0	0.80623116	0.569	0.137	0	4	MGP	Endothelial cells
0	0.27648607	0.287	0.025	0	4	PLVAP	Endothelial cells
0	0.35468752	0.381	0.043	0	4	PCAT19	Endothelial cells
0	0.47955295	0.431	0.066	0	4	COL4A1	Endothelial cells
0	0.3262385	0.356	0.039	0	4	CALCRL	Endothelial cells
0	0.281183	0.312	0.03	0	4	CD34	Endothelial cells
0	0.77075809	0.775	0.218	0	4	FKBP1A	Endothelial cells
0	0.61486863	0.646	0.147	0	4	IFI27	Endothelial cells
0	0.50874261	0.541	0.104	0	4	A2M	Endothelial cells
0	0.33508205	0.361	0.049	0	4	PDLIM1	Endothelial cells
0	0.26565697	0.284	0.031	0	4	TM4SF18	Endothelial cells
0	0.29377616	0.156	0.019	0	4	ESM1	Endothelial cells
0	0.39431434	0.414	0.068	0	4	FN1	Endothelial cells
0	0.3313828	0.339	0.048	0	4	RAMP2	Endothelial cells
0	0.36208226	0.397	0.063	0	4	EGFL7	Endothelial cells
0	0.3901858	0.455	0.089	0	4	CCDC85B	Endothelial cells
0	0.33408271	0.34	0.057	0	4	COL4A2	Endothelial cells
0	0.31579618	0.338	0.055	0	4	PRSS23	Endothelial cells
0	0.76919635	0.845	0.336	0	4	VIM	Endothelial cells
0	0.34753392	0.422	0.077	0	4	PTRF	Endothelial cells
0	0.3877746	0.43	0.088	0	4	PRCP	Endothelial cells
0	0.25938673	0.279	0.04	0	4	RAMP3	Endothelial cells
0	0.46888985	0.443	0.115	0	4	THBS1	Endothelial cells
0	0.43891939	0.495	0.122	0	4	CRIM1	Endothelial cells
0	0.36982396	0.396	0.088	0	4	SPRY1	Endothelial cells
0	0.65840752	0.827	0.364	0	4	IFITM3	Endothelial cells
0	0.45230736	0.301	0.092	0	4	CCL2	Endothelial cells
0	0.34123565	0.399	0.094	0	4	ID3	Endothelial cells
0	0.50911583	0.348	0.133	0	4	CXCL2	Endothelial cells
0	0.49744661	0.643	0.244	0	4	CD59	Endothelial cells
0	0.29074966	0.37	0.086	0	4	NFIB	Endothelial cells
0	0.28120094	0.386	0.093	0	4	EPAS1	Endothelial cells
0	0.32939829	0.471	0.138	0	4	MYH9	Endothelial cells
0	0.32082703	0.322	0.094	0	4	FABP5	Endothelial cells
0	0.5319407	0.744	0.375	0	4	MYL12A	Endothelial cells
0	0.56408824	0.838	0.457	0	4	IGFBP7	Endothelial cells
0	0.27443224	0.363	0.097	0	4	MGST2	Endothelial cells
0	0.3207743	0.49	0.156	0	4	VAMP5	Endothelial cells
0	0.32950633	0.306	0.101	0	4	RGCC	Endothelial cells
0	0.28051018	0.341	0.099	0	4	ID1	Endothelial cells
0	0.59000513	0.561	0.355	0	4	LGALS1	Endothelial cells
0	0.26698454	0.392	0.117	0	4	TGFBR2	Endothelial cells
0	0.2523086	0.333	0.105	0	4	DUSP23	Endothelial cells
0	0.28286296	0.398	0.142	0	4	CRIP2	Endothelial cells
0	0.39882102	0.634	0.332	0	4	MYL12B	Endothelial cells
0	0.57087518	0.945	0.793	0	4	TPT1	Endothelial cells

0	0.29634335	0.548	0.249	0	4	IFITM2	Endothelial cells
0	0.26779412	0.397	0.167	0	4	SOCS3	Endothelial cells
0	0.49235367	0.887	0.689	0	4	RPS2	Endothelial cells
0	0.38156507	0.684	0.415	0	4	POLR2L	Endothelial cells
0	0.55338303	0.993	0.88	0	4	TMSB4X	Endothelial cells
0	0.27168691	0.448	0.195	0	4	YBX3	Endothelial cells
0	0.571311	0.979	0.92	0	4	RPS18	Endothelial cells
0	0.55444707	0.972	0.889	0	4	RPS19	Endothelial cells
0	0.46054964	0.879	0.725	0	4	RPL3	Endothelial cells
0	0.46099969	0.89	0.746	0	4	RPL7	Endothelial cells
0	0.48921852	0.94	0.844	0	4	RPS6	Endothelial cells
0	0.4072304	0.856	0.641	0	4	RPS3	Endothelial cells
0	0.34139774	0.673	0.423	0	4	RPS27L	Endothelial cells
0	0.25565144	0.468	0.221	0	4	ANXA2	Endothelial cells
9.98E-253	0.34616795	0.524	0.347	2E-248	4	CALM1	Endothelial cells
0	0.45342144	0.941	0.83	0	4	RPL26	Endothelial cells
0	0.42440107	0.887	0.747	0	4	RPS3A	Endothelial cells
0	0.30259472	0.614	0.369	0	4	RPLP0	Endothelial cells
0	0.34104321	0.729	0.511	0	4	ACTG1	Endothelial cells
3.35E-302	0.29137902	0.503	0.302	7E-298	4	NPC2	Endothelial cells
0	0.4641072	0.992	0.978	0	4	RPL34	Endothelial cells
0	0.4474864	0.979	0.939	0	4	RPL39	Endothelial cells
0	0.40459697	0.981	0.851	0	4	TMSB10	Endothelial cells
0	0.26630018	0.574	0.33	0	4	BTF3	Endothelial cells
0	0.33402182	0.717	0.533	0	4	MYL6	Endothelial cells
0	0.41340731	0.972	0.898	0	4	RPL32	Endothelial cells
0	0.40803814	0.974	0.91	0	4	RPL10	Endothelial cells
0	0.40025103	0.959	0.884	0	4	RPS28	Endothelial cells
0	0.35075264	0.91	0.742	0	4	RPL18A	Endothelial cells
0	0.32890073	0.86	0.682	0	4	RPS26	Endothelial cells
0	0.33076991	0.867	0.7	0	4	RPS13	Endothelial cells
0	0.36561528	0.981	0.916	0	4	RPL13	Endothelial cells
0	0.31391307	0.832	0.675	0	4	RPL15	Endothelial cells
0	0.30389954	0.862	0.688	0	4	RPS17	Endothelial cells
0	0.35625501	0.976	0.929	0	4	EEF1A1	Endothelial cells
0	0.32782445	0.932	0.817	0	4	RPS15A	Endothelial cells
0	0.31068896	0.891	0.743	0	4	RPS24	Endothelial cells
0	0.28655388	0.82	0.643	0	4	RPS9	Endothelial cells
0	0.32131478	0.923	0.823	0	4	RPS23	Endothelial cells
0	0.28314117	0.845	0.683	0	4	RPL9	Endothelial cells
0	0.25485964	0.742	0.543	0	4	RPS7	Endothelial cells
0	0.31398401	0.944	0.852	0	4	RPS12	Endothelial cells
0	0.32421862	0.978	0.918	0	4	RPLP1	Endothelial cells
0	0.30708755	0.904	0.804	0	4	RPL12	Endothelial cells
3.66E-299	0.2528001	0.74	0.545	8E-295	4	RPL29	Endothelial cells
0	0.30571874	0.943	0.851	0	4	RPL36	Endothelial cells
0	0.30097752	0.955	0.875	0	4	RPS14	Endothelial cells
0	0.30629574	0.981	0.936	0	4	PTMA	Endothelial cells

0	0.30358372	0.961	0.915	0	4	RPS27A	Endothelial cells
0	0.28261015	0.956	0.891	0	4	RPS15	Endothelial cells
4.99E-202	0.26226771	0.815	0.708	1E-197	4	RPS4X	Endothelial cells
1.45E-285	0.27509171	0.921	0.855	3E-281	4	RPS8	Endothelial cells
0	0.25726903	0.909	0.794	0	4	RPL28	Endothelial cells
0	0.28875356	0.973	0.966	0	4	RPL41	Endothelial cells
0	0.25601614	0.961	0.91	0	4	RPL13A	Endothelial cells
1.46E-145	-0.2660018	0.004	0.101	3E-141	4	FXYD4	Endothelial cells
3.89E-172	-0.2504261	0.005	0.118	9E-168	4	TMEM52E	Endothelial cells
7.04E-255	-0.359313	0.011	0.174	2E-250	4	CXCL14	Endothelial cells
1.16E-139	-0.2978971	0.009	0.105	3E-135	4	MT1H	Endothelial cells
1.63E-226	-0.3572501	0.017	0.168	4E-222	4	MMP7	Endothelial cells
0	-0.5394126	0.03	0.364	0	4	CD24	Endothelial cells
0	-0.6002594	0.029	0.341	0	4	FXYD2	Endothelial cells
9.31E-300	-0.4223445	0.032	0.228	2E-295	4	CRYAB	Endothelial cells
0	-0.8116757	0.027	0.322	0	4	DEFB1	Endothelial cells
7.9E-240	-0.5490103	0.024	0.185	2E-235	4	S100A2	Endothelial cells
2.47E-133	-0.2658463	0.054	0.166	5E-129	4	FCER1G	Endothelial cells
7.47E-154	-0.2789758	0.075	0.207	2E-149	4	GPX3	Endothelial cells
5.78E-193	-0.400407	0.051	0.198	1E-188	4	APOE	Endothelial cells
9.49E-185	-0.3461836	0.061	0.204	2E-180	4	AIF1	Endothelial cells
0	-0.973608	0.045	0.403	0	4	ATP1B1	Endothelial cells
1.85E-217	-0.3680197	0.077	0.247	4E-213	4	MT1E	Endothelial cells
4.163E-71	-0.2734955	0.053	0.125	9.2E-67	4	CCL3	Endothelial cells
2.34E-158	-0.3329221	0.073	0.203	5E-154	4	TYROBP	Endothelial cells
0	-0.7733277	0.049	0.309	0	4	WFDC2	Endothelial cells
0	-1.0082145	0.032	0.254	0	4	MT1G	Endothelial cells
4.13E-163	-0.2770719	0.155	0.31	9E-159	4	S100A4	Endothelial cells
1.41E-271	-0.3503217	0.138	0.344	3E-267	4	CTSD	Endothelial cells
7.42E-119	-0.4036087	0.057	0.161	2E-114	4	LYZ	Endothelial cells
6.926E-41	-0.2603464	0.068	0.119	1.5E-36	4	C1QA	Endothelial cells
1.13E-134	-0.255511	0.208	0.346	3E-130	4	PSAP	Endothelial cells
0	-0.3309655	0.215	0.459	0	4	TXNIP	Endothelial cells
2.63E-107	-0.414803	0.067	0.169	6E-103	4	IGFBP5	Endothelial cells
2.63E-273	-0.3481789	0.188	0.393	6E-269	4	CYBA	Endothelial cells
1.91E-236	-0.5668607	0.104	0.287	4E-232	4	MT1X	Endothelial cells
0	-0.2691986	1	1	0	4	MT-CO2	Endothelial cells
1.19E-240	-0.4252161	0.414	0.585	3E-236	4	SAT1	Endothelial cells
0	-0.3048213	1	0.999	0	4	MT-ND4	Endothelial cells
6.61E-266	-0.3216472	0.899	0.926	1E-261	4	MT-ND5	Endothelial cells
0	-0.3132029	0.997	0.994	0	4	MT-ATP6	Endothelial cells
2.49E-79	-0.4222835	0.421	0.518	5.5E-75	4	MT2A	Endothelial cells
0	-0.3523809	0.997	0.995	0	4	MT-ND2	Endothelial cells
0	-0.3575502	1	1	0	4	MT-CO1	Endothelial cells
0	-1.2045638	0.127	0.397	0	4	SPP1	Endothelial cells
5.48E-229	-0.4263393	0.756	0.804	1E-224	4	FTH1	Endothelial cells
0	-0.5490082	0.644	0.815	0	4	MT-ND4L	Endothelial cells
0	-0.4449964	1	1	0	4	MT-CO3	Endothelial cells

0	-0.4706189	0.999	0.999	0	4	MT-ND3	Endothelial cells
0	-0.5109134	0.951	0.965	0	4	MT-ND1	Endothelial cells
6.881E-70	-0.6424978	0.789	0.787	1.5E-65	4	FTL	Endothelial cells
5.111E-14	-1.2880197	0.107	0.079	1.1E-09	4	IGLC3	Endothelial cells
2.333E-13	-1.4691255	0.118	0.088	5.2E-09	4	IGLC2	Endothelial cells
1.61E-34	-1.7768793	0.25	0.176	3.6E-30	4	IGKC	Endothelial cells
0	1.2988011	0.541	0.037	0	5	S100A8	Immune/classical monocytes, DC
0	0.77529844	0.456	0.029	0	5	IL1B	Immune/classical monocytes, DC
0	1.03210169	0.58	0.063	0	5	S100A9	Immune/classical monocytes, DC
0	1.3199107	0.796	0.116	0	5	LYZ	Immune/classical monocytes, DC
0	0.34345819	0.306	0.013	0	5	FCN1	Immune/classical monocytes, DC
0	0.75152774	0.614	0.074	0	5	LST1	Immune/classical monocytes, DC
0	0.7501729	0.555	0.07	0	5	RP11-114	Immune/classical monocytes, DC
0	0.49223128	0.367	0.033	0	5	BCL2A1	Immune/classical monocytes, DC
0	0.30807134	0.168	0.01	0	5	EREG	Immune/classical monocytes, DC
0	0.25441654	0.206	0.011	0	5	LINC0127	Immune/classical monocytes, DC
0	0.96055	0.789	0.16	0	5	AIF1	Immune/classical monocytes, DC
0	0.91719826	0.809	0.158	0	5	TYROBP	Immune/classical monocytes, DC
0	0.82617617	0.712	0.126	0	5	FCER1G	Immune/classical monocytes, DC
0	0.70639766	0.667	0.122	0	5	CTSS	Immune/classical monocytes, DC
0	0.49045583	0.436	0.056	0	5	MNDA	Immune/classical monocytes, DC
0	0.60517504	0.342	0.056	0	5	CXCL8	Immune/classical monocytes, DC
0	0.72695054	0.654	0.145	0	5	NAMPT	Immune/classical monocytes, DC
0	0.83886793	0.392	0.104	0	5	CCL3	Immune/classical monocytes, DC
0	0.29671326	0.296	0.028	0	5	CSTA	Immune/classical monocytes, DC
0	0.42204692	0.327	0.045	0	5	VCAN	Immune/classical monocytes, DC
0	0.89798607	0.828	0.299	0	5	SRGN	Immune/classical monocytes, DC
0	0.67380842	0.438	0.129	0	5	CXCL2	Immune/classical monocytes, DC
0	0.79382336	0.758	0.273	0	5	S100A4	Immune/classical monocytes, DC
0	0.46409761	0.267	0.058	0	5	CXCL3	Immune/classical monocytes, DC
0	0.28479371	0.277	0.037	0	5	PLAUR	Immune/classical monocytes, DC
0	0.32163029	0.334	0.052	0	5	CYBB	Immune/classical monocytes, DC
0	0.82066165	0.859	0.347	0	5	HLA-DRA	Immune/classical monocytes, DC
0	0.40419543	0.229	0.047	0	5	CCL3L3	Immune/classical monocytes, DC
0	0.48252656	0.454	0.113	0	5	RGS2	Immune/classical monocytes, DC
0	0.48832119	0.535	0.136	0	5	COTL1	Immune/classical monocytes, DC
0	0.34536406	0.362	0.072	0	5	CD83	Immune/classical monocytes, DC
0	0.30129864	0.332	0.058	0	5	C1orf162	Immune/classical monocytes, DC
0	0.72143282	0.654	0.277	0	5	NFKBIA	Immune/classical monocytes, DC
0	0.29556292	0.307	0.054	0	5	PLEK	Immune/classical monocytes, DC
0	0.29813438	0.302	0.054	0	5	MS4A7	Immune/classical monocytes, DC
0	0.26482321	0.275	0.046	0	5	FAM26F	Immune/classical monocytes, DC
0	0.37497984	0.396	0.094	0	5	MAFB	Immune/classical monocytes, DC
0	0.88052987	0.886	0.496	0	5	DUSP1	Immune/classical monocytes, DC
0	0.3553528	0.38	0.088	0	5	MS4A6A	Immune/classical monocytes, DC
0	0.89883039	0.926	0.553	0	5	SAT1	Immune/classical monocytes, DC
0	0.2834232	0.298	0.058	0	5	FCGR3A	Immune/classical monocytes, DC
0	0.5180618	0.556	0.212	0	5	SOD2	Immune/classical monocytes, DC

0	0.5180618	0.556	0.212	0	5	SOD2	Immune/classical monocytes, DC
0	0.57763172	0.718	0.313	0	5	SH3BGRL	Immune/classical monocytes, DC
0	0.42244902	0.436	0.141	0	5	NR4A2	Immune/classical monocytes, DC
0	0.30626277	0.366	0.086	0	5	LCP1	Immune/classical monocytes, DC
0	0.44168804	0.456	0.155	0	5	TNFAIP3	Immune/classical monocytes, DC
0	0.92172479	0.981	0.776	0	5	FTL	Immune/classical monocytes, DC
0	0.57238336	0.716	0.36	0	5	ZFP36	Immune/classical monocytes, DC
0	0.82036021	0.923	0.669	0	5	FOS	Immune/classical monocytes, DC
0	0.28705013	0.352	0.091	0	5	ZEB2	Immune/classical monocytes, DC
0	0.88138644	0.975	0.791	0	5	FTH1	Immune/classical monocytes, DC
0	0.30043362	0.363	0.101	0	5	FGL2	Immune/classical monocytes, DC
0	0.5275006	0.725	0.36	0	5	CYBA	Immune/classical monocytes, DC
0	0.31233912	0.393	0.116	0	5	TYMP	Immune/classical monocytes, DC
0	0.33050739	0.268	0.085	0	5	AREG	Immune/classical monocytes, DC
0	0.29425178	0.193	0.055	0	5	C15orf48	Immune/classical monocytes, DC
0	0.31818229	0.392	0.128	0	5	CEBPB	Immune/classical monocytes, DC
0	0.41341884	0.438	0.187	0	5	IER3	Immune/classical monocytes, DC
0	0.36537297	0.542	0.216	0	5	HLA-DPB1	Immune/classical monocytes, DC
0	0.38746344	0.288	0.123	0	5	CCL4	Immune/classical monocytes, DC
0	0.50053831	0.74	0.409	0	5	CST3	Immune/classical monocytes, DC
0	0.34530861	0.416	0.166	0	5	SOCS3	Immune/classical monocytes, DC
0	0.2784709	0.377	0.122	0	5	FYB	Immune/classical monocytes, DC
0	0.30453873	0.41	0.147	0	5	CTSB	Immune/classical monocytes, DC
0	0.71784004	0.972	0.824	0	5	ACTB	Immune/classical monocytes, DC
0	0.35723616	0.468	0.204	0	5	NFKBIZ	Immune/classical monocytes, DC
0	0.31269616	0.424	0.167	0	5	CD52	Immune/classical monocytes, DC
0	0.28127618	0.344	0.122	0	5	KLF4	Immune/classical monocytes, DC
0	0.38568535	0.712	0.347	0	5	LGALS1	Immune/classical monocytes, DC
0	0.32356745	0.449	0.185	0	5	GLUL	Immune/classical monocytes, DC
0	0.32026987	0.469	0.194	0	5	HLA-DPA1	Immune/classical monocytes, DC
0	0.45586419	0.758	0.448	0	5	PABPC1	Immune/classical monocytes, DC
0	0.2761723	0.351	0.128	0	5	CD44	Immune/classical monocytes, DC
0	0.26957116	0.401	0.146	0	5	PTPRC	Immune/classical monocytes, DC
0	0.32961343	0.473	0.211	0	5	TIMP1	Immune/classical monocytes, DC
0	0.62735361	0.97	0.854	0	5	NEAT1	Immune/classical monocytes, DC
0	0.38673556	0.643	0.36	0	5	OAZ1	Immune/classical monocytes, DC
0	0.25897029	0.365	0.139	0	5	CMTM6	Immune/classical monocytes, DC
0	0.35201828	0.577	0.299	0	5	NPC2	Immune/classical monocytes, DC
0	0.3595288	0.606	0.321	0	5	PSAP	Immune/classical monocytes, DC
0	0.3747203	0.771	0.442	0	5	CD74	Immune/classical monocytes, DC
0	0.34478112	0.559	0.305	0	5	GPX1	Immune/classical monocytes, DC
0	0.44529032	0.802	0.582	0	5	H3F3A	Immune/classical monocytes, DC
0	0.48026458	0.994	0.88	0	5	TMSB4X	Immune/classical monocytes, DC
0	0.41457216	0.813	0.626	0	5	H3F3B	Immune/classical monocytes, DC
0	0.28286155	0.477	0.254	0	5	MCL1	Immune/classical monocytes, DC
1.72E-296	0.36565353	0.651	0.455	4E-292	5	HSPA1A	Immune/classical monocytes, DC
0	0.32277752	0.58	0.358	0	5	FOSB	Immune/classical monocytes, DC
1.09E-275	0.26507783	0.355	0.181	2E-271	5	SGK1	Immune/classical monocytes, DC

0	0.25597168	0.409	0.211	0	5	PNRC1	Immune/classical monocytes, DC
1.32E-256	0.37088935	0.639	0.478	3E-252	5	HSPA1B	Immune/classical monocytes, DC
8.94E-246	0.32654052	0.561	0.392	2E-241	5	ZFP36L1	Immune/classical monocytes, DC
7.79E-254	0.32391104	0.605	0.421	2E-249	5	KLF6	Immune/classical monocytes, DC
0	0.31124632	0.677	0.463	0	5	PFN1	Immune/classical monocytes, DC
0	0.2737323	0.585	0.353	0	5	VIM	Immune/classical monocytes, DC
0	0.42942987	0.993	0.948	0	5	B2M	Immune/classical monocytes, DC
0	0.41293742	0.992	0.938	0	5	RPL39	Immune/classical monocytes, DC
0	0.36510443	0.98	0.852	0	5	TMSB10	Immune/classical monocytes, DC
0	0.30799275	0.774	0.604	0	5	UBA52	Immune/classical monocytes, DC
0	0.31546061	0.798	0.645	0	5	RPS9	Immune/classical monocytes, DC
0	0.30912022	0.78	0.635	0	5	EIF1	Immune/classical monocytes, DC
5.66E-276	0.27662115	0.657	0.481	1E-271	5	PFDN5	Immune/classical monocytes, DC
0	0.32592126	0.918	0.795	0	5	TPT1	Immune/classical monocytes, DC
6.3E-132	0.28117788	0.517	0.392	1E-127	5	EGR1	Immune/classical monocytes, DC
0	0.3066132	0.836	0.703	0	5	RPS13	Immune/classical monocytes, DC
3.12E-234	0.30554327	0.814	0.704	7E-230	5	HSP90AA	Immune/classical monocytes, DC
0	0.3012537	0.92	0.794	0	5	RPL28	Immune/classical monocytes, DC
0	0.28654073	0.868	0.745	0	5	RPS24	Immune/classical monocytes, DC
2.49E-287	0.25666113	0.878	0.773	5E-283	5	ATP5E	Immune/classical monocytes, DC
2.33E-209	-0.2653335	0.028	0.183	5E-205	5	TIMP3	Immune/classical monocytes, DC
0	-0.2946883	0.046	0.3	0	5	NGFRAP1	Immune/classical monocytes, DC
1.26E-202	-0.3347884	0.024	0.172	3E-198	5	CXCL14	Immune/classical monocytes, DC
7.96E-203	-0.2615471	0.036	0.191	2E-198	5	CALD1	Immune/classical monocytes, DC
2.754E-92	-0.2644541	0.023	0.104	6.1E-88	5	MT1H	Immune/classical monocytes, DC
2.11E-169	-0.3107156	0.032	0.166	5E-165	5	MMP7	Immune/classical monocytes, DC
2.43E-271	-0.4056149	0.035	0.227	5E-267	5	CRYAB	Immune/classical monocytes, DC
1.77E-287	-0.2599707	0.068	0.28	4E-283	5	CD59	Immune/classical monocytes, DC
7.48E-304	-0.2582544	0.079	0.303	2E-299	5	APP	Immune/classical monocytes, DC
1.71E-226	-0.542173	0.023	0.184	4E-222	5	S100A2	Immune/classical monocytes, DC
3.34E-167	-0.263631	0.05	0.188	7E-163	5	SPARC	Immune/classical monocytes, DC
0	-0.4886142	0.057	0.361	0	5	CD24	Immune/classical monocytes, DC
0	-0.5598433	0.047	0.339	0	5	FXYD2	Immune/classical monocytes, DC
4.55E-176	-0.283244	0.059	0.208	1E-171	5	GPX3	Immune/classical monocytes, DC
8.39E-273	-0.4023446	0.05	0.248	2E-268	5	MT1E	Immune/classical monocytes, DC
0	-0.3073991	0.084	0.318	0	5	CD9	Immune/classical monocytes, DC
2.235E-98	-0.264059	0.048	0.142	4.9E-94	5	SPARCL1	Immune/classical monocytes, DC
2.58E-167	-0.461876	0.036	0.171	6E-163	5	IGFBP5	Immune/classical monocytes, DC
7.89E-151	-0.3763015	0.044	0.17	2E-146	5	MGP	Immune/classical monocytes, DC
2.165E-96	-0.2856226	0.05	0.144	4.8E-92	5	CTGF	Immune/classical monocytes, DC
0	-0.7707749	0.044	0.32	0	5	DEFB1	Immune/classical monocytes, DC
0	-0.5636526	0.063	0.306	0	5	CLU	Immune/classical monocytes, DC
0	-0.7636344	0.054	0.308	0	5	WFDC2	Immune/classical monocytes, DC
0	-0.4300156	0.141	0.44	0	5	DSTN	Immune/classical monocytes, DC
0	-0.6980896	0.066	0.316	0	5	ADIRF	Immune/classical monocytes, DC
0	-0.7941395	0.105	0.503	0	5	IGFBP7	Immune/classical monocytes, DC
0	-0.4288192	0.197	0.451	0	5	HSPB1	Immune/classical monocytes, DC
0	-0.869769	0.089	0.399	0	5	ATP1B1	Immune/classical monocytes, DC

7.79E-149	-0.4891552	0.137	0.284	2E-144	5	MT1X	Immune/classical monocytes, DC
6.86E-149	-0.2569771	1	0.999	2E-144	5	MALAT1	Immune/classical monocytes, DC
2.76E-206	-0.8631514	0.079	0.25	6E-202	5	MT1G	Immune/classical monocytes, DC
2.52E-223	-0.3565924	0.707	0.811	6E-219	5	MT-ND4L	Immune/classical monocytes, DC
0	-0.3127258	0.99	0.994	0	5	MT-ATP6	Immune/classical monocytes, DC
9.22E-306	-0.3390707	0.856	0.929	2E-301	5	MT-ND5	Immune/classical monocytes, DC
0	-0.3387378	0.978	0.993	0	5	MT-CYB	Immune/classical monocytes, DC
0	-0.3574925	1	1	0	5	MT-CO2	Immune/classical monocytes, DC
0	-0.367585	0.984	0.996	0	5	MT-ND2	Immune/classical monocytes, DC
1.18E-99	-0.4781329	0.402	0.519	2.6E-95	5	MT2A	Immune/classical monocytes, DC
0	-0.3742743	0.999	0.999	0	5	MT-ND4	Immune/classical monocytes, DC
0	-0.3878017	0.934	0.966	0	5	MT-ND1	Immune/classical monocytes, DC
0	-0.4026105	1	1	0	5	MT-CO1	Immune/classical monocytes, DC
0	-0.4162388	1	1	0	5	MT-CO3	Immune/classical monocytes, DC
1.22E-300	-1.0628104	0.166	0.394	3E-296	5	SPP1	Immune/classical monocytes, DC
0	-0.4523476	0.999	0.999	0	5	MT-ND3	Immune/classical monocytes, DC
1.399E-12	-0.5722243	0.112	0.082	3.1E-08	5	IGHG3	Immune/classical monocytes, DC
1.486E-27	-1.2570543	0.12	0.078	3.3E-23	5	IGLC3	Immune/classical monocytes, DC
4.81E-45	-1.3659768	0.143	0.087	1.1E-40	5	IGLC2	Immune/classical monocytes, DC
4.14E-142	-1.6540578	0.316	0.173	9E-138	5	IGKC	Immune/classical monocytes, DC
0	0.44678486	0.179	0.006	0	6	IL1RL1	Endothelial cells
0	1.84175832	0.785	0.13	0	6	IGFBP5	Endothelial cells
0	0.36423441	0.276	0.011	0	6	CRHBP	Endothelial cells
0	0.89418125	0.604	0.066	0	6	EMCN	Endothelial cells
0	0.494256	0.371	0.026	0	6	PLAT	Endothelial cells
0	0.60578072	0.479	0.052	0	6	SLC9A3R2	Endothelial cells
0	0.8979945	0.734	0.148	0	6	IFI27	Endothelial cells
0	0.92492518	0.695	0.146	0	6	TIMP3	Endothelial cells
0	0.50376683	0.442	0.053	0	6	PLPP1	Endothelial cells
0	0.30860916	0.31	0.027	0	6	PTPRB	Endothelial cells
0	0.27891517	0.273	0.022	0	6	MEIS2	Endothelial cells
0	0.37954563	0.345	0.039	0	6	SDPR	Endothelial cells
0	0.55182325	0.527	0.088	0	6	EPAS1	Endothelial cells
0	0.40704326	0.383	0.048	0	6	RAMP2	Endothelial cells
0	0.3156949	0.304	0.03	0	6	FLT1	Endothelial cells
0	0.41930041	0.349	0.05	0	6	PLPP3	Endothelial cells
0	0.29287156	0.286	0.029	0	6	LDB2	Endothelial cells
0	0.59745605	0.522	0.113	0	6	TGFBR2	Endothelial cells
0	0.5164134	0.432	0.089	0	6	SPRY1	Endothelial cells
0	0.37259336	0.397	0.066	0	6	EGFL7	Endothelial cells
0	0.52146445	0.558	0.135	0	6	GNG11	Endothelial cells
0	0.31204595	0.336	0.049	0	6	PCAT19	Endothelial cells
0	0.44064332	0.434	0.104	0	6	TM4SF1	Endothelial cells
0	0.27969702	0.274	0.042	0	6	RAMP3	Endothelial cells
0	0.25749572	0.142	0.021	0	6	ESM1	Endothelial cells
0	0.42499816	0.514	0.126	0	6	RNASE1	Endothelial cells
0	0.7606348	0.789	0.371	0	6	IFITM3	Endothelial cells
0	0.31521966	0.368	0.077	0	6	ADGRF5	Endothelial cells

0	0.33638039	0.279	0.068	0	6	AQP1	Endothelial cells
0	0.37171335	0.457	0.14	0	6	SPTBN1	Endothelial cells
0	0.25014595	0.269	0.056	0	6	SH3BP5	Endothelial cells
0	0.31853147	0.288	0.077	0	6	BEX5	Endothelial cells
0	0.36543422	0.513	0.163	0	6	SPARC	Endothelial cells
0	0.27228613	0.329	0.078	0	6	PECAM1	Endothelial cells
0	0.26053529	0.291	0.067	0	6	PBX1	Endothelial cells
0	0.31430407	0.409	0.116	0	6	A2M	Endothelial cells
0	0.54146685	0.81	0.443	0	6	CD74	Endothelial cells
0	0.45238452	0.6	0.275	0	6	HLA-E	Endothelial cells
0	0.25081522	0.309	0.08	0	6	ENG	Endothelial cells
0	0.31042694	0.459	0.148	0	6	MGP	Endothelial cells
0	0.44378708	0.488	0.233	0	6	HES1	Endothelial cells
0	0.29724787	0.386	0.13	0	6	IL6ST	Endothelial cells
0	0.32570238	0.439	0.163	0	6	VAMP5	Endothelial cells
0	0.26280339	0.331	0.1	0	6	SEC14L1	Endothelial cells
0	0.28016065	0.309	0.103	0	6	ID1	Endothelial cells
0	0.34680568	0.503	0.208	0	6	HLA-DRB1	Endothelial cells
0	0.3509944	0.418	0.189	0	6	TSC22D1	Endothelial cells
0	0.37162089	0.517	0.254	0	6	IFITM2	Endothelial cells
0	0.25941288	0.342	0.119	0	6	BST2	Endothelial cells
0	0.27939054	0.4	0.17	0	6	CNN3	Endothelial cells
0	0.28429045	0.384	0.171	0	6	CALD1	Endothelial cells
0	0.39370594	0.616	0.38	0	6	HLA-C	Endothelial cells
0	0.41712389	0.756	0.511	0	6	HLA-B	Endothelial cells
0	0.31672265	0.524	0.278	0	6	APP	Endothelial cells
8.46E-283	0.38037479	0.71	0.502	2E-278	6	MT2A	Endothelial cells
7.88E-236	0.36167309	0.611	0.448	2E-231	6	HLA-A	Endothelial cells
0	0.30965336	0.997	0.948	0	6	B2M	Endothelial cells
8.94E-177	-0.3041121	0.022	0.166	2E-172	6	FCER1G	Endothelial cells
1.07E-120	-0.3264624	0.02	0.126	2E-116	6	CCL3	Endothelial cells
2.98E-112	-0.3172187	0.021	0.121	7E-108	6	C1QA	Endothelial cells
1.4E-164	-0.3098326	0.041	0.186	3E-160	6	RGS1	Endothelial cells
4.63E-162	-0.4503602	0.025	0.162	1E-157	6	LYZ	Endothelial cells
1.12E-107	-0.2885929	0.034	0.138	2E-103	6	CCL4	Endothelial cells
1.93E-188	-0.3588717	0.043	0.203	4E-184	6	TYROBP	Endothelial cells
1.37E-169	-0.3437866	0.051	0.203	3E-165	6	AIF1	Endothelial cells
3.94E-102	-0.2940266	0.056	0.164	8.7E-98	6	MMP7	Endothelial cells
1.09E-84	-0.2665742	0.07	0.169	2.4E-80	6	CXCL14	Endothelial cells
0	-0.4298157	0.105	0.356	0	6	CD24	Endothelial cells
2.19E-235	-0.3585677	0.133	0.342	5E-231	6	CTSD	Endothelial cells
1.09E-151	-0.2898902	0.162	0.323	2E-147	6	NPC2	Endothelial cells
2.429E-90	-0.3012743	0.111	0.221	5.4E-86	6	CRYAB	Endothelial cells
7.26E-116	-0.4769114	0.062	0.181	2E-111	6	S100A2	Endothelial cells
1.14E-177	-0.3102909	0.212	0.389	3E-173	6	CYBA	Endothelial cells
2.66E-227	-0.3369296	0.228	0.442	6E-223	6	KLF6	Endothelial cells
8.12E-211	-0.4197199	0.14	0.332	2E-206	6	FXYD2	Endothelial cells
3.37E-247	-0.3963236	0.221	0.439	7E-243	6	CST3	Endothelial cells

1.33E-284	-0.7015343	0.09	0.315	3E-280	6	DEFB1	Endothelial cells
2.68E-165	-0.4622137	0.132	0.3	6E-161	6	CLU	Endothelial cells
2.23E-197	-0.6172793	0.119	0.302	5E-193	6	WFDC2	Endothelial cells
1.32E-302	-0.2952522	0.931	0.968	3E-298	6	RPL41	Endothelial cells
5.823E-59	-0.3029075	0.77	0.803	1.3E-54	6	FTH1	Endothelial cells
0	-0.5366603	0.329	0.588	0	6	SAT1	Endothelial cells
1.28E-287	-0.7460523	0.164	0.393	3E-283	6	ATP1B1	Endothelial cells
2.52E-141	-0.34397	0.771	0.835	6E-137	6	ACTB	Endothelial cells
3.35E-208	-0.4280887	0.532	0.691	7E-204	6	FOS	Endothelial cells
2.68E-300	-0.3988665	0.895	0.944	6E-296	6	RPL39	Endothelial cells
5.43E-171	-2.1192833	0.039	0.188	1E-166	6	IGKC	Endothelial cells
0.000103	-0.4781632	0.272	0.239	1	6	MT1G	Endothelial cells
2.35E-188	-1.0393427	0.217	0.389	5E-184	6	SPP1	Endothelial cells
4.39E-139	-0.7796854	0.725	0.791	1E-134	6	FTL	Endothelial cells
0	1.54306648	0.833	0.058	0	7	FXYD4	Principal cells
0	1.14273031	0.696	0.045	0	7	AQP2	Principal cells
0	0.75355247	0.594	0.045	0	7	AQP3	Principal cells
0	0.49296474	0.419	0.048	0	7	STC1	Principal cells
0	0.25063778	0.248	0.019	0	7	PAPPA	Principal cells
0	0.30774358	0.335	0.039	0	7	SMIM22	Principal cells
0	0.50150387	0.515	0.1	0	7	KRT19	Principal cells
0	0.31106597	0.344	0.049	0	7	GATA3	Principal cells
0	0.48404138	0.444	0.107	0	7	TACSTD2	Principal cells
0	0.34996642	0.405	0.072	0	7	HSD11B2	Principal cells
0	0.70330837	0.611	0.227	0	7	HES1	Principal cells
0	0.28877796	0.29	0.048	0	7	ST6GAL1	Principal cells
0	0.68903512	0.864	0.357	0	7	ATP1B1	Principal cells
0	0.39245532	0.429	0.108	0	7	ELF3	Principal cells
0	0.38502496	0.378	0.094	0	7	GDF15	Principal cells
0	0.31343628	0.377	0.078	0	7	CA2	Principal cells
0	0.33646294	0.404	0.093	0	7	NDRG1	Principal cells
0	0.38085566	0.484	0.138	0	7	CDH16	Principal cells
0	0.25573492	0.3	0.063	0	7	PFKFB3	Principal cells
0	0.32549136	0.424	0.119	0	7	EPCAM	Principal cells
0	0.25305429	0.318	0.074	0	7	MECOM	Principal cells
0	0.25281503	0.328	0.079	0	7	SCIN	Principal cells
0	0.44615043	0.754	0.323	0	7	CD24	Principal cells
0	0.27228605	0.367	0.11	0	7	RALBP1	Principal cells
0	0.2702579	0.386	0.119	0	7	CAMK2N1	Principal cells
0	0.33294487	0.692	0.273	0	7	WFDC2	Principal cells
0	0.37146949	0.597	0.269	0	7	NGFRAP1	Principal cells
0	0.29280126	0.443	0.173	0	7	EMX2	Principal cells
0	0.32266994	0.409	0.183	0	7	ATF3	Principal cells
0	0.34125834	0.604	0.29	0	7	CD9	Principal cells
0	0.31305188	0.412	0.183	0	7	SOX4	Principal cells
0	0.29027226	0.444	0.203	0	7	BTG2	Principal cells
0	0.41880271	0.711	0.475	0	7	HSPA1B	Principal cells
0	0.28180565	0.501	0.227	0	7	WBP5	Principal cells

0	0.28834205	0.53	0.265	0	7	MRPL33	Principal cells
2E-259	0.37398922	0.593	0.389	4E-255	7	EGR1	Principal cells
0	0.25852481	0.461	0.213	0	7	ARL6IP1	Principal cells
3.41E-271	0.35120556	0.647	0.426	8E-267	7	HSPB1	Principal cells
0	0.28833683	0.579	0.314	0	7	WSB1	Principal cells
0	0.4118876	0.97	0.796	0	7	MT-ND4L	Principal cells
0	0.25678856	0.533	0.29	0	7	RTN4	Principal cells
4.93E-294	0.29955477	0.626	0.398	1E-289	7	JUND	Principal cells
0	0.27703644	0.622	0.375	0	7	PPDPF	Principal cells
5.57E-183	0.27838339	0.475	0.306	1E-178	7	IER2	Principal cells
0	0.39949416	0.998	0.962	0	7	MT-ND1	Principal cells
2.19E-196	0.27074073	0.65	0.457	5E-192	7	HSPA1A	Principal cells
1.78E-248	0.25992133	0.733	0.524	4E-244	7	NDUFA4	Principal cells
0	0.36270559	1	1	0	7	MT-CO1	Principal cells
3.04E-139	0.27274466	0.65	0.515	7E-135	7	JUN	Principal cells
0	0.31745867	0.988	0.922	0	7	MT-ND5	Principal cells
0	0.33294097	0.999	0.995	0	7	MT-ND2	Principal cells
0	0.32599527	1	1	0	7	MT-CO3	Principal cells
0	0.28126875	1	0.999	0	7	MT-ND4	Principal cells
0	0.26803168	1	1	0	7	MT-CO2	Principal cells
2.01E-305	0.25403328	1	0.991	4E-301	7	MT-CYB	Principal cells
8.62E-250	0.25563592	1	0.999	2E-245	7	MT-ND3	Principal cells
6.75E-123	-0.2625107	0.003	0.104	1E-118	7	C1QB	Principal cells
4.42E-139	-0.3432256	0.007	0.122	1E-134	7	C1QA	Principal cells
1.27E-190	-0.3168213	0.013	0.167	3E-186	7	FCER1G	Principal cells
5.91E-217	-0.2874674	0.018	0.19	1E-212	7	CD52	Principal cells
2.13E-133	-0.3398898	0.012	0.126	5E-129	7	CCL3	Principal cells
1.53E-168	-0.3143258	0.02	0.162	3E-164	7	CCL5	Principal cells
2.64E-137	-0.3186695	0.018	0.138	6E-133	7	CCL4	Principal cells
9.46E-226	-0.3932003	0.024	0.204	2E-221	7	TYROBP	Principal cells
1.1E-222	-0.3906317	0.025	0.204	2E-218	7	AIF1	Principal cells
3.32E-186	-0.3337338	0.029	0.187	7E-182	7	RGS1	Principal cells
6.3E-170	-0.2855723	0.037	0.188	1E-165	7	SPARC	Principal cells
1.12E-164	-0.4635659	0.022	0.162	2E-160	7	LYZ	Principal cells
0	-0.5612611	0.039	0.344	0	7	SRGN	Principal cells
4.45E-149	-0.2784093	0.045	0.184	1E-144	7	IFI27	Principal cells
7.98E-250	-0.3504165	0.051	0.256	2E-245	7	CXCR4	Principal cells
1.11E-180	-0.3029593	0.054	0.217	2E-176	7	HLA-DPA1	Principal cells
1.71E-223	-0.3852619	0.055	0.244	4E-219	7	HLA-DPB1	Principal cells
6.54E-204	-0.309258	0.079	0.265	1E-199	7	IL32	Principal cells
0	-0.5161017	0.069	0.382	0	7	VIM	Principal cells
7.37E-93	-0.3139001	0.045	0.143	1.6E-88	7	CTGF	Principal cells
7.135E-85	-0.295238	0.048	0.141	1.6E-80	7	SPARCL1	Principal cells
2.12E-183	-0.4112741	0.064	0.234	5E-179	7	TIMP1	Principal cells
3.46E-211	-0.3141882	0.149	0.345	8E-207	7	SH3BGRL	Principal cells
4.63E-137	-0.2874416	0.153	0.306	1E-132	7	NFKBIA	Principal cells
2.45E-282	-0.3879891	0.157	0.392	5E-278	7	CYBA	Principal cells
2.73E-134	-0.3134048	0.157	0.308	6E-130	7	S100A4	Principal cells

1.95E-173	-0.2507784	0.335	0.512	4E-169	7	EEF1D	Principal cells
1.69E-221	-2.1726748	0.015	0.189	4E-217	7	IGKC	Principal cells
5.42E-149	-0.2630804	0.305	0.464	1E-144	7	HLA-A	Principal cells
1.84E-141	-0.2627301	0.334	0.483	4E-137	7	PFN1	Principal cells
6.638E-64	-0.3398429	0.106	0.193	1.5E-59	7	APOE	Principal cells
9.08E-154	-0.2559803	0.456	0.597	2E-149	7	RPS5	Principal cells
3.244E-31	-0.2594282	0.181	0.239	7.2E-27	7	MT1E	Principal cells
1.8E-196	-0.2825759	0.464	0.621	4E-192	7	UBA52	Principal cells
1.76E-126	-0.3224213	0.262	0.399	4E-122	7	IFITM3	Principal cells
3.4E-152	-0.25083	0.603	0.707	8E-148	7	RPL19	Principal cells
1.88E-236	-0.3060565	0.446	0.624	4E-232	7	RPS16	Principal cells
1.1E-198	-0.2835703	0.567	0.705	2E-194	7	RPS17	Principal cells
1.635E-16	-0.2905052	0.13	0.165	3.6E-12	7	MGP	Principal cells
0	-0.4155402	0.297	0.535	0	7	HLA-B	Principal cells
3.64E-181	-0.2529674	0.769	0.843	8E-177	7	RPL35	Principal cells
5.18E-156	-0.3620015	0.282	0.435	1E-151	7	CST3	Principal cells
8.7E-168	-0.2691301	0.669	0.761	2E-163	7	RPL35A	Principal cells
1.29E-155	-0.2877116	0.551	0.66	3E-151	7	RPS3	Principal cells
1.87E-196	-0.2661575	0.826	0.892	4E-192	7	RPS28	Principal cells
2.58E-178	-0.2780184	0.693	0.777	6E-174	7	RPL23A	Principal cells
2.48E-162	-0.268009	0.749	0.803	5E-158	7	RPL11	Principal cells
1.78E-145	-0.2527804	0.98	0.979	4E-141	7	RPL34	Principal cells
1.43E-227	-0.3308083	0.543	0.701	3E-223	7	RPS26	Principal cells
3.47E-171	-0.2790613	0.749	0.813	8E-167	7	RPL12	Principal cells
5.28E-238	-0.5697675	0.173	0.378	1E-233	7	LGALS1	Principal cells
3.068E-53	-0.2634081	0.828	0.832	6.8E-49	7	ACTB	Principal cells
2.87E-254	-0.334151	0.572	0.717	6E-250	7	RPS13	Principal cells
1.15E-198	-0.2955166	0.777	0.84	3E-194	7	RPL26	Principal cells
1.19E-282	-0.3525837	0.586	0.744	3E-278	7	RPL27A	Principal cells
1.12E-193	-0.2924389	0.901	0.929	2E-189	7	RPS29	Principal cells
0.0091701	-0.3003035	0.158	0.163	1	7	IGFBP5	Principal cells
6.186E-71	-0.4719893	0.18	0.281	1.4E-66	7	MT1X	Principal cells
1.2E-262	-0.365598	0.632	0.762	3E-258	7	RPS3A	Principal cells
3.71E-210	-0.3270938	0.803	0.862	8E-206	7	RPS8	Principal cells
3.55E-257	-0.335194	0.785	0.861	8E-253	7	RPS12	Principal cells
0	-0.3416133	0.829	0.898	0	7	RPS15	Principal cells
0	-0.3750088	0.686	0.808	0	7	TPT1	Principal cells
0	-0.3829868	0.729	0.837	0	7	RPLP2	Principal cells
0	-0.4660997	0.511	0.711	0	7	RPS2	Principal cells
0	-0.6806703	0.233	0.473	0	7	CD74	Principal cells
0	-0.4102023	0.672	0.808	0	7	RPL28	Principal cells
0	-0.3703186	0.847	0.905	0	7	RPL32	Principal cells
0	-0.463495	0.583	0.761	0	7	RPL18A	Principal cells
3.64E-291	-0.3836208	0.873	0.926	8E-287	7	RPS18	Principal cells
2.27E-255	-0.374875	0.965	0.97	5E-251	7	RPS27	Principal cells
0	-0.4030851	0.848	0.916	0	7	RPL13A	Principal cells
1.54E-287	-0.8756251	0.166	0.387	3E-283	7	HLA-DRA	Principal cells
0	-0.3924249	0.914	0.95	0	7	RPL21	Principal cells

0	-0.4622089	0.701	0.83	0	7	RPS15A	Principal cells
0	-0.441076	0.856	0.923	0	7	RPL13	Principal cells
0	-0.4696281	0.839	0.926	0	7	RPLP1	Principal cells
2.56E-210	-0.6813554	0.341	0.521	6E-206	7	MT2A	Principal cells
0	-0.4942018	0.811	0.898	0	7	RPS19	Principal cells
5.09E-276	-0.5099144	0.711	0.806	1E-271	7	FTH1	Principal cells
0	-0.4857822	0.853	0.917	0	7	RPL10	Principal cells
0	-0.4860502	0.911	0.943	0	7	RPL39	Principal cells
1.33E-130	-0.4720087	0.943	0.884	3E-126	7	TMSB4X	Principal cells
0	-0.6506658	0.74	0.865	0	7	TMSB10	Principal cells
1.753E-26	-0.7357945	0.193	0.243	3.9E-22	7	MT1G	Principal cells
7.198E-17	-0.7633179	0.366	0.381	1.6E-12	7	SPP1	Principal cells
0	-1.0392892	0.62	0.796	0	7	FTL	Principal cells
0	-1.1134063	0.879	0.954	0	7	B2M	Principal cells
0	1.37335086	0.539	0.041	0	8	SOD3	Early DCT/TAL
0	2.05346316	0.905	0.142	0	8	S100A2	Early DCT/TAL
0	0.47858282	0.411	0.027	0	8	PAPPA2	Early DCT/TAL
0	0.31330646	0.275	0.012	0	8	CA4	Early DCT/TAL
0	0.60872918	0.419	0.051	0	8	IGFBP6	Early DCT/TAL
0	0.57013193	0.574	0.079	0	8	SLC12A1	Early DCT/TAL
0	1.19997384	0.897	0.266	0	8	WFDC2	Early DCT/TAL
0	0.77512037	0.626	0.121	0	8	PCSK1N	Early DCT/TAL
0	0.45981004	0.43	0.051	0	8	CLDN10	Early DCT/TAL
0	0.38176584	0.369	0.04	0	8	BBOX1	Early DCT/TAL
0	0.30395997	0.276	0.027	0	8	SUCNR1	Early DCT/TAL
0	0.45633103	0.469	0.082	0	8	ACSL4	Early DCT/TAL
0	0.47378336	0.44	0.081	0	8	ITM2C	Early DCT/TAL
0	0.32024749	0.296	0.038	0	8	TSPAN8	Early DCT/TAL
0	0.77121427	0.854	0.279	0	8	DEFB1	Early DCT/TAL
0	0.85120165	0.819	0.3	0	8	FXYD2	Early DCT/TAL
0	0.40710896	0.4	0.071	0	8	ITGB6	Early DCT/TAL
0	0.53214827	0.608	0.152	0	8	MUC1	Early DCT/TAL
0	0.78320921	0.733	0.282	0	8	ADIRF	Early DCT/TAL
0	0.40799289	0.479	0.116	0	8	CAMK2N1	Early DCT/TAL
0	0.32754906	0.4	0.084	0	8	TFCP2L1	Early DCT/TAL
0	0.38035921	0.474	0.118	0	8	MAL	Early DCT/TAL
0	0.51795224	0.518	0.176	0	8	CRIP1	Early DCT/TAL
0	0.25154802	0.288	0.049	0	8	MGLL	Early DCT/TAL
0	1.04642565	0.974	0.694	0	8	S100A6	Early DCT/TAL
0	0.29065228	0.35	0.07	0	8	EFHD1	Early DCT/TAL
0	0.5170254	0.675	0.241	0	8	ATP1A1	Early DCT/TAL
0	0.38694848	0.515	0.138	0	8	KCNJ16	Early DCT/TAL
0	0.5881155	0.768	0.363	0	8	SPP1	Early DCT/TAL
0	0.32829163	0.427	0.114	0	8	CA12	Early DCT/TAL
0	0.27517751	0.321	0.075	0	8	KRT7	Early DCT/TAL
0	0.41646115	0.545	0.199	0	8	S100A13	Early DCT/TAL
0	0.49102313	0.803	0.362	0	8	ATP1B1	Early DCT/TAL
0	0.46447777	0.675	0.288	0	8	CD9	Early DCT/TAL

0	0.26666205	0.338	0.089	0	8	C8orf4	Early DCT/TAL
0	0.29871477	0.405	0.133	0	8	SDC4	Early DCT/TAL
0	0.26080459	0.334	0.106	0	8	FGL2	Early DCT/TAL
0	0.36794363	0.726	0.326	0	8	CD24	Early DCT/TAL
0	0.42966812	0.775	0.407	0	8	DSTN	Early DCT/TAL
0	0.42700992	0.606	0.318	0	8	ATP6V0E1	Early DCT/TAL
0	0.41620025	0.739	0.423	0	8	HSPB1	Early DCT/TAL
0	0.39266781	0.689	0.373	0	8	PPDPF	Early DCT/TAL
0	0.2694284	0.422	0.165	0	8	EZR	Early DCT/TAL
0	0.31491966	0.639	0.317	0	8	CTSD	Early DCT/TAL
0	0.36380116	0.722	0.439	0	8	S100A11	Early DCT/TAL
0	0.26489793	0.434	0.194	0	8	MGST3	Early DCT/TAL
0	0.33322494	0.644	0.365	0	8	S100A10	Early DCT/TAL
0	0.27722379	0.515	0.246	0	8	PEBP1	Early DCT/TAL
0	0.31930373	0.647	0.367	0	8	GSTP1	Early DCT/TAL
3.9E-292	0.27532773	0.446	0.226	9E-288	8	HIST1H4C	Early DCT/TAL
3.26E-296	0.27312669	0.676	0.416	7E-292	8	CST3	Early DCT/TAL
2.36E-286	0.27822633	0.852	0.654	5E-282	8	ITM2B	Early DCT/TAL
2.69E-101	-0.2557097	0.008	0.103	5.9E-97	8	C1QB	Early DCT/TAL
5.41E-169	-0.3142463	0.015	0.166	1E-164	8	FCER1G	Early DCT/TAL
3E-122	-0.340335	0.011	0.126	7E-118	8	CCL3	Early DCT/TAL
3.16E-116	-0.3373941	0.012	0.121	7E-112	8	C1QA	Early DCT/TAL
9.1E-185	-0.3393139	0.02	0.186	2E-180	8	RGS1	Early DCT/TAL
2.14E-124	-0.3190117	0.018	0.138	5E-120	8	CCL4	Early DCT/TAL
7.49E-157	-0.4649722	0.017	0.161	2E-152	8	LYZ	Early DCT/TAL
3.42E-136	-0.3000348	0.027	0.161	8E-132	8	CCL5	Early DCT/TAL
1.57E-193	-0.3809449	0.028	0.203	3E-189	8	AIF1	Early DCT/TAL
2.7E-152	-0.260158	0.038	0.188	6E-148	8	CD52	Early DCT/TAL
7.57E-189	-0.3772986	0.03	0.203	2E-184	8	TYROBP	Early DCT/TAL
0	-0.563205	0.034	0.343	0	8	SRGN	Early DCT/TAL
3.56E-185	-0.3104522	0.042	0.217	8E-181	8	HLA-DPA1	Early DCT/TAL
1.84E-170	-0.2895929	0.059	0.23	4E-166	8	HLA-DRB1	Early DCT/TAL
8.42E-124	-0.2667786	0.053	0.186	2E-119	8	SPARC	Early DCT/TAL
1.37E-116	-0.2593026	0.054	0.183	3E-112	8	IFI27	Early DCT/TAL
5.36E-207	-0.332807	0.059	0.255	1E-202	8	CXCR4	Early DCT/TAL
1.29E-205	-0.3793372	0.051	0.243	3E-201	8	HLA-DPB1	Early DCT/TAL
3.407E-95	-0.3154986	0.037	0.141	7.5E-91	8	SPARCL1	Early DCT/TAL
3.963E-88	-0.3200324	0.042	0.143	8.8E-84	8	CTGF	Early DCT/TAL
5.56E-175	-0.3088231	0.085	0.264	1E-170	8	IL32	Early DCT/TAL
0	-0.4937604	0.093	0.379	0	8	VIM	Early DCT/TAL
1.074E-93	-0.3649426	0.057	0.168	2.4E-89	8	MGP	Early DCT/TAL
5.865E-52	-0.2557702	0.073	0.15	1.3E-47	8	CXCL2	Early DCT/TAL
1.21E-123	-0.2895172	0.154	0.305	3E-119	8	NFKBIA	Early DCT/TAL
1.32E-109	-0.2731822	0.242	0.387	3E-105	8	ZFP36	Early DCT/TAL
1.02E-196	-2.1681904	0.016	0.188	2E-192	8	IGKC	Early DCT/TAL
1.977E-55	-0.3312621	0.108	0.193	4.4E-51	8	APOE	Early DCT/TAL
4.27E-168	-0.3281046	0.292	0.473	9E-164	8	PABPC1	Early DCT/TAL
7.48E-129	-0.2779368	0.386	0.529	2E-124	8	HLA-B	Early DCT/TAL

8.2E-105	-0.2504391	0.572	0.658	2E-100	8	RPS3	Early DCT/TAL
6.537E-18	-0.3033703	0.121	0.165	1.4E-13	8	IGFBP5	Early DCT/TAL
0	-0.9237891	0.095	0.389	0	8	HLA-DRA	Early DCT/TAL
5.24E-118	-0.2748486	0.537	0.641	1E-113	8	H3F3B	Early DCT/TAL
8.66E-179	-0.2985382	0.602	0.715	2E-174	8	RPS13	Early DCT/TAL
1.54E-129	-0.2714044	0.763	0.803	3E-125	8	RPL28	Early DCT/TAL
4.86E-184	-0.2777299	0.852	0.897	1E-179	8	RPS15	Early DCT/TAL
2.21E-184	-0.2749141	0.888	0.92	5E-180	8	RPS27A	Early DCT/TAL
1.85E-111	-0.2712725	0.915	0.924	4E-107	8	RPS18	Early DCT/TAL
1.21E-159	-0.2745537	0.904	0.923	3E-155	8	RPLP1	Early DCT/TAL
7.12E-146	-0.3141042	0.617	0.705	2E-141	8	RPS2	Early DCT/TAL
4.25E-170	-0.4084972	0.355	0.526	9E-166	8	DUSP1	Early DCT/TAL
1.32E-163	-0.3023171	0.81	0.861	3E-159	8	RPS8	Early DCT/TAL
4.12E-156	-0.5144991	0.208	0.375	9E-152	8	LGALS1	Early DCT/TAL
3.28E-183	-0.2997849	0.87	0.904	7E-179	8	RPL32	Early DCT/TAL
4.65E-210	-0.3252746	0.764	0.835	1E-205	8	RPLP2	Early DCT/TAL
0	-0.6840712	0.21	0.473	0	8	CD74	Early DCT/TAL
3.23E-209	-0.3166531	0.879	0.915	7E-205	8	RPL13A	Early DCT/TAL
4.9E-213	-0.3509034	0.659	0.76	1E-208	8	RPS3A	Early DCT/TAL
6.58E-168	-0.3205435	0.887	0.915	1E-163	8	RPL10	Early DCT/TAL
5.51E-110	-0.3738062	0.58	0.688	1E-105	8	FOS	Early DCT/TAL
1.186E-08	-0.3456321	0.257	0.277	0.00026	8	MT1X	Early DCT/TAL
2.09E-287	-0.4042518	0.62	0.759	5E-283	8	RPL18A	Early DCT/TAL
2.87E-264	-0.350893	0.877	0.922	6E-260	8	RPL13	Early DCT/TAL
2E-109	-0.3557104	0.809	0.833	4E-105	8	ACTB	Early DCT/TAL
9.66E-283	-0.3983652	0.725	0.828	2E-278	8	RPS15A	Early DCT/TAL
0	-0.4415993	0.656	0.809	0	8	TPT1	Early DCT/TAL
1.43E-225	-0.3635247	0.958	0.971	3E-221	8	RPS27	Early DCT/TAL
0	-0.3738109	0.963	0.98	0	8	RPL34	Early DCT/TAL
0	-0.4096912	0.894	0.95	0	8	RPL21	Early DCT/TAL
2.68E-305	-0.4162383	0.842	0.897	6E-301	8	RPS19	Early DCT/TAL
3.53E-240	-0.4469847	0.81	0.861	8E-236	8	TMSB10	Early DCT/TAL
0	-0.599799	0.875	0.944	0	8	RPL39	Early DCT/TAL
7.957E-45	-0.4890254	0.349	0.236	1.8E-40	8	MT1G	Early DCT/TAL
1.88E-134	-0.8268646	0.738	0.79	4E-130	8	FTL	Early DCT/TAL
0	-1.1651749	0.677	0.896	0	8	TMSB4X	Early DCT/TAL
0	-1.0100772	0.899	0.952	0	8	B2M	Early DCT/TAL
0	0.46123657	0.354	0.004	0	9	FCER1A	Immune-Dendritic/Macrophage/Monocytes
0	0.70120928	0.621	0.073	0	9	HLA-DQB1	Immune-Dendritic/Macrophage/Monocytes
0	0.25454803	0.255	0.011	0	9	CSF2RA	Immune-Dendritic/Macrophage/Monocytes
0	1.30742177	0.923	0.206	0	9	HLA-DPB1	Immune-Dendritic/Macrophage/Monocytes
0	1.10454096	0.871	0.182	0	9	HLA-DPA1	Immune-Dendritic/Macrophage/Monocytes
0	0.54905163	0.487	0.052	0	9	HLA-DQA2	Immune-Dendritic/Macrophage/Monocytes
0	1.14213548	0.859	0.196	0	9	HLA-DRB1	Immune-Dendritic/Macrophage/Monocytes
0	0.6131205	0.593	0.087	0	9	HLA-DQA1	Immune-Dendritic/Macrophage/Monocytes
0	1.40900688	0.991	0.35	0	9	HLA-DRA	Immune-Dendritic/Macrophage/Monocytes
0	0.83668634	0.686	0.154	0	9	HLA-DRB5	Immune-Dendritic/Macrophage/Monocytes
0	0.84413882	0.649	0.159	0	9	RGS1	Immune-Dendritic/Macrophage/Monocytes

0	1.30712734	0.982	0.439	0	9	CD74	Immune-Dendritic/Macrophage/Monocytes
0	0.67005262	0.746	0.172	0	9	TYROBP	Immune-Dendritic/Macrophage/Monocytes
0	0.66791534	0.362	0.085	0	9	AREG	Immune-Dendritic/Macrophage/Monocytes
0	0.62077407	0.571	0.137	0	9	LYZ	Immune-Dendritic/Macrophage/Monocytes
0	0.32368318	0.337	0.048	0	9	RNASE6	Immune-Dendritic/Macrophage/Monocytes
0	0.40872435	0.249	0.049	0	9	CCL3L3	Immune-Dendritic/Macrophage/Monocytes
0	0.59553383	0.371	0.11	0	9	CCL3	Immune-Dendritic/Macrophage/Monocytes
0	0.74663193	0.789	0.299	0	9	GPX1	Immune-Dendritic/Macrophage/Monocytes
0	0.40068726	0.399	0.085	0	9	RP11-114	Immune-Dendritic/Macrophage/Monocytes
0	0.4969875	0.665	0.176	0	9	AIF1	Immune-Dendritic/Macrophage/Monocytes
0	0.25215176	0.27	0.037	0	9	IGSF6	Immune-Dendritic/Macrophage/Monocytes
0	0.25215176	0.27	0.037	0	9	IGSF6	Immune-Dendritic/Macrophage/Monocytes
0	0.85602863	0.846	0.41	0	9	CST3	Immune-Dendritic/Macrophage/Monocytes
0	0.38420591	0.453	0.103	0	9	HLA-DMA	Immune-Dendritic/Macrophage/Monocytes
0	0.35598606	0.42	0.091	0	9	MS4A6A	Immune-Dendritic/Macrophage/Monocytes
0	0.33872111	0.425	0.091	0	9	LST1	Immune-Dendritic/Macrophage/Monocytes
0	0.29470974	0.333	0.066	0	9	MNDA	Immune-Dendritic/Macrophage/Monocytes
0	0.48177739	0.53	0.176	0	9	SGK1	Immune-Dendritic/Macrophage/Monocytes
0	0.48048275	0.653	0.229	0	9	CXCR4	Immune-Dendritic/Macrophage/Monocytes
0	0.27334792	0.312	0.064	0	9	C1orf162	Immune-Dendritic/Macrophage/Monocytes
0	0.33535226	0.512	0.144	0	9	FCER1G	Immune-Dendritic/Macrophage/Monocytes
1.14E-291	0.32738558	0.193	0.057	3E-287	9	CCL4L2	Immune-Dendritic/Macrophage/Monocytes
0	0.33860475	0.382	0.122	0	9	RGS2	Immune-Dendritic/Macrophage/Monocytes
0	0.39341844	0.686	0.314	0	9	SRGN	Immune-Dendritic/Macrophage/Monocytes
0	0.25433796	0.346	0.106	0	9	CELF2	Immune-Dendritic/Macrophage/Monocytes
1.568E-93	0.37181611	0.188	0.095	3.5E-89	9	MT1H	Immune-Dendritic/Macrophage/Monocytes
0	0.49288612	0.933	0.744	0	9	RPS24	Immune-Dendritic/Macrophage/Monocytes
0	0.35984434	0.749	0.453	0	9	PABPC1	Immune-Dendritic/Macrophage/Monocytes
0	0.51463121	0.974	0.854	0	9	RPS8	Immune-Dendritic/Macrophage/Monocytes
2.97E-296	0.26729157	0.401	0.187	7E-292	9	HERPUD1	Immune-Dendritic/Macrophage/Monocytes
0	0.46168454	0.965	0.831	0	9	RPL26	Immune-Dendritic/Macrophage/Monocytes
0	0.38932612	0.844	0.622	0	9	RPL37	Immune-Dendritic/Macrophage/Monocytes
0	0.49023027	0.986	0.925	0	9	RPS29	Immune-Dendritic/Macrophage/Monocytes
8.368E-62	0.34462605	0.28	0.185	1.8E-57	9	APOE	Immune-Dendritic/Macrophage/Monocytes
0	0.35384949	0.775	0.526	0	9	RPL30	Immune-Dendritic/Macrophage/Monocytes
0	0.4345756	0.942	0.794	0	9	RPL11	Immune-Dendritic/Macrophage/Monocytes
0	0.39013483	0.9	0.693	0	9	RPS2	Immune-Dendritic/Macrophage/Monocytes
0	0.44726566	0.998	0.882	0	9	TMSB4X	Immune-Dendritic/Macrophage/Monocytes
0	0.43624256	0.988	0.854	0	9	TMSB10	Immune-Dendritic/Macrophage/Monocytes
0	0.4185513	0.96	0.818	0	9	RPS15A	Immune-Dendritic/Macrophage/Monocytes
0	0.37898158	0.889	0.694	0	9	RPL19	Immune-Dendritic/Macrophage/Monocytes
0	0.41830281	0.953	0.824	0	9	RPS23	Immune-Dendritic/Macrophage/Monocytes
0	0.39733012	0.919	0.766	0	9	RPL23A	Immune-Dendritic/Macrophage/Monocytes
0	0.43832375	0.987	0.911	0	9	RPL10	Immune-Dendritic/Macrophage/Monocytes
2.08E-305	0.33905344	0.773	0.567	5E-301	9	RPS11	Immune-Dendritic/Macrophage/Monocytes
0	0.38676649	0.95	0.795	0	9	FTH1	Immune-Dendritic/Macrophage/Monocytes
0	0.33523993	0.814	0.605	0	9	UBA52	Immune-Dendritic/Macrophage/Monocytes
0	0.40277174	0.987	0.89	0	9	RPS19	Immune-Dendritic/Macrophage/Monocytes

6.37E-283	0.30790497	0.735	0.508	1E-278	9	RPL23	Immune-Dendritic/Macrophage/Monocytes
0	0.3785628	0.945	0.804	0	9	RPL12	Immune-Dendritic/Macrophage/Monocytes
0	0.43236653	0.997	0.969	0	9	RPS27	Immune-Dendritic/Macrophage/Monocytes
0	0.36156207	0.921	0.749	0	9	RPS3A	Immune-Dendritic/Macrophage/Monocytes
0	0.36238235	0.908	0.75	0	9	RPL35A	Immune-Dendritic/Macrophage/Monocytes
0	0.35283028	0.924	0.745	0	9	RPL18A	Immune-Dendritic/Macrophage/Monocytes
0	0.34007715	0.853	0.665	0	9	RPL31	Immune-Dendritic/Macrophage/Monocytes
7.14E-242	0.26207472	0.591	0.363	2E-237	9	RPL36A	Immune-Dendritic/Macrophage/Monocytes
1.51E-267	0.30608339	0.751	0.54	3E-263	9	RPL27	Immune-Dendritic/Macrophage/Monocytes
0	0.34657573	0.894	0.729	0	9	RPL27A	Immune-Dendritic/Macrophage/Monocytes
0	0.37939194	0.982	0.899	0	9	RPL32	Immune-Dendritic/Macrophage/Monocytes
0	0.33267806	0.859	0.691	0	9	RPS17	Immune-Dendritic/Macrophage/Monocytes
0	0.38995394	0.994	0.946	0	9	RPL21	Immune-Dendritic/Macrophage/Monocytes
2.08E-305	0.32087879	0.872	0.703	5E-301	9	RPS13	Immune-Dendritic/Macrophage/Monocytes
0	0.36252005	0.974	0.892	0	9	RPS15	Immune-Dendritic/Macrophage/Monocytes
0	0.36605324	0.986	0.921	0	9	RPS18	Immune-Dendritic/Macrophage/Monocytes
0	0.33225463	0.933	0.796	0	9	RPL28	Immune-Dendritic/Macrophage/Monocytes
4.214E-13	0.37046423	0.536	0.511	9.3E-09	9	MT2A	Immune-Dendritic/Macrophage/Monocytes
4.665E-46	0.29067436	0.362	0.272	1E-41	9	MT1X	Immune-Dendritic/Macrophage/Monocytes
0	0.34705909	0.963	0.877	0	9	RPS14	Immune-Dendritic/Macrophage/Monocytes
4.97E-200	0.26635114	0.678	0.485	1E-195	9	RPL5	Immune-Dendritic/Macrophage/Monocytes
2.52E-232	0.2807509	0.792	0.608	6E-228	9	RPS16	Immune-Dendritic/Macrophage/Monocytes
1.15E-215	0.26870349	0.747	0.549	3E-211	9	RPL29	Immune-Dendritic/Macrophage/Monocytes
0	0.34448183	0.993	0.939	0	9	RPL39	Immune-Dendritic/Macrophage/Monocytes
3.21E-225	0.2816911	0.79	0.611	7E-221	9	RPL38	Immune-Dendritic/Macrophage/Monocytes
0	0.31418272	0.951	0.827	0	9	RPLP2	Immune-Dendritic/Macrophage/Monocytes
0	0.31459428	0.948	0.834	0	9	RPL35	Immune-Dendritic/Macrophage/Monocytes
0	0.30570684	0.921	0.791	0	9	RPS25	Immune-Dendritic/Macrophage/Monocytes
2.36E-195	0.26430239	0.733	0.547	5E-191	9	RPS7	Immune-Dendritic/Macrophage/Monocytes
3.83E-222	0.27427831	0.802	0.634	8E-218	9	RPS20	Immune-Dendritic/Macrophage/Monocytes
2.61E-233	0.27810858	0.832	0.673	6E-229	9	FAU	Immune-Dendritic/Macrophage/Monocytes
0	0.31181429	0.987	0.917	0	9	RPL13	Immune-Dendritic/Macrophage/Monocytes
1.03E-215	0.26168242	0.828	0.647	2E-211	9	RPS3	Immune-Dendritic/Macrophage/Monocytes
0	0.32490183	0.997	0.978	0	9	RPL34	Immune-Dendritic/Macrophage/Monocytes
4.51E-196	0.26469382	0.812	0.652	1E-191	9	RPL6	Immune-Dendritic/Macrophage/Monocytes
1.58E-301	0.29141442	0.954	0.853	3E-297	9	RPS12	Immune-Dendritic/Macrophage/Monocytes
9.74E-291	0.28870118	0.95	0.846	2E-286	9	RPS6	Immune-Dendritic/Macrophage/Monocytes
1.19E-163	0.25120052	0.847	0.676	3E-159	9	FOS	Immune-Dendritic/Macrophage/Monocytes
7.41E-191	0.25903171	0.854	0.709	2E-186	9	RPS4X	Immune-Dendritic/Macrophage/Monocytes
7.43E-265	0.27421692	0.945	0.853	2E-260	9	RPL36	Immune-Dendritic/Macrophage/Monocytes
1.42E-294	0.27009066	0.973	0.911	3E-290	9	RPL13A	Immune-Dendritic/Macrophage/Monocytes
4.9E-262	0.25529832	0.98	0.919	1E-257	9	RPLP1	Immune-Dendritic/Macrophage/Monocytes
1.11E-138	-0.2821309	0.039	0.187	2E-134	9	SPARC	Immune-Dendritic/Macrophage/Monocytes
6.65E-236	-0.2703321	0.065	0.295	1E-231	9	NGFRAP1	Immune-Dendritic/Macrophage/Monocytes
1.86E-100	-0.3170182	0.029	0.141	4.1E-96	9	SPARCL1	Immune-Dendritic/Macrophage/Monocytes
5.24E-104	-0.3340939	0.028	0.143	1E-99	9	CTGF	Immune-Dendritic/Macrophage/Monocytes
8.44E-111	-0.2568146	0.052	0.182	2E-106	9	IFI27	Immune-Dendritic/Macrophage/Monocytes
2.98E-123	-0.4013439	0.035	0.169	7E-119	9	MGP	Immune-Dendritic/Macrophage/Monocytes

4.73E-148	-0.5366634	0.03	0.181	1E-143	9	S100A2	Immune-Dendritic/Macrophage/Monocytes
1.076E-87	-0.3028267	0.053	0.163	2.4E-83	9	MMP7	Immune-Dendritic/Macrophage/Monocytes
1.99E-145	-0.3201221	0.082	0.252	4E-141	9	HES1	Immune-Dendritic/Macrophage/Monocytes
9.37E-139	-0.365615	0.065	0.222	2E-134	9	CRYAB	Immune-Dendritic/Macrophage/Monocytes
5.51E-296	-0.4550451	0.088	0.354	1E-291	9	CD24	Immune-Dendritic/Macrophage/Monocytes
4.576E-58	-0.2683711	0.079	0.167	1E-53	9	CXCL14	Immune-Dendritic/Macrophage/Monocytes
1.49E-120	-0.2634696	0.172	0.338	3E-116	9	CTSD	Immune-Dendritic/Macrophage/Monocytes
3.63E-213	-0.5104132	0.083	0.301	8E-209	9	CLU	Immune-Dendritic/Macrophage/Monocytes
4.52E-289	-0.4069613	0.168	0.434	1E-284	9	DSTN	Immune-Dendritic/Macrophage/Monocytes
5.15E-259	-0.7619827	0.064	0.303	1E-254	9	WFDC2	Immune-Dendritic/Macrophage/Monocytes
1.8E-259	-0.7249791	0.073	0.314	4E-255	9	DEFB1	Immune-Dendritic/Macrophage/Monocytes
9.514E-65	-0.3997255	0.072	0.167	2.1E-60	9	IGFBP5	Immune-Dendritic/Macrophage/Monocytes
1.043E-98	-0.2838461	0.256	0.398	2.3E-94	9	IFITM3	Immune-Dendritic/Macrophage/Monocytes
2.8E-119	-0.2508191	0.398	0.539	6E-115	9	NDUFA4	Immune-Dendritic/Macrophage/Monocytes
0	-0.8017553	0.116	0.496	0	9	IGFBP7	Immune-Dendritic/Macrophage/Monocytes
3.37E-205	-0.3953334	0.219	0.446	7E-201	9	HSPB1	Immune-Dendritic/Macrophage/Monocytes
3.796E-39	-0.2963652	0.15	0.229	8.4E-35	9	TIMP1	Immune-Dendritic/Macrophage/Monocytes
1.19E-160	-0.4283262	0.15	0.33	3E-156	9	FXYD2	Immune-Dendritic/Macrophage/Monocytes
5.02E-199	-0.6330103	0.105	0.31	1E-194	9	ADIRF	Immune-Dendritic/Macrophage/Monocytes
1.86E-136	-0.2955705	0.792	0.863	4E-132	9	NEAT1	Immune-Dendritic/Macrophage/Monocytes
2.48E-264	-0.7964084	0.148	0.391	5E-260	9	ATP1B1	Immune-Dendritic/Macrophage/Monocytes
5.65E-275	-0.3862666	1	0.999	1E-270	9	MALAT1	Immune-Dendritic/Macrophage/Monocytes
2.19E-271	-0.589288	0.546	0.713	5E-267	9	S100A6	Immune-Dendritic/Macrophage/Monocytes
2.16E-200	-1.1255447	0.186	0.389	5E-196	9	SPP1	Immune-Dendritic/Macrophage/Monocytes
2.408E-83	-2.0640497	0.073	0.185	5.3E-79	9	IGKC	Immune-Dendritic/Macrophage/Monocytes
0	1.67826644	0.637	0.073	0	10	SLPI	TAL
0	0.71712754	0.598	0.065	0	10	ITGB6	TAL
0	1.85482892	0.944	0.267	0	10	WFDC2	TAL
0	2.15508777	0.945	0.358	0	10	SPP1	TAL
0	0.43088827	0.275	0.027	0	10	LTF	TAL
0	0.39878775	0.353	0.037	0	10	TSPAN8	TAL
0	0.32445177	0.316	0.029	0	10	LINC0150	TAL
0	0.46500386	0.48	0.085	0	10	C8orf4	TAL
0	0.66875855	0.331	0.085	0	10	UMOD	TAL
0	0.58554165	0.671	0.152	0	10	MUC1	TAL
0	0.52480934	0.567	0.126	0	10	BCAM	TAL
0	0.36632937	0.359	0.056	0	10	CLDN10	TAL
0	0.3946949	0.26	0.045	0	10	SFRP1	TAL
0	0.44776165	0.515	0.107	0	10	SERPING1	TAL
0	0.47893492	0.558	0.126	0	10	PCSK1N	TAL
0	0.67060951	0.727	0.241	0	10	ATP1A1	TAL
0	0.41927604	0.376	0.086	0	10	NNMT	TAL
0	0.66549985	0.851	0.323	0	10	CD24	TAL
0	0.31309606	0.364	0.071	0	10	LINC0132	TAL
0	0.46763299	0.497	0.145	0	10	MMP7	TAL
0	0.58899912	0.78	0.304	0	10	FXYD2	TAL
0	0.83476823	0.813	0.467	0	10	IGFBP7	TAL
0	0.36491673	0.423	0.111	0	10	TACSTD2	TAL

0	0.29096276	0.339	0.076	0	10	KRT7	TAL
0	0.28339679	0.351	0.082	0	10	RASD1	TAL
0	0.26174328	0.289	0.063	0	10	ADAMTS1	TAL
0	0.42937692	0.776	0.285	0	10	DEFB1	TAL
0	0.45369539	0.647	0.255	0	10	LDHB	TAL
0	0.26427136	0.319	0.078	0	10	CLDN4	TAL
0	0.45412575	0.708	0.316	0	10	CTSD	TAL
0	0.4207721	0.607	0.254	0	10	CD59	TAL
0	0.33996483	0.468	0.163	0	10	S100A2	TAL
0	0.28150121	0.417	0.122	0	10	MAL	TAL
0	0.29574879	0.367	0.113	0	10	ELF3	TAL
0	0.4004624	0.445	0.206	0	10	CRYAB	TAL
0	0.33870866	0.559	0.245	0	10	PEBP1	TAL
0	0.57320472	0.936	0.697	0	10	S100A6	TAL
0	0.29528982	0.457	0.176	0	10	EMX2	TAL
0	0.32104652	0.499	0.214	0	10	LDHA	TAL
0	0.25582894	0.42	0.144	0	10	CDH16	TAL
0	0.38521622	0.697	0.367	0	10	GSTP1	TAL
0	0.32658649	0.617	0.279	0	10	CLU	TAL
0	0.29736285	0.456	0.19	0	10	TSC22D1	TAL
0	0.2857165	0.481	0.203	0	10	S100A13	TAL
1.25E-287	0.33426087	0.461	0.233	3E-283	10	GADD45B	TAL
4.99E-246	0.39153278	0.665	0.428	1E-241	10	HSPB1	TAL
1.46E-252	0.26711598	0.393	0.186	3E-248	10	SOX4	TAL
1.217E-88	0.2951992	0.192	0.102	2.7E-84	10	SERPINA1	TAL
0	0.36430168	0.846	0.564	0	10	SAT1	TAL
7.71E-140	0.26651757	0.25	0.123	2E-135	10	PLCG2	TAL
0	0.31823443	0.746	0.44	0	10	S100A11	TAL
3.89E-301	0.25506314	0.662	0.376	9E-297	10	PPDPF	TAL
0	0.40197431	1	1	0	10	MT-CO1	TAL
1.43E-154	0.31365018	1	0.999	3E-150	10	MALAT1	TAL
1.18E-177	0.26201542	1	1	3E-173	10	MT-CO2	TAL
1.18E-123	-0.2901114	0.029	0.164	3E-119	10	FCER1G	TAL
9.187E-86	-0.3164747	0.021	0.12	2E-81	10	C1QA	TAL
3.61E-161	-0.371168	0.034	0.202	8E-157	10	AIF1	TAL
9.28E-156	-0.362105	0.036	0.202	2E-151	10	TYROBP	TAL
9.92E-127	-0.3119196	0.041	0.185	2E-122	10	RGS1	TAL
1.658E-78	-0.3040036	0.029	0.124	3.7E-74	10	CCL3	TAL
1.47E-82	-0.2585447	0.051	0.159	3.2E-78	10	CCL5	TAL
6.109E-71	-0.2723012	0.042	0.136	1.3E-66	10	CCL4	TAL
5.74E-168	-0.3221041	0.068	0.253	1E-163	10	CXCR4	TAL
2.02E-118	-0.2748029	0.07	0.215	4E-114	10	HLA-DPA1	TAL
1.85E-110	-0.4342723	0.034	0.16	4E-106	10	LYZ	TAL
0	-0.5271764	0.061	0.34	0	10	SRGN	TAL
8.085E-59	-0.2723128	0.054	0.14	1.8E-54	10	SPARCL1	TAL
3.12E-136	-0.3408883	0.079	0.241	7E-132	10	HLA-DPB1	TAL
4.36E-103	-0.2531945	0.118	0.262	1E-98	10	IL32	TAL
3.7E-179	-0.3643639	0.106	0.308	8E-175	10	S100A4	TAL

8.61E-283	-0.4523543	0.107	0.377	2E-278	10	VIM	TAL
1.292E-96	-0.3715032	0.068	0.194	2.9E-92	10	APOE	TAL
1.73E-144	-0.2925386	0.165	0.343	4E-140	10	SH3BGRL	TAL
6.143E-46	-0.2897586	0.086	0.166	1.4E-41	10	MGP	TAL
1.94E-112	-0.2707545	0.246	0.402	4E-108	10	BTG1	TAL
1.405E-58	-0.3985611	0.075	0.166	3.1E-54	10	IGFBP5	TAL
1.01E-246	-0.5657067	0.129	0.377	2E-242	10	LGALS1	TAL
4.24E-225	-0.385963	0.24	0.474	9E-221	10	PABPC1	TAL
7.56E-105	-0.2707711	0.642	0.695	2E-100	10	RPS26	TAL
6.47E-107	-0.3409287	0.387	0.523	1E-102	10	DUSP1	TAL
1.66E-154	-0.2628185	0.883	0.896	4E-150	10	RPS15	TAL
9.39E-119	-0.2725165	0.838	0.86	2E-114	10	RPS8	TAL
1.089E-88	-0.2846458	0.841	0.86	2.4E-84	10	TMSB10	TAL
1.84E-168	-0.3312228	0.773	0.826	4E-164	10	RPS15A	TAL
2.14E-232	-0.3327533	0.915	0.928	5E-228	10	RPS29	TAL
2.1E-186	-0.3948647	0.688	0.81	5E-182	10	MT-ND4L	TAL
5.07E-198	-0.3529306	0.964	0.97	1E-193	10	RPS27	TAL
2.49E-202	-0.7927664	0.174	0.384	5E-198	10	HLA-DRA	TAL
1.581E-65	-0.4398418	0.387	0.464	3.5E-61	10	CD74	TAL
4.94E-233	-0.3948334	0.936	0.941	1E-228	10	RPL39	TAL
2.39E-227	-0.4711726	0.783	0.834	5E-223	10	ACTB	TAL
1.14E-103	-0.4415762	0.97	0.949	3E-99	10	B2M	TAL
7.236E-14	-0.6688691	0.203	0.242	1.6E-09	10	MT1G	TAL
1.353E-38	-0.6590992	0.793	0.787	3E-34	10	FTL	TAL
0	-0.9326898	0.683	0.895	0	10	TMSB4X	TAL
9.357E-80	-2.0311756	0.072	0.185	2.1E-75	10	IGKC	TAL
0	2.27331165	1	0.061	0	11	UMOD	TAL
0	1.51843229	0.922	0.07	0	11	SLC12A1	TAL
0	0.40677314	0.366	0.011	0	11	EGF	TAL
0	0.58960354	0.57	0.04	0	11	KNG1	TAL
0	0.41567914	0.359	0.028	0	11	CLDN16	TAL
0	0.31973024	0.33	0.034	0	11	HSPA2	TAL
0	0.3682583	0.351	0.042	0	11	SFRP1	TAL
0	1.1273989	0.967	0.36	0	11	ATP1B1	TAL
0	0.35358497	0.378	0.053	0	11	CYFIP2	TAL
0	0.26090181	0.287	0.032	0	11	CLCN5	TAL
0	0.29874706	0.338	0.047	0	11	MTURN	TAL
0	0.25135903	0.281	0.034	0	11	PDE1A	TAL
0	0.68738088	0.851	0.284	0	11	DEFB1	TAL
0	0.42309669	0.489	0.115	0	11	NUDT4	TAL
0	0.28309918	0.32	0.051	0	11	PTGER3	TAL
0	0.2517294	0.289	0.043	0	11	CGNL1	TAL
0	0.31197172	0.357	0.066	0	11	RHOBTB3	TAL
0	0.28599619	0.327	0.058	0	11	CLDN10	TAL
0	0.51873027	0.694	0.244	0	11	ATP1A1	TAL
0	0.45258082	0.492	0.151	0	11	PDK4	TAL
0	0.55300135	0.801	0.327	0	11	CD24	TAL
0	0.27959197	0.348	0.073	0	11	EFHD1	TAL

0	0.36894074	0.342	0.102	0	11	TMEM52E	TAL
0	0.33538665	0.397	0.11	0	11	SLC5A3	TAL
0	0.43182511	0.546	0.205	0	11	ZFAND5	TAL
0	0.4191886	0.696	0.309	0	11	FXYD2	TAL
0	0.39134393	0.58	0.245	0	11	PEBP1	TAL
0	0.29654573	0.435	0.144	0	11	KCNJ16	TAL
0	0.2584633	0.352	0.103	0	11	MRPS6	TAL
0	0.40643019	0.651	0.323	0	11	MTRNR2L	TAL
0	0.77264833	1	0.995	0	11	MT-ND2	TAL
0	0.68117393	1	0.963	0	11	MT-ND1	TAL
0	0.68673811	1	1	0	11	MT-CO3	TAL
0	0.32276089	0.576	0.279	0	11	APP	TAL
0	0.65050052	1	0.999	0	11	MT-ND3	TAL
0	0.29748492	0.533	0.261	0	11	LDHB	TAL
2.04E-171	0.27507448	0.269	0.123	5E-167	11	PLCG2	TAL
0	0.57414465	1	1	0	11	MT-CO1	TAL
3.54E-265	0.30862379	0.595	0.344	8E-261	11	MT-ND6	TAL
0	0.52946431	1	0.992	0	11	MT-CYB	TAL
0	0.42994731	0.979	0.798	0	11	MT-ND4L	TAL
2.78E-281	0.27179059	0.532	0.276	6E-277	11	NGFRAP1	TAL
0	0.48687241	1	1	0	11	MT-CO2	TAL
0	0.46563393	1	0.994	0	11	MT-ATP6	TAL
0	0.42515247	0.996	0.922	0	11	MT-ND5	TAL
0	0.45438291	1	0.999	0	11	MT-ND4	TAL
2.233E-88	-0.257945	0.004	0.102	4.9E-84	11	C1QB	TAL
8.32E-101	-0.339608	0.008	0.12	1.8E-96	11	C1QA	TAL
5.92E-162	-0.285871	0.016	0.188	1E-157	11	CD52	TAL
3.6E-117	-0.2508403	0.017	0.15	8E-113	11	RNASE1	TAL
3.36E-129	-0.3061437	0.019	0.164	7E-125	11	FCER1G	TAL
1.18E-123	-0.309311	0.02	0.16	3E-119	11	CCL5	TAL
9.24E-162	-0.3867966	0.026	0.202	2E-157	11	AIF1	TAL
2.31E-196	-0.4460885	0.027	0.233	5E-192	11	TIMP1	TAL
2.05E-129	-0.2872155	0.034	0.186	5E-125	11	SPARC	TAL
2.01E-125	-0.2862786	0.034	0.182	4E-121	11	IFI27	TAL
2.949E-91	-0.311467	0.024	0.137	6.5E-87	11	CCL4	TAL
4.778E-81	-0.3236076	0.023	0.124	1.1E-76	11	CCL3	TAL
2.66E-149	-0.3743556	0.033	0.201	6E-145	11	TYROBP	TAL
1.99E-149	-0.3091515	0.043	0.216	4E-145	11	HLA-DPA1	TAL
4.91E-201	-0.3488362	0.048	0.264	1E-196	11	IL32	TAL
7.08E-183	-0.3879475	0.042	0.242	2E-178	11	HLA-DPB1	TAL
2.277E-94	-0.3173955	0.032	0.15	5E-90	11	CXCL2	TAL
7.91E-193	-0.2685047	0.079	0.3	2E-188	11	HLA-E	TAL
6.23E-110	-0.3061695	0.045	0.184	1E-105	11	RGS1	TAL
2.7E-135	-0.2826874	0.061	0.229	6E-131	11	HLA-DRB1	TAL
9.86E-244	-0.4453086	0.06	0.309	2E-239	11	S100A4	TAL
7.25E-265	-0.385383	0.078	0.345	2E-260	11	SH3BGRL	TAL
2.384E-72	-0.3085495	0.041	0.14	5.3E-68	11	SPARCL1	TAL
0	-0.5189158	0.067	0.378	0	11	VIM	TAL

1.374E-71	-0.3194407	0.042	0.142	3E-67	11	CTGF	TAL
8.8E-286	-0.5254755	0.061	0.339	2E-281	11	SRGN	TAL
9.845E-95	-0.3837151	0.044	0.168	2.2E-90	11	MGP	TAL
6.22E-126	-0.2950089	0.087	0.252	1E-121	11	CXCR4	TAL
2.54E-95	-0.4364014	0.038	0.159	5.6E-91	11	LYZ	TAL
2.07E-270	-0.3484654	0.122	0.402	5E-266	11	HLA-C	TAL
2.16E-182	-0.2680977	0.173	0.399	5E-178	11	CFL1	TAL
2.43E-157	-0.2964775	0.133	0.332	5E-153	11	DNAJB1	TAL
0	-0.6911208	0.067	0.379	0	11	LGALS1	TAL
4.08E-146	-0.2936979	0.136	0.326	9E-142	11	GPX1	TAL
1.66E-263	-0.4197821	0.119	0.39	4E-259	11	CYBA	TAL
2.593E-47	-0.2676232	0.078	0.162	5.7E-43	11	MMP7	TAL
1.15E-94	-0.3943576	0.065	0.194	2.5E-90	11	APOE	TAL
1.44E-217	-0.3363055	0.162	0.406	3E-213	11	MYL12A	TAL
4.08E-200	-0.3582238	0.145	0.379	9E-196	11	FOSB	TAL
4.3E-168	-2.1654524	0.012	0.187	9E-164	11	IGKC	TAL
2.56E-146	-0.2656882	0.227	0.429	6E-142	11	UBC	TAL
3.94E-274	-0.4629711	0.123	0.402	9E-270	11	IFITM3	TAL
0	-0.418022	0.158	0.463	0	11	S100A11	TAL
4.55E-150	-0.2910785	0.191	0.389	1E-145	11	JUNB	TAL
0	-0.4570231	0.153	0.488	0	11	PFN1	TAL
8.64E-152	-0.2708345	0.229	0.431	2E-147	11	CD63	TAL
7.849E-77	-0.3268679	0.101	0.22	1.7E-72	11	CRYAB	TAL
4.04E-152	-0.2590229	0.295	0.498	9E-148	11	PFDN5	TAL
4.18E-102	-0.2909824	0.17	0.32	9.2E-98	11	NPC2	TAL
1.56E-263	-0.3830693	0.191	0.466	3E-259	11	HLA-A	TAL
1.993E-70	-0.2653286	0.185	0.303	4.4E-66	11	NFKBIA	TAL
2.86E-141	-0.2511555	0.359	0.549	6E-137	11	RPL24	TAL
1.77E-150	-0.2689547	0.316	0.511	4E-146	11	EEF1D	TAL
0	-0.5609969	0.161	0.537	0	11	HLA-B	TAL
7.559E-74	-0.2532995	0.259	0.385	1.7E-69	11	ZFP36	TAL
7.3E-141	-0.2590326	0.401	0.582	2E-136	11	RPS11	TAL
1.69E-140	-0.2842085	0.323	0.51	4E-136	11	UBB	TAL
9.42E-170	-0.2933652	0.334	0.542	2E-165	11	RPL14	TAL
9.03E-150	-0.2745914	0.374	0.561	2E-145	11	RPS7	TAL
3.45E-257	-0.3549273	0.293	0.558	8E-253	11	RPL27	TAL
2.24E-180	-0.3029808	0.351	0.565	5E-176	11	RPL29	TAL
7.65E-221	-0.3389977	0.303	0.544	2E-216	11	RPL30	TAL
1.18E-138	-0.2808876	0.372	0.55	3E-134	11	MYL6	TAL
2.77E-246	-0.4202149	0.216	0.474	6E-242	11	PABPC1	TAL
1.54E-137	-0.2591758	0.485	0.65	3E-133	11	EIF1	TAL
9.41E-214	-0.3238697	0.364	0.597	2E-209	11	RPL18	TAL
3.407E-45	-0.3907138	0.084	0.166	7.5E-41	11	IGFBP5	TAL
2.31E-198	-0.3080157	0.409	0.626	5E-194	11	RPL38	TAL
1.01E-236	-0.351191	0.335	0.584	2E-232	11	RPL10A	TAL
1.2E-131	-0.2552383	0.54	0.684	3E-127	11	RPL8	TAL
1.37E-136	-0.4992123	0.121	0.298	3E-132	11	CLU	TAL
4.98E-158	-0.2952196	0.412	0.597	1E-153	11	RPS5	TAL

1.83E-163	-0.2863396	0.47	0.647	4E-159	11	RPS20	TAL
6.4E-136	-0.27037	0.524	0.678	1E-131	11	RPL31	TAL
6.52E-187	-0.2899092	0.501	0.69	1E-182	11	SERF2	TAL
1.04E-275	-0.3726773	0.359	0.623	2E-271	11	UBA52	TAL
5.06E-187	-0.3135167	0.428	0.622	1E-182	11	RPS16	TAL
1.94E-214	-0.3135611	0.477	0.687	4E-210	11	FAU	TAL
3.61E-149	-0.2833999	0.543	0.69	8E-145	11	RPL15	TAL
1.66E-194	-0.3268823	0.436	0.638	4E-190	11	RPL37	TAL
3.69E-157	-0.359882	0.334	0.529	8E-153	11	JUN	TAL
1.05E-118	-0.3494273	0.307	0.472	2E-114	11	HSPA1A	TAL
2.1E-106	-0.3467431	0.285	0.433	5E-102	11	CST3	TAL
1.4E-124	-0.2716212	0.641	0.759	3E-120	11	RPL7	TAL
0	-0.7588328	0.145	0.473	0	11	CD74	TAL
3.94E-298	-0.9133132	0.1	0.386	9E-294	11	HLA-DRA	TAL
1.257E-75	-0.323004	0.324	0.441	2.8E-71	11	HSPB1	TAL
5.61E-256	-0.3661113	0.431	0.662	1E-251	11	RPS9	TAL
4.41E-209	-0.3338419	0.522	0.705	1E-204	11	RPS17	TAL
4.11E-161	-0.2855567	0.727	0.833	9E-157	11	RPS23	TAL
2.02E-175	-0.3472052	0.467	0.643	4E-171	11	H3F3B	TAL
1.33E-276	-0.386195	0.487	0.71	3E-272	11	RPL19	TAL
2.06E-209	-0.3478086	0.547	0.716	5E-205	11	RPS13	TAL
0	-0.4914343	0.371	0.665	0	11	RPS3	TAL
4.42E-236	-0.3575314	0.6	0.779	1E-231	11	RPL23A	TAL
6.29E-257	-0.3761056	0.559	0.759	1E-252	11	RPS24	TAL
4.27E-186	-0.462054	0.322	0.525	9E-182	11	DUSP1	TAL
1.61E-271	-0.4173866	0.477	0.701	4E-267	11	RPS26	TAL
2.72E-243	-0.3842831	0.554	0.741	6E-239	11	RPL3	TAL
1.96E-302	-0.3956687	0.589	0.804	4E-298	11	RPS25	TAL
8.346E-13	-0.2847155	0.492	0.48	1.8E-08	11	IGFBP7	TAL
2.028E-64	-0.3414295	0.498	0.577	4.5E-60	11	SAT1	TAL
2.13E-127	-0.3233479	0.804	0.862	5E-123	11	NEAT1	TAL
0	-0.4503655	0.513	0.765	0	11	RPL35A	TAL
0	-0.4498807	0.488	0.723	0	11	RPS4X	TAL
5.91E-233	-0.3932773	0.595	0.762	1E-228	11	RPS3A	TAL
0	-0.3958895	0.664	0.845	0	11	RPL35	TAL
0	-0.483399	0.481	0.745	0	11	RPL27A	TAL
6.86E-265	-0.4474141	0.505	0.718	2E-260	11	HSP90AA	TAL
0	-0.4268188	0.597	0.808	0	11	RPL11	TAL
0	-0.3944021	0.692	0.863	0	11	RPL36	TAL
0	-0.6377337	0.362	0.714	0	11	RPS2	TAL
1.96E-288	-0.3722869	0.777	0.893	4E-284	11	RPS28	TAL
1.012E-52	-0.3356111	0.683	0.707	2.2E-48	11	S100A6	TAL
1.79E-305	-0.4150333	0.664	0.843	4E-301	11	RPL26	TAL
0.0014602	-0.2836146	0.32	0.274	1	11	MT1X	TAL
4.7E-223	-0.3561784	0.877	0.929	1E-218	11	RPS29	TAL
0	-0.3871225	0.821	0.922	0	11	RPS27A	TAL
0	-0.514292	0.521	0.761	0	11	RPL18A	TAL
0	-0.4159179	0.752	0.885	0	11	RPS14	TAL

0	-0.5020531	0.58	0.819	0	11	RPL12	TAL
7.248E-21	-0.4276553	0.261	0.304	1.6E-16	11	ADIRF	TAL
0	-0.4587504	0.688	0.856	0	11	RPS6	TAL
0	-0.5509515	0.553	0.811	0	11	RPL28	TAL
0	-0.4608705	0.708	0.865	0	11	RPS8	TAL
0	-0.5079604	0.66	0.865	0	11	RPS12	TAL
0	-0.4345425	0.859	0.942	0	11	PTMA	TAL
0	-0.4074833	0.953	0.98	0	11	RPL34	TAL
0	-0.6010541	0.563	0.842	0	11	RPLP2	TAL
0	-0.5799191	0.589	0.833	0	11	RPS15A	TAL
0	-0.5191666	0.714	0.902	0	11	RPS15	TAL
0	-0.4504433	0.912	0.969	0	11	RPL41	TAL
0	-0.6879064	0.455	0.692	0	11	FOS	TAL
0	-0.5886046	0.704	0.91	0	11	RPL32	TAL
0	-0.5483743	0.771	0.918	0	11	RPL13A	TAL
0	-0.5614581	0.774	0.925	0	11	RPL13	TAL
0	-0.5281433	0.877	0.944	0	11	RPL39	TAL
0	-0.651935	0.615	0.808	0	11	FTH1	TAL
0	-0.5672023	0.838	0.952	0	11	RPL21	TAL
0	-0.6269465	0.719	0.901	0	11	RPS19	TAL
0	-0.5837039	0.799	0.928	0	11	RPS18	TAL
0	-0.7603286	0.558	0.842	0	11	ACTB	TAL
0	-0.6337162	0.75	0.928	0	11	RPLP1	TAL
0	-0.7160938	0.739	0.921	0	11	RPL10	TAL
0	-0.9750948	0.545	0.871	0	11	TMSB10	TAL
0	-0.7043759	0.885	0.973	0	11	RPS27	TAL
0	-1.6655826	0.386	0.905	0	11	TMSB4X	TAL
0	-1.1179516	0.554	0.796	0	11	FTL	TAL
0	-1.3353511	0.796	0.956	0	11	B2M	TAL
0	1.55499017	0.793	0.033	0	12	RGS5	Pericyte/SM
0	0.49767786	0.373	0.005	0	12	RERGL	Pericyte/SM
0	0.59452451	0.43	0.007	0	12	PLN	Pericyte/SM
0	1.07213509	0.624	0.023	0	12	ACTA2	Pericyte/SM
0	0.68724582	0.53	0.014	0	12	MYH11	Pericyte/SM
0	1.63316297	0.797	0.064	0	12	TAGLN	Pericyte/SM
0	0.57224029	0.456	0.024	0	12	C11orf96	Pericyte/SM
0	0.86380053	0.597	0.052	0	12	TPM2	Pericyte/SM
0	0.2905619	0.25	0.009	0	12	NDUFA4L	Pericyte/SM
0	0.41602303	0.385	0.02	0	12	PLAC9	Pericyte/SM
0	1.0622871	0.712	0.1	0	12	MYL9	Pericyte/SM
0	0.43493844	0.375	0.022	0	12	MFGE8	Pericyte/SM
0	0.27077805	0.251	0.01	0	12	FRZB	Pericyte/SM
0	1.15421059	0.835	0.159	0	12	CALD1	Pericyte/SM
0	1.68177443	0.923	0.28	0	12	ADIRF	Pericyte/SM
0	0.25477529	0.259	0.015	0	12	NOTCH3	Pericyte/SM
0	0.30945597	0.279	0.021	0	12	PTP4A3	Pericyte/SM
0	0.28932531	0.282	0.021	0	12	CSRP2	Pericyte/SM
0	0.83787448	0.669	0.146	0	12	MGP	Pericyte/SM

0	0.64353795	0.57	0.121	0	12	SPARCL1	Pericyte/SM
0	0.7459732	0.641	0.158	0	12	TIMP3	Pericyte/SM
0	0.78267587	0.672	0.174	0	12	CRIP1	Pericyte/SM
0	0.25822449	0.275	0.025	0	12	LHFP	Pericyte/SM
0	0.26393827	0.25	0.024	0	12	PPP1R14.	Pericyte/SM
0	0.45604238	0.373	0.063	0	12	MT1M	Pericyte/SM
0	0.35147053	0.385	0.051	0	12	SOD3	Pericyte/SM
0	0.3714598	0.389	0.055	0	12	MYLK	Pericyte/SM
0	0.26662453	0.24	0.028	0	12	SNCG	Pericyte/SM
0	0.30775074	0.28	0.038	0	12	PTN	Pericyte/SM
0	0.31307866	0.334	0.049	0	12	BGN	Pericyte/SM
0	0.86216583	0.805	0.41	0	12	DSTN	Pericyte/SM
0	0.94165664	0.87	0.5	0	12	MT2A	Pericyte/SM
0	0.30148861	0.329	0.061	0	12	LBH	Pericyte/SM
0	0.41531506	0.458	0.119	0	12	A2M	Pericyte/SM
0	0.39698236	0.549	0.149	0	12	IGFBP5	Pericyte/SM
0	0.25363484	0.22	0.04	0	12	HOPX	Pericyte/SM
0	0.4427062	0.536	0.189	0	12	TSC22D1	Pericyte/SM
0	0.27610912	0.364	0.083	0	12	CAV1	Pericyte/SM
0	0.41235602	0.506	0.176	0	12	TPM1	Pericyte/SM
0	0.30024559	0.349	0.099	0	12	FLNA	Pericyte/SM
0	0.47289582	0.543	0.267	0	12	MT1X	Pericyte/SM
0	0.2714471	0.359	0.102	0	12	EPAS1	Pericyte/SM
0	0.3954778	0.54	0.226	0	12	MT1E	Pericyte/SM
0	0.33979623	0.43	0.16	0	12	SELM	Pericyte/SM
0	0.31112241	0.428	0.148	0	12	CRIP2	Pericyte/SM
0	0.49641336	0.803	0.469	0	12	IGFBP7	Pericyte/SM
0	0.50670543	0.715	0.427	0	12	HSPB1	Pericyte/SM
0	0.41159166	0.728	0.355	0	12	LGALS1	Pericyte/SM
0	0.27467761	0.312	0.106	0	12	ID3	Pericyte/SM
0	0.2669941	0.325	0.114	0	12	TM4SF1	Pericyte/SM
0	0.26624355	0.388	0.148	0	12	MEF2C	Pericyte/SM
4.93E-265	0.33430883	0.651	0.383	1E-260	12	IFITM3	Pericyte/SM
2.09E-263	0.40567899	0.734	0.537	5E-259	12	MYL6	Pericyte/SM
6.57E-215	0.26662424	0.616	0.358	1E-210	12	VIM	Pericyte/SM
3.05E-196	0.28783102	0.752	0.557	7E-192	12	CALM2	Pericyte/SM
7.077E-85	0.29151239	0.501	0.377	1.6E-80	12	JUNB	Pericyte/SM
3.73E-193	0.26140386	0.974	0.937	8E-189	12	PTMA	Pericyte/SM
5.73E-108	-0.2891373	0.028	0.164	1E-103	12	FCER1G	Pericyte/SM
5.58E-78	-0.3127465	0.022	0.124	1.2E-73	12	CCL3	Pericyte/SM
1.195E-75	-0.3176317	0.021	0.119	2.6E-71	12	C1QA	Pericyte/SM
1.1E-107	-0.4372999	0.025	0.159	2E-103	12	LYZ	Pericyte/SM
6.59E-108	-0.3038116	0.042	0.184	1E-103	12	RGS1	Pericyte/SM
2.476E-72	-0.2887262	0.034	0.136	5.5E-68	12	CCL4	Pericyte/SM
2.347E-74	-0.2562404	0.048	0.159	5.2E-70	12	CCL5	Pericyte/SM
1.86E-121	-0.3484309	0.045	0.201	4E-117	12	AIF1	Pericyte/SM
4.54E-117	-0.3447408	0.049	0.2	1E-112	12	TYROBP	Pericyte/SM
3.719E-67	-0.282815	0.048	0.15	8.2E-63	12	CXCL2	Pericyte/SM

6.71E-119	-0.2885194	0.085	0.252	1E-114	12	CXCR4	Pericyte/SM
3.448E-51	-0.2526085	0.075	0.167	7.6E-47	12	CXCL14	Pericyte/SM
4.03E-162	-0.2765148	0.163	0.384	9E-158	12	S100A10	Pericyte/SM
4.48E-263	-0.4247443	0.109	0.39	1E-258	12	CYBA	Pericyte/SM
1.566E-46	-0.2595207	0.075	0.162	3.5E-42	12	MMP7	Pericyte/SM
2.762E-77	-0.2889895	0.113	0.239	6.1E-73	12	HLA-DPB1	Pericyte/SM
2.21E-149	-0.3477289	0.138	0.338	5E-145	12	CTSD	Pericyte/SM
4.79E-115	-0.3023761	0.151	0.32	1E-110	12	NPC2	Pericyte/SM
7.475E-70	-0.2549278	0.178	0.303	1.7E-65	12	NFKBIA	Pericyte/SM
5.74E-158	-0.3653849	0.144	0.351	1E-153	12	CD24	Pericyte/SM
1.756E-81	-0.2641452	0.201	0.342	3.9E-77	12	PSAP	Pericyte/SM
7.701E-51	-0.3332751	0.098	0.192	1.7E-46	12	APOE	Pericyte/SM
1.647E-71	-0.4548432	0.067	0.179	3.6E-67	12	S100A2	Pericyte/SM
5.34E-103	-0.2557082	0.363	0.529	1.2E-98	12	HLA-B	Pericyte/SM
1.11E-162	-0.3524466	0.224	0.439	2E-158	12	KLF6	Pericyte/SM
1.82E-126	-0.4035328	0.151	0.329	4E-122	12	FXYD2	Pericyte/SM
3.785E-77	-0.3373228	0.207	0.334	8.4E-73	12	SRGN	Pericyte/SM
1.514E-50	-0.2701612	0.426	0.521	3.3E-46	12	DUSP1	Pericyte/SM
1.52E-112	-0.2826706	0.573	0.697	3E-108	12	RPS26	Pericyte/SM
3.11E-117	-0.2766721	0.716	0.805	7E-113	12	TPT1	Pericyte/SM
9.961E-88	-0.2573071	0.861	0.895	2.2E-83	12	RPS19	Pericyte/SM
9.91E-142	-0.6246948	0.124	0.31	2E-137	12	DEFB1	Pericyte/SM
4.26E-101	-0.2906178	0.804	0.862	9.4E-97	12	NEAT1	Pericyte/SM
2.33E-125	-0.4590141	0.283	0.467	5E-121	12	CD74	Pericyte/SM
1.114E-34	-0.2910084	0.962	0.95	2.5E-30	12	B2M	Pericyte/SM
7.056E-47	-0.2948342	0.904	0.886	1.6E-42	12	TMSB4X	Pericyte/SM
6.576E-87	-0.5692453	0.16	0.298	1.5E-82	12	WFDC2	Pericyte/SM
1.63E-272	-0.5778411	0.316	0.584	4E-268	12	SAT1	Pericyte/SM
3.6E-251	-0.3948152	0.643	0.807	8E-247	12	RPL28	Pericyte/SM
7.77E-114	-0.5760063	0.217	0.387	2E-109	12	ATP1B1	Pericyte/SM
6.96E-290	-0.3909535	0.823	0.931	2E-285	12	RPS29	Pericyte/SM
1.06E-174	-0.7782617	0.172	0.383	2E-170	12	HLA-DRA	Pericyte/SM
0	-0.5305457	0.689	0.865	0	12	TMSB10	Pericyte/SM
9.04E-114	-2.0399367	0.039	0.186	2E-109	12	IGKC	Pericyte/SM
6.07E-284	-0.4613957	0.887	0.943	1E-279	12	RPL39	Pericyte/SM
0.0042925	-0.5771644	0.23	0.241	1	12	MT1G	Pericyte/SM
1.664E-79	-0.9352043	0.261	0.385	3.7E-75	12	SPP1	Pericyte/SM
1.25E-129	-0.8130556	0.708	0.79	3E-125	12	FTL	Pericyte/SM
0	0.59017259	0.359	0.014	0	13	SLC12A3	DCT
0	1.32214684	0.75	0.089	0	13	TMEM52E	DCT
0	0.57390857	0.501	0.044	0	13	KNG1	DCT
0	1.48575337	0.969	0.361	0	13	ATP1B1	DCT
0	1.03557034	0.902	0.283	0	13	DEFB1	DCT
0	0.34503792	0.31	0.044	0	13	SFRP1	DCT
0	0.59298197	0.568	0.141	0	13	WNK1	DCT
0	0.43792875	0.478	0.116	0	13	CA12	DCT
0	0.44875837	0.522	0.141	0	13	KCNJ16	DCT
0	0.66405021	0.758	0.307	0	13	FXYD2	DCT

0	0.33798357	0.357	0.079	0	13	HSD11B2	DCT
0	0.35638317	0.423	0.123	0	13	MAL	DCT
0	0.30029058	0.322	0.092	0	13	ACSL4	DCT
2.36E-262	0.33831833	0.269	0.095	5E-258	13	SLC12A1	DCT
0	0.30996377	0.367	0.135	0	13	PCSK1N	DCT
0	0.36389101	0.565	0.249	0	13	ATP1A1	DCT
0	0.27075857	0.358	0.12	0	13	NUDT4	DCT
2.93E-289	0.26656798	0.291	0.102	6E-285	13	GDF15	DCT
0	0.27080212	0.406	0.146	0	13	CDH16	DCT
2.96E-268	0.28036574	0.304	0.114	7E-264	13	KRT19	DCT
0	0.34171792	0.679	0.332	0	13	CD24	DCT
4.33E-284	0.29445549	0.372	0.158	1E-279	13	NFE2L2	DCT
1.71E-302	0.2847632	0.418	0.178	4E-298	13	EMX2	DCT
6.42E-250	0.33215201	0.657	0.415	1E-245	13	DSTN	DCT
0	0.43618429	0.96	0.799	0	13	MT-ND4L	DCT
4.04E-158	0.28257072	0.431	0.239	9E-154	13	HES1	DCT
1.22E-216	0.29272203	0.538	0.319	3E-212	13	WSB1	DCT
5.31E-184	0.26647646	0.555	0.348	1E-179	13	COX5B	DCT
6.59E-120	0.26599839	0.545	0.384	1E-115	13	HNRNPH1	DCT
7.16E-188	0.2796203	0.746	0.561	2E-183	13	ATP5I	DCT
0	0.3508404	0.999	0.963	0	13	MT-ND1	DCT
0	0.35281354	1	1	0	13	MT-CO3	DCT
1.14E-185	0.27522701	0.803	0.632	3E-181	13	COX7C	DCT
1.8E-266	0.3328506	1	0.999	4E-262	13	MT-ND3	DCT
9.63E-228	0.30194505	0.984	0.923	2E-223	13	MT-ND5	DCT
6.31E-191	0.29284365	0.999	0.995	1E-186	13	MT-ND2	DCT
1.485E-78	-0.2547626	0.007	0.102	3.3E-74	13	C1QB	DCT
1.847E-95	-0.3389168	0.007	0.12	4.1E-91	13	C1QA	DCT
3.49E-125	-0.3087295	0.017	0.164	8E-121	13	FCER1G	DCT
6.816E-96	-0.3176957	0.017	0.136	1.5E-91	13	CCL4	DCT
6.54E-114	-0.308687	0.021	0.16	1E-109	13	CCL5	DCT
1.99E-131	-0.2708896	0.028	0.187	4E-127	13	CD52	DCT
5.763E-86	-0.3322383	0.016	0.124	1.3E-81	13	CCL3	DCT
3.21E-152	-0.3858846	0.025	0.201	7E-148	13	TYROBP	DCT
6.87E-121	-0.3254448	0.033	0.184	2E-116	13	RGS1	DCT
7.78E-144	-0.3821923	0.031	0.201	2E-139	13	AIF1	DCT
1.87E-111	-0.280714	0.041	0.185	4E-107	13	SPARC	DCT
1.26E-137	-0.3082576	0.044	0.215	3E-133	13	HLA-DPA1	DCT
4.28E-104	-0.2718416	0.043	0.182	9E-100	13	IFI27	DCT
2.65E-105	-0.4470419	0.026	0.159	6E-101	13	LYZ	DCT
1.27E-127	-0.2824449	0.06	0.228	3E-123	13	HLA-DRB1	DCT
5.1E-160	-0.4299536	0.041	0.232	1E-155	13	TIMP1	DCT
3.42E-159	-0.3229242	0.065	0.263	8E-155	13	IL32	DCT
7.78E-153	-0.3739435	0.053	0.241	2E-148	13	HLA-DPB1	DCT
8.18E-283	-0.5367337	0.052	0.339	2E-278	13	SRGN	DCT
1.567E-73	-0.3094898	0.043	0.15	3.5E-69	13	CXCL2	DCT
4.15E-143	-0.3241309	0.069	0.252	9E-139	13	CXCR4	DCT
3.74E-307	-0.5117434	0.071	0.377	8E-303	13	VIM	DCT

1.57E-54	-0.3028651	0.053	0.141	3.5E-50	13	CTGF	DCT
1.056E-49	-0.2888536	0.056	0.139	2.3E-45	13	SPARCL1	DCT
4.353E-76	-0.3728616	0.054	0.167	9.6E-72	13	MGP	DCT
2.7E-126	-0.2792022	0.141	0.325	6E-122	13	GPX1	DCT
1.17E-165	-0.3245266	0.131	0.343	3E-161	13	SH3BGRL	DCT
5.39E-139	-0.3301447	0.117	0.305	1E-134	13	NFKBIA	DCT
5.37E-111	-0.2530504	0.23	0.403	1E-106	13	MYL12A	DCT
1.93E-202	-0.3891739	0.149	0.388	4E-198	13	CYBA	DCT
1.7E-78	-0.2678945	0.184	0.319	3.8E-74	13	NPC2	DCT
8.04E-146	-0.264488	0.305	0.511	2E-141	13	EEF1D	DCT
2.944E-82	-0.2523192	0.257	0.401	6.5E-78	13	BTG1	DCT
4.17E-132	-0.2829497	0.271	0.463	9E-128	13	HLA-A	DCT
1.45E-109	-0.2993521	0.215	0.386	3E-105	13	ZFP36	DCT
2.47E-129	-0.2564108	0.365	0.555	5E-125	13	RPL27	DCT
7.22E-151	-2.1603932	0.015	0.187	2E-146	13	IGKC	DCT
7.38E-140	-0.2967288	0.286	0.482	2E-135	13	PFN1	DCT
7.57E-121	-0.2511959	0.417	0.594	2E-116	13	RPL18	DCT
8.06E-164	-0.3941361	0.189	0.399	2E-159	13	IFITM3	DCT
8.42E-151	-0.2827253	0.423	0.62	2E-146	13	UBA52	DCT
2.5E-128	-0.320915	0.289	0.471	6E-124	13	PABPC1	DCT
1.91E-125	-0.2557974	0.544	0.698	4E-121	13	RPL9	DCT
3.95E-117	-0.2552357	0.542	0.69	9E-113	13	RPL15	DCT
2.495E-33	-0.3253116	0.119	0.192	5.5E-29	13	APOE	DCT
3.87E-192	-0.3172697	0.399	0.623	9E-188	13	RPS16	DCT
3.26E-253	-0.4248737	0.26	0.532	7E-249	13	HLA-B	DCT
9.39E-165	-0.2999146	0.471	0.66	2E-160	13	RPS9	DCT
2.04E-123	-0.2972294	0.479	0.642	5E-119	13	H3F3B	DCT
2.06E-117	-0.2651842	0.638	0.756	5E-113	13	RPS24	DCT
1.32E-147	-0.2907508	0.548	0.707	3E-143	13	RPL19	DCT
7.92E-130	-0.2549584	0.762	0.86	2E-125	13	RPL36	DCT
9.31E-133	-0.2568276	0.743	0.842	2E-128	13	RPL35	DCT
3.04E-107	-0.2652488	0.633	0.737	7E-103	13	RPL3	DCT
1.01E-129	-0.2885428	0.632	0.759	2E-125	13	RPL7	DCT
2.13E-129	-0.2770625	0.699	0.804	5E-125	13	RPL11	DCT
2.08E-149	-0.3103661	0.566	0.72	5E-145	13	RPS4X	DCT
1.07E-149	-0.2996145	0.622	0.761	2E-145	13	RPL35A	DCT
7E-163	-0.5552925	0.169	0.374	2E-158	13	LGALS1	DCT
6.749E-84	-0.337421	0.389	0.523	1.5E-79	13	DUSP1	DCT
2.66E-199	-0.3441889	0.525	0.717	6E-195	13	RPS13	DCT
1.557E-13	-0.3335836	0.124	0.164	3.4E-09	13	IGFBP5	DCT
1.78E-182	-0.3544397	0.471	0.661	4E-178	13	RPS3	DCT
0	-0.7382703	0.163	0.471	0	13	CD74	DCT
1.03E-262	-0.9023621	0.11	0.385	2E-258	13	HLA-DRA	DCT
5.31E-140	-0.2673833	0.91	0.94	1E-135	13	PTMA	DCT
1.82E-201	-0.3658614	0.496	0.7	4E-197	13	RPS26	DCT
1.43E-152	-0.2850851	0.803	0.883	3E-148	13	RPS14	DCT
1.94E-145	-0.2938072	0.745	0.84	4E-141	13	RPL26	DCT
5.87E-215	-0.3609157	0.55	0.742	1E-210	13	RPL27A	DCT

2.58E-142	-0.3051084	0.77	0.853	6E-138	13	RPS6	DCT
3.233E-52	-0.3100403	0.613	0.686	7.1E-48	13	FOS	DCT
1.14E-193	-0.3444419	0.674	0.815	3E-189	13	RPL12	DCT
7.51E-204	-0.3774183	0.591	0.762	2E-199	13	RPS3A	DCT
1.63E-221	-0.335596	0.853	0.92	4E-217	13	RPS27A	DCT
7.43E-300	-0.4809951	0.462	0.71	2E-295	13	RPS2	DCT
1.61E-239	-0.3536943	0.802	0.898	4E-235	13	RPS15	DCT
1.62E-176	-0.3535209	0.774	0.862	4E-172	13	RPS8	DCT
2.05E-235	-0.3750894	0.739	0.862	5E-231	13	RPS12	DCT
8.73E-286	-0.4278106	0.62	0.809	2E-281	13	TPT1	DCT
4.535E-21	-0.411918	0.222	0.278	1E-16	13	MT1X	DCT
0	-0.4967899	0.517	0.761	0	13	RPL18A	DCT
0	-0.447317	0.655	0.838	0	13	RPLP2	DCT
0	-0.4534495	0.627	0.807	0	13	RPL28	DCT
3.24E-253	-0.3742228	0.962	0.98	7E-249	13	RPL34	DCT
3.15E-302	-0.4279907	0.797	0.906	7E-298	13	RPL32	DCT
0	-0.4785824	0.653	0.83	0	13	RPS15A	DCT
5.97E-152	-0.424179	0.743	0.835	1E-147	13	ACTB	DCT
3.42E-267	-0.4317171	0.851	0.926	8E-263	13	RPS18	DCT
0	-0.4360099	0.888	0.95	0	13	RPL21	DCT
0	-0.473263	0.81	0.917	0	13	RPL13A	DCT
3.27E-139	-0.4636616	0.732	0.803	7E-135	13	FTH1	DCT
0	-0.4957987	0.811	0.926	0	13	RPLP1	DCT
0	-0.4992676	0.804	0.924	0	13	RPL13	DCT
0	-0.5157508	0.787	0.898	0	13	RPS19	DCT
0	-0.4885369	0.941	0.971	0	13	RPS27	DCT
0	-0.5398133	0.875	0.943	0	13	RPL39	DCT
0	-0.5958049	0.801	0.918	0	13	RPL10	DCT
0	-0.7279549	0.714	0.864	0	13	TMSB10	DCT
1.932E-79	-0.4462852	0.4	0.235	4.3E-75	13	MT1G	DCT
4.09E-181	-0.9258976	0.683	0.791	9E-177	13	FTL	DCT
0	-1.1873102	0.704	0.893	0	13	TMSB4X	DCT
0	-1.1936103	0.855	0.953	0	13	B2M	DCT
0	1.1968616	0.726	0.007	0	14	NPHS2	Podocytes
0	0.79695559	0.621	0.004	0	14	RP11-550	Podocytes
0	0.90432924	0.695	0.009	0	14	FGF1	Podocytes
0	1.12880823	0.79	0.014	0	14	CLIC5	Podocytes
0	1.93543633	0.903	0.029	0	14	PTGDS	Podocytes
0	0.43367342	0.411	0.003	0	14	NDNF	Podocytes
0	0.65147632	0.535	0.006	0	14	PCOLCE2	Podocytes
0	1.11757854	0.759	0.015	0	14	DCN	Podocytes
0	0.7600763	0.661	0.009	0	14	PLA2R1	Podocytes
0	0.85272824	0.693	0.011	0	14	PTPRO	Podocytes
0	0.99491032	0.749	0.014	0	14	MME	Podocytes
0	0.45426509	0.447	0.004	0	14	WT1	Podocytes
0	0.63458428	0.543	0.008	0	14	TNNT2	Podocytes
0	0.29767413	0.285	0.002	0	14	NTNG1	Podocytes
0	0.82135021	0.633	0.013	0	14	SPOCK1	Podocytes

0	0.26649793	0.251	0.002	0	14	CFAP45	Podocytes
0	0.25144305	0.258	0.002	0	14	NPHS1	Podocytes
0	1.71691331	0.94	0.051	0	14	PODXL	Podocytes
0	0.2512984	0.231	0.002	0	14	PTPRQ	Podocytes
0	0.61817949	0.51	0.011	0	14	TPPP3	Podocytes
0	0.3321221	0.322	0.004	0	14	TCF21	Podocytes
0	1.23076673	0.837	0.039	0	14	HTRA1	Podocytes
0	0.36900644	0.363	0.006	0	14	C14orf37	Podocytes
0	0.62523561	0.467	0.014	0	14	APOD	Podocytes
0	0.94831587	0.724	0.035	0	14	NPNT	Podocytes
0	0.38887883	0.373	0.008	0	14	F3	Podocytes
0	0.64991327	0.564	0.022	0	14	ENPEP	Podocytes
0	0.36787744	0.348	0.008	0	14	GAS1	Podocytes
0	0.46932344	0.434	0.014	0	14	TMEM150	Podocytes
0	0.59136591	0.552	0.023	0	14	SPOCK2	Podocytes
0	0.98840921	0.701	0.051	0	14	IGFBP2	Podocytes
0	0.30384637	0.311	0.007	0	14	NFASC	Podocytes
0	0.46144701	0.431	0.015	0	14	ALS2CL	Podocytes
0	0.64602738	0.592	0.033	0	14	ZDHHC6	Podocytes
0	0.261332	0.258	0.006	0	14	ST6GALNA	Podocytes
0	0.44693211	0.443	0.018	0	14	NEBL	Podocytes
0	0.4730451	0.459	0.022	0	14	SEMA5A	Podocytes
0	0.87059819	0.665	0.06	0	14	VEGFA	Podocytes
0	0.54829022	0.541	0.033	0	14	COL4A3	Podocytes
0	0.62163055	0.574	0.042	0	14	TGFBR3	Podocytes
0	0.72222239	0.574	0.05	0	14	CDKN1C	Podocytes
0	0.33199573	0.341	0.014	0	14	DACH1	Podocytes
0	0.2793637	0.289	0.01	0	14	SULF1	Podocytes
0	0.25915297	0.246	0.008	0	14	RAMP1	Podocytes
0	0.46346761	0.462	0.027	0	14	SYNPO	Podocytes
0	0.42682842	0.427	0.024	0	14	PDLIM2	Podocytes
0	0.42666871	0.42	0.024	0	14	SBSPON	Podocytes
0	1.16770278	0.767	0.121	0	14	CTGF	Podocytes
0	0.44149909	0.436	0.028	0	14	NES	Podocytes
0	0.87346295	0.764	0.103	0	14	MYL9	Podocytes
0	0.65686048	0.62	0.065	0	14	TJP1	Podocytes
0	0.2684009	0.249	0.011	0	14	IGF1	Podocytes
0	0.35376447	0.359	0.021	0	14	GMDS	Podocytes
0	0.32391665	0.298	0.016	0	14	CLDN11	Podocytes
0	0.94964869	0.776	0.127	0	14	CRIM1	Podocytes
0	0.51951959	0.491	0.044	0	14	CDC42EP	Podocytes
0	0.25602481	0.262	0.012	0	14	SNCA	Podocytes
0	0.35356209	0.373	0.027	0	14	FOXC1	Podocytes
0	0.41533313	0.436	0.038	0	14	THSD7A	Podocytes
0	1.4039637	0.52	0.154	0	14	CXCL14	Podocytes
0	0.67884276	0.592	0.086	0	14	GOLIM4	Podocytes
0	0.2997616	0.32	0.021	0	14	MPP5	Podocytes
0	0.34741303	0.365	0.028	0	14	EPB41L5	Podocytes

0	0.42207515	0.436	0.043	0	14	IQGAP2	Podocytes
0	0.25671814	0.28	0.017	0	14	PTPRD	Podocytes
0	0.53829843	0.541	0.071	0	14	RARRES2	Podocytes
0	0.31047287	0.33	0.025	0	14	F2R	Podocytes
0	0.29063334	0.312	0.023	0	14	FRY	Podocytes
0	0.48770055	0.498	0.062	0	14	UACA	Podocytes
0	0.89075231	0.774	0.179	0	14	AIF1	Podocytes
0	0.68230344	0.61	0.117	0	14	BST2	Podocytes
0	0.32965713	0.353	0.036	0	14	SRGAP2C	Podocytes
0	0.25252699	0.277	0.023	0	14	TMEM98	Podocytes
0	0.41998745	0.424	0.061	0	14	TPM2	Podocytes
0	0.26895075	0.299	0.028	0	14	ARHGEF3	Podocytes
0	0.25236014	0.281	0.026	0	14	SEMA3B	Podocytes
0	0.58006092	0.609	0.13	0	14	BCAM	Podocytes
0	0.54951098	0.609	0.145	0	14	MYH9	Podocytes
0	0.2919048	0.315	0.04	0	14	NQO1	Podocytes
0	0.48221542	0.57	0.125	0	14	ACTN4	Podocytes
2.28E-279	0.99433942	0.478	0.219	5E-275	14	TIMP1	Podocytes
0	0.29390462	0.327	0.045	0	14	NDRG2	Podocytes
0	0.39445063	0.441	0.09	0	14	NUPR1	Podocytes
0	0.34707836	0.42	0.077	0	14	DST	Podocytes
0	0.3220514	0.38	0.066	0	14	SEPT11	Podocytes
0	0.51394597	0.592	0.165	0	14	VAMP5	Podocytes
0	0.2680502	0.316	0.046	0	14	PALLD	Podocytes
0	0.29423605	0.35	0.056	0	14	FAM134B	Podocytes
0	0.58915768	0.662	0.224	0	14	ANXA2	Podocytes
0	0.31122251	0.348	0.063	0	14	ITGB8	Podocytes
0	0.26537056	0.31	0.048	0	14	PRKCI	Podocytes
0	0.30546013	0.358	0.066	0	14	SLC9A3R2	Podocytes
0	0.27968153	0.338	0.06	0	14	PHACTR4	Podocytes
0	0.26429212	0.304	0.051	0	14	ITGA3	Podocytes
0	0.3736814	0.458	0.109	0	14	HIPK2	Podocytes
0	0.44435539	0.59	0.169	0	14	SPARC	Podocytes
0	0.35470788	0.453	0.107	0	14	RDX	Podocytes
0	0.32674106	0.375	0.084	0	14	ITGAV	Podocytes
0	0.28855437	0.359	0.072	0	14	PTH1R	Podocytes
0	0.98286494	0.958	0.655	0	14	ITM2B	Podocytes
0	0.30273164	0.382	0.089	0	14	CAPN2	Podocytes
0	0.31099684	0.423	0.102	0	14	MAFB	Podocytes
0	0.79791104	0.892	0.554	0	14	CALM2	Podocytes
0	0.25945298	0.316	0.064	0	14	MAL2	Podocytes
0	0.28122534	0.365	0.081	0	14	ARHGEF1	Podocytes
0	0.29124622	0.384	0.092	0	14	TIMP2	Podocytes
0	0.25574785	0.331	0.07	0	14	PAM	Podocytes
0	0.36158683	0.499	0.151	0	14	CD81	Podocytes
0	0.85874633	0.97	0.699	0	14	S100A6	Podocytes
2.994E-65	0.6353872	0.263	0.16	6.6E-61	14	IGFBP5	Podocytes
0	0.54236418	0.787	0.413	0	14	DSTN	Podocytes

0	0.29422502	0.391	0.113	0	14	CD151	Podocytes
0	0.48536763	0.724	0.358	0	14	LGALS1	Podocytes
0	0.31276312	0.534	0.172	0	14	CALD1	Podocytes
0	0.26424325	0.36	0.1	0	14	EIF3M	Podocytes
0	0.51525163	0.838	0.47	0	14	IGFBP7	Podocytes
0	0.34616481	0.503	0.192	0	14	VAMP2	Podocytes
0	0.3756144	0.538	0.233	0	14	HMGN3	Podocytes
0	0.28075625	0.394	0.132	0	14	LEPROT	Podocytes
1.39E-300	0.32137834	0.428	0.167	3E-296	14	TIMP3	Podocytes
0	0.42898602	0.72	0.383	0	14	IFITM3	Podocytes
0	0.25516846	0.371	0.12	0	14	SPATS2L	Podocytes
0	0.35134144	0.585	0.277	0	14	NGFRAP1	Podocytes
0	0.31899536	0.555	0.244	0	14	ITGB1	Podocytes
0	0.60926327	0.995	0.884	0	14	TMSB4X	Podocytes
1.04E-254	0.3749943	0.657	0.402	2E-250	14	DYNLL1	Podocytes
5.867E-87	0.25392704	0.194	0.091	1.3E-82	14	EMCN	Podocytes
5.43E-227	0.25490668	0.486	0.233	1E-222	14	WBP5	Podocytes
6.67E-194	0.29179145	0.532	0.301	1E-189	14	HSP90B1	Podocytes
6.61E-233	0.31757485	0.696	0.438	1E-228	14	TCEB2	Podocytes
3.49E-126	0.29847593	0.497	0.295	8E-122	14	S100A4	Podocytes
7.95E-186	0.28752739	0.661	0.429	2E-181	14	SKP1	Podocytes
3.27E-105	0.29194943	0.546	0.372	7E-101	14	S100A10	Podocytes
6.99E-165	0.25125701	0.62	0.386	2E-160	14	SEC62	Podocytes
1.865E-65	0.26783251	0.649	0.52	4.1E-61	14	HLA-B	Podocytes
6.403E-66	-0.2666225	0.046	0.162	1.4E-61	14	FCER1G	Podocytes
9.266E-54	-0.2734501	0.047	0.149	2E-49	14	CXCL2	Podocytes
4.188E-43	-0.2792245	0.04	0.123	9.3E-39	14	CCL3	Podocytes
2.215E-51	-0.2685228	0.058	0.161	4.9E-47	14	MMP7	Podocytes
7.859E-60	-0.2643331	0.067	0.182	1.7E-55	14	RGS1	Podocytes
1.082E-77	-0.3266279	0.063	0.199	2.4E-73	14	TYROBP	Podocytes
3.9E-31	-0.2691553	0.05	0.118	8.6E-27	14	C1QA	Podocytes
7.79E-127	-0.3032087	0.125	0.331	2E-122	14	DNAJB1	Podocytes
6.5E-180	-0.4284196	0.098	0.35	1E-175	14	CD24	Podocytes
1.22E-98	-0.2778869	0.146	0.324	2.7E-94	14	GPX1	Podocytes
2.904E-58	-0.396154	0.05	0.158	6.4E-54	14	LYZ	Podocytes
5.849E-64	-0.4437723	0.059	0.179	1.3E-59	14	S100A2	Podocytes
1.144E-93	-0.2765484	0.221	0.401	2.5E-89	14	BTG1	Podocytes
2.12E-106	-0.421727	0.11	0.297	5E-102	14	CLU	Podocytes
4.71E-187	-0.4108688	0.171	0.439	1E-182	14	KLF6	Podocytes
4.61E-114	-0.3984883	0.134	0.328	1E-109	14	FXYD2	Podocytes
7.068E-98	-0.3075386	0.206	0.385	1.6E-93	14	ZFP36	Podocytes
2.3E-131	-0.4342213	0.13	0.335	5E-127	14	SRGN	Podocytes
3.45E-107	-0.2558855	0.362	0.548	8E-103	14	UQCRB	Podocytes
1.899E-60	-0.2650519	0.257	0.384	4.2E-56	14	CYBA	Podocytes
2.37E-147	-0.6477018	0.089	0.31	5E-143	14	DEFB1	Podocytes
1.22E-115	-0.3286415	0.275	0.47	3E-111	14	PABPC1	Podocytes
1.44E-186	-0.4373636	0.228	0.494	3E-182	14	HSPA1B	Podocytes
5.71E-116	-0.279782	0.509	0.677	1E-111	14	RPL31	Podocytes

4.4E-113	-0.5894027	0.107	0.298	1E-108	14	WFDC2	Podocytes
9.918E-93	-0.2551678	0.583	0.701	2.2E-88	14	RPS17	Podocytes
9.66E-102	-0.3224799	0.348	0.527	2.1E-97	14	JUN	Podocytes
2.161E-91	-0.2708421	0.523	0.658	4.8E-87	14	RPS3	Podocytes
3.9E-121	-0.2816726	0.533	0.682	9E-117	14	RPL8	Podocytes
2.07E-164	-0.4529831	0.231	0.473	5E-160	14	HSPA1A	Podocytes
2.628E-88	-0.3616814	0.28	0.441	5.8E-84	14	HSPB1	Podocytes
1.07E-107	-0.2837214	0.582	0.714	2E-103	14	RPS13	Podocytes
4.06E-133	-0.3067723	0.499	0.658	9E-129	14	RPS9	Podocytes
3.2E-109	-0.2569591	0.766	0.841	7E-105	14	RPL35	Podocytes
6.344E-97	-0.2800501	0.602	0.718	1.4E-92	14	RPS4X	Podocytes
1.687E-97	-0.2806487	0.663	0.757	3.7E-93	14	RPL7	Podocytes
2.04E-124	-0.3011653	0.614	0.739	5E-120	14	RPL27A	Podocytes
2.974E-97	-0.2998595	0.588	0.696	6.6E-93	14	RPS26	Podocytes
5.24E-113	-0.2860327	0.773	0.852	1E-108	14	RPS6	Podocytes
1.01E-103	-0.2766019	0.807	0.859	2E-99	14	RPS12	Podocytes
6.72E-133	-0.2639713	0.953	0.967	1E-128	14	RPL41	Podocytes
3.519E-33	-0.3205719	0.377	0.463	7.8E-29	14	CD74	Podocytes
7.79E-100	-0.2815843	0.799	0.861	1.7E-95	14	RPS8	Podocytes
9.49E-105	-0.3941681	0.353	0.523	2E-100	14	DUSP1	Podocytes
1.1E-119	-0.2746693	0.869	0.896	2E-115	14	RPS15	Podocytes
6.33E-98	-0.2699209	0.946	0.948	1.4E-93	14	RPL21	Podocytes
1.421E-87	-0.2753839	1	1	3.1E-83	14	MT-CO3	Podocytes
6.84E-119	-0.3205507	0.655	0.759	2E-114	14	RPS3A	Podocytes
1.19E-169	-0.3197448	0.752	0.86	3E-165	14	RPL36	Podocytes
2.04E-146	-0.2980632	0.873	0.929	5E-142	14	RPS29	Podocytes
1.88E-143	-0.3631293	0.548	0.706	4E-139	14	RPS2	Podocytes
5.05E-188	-0.3414527	0.69	0.833	1E-183	14	RPS23	Podocytes
6.84E-147	-0.3318295	0.725	0.835	2E-142	14	RPLP2	Podocytes
2.278E-54	-0.2827076	0.884	0.858	5E-50	14	TMSB10	Podocytes
1.13E-223	-0.4021815	0.552	0.757	3E-219	14	RPS24	Podocytes
2.535E-95	-0.3017532	0.895	0.915	5.6E-91	14	RPL10	Podocytes
3.66E-153	-0.3663627	0.623	0.756	8E-149	14	RPL18A	Podocytes
1.48E-188	-0.3712637	0.665	0.814	3E-184	14	RPL12	Podocytes
2.12E-103	-0.3096656	0.992	0.995	5E-99	14	MT-ND2	Podocytes
1.09E-121	-0.3135691	0.956	0.97	2E-117	14	RPS27	Podocytes
8.27E-150	-0.3263967	0.869	0.914	2E-145	14	RPL13A	Podocytes
6.77E-154	-0.3164519	0.965	0.98	1E-149	14	RPL34	Podocytes
7.12E-200	-0.5531812	0.33	0.581	2E-195	14	SAT1	Podocytes
1.53E-169	-0.3466588	0.835	0.904	3E-165	14	RPL32	Podocytes
3.95E-214	-0.3935926	0.691	0.841	9E-210	14	RPL26	Podocytes
9.92E-155	-0.4084687	0.573	0.714	2E-150	14	HSP90AA	Podocytes
6.12E-101	-0.3349026	0.947	0.964	1.4E-96	14	MT-ND1	Podocytes
7.03E-177	-0.3820498	0.717	0.827	2E-172	14	RPS15A	Podocytes
3.59E-243	-0.4327757	0.62	0.806	8E-239	14	RPL28	Podocytes
1.53E-213	-0.4097279	0.659	0.806	3E-209	14	TPT1	Podocytes
2.42E-193	-0.38758	0.846	0.926	5E-189	14	RPS18	Podocytes
6.42E-224	-0.3910699	0.858	0.924	1E-219	14	RPLP1	Podocytes

1.29E-158	-0.366236	1	1	3E-154	14	MT-CO1	Podocytes
1.091E-96	-0.438575	0.573	0.686	2.4E-92	14	FOS	Podocytes
3.67E-158	-0.9812673	0.147	0.387	8E-154	14	SPP1	Podocytes
7.29E-236	-0.4036072	0.854	0.922	2E-231	14	RPL13	Podocytes
1.14E-274	-0.4739534	0.764	0.898	3E-270	14	RPS19	Podocytes
4.526E-45	-0.5543252	0.282	0.379	1E-40	14	HLA-DRA	Podocytes
4.975E-32	-0.5401393	0.328	0.383	1.1E-27	14	ATP1B1	Podocytes
1.71E-299	-0.5198196	0.875	0.943	4E-295	14	RPL39	Podocytes
8.972E-67	-0.6971252	0.747	0.789	2E-62	14	FTL	Podocytes
6.478E-24	-1.8814534	0.113	0.183	1.4E-19	14	IGKC	Podocytes
0	1.39230844	0.729	0.043	0	15	CALB1	CNT
0	0.48636884	0.219	0.009	0	15	KLK1	CNT
0	1.02505035	0.459	0.055	0	15	STC1	CNT
0	1.71745676	0.919	0.287	0	15	DEFB1	CNT
0	0.65454044	0.535	0.066	0	15	SLC8A1	CNT
0	0.49783621	0.492	0.078	0	15	HSD11B2	CNT
0	1.19985867	0.935	0.367	0	15	ATP1B1	CNT
0	0.50032405	0.54	0.1	0	15	TMEM52E	CNT
0	0.35500744	0.352	0.069	0	15	AQP2	CNT
0	0.42882137	0.541	0.145	0	15	CDH16	CNT
0	0.33850525	0.381	0.085	0	15	CA2	CNT
0	0.39953704	0.479	0.146	0	15	WNK1	CNT
0	0.53018553	0.688	0.313	0	15	FXYD2	CNT
0	0.30266836	0.406	0.124	0	15	CAMK2N1	CNT
0	0.33800479	0.462	0.168	0	15	S100A2	CNT
4.01E-295	0.28577599	0.319	0.102	9E-291	15	GDF15	CNT
0	0.35525067	0.634	0.284	0	15	WFDC2	CNT
8.05E-289	0.25329574	0.353	0.122	2E-284	15	CA12	CNT
7.82E-308	0.4073955	0.691	0.391	2E-303	15	COX7B	CNT
2.93E-283	0.28007143	0.411	0.163	6E-279	15	COX20	CNT
5.22E-207	0.38248337	0.632	0.374	1E-202	15	SPP1	CNT
3.19E-262	0.2505462	0.409	0.165	7E-258	15	CHCHD10	CNT
0	0.50039003	0.98	0.8	0	15	MT-ND4L	CNT
4.29E-207	0.30975406	0.51	0.272	9E-203	15	MRPL33	CNT
2.33E-178	0.26160943	0.352	0.16	5E-174	15	NFE2L2	CNT
2.59E-243	0.39608863	0.753	0.528	6E-239	15	NDUFA4	CNT
3.05E-119	0.31918349	0.424	0.241	7E-115	15	HES1	CNT
6.19E-202	0.31298334	0.592	0.348	1E-197	15	COX5B	CNT
6.48E-212	0.32836379	0.671	0.424	1E-207	15	UQCRQ	CNT
2.1E-182	0.25969336	0.478	0.247	5E-178	15	MT-ATP8	CNT
3.4E-199	0.29708017	0.642	0.388	8E-195	15	NDUFA1	CNT
1.62E-201	0.25921253	0.635	0.336	4E-197	15	CD24	CNT
1.48E-217	0.35276078	0.773	0.561	3E-213	15	ATP5I	CNT
0	0.45284455	0.999	0.963	0	15	MT-ND1	CNT
4.71E-148	0.25405938	0.493	0.286	1E-143	15	COX8A	CNT
0	0.39586765	0.994	0.923	0	15	MT-ND5	CNT
3.09E-196	0.3250107	0.824	0.633	7E-192	15	COX7C	CNT
2.72E-147	0.28405865	0.63	0.429	6E-143	15	COX6B1	CNT

0	0.40510762	1	1	0	15	MT-CO3	CNT
0	0.37759251	1	1	0	15	MT-CO1	CNT
2.4E-294	0.30822557	1	0.999	5E-290	15	MT-ND4	CNT
0	0.30165227	1	1	0	15	MT-CO2	CNT
7.69E-176	0.25338273	1	0.999	2E-171	15	MT-ND3	CNT
1.607E-79	-0.3426007	0.006	0.124	3.5E-75	15	CCL3	CNT
4.374E-61	-0.2520164	0.007	0.101	9.7E-57	15	C1QB	CNT
4.9E-105	-0.3128137	0.01	0.163	1E-100	15	FCER1G	CNT
1.41E-82	-0.3245624	0.011	0.136	3.1E-78	15	CCL4	CNT
1.082E-70	-0.3326513	0.01	0.119	2.4E-66	15	C1QA	CNT
2.225E-90	-0.3078281	0.019	0.159	4.9E-86	15	CCL5	CNT
1.03E-107	-0.3307776	0.021	0.183	2E-103	15	RGS1	CNT
3.05E-101	-0.2667245	0.029	0.186	6.7E-97	15	CD52	CNT
5.365E-94	-0.4542093	0.016	0.159	1.2E-89	15	LYZ	CNT
2.77E-116	-0.3821152	0.027	0.2	6E-112	15	TYROBP	CNT
1.82E-113	-0.3777663	0.029	0.2	4E-109	15	AIF1	CNT
1.09E-235	-0.5490128	0.04	0.337	2E-231	15	SRGN	CNT
8.376E-79	-0.2620686	0.047	0.184	1.9E-74	15	SPARC	CNT
7.22E-133	-0.3452993	0.051	0.251	2E-128	15	CXCR4	CNT
1.89E-119	-0.250576	0.079	0.275	4E-115	15	TSC22D3	CNT
6.29E-99	-0.2996401	0.052	0.214	1.4E-94	15	HLA-DPA1	CNT
5.746E-69	-0.2547893	0.054	0.18	1.3E-64	15	IFI27	CNT
3.37E-127	-0.3250657	0.063	0.261	7E-123	15	IL32	CNT
5.31E-255	-0.5165725	0.057	0.375	1E-250	15	VIM	CNT
2.64E-52	-0.2930543	0.041	0.139	5.8E-48	15	SPARCL1	CNT
3.037E-83	-0.2641085	0.075	0.227	6.7E-79	15	HLA-DRB1	CNT
6.77E-112	-0.36502	0.06	0.24	1E-107	15	HLA-DPB1	CNT
3.29E-104	-0.3940447	0.058	0.23	7E-100	15	TIMP1	CNT
7.596E-45	-0.2906253	0.049	0.141	1.7E-40	15	CTGF	CNT
2.467E-46	-0.2841608	0.055	0.149	5.5E-42	15	CXCL2	CNT
1.15E-133	-0.3521186	0.093	0.304	3E-129	15	NFKBIA	CNT
1.04E-119	-0.3120911	0.14	0.341	2E-115	15	SH3BGRL	CNT
8.022E-75	-0.2567378	0.17	0.323	1.8E-70	15	GPX1	CNT
1.053E-96	-0.3349975	0.13	0.305	2.3E-92	15	S100A4	CNT
3.902E-92	-0.2586927	0.226	0.402	8.6E-88	15	MYL12A	CNT
8.33E-164	-0.3934769	0.144	0.387	2E-159	15	CYBA	CNT
3.99E-120	-2.1491376	0.013	0.185	9E-116	15	IGKC	CNT
2.13E-83	-0.2784846	0.234	0.4	4.7E-79	15	BTG1	CNT
1.27E-117	-0.2740311	0.304	0.509	3E-113	15	EEF1D	CNT
2.63E-104	-0.2867275	0.272	0.461	6E-100	15	HLA-A	CNT
2.092E-89	-0.3067738	0.213	0.385	4.6E-85	15	ZFP36	CNT
2.41E-106	-0.2781766	0.357	0.54	5E-102	15	RPL30	CNT
1.12E-143	-0.3423248	0.26	0.481	2E-139	15	PFN1	CNT
1.58E-190	-0.6228017	0.112	0.374	3E-186	15	LGALS1	CNT
2.209E-89	-0.2501894	0.465	0.618	4.9E-85	15	UBA52	CNT
4.738E-67	-0.2952027	0.255	0.396	1E-62	15	IFITM3	CNT
1.71E-105	-0.2785778	0.421	0.595	4E-101	15	RPS5	CNT
2.97E-112	-0.3371096	0.277	0.47	7E-108	15	PABPC1	CNT

6.005E-95	-0.2508743	0.558	0.696	1.3E-90	15	RPL9	CNT
5.03E-200	-0.4227212	0.256	0.53	1E-195	15	HLA-B	CNT
1.501E-85	-0.2522604	0.583	0.705	3.3E-81	15	RPL19	CNT
7.862E-19	-0.3021913	0.133	0.191	1.7E-14	15	APOE	CNT
1.12E-142	-0.3167759	0.418	0.621	2E-138	15	RPS16	CNT
3.958E-80	-0.3379128	0.279	0.432	8.7E-76	15	CST3	CNT
1.149E-87	-0.2743684	0.559	0.697	2.5E-83	15	RPS26	CNT
0.0002204	-0.25582	0.146	0.164	1	15	MGP	CNT
3.065E-86	-0.2663202	0.66	0.757	6.8E-82	15	RPL7	CNT
5.32E-107	-0.2819093	0.622	0.755	1E-102	15	RPS24	CNT
2.29E-105	-0.2821876	0.626	0.76	5E-101	15	RPL35A	CNT
1.61E-133	-0.3459427	0.451	0.642	4E-129	15	H3F3B	CNT
1.78E-121	-0.2818155	0.735	0.842	4E-117	15	RPL35	CNT
2.24E-123	-0.3029751	0.646	0.776	5E-119	15	RPL23A	CNT
5.88E-117	-0.2944385	0.688	0.803	1E-112	15	RPL11	CNT
9.833E-66	-0.3378471	0.392	0.522	2.2E-61	15	DUSP1	CNT
3.38E-107	-0.2885773	0.716	0.813	7E-103	15	RPL12	CNT
3.79E-149	-0.3595953	0.469	0.659	8E-145	15	RPS3	CNT
5.39E-127	-0.2872334	0.789	0.883	1E-122	15	RPS14	CNT
1.125E-98	-0.2846385	0.778	0.852	2.5E-94	15	RPS6	CNT
5.87E-109	-0.2896786	0.753	0.839	1E-104	15	RPL26	CNT
8.33E-178	-0.3694187	0.512	0.716	2E-173	15	RPS13	CNT
7.061E-59	-0.4992626	0.152	0.279	1.6E-54	15	MT1X	CNT
2.25E-179	-0.3757975	0.556	0.741	5E-175	15	RPL27A	CNT
1.807E-44	-0.449322	0.196	0.305	4E-40	15	ADIRF	CNT
1.42E-143	-0.3301829	0.767	0.86	3E-139	15	RPS12	CNT
6.38E-183	-0.8773036	0.132	0.383	1E-178	15	HLA-DRA	CNT
2.7E-166	-0.3257507	0.886	0.94	6E-162	15	PTMA	CNT
1.588E-71	-0.3758867	0.563	0.686	3.5E-67	15	FOS	CNT
2.65E-179	-0.3459399	0.814	0.897	6E-175	15	RPS15	CNT
3.45E-192	-0.4148425	0.579	0.761	8E-188	15	RPS3A	CNT
2.65E-73	-0.350498	0.779	0.834	5.9E-69	15	ACTB	CNT
3.55E-166	-0.3799069	0.758	0.862	8E-162	15	RPS8	CNT
2.76E-206	-0.4127307	0.652	0.805	6E-202	15	RPL28	CNT
1.32E-207	-0.4623303	0.512	0.706	3E-203	15	RPS2	CNT
1.08E-214	-0.3746204	0.834	0.92	2E-210	15	RPS27A	CNT
1.57E-229	-0.4364744	0.63	0.807	3E-225	15	TPT1	CNT
1.55E-143	-0.6152429	0.259	0.466	3E-139	15	CD74	CNT
4.72E-218	-0.4181942	0.687	0.836	1E-213	15	RPLP2	CNT
2.05E-271	-0.498029	0.528	0.759	5E-267	15	RPL18A	CNT
2.79E-197	-0.3921539	0.823	0.905	6E-193	15	RPL32	CNT
4.81E-174	-0.3952582	0.867	0.925	1E-169	15	RPS18	CNT
1.57E-260	-0.4885319	0.65	0.828	3E-256	15	RPS15A	CNT
1.85E-238	-0.4088259	0.95	0.98	4E-234	15	RPL34	CNT
5.81E-283	-0.4643092	0.805	0.916	1E-278	15	RPL13A	CNT
5.04E-244	-0.4385647	0.888	0.949	1E-239	15	RPL21	CNT
2.71E-297	-0.4726363	0.829	0.924	6E-293	15	RPLP1	CNT
1.324E-96	-0.6172744	0.355	0.516	2.9E-92	15	MT2A	CNT

1.87E-213	-0.4391641	0.947	0.971	4E-209	15	RPS27	CNT
0	-0.4977384	0.815	0.923	0	15	RPL13	CNT
1.36E-211	-0.4718814	0.896	0.942	3E-207	15	RPL39	CNT
1.97E-187	-0.5509901	0.675	0.804	4E-183	15	FTH1	CNT
0	-0.5625269	0.745	0.898	0	15	RPS19	CNT
0	-0.5930843	0.781	0.918	0	15	RPL10	CNT
0	-0.8823506	0.591	0.866	0	15	TMSB10	CNT
1.96E-176	-0.9535168	0.647	0.791	4E-172	15	FTL	CNT
0	-0.939252	0.823	0.889	0	15	TMSB4X	CNT
0	-1.2103597	0.834	0.953	0	15	B2M	CNT
0	1.78622339	0.759	0.082	0	16	MT1H	Proximal tubule cells
0	2.82232991	0.966	0.221	0	16	MT1G	Proximal tubule cells
0	1.52400794	0.798	0.113	0	16	MT1F	Proximal tubule cells
0	0.98352309	0.51	0.062	0	16	MT1M	Proximal tubule cells
0	2.0182794	0.905	0.259	0	16	MT1X	Proximal tubule cells
0	1.66685251	0.901	0.219	0	16	MT1E	Proximal tubule cells
0	0.57215083	0.541	0.05	0	16	ACSM2A	Proximal tubule cells
0	0.32408566	0.18	0.011	0	16	REG1A	Proximal tubule cells
0	0.41308732	0.398	0.033	0	16	ACSM2B	Proximal tubule cells
0	0.74905039	0.608	0.113	0	16	PIGR	Proximal tubule cells
0	0.96880206	0.785	0.201	0	16	CRYAB	Proximal tubule cells
0	1.65948907	0.964	0.5	0	16	MT2A	Proximal tubule cells
0	0.35930147	0.337	0.038	0	16	NAT8	Proximal tubule cells
0	0.58894281	0.556	0.109	0	16	PDZK1IP1	Proximal tubule cells
0	1.02183499	0.756	0.28	0	16	CLU	Proximal tubule cells
0	0.36478928	0.377	0.053	0	16	LGALS2	Proximal tubule cells
0	0.41741232	0.461	0.077	0	16	UGT2B7	Proximal tubule cells
0	0.65691861	0.56	0.148	0	16	MMP7	Proximal tubule cells
0	0.40873217	0.43	0.074	0	16	VCAM1	Proximal tubule cells
0	0.41124418	0.445	0.09	0	16	MGST1	Proximal tubule cells
0	0.27230182	0.298	0.044	0	16	RBP5	Proximal tubule cells
0	0.47187164	0.549	0.154	0	16	CXCL14	Proximal tubule cells
0	0.3410962	0.417	0.093	0	16	GATM	Proximal tubule cells
0	0.27909326	0.322	0.062	0	16	AKAP12	Proximal tubule cells
0	0.25922933	0.305	0.058	0	16	FAM134B	Proximal tubule cells
0	0.2899149	0.377	0.083	0	16	TMEM176	Proximal tubule cells
0	0.27105224	0.347	0.075	0	16	LINC0132	Proximal tubule cells
0	0.50309976	0.751	0.311	0	16	FXYD2	Proximal tubule cells
0	0.40940839	0.559	0.19	0	16	GPX3	Proximal tubule cells
0	0.32046001	0.392	0.107	0	16	TNFSF10	Proximal tubule cells
0	0.2812181	0.384	0.096	0	16	TMEM176	Proximal tubule cells
0	0.30872851	0.403	0.111	0	16	TSPAN1	Proximal tubule cells
0	0.34540719	0.435	0.138	0	16	KRT18	Proximal tubule cells
0	0.32078859	0.415	0.123	0	16	SMIM24	Proximal tubule cells
3.91E-295	0.50492318	0.6	0.294	9E-291	16	ADIRF	Proximal tubule cells
0	0.28607215	0.407	0.119	0	16	SPATS2L	Proximal tubule cells
0	0.39788131	0.605	0.247	0	16	IL32	Proximal tubule cells
0	0.34242563	0.505	0.179	0	16	TPM1	Proximal tubule cells

0	0.41411806	0.726	0.333	0	16	CD24	Proximal tubule cells
0	0.28335012	0.407	0.135	0	16	OCIAD2	Proximal tubule cells
8.21E-214	0.27945951	0.267	0.092	2E-209	16	NNMT	Proximal tubule cells
0	0.28949466	0.474	0.179	0	16	EMX2	Proximal tubule cells
5.25E-276	0.32448641	0.654	0.353	1E-271	16	LAPTM4A	Proximal tubule cells
3.28E-153	0.28674561	0.599	0.374	7E-149	16	GSTP1	Proximal tubule cells
2.59E-176	0.25914392	0.709	0.43	6E-172	16	HSPB1	Proximal tubule cells
6.67E-247	0.36575273	0.97	0.856	1E-242	16	TMSB10	Proximal tubule cells
3.32E-179	0.28472092	0.862	0.658	7E-175	16	ITM2B	Proximal tubule cells
1.19E-222	0.30808751	0.936	0.797	3E-218	16	FTH1	Proximal tubule cells
1.312E-67	-0.3031685	0.022	0.135	2.9E-63	16	CCL4	Proximal tubule cells
7.962E-56	-0.3123025	0.022	0.119	1.8E-51	16	C1QA	Proximal tubule cells
1.791E-75	-0.2811201	0.035	0.163	4E-71	16	FCER1G	Proximal tubule cells
5.308E-82	-0.2508177	0.045	0.185	1.2E-77	16	CD52	Proximal tubule cells
2.467E-71	-0.2833652	0.035	0.158	5.5E-67	16	CCL5	Proximal tubule cells
1.968E-54	-0.3041371	0.026	0.123	4.3E-50	16	CCL3	Proximal tubule cells
4.961E-63	-0.3124442	0.03	0.139	1.1E-58	16	SPARCL1	Proximal tubule cells
2.443E-79	-0.3002298	0.045	0.183	5.4E-75	16	RGS1	Proximal tubule cells
2.27E-221	-0.5363657	0.049	0.337	5E-217	16	SRGN	Proximal tubule cells
1.319E-85	-0.334382	0.052	0.199	2.9E-81	16	TYROBP	Proximal tubule cells
9.73E-111	-0.3203975	0.069	0.251	2E-106	16	CXCR4	Proximal tubule cells
4.704E-87	-0.3442321	0.051	0.199	1E-82	16	AIF1	Proximal tubule cells
7.907E-74	-0.4253905	0.033	0.158	1.7E-69	16	LYZ	Proximal tubule cells
2.98E-150	-0.4099319	0.08	0.306	7E-146	16	S100A4	Proximal tubule cells
7.429E-32	-0.2723382	0.065	0.14	1.6E-27	16	CTGF	Proximal tubule cells
1.32E-102	-0.2976378	0.157	0.341	2.9E-98	16	SH3BGRL	Proximal tubule cells
6.284E-51	-0.2685197	0.122	0.238	1.4E-46	16	HLA-DPB1	Proximal tubule cells
2.422E-46	-0.3516842	0.067	0.166	5.4E-42	16	MGP	Proximal tubule cells
2.8E-62	-0.2721789	0.168	0.302	6.2E-58	16	NFKBIA	Proximal tubule cells
1.13E-103	-0.3078515	0.212	0.401	3E-99	16	BTG1	Proximal tubule cells
5.603E-65	-0.2725294	0.338	0.469	1.2E-60	16	PABPC1	Proximal tubule cells
6.1E-140	-0.5383403	0.149	0.373	1E-135	16	LGALS1	Proximal tubule cells
5.33E-22	-0.3782753	0.111	0.177	1.2E-17	16	S100A2	Proximal tubule cells
7.532E-11	-0.316756	0.123	0.164	1.7E-06	16	IGFBP5	Proximal tubule cells
1.77E-99	-0.2625389	0.995	0.999	3.9E-95	16	MALAT1	Proximal tubule cells
3.78E-138	-0.3623231	0.47	0.641	8E-134	16	H3F3B	Proximal tubule cells
3.098E-47	-0.2698696	0.946	0.941	6.8E-43	16	RPL39	Proximal tubule cells
2.384E-71	-0.3578172	0.397	0.521	5.3E-67	16	DUSP1	Proximal tubule cells
3.25E-105	-2.1402852	0.024	0.185	7E-101	16	IGKC	Proximal tubule cells
1.519E-17	-0.3287497	0.435	0.462	3.4E-13	16	CD74	Proximal tubule cells
6.972E-16	-0.289655	0.871	0.785	1.5E-11	16	FTL	Proximal tubule cells
3.345E-27	-0.4287355	0.234	0.306	7.4E-23	16	DEFB1	Proximal tubule cells
1.25E-127	-0.4796215	0.406	0.579	3E-123	16	SAT1	Proximal tubule cells
9.833E-12	-0.2574706	0.517	0.378	2.2E-07	16	ATP1B1	Proximal tubule cells
3.495E-91	-0.4500038	0.574	0.686	7.7E-87	16	FOS	Proximal tubule cells
8.52E-99	-0.7010372	0.211	0.38	1.9E-94	16	HLA-DRA	Proximal tubule cells
1.42E-110	-0.4228624	0.787	0.833	3E-106	16	ACTB	Proximal tubule cells
1.05E-277	-0.7950925	0.847	0.888	2E-273	16	TMSB4X	Proximal tubule cells

1.38E-272	-0.8122505	0.949	0.95	3E-268	16	B2M	Proximal tubule cells
0	0.55727224	0.488	0.019	0	17	ATP6V1G	Intercalated cells-Type A
0	0.27377776	0.281	0.01	0	17	LINC0118	Intercalated cells-Type A
0	0.40251605	0.423	0.023	0	17	ATP6V0D	Intercalated cells-Type A
0	0.55751645	0.556	0.048	0	17	TMEM213	Intercalated cells-Type A
0	0.28141756	0.292	0.014	0	17	CLNK	Intercalated cells-Type A
0	0.30591343	0.296	0.016	0	17	SLC4A1	Intercalated cells-Type A
0	0.41200457	0.369	0.027	0	17	SLC26A7	Intercalated cells-Type A
0	0.52568773	0.526	0.081	0	17	ADGRF5	Intercalated cells-Type A
0	0.26749731	0.3	0.034	0	17	ATP6V1B1	Intercalated cells-Type A
0	0.46256217	0.557	0.12	0	17	SMIM24	Intercalated cells-Type A
0	0.44893537	0.555	0.117	0	17	CA12	Intercalated cells-Type A
0	0.30207541	0.36	0.053	0	17	PTGER3	Intercalated cells-Type A
0	0.27859754	0.314	0.044	0	17	DSG2	Intercalated cells-Type A
0	0.51520704	0.591	0.154	0	17	C12orf75	Intercalated cells-Type A
0	0.45343742	0.469	0.108	0	17	RARRES3	Intercalated cells-Type A
0	0.48098294	0.568	0.146	0	17	ATP6AP2	Intercalated cells-Type A
0	0.25459039	0.264	0.036	0	17	TMEM101	Intercalated cells-Type A
0	0.54505097	0.661	0.209	0	17	ATP6V0B	Intercalated cells-Type A
0	0.36788886	0.446	0.102	0	17	CKB	Intercalated cells-Type A
0	0.61336557	0.799	0.31	0	17	FXYD2	Intercalated cells-Type A
0	0.58947587	0.75	0.294	0	17	CD9	Intercalated cells-Type A
0	0.31638466	0.419	0.113	0	17	LGALS3	Intercalated cells-Type A
0	0.49462674	0.669	0.293	0	17	RTN4	Intercalated cells-Type A
0	0.26323884	0.342	0.081	0	17	LINC0096	Intercalated cells-Type A
0	0.28484027	0.379	0.099	0	17	ATP6V1A	Intercalated cells-Type A
0	0.27139913	0.533	0.154	0	17	IGFBP5	Intercalated cells-Type A
0	0.31322783	0.471	0.163	0	17	CHCHD10	Intercalated cells-Type A
0	0.27530903	0.41	0.127	0	17	EPCAM	Intercalated cells-Type A
0	0.45063954	0.757	0.39	0	17	COX7B	Intercalated cells-Type A
0	0.26067212	0.399	0.125	0	17	CAMK2N1	Intercalated cells-Type A
1.86E-292	0.3758331	0.641	0.295	4E-288	17	DEFB1	Intercalated cells-Type A
6.03E-284	0.28641113	0.381	0.138	1E-279	17	COX7A1	Intercalated cells-Type A
0	0.35493568	0.577	0.259	0	17	MIF	Intercalated cells-Type A
0	0.25385953	0.37	0.12	0	17	MSI2	Intercalated cells-Type A
1.15E-226	0.27687644	0.322	0.118	3E-222	17	TACSTD2	Intercalated cells-Type A
0	0.27923444	0.445	0.167	0	17	CYSTM1	Intercalated cells-Type A
1.45E-307	0.30154227	0.476	0.194	3E-303	17	BSG	Intercalated cells-Type A
0	0.36505647	0.652	0.324	0	17	COX6A1	Intercalated cells-Type A
0	0.38845822	0.722	0.386	0	17	NDUFA1	Intercalated cells-Type A
0	0.39594702	0.74	0.423	0	17	UQCRQ	Intercalated cells-Type A
0	0.38658265	0.722	0.414	0	17	COX6C	Intercalated cells-Type A
1.38E-248	0.27278828	0.436	0.18	3E-244	17	EMX2	Intercalated cells-Type A
0	0.44891184	0.895	0.631	0	17	COX7C	Intercalated cells-Type A
2.39E-282	0.3364026	0.655	0.347	5E-278	17	COX5B	Intercalated cells-Type A
0	0.39958254	0.834	0.526	0	17	NDUFA4	Intercalated cells-Type A
4.52E-265	0.32102449	0.607	0.313	1E-260	17	UQCR10	Intercalated cells-Type A
1.44E-257	0.36479433	0.725	0.458	3E-253	17	COX4I1	Intercalated cells-Type A

1.65E-231	0.28941755	0.558	0.285	4E-227	17	COX8A	Intercalated cells-Type A
3.69E-233	0.26209202	0.494	0.231	8E-229	17	NDUFB9	Intercalated cells-Type A
5.87E-244	0.35923526	0.72	0.462	1E-239	17	COX7A2	Intercalated cells-Type A
2.21E-230	0.25829011	0.502	0.236	5E-226	17	NDUFC1	Intercalated cells-Type A
4.47E-225	0.29121344	0.582	0.309	1E-220	17	NDUFS5	Intercalated cells-Type A
9.13E-234	0.30993629	0.666	0.38	2E-229	17	NDUFB2	Intercalated cells-Type A
3.9E-182	0.29845384	0.658	0.412	9E-178	17	USMG5	Intercalated cells-Type A
1.99E-199	0.28683375	0.691	0.428	4E-195	17	COX6B1	Intercalated cells-Type A
3.78E-207	0.31526009	0.813	0.561	8E-203	17	ATP5I	Intercalated cells-Type A
7.13E-178	0.27631471	0.7	0.438	2E-173	17	TXNIP	Intercalated cells-Type A
7.12E-169	0.25059024	0.561	0.321	2E-164	17	ATP5J	Intercalated cells-Type A
5.08E-166	0.26843283	0.71	0.479	1E-161	17	ATP5L	Intercalated cells-Type A
7.8E-170	0.27370935	0.929	0.8	2E-165	17	RPL37A	Intercalated cells-Type A
6.661E-72	-0.3412599	0.009	0.124	1.5E-67	17	CCL3	Intercalated cells-Type A
2.054E-89	-0.3059952	0.019	0.163	4.5E-85	17	FCER1G	Intercalated cells-Type A
4.271E-62	-0.3270044	0.014	0.119	9.4E-58	17	C1QA	Intercalated cells-Type A
1.289E-70	-0.3124044	0.017	0.135	2.8E-66	17	CCL4	Intercalated cells-Type A
5.272E-91	-0.4639816	0.015	0.158	1.2E-86	17	LYZ	Intercalated cells-Type A
9.24E-114	-0.3841832	0.023	0.2	2E-109	17	AIF1	Intercalated cells-Type A
9.093E-94	-0.3263052	0.029	0.183	2E-89	17	RGS1	Intercalated cells-Type A
6.591E-89	-0.285629	0.034	0.184	1.5E-84	17	SPARC	Intercalated cells-Type A
9E-108	-0.3780406	0.029	0.199	2E-103	17	TYROBP	Intercalated cells-Type A
3.18E-262	-0.5400413	0.042	0.375	7E-258	17	VIM	Intercalated cells-Type A
1.585E-68	-0.2856631	0.035	0.158	3.5E-64	17	CCL5	Intercalated cells-Type A
4.728E-64	-0.3111403	0.033	0.149	1E-59	17	CXCL2	Intercalated cells-Type A
6.412E-62	-0.3308624	0.03	0.141	1.4E-57	17	CTGF	Intercalated cells-Type A
6.67E-219	-0.5503515	0.045	0.337	1E-214	17	SRGN	Intercalated cells-Type A
5.802E-62	-0.2545515	0.058	0.18	1.3E-57	17	IFI27	Intercalated cells-Type A
7.984E-97	-0.3074148	0.077	0.25	1.8E-92	17	CXCR4	Intercalated cells-Type A
2.2E-103	-0.4166789	0.054	0.23	5E-99	17	TIMP1	Intercalated cells-Type A
2.449E-69	-0.3145081	0.097	0.238	5.4E-65	17	HLA-DPB1	Intercalated cells-Type A
4.695E-52	-0.3706411	0.059	0.166	1E-47	17	MGP	Intercalated cells-Type A
1.722E-97	-0.294538	0.157	0.34	3.8E-93	17	SH3BGRL	Intercalated cells-Type A
2.338E-90	-0.314741	0.131	0.303	5.2E-86	17	NFKBIA	Intercalated cells-Type A
5.669E-93	-0.351229	0.13	0.305	1.3E-88	17	S100A4	Intercalated cells-Type A
7.417E-77	-0.2520483	0.24	0.401	1.6E-72	17	MYL12A	Intercalated cells-Type A
2.131E-89	-0.3157149	0.208	0.385	4.7E-85	17	ZFP36	Intercalated cells-Type A
1.432E-86	-0.3116611	0.215	0.385	3.2E-82	17	CYBA	Intercalated cells-Type A
5.85E-190	-0.6427405	0.104	0.374	1E-185	17	LGALS1	Intercalated cells-Type A
5.536E-60	-0.276152	0.342	0.468	1.2E-55	17	PABPC1	Intercalated cells-Type A
1.032E-60	-0.310074	0.267	0.396	2.3E-56	17	IFITM3	Intercalated cells-Type A
3.261E-57	-0.3250009	0.315	0.43	7.2E-53	17	CST3	Intercalated cells-Type A
1.98E-104	-2.142742	0.021	0.185	4E-100	17	IGKC	Intercalated cells-Type A
2.75E-102	-0.3261305	0.496	0.64	6.1E-98	17	H3F3B	Intercalated cells-Type A
1.22E-105	-0.2705702	0.906	0.94	3E-101	17	PTMA	Intercalated cells-Type A
7.029E-51	-0.2793607	0.955	0.941	1.6E-46	17	RPL39	Intercalated cells-Type A
2.64E-120	-0.4503151	0.336	0.523	6E-116	17	DUSP1	Intercalated cells-Type A
3.94E-102	-0.3360494	0.789	0.862	8.7E-98	17	NEAT1	Intercalated cells-Type A

1.732E-45	-0.4980106	0.197	0.305	3.8E-41	17	ADIRF	Intercalated cells-Type A
7.04E-153	-0.3712121	0.704	0.805	2E-148	17	TPT1	Intercalated cells-Type A
3.682E-64	-0.3834842	0.598	0.685	8.1E-60	17	FOS	Intercalated cells-Type A
2.531E-40	-0.4129019	0.381	0.463	5.6E-36	17	CD74	Intercalated cells-Type A
3.897E-74	-0.3708322	0.816	0.833	8.6E-70	17	ACTB	Intercalated cells-Type A
6.67E-115	-0.7850684	0.19	0.381	1E-110	17	HLA-DRA	Intercalated cells-Type A
8.502E-28	-0.4660866	0.451	0.514	1.9E-23	17	MT2A	Intercalated cells-Type A
4.05E-191	-0.5207861	0.786	0.861	9E-187	17	TMSB10	Intercalated cells-Type A
1.786E-97	-0.5429949	0.93	0.886	3.9E-93	17	TMSB4X	Intercalated cells-Type A
0.0005011	-0.4966843	0.284	0.24	1	17	MT1G	Intercalated cells-Type A
1.3E-131	-0.6267967	0.964	0.95	3E-127	17	B2M	Intercalated cells-Type A
3.556E-17	-0.7475503	0.332	0.382	7.9E-13	17	SPP1	Intercalated cells-Type A
8.304E-91	-0.8459626	0.752	0.788	1.8E-86	17	FTL	Intercalated cells-Type A
0	2.66731329	0.995	0.023	0	18	SPINK1	Intercalated cells-Type A
0	0.51280137	0.477	0.025	0	18	SLC26A7	Intercalated cells-Type A
0	0.47267354	0.416	0.021	0	18	ATP6V1G	Intercalated cells-Type A
0	0.36557148	0.339	0.015	0	18	SLC4A1	Intercalated cells-Type A
0	0.41141817	0.411	0.024	0	18	ATP6V0D	Intercalated cells-Type A
0	0.34293371	0.313	0.021	0	18	RHCG	Intercalated cells-Type A
0	0.35400435	0.351	0.034	0	18	TMEM101	Intercalated cells-Type A
0	0.39125316	0.412	0.052	0	18	TMEM213	Intercalated cells-Type A
0	0.38237309	0.42	0.052	0	18	PTGER3	Intercalated cells-Type A
0	0.42989041	0.454	0.083	0	18	ADGRF5	Intercalated cells-Type A
0	0.4574325	0.271	0.056	0	18	CALB1	Intercalated cells-Type A
0	0.51714476	0.57	0.155	0	18	C12orf75	Intercalated cells-Type A
0	0.76035095	0.679	0.295	0	18	DEFB1	Intercalated cells-Type A
0	0.37240837	0.583	0.152	0	18	IGFBP5	Intercalated cells-Type A
0	0.64999603	0.813	0.371	0	18	ATP1B1	Intercalated cells-Type A
0	0.38615842	0.485	0.148	0	18	ATP6AP2	Intercalated cells-Type A
0	0.3748713	0.453	0.137	0	18	COX7A1	Intercalated cells-Type A
0	0.4341138	0.577	0.211	0	18	ATP6V0B	Intercalated cells-Type A
0	0.49773073	0.729	0.334	0	18	CD24	Intercalated cells-Type A
0	0.26752287	0.345	0.085	0	18	SCIN	Intercalated cells-Type A
0	0.30374404	0.42	0.121	0	18	CA12	Intercalated cells-Type A
0	0.28702076	0.377	0.104	0	18	CKB	Intercalated cells-Type A
0	0.31112992	0.413	0.124	0	18	SMIM24	Intercalated cells-Type A
0	0.27138452	0.369	0.099	0	18	ATP6V1A	Intercalated cells-Type A
7.4E-162	0.64154021	0.585	0.376	2E-157	18	SPP1	Intercalated cells-Type A
0	0.42802799	0.691	0.313	0	18	FXYD2	Intercalated cells-Type A
0	0.41906477	0.643	0.294	0	18	RTN4	Intercalated cells-Type A
0	0.31627189	0.457	0.164	0	18	CHCHD10	Intercalated cells-Type A
7.76E-276	0.25797173	0.335	0.112	2E-271	18	RARRES3	Intercalated cells-Type A
2.19E-281	0.27021634	0.412	0.155	5E-277	18	LITAF	Intercalated cells-Type A
3.06E-306	0.41514248	0.731	0.423	7E-302	18	UQCRQ	Intercalated cells-Type A
1.94E-282	0.37211557	0.709	0.391	4E-278	18	COX7B	Intercalated cells-Type A
4.63E-214	0.30649363	0.577	0.298	1E-209	18	CD9	Intercalated cells-Type A
1.56E-190	0.30851464	0.572	0.327	3E-186	18	COX6A1	Intercalated cells-Type A
1.17E-225	0.44573827	0.929	0.802	3E-221	18	MT-ND4L	Intercalated cells-Type A

6.57E-176	0.26081114	0.496	0.261	1E-171	18	MIF	Intercalated cells-Type A
5.2E-241	0.36072523	0.857	0.633	1E-236	18	COX7C	Intercalated cells-Type A
1.22E-168	0.25563556	0.524	0.286	3E-164	18	COX8A	Intercalated cells-Type A
3.58E-173	0.32718241	0.74	0.529	8E-169	18	NDUFA4	Intercalated cells-Type A
1.63E-159	0.26700648	0.629	0.389	4E-155	18	NDUFA1	Intercalated cells-Type A
2.2E-160	0.26288513	0.621	0.381	5E-156	18	NDUFB2	Intercalated cells-Type A
1.07E-149	0.25470744	0.579	0.349	2E-145	18	COX5B	Intercalated cells-Type A
5.33E-287	0.38033889	0.998	0.963	1E-282	18	MT-ND1	Intercalated cells-Type A
2.35E-126	0.26604402	0.656	0.46	5E-122	18	COX4I1	Intercalated cells-Type A
5.99E-147	0.27347099	0.773	0.562	1E-142	18	ATP5I	Intercalated cells-Type A
2.41E-307	0.3557136	1	1	5E-303	18	MT-CO1	Intercalated cells-Type A
3.79E-305	0.34947404	1	1	8E-301	18	MT-CO3	Intercalated cells-Type A
5.44E-189	0.3197214	0.99	0.923	1E-184	18	MT-ND5	Intercalated cells-Type A
1.52E-274	0.30411301	1	1	3E-270	18	MT-CO2	Intercalated cells-Type A
4.01E-241	0.28867917	1	0.999	9E-237	18	MT-ND4	Intercalated cells-Type A
3.32E-183	0.26783482	1	0.999	7E-179	18	MT-ND3	Intercalated cells-Type A
7.546E-60	-0.2555689	0.004	0.101	1.7E-55	18	C1QB	Intercalated cells-Type A
3.062E-96	-0.3123555	0.011	0.163	6.8E-92	18	FCER1G	Intercalated cells-Type A
7.406E-70	-0.3381025	0.009	0.124	1.6E-65	18	CCL3	Intercalated cells-Type A
9.141E-67	-0.3353765	0.009	0.119	2E-62	18	C1QA	Intercalated cells-Type A
1.5E-104	-0.2769473	0.019	0.186	3E-100	18	CD52	Intercalated cells-Type A
3.68E-105	-0.3417299	0.017	0.183	8E-101	18	RGS1	Intercalated cells-Type A
2.739E-72	-0.3201152	0.014	0.135	6.1E-68	18	CCL4	Intercalated cells-Type A
8.89E-84	-0.305821	0.019	0.158	2E-79	18	CCL5	Intercalated cells-Type A
3.98E-114	-0.3873372	0.021	0.199	9E-110	18	TYROBP	Intercalated cells-Type A
4.182E-87	-0.4601905	0.016	0.158	9.2E-83	18	LYZ	Intercalated cells-Type A
3.47E-228	-0.5598473	0.032	0.337	8E-224	18	SRGN	Intercalated cells-Type A
2.22E-137	-0.357131	0.038	0.251	5E-133	18	CXCR4	Intercalated cells-Type A
1.31E-104	-0.3790695	0.03	0.2	3E-100	18	AIF1	Intercalated cells-Type A
4.5E-134	-0.2747847	0.059	0.275	1E-129	18	TSC22D3	Intercalated cells-Type A
5.369E-94	-0.3030389	0.049	0.214	1.2E-89	18	HLA-DPA1	Intercalated cells-Type A
1.13E-235	-0.5226541	0.059	0.374	3E-231	18	VIM	Intercalated cells-Type A
4.331E-56	-0.3080334	0.04	0.149	9.6E-52	18	CXCL2	Intercalated cells-Type A
5.26E-113	-0.3805054	0.052	0.239	1E-108	18	HLA-DPB1	Intercalated cells-Type A
2.648E-51	-0.3072552	0.038	0.141	5.8E-47	18	CTGF	Intercalated cells-Type A
7.104E-98	-0.2983304	0.081	0.261	1.6E-93	18	IL32	Intercalated cells-Type A
2.23E-140	-0.373249	0.078	0.304	5E-136	18	NFKBIA	Intercalated cells-Type A
2.04E-137	-0.410872	0.083	0.306	5E-133	18	S100A4	Intercalated cells-Type A
2.58E-131	-0.3378606	0.12	0.341	6E-127	18	SH3BGRL	Intercalated cells-Type A
1.149E-81	-0.3923277	0.073	0.229	2.5E-77	18	TIMP1	Intercalated cells-Type A
3.077E-30	-0.2515915	0.085	0.166	6.8E-26	18	CXCL14	Intercalated cells-Type A
5.089E-87	-0.2899528	0.192	0.375	1.1E-82	18	FOSB	Intercalated cells-Type A
4.248E-87	-0.2647129	0.225	0.401	9.4E-83	18	MYL12A	Intercalated cells-Type A
3.03E-117	-0.3535446	0.173	0.386	7E-113	18	ZFP36	Intercalated cells-Type A
1.06E-124	-0.3649657	0.171	0.386	2E-120	18	CYBA	Intercalated cells-Type A
1.038E-40	-0.2926274	0.133	0.239	2.3E-36	18	MT1E	Intercalated cells-Type A
1.665E-58	-0.2547805	0.262	0.399	3.7E-54	18	BTG1	Intercalated cells-Type A
1.204E-19	-0.2992624	0.103	0.165	2.7E-15	18	MGP	Intercalated cells-Type A

9.29E-123	-0.3323863	0.273	0.481	2E-118	18	PFN1	Intercalated cells-Type A
9.46E-168	-0.6085913	0.118	0.374	2E-163	18	LGALS1	Intercalated cells-Type A
2.21E-105	-2.1437358	0.017	0.185	5E-101	18	IGKC	Intercalated cells-Type A
1.44E-101	-0.3355795	0.283	0.47	3.2E-97	18	PABPC1	Intercalated cells-Type A
1.399E-43	-0.2754674	0.29	0.395	3.1E-39	18	IFITM3	Intercalated cells-Type A
1.096E-75	-0.2672975	0.579	0.696	2.4E-71	18	RPS26	Intercalated cells-Type A
2.271E-69	-0.2541986	0.783	0.833	5E-65	18	RPLP2	Intercalated cells-Type A
8.469E-71	-0.3504357	0.294	0.431	1.9E-66	18	CST3	Intercalated cells-Type A
1.028E-73	-0.2587281	0.877	0.914	2.3E-69	18	RPL13A	Intercalated cells-Type A
3.684E-80	-0.261205	0.895	0.923	8.1E-76	18	RPLP1	Intercalated cells-Type A
2.72E-103	-0.2719671	0.869	0.919	6E-99	18	RPS27A	Intercalated cells-Type A
1.372E-76	-0.2756783	0.758	0.803	3E-72	18	TPT1	Intercalated cells-Type A
1.27E-181	-0.4242849	0.404	0.642	3E-177	18	H3F3B	Intercalated cells-Type A
9.075E-56	-0.4733734	0.173	0.305	2E-51	18	ADIRF	Intercalated cells-Type A
4.861E-86	-0.2895545	0.746	0.803	1.1E-81	18	RPL28	Intercalated cells-Type A
4.099E-93	-0.310641	0.668	0.758	9.1E-89	18	RPS3A	Intercalated cells-Type A
3.966E-96	-0.2867321	0.887	0.921	8.8E-92	18	RPL13	Intercalated cells-Type A
4.029E-86	-0.2987984	0.763	0.825	8.9E-82	18	RPS15A	Intercalated cells-Type A
2.33E-127	-0.4619326	0.321	0.523	5E-123	18	DUSP1	Intercalated cells-Type A
4.41E-108	-0.3378069	0.653	0.755	1E-103	18	RPL18A	Intercalated cells-Type A
8.244E-05	-0.319377	0.254	0.277	1	18	MT1X	Intercalated cells-Type A
1.569E-29	-0.3021379	0.789	0.801	3.5E-25	18	FTH1	Intercalated cells-Type A
8.2E-175	-0.8969348	0.128	0.382	2E-170	18	HLA-DRA	Intercalated cells-Type A
8.17E-101	-0.3325075	0.855	0.895	1.8E-96	18	RPS19	Intercalated cells-Type A
6.46E-122	-0.354097	0.87	0.915	1E-117	18	RPL10	Intercalated cells-Type A
2.64E-99	-0.3584942	0.931	0.941	5.8E-95	18	RPL39	Intercalated cells-Type A
1.38E-97	-0.5546305	0.301	0.465	3E-93	18	CD74	Intercalated cells-Type A
2.106E-88	-0.3984622	0.783	0.833	4.7E-84	18	ACTB	Intercalated cells-Type A
6.2E-174	-0.5695288	0.46	0.689	1E-169	18	FOS	Intercalated cells-Type A
0	-0.4750913	0.825	0.942	0	18	PTMA	Intercalated cells-Type A
3.99E-102	-0.6617341	0.338	0.517	8.8E-98	18	MT2A	Intercalated cells-Type A
2.92E-27	-0.7611776	0.162	0.243	6.5E-23	18	MT1G	Intercalated cells-Type A
0	-0.7991607	0.628	0.865	0	18	TMSB10	Intercalated cells-Type A
7.46E-223	-0.7331488	0.859	0.887	2E-218	18	TMSB4X	Intercalated cells-Type A
5.71E-195	-0.7157473	0.945	0.95	1E-190	18	B2M	Intercalated cells-Type A
2.368E-69	-0.8090721	0.736	0.789	5.2E-65	18	FTL	Intercalated cells-Type A
0	1.25979932	0.589	0.02	0	19	IGHGP	Immune-B cells
0	2.27620629	0.806	0.054	0	19	IGHG1	Immune-B cells
0	1.98469661	0.815	0.066	0	19	IGHG3	Immune-B cells
0	4.03626287	0.965	0.162	0	19	IGKC	Immune-B cells
0	1.34293828	0.411	0.031	0	19	JCHAIN	Immune-B cells
0	1.26854811	0.161	0.012	0	19	IGHM	Immune-B cells
0	0.74735672	0.477	0.027	0	19	MZB1	Immune-B cells
0	1.09209816	0.732	0.254	0	19	SSR4	Immune-B cells
0	0.69077252	0.498	0.125	0	19	XBP1	Immune-B cells
0	0.31591332	0.31	0.042	0	19	FKBP11	Immune-B cells
0	0.2654478	0.242	0.03	0	19	PIM2	Immune-B cells
0	0.28691814	0.306	0.058	0	19	PRDX4	Immune-B cells

1.02E-266	0.35689662	0.444	0.173	2E-262	19	RGS1	Immune-B cells
5.39E-301	0.42635504	0.696	0.373	1E-296	19	CYBA	Immune-B cells
5.64E-273	0.26404217	0.333	0.112	1E-268	19	SPCS3	Immune-B cells
2.15E-167	0.30980521	0.352	0.15	5E-163	19	CCL5	Immune-B cells
1.44E-221	0.36385697	0.616	0.348	3E-217	19	SUB1	Immune-B cells
6.39E-143	0.26193758	0.384	0.191	1E-138	19	HERPUD1	Immune-B cells
0	0.47547021	0.989	0.949	0	19	B2M	Immune-B cells
4.14E-142	0.2574736	0.443	0.243	9E-138	19	SPCS2	Immune-B cells
2.29E-116	0.27431769	0.579	0.387	5E-112	19	SEC61G	Immune-B cells
1.596E-70	0.27249622	0.45	0.304	3.5E-66	19	HSP90B1	Immune-B cells
2.91E-139	0.28066726	0.856	0.689	6E-135	19	RPS26	Immune-B cells
1.43E-200	0.31740257	0.97	0.921	3E-196	19	RPLP1	Immune-B cells
2.892E-74	0.26050651	0.799	0.708	6.4E-70	19	HSP90AA	Immune-B cells
1.65E-142	0.25315761	1	0.999	4E-138	19	MALAT1	Immune-B cells
5.489E-87	-0.3246669	0.019	0.167	1.2E-82	19	CXCL14	Immune-B cells
5.514E-46	-0.2774985	0.016	0.101	1.2E-41	19	MT1H	Immune-B cells
2.353E-77	-0.3241924	0.024	0.162	5.2E-73	19	MMP7	Immune-B cells
2E-119	-0.4137761	0.027	0.22	4E-115	19	CRYAB	Immune-B cells
8.318E-95	-0.3059068	0.037	0.203	1.8E-90	19	GPX3	Immune-B cells
4.08E-133	-0.2590096	0.069	0.295	9E-129	19	APP	Immune-B cells
5.64E-127	-0.2543139	0.071	0.29	1E-122	19	NGFRAP1	Immune-B cells
3.35E-206	-0.5629536	0.037	0.329	7E-202	19	FXYD2	Immune-B cells
4.288E-90	-0.5106677	0.024	0.179	9.5E-86	19	S100A2	Immune-B cells
4.571E-82	-0.484374	0.024	0.166	1E-77	19	IGFBP5	Immune-B cells
1.56E-205	-0.4730398	0.052	0.351	3E-201	19	CD24	Immune-B cells
1.48E-119	-0.4055143	0.042	0.241	3E-115	19	MT1E	Immune-B cells
1.18E-142	-0.3077853	0.073	0.311	3E-138	19	CD9	Immune-B cells
3.753E-97	-0.2581353	0.081	0.264	8.3E-93	19	ATP1A1	Immune-B cells
2.16E-78	-0.3062064	0.087	0.249	4.8E-74	19	HES1	Immune-B cells
3.55E-173	-0.7388352	0.048	0.31	8E-169	19	DEFB1	Immune-B cells
3.14E-243	-0.8897698	0.057	0.389	7E-239	19	ATP1B1	Immune-B cells
8.57E-154	-0.7278236	0.055	0.299	2E-149	19	WFDC2	Immune-B cells
1.89E-127	-0.9561748	0.038	0.246	4E-123	19	MT1G	Immune-B cells
7.083E-96	-0.2708568	0.253	0.456	1.6E-91	19	S100A11	Immune-B cells
8.77E-73	-0.2508044	0.281	0.448	1.9E-68	19	TXNIP	Immune-B cells
7.91E-110	-0.3140053	0.215	0.428	2E-105	19	DSTN	Immune-B cells
1.3E-70	-0.2788221	0.227	0.396	2.9E-66	19	IFITM3	Immune-B cells
2.34E-99	-0.4713014	0.103	0.296	5.2E-95	19	CLU	Immune-B cells
1.28E-104	-0.2890187	0.342	0.538	3E-100	19	NDUFA4	Immune-B cells
1.32E-113	-0.5940659	0.1	0.307	3E-109	19	ADIRF	Immune-B cells
5.16E-140	-0.4489228	0.2	0.443	1E-135	19	HSPB1	Immune-B cells
2.55E-196	-0.5889283	0.179	0.488	6E-192	19	IGFBP7	Immune-B cells
6.216E-66	-0.4751268	0.132	0.279	1.4E-61	19	MT1X	Immune-B cells
2.32E-113	-0.3139679	0.64	0.805	5E-109	19	FTH1	Immune-B cells
8.59E-233	-0.4753253	0.373	0.67	2E-228	19	ITM2B	Immune-B cells
2.13E-169	-1.0549788	0.113	0.387	5E-165	19	SPP1	Immune-B cells
3.07E-256	-0.6280967	0.406	0.713	7E-252	19	S100A6	Immune-B cells
3.7E-238	-0.449751	0.777	0.928	8E-234	19	MT-ND5	Immune-B cells

5.98E-127	-0.6709884	0.296	0.517	1E-122	19	MT2A	Immune-B cells
3.22E-275	-0.5696228	0.554	0.811	7E-271	19	MT-ND4L	Immune-B cells
0	-0.5207262	0.952	0.993	0	19	MT-CYB	Immune-B cells
0	-0.5377835	0.979	0.995	0	19	MT-ND2	Immune-B cells
0	-0.5560292	0.998	1	0	19	MT-CO2	Immune-B cells
0	-0.5813904	0.993	1	0	19	MT-ND4	Immune-B cells
0	-0.6737589	0.842	0.967	0	19	MT-ND1	Immune-B cells
0	-0.6261763	0.954	0.995	0	19	MT-ATP6	Immune-B cells
0	-0.6167156	0.998	1	0	19	MT-CO1	Immune-B cells
0	-0.6204927	0.993	0.999	0	19	MT-ND3	Immune-B cells
0	-0.7559004	0.997	1	0	19	MT-CO3	Immune-B cells
6.77E-138	-1.1261264	0.235	0.087	1E-133	19	IGLC2	Immune-B cells
7.68E-158	-1.0398388	0.228	0.077	2E-153	19	IGLC3	Immune-B cells
0	0.92065491	0.613	0.044	0	20	ALDOB	Proximal tubule cells
0	0.53922236	0.374	0.019	0	20	GSTA1	Proximal tubule cells
0	0.30954465	0.217	0.008	0	20	ALB	Proximal tubule cells
0	0.53950413	0.381	0.025	0	20	MIOX	Proximal tubule cells
0	1.71829894	0.884	0.185	0	20	GPX3	Proximal tubule cells
0	1.00683283	0.715	0.088	0	20	GATM	Proximal tubule cells
0	0.42053243	0.311	0.016	0	20	FABP1	Proximal tubule cells
0	0.44580293	0.354	0.021	0	20	PRAP1	Proximal tubule cells
0	0.26759818	0.194	0.008	0	20	GSTA2	Proximal tubule cells
0	0.32711333	0.29	0.017	0	20	CUBN	Proximal tubule cells
0	1.50124886	0.816	0.229	0	20	MT1G	Proximal tubule cells
0	0.48235838	0.373	0.038	0	20	NAT8	Proximal tubule cells
0	0.77635794	0.642	0.11	0	20	PDZK1IP1	Proximal tubule cells
0	0.73464496	0.5	0.091	0	20	MT1H	Proximal tubule cells
0	0.73648483	0.637	0.12	0	20	SMIM24	Proximal tubule cells
0	0.46655038	0.423	0.052	0	20	ASS1	Proximal tubule cells
0	0.32532931	0.312	0.029	0	20	AK4	Proximal tubule cells
0	0.55158553	0.484	0.078	0	20	UGT2B7	Proximal tubule cells
0	0.82554714	0.715	0.178	0	20	APOE	Proximal tubule cells
0	0.59334042	0.483	0.096	0	20	SUCLG1	Proximal tubule cells
0	0.30506589	0.287	0.032	0	20	TMEM27	Proximal tubule cells
0	0.38236501	0.383	0.055	0	20	LGALS2	Proximal tubule cells
0	0.36190036	0.261	0.036	0	20	PCK1	Proximal tubule cells
0	0.54093619	0.445	0.092	0	20	MGST1	Proximal tubule cells
0	0.31142967	0.285	0.037	0	20	ACSM2B	Proximal tubule cells
0	0.32476478	0.316	0.045	0	20	RBP5	Proximal tubule cells
0	0.37491775	0.386	0.074	0	20	C11orf54	Proximal tubule cells
0	0.32286609	0.309	0.057	0	20	ACSM2A	Proximal tubule cells
0	0.44794034	0.479	0.124	0	20	MT1F	Proximal tubule cells
0	0.57688856	0.684	0.267	0	20	MT1X	Proximal tubule cells
0	0.41647613	0.542	0.156	0	20	CXCL14	Proximal tubule cells
0	0.41906417	0.704	0.315	0	20	FXYD2	Proximal tubule cells
6.43E-266	0.31394089	0.379	0.132	1E-261	20	DAB2	Proximal tubule cells
1.56E-214	0.3157754	0.425	0.18	3E-210	20	CYB5A	Proximal tubule cells
3.05E-135	0.32432551	0.505	0.294	7E-131	20	TXN	Proximal tubule cells

0	0.44237511	0.966	0.784	0	20	FTL	Proximal tubule cells
1.03E-167	0.26098403	0.476	0.231	2E-163	20	MT1E	Proximal tubule cells
1.02E-200	0.41455402	0.808	0.634	2E-196	20	COX7C	Proximal tubule cells
1.21E-142	0.28909755	0.475	0.261	3E-138	20	LAMTOR5	Proximal tubule cells
2.5E-129	0.30285482	0.491	0.285	6E-125	20	ATPIF1	Proximal tubule cells
2.19E-145	0.34574725	0.639	0.426	5E-141	20	UQCRQ	Proximal tubule cells
0	0.50948985	1	0.999	0	20	MT-ND3	Proximal tubule cells
2.52E-129	0.26055702	0.466	0.253	6E-125	20	PEBP1	Proximal tubule cells
3.083E-75	0.25052785	0.375	0.212	6.8E-71	20	CRYAB	Proximal tubule cells
9.14E-106	0.29066246	0.618	0.434	2E-101	20	RPS27L	Proximal tubule cells
2.43E-106	0.30014281	0.717	0.564	5E-102	20	ATP5I	Proximal tubule cells
4.07E-154	0.30492078	0.956	0.802	9E-150	20	MT-ND4L	Proximal tubule cells
1.67E-222	0.36010228	1	0.994	4E-218	20	MT-ATP6	Proximal tubule cells
1.15E-190	0.33965283	1	0.995	3E-186	20	MT-ND2	Proximal tubule cells
1.66E-198	0.34090498	1	1	4E-194	20	MT-CO3	Proximal tubule cells
4.45E-166	0.28882389	1	0.999	1E-161	20	MT-ND4	Proximal tubule cells
3.13E-132	0.27441375	1	1	7E-128	20	MT-CO1	Proximal tubule cells
3.98E-142	0.27217325	0.999	0.992	9E-138	20	MT-CYB	Proximal tubule cells
7.825E-54	-0.326477	0.012	0.118	1.7E-49	20	C1QA	Proximal tubule cells
8.827E-54	-0.3230577	0.015	0.123	2E-49	20	CCL3	Proximal tubule cells
6.317E-67	-0.2911727	0.027	0.162	1.4E-62	20	FCER1G	Proximal tubule cells
3.44E-60	-0.3114305	0.025	0.149	7.6E-56	20	CXCL2	Proximal tubule cells
4.331E-82	-0.3615048	0.037	0.198	9.6E-78	20	TYROBP	Proximal tubule cells
6.574E-44	-0.277124	0.034	0.135	1.5E-39	20	CCL4	Proximal tubule cells
5.555E-78	-0.3545134	0.041	0.199	1.2E-73	20	AIF1	Proximal tubule cells
1.952E-64	-0.4393157	0.027	0.158	4.3E-60	20	LYZ	Proximal tubule cells
5.827E-45	-0.3085825	0.037	0.14	1.3E-40	20	CTGF	Proximal tubule cells
5.859E-52	-0.273495	0.059	0.182	1.3E-47	20	RGS1	Proximal tubule cells
1.793E-38	-0.2973469	0.045	0.138	4E-34	20	SPARCL1	Proximal tubule cells
1.568E-55	-0.2615675	0.079	0.212	3.5E-51	20	HLA-DPA1	Proximal tubule cells
4.433E-84	-0.2551627	0.119	0.309	9.8E-80	20	CD9	Proximal tubule cells
1.815E-55	-0.3836569	0.043	0.166	4E-51	20	MGP	Proximal tubule cells
1.158E-62	-0.321297	0.091	0.238	2.6E-58	20	HLA-DPB1	Proximal tubule cells
3.93E-140	-0.488397	0.085	0.335	9E-136	20	SRGN	Proximal tubule cells
2.675E-46	-0.2659504	0.119	0.248	5.9E-42	20	HES1	Proximal tubule cells
5.909E-63	-0.3700717	0.079	0.229	1.3E-58	20	TIMP1	Proximal tubule cells
8.024E-77	-0.3257843	0.126	0.304	1.8E-72	20	S100A4	Proximal tubule cells
1.648E-84	-0.2740757	0.204	0.405	3.6E-80	20	ZFP36L1	Proximal tubule cells
2.439E-51	-0.2600787	0.161	0.302	5.4E-47	20	NFKBIA	Proximal tubule cells
2.788E-56	-0.4912814	0.051	0.178	6.2E-52	20	S100A2	Proximal tubule cells
2.832E-83	-0.2961304	0.178	0.374	6.3E-79	20	FOSB	Proximal tubule cells
9.72E-103	-0.3510845	0.167	0.385	2.1E-98	20	ZFP36	Proximal tubule cells
1.024E-86	-0.2840436	0.254	0.456	2.3E-82	20	S100A11	Proximal tubule cells
1.233E-86	-0.343005	0.198	0.403	2.7E-82	20	EGR1	Proximal tubule cells
6.505E-73	-0.2565948	0.384	0.567	1.4E-68	20	CALM2	Proximal tubule cells
4.573E-83	-0.340412	0.204	0.396	1E-78	20	IFITM3	Proximal tubule cells
4.512E-82	-0.3590918	0.185	0.37	1E-77	20	VIM	Proximal tubule cells
1.876E-92	-0.3115376	0.317	0.528	4.1E-88	20	HLA-B	Proximal tubule cells

9.42E-141	-0.5971609	0.117	0.373	2E-136	20	LGALS1	Proximal tubule cells
4.598E-26	-0.3812741	0.084	0.165	1E-21	20	IGFBP5	Proximal tubule cells
1.464E-91	-0.3335803	0.314	0.526	3.2E-87	20	JUN	Proximal tubule cells
3.411E-90	-0.3494843	0.289	0.491	7.5E-86	20	HSPA1B	Proximal tubule cells
2.88E-99	-0.3913263	0.255	0.47	6.4E-95	20	HSPA1A	Proximal tubule cells
3.64E-171	-0.4242835	0.362	0.642	8E-167	20	H3F3B	Proximal tubule cells
2.54E-152	-0.4986741	0.253	0.524	6E-148	20	DUSP1	Proximal tubule cells
6.897E-42	-0.3275561	0.356	0.483	1.5E-37	20	IGFBP7	Proximal tubule cells
2.57E-88	-0.620008	0.12	0.308	5.7E-84	20	DEFB1	Proximal tubule cells
2.243E-94	-0.3434329	0.539	0.714	5E-90	20	HSP90AA	Proximal tubule cells
4.472E-62	-0.2933755	0.785	0.861	9.9E-58	20	TMSB10	Proximal tubule cells
9.659E-69	-0.4019827	0.429	0.578	2.1E-64	20	SAT1	Proximal tubule cells
5.695E-41	-0.4149842	0.355	0.463	1.3E-36	20	CD74	Proximal tubule cells
7.41E-214	-0.4636656	0.614	0.865	2E-209	20	NEAT1	Proximal tubule cells
5.149E-41	-0.5569003	0.181	0.296	1.1E-36	20	WFDC2	Proximal tubule cells
3.2E-263	-0.7124856	0.368	0.713	7E-259	20	S100A6	Proximal tubule cells
1.814E-86	-0.7523625	0.201	0.38	4E-82	20	HLA-DRA	Proximal tubule cells
6E-280	-0.4768105	0.806	0.941	1E-275	20	PTMA	Proximal tubule cells
1.4E-219	-0.7331997	0.406	0.689	3E-215	20	FOS	Proximal tubule cells
4.24E-226	-0.6018109	0.639	0.836	9E-222	20	ACTB	Proximal tubule cells
7.269E-68	-2.1027633	0.041	0.184	1.6E-63	20	IGKC	Proximal tubule cells
1.47E-52	-0.3442374	0.582	0.376	3.2E-48	20	SPP1	Proximal tubule cells
0	-0.6044756	0.969	1	0	20	MALAT1	Proximal tubule cells
0	-1.0047917	0.698	0.891	0	20	TMSB4X	Proximal tubule cells
5.7E-277	-0.8633309	0.889	0.951	1E-272	20	B2M	Proximal tubule cells
0	2.22204934	0.983	0.37	0	21	SPP1	Immune-Neutrophil
2.88E-285	0.69593048	0.655	0.298	6E-281	21	DEFB1	Immune-Neutrophil
0	0.60124029	0.733	0.324	0	21	CTSD	Immune-Neutrophil
3.88E-220	0.31236256	0.271	0.075	9E-216	21	SLC8A1	Immune-Neutrophil
3.206E-76	0.44288089	0.201	0.084	7.1E-72	21	APOC1	Immune-Neutrophil
3.23E-242	0.28684789	0.298	0.082	7E-238	21	ITGB6	Immune-Neutrophil
6.48E-266	0.29863875	0.368	0.107	1E-261	21	TMEM52E	Immune-Neutrophil
4.98E-219	0.42717387	0.611	0.288	1E-214	21	WFDC2	Immune-Neutrophil
1.51E-190	0.37643293	0.54	0.255	3E-186	21	ATP1A1	Immune-Neutrophil
1.53E-182	0.30463	0.388	0.151	3E-178	21	CDH16	Immune-Neutrophil
8.61E-162	0.33645284	0.68	0.376	2E-157	21	ATP1B1	Immune-Neutrophil
2.454E-39	0.30533119	0.208	0.114	5.4E-35	21	C1QA	Immune-Neutrophil
5.534E-39	0.31469791	0.26	0.16	1.2E-34	21	CTSB	Immune-Neutrophil
2.003E-38	0.25174796	0.185	0.097	4.4E-34	21	C1QB	Immune-Neutrophil
4.383E-18	0.3568882	0.252	0.188	9.7E-14	21	APOE	Immune-Neutrophil
1.78E-248	0.47157939	1	1	4E-244	21	MT-CO1	Immune-Neutrophil
5.937E-22	0.28266557	0.171	0.107	1.3E-17	21	FABP5	Immune-Neutrophil
2.21E-225	0.42192063	1	1	5E-221	21	MT-CO3	Immune-Neutrophil
7.7E-82	0.25098177	0.555	0.34	1.7E-77	21	CD24	Immune-Neutrophil
2.36E-146	0.39071147	0.987	0.964	5E-142	21	MT-ND1	Immune-Neutrophil
5.97E-76	0.25377807	0.52	0.332	1.3E-71	21	MTRNR2L	Immune-Neutrophil
1.43E-123	0.29052179	0.999	0.999	3E-119	21	MT-ND4	Immune-Neutrophil
1.03E-126	0.279216	1	1	2E-122	21	MT-CO2	Immune-Neutrophil

4.99E-104	0.25840389	0.998	0.994	1E-99	21	MT-ATP6	Immune-Neutrophil
3.934E-40	-0.3159427	0.034	0.14	8.7E-36	21	CTGF	Immune-Neutrophil
1.744E-46	-0.2507405	0.056	0.183	3.9E-42	21	SPARC	Immune-Neutrophil
3.154E-36	-0.2624851	0.053	0.157	7E-32	21	CCL5	Immune-Neutrophil
1.359E-60	-0.2792423	0.095	0.259	3E-56	21	IL32	Immune-Neutrophil
1.398E-52	-0.2723663	0.099	0.249	3.1E-48	21	CXCR4	Immune-Neutrophil
7.953E-59	-0.2600621	0.213	0.385	1.8E-54	21	JUNB	Immune-Neutrophil
5.842E-26	-0.2515751	0.149	0.247	1.3E-21	21	HES1	Immune-Neutrophil
6.837E-60	-0.2854077	0.226	0.399	1.5E-55	21	BTG1	Immune-Neutrophil
8.287E-19	-0.3071072	0.092	0.164	1.8E-14	21	MGP	Immune-Neutrophil
2.651E-75	-0.2766839	0.341	0.539	5.9E-71	21	RPL30	Immune-Neutrophil
3.744E-67	-0.2582549	0.38	0.56	8.3E-63	21	RPL29	Immune-Neutrophil
1.148E-72	-0.2612319	0.4	0.592	2.5E-68	21	RPL18	Immune-Neutrophil
1.199E-69	-0.2633881	0.379	0.558	2.6E-65	21	RPS7	Immune-Neutrophil
6.265E-56	-0.2798016	0.301	0.468	1.4E-51	21	PABPC1	Immune-Neutrophil
6.976E-83	-0.289351	0.379	0.579	1.5E-78	21	RPL10A	Immune-Neutrophil
6.854E-69	-0.2673004	0.467	0.634	1.5E-64	21	RPL37	Immune-Neutrophil
1.463E-86	-0.2969192	0.421	0.619	3.2E-82	21	RPS16	Immune-Neutrophil
5.49E-103	-0.3396853	0.377	0.594	1.2E-98	21	RPS5	Immune-Neutrophil
1.368E-73	-0.2775939	0.547	0.701	3E-69	21	RPS17	Immune-Neutrophil
1.218E-68	-0.2517505	0.725	0.841	2.7E-64	21	RPL35	Immune-Neutrophil
3.334E-98	-0.2791039	0.676	0.862	7.4E-94	21	TMSB10	Immune-Neutrophil
1.787E-90	-0.3101568	0.47	0.662	3.9E-86	21	RPL6	Immune-Neutrophil
8.867E-68	-0.2503613	0.756	0.858	2E-63	21	RPL36	Immune-Neutrophil
2.442E-83	-0.3658309	0.319	0.526	5.4E-79	21	JUN	Immune-Neutrophil
1.747E-65	-0.2912789	0.488	0.639	3.9E-61	21	H3F3B	Immune-Neutrophil
9.977E-69	-0.2715513	0.626	0.754	2.2E-64	21	RPS24	Immune-Neutrophil
3.28E-98	-0.3193875	0.525	0.705	7.2E-94	21	RPL19	Immune-Neutrophil
6.07E-102	-0.3307903	0.508	0.688	1.3E-97	21	RPL15	Immune-Neutrophil
3.497E-83	-0.3109414	0.562	0.713	7.7E-79	21	RPS13	Immune-Neutrophil
1.002E-20	-0.3727583	0.187	0.278	2.2E-16	21	MT1X	Immune-Neutrophil
3.053E-69	-0.2895274	0.697	0.803	6.7E-65	21	RPL28	Immune-Neutrophil
8.138E-61	-0.2737705	0.859	0.929	1.8E-56	21	RPS29	Immune-Neutrophil
8.38E-88	-0.3148326	0.612	0.757	1.9E-83	21	RPL7	Immune-Neutrophil
1.067E-98	-0.3465782	0.533	0.718	2.4E-94	21	RPS4X	Immune-Neutrophil
7.8E-124	-0.3936398	0.432	0.658	2E-119	21	RPS3	Immune-Neutrophil
8.278E-60	-0.5657976	0.141	0.305	1.8E-55	21	ADIRF	Immune-Neutrophil
4.986E-89	-0.2945235	0.802	0.89	1.1E-84	21	RPS28	Immune-Neutrophil
2.05E-107	-0.3204772	0.69	0.832	5E-103	21	RPS23	Immune-Neutrophil
3.433E-71	-0.3756682	0.487	0.687	7.6E-67	21	FOS	Immune-Neutrophil
1.87E-127	-0.3813151	0.531	0.74	4E-123	21	RPL27A	Immune-Neutrophil
4.62E-99	-0.295134	0.873	0.94	1E-94	21	PTMA	Immune-Neutrophil
5.29E-91	-0.3645904	0.533	0.704	1.2E-86	21	RPS2	Immune-Neutrophil
4.57E-126	-0.3648674	0.614	0.799	1E-121	21	RPS25	Immune-Neutrophil
9.9E-120	-0.3478741	0.723	0.89	2E-115	21	TMSB4X	Immune-Neutrophil
1.27E-125	-0.3761024	0.626	0.813	3E-121	21	RPL12	Immune-Neutrophil
4.176E-05	-0.308244	0.494	0.513	0.92253	21	MT2A	Immune-Neutrophil
4.15E-115	-0.3158881	0.911	0.968	9E-111	21	RPL41	Immune-Neutrophil

2.92E-157	-0.4182527	0.556	0.776	6E-153	21	RPL23A	Immune-Neutrophil
7.54E-137	-0.4101199	0.539	0.737	2E-132	21	RPL3	Immune-Neutrophil
3.96E-157	-0.4218942	0.545	0.76	9E-153	21	RPL35A	Immune-Neutrophil
2.48E-148	-0.4376209	0.53	0.76	5E-144	21	RPS3A	Immune-Neutrophil
1.49E-122	-0.3436697	0.849	0.952	3E-118	21	B2M	Immune-Neutrophil
1.07E-135	-0.3909281	0.633	0.803	2E-131	21	RPL11	Immune-Neutrophil
6.76E-105	-0.3592223	0.716	0.834	1E-100	21	RPLP2	Immune-Neutrophil
2.34E-151	-0.412041	0.65	0.84	5E-147	21	RPL26	Immune-Neutrophil
2.01E-137	-0.3926581	0.7	0.86	4E-133	21	RPS12	Immune-Neutrophil
3.92E-153	-0.4536223	0.548	0.756	9E-149	21	RPL18A	Immune-Neutrophil
3.661E-89	-0.3529061	0.88	0.942	8.1E-85	21	RPL39	Immune-Neutrophil
4.39E-166	-0.4089799	0.749	0.898	1E-161	21	RPS15	Immune-Neutrophil
8.75E-148	-0.4199369	0.7	0.853	2E-143	21	RPS6	Immune-Neutrophil
3.12E-143	-0.3914707	0.838	0.923	7E-139	21	RPLP1	Immune-Neutrophil
1.75E-180	-0.4223049	0.784	0.921	4E-176	21	RPS27A	Immune-Neutrophil
1.23E-164	-0.4357237	0.773	0.905	3E-160	21	RPL32	Immune-Neutrophil
1.78E-217	-0.4795832	0.704	0.883	4E-213	21	RPS14	Immune-Neutrophil
8.35E-167	-0.4731197	0.743	0.897	2E-162	21	RPS19	Immune-Neutrophil
3.83E-215	-0.5445841	0.604	0.828	8E-211	21	RPS15A	Immune-Neutrophil
5.1E-203	-0.4788308	0.78	0.922	1E-198	21	RPL13	Immune-Neutrophil
7.91E-232	-0.5514431	0.642	0.863	2E-227	21	RPS8	Immune-Neutrophil
3.16E-206	-0.4848799	0.782	0.915	7E-202	21	RPL13A	Immune-Neutrophil
6.54E-184	-0.480291	0.819	0.925	1E-179	21	RPS18	Immune-Neutrophil
5.48E-262	-0.5670571	0.828	0.95	1E-257	21	RPL21	Immune-Neutrophil
2.57E-297	-0.648375	0.72	0.917	6E-293	21	RPL10	Immune-Neutrophil
2.19E-293	-0.5637548	0.909	0.98	5E-289	21	RPL34	Immune-Neutrophil
0	-0.6811036	0.873	0.972	0	21	RPS27	Immune-Neutrophil
0.0002691	-0.6824331	0.224	0.241	1	21	MT1G	Immune-Neutrophil
1.079E-32	-1.9805058	0.078	0.183	2.4E-28	21	IGKC	Immune-Neutrophil
0	4.80849179	0.96	0.076	0	22	IGLC2	Immune-B cells
0	3.82932581	0.757	0.07	0	22	IGLC3	Immune-B cells
0	2.6065457	0.794	0.06	0	22	IGHG1	Immune-B cells
0	2.66175624	0.775	0.072	0	22	IGHG3	Immune-B cells
0	1.20294285	0.528	0.025	0	22	IGHGP	Immune-B cells
0	1.42241934	0.468	0.033	0	22	JCHAIN	Immune-B cells
0	0.93917104	0.591	0.029	0	22	MZB1	Immune-B cells
0	0.49901383	0.149	0.005	0	22	IGLV6-57	Immune-B cells
0	1.18932854	0.158	0.013	0	22	IGHM	Immune-B cells
0	0.44747743	0.131	0.008	0	22	IGLV3-21	Immune-B cells
0	0.28894494	0.262	0.012	0	22	DERL3	Immune-B cells
0	0.27718515	0.121	0.007	0	22	IGLV3-1	Immune-B cells
0	0.79482659	0.585	0.127	0	22	XBP1	Immune-B cells
0	1.18568623	0.758	0.257	0	22	SSR4	Immune-B cells
0	0.38539571	0.383	0.043	0	22	FKBP11	Immune-B cells
0	1.06710324	0.554	0.175	0	22	IGKC	Immune-B cells
0	0.26829727	0.252	0.031	0	22	PIM2	Immune-B cells
0	0.33498667	0.354	0.059	0	22	PRDX4	Immune-B cells
6.18E-195	0.3627923	0.464	0.191	1E-190	22	HERPUD1	Immune-B cells

2.77E-223	0.27010955	0.357	0.113	6E-219	22	SPCS3	Immune-B cells
1.89E-222	0.42072098	0.718	0.375	4E-218	22	CYBA	Immune-B cells
2.96E-167	0.30673948	0.438	0.175	7E-163	22	RGS1	Immune-B cells
2.79E-171	0.37160992	0.633	0.349	6E-167	22	SUB1	Immune-B cells
1.34E-133	0.27019163	0.484	0.244	3E-129	22	SPCS2	Immune-B cells
1.955E-70	0.33665267	0.475	0.304	4.3E-66	22	HSP90B1	Immune-B cells
9.91E-117	0.26369266	0.45	0.23	2E-112	22	SPCS1	Immune-B cells
1.46E-106	0.30538362	0.61	0.387	3E-102	22	SEC61G	Immune-B cells
1.76E-170	0.36426052	0.995	0.949	4E-166	22	B2M	Immune-B cells
2.73E-105	0.26982822	0.984	0.921	6E-101	22	RPLP1	Immune-B cells
2.448E-89	-0.4232242	0.017	0.219	5.4E-85	22	CRYAB	Immune-B cells
4.252E-61	-0.3184936	0.018	0.166	9.4E-57	22	CXCL14	Immune-B cells
1.141E-57	-0.3437303	0.019	0.161	2.5E-53	22	MMP7	Immune-B cells
6.362E-70	-0.5435432	0.014	0.178	1.4E-65	22	S100A2	Immune-B cells
4.157E-62	-0.501525	0.016	0.165	9.2E-58	22	IGFBP5	Immune-B cells
4.56E-144	-0.550703	0.03	0.327	1E-139	22	FXYD2	Immune-B cells
5.279E-66	-0.2983338	0.035	0.202	1.2E-61	22	GPX3	Immune-B cells
4.63E-102	-0.2753234	0.056	0.294	1E-97	22	APP	Immune-B cells
4.93E-147	-0.4811103	0.044	0.348	1E-142	22	CD24	Immune-B cells
6.753E-84	-0.2844313	0.057	0.263	1.5E-79	22	ATP1A1	Immune-B cells
1.13E-108	-0.3218798	0.06	0.309	3E-104	22	CD9	Immune-B cells
9.241E-83	-0.4001623	0.04	0.24	2E-78	22	MT1E	Immune-B cells
9.93E-126	-0.7816741	0.03	0.297	2E-121	22	WFDC2	Immune-B cells
1.41E-128	-0.7327758	0.034	0.308	3E-124	22	DEFB1	Immune-B cells
5.522E-66	-0.334172	0.069	0.248	1.2E-61	22	HES1	Immune-B cells
5.34E-75	-0.2526699	0.154	0.364	1.2E-70	22	LAPTM4A	Immune-B cells
1.043E-78	-0.270628	0.158	0.381	2.3E-74	22	S100A10	Immune-B cells
1.34E-164	-0.8176034	0.054	0.387	3E-160	22	ATP1B1	Immune-B cells
1.473E-89	-0.5216677	0.072	0.295	3.3E-85	22	CLU	Immune-B cells
8.417E-66	-0.3111345	0.193	0.396	1.9E-61	22	IFITM3	Immune-B cells
2.38E-100	-0.3406975	0.203	0.456	5.3E-96	22	S100A11	Immune-B cells
5.42E-100	-0.3632246	0.179	0.427	1.2E-95	22	DSTN	Immune-B cells
2.396E-44	-0.2633225	0.265	0.43	5.3E-40	22	CST3	Immune-B cells
1.218E-82	-0.9235608	0.043	0.244	2.7E-78	22	MT1G	Immune-B cells
1.971E-68	-0.2611042	0.357	0.558	4.4E-64	22	SRP14	Immune-B cells
2.527E-86	-0.3045845	0.319	0.548	5.6E-82	22	MYL6	Immune-B cells
1.044E-78	-0.5741467	0.096	0.305	2.3E-74	22	ADIRF	Immune-B cells
5.209E-78	-0.2927066	0.351	0.567	1.2E-73	22	CALM2	Immune-B cells
2.326E-83	-0.3019828	0.323	0.537	5.1E-79	22	NDUFA4	Immune-B cells
5.57E-164	-0.653962	0.142	0.486	1E-159	22	IGFBP7	Immune-B cells
9.8E-110	-0.4825038	0.182	0.441	2E-105	22	HSPB1	Immune-B cells
1.215E-68	-0.2713671	0.502	0.675	2.7E-64	22	RPL31	Immune-B cells
1.153E-83	-0.3058927	0.447	0.641	2.5E-79	22	COX7C	Immune-B cells
4.9E-47	-0.5106188	0.128	0.278	1.1E-42	22	MT1X	Immune-B cells
1.23E-105	-0.2943129	0.818	0.934	3E-101	22	EEF1A1	Immune-B cells
4.29E-183	-0.5163073	0.349	0.668	9E-179	22	ITM2B	Immune-B cells
5.28E-127	-1.0573436	0.099	0.385	1E-122	22	SPP1	Immune-B cells
6.42E-99	-0.3784728	0.608	0.804	1.4E-94	22	FTH1	Immune-B cells

1.281E-66	-0.33196	0.749	0.861	2.8E-62	22	TMSB10	Immune-B cells
1.01E-118	-0.7080009	0.241	0.517	2E-114	22	MT2A	Immune-B cells
2.66E-228	-0.7352195	0.344	0.712	6E-224	22	S100A6	Immune-B cells
9.53E-240	-0.685335	0.512	0.81	2E-235	22	MT-ND4L	Immune-B cells
4.2E-249	-0.5962042	0.719	0.928	9E-245	22	MT-ND5	Immune-B cells
0	-0.6505306	0.931	0.993	0	22	MT-CYB	Immune-B cells
0	-0.6233889	0.997	1	0	22	MT-CO2	Immune-B cells
0	-0.6607971	0.975	0.995	0	22	MT-ND2	Immune-B cells
0	-0.8061221	0.8	0.967	0	22	MT-ND1	Immune-B cells
0	-0.722314	0.939	0.995	0	22	MT-ATP6	Immune-B cells
0	-0.7104905	0.991	1	0	22	MT-ND4	Immune-B cells
0	-0.7703079	0.991	0.999	0	22	MT-ND3	Immune-B cells
0	-0.770633	0.998	1	0	22	MT-CO1	Immune-B cells
0	-0.8022792	0.995	1	0	22	MT-CO3	Immune-B cells
0	0.89579115	0.377	0.003	0	23	LUM	Mesangial cells
0	1.31443115	0.701	0.014	0	23	COL3A1	Mesangial cells
0	1.07552998	0.545	0.01	0	23	COL1A1	Mesangial cells
0	1.33358794	0.71	0.02	0	23	COL1A2	Mesangial cells
0	0.58244563	0.402	0.007	0	23	COL6A3	Mesangial cells
0	0.28084551	0.227	0.004	0	23	THBS2	Mesangial cells
0	1.6399764	0.667	0.081	0	23	FN1	Mesangial cells
0	0.30612043	0.285	0.007	0	23	COL5A2	Mesangial cells
0	0.71545521	0.415	0.03	0	23	DCN	Mesangial cells
0	1.09766111	0.714	0.08	0	23	TAGLN	Mesangial cells
0	2.00145928	0.715	0.155	0	23	MGP	Mesangial cells
0	0.38004378	0.314	0.013	0	23	SULF1	Mesangial cells
0	0.25899656	0.246	0.007	0	23	PCOLCE	Mesangial cells
0	2.14835729	0.86	0.216	0	23	TIMP1	Mesangial cells
0	0.84163861	0.618	0.062	0	23	TPM2	Mesangial cells
0	0.57570148	0.354	0.025	0	23	CCDC80	Mesangial cells
0	0.82189435	0.234	0.024	0	23	TFPI2	Mesangial cells
0	0.47527075	0.434	0.028	0	23	COL6A2	Mesangial cells
0	0.66485365	0.409	0.038	0	23	ACTA2	Mesangial cells
0	0.41579549	0.304	0.019	0	23	SERPINE1	Mesangial cells
0	0.6616188	0.517	0.052	0	23	BGN	Mesangial cells
0	0.26160417	0.174	0.007	0	23	C7	Mesangial cells
0	0.4646135	0.251	0.018	0	23	POSTN	Mesangial cells
0	0.35608151	0.33	0.019	0	23	AEBP1	Mesangial cells
0	0.28637372	0.282	0.015	0	23	LTBP1	Mesangial cells
0	0.94505896	0.309	0.055	0	23	RGS5	Mesangial cells
0	1.01064527	0.843	0.172	0	23	CALD1	Mesangial cells
0	0.37470217	0.359	0.028	0	23	PLAC9	Mesangial cells
0	0.52286083	0.269	0.031	0	23	SERPINE2	Mesangial cells
0	1.6397794	0.918	0.359	0	23	LGALS1	Mesangial cells
0	0.42643721	0.409	0.046	0	23	FSTL1	Mesangial cells
0	0.25659795	0.193	0.014	0	23	NDUFA4L	Mesangial cells
0	0.86949374	0.683	0.173	0	23	SPARC	Mesangial cells
0	0.46380801	0.292	0.043	0	23	HOPX	Mesangial cells

0	0.58399987	0.596	0.114	0	23	MYL9	Mesangial cells
0	0.26460822	0.195	0.017	0	23	CTHRC1	Mesangial cells
0	0.27892224	0.269	0.025	0	23	NR2F1	Mesangial cells
0	0.51680756	0.358	0.063	0	23	IGFBP6	Mesangial cells
0	0.25602868	0.261	0.023	0	23	C1R	Mesangial cells
0	0.25437477	0.248	0.022	0	23	C1S	Mesangial cells
0	0.30512154	0.314	0.035	0	23	MAP1B	Mesangial cells
0	0.27584058	0.287	0.03	0	23	MFGE8	Mesangial cells
0	0.35112788	0.335	0.045	0	23	COL6A1	Mesangial cells
0	0.29178644	0.236	0.027	0	23	THY1	Mesangial cells
0	0.37233543	0.355	0.057	0	23	VCAN	Mesangial cells
0	1.18124286	0.903	0.506	0	23	MT2A	Mesangial cells
0	0.42056337	0.415	0.083	0	23	COL4A1	Mesangial cells
0	0.48207002	0.492	0.133	0	23	CTGF	Mesangial cells
0	0.80484827	0.777	0.36	0	23	VIM	Mesangial cells
0	0.37884749	0.413	0.092	0	23	NNMT	Mesangial cells
0	0.43021095	0.415	0.105	0	23	CYR61	Mesangial cells
0	0.32212399	0.358	0.07	0	23	COL4A2	Mesangial cells
0	0.41206817	0.497	0.133	0	23	TPM4	Mesangial cells
0	0.28141933	0.312	0.059	0	23	CALU	Mesangial cells
0	0.28236552	0.307	0.062	0	23	PHLDA1	Mesangial cells
3.18E-234	0.83858006	0.79	0.476	7E-230	23	IGFBP7	Mesangial cells
1.1E-286	0.33464462	0.354	0.088	2E-282	23	CAV1	Mesangial cells
0	0.25395389	0.311	0.06	0	23	PRKCDBP	Mesangial cells
7.36E-239	0.4321215	0.484	0.169	2E-234	23	TIMP3	Mesangial cells
1.33E-280	0.40863875	0.527	0.182	3E-276	23	TPM1	Mesangial cells
1.2E-241	0.40616462	0.457	0.159	3E-237	23	EMP3	Mesangial cells
1.17E-273	0.25860418	0.301	0.069	3E-269	23	PRSS23	Mesangial cells
7.47E-305	0.27970504	0.374	0.094	2E-300	23	PTRF	Mesangial cells
4.43E-291	0.43550706	0.62	0.247	1E-286	23	ITGB1	Mesangial cells
4.85E-143	0.37328319	0.298	0.102	1E-138	23	CCL2	Mesangial cells
4.51E-263	0.50870854	0.777	0.387	1E-258	23	IFITM3	Mesangial cells
6.07E-229	0.26324634	0.305	0.08	1E-224	23	IGFBP4	Mesangial cells
7.4E-157	0.32166611	0.319	0.11	2E-152	23	ID3	Mesangial cells
2.91E-141	0.30344083	0.273	0.093	6E-137	23	RPL22L1	Mesangial cells
4.42E-178	0.5558718	0.707	0.455	1E-173	23	GAPDH	Mesangial cells
3.61E-219	0.3050268	0.457	0.164	8E-215	23	SELM	Mesangial cells
3.67E-115	0.41935944	0.449	0.233	8E-111	23	ANXA2	Mesangial cells
6.2E-152	0.29018281	0.351	0.127	1E-147	23	A2M	Mesangial cells
1.9E-188	0.26807519	0.387	0.136	4E-184	23	PPIB	Mesangial cells
2.93E-104	0.36910708	0.391	0.192	6E-100	23	TUBA1B	Mesangial cells
6.15E-192	0.2605105	0.403	0.14	1E-187	23	COX7A1	Mesangial cells
7.85E-194	0.42780098	0.722	0.419	2E-189	23	CD63	Mesangial cells
4.26E-99	0.32713098	0.36	0.16	9.4E-95	23	IGFBP5	Mesangial cells
3.85E-106	0.43899303	0.691	0.433	9E-102	23	HSPB1	Mesangial cells
9.66E-175	0.25913855	0.422	0.161	2E-170	23	ANXA5	Mesangial cells
1.28E-132	0.27134676	0.361	0.148	3E-128	23	TUBB	Mesangial cells
4.27E-103	0.27494872	0.316	0.132	9E-99	23	THBS1	Mesangial cells

1.34E-190	0.50234856	0.986	0.885	3E-186	23	TMSB4X	Mesangial cells
2.19E-122	0.35139213	0.688	0.434	5E-118	23	RPS27L	Mesangial cells
4.16E-28	0.49867122	0.736	0.706	9.2E-24	23	S100A6	Mesangial cells
6.73E-112	0.30035993	0.686	0.42	1E-107	23	DSTN	Mesangial cells
3.355E-94	0.3533705	0.712	0.522	7.4E-90	23	ACTG1	Mesangial cells
1.37E-102	0.28859367	0.609	0.381	3E-98	23	RPLP0	Mesangial cells
2.659E-68	0.31221616	0.563	0.389	5.9E-64	23	SEC61G	Mesangial cells
3.56E-99	0.31439337	0.754	0.541	7.9E-95	23	MYL6	Mesangial cells
2.27E-82	0.34053222	0.84	0.699	5E-78	23	RPS2	Mesangial cells
8.988E-31	0.25572913	0.326	0.22	2E-26	23	H2AFZ	Mesangial cells
5.236E-96	0.34058674	0.923	0.831	1.2E-91	23	ACTB	Mesangial cells
2.656E-85	0.33126008	0.943	0.858	5.9E-81	23	TMSB10	Mesangial cells
2.18E-117	0.30972158	0.973	0.921	5E-113	23	RPLP1	Mesangial cells
1.015E-91	0.26883139	0.962	0.913	2.2E-87	23	RPL10	Mesangial cells
3.666E-30	-0.2509097	0.059	0.165	8.1E-26	23	CXCL14	Mesangial cells
4.753E-34	-0.2740902	0.065	0.181	1.1E-29	23	RGS1	Mesangial cells
1.467E-98	-0.4204371	0.096	0.347	3.2E-94	23	CD24	Mesangial cells
1.045E-26	-0.2690084	0.095	0.197	2.3E-22	23	AIF1	Mesangial cells
7.706E-42	-0.4851732	0.048	0.177	1.7E-37	23	S100A2	Mesangial cells
9.171E-25	-0.2727815	0.1	0.197	2E-20	23	TYROBP	Mesangial cells
5.875E-88	-0.479063	0.095	0.326	1.3E-83	23	FXYD2	Mesangial cells
1.012E-30	-0.2841505	0.119	0.237	2.2E-26	23	HLA-DPB1	Mesangial cells
1.207E-96	-0.6972554	0.064	0.308	2.7E-92	23	DEFB1	Mesangial cells
3.554E-51	-0.2528837	0.261	0.447	7.9E-47	23	TXNIP	Mesangial cells
2.097E-38	-0.3371459	0.143	0.294	4.6E-34	23	CLU	Mesangial cells
1.905E-13	-0.2927931	0.091	0.156	4.2E-09	23	LYZ	Mesangial cells
3.133E-41	-0.2807107	0.237	0.383	6.9E-37	23	CYBA	Mesangial cells
5.934E-80	-0.6791328	0.08	0.296	1.3E-75	23	WFDC2	Mesangial cells
1.562E-28	-0.276705	0.415	0.52	3.5E-24	23	DUSP1	Mesangial cells
6.574E-80	-0.3202873	0.452	0.641	1.5E-75	23	COX7C	Mesangial cells
1.9E-111	-0.7938403	0.115	0.385	4E-107	23	ATP1B1	Mesangial cells
1.323E-72	-0.3089061	0.849	0.926	2.9E-68	23	MT-ND5	Mesangial cells
2.923E-61	-0.2864329	0.999	0.999	6.5E-57	23	MT-ND3	Mesangial cells
5.14E-60	-0.4128711	0.406	0.577	1.1E-55	23	SAT1	Mesangial cells
6.31E-100	-0.3965987	0.595	0.808	1.4E-95	23	MT-ND4L	Mesangial cells
3.204E-67	-0.516716	0.263	0.464	7.1E-63	23	CD74	Mesangial cells
3.9E-05	-0.2877161	0.849	0.787	0.8617	23	FTL	Mesangial cells
4.924E-72	-0.3177309	1	1	1.1E-67	23	MT-CO1	Mesangial cells
3.406E-79	-0.33827	1	1	7.5E-75	23	MT-CO3	Mesangial cells
1.834E-48	-0.6293636	0.216	0.378	4.1E-44	23	HLA-DRA	Mesangial cells
8.983E-16	-0.5950749	0.158	0.242	2E-11	23	MT1G	Mesangial cells
4.79E-100	-0.4112107	0.946	0.964	1.1E-95	23	MT-ND1	Mesangial cells
4.683E-77	-0.9873538	0.166	0.384	1E-72	23	SPP1	Mesangial cells
1.304E-06	-1.549828	0.137	0.181	0.0288	23	IGKC	Mesangial cells
0	0.89918134	0.354	0.011	0	24	FABP4	Endothelial cells
0	1.04656996	0.498	0.029	0	24	RBP7	Endothelial cells
0	1.01033871	0.458	0.041	0	24	CXCL12	Endothelial cells
0	1.00336971	0.558	0.066	0	24	PLPP1	Endothelial cells

0	0.50445907	0.426	0.028	0	24	KDR	Endothelial cells
0	0.54845519	0.462	0.035	0	24	PLVAP	Endothelial cells
0	0.65032459	0.505	0.046	0	24	COL15A1	Endothelial cells
0	0.78291787	0.62	0.086	0	24	VWF	Endothelial cells
0	0.54410517	0.507	0.049	0	24	ADGRL4	Endothelial cells
0	0.30517324	0.276	0.015	0	24	BTNL9	Endothelial cells
0	0.98720965	0.697	0.123	0	24	A2M	Endothelial cells
0	1.06185842	0.674	0.129	0	24	SPARCL1	Endothelial cells
0	1.17665388	0.793	0.172	0	24	SPARC	Endothelial cells
0	0.74408886	0.576	0.081	0	24	COL4A1	Endothelial cells
0	0.45358631	0.412	0.039	0	24	FLT1	Endothelial cells
0	0.46754945	0.282	0.029	0	24	CD36	Endothelial cells
0	0.87301885	0.77	0.148	0	24	GNG11	Endothelial cells
0	0.69301626	0.659	0.102	0	24	HSPG2	Endothelial cells
0	0.3473063	0.353	0.029	0	24	CDH5	Endothelial cells
0	0.46750534	0.473	0.053	0	24	CALCRL	Endothelial cells
0	0.26518292	0.267	0.017	0	24	SOX18	Endothelial cells
0	0.88066319	0.502	0.108	0	24	RGCC	Endothelial cells
0	0.62273951	0.549	0.086	0	24	CAV1	Endothelial cells
0	0.29894094	0.258	0.02	0	24	EDNRB	Endothelial cells
0	0.39613702	0.412	0.043	0	24	CD34	Endothelial cells
0	0.70450702	0.642	0.12	0	24	TCF4	Endothelial cells
0	0.88389858	0.719	0.17	0	24	IFI27	Endothelial cells
0	0.33403276	0.251	0.024	0	24	ESM1	Endothelial cells
0	0.48119171	0.518	0.077	0	24	EGFL7	Endothelial cells
0	0.71787501	0.558	0.125	0	24	GSN	Endothelial cells
0	0.48195409	0.445	0.069	0	24	SLC9A3R2	Endothelial cells
0	0.51956368	0.512	0.086	0	24	ENG	Endothelial cells
0	0.35267375	0.368	0.042	0	24	TM4SF18	Endothelial cells
0	0.42036433	0.439	0.06	0	24	RAMP2	Endothelial cells
0	0.46386427	0.452	0.069	0	24	COL4A2	Endothelial cells
0	0.34203515	0.341	0.039	0	24	VWA1	Endothelial cells
0	0.38819223	0.433	0.058	0	24	PCAT19	Endothelial cells
0	0.55239715	0.545	0.104	0	24	EPAS1	Endothelial cells
0	0.46562255	0.42	0.068	0	24	PRSS23	Endothelial cells
0	0.4556409	0.518	0.085	0	24	PECAM1	Endothelial cells
0	0.3048266	0.324	0.036	0	24	TMEM88	Endothelial cells
0	0.46886197	0.508	0.088	0	24	EMCN	Endothelial cells
0	0.31276849	0.249	0.029	0	24	ANGPT2	Endothelial cells
0	0.35714911	0.37	0.05	0	24	RAMP3	Endothelial cells
0	0.50781989	0.502	0.101	0	24	SPRY1	Endothelial cells
0	0.55174099	0.558	0.128	0	24	TGFBR2	Endothelial cells
0	0.49799512	0.493	0.108	0	24	ID1	Endothelial cells
0	0.37353763	0.428	0.073	0	24	CD93	Endothelial cells
0	0.2736717	0.308	0.039	0	24	LDB2	Endothelial cells
0	0.28381561	0.304	0.04	0	24	SLCO2A1	Endothelial cells
3.2E-266	0.27350835	0.174	0.025	7E-262	24	IGFBP3	Endothelial cells
0	0.39377548	0.488	0.106	0	24	CCDC85B	Endothelial cells

0	0.32678785	0.331	0.061	0	24	PLPP3	Endothelial cells
0	0.49332357	0.535	0.151	0	24	MEF2C	Endothelial cells
0	0.39474994	0.442	0.108	0	24	ID3	Endothelial cells
0	0.28991878	0.386	0.071	0	24	PODXL	Endothelial cells
1.05E-288	0.30465254	0.289	0.059	2E-284	24	CCND1	Endothelial cells
0	0.33230818	0.415	0.093	0	24	PTRF	Endothelial cells
0	0.38671077	0.442	0.116	0	24	TM4SF1	Endothelial cells
0	0.26974053	0.332	0.061	0	24	NPDC1	Endothelial cells
0	0.34185322	0.418	0.098	0	24	NFIB	Endothelial cells
0	0.66779724	0.779	0.361	0	24	VIM	Endothelial cells
0	0.36946231	0.429	0.112	0	24	RDX	Endothelial cells
0	0.31754528	0.393	0.09	0	24	EMP1	Endothelial cells
0	0.51701393	0.659	0.246	0	24	FKBP1A	Endothelial cells
0	0.41463923	0.558	0.171	0	24	VAMP5	Endothelial cells
0	0.39559031	0.506	0.153	0	24	CRIP2	Endothelial cells
0	0.31404106	0.4	0.099	0	24	STOM	Endothelial cells
0	0.27752824	0.357	0.079	0	24	IGFBP4	Endothelial cells
0	0.5804994	0.824	0.387	0	24	IFITM3	Endothelial cells
1.45E-285	0.31349637	0.404	0.108	3E-281	24	SEC14L1	Endothelial cells
7.11E-245	0.62411694	0.842	0.475	2E-240	24	IGFBP7	Endothelial cells
1.17E-233	0.37615679	0.496	0.17	3E-229	24	TIMP3	Endothelial cells
2.78E-257	0.25757828	0.352	0.088	6E-253	24	ADGRF5	Endothelial cells
2.11E-221	0.25241368	0.342	0.093	5E-217	24	GIMAP7	Endothelial cells
8.95E-189	0.25671976	0.309	0.086	2E-184	24	FN1	Endothelial cells
3.77E-111	0.3402078	0.284	0.105	8E-107	24	FABP5	Endothelial cells
7.44E-202	0.27774373	0.39	0.125	2E-197	24	ARHGAP2	Endothelial cells
2.69E-179	0.28845714	0.42	0.152	6E-175	24	SPTBN1	Endothelial cells
1.2E-130	0.31242499	0.415	0.177	3E-126	24	SOCS3	Endothelial cells
1.18E-157	0.25872432	0.428	0.16	3E-153	24	MGP	Endothelial cells
2.02E-146	0.3196212	0.555	0.264	4E-142	24	CD59	Endothelial cells
1.72E-134	0.35864476	0.646	0.367	4E-130	24	POMP	Endothelial cells
2.26E-126	0.25903306	0.405	0.173	5E-122	24	SEPW1	Endothelial cells
9.81E-139	0.28758209	0.525	0.249	2E-134	24	ITGB1	Endothelial cells
5.23E-126	0.32855082	0.675	0.393	1E-121	24	MYL12A	Endothelial cells
3.24E-118	0.28865692	0.552	0.286	7E-114	24	APP	Endothelial cells
2.31E-176	0.48709339	0.995	0.885	5E-172	24	TMSB4X	Endothelial cells
3.19E-100	0.25259283	0.507	0.264	7.1E-96	24	IFITM2	Endothelial cells
1.041E-96	0.28420027	0.592	0.354	2.3E-92	24	CALM1	Endothelial cells
8.902E-71	0.27206465	0.59	0.365	2E-66	24	LGALS1	Endothelial cells
3.24E-148	0.41621953	0.993	0.95	7E-144	24	B2M	Endothelial cells
7.26E-76	0.28522326	0.64	0.435	1.6E-71	24	RPS27L	Endothelial cells
3.675E-84	0.2961904	0.75	0.541	8.1E-80	24	MYL6	Endothelial cells
1.212E-77	0.25052668	0.562	0.347	2.7E-73	24	MYL12B	Endothelial cells
1.359E-69	0.26861036	0.636	0.428	3E-65	24	POLR2L	Endothelial cells
1.109E-72	0.26673935	0.729	0.52	2.4E-68	24	HLA-B	Endothelial cells
1.29E-110	0.32422495	0.983	0.857	3E-106	24	TMSB10	Endothelial cells
8.659E-77	0.28869654	0.941	0.894	1.9E-72	24	RPS19	Endothelial cells
3.723E-51	0.26332311	0.807	0.7	8.2E-47	24	RPS2	Endothelial cells

2.776E-79	0.27236664	0.887	0.801	6.1E-75	24	TPT1	Endothelial cells
3.68E-106	0.28587657	0.979	0.938	8E-102	24	PTMA	Endothelial cells
5.236E-64	0.25677715	0.967	0.923	1.2E-59	24	RPS18	Endothelial cells
7.872E-49	-0.3208591	0.021	0.166	1.7E-44	24	CXCL14	Endothelial cells
3.605E-40	-0.3198266	0.032	0.16	8E-36	24	MMP7	Endothelial cells
2.167E-59	-0.3829261	0.04	0.218	4.8E-55	24	CRYAB	Endothelial cells
9.38E-110	-0.5428299	0.048	0.326	2E-105	24	FXYD2	Endothelial cells
7.07E-112	-0.4737872	0.064	0.347	2E-107	24	CD24	Endothelial cells
3.066E-31	-0.2502454	0.08	0.201	6.8E-27	24	GPX3	Endothelial cells
1.208E-40	-0.3337386	0.061	0.197	2.7E-36	24	AIF1	Endothelial cells
2.574E-35	-0.3054005	0.07	0.197	5.7E-31	24	TYROBP	Endothelial cells
3.229E-46	-0.3358651	0.078	0.239	7.1E-42	24	MT1E	Endothelial cells
1.333E-36	-0.3662894	0.061	0.191	2.9E-32	24	APOE	Endothelial cells
1.961E-57	-0.2521249	0.19	0.39	4.3E-53	24	PPDPF	Endothelial cells
5.75E-38	-0.4639955	0.047	0.177	1.3E-33	24	S100A2	Endothelial cells
3.828E-97	-0.736749	0.052	0.307	8.5E-93	24	DEFB1	Endothelial cells
3.846E-15	-0.2765133	0.057	0.122	8.5E-11	24	CCL3	Endothelial cells
8.572E-33	-0.2503974	0.161	0.302	1.9E-28	24	S100A4	Endothelial cells
6.82E-55	-0.2515072	0.242	0.447	1.5E-50	24	TXNIP	Endothelial cells
2.664E-25	-0.3784201	0.059	0.156	5.9E-21	24	LYZ	Endothelial cells
3.808E-39	-0.2812527	0.179	0.334	8.4E-35	24	CTSD	Endothelial cells
9.49E-132	-0.8861235	0.07	0.386	2E-127	24	ATP1B1	Endothelial cells
5.074E-31	-0.2598342	0.255	0.382	1.1E-26	24	CYBA	Endothelial cells
3.547E-74	-0.6878711	0.077	0.296	7.8E-70	24	WFDC2	Endothelial cells
5.536E-37	-0.3941871	0.142	0.294	1.2E-32	24	CLU	Endothelial cells
7.508E-27	-0.2780686	0.313	0.429	1.7E-22	24	CST3	Endothelial cells
6.603E-52	-0.5533632	0.105	0.278	1.5E-47	24	MT1X	Endothelial cells
6.591E-62	-0.9201481	0.057	0.243	1.5E-57	24	MT1G	Endothelial cells
2.163E-56	-0.3415796	0.386	0.577	4.8E-52	24	SAT1	Endothelial cells
2.882E-39	-0.2933297	0.553	0.708	6.4E-35	24	S100A6	Endothelial cells
1.124E-54	-0.2562637	1	0.999	2.5E-50	24	MT-ND4	Endothelial cells
3.002E-56	-0.2864885	0.863	0.926	6.6E-52	24	MT-ND5	Endothelial cells
3.521E-54	-0.2861956	0.997	0.995	7.8E-50	24	MT-ND2	Endothelial cells
9.96E-108	-0.4419176	0.598	0.808	2E-103	24	MT-ND4L	Endothelial cells
4.149E-70	-0.3311099	1	1	9.2E-66	24	MT-CO1	Endothelial cells
5.827E-32	-0.4819331	0.373	0.514	1.3E-27	24	MT2A	Endothelial cells
0.0079212	-0.2996888	0.461	0.375	1	24	HLA-DRA	Endothelial cells
9.801E-90	-0.4068448	0.953	0.964	2.2E-85	24	MT-ND1	Endothelial cells
5.456E-68	-0.4539114	0.72	0.802	1.2E-63	24	FTH1	Endothelial cells
3.632E-83	-1.1051337	0.146	0.384	8E-79	24	SPP1	Endothelial cells
3.6E-111	-0.4215218	1	1	8E-107	24	MT-CO3	Endothelial cells
3.9E-110	-0.4411998	0.999	0.999	9E-106	24	MT-ND3	Endothelial cells
2.806E-34	-0.6626675	0.731	0.788	6.2E-30	24	FTL	Endothelial cells
0.0021902	-1.3387332	0.116	0.09	1	24	IGLC2	Endothelial cells
7.291E-06	-1.6898425	0.237	0.18	0.16109	24	IGKC	Endothelial cells
0	1.27349577	0.639	0.008	0	25	CXCL13	Immune-NK cells
0	0.42030518	0.287	0.006	0	25	TOP2A	Immune-NK cells
0	0.27005929	0.201	0.004	0	25	UBE2C	Immune-NK cells

0	0.45208523	0.308	0.012	0	25	KIAA0101	Immune-NK cells
0	0.25157619	0.211	0.007	0	25	NUSAP1	Immune-NK cells
0	0.78519936	0.489	0.101	0	25	HMGB2	Immune-NK cells
0	0.45321516	0.352	0.042	0	25	IFNG	Immune-NK cells
0	0.5004804	0.49	0.082	0	25	CD2	Immune-NK cells
0	0.73372998	0.596	0.149	0	25	CCL5	Immune-NK cells
0	0.71354801	0.453	0.114	0	25	STMN1	Immune-NK cells
0	0.77298115	0.628	0.173	0	25	RGS1	Immune-NK cells
0	0.37581996	0.26	0.035	0	25	GZMB	Immune-NK cells
0	0.33838382	0.33	0.042	0	25	DUSP4	Immune-NK cells
0	0.45031183	0.461	0.086	0	25	CD3D	Immune-NK cells
0	0.44643609	0.417	0.083	0	25	NKG7	Immune-NK cells
0	0.41100286	0.344	0.067	0	25	GZMA	Immune-NK cells
0	0.59807578	0.599	0.176	0	25	CD52	Immune-NK cells
0	0.2786434	0.27	0.037	0	25	AC09258(	Immune-NK cells
0	0.3388017	0.306	0.054	0	25	TRBC1	Immune-NK cells
7.58E-297	0.69393803	0.573	0.217	2E-292	25	H2AFZ	Immune-NK cells
5.09E-259	0.73401454	0.586	0.255	1E-254	25	HMGN2	Immune-NK cells
0	0.27678458	0.28	0.046	0	25	TRBC2	Immune-NK cells
0	0.25487463	0.263	0.041	0	25	CD7	Immune-NK cells
1.68E-296	0.37969743	0.369	0.088	4E-292	25	ITM2A	Immune-NK cells
2.15E-284	0.28750347	0.28	0.053	5E-280	25	KLRD1	Immune-NK cells
4.7E-291	0.5477517	0.647	0.241	1E-286	25	CXCR4	Immune-NK cells
0	0.25087681	0.274	0.047	0	25	TRAC	Immune-NK cells
1.82E-261	0.44081359	0.477	0.146	4E-257	25	CD69	Immune-NK cells
1.2E-277	0.32654137	0.339	0.077	3E-273	25	ALOX5AP	Immune-NK cells
8.39E-269	0.31309931	0.349	0.083	2E-264	25	CORO1A	Immune-NK cells
6.62E-190	0.41662343	0.401	0.129	1E-185	25	CCL4	Immune-NK cells
8.92E-243	0.50939094	0.622	0.252	2E-238	25	IL32	Immune-NK cells
9.2E-223	0.34599194	0.373	0.104	2E-218	25	FABP5	Immune-NK cells
6.22E-250	0.38449212	0.486	0.156	1E-245	25	PTPRC	Immune-NK cells
1.34E-224	0.25812659	0.268	0.059	3E-220	25	CKS2	Immune-NK cells
4.99E-140	0.47215077	0.43	0.192	1E-135	25	TUBA1B	Immune-NK cells
5.078E-65	0.61357501	0.389	0.234	1.1E-60	25	HIST1H4C	Immune-NK cells
5.55E-145	0.3951238	0.378	0.149	1E-140	25	TUBB	Immune-NK cells
7.27E-201	0.65801485	0.756	0.506	2E-196	25	HMGB1	Immune-NK cells
2.15E-195	0.45072593	0.697	0.325	5E-191	25	SRGN	Immune-NK cells
1.11E-151	0.27870686	0.281	0.084	2E-147	25	PRDM1	Immune-NK cells
3.51E-172	0.34757838	0.453	0.169	8E-168	25	TNFAIP3	Immune-NK cells
3.41E-179	0.31836211	0.414	0.143	8E-175	25	HCST	Immune-NK cells
3.93E-212	0.56690884	0.765	0.472	9E-208	25	PFN1	Immune-NK cells
5.48E-176	0.3274166	0.434	0.16	1E-171	25	IFI16	Immune-NK cells
5.24E-142	0.26298339	0.273	0.083	1E-137	25	PMAIP1	Immune-NK cells
6.97E-162	0.43030388	0.638	0.332	2E-157	25	SH3BGRL	Immune-NK cells
1.58E-157	0.28502311	0.375	0.132	4E-153	25	PPP2R5C	Immune-NK cells
4.41E-148	0.25108009	0.33	0.11	1E-143	25	PSMB9	Immune-NK cells
4.99E-126	0.40122926	0.603	0.351	1E-121	25	SUB1	Immune-NK cells
9.06E-295	0.65938296	0.993	0.95	2E-290	25	B2M	Immune-NK cells

1.19E-105	0.34383742	0.459	0.232	3E-101	25	ID2	Immune-NK cells
6.58E-107	0.32305721	0.565	0.297	1E-102	25	S100A4	Immune-NK cells
9.23E-205	0.54341716	0.989	0.885	2E-200	25	TMSB4X	Immune-NK cells
2.27E-163	0.46143267	0.885	0.691	5E-159	25	RPS26	Immune-NK cells
1.44E-177	0.50267572	0.954	0.831	3E-173	25	ACTB	Immune-NK cells
6.63E-199	0.5229259	0.984	0.938	1E-194	25	PTMA	Immune-NK cells
1.624E-88	0.33804114	0.626	0.393	3.6E-84	25	BTG1	Immune-NK cells
7.19E-144	0.40128548	0.936	0.8	2E-139	25	RPL28	Immune-NK cells
2.22E-181	0.43730965	0.984	0.921	5E-177	25	RPLP1	Immune-NK cells
6.15E-100	0.34428609	0.82	0.634	1.4E-95	25	H3F3B	Immune-NK cells
1.995E-90	0.35262464	0.858	0.699	4.4E-86	25	RPS2	Immune-NK cells
1.721E-63	0.32322028	0.607	0.457	3.8E-59	25	GAPDH	Immune-NK cells
1.26E-107	0.34717854	0.942	0.822	3E-103	25	RPS15A	Immune-NK cells
1.34E-137	0.36091006	0.985	0.941	3E-133	25	RPL39	Immune-NK cells
4.945E-90	0.31236522	0.892	0.751	1.1E-85	25	RPL18A	Immune-NK cells
1.731E-51	0.25961481	0.549	0.389	3.8E-47	25	CFL1	Immune-NK cells
2.23E-119	0.3381681	0.963	0.894	5E-115	25	RPS15	Immune-NK cells
3.93E-106	0.31206274	0.941	0.83	9E-102	25	RPLP2	Immune-NK cells
7.397E-55	0.26196728	0.721	0.589	1.6E-50	25	RPS5	Immune-NK cells
1.646E-93	0.28924436	0.981	0.893	3.6E-89	25	RPS19	Immune-NK cells
6.32E-107	0.30180124	0.996	0.97	1E-102	25	RPS27	Immune-NK cells
1.968E-92	0.28383542	0.974	0.912	4.3E-88	25	RPL13A	Immune-NK cells
3.668E-53	0.25259695	0.781	0.653	8.1E-49	25	RPS3	Immune-NK cells
1.242E-55	0.25077554	0.855	0.755	2.7E-51	25	RPS3A	Immune-NK cells
6.512E-79	0.26122717	0.987	0.947	1.4E-74	25	RPL21	Immune-NK cells
2.392E-45	-0.2529747	0.029	0.176	5.3E-41	25	TIMP3	Immune-NK cells
5.009E-42	-0.3176096	0.028	0.166	1.1E-37	25	CXCL14	Immune-NK cells
1.504E-51	-0.3049455	0.036	0.201	3.3E-47	25	GPX3	Immune-NK cells
6.112E-79	-0.2714807	0.059	0.293	1.4E-74	25	APP	Immune-NK cells
1.251E-73	-0.2568428	0.062	0.288	2.8E-69	25	NGFRAP1	Immune-NK cells
2.473E-60	-0.3994333	0.033	0.218	5.5E-56	25	CRYAB	Immune-NK cells
9.383E-65	-0.3558175	0.045	0.248	2.1E-60	25	HES1	Immune-NK cells
2.433E-84	-0.3246607	0.062	0.308	5.4E-80	25	CD9	Immune-NK cells
2.86E-111	-0.5681888	0.038	0.326	6E-107	25	FXYD2	Immune-NK cells
1.756E-33	-0.2856865	0.039	0.16	3.9E-29	25	MMP7	Immune-NK cells
3.139E-47	-0.5142037	0.027	0.177	6.9E-43	25	S100A2	Immune-NK cells
3.272E-40	-0.4628705	0.03	0.165	7.2E-36	25	IGFBP5	Immune-NK cells
1.61E-103	-0.4622227	0.064	0.347	4E-99	25	CD24	Immune-NK cells
6.45E-101	-0.7507878	0.036	0.307	1.4E-96	25	DEFB1	Immune-NK cells
2.175E-65	-0.2790308	0.105	0.324	4.8E-61	25	RHOB	Immune-NK cells
3.581E-22	-0.2522756	0.055	0.147	7.9E-18	25	CXCL2	Immune-NK cells
4.625E-24	-0.2929722	0.045	0.139	1E-19	25	CTGF	Immune-NK cells
6.887E-22	-0.2687026	0.049	0.138	1.5E-17	25	SPARCL1	Immune-NK cells
1.42E-73	-0.2791382	0.125	0.364	3.1E-69	25	LAPTM4A	Immune-NK cells
6.224E-57	-0.2993068	0.133	0.34	1.4E-52	25	PSAP	Immune-NK cells
2.094E-44	-0.2680337	0.141	0.317	4.6E-40	25	NPC2	Immune-NK cells
2.771E-27	-0.3547089	0.057	0.165	6.1E-23	25	MGP	Immune-NK cells
1.764E-26	-0.3101265	0.077	0.191	3.9E-22	25	APOE	Immune-NK cells

5.076E-72	-0.5303425	0.07	0.295	1.1E-67	25	CLU	Immune-NK cells
1.418E-88	-0.4084477	0.123	0.396	3.1E-84	25	IFITM3	Immune-NK cells
5.71E-113	-0.4834466	0.12	0.432	1E-108	25	CST3	Immune-NK cells
5.793E-55	-0.2650247	0.224	0.426	1.3E-50	25	CD63	Immune-NK cells
7.01E-36	-0.2654262	0.177	0.333	1.5E-31	25	CTSD	Immune-NK cells
4.729E-34	-0.334443	0.102	0.238	1E-29	25	MT1E	Immune-NK cells
6.587E-81	-0.360836	0.171	0.427	1.5E-76	25	DSTN	Immune-NK cells
1.455E-79	-0.7188736	0.06	0.296	3.2E-75	25	WFDC2	Immune-NK cells
7.729E-80	-0.6543772	0.068	0.305	1.7E-75	25	ADIRF	Immune-NK cells
3.19E-125	-0.8712991	0.065	0.386	7E-121	25	ATP1B1	Immune-NK cells
4.201E-47	-0.2583932	0.254	0.447	9.3E-43	25	TXNIP	Immune-NK cells
1.223E-78	-0.4067143	0.148	0.402	2.7E-74	25	EGR1	Immune-NK cells
1.272E-43	-0.2589095	0.278	0.454	2.8E-39	25	S100A11	Immune-NK cells
2.839E-16	-0.3286368	0.078	0.156	6.3E-12	25	LYZ	Immune-NK cells
1.453E-16	-0.2805246	0.135	0.227	3.2E-12	25	TIMP1	Immune-NK cells
5.63E-99	-0.4995788	0.155	0.44	1.2E-94	25	HSPB1	Immune-NK cells
8.502E-64	-0.9386529	0.046	0.243	1.9E-59	25	MT1G	Immune-NK cells
8.56E-149	-0.7205784	0.122	0.485	2E-144	25	IGFBP7	Immune-NK cells
9.09E-44	-0.3280972	0.292	0.468	2E-39	25	HSPA1A	Immune-NK cells
1.723E-44	-0.3732023	0.407	0.577	3.8E-40	25	SAT1	Immune-NK cells
1.44E-140	-0.5148431	0.353	0.667	3E-136	25	ITM2B	Immune-NK cells
1.232E-08	-0.3175712	0.432	0.461	0.00027	25	CD74	Immune-NK cells
3.817E-15	-0.4410115	0.195	0.277	8.4E-11	25	MT1X	Immune-NK cells
9.95E-66	-0.3374475	0.878	0.925	2.2E-61	25	MT-ND5	Immune-NK cells
2.344E-27	-0.3727007	0.636	0.684	5.2E-23	25	FOS	Immune-NK cells
2.474E-88	-1.1209011	0.119	0.384	5.5E-84	25	SPP1	Immune-NK cells
2.416E-95	-0.3516009	0.988	0.992	5.3E-91	25	MT-CYB	Immune-NK cells
1.883E-95	-0.4842558	0.676	0.806	4.2E-91	25	MT-ND4L	Immune-NK cells
6.75E-146	-0.4181674	1	1	1E-141	25	MT-CO2	Immune-NK cells
8.8E-134	-0.4305719	0.99	0.994	2E-129	25	MT-ATP6	Immune-NK cells
1.437E-89	-0.51473	0.673	0.803	3.2E-85	25	FTH1	Immune-NK cells
2.79E-100	-0.5969726	0.519	0.709	6.2E-96	25	S100A6	Immune-NK cells
7.47E-150	-0.4435961	0.999	0.999	2E-145	25	MT-ND4	Immune-NK cells
5.03E-122	-0.4566438	0.984	0.995	1E-117	25	MT-ND2	Immune-NK cells
8.05E-143	-0.4781305	1	1	2E-138	25	MT-CO1	Immune-NK cells
3.36E-118	-0.4945222	0.937	0.964	7E-114	25	MT-ND1	Immune-NK cells
1.941E-32	-0.5759087	0.718	0.788	4.3E-28	25	FTL	Immune-NK cells
1.97E-165	-0.5618585	0.998	0.999	4E-161	25	MT-ND3	Immune-NK cells
1.39E-184	-0.5818413	1	1	3E-180	25	MT-CO3	Immune-NK cells
2.946E-19	-0.5027697	0.156	0.083	6.5E-15	25	IGHG3	Immune-NK cells
6.31E-40	-1.054147	0.18	0.079	1.4E-35	25	IGLC3	Immune-NK cells
1.156E-38	-1.3101315	0.194	0.089	2.6E-34	25	IGLC2	Immune-NK cells
3.46E-111	-1.4663656	0.427	0.178	8E-107	25	IGKC	Immune-NK cells
7.86E-240	0.46428991	0.772	0.299	2E-235	26	DEFB1	Collecting duct
5.5E-183	0.4250922	0.682	0.289	1E-178	26	WFDC2	Collecting duct
1E-215	0.28541609	0.537	0.171	2E-211	26	S100A2	Collecting duct
1.58E-268	0.66485565	0.993	0.803	4E-264	26	MT-ND4L	Collecting duct
7.03E-188	0.37268502	0.822	0.377	2E-183	26	ATP1B1	Collecting duct

0	0.75431392	1	0.964	0	26	MT-ND1	Collecting duct
1.61E-122	0.35456153	0.537	0.25	4E-118	26	MT-ATP8	Collecting duct
9.35E-112	0.2719484	0.395	0.153	2E-107	26	CDH16	Collecting duct
0	0.68781005	1	1	0	26	MT-CO1	Collecting duct
0	0.68345684	1	1	0	26	MT-CO3	Collecting duct
2.05E-296	0.60898965	0.997	0.924	5E-292	26	MT-ND5	Collecting duct
0	0.61967375	1	0.999	0	26	MT-ND4	Collecting duct
0	0.58867153	1	0.992	0	26	MT-CYB	Collecting duct
0	0.58307268	1	0.994	0	26	MT-ATP6	Collecting duct
2.27E-247	0.50231733	1	0.999	5E-243	26	MT-ND3	Collecting duct
3.27E-289	0.49269052	1	0.995	7E-285	26	MT-ND2	Collecting duct
0	0.48805122	1	1	0	26	MT-CO2	Collecting duct
5.779E-33	-0.3385603	0.002	0.117	1.3E-28	26	C1QA	Collecting duct
6.633E-34	-0.3431924	0.003	0.122	1.5E-29	26	CCL3	Collecting duct
1.777E-51	-0.2886676	0.008	0.184	3.9E-47	26	CD52	Collecting duct
7.098E-36	-0.3282037	0.006	0.134	1.6E-31	26	CCL4	Collecting duct
1.511E-43	-0.4690976	0.005	0.156	3.3E-39	26	LYZ	Collecting duct
1.153E-43	-0.3119364	0.008	0.161	2.5E-39	26	FCER1G	Collecting duct
6.796E-56	-0.3992087	0.009	0.198	1.5E-51	26	AIF1	Collecting duct
7.32E-42	-0.3174866	0.009	0.157	1.6E-37	26	CCL5	Collecting duct
6.039E-49	-0.3449985	0.011	0.181	1.3E-44	26	RGS1	Collecting duct
4.719E-52	-0.3890294	0.016	0.197	1E-47	26	TYROBP	Collecting duct
1.075E-66	-0.3744008	0.025	0.249	2.4E-62	26	CXCR4	Collecting duct
1.22E-31	-0.3276155	0.018	0.14	2.7E-27	26	CTGF	Collecting duct
9.27E-102	-0.5613176	0.026	0.333	2E-97	26	SRGN	Collecting duct
9.825E-50	-0.3226455	0.031	0.211	2.2E-45	26	HLA-DPA1	Collecting duct
3.396E-30	-0.3113095	0.027	0.147	7.5E-26	26	CXCL2	Collecting duct
2.19E-56	-0.3949119	0.037	0.237	4.8E-52	26	HLA-DPB1	Collecting duct
2.773E-50	-0.2536735	0.075	0.272	6.1E-46	26	TSC22D3	Collecting duct
4.162E-43	-0.2919698	0.055	0.224	9.2E-39	26	HLA-DRB1	Collecting duct
4.462E-52	-0.3199489	0.06	0.258	9.9E-48	26	IL32	Collecting duct
5.724E-66	-0.3773781	0.067	0.301	1.3E-61	26	NFKBIA	Collecting duct
3.75E-100	-0.5126374	0.061	0.37	8.3E-96	26	VIM	Collecting duct
1.66E-19	-0.2893291	0.047	0.137	3.7E-15	26	SPARCL1	Collecting duct
1.358E-61	-0.339143	0.107	0.338	3E-57	26	SH3BGRL	Collecting duct
2.327E-83	-0.4319778	0.102	0.383	5.1E-79	26	ZFP36	Collecting duct
4.422E-42	-0.9321814	0.023	0.182	9.8E-38	26	IGKC	Collecting duct
8.521E-45	-0.2909928	0.131	0.321	1.9E-40	26	GPX1	Collecting duct
2.441E-57	-0.2888445	0.165	0.395	5.4E-53	26	HLA-C	Collecting duct
2.581E-50	-0.3687795	0.102	0.303	5.7E-46	26	S100A4	Collecting duct
9.281E-60	-0.3086054	0.162	0.4	2.1E-55	26	MYL12A	Collecting duct
7.576E-53	-0.2587301	0.235	0.466	1.7E-48	26	GNB2L1	Collecting duct
3.834E-57	-0.3202951	0.159	0.384	8.5E-53	26	JUNB	Collecting duct
1.387E-32	-0.284255	0.16	0.316	3.1E-28	26	NPC2	Collecting duct
2.604E-49	-0.3262975	0.166	0.372	5.8E-45	26	FOSB	Collecting duct
3.162E-59	-0.3626322	0.155	0.383	7E-55	26	CYBA	Collecting duct
7.09E-53	-0.2647507	0.293	0.52	1.6E-48	26	RPL23	Collecting duct
1.812E-55	-0.3408734	0.177	0.398	4E-51	26	BTG1	Collecting duct

2.182E-50	-0.257604	0.323	0.545	4.8E-46	26	RPL24	Collecting duct
3.2E-53	-0.3028397	0.234	0.459	7.1E-49	26	HLA-A	Collecting duct
2.694E-65	-0.3115997	0.254	0.506	6E-61	26	EEF1D	Collecting duct
1.281E-43	-0.2553556	0.333	0.537	2.8E-39	26	RPL14	Collecting duct
1.41E-49	-0.2616451	0.341	0.557	3.1E-45	26	RPS7	Collecting duct
1.567E-49	-0.2699585	0.33	0.551	3.5E-45	26	RPL27	Collecting duct
6.339E-24	-0.349808	0.105	0.227	1.4E-19	26	TIMP1	Collecting duct
6.404E-65	-0.3189169	0.282	0.538	1.4E-60	26	RPL30	Collecting duct
3.856E-52	-0.269618	0.37	0.591	8.5E-48	26	RPL18	Collecting duct
5.22E-73	-0.3691189	0.219	0.478	1.2E-68	26	PFN1	Collecting duct
1.69E-115	-0.4965233	0.181	0.527	4E-111	26	HLA-B	Collecting duct
7.366E-47	-0.2769939	0.34	0.546	1.6E-42	26	MYL6	Collecting duct
8.636E-48	-0.2743591	0.366	0.578	1.9E-43	26	RPL10A	Collecting duct
5.713E-43	-0.3166298	0.24	0.433	1.3E-38	26	KLF6	Collecting duct
1.118E-17	-0.3497927	0.096	0.19	2.5E-13	26	APOE	Collecting duct
5.044E-26	-0.2785179	0.254	0.394	1.1E-21	26	IFITM3	Collecting duct
6.927E-79	-0.6273128	0.106	0.37	1.5E-74	26	LGALS1	Collecting duct
1.972E-50	-0.2827262	0.382	0.597	4.4E-46	26	H3F3A	Collecting duct
2.037E-11	-0.3220724	0.095	0.164	4.5E-07	26	MGP	Collecting duct
4.869E-57	-0.2983462	0.409	0.643	1.1E-52	26	RPS20	Collecting duct
2.54E-99	-0.9561205	0.076	0.379	5.6E-95	26	HLA-DRA	Collecting duct
7.081E-74	-0.3513532	0.325	0.593	1.6E-69	26	RPS5	Collecting duct
1.212E-47	-0.3388393	0.27	0.467	2.7E-43	26	PABPC1	Collecting duct
4.531E-54	-0.2835472	0.474	0.681	1E-49	26	FAU	Collecting duct
3.601E-37	-0.3459611	0.232	0.401	8E-33	26	EGR1	Collecting duct
1.882E-51	-0.2804779	0.513	0.704	4.2E-47	26	RPL19	Collecting duct
1.275E-77	-0.3561367	0.355	0.618	2.8E-73	26	RPS16	Collecting duct
2.209E-44	-0.3687411	0.241	0.43	4.9E-40	26	CST3	Collecting duct
1.099E-79	-0.3532808	0.378	0.646	2.4E-75	26	EIF1	Collecting duct
5.306E-72	-0.3411279	0.375	0.616	1.2E-67	26	UBA52	Collecting duct
4.321E-64	-0.3178417	0.431	0.656	9.5E-60	26	RPS9	Collecting duct
7.52E-39	-0.2784521	0.533	0.695	1.7E-34	26	RPS26	Collecting duct
1.816E-83	-0.3640075	0.423	0.696	4E-79	26	RPL9	Collecting duct
8.577E-44	-0.3463196	0.338	0.524	1.9E-39	26	JUN	Collecting duct
1.527E-66	-0.3395101	0.477	0.701	3.4E-62	26	RPS17	Collecting duct
1.743E-47	-0.2544719	0.85	0.933	3.8E-43	26	EEF1A1	Collecting duct
2.211E-51	-0.2848887	0.681	0.831	4.9E-47	26	RPS23	Collecting duct
6.446E-50	-0.3016189	0.651	0.812	1.4E-45	26	RPL12	Collecting duct
1.388E-54	-0.3160072	0.577	0.754	3.1E-50	26	RPS24	Collecting duct
6.009E-73	-0.4916987	0.26	0.521	1.3E-68	26	DUSP1	Collecting duct
9.095E-55	-0.3270188	0.538	0.716	2E-50	26	RPS4X	Collecting duct
1.289E-89	-0.4004563	0.423	0.687	2.8E-85	26	RPL15	Collecting duct
6.68E-92	-0.4298815	0.378	0.657	1.5E-87	26	RPS3	Collecting duct
1.5E-79	-0.3643025	0.559	0.798	3.3E-75	26	RPS25	Collecting duct
2.335E-63	-0.3170435	0.691	0.858	5.2E-59	26	RPL36	Collecting duct
1.292E-68	-0.3485381	0.582	0.775	2.9E-64	26	RPL23A	Collecting duct
6.45E-94	-0.4565092	0.367	0.639	1.4E-89	26	H3F3B	Collecting duct
2.543E-85	-0.3916011	0.52	0.759	5.6E-81	26	RPL35A	Collecting duct

1.328E-72	-0.339633	0.665	0.841	2.9E-68	26	RPL35	Collecting duct
3.65E-120	-0.4785121	0.401	0.714	8E-116	26	RPS13	Collecting duct
6.11E-102	-0.4396462	0.457	0.739	1.4E-97	26	RPL27A	Collecting duct
5.195E-26	-0.5153777	0.147	0.277	1.1E-21	26	MT1X	Collecting duct
1.531E-65	-0.3682783	0.55	0.736	3.4E-61	26	RPL3	Collecting duct
1.782E-82	-0.3874693	0.598	0.802	3.9E-78	26	RPL11	Collecting duct
1.576E-84	-0.3922955	0.621	0.839	3.5E-80	26	RPL26	Collecting duct
3.694E-74	-0.3200111	0.889	0.967	8.2E-70	26	RPL41	Collecting duct
1.5E-106	-0.4550671	0.49	0.757	3E-102	26	RPL7	Collecting duct
3.531E-81	-0.689093	0.203	0.464	7.8E-77	26	CD74	Collecting duct
2.327E-90	-0.4223243	0.587	0.805	5.1E-86	26	TPT1	Collecting duct
4.12E-133	-0.5361043	0.441	0.759	9E-129	26	RPS3A	Collecting duct
2.56E-131	-0.5644264	0.39	0.705	6E-127	26	RPS2	Collecting duct
1.733E-80	-0.3885587	0.691	0.859	3.8E-76	26	RPS12	Collecting duct
7.077E-78	-0.3985848	0.671	0.852	1.6E-73	26	RPS6	Collecting duct
1.057E-97	-0.4414573	0.574	0.804	2.3E-93	26	RPL28	Collecting duct
1.07E-106	-0.4152918	0.708	0.891	2E-102	26	RPS28	Collecting duct
2.45E-102	-0.453462	0.607	0.834	5.4E-98	26	RPLP2	Collecting duct
1.25E-147	-0.5771799	0.439	0.756	3E-143	26	RPL18A	Collecting duct
2.57E-137	-0.4880853	0.657	0.882	6E-133	26	RPS14	Collecting duct
9.45E-125	-0.4639217	0.709	0.897	2E-120	26	RPS15	Collecting duct
7.65E-143	-0.574177	0.532	0.827	2E-138	26	RPS15A	Collecting duct
3.05E-108	-0.4421605	0.787	0.929	7E-104	26	RPS29	Collecting duct
3.786E-06	-0.4048802	0.483	0.513	0.08365	26	MT2A	Collecting duct
5.17E-117	-0.4785566	0.727	0.904	1E-112	26	RPL32	Collecting duct
1.53E-124	-0.4481366	0.814	0.94	3E-120	26	PTMA	Collecting duct
7.53E-154	-0.5862318	0.584	0.862	2E-149	26	RPS8	Collecting duct
3.02E-146	-0.5004698	0.743	0.92	7E-142	26	RPS27A	Collecting duct
3.05E-141	-0.5085773	0.765	0.924	7E-137	26	RPLP1	Collecting duct
2.14E-127	-0.783826	0.374	0.686	5E-123	26	FOS	Collecting duct
1.23E-160	-0.5626361	0.699	0.915	3E-156	26	RPL13A	Collecting duct
2.38E-103	-0.5790145	0.637	0.834	5E-99	26	ACTB	Collecting duct
2.57E-171	-0.581221	0.721	0.922	6E-167	26	RPL13	Collecting duct
1.45E-160	-0.6131355	0.666	0.897	3E-156	26	RPS19	Collecting duct
1.36E-133	-0.5361698	0.81	0.925	3E-129	26	RPS18	Collecting duct
9.99E-133	-0.6942824	0.546	0.804	2E-128	26	FTH1	Collecting duct
2.54E-194	-0.6835087	0.707	0.916	6E-190	26	RPL10	Collecting duct
3.54E-149	-0.7005836	0.664	0.861	8E-145	26	TMSB10	Collecting duct
6.82E-179	-0.6659846	0.772	0.943	2E-174	26	RPL39	Collecting duct
2.93E-209	-0.615577	0.901	0.98	6E-205	26	RPL34	Collecting duct
1.92E-226	-0.7093263	0.758	0.95	4E-222	26	RPL21	Collecting duct
3.21E-209	-0.6898785	0.863	0.971	7E-205	26	RPS27	Collecting duct
5.4E-113	-1.0749524	0.552	0.79	1E-108	26	FTL	Collecting duct
5.41E-262	-1.238889	0.671	0.889	1E-257	26	TMSB4X	Collecting duct
0	-1.3433674	0.754	0.952	0	26	B2M	Collecting duct
0	0.87329236	0.806	0.07	0	27	AQP2	Principal cells
0	0.65412442	0.715	0.091	0	27	FXYD4	Principal cells
0	0.46220406	0.502	0.068	0	27	AQP3	Principal cells

1.27E-270	0.56147766	0.841	0.289	3E-266	27	WFDC2	Principal cells
2.66E-135	0.38774383	0.452	0.153	6E-131	27	CDH16	Principal cells
0	0.79774503	0.999	0.964	0	27	MT-ND1	Principal cells
1.39E-218	0.65781273	0.989	0.803	3E-214	27	MT-ND4L	Principal cells
4.152E-87	0.35948602	0.673	0.341	9.2E-83	27	CD24	Principal cells
0	0.69247372	1	1	0	27	MT-CO1	Principal cells
4.814E-88	0.31244601	0.545	0.25	1.1E-83	27	MT-ATP8	Principal cells
7.23E-218	0.59264503	0.999	0.924	2E-213	27	MT-ND5	Principal cells
7E-293	0.63013685	1	1	2E-288	27	MT-CO3	Principal cells
6.29E-112	0.29095279	0.779	0.378	1E-107	27	ATP1B1	Principal cells
2.21E-287	0.5895872	1	0.999	5E-283	27	MT-ND4	Principal cells
3.4E-216	0.5243794	0.999	0.992	8E-212	27	MT-CYB	Principal cells
2.16E-218	0.51536042	0.999	0.994	5E-214	27	MT-ATP6	Principal cells
5.01E-221	0.46926619	1	1	1E-216	27	MT-CO2	Principal cells
2.85E-168	0.40127795	1	0.995	6E-164	27	MT-ND2	Principal cells
5.21E-112	0.34336833	1	0.999	1E-107	27	MT-ND3	Principal cells
3.244E-38	-0.3430403	0.007	0.18	7.2E-34	27	RGS1	Principal cells
2.314E-27	-0.3277636	0.006	0.133	5.1E-23	27	CCL4	Principal cells
4.703E-24	-0.3349688	0.007	0.122	1E-19	27	CCL3	Principal cells
4.34E-32	-0.3091447	0.011	0.16	9.6E-28	27	FCER1G	Principal cells
1.426E-30	-0.3126026	0.012	0.156	3.1E-26	27	CCL5	Principal cells
3.975E-41	-0.3959615	0.012	0.197	8.8E-37	27	AIF1	Principal cells
4.618E-36	-0.2805718	0.016	0.183	1E-31	27	CD52	Principal cells
5.138E-57	-0.3043674	0.025	0.272	1.1E-52	27	TSC22D3	Principal cells
1.636E-31	-0.4672156	0.01	0.156	3.6E-27	27	LYZ	Principal cells
9.257E-40	-0.3923103	0.016	0.197	2E-35	27	TYROBP	Principal cells
2.643E-21	-0.3217213	0.012	0.117	5.8E-17	27	C1QA	Principal cells
2.765E-49	-0.3651075	0.026	0.248	6.1E-45	27	CXCR4	Principal cells
1.341E-77	-0.5636742	0.024	0.332	3E-73	27	SRGN	Principal cells
6.853E-36	-0.3152251	0.036	0.211	1.5E-31	27	HLA-DPA1	Principal cells
3.331E-23	-0.3409016	0.022	0.139	7.4E-19	27	CTGF	Principal cells
2.946E-47	-0.3509176	0.041	0.258	6.5E-43	27	IL32	Principal cells
2.944E-42	-0.4372223	0.03	0.227	6.5E-38	27	TIMP1	Principal cells
3.926E-21	-0.3167743	0.026	0.137	8.7E-17	27	SPARCL1	Principal cells
1.182E-81	-0.5287632	0.045	0.369	2.6E-77	27	VIM	Principal cells
9.766E-25	-0.2626477	0.047	0.182	2.2E-20	27	SPARC	Principal cells
2.853E-32	-0.291854	0.056	0.224	6.3E-28	27	HLA-DRB1	Principal cells
2.264E-30	-0.4044234	0.036	0.19	5E-26	27	APOE	Principal cells
9.953E-38	-0.3831281	0.051	0.236	2.2E-33	27	HLA-DPB1	Principal cells
7.702E-20	-0.253835	0.061	0.178	1.7E-15	27	IFI27	Principal cells
3.896E-50	-0.4168739	0.067	0.302	8.6E-46	27	S100A4	Principal cells
6.688E-62	-0.358013	0.117	0.399	1.5E-57	27	MYL12A	Principal cells
2.778E-40	-0.3447089	0.093	0.3	6.1E-36	27	NFKBIA	Principal cells
6.618E-36	-0.2952467	0.123	0.321	1.5E-31	27	GPX1	Principal cells
8.685E-38	-2.139951	0.01	0.182	1.9E-33	27	IGKC	Principal cells
1.152E-39	-0.3143828	0.128	0.337	2.5E-35	27	SH3BGRL	Principal cells
1.052E-35	-0.2576052	0.176	0.377	2.3E-31	27	OAZ1	Principal cells
8.779E-45	-0.3042428	0.167	0.394	1.9E-40	27	HLA-C	Principal cells

9.162E-11	-0.2648484	0.072	0.147	2E-06	27	CXCL2	Principal cells
2.709E-51	-0.3840569	0.134	0.382	6E-47	27	CYBA	Principal cells
1.261E-70	-0.6702042	0.077	0.37	2.8E-66	27	LGALS1	Principal cells
3.682E-27	-0.2740123	0.199	0.372	8.1E-23	27	FOSB	Principal cells
6.596E-16	-0.2885302	0.123	0.237	1.5E-11	27	MT1E	Principal cells
5.692E-21	-0.2676008	0.177	0.316	1.3E-16	27	NPC2	Principal cells
1.301E-37	-0.3208499	0.189	0.398	2.9E-33	27	BTG1	Principal cells
3.265E-44	-0.3162143	0.222	0.458	7.2E-40	27	HLA-A	Principal cells
1.795E-38	-0.4271249	0.12	0.324	4E-34	27	FXYD2	Principal cells
1.439E-57	-0.3395219	0.237	0.506	3.2E-53	27	EEF1D	Principal cells
2.45E-41	-0.6056603	0.073	0.278	5.4E-37	27	MT1X	Principal cells
2.306E-37	-0.3470622	0.179	0.382	5.1E-33	27	ZFP36	Principal cells
1.081E-55	-0.3680049	0.215	0.478	2.4E-51	27	PFN1	Principal cells
2.814E-36	-0.2650717	0.354	0.556	6.2E-32	27	RPS7	Principal cells
2.999E-22	-0.2814926	0.245	0.4	6.6E-18	27	EGR1	Principal cells
4.402E-33	-0.3153924	0.238	0.433	9.7E-29	27	KLF6	Principal cells
1.111E-39	-0.2829771	0.337	0.55	2.5E-35	27	RPL27	Principal cells
1.303E-48	-0.3210744	0.292	0.538	2.9E-44	27	RPL30	Principal cells
1.112E-44	-0.2935972	0.373	0.616	2.5E-40	27	UBA52	Principal cells
1.336E-80	-0.4836429	0.201	0.526	3E-76	27	HLA-B	Principal cells
1.308E-32	-0.2614905	0.469	0.66	2.9E-28	27	RPL6	Principal cells
8.988E-25	-0.2799513	0.31	0.466	2E-20	27	PABPC1	Principal cells
5.846E-47	-0.3155938	0.341	0.577	1.3E-42	27	RPL10A	Principal cells
1.677E-43	-0.298581	0.374	0.59	3.7E-39	27	RPL18	Principal cells
3.107E-39	-0.2792319	0.474	0.695	6.9E-35	27	RPL9	Principal cells
1.9E-55	-0.4663558	0.178	0.43	4.2E-51	27	CST3	Principal cells
7.573E-40	-0.2782244	0.476	0.681	1.7E-35	27	FAU	Principal cells
2.854E-44	-0.2843645	0.467	0.68	6.3E-40	27	RPL8	Principal cells
1.537E-43	-0.2961121	0.426	0.642	3.4E-39	27	RPS20	Principal cells
5.334E-47	-0.3037782	0.429	0.656	1.2E-42	27	RPS9	Principal cells
7.432E-12	-0.2526921	0.31	0.393	1.6E-07	27	IFITM3	Principal cells
2.531E-71	-0.3933533	0.316	0.618	5.6E-67	27	RPS16	Principal cells
1.608E-72	-0.3869662	0.341	0.646	3.6E-68	27	EIF1	Principal cells
6.161E-38	-0.2905866	0.505	0.7	1.4E-33	27	RPS17	Principal cells
5.469E-68	-0.3999249	0.311	0.592	1.2E-63	27	RPS5	Principal cells
1.024E-36	-0.2842839	0.529	0.703	2.3E-32	27	RPL19	Principal cells
3.474E-31	-0.278959	0.584	0.735	7.7E-27	27	RPL3	Principal cells
9.259E-26	-0.2603787	0.702	0.811	2E-21	27	RPL12	Principal cells
5.304E-46	-0.3205228	0.489	0.686	1.2E-41	27	RPL15	Principal cells
1.78E-38	-0.2987524	0.579	0.753	3.9E-34	27	RPS24	Principal cells
1.885E-29	-0.5433599	0.13	0.303	4.2E-25	27	ADIRF	Principal cells
1.967E-33	-0.2632213	0.762	0.857	4.3E-29	27	RPL36	Principal cells
8.417E-17	-0.3015796	0.409	0.519	1.9E-12	27	DUSP1	Principal cells
3.796E-38	-0.282435	0.707	0.84	8.4E-34	27	RPL35	Principal cells
8.185E-49	-0.3236081	0.591	0.798	1.8E-44	27	RPS25	Principal cells
3.702E-55	-0.3544013	0.519	0.758	8.2E-51	27	RPL35A	Principal cells
3.739E-71	-0.4310788	0.372	0.657	8.3E-67	27	RPS3	Principal cells
5.664E-54	-0.390516	0.403	0.638	1.3E-49	27	H3F3B	Principal cells

3.782E-49	-0.3392921	0.567	0.774	8.4E-45	27	RPL23A	Principal cells
1.07E-52	-0.348592	0.583	0.802	2.4E-48	27	RPL11	Principal cells
5.438E-51	-0.3535167	0.557	0.756	1.2E-46	27	RPL7	Principal cells
0.0001617	-0.2591643	0.711	0.706	1	27	S100A6	Principal cells
2.779E-35	-0.3109668	0.717	0.851	6.1E-31	27	RPS6	Principal cells
1.621E-40	-0.3329511	0.65	0.803	3.6E-36	27	TPT1	Principal cells
2.332E-84	-0.4622999	0.421	0.713	5.2E-80	27	RPS13	Principal cells
1.912E-56	-0.3756324	0.641	0.838	4.2E-52	27	RPL26	Principal cells
2.54E-81	-0.4544735	0.469	0.738	5.6E-77	27	RPL27A	Principal cells
2.598E-56	-0.3446998	0.75	0.89	5.7E-52	27	RPS28	Principal cells
4.694E-72	-0.4483942	0.496	0.758	1E-67	27	RPS3A	Principal cells
6.42E-107	-0.5897415	0.366	0.704	1E-102	27	RPS2	Principal cells
4.812E-62	-0.395319	0.681	0.859	1.1E-57	27	RPS12	Principal cells
1.39E-106	-0.5605186	0.425	0.755	3E-102	27	RPL18A	Principal cells
2.065E-62	-0.4037322	0.656	0.833	4.6E-58	27	RPLP2	Principal cells
2.789E-72	-0.4450794	0.583	0.803	6.2E-68	27	RPL28	Principal cells
3.618E-52	-0.8747157	0.145	0.378	8E-48	27	HLA-DRA	Principal cells
2.802E-39	-0.593615	0.275	0.463	6.2E-35	27	CD74	Principal cells
8.644E-83	-0.4288346	0.756	0.919	1.9E-78	27	RPS27A	Principal cells
9.05E-102	-0.482966	0.688	0.897	2E-97	27	RPS15	Principal cells
4.155E-80	-0.4743162	0.673	0.861	9.2E-76	27	RPS8	Principal cells
1.267E-81	-0.451255	0.76	0.914	2.8E-77	27	RPL13A	Principal cells
1.7E-121	-0.5411031	0.612	0.882	4E-117	27	RPS14	Principal cells
2.89E-80	-0.4465743	0.782	0.929	6.4E-76	27	RPS29	Principal cells
1.29E-109	-0.5766077	0.549	0.826	3E-105	27	RPS15A	Principal cells
3.978E-86	-0.4691583	0.739	0.904	8.8E-82	27	RPL32	Principal cells
2.55E-88	-0.4402008	0.822	0.94	5.6E-84	27	PTMA	Principal cells
2.546E-52	-0.7693326	0.274	0.514	5.6E-48	27	MT2A	Principal cells
2.639E-56	-0.5994727	0.475	0.685	5.8E-52	27	FOS	Principal cells
1.47E-100	-0.5036635	0.792	0.921	3.2E-96	27	RPL13	Principal cells
2.06E-114	-0.7308797	0.494	0.803	5E-110	27	FTH1	Principal cells
1.74E-129	-0.5698144	0.733	0.923	4E-125	27	RPLP1	Principal cells
1.69E-103	-0.5485354	0.773	0.925	4E-99	27	RPS18	Principal cells
3.68E-81	-0.5942066	0.644	0.834	8.1E-77	27	ACTB	Principal cells
2.42E-140	-0.6602679	0.646	0.896	5E-136	27	RPS19	Principal cells
7.12E-117	-0.5191646	0.934	0.979	2E-112	27	RPL34	Principal cells
9.486E-94	-0.5600939	0.837	0.942	2.1E-89	27	RPL39	Principal cells
4.95E-134	-0.6518716	0.725	0.916	1E-129	27	RPL10	Principal cells
1.6E-134	-0.6115545	0.801	0.949	4E-130	27	RPL21	Principal cells
1.12E-162	-0.8691025	0.577	0.861	2E-158	27	TMSB10	Principal cells
1.91E-148	-0.6731634	0.88	0.971	4E-144	27	RPS27	Principal cells
3.148E-07	-0.8076504	0.183	0.241	0.00695	27	MT1G	Principal cells
7.05E-102	-1.108844	0.518	0.79	1.6E-97	27	FTL	Principal cells
1.99E-112	-0.9363918	0.836	0.887	4E-108	27	TMSB4X	Principal cells
4.44E-251	-1.3702202	0.767	0.952	1E-246	27	B2M	Principal cells
0	2.20836384	0.897	0.02	0	28	CCL18	Immune-Macrophage/monocyte
0	1.35592947	0.613	0.061	0	28	HMOX1	Immune-Macrophage/monocyte
0	1.19430277	0.735	0.084	0	28	LGMN	Immune-Macrophage/monocyte

0	1.26434777	0.815	0.112	0	28	C1QA	Immune-Macrophage/monocyte
0	0.94186896	0.548	0.066	0	28	SLC40A1	Immune-Macrophage/monocyte
0	1.00950274	0.707	0.095	0	28	C1QB	Immune-Macrophage/monocyte
0	1.10261696	0.529	0.084	0	28	APOC1	Immune-Macrophage/monocyte
0	0.95794482	0.686	0.113	0	28	CTSZ	Immune-Macrophage/monocyte
0	0.62448409	0.539	0.061	0	28	C1QC	Immune-Macrophage/monocyte
0	0.64934648	0.572	0.07	0	28	CD163	Immune-Macrophage/monocyte
0	0.46000743	0.344	0.031	0	28	F13A1	Immune-Macrophage/monocyte
0	0.55903198	0.482	0.053	0	28	CFD	Immune-Macrophage/monocyte
0	0.45155158	0.375	0.037	0	28	PLTP	Immune-Macrophage/monocyte
0	0.60794336	0.439	0.059	0	28	GPNMB	Immune-Macrophage/monocyte
0	0.46156261	0.431	0.045	0	28	MS4A4A	Immune-Macrophage/monocyte
0	0.98547706	0.711	0.159	0	28	CTSB	Immune-Macrophage/monocyte
8.21E-227	1.11066033	0.643	0.186	2E-222	28	APOE	Immune-Macrophage/monocyte
0	0.71124492	0.558	0.106	0	28	CTSL	Immune-Macrophage/monocyte
0	0.46904188	0.474	0.062	0	28	CD14	Immune-Macrophage/monocyte
1.79E-275	0.8090413	0.619	0.143	4E-271	28	RNASE1	Immune-Macrophage/monocyte
0	0.74896981	0.693	0.15	0	28	CTSS	Immune-Macrophage/monocyte
0	0.58567041	0.574	0.101	0	28	MS4A6A	Immune-Macrophage/monocyte
0	0.4962449	0.444	0.067	0	28	STAB1	Immune-Macrophage/monocyte
0	0.33681356	0.302	0.032	0	28	ACP5	Immune-Macrophage/monocyte
7.65E-286	1.20438703	0.854	0.328	2E-281	28	CTSD	Immune-Macrophage/monocyte
1.42E-291	0.37820252	0.344	0.043	3E-287	28	SDC3	Immune-Macrophage/monocyte
1.18E-246	0.81452611	0.645	0.179	3E-242	28	SEPP1	Immune-Macrophage/monocyte
4.28E-258	0.80724399	0.693	0.198	9E-254	28	GLUL	Immune-Macrophage/monocyte
0	0.25831541	0.273	0.026	0	28	SLCO2B1	Immune-Macrophage/monocyte
1.31E-249	0.46072376	0.486	0.09	3E-245	28	S100A9	Immune-Macrophage/monocyte
1.49E-219	0.61890178	0.617	0.157	3E-215	28	FCER1G	Immune-Macrophage/monocyte
2.02E-210	0.47634552	0.423	0.084	4E-206	28	LIPA	Immune-Macrophage/monocyte
1.68E-251	0.94960539	0.841	0.334	4E-247	28	PSAP	Immune-Macrophage/monocyte
1.29E-296	1.88782693	0.989	0.786	3E-292	28	FTL	Immune-Macrophage/monocyte
2.55E-227	0.3633571	0.375	0.062	6E-223	28	CREG1	Immune-Macrophage/monocyte
6.75E-213	0.66266048	0.667	0.215	1E-208	28	SDCBP	Immune-Macrophage/monocyte
1.05E-180	0.90556849	0.842	0.373	2E-176	28	HLA-DRA	Immune-Macrophage/monocyte
1.39E-196	0.46790448	0.505	0.12	3E-192	28	LY96	Immune-Macrophage/monocyte
4.59E-185	0.50489837	0.524	0.139	1E-180	28	GRN	Immune-Macrophage/monocyte
1.79E-202	0.27964434	0.299	0.045	4E-198	28	TTYH3	Immune-Macrophage/monocyte
4.56E-198	0.27135842	0.299	0.045	1E-193	28	CD68	Immune-Macrophage/monocyte
2.62E-175	0.52019329	0.651	0.192	6E-171	28	TYROBP	Immune-Macrophage/monocyte
3.5E-179	0.71880726	0.756	0.312	8E-175	28	NPC2	Immune-Macrophage/monocyte
4.45E-155	0.47863671	0.49	0.137	1E-150	28	CTSC	Immune-Macrophage/monocyte
7.18E-176	0.33608779	0.381	0.078	2E-171	28	MFSD1	Immune-Macrophage/monocyte
3.4E-134	0.48463599	0.518	0.153	8E-130	28	LYZ	Immune-Macrophage/monocyte
4.64E-151	0.29707544	0.33	0.066	1E-146	28	MS4A7	Immune-Macrophage/monocyte
1.57E-133	0.37915549	0.415	0.109	3E-129	28	MAFB	Immune-Macrophage/monocyte
6.73E-134	0.30692896	0.309	0.066	1E-129	28	PLD3	Immune-Macrophage/monocyte
4.5E-152	0.27570236	0.312	0.06	1E-147	28	RAP2B	Immune-Macrophage/monocyte
6.27E-131	0.46518266	0.585	0.193	1E-126	28	AIF1	Immune-Macrophage/monocyte

5.14E-132	0.28232169	0.323	0.07	1E-127	28	FCGR3A	Immune-Macrophage/monocyte
1.156E-81	0.33490757	0.27	0.071	2.6E-77	28	CXCL8	Immune-Macrophage/monocyte
9.44E-115	0.34748706	0.408	0.118	2E-110	28	LAPTM5	Immune-Macrophage/monocyte
1.42E-116	0.31994109	0.373	0.101	3E-112	28	BLVRB	Immune-Macrophage/monocyte
1.17E-118	0.35650588	0.434	0.131	3E-114	28	LAMP1	Immune-Macrophage/monocyte
4.767E-83	0.39798353	0.418	0.145	1.1E-78	28	CXCL2	Immune-Macrophage/monocyte
1.4E-135	0.73219737	0.886	0.573	3E-131	28	SAT1	Immune-Macrophage/monocyte
2.38E-99	0.38463488	0.45	0.157	5.2E-95	28	ASAH1	Immune-Macrophage/monocyte
1.329E-63	0.37131948	0.312	0.106	2.9E-59	28	FABP5	Immune-Macrophage/monocyte
3.49E-109	0.25014102	0.293	0.068	8E-105	28	UCP2	Immune-Macrophage/monocyte
1.485E-98	0.49480214	0.696	0.327	3.3E-94	28	SRGN	Immune-Macrophage/monocyte
2.704E-68	0.33708328	0.302	0.098	6E-64	28	NUPR1	Immune-Macrophage/monocyte
1.1E-67	0.27645518	0.246	0.068	2.4E-63	28	CXCL3	Immune-Macrophage/monocyte
1.328E-92	0.35212485	0.46	0.165	2.9E-88	28	MARCKS	Immune-Macrophage/monocyte
2.129E-93	0.50540342	0.714	0.379	4.7E-89	28	CYBA	Immune-Macrophage/monocyte
1.074E-90	0.54509011	0.791	0.459	2.4E-86	28	CD74	Immune-Macrophage/monocyte
1.26E-147	0.78066583	0.961	0.8	3E-143	28	FTH1	Immune-Macrophage/monocyte
6.34E-79	0.36536271	0.55	0.233	1.4E-74	28	HLA-DPB1	Immune-Macrophage/monocyte
3.246E-66	0.45910942	0.669	0.366	7.2E-62	28	LGALS1	Immune-Macrophage/monocyte
6.985E-68	0.29022182	0.368	0.136	1.5E-63	28	DAB2	Immune-Macrophage/monocyte
1.309E-74	0.42799603	0.661	0.374	2.9E-70	28	OAZ1	Immune-Macrophage/monocyte
9.484E-61	0.4055073	0.653	0.365	2.1E-56	28	VIM	Immune-Macrophage/monocyte
1.837E-45	0.41155121	0.514	0.297	4.1E-41	28	TXN	Immune-Macrophage/monocyte
6.96E-62	0.48770237	0.754	0.517	1.5E-57	28	DUSP1	Immune-Macrophage/monocyte
9.647E-60	0.27950419	0.395	0.156	2.1E-55	28	NR4A2	Immune-Macrophage/monocyte
6.496E-63	0.49624381	0.875	0.682	1.4E-58	28	FOS	Immune-Macrophage/monocyte
3.809E-57	0.27309389	0.416	0.181	8.4E-53	28	ARPC5	Immune-Macrophage/monocyte
3.512E-46	0.35586812	0.548	0.318	7.8E-42	28	GPX1	Immune-Macrophage/monocyte
1.04E-61	0.36807744	0.706	0.426	2.3E-57	28	CST3	Immune-Macrophage/monocyte
1.025E-83	0.50647394	0.982	0.886	2.3E-79	28	TMSB4X	Immune-Macrophage/monocyte
6.138E-69	0.45572486	0.937	0.832	1.4E-64	28	ACTB	Immune-Macrophage/monocyte
3.281E-78	0.44974647	0.974	0.858	7.2E-74	28	TMSB10	Immune-Macrophage/monocyte
4.082E-40	0.268331	0.441	0.236	9E-36	28	VAMP8	Immune-Macrophage/monocyte
8.163E-34	0.25046386	0.368	0.186	1.8E-29	28	KLF2	Immune-Macrophage/monocyte
1.013E-36	0.29668953	0.605	0.379	2.2E-32	28	ZFP36	Immune-Macrophage/monocyte
4.96E-32	0.32156935	0.582	0.4	1.1E-27	28	ZFP36L1	Immune-Macrophage/monocyte
4.197E-30	0.25974316	0.381	0.212	9.3E-26	28	CSTB	Immune-Macrophage/monocyte
3.221E-63	0.44464225	0.976	0.95	7.1E-59	28	B2M	Immune-Macrophage/monocyte
2.093E-25	0.33086326	0.622	0.465	4.6E-21	28	HSPA1A	Immune-Macrophage/monocyte
4.811E-28	0.27527269	0.473	0.305	1.1E-23	28	PRDX1	Immune-Macrophage/monocyte
7.959E-30	0.27645195	0.558	0.369	1.8E-25	28	POMP	Immune-Macrophage/monocyte
1.456E-27	0.29868497	0.585	0.423	3.2E-23	28	CD63	Immune-Macrophage/monocyte
2.776E-21	0.2858659	0.553	0.398	6.1E-17	28	EGR1	Immune-Macrophage/monocyte
5.162E-27	0.25982052	0.558	0.369	1.1E-22	28	FOSB	Immune-Macrophage/monocyte
4.295E-45	0.33904125	0.897	0.802	9.5E-41	28	TPT1	Immune-Macrophage/monocyte
3.711E-24	0.25015601	0.605	0.43	8.2E-20	28	KLF6	Immune-Macrophage/monocyte
7.154E-37	0.29998498	0.86	0.778	1.6E-32	28	ATP5E	Immune-Macrophage/monocyte
2.288E-21	-0.276763	0.023	0.165	5.1E-17	28	CXCL14	Immune-Macrophage/monocyte

3.734E-23	-0.4825524	0.016	0.164	8.2E-19	28	IGFBP5	Immune-Macrophage/monocyte
2.775E-15	-0.2756727	0.043	0.159	6.1E-11	28	MMP7	Immune-Macrophage/monocyte
7.976E-26	-0.3822119	0.043	0.217	1.8E-21	28	CRYAB	Immune-Macrophage/monocyte
2.972E-18	-0.2757819	0.061	0.2	6.6E-14	28	GPX3	Immune-Macrophage/monocyte
6.614E-42	-0.4608036	0.061	0.324	1.5E-37	28	FXYD2	Immune-Macrophage/monocyte
2.18E-39	-0.3716686	0.087	0.345	4.8E-35	28	CD24	Immune-Macrophage/monocyte
5.507E-15	-0.3241241	0.048	0.164	1.2E-10	28	MGP	Immune-Macrophage/monocyte
1.532E-24	-0.3350442	0.071	0.246	3.4E-20	28	HES1	Immune-Macrophage/monocyte
6.211E-21	-0.3379866	0.077	0.237	1.4E-16	28	MT1E	Immune-Macrophage/monocyte
4.13E-28	-0.4629186	0.087	0.293	9.1E-24	28	CLU	Immune-Macrophage/monocyte
5.912E-15	-0.4329907	0.056	0.176	1.3E-10	28	S100A2	Immune-Macrophage/monocyte
3.06E-37	-0.3488743	0.17	0.425	6.8E-33	28	DSTN	Immune-Macrophage/monocyte
2.073E-32	-0.5602684	0.079	0.305	4.6E-28	28	DEFB1	Immune-Macrophage/monocyte
1.117E-37	-0.307588	0.238	0.494	2.5E-33	28	RPL5	Immune-Macrophage/monocyte
4.489E-28	-0.2558197	0.322	0.544	9.9E-24	28	RPL24	Immune-Macrophage/monocyte
2.356E-30	-0.2777565	0.326	0.559	5.2E-26	28	RPL29	Immune-Macrophage/monocyte
4.229E-28	-0.2733918	0.318	0.536	9.3E-24	28	RPL14	Immune-Macrophage/monocyte
5.158E-31	-0.5809925	0.088	0.303	1.1E-26	28	ADIRF	Immune-Macrophage/monocyte
1.737E-40	-0.3301428	0.289	0.556	3.8E-36	28	RPS7	Immune-Macrophage/monocyte
1.502E-29	-0.6027784	0.085	0.294	3.3E-25	28	WFDC2	Immune-Macrophage/monocyte
1.364E-35	-0.3141326	0.33	0.577	3E-31	28	RPL10A	Immune-Macrophage/monocyte
1.006E-27	-0.2734014	0.418	0.632	2.2E-23	28	RPL37	Immune-Macrophage/monocyte
2.892E-28	-0.2739038	0.5	0.703	6.4E-24	28	RPL19	Immune-Macrophage/monocyte
7.778E-63	-0.6870728	0.137	0.482	1.7E-58	28	IGFBP7	Immune-Macrophage/monocyte
1.488E-24	-0.264027	0.527	0.699	3.3E-20	28	RPS17	Immune-Macrophage/monocyte
8.473E-29	-0.3935664	0.23	0.438	1.9E-24	28	HSPB1	Immune-Macrophage/monocyte
1.508E-25	-0.2893725	0.473	0.655	3.3E-21	28	RPS3	Immune-Macrophage/monocyte
6.488E-27	-0.2805065	0.585	0.757	1.4E-22	28	RPL35A	Immune-Macrophage/monocyte
1.328E-22	-0.2526466	0.696	0.811	2.9E-18	28	RPL12	Immune-Macrophage/monocyte
3.638E-41	-0.3517382	0.423	0.674	8E-37	28	RPL31	Immune-Macrophage/monocyte
1.644E-32	-0.3108378	0.498	0.686	3.6E-28	28	RPL15	Immune-Macrophage/monocyte
1.253E-43	-0.3630758	0.423	0.66	2.8E-39	28	RPL6	Immune-Macrophage/monocyte
8.326E-10	-0.4355648	0.13	0.241	1.8E-05	28	MT1G	Immune-Macrophage/monocyte
3.112E-12	-0.262188	0.757	0.805	6.9E-08	28	MT-ND4L	Immune-Macrophage/monocyte
2.481E-27	-0.2708485	0.809	0.881	5.5E-23	28	RPS14	Immune-Macrophage/monocyte
2.18E-26	-0.2509312	0.998	1	4.8E-22	28	MT-CO2	Immune-Macrophage/monocyte
1.425E-43	-0.3664154	0.54	0.774	3.1E-39	28	RPL23A	Immune-Macrophage/monocyte
1.937E-25	-0.2998628	0.712	0.824	4.3E-21	28	RPS15A	Immune-Macrophage/monocyte
7.37E-50	-0.40205	0.463	0.716	1.6E-45	28	RPS4X	Immune-Macrophage/monocyte
3.521E-40	-0.3395591	0.616	0.797	7.8E-36	28	RPS25	Immune-Macrophage/monocyte
6.978E-27	-0.2816978	0.881	0.913	1.5E-22	28	RPL13A	Immune-Macrophage/monocyte
2.192E-21	-0.341372	0.577	0.707	4.8E-17	28	S100A6	Immune-Macrophage/monocyte
4.094E-39	-0.7573425	0.141	0.383	9E-35	28	ATP1B1	Immune-Macrophage/monocyte
8.601E-47	-0.3766883	0.603	0.801	1.9E-42	28	RPL11	Immune-Macrophage/monocyte
4.124E-20	-0.2928602	1	1	9.1E-16	28	MT-CO1	Immune-Macrophage/monocyte
9.906E-18	-0.2925834	0.966	0.964	2.2E-13	28	MT-ND1	Immune-Macrophage/monocyte
1.728E-28	-0.29916	0.958	0.97	3.8E-24	28	RPS27	Immune-Macrophage/monocyte
1.159E-57	-0.446729	0.489	0.735	2.6E-53	28	RPL3	Immune-Macrophage/monocyte

2.313E-37	-0.3608876	0.732	0.86	5.1E-33	28	RPS8	Immune-Macrophage/monocyte
1.451E-38	-0.3391106	0.83	0.903	3.2E-34	28	RPL32	Immune-Macrophage/monocyte
1.239E-38	-0.3338687	1	0.999	2.7E-34	28	MT-ND4	Immune-Macrophage/monocyte
1.065E-68	-0.4802703	0.65	0.851	2.4E-64	28	RPS6	Immune-Macrophage/monocyte
7.304E-55	-0.4221966	0.805	0.924	1.6E-50	28	RPS18	Immune-Macrophage/monocyte
2.686E-44	-0.3807611	0.984	0.992	5.9E-40	28	MT-CYB	Immune-Macrophage/monocyte
6.1E-52	-0.4294477	0.823	0.915	1.3E-47	28	RPL10	Immune-Macrophage/monocyte
2.499E-39	-0.4046564	0.987	0.995	5.5E-35	28	MT-ND2	Immune-Macrophage/monocyte
1.318E-07	-0.552333	0.278	0.381	0.00291	28	SPP1	Immune-Macrophage/monocyte
2.649E-76	-0.5013643	1	0.999	5.9E-72	28	MALAT1	Immune-Macrophage/monocyte
4.57E-69	-0.5393768	0.997	0.999	1E-64	28	MT-ND3	Immune-Macrophage/monocyte
0.0060207	-0.5035909	0.117	0.084	1	28	IGHG3	Immune-Macrophage/monocyte
0.0022837	-0.4824632	0.106	0.071	1	28	IGHG1	Immune-Macrophage/monocyte
0.0013893	-1.285913	0.129	0.09	1	28	IGLC2	Immune-Macrophage/monocyte
1.56E-05	-1.4894111	0.252	0.18	0.34462	28	IGKC	Immune-Macrophage/monocyte
0	3.41345431	0.469	0.029	0	29	IGHG4	Immune-B cells
0	3.96348164	1	0.075	0	29	IGLC3	Immune-B cells
0	1.06278924	0.283	0.009	0	29	IGLV3-21	Immune-B cells
7.65E-294	0.45241698	0.323	0.036	2E-289	29	MZB1	Immune-B cells
2.41E-116	0.44745006	0.225	0.039	5E-112	29	JCHAIN	Immune-B cells
9.13E-248	0.35885097	0.464	0.082	2E-243	29	IGHG3	Immune-B cells
5.78E-248	0.27956177	0.429	0.07	1E-243	29	IGHG1	Immune-B cells
1.11E-100	0.64222369	0.591	0.264	2.5E-96	29	SSR4	Immune-B cells
1.07E-56	0.35006584	0.389	0.154	2.4E-52	29	CCL5	Immune-B cells
1.135E-56	0.34257249	0.429	0.178	2.5E-52	29	RGS1	Immune-B cells
2.838E-50	0.30363211	0.331	0.133	6.3E-46	29	XBP1	Immune-B cells
2.999E-46	0.30601507	0.403	0.181	6.6E-42	29	CD52	Immune-B cells
1.998E-30	0.26273627	0.29	0.132	4.4E-26	29	CCL4	Immune-B cells
2.552E-38	0.30497581	0.463	0.245	5.6E-34	29	CXCR4	Immune-B cells
1.099E-44	0.28427292	0.611	0.328	2.4E-40	29	SRGN	Immune-B cells
6.225E-90	0.50512739	0.993	0.95	1.4E-85	29	B2M	Immune-B cells
6.746E-32	0.27762431	0.852	0.692	1.5E-27	29	RPS26	Immune-B cells
8.351E-33	0.28738286	0.973	0.941	1.8E-28	29	RPL39	Immune-B cells
3.963E-37	0.26647513	0.978	0.922	8.8E-33	29	RPLP1	Immune-B cells
2.282E-22	-0.3181384	0.017	0.165	5E-18	29	CXCL14	Immune-B cells
5.466E-22	-0.4750101	0.025	0.176	1.2E-17	29	S100A2	Immune-B cells
2.18E-20	-0.4906525	0.025	0.164	4.8E-16	29	IGFBP5	Immune-B cells
3.723E-15	-0.2847061	0.042	0.159	8.2E-11	29	MMP7	Immune-B cells
1.114E-32	-0.2927085	0.082	0.306	2.5E-28	29	CD9	Immune-B cells
1.164E-18	-0.2794323	0.058	0.2	2.6E-14	29	GPX3	Immune-B cells
7.264E-25	-0.3581304	0.058	0.237	1.6E-20	29	MT1E	Immune-B cells
1.232E-21	-0.3356804	0.057	0.217	2.7E-17	29	CRYAB	Immune-B cells
1.239E-41	-0.4891838	0.062	0.324	2.7E-37	29	FXYD2	Immune-B cells
1.451E-38	-0.408117	0.092	0.345	3.2E-34	29	CD24	Immune-B cells
3.018E-17	-0.2775461	0.097	0.246	6.7E-13	29	HES1	Immune-B cells
9.097E-23	-0.2650162	0.196	0.381	2E-18	29	GSTP1	Immune-B cells
5.257E-31	-0.3298791	0.198	0.425	1.2E-26	29	DSTN	Immune-B cells
6.959E-33	-0.6185131	0.078	0.305	1.5E-28	29	DEFB1	Immune-B cells

6.726E-30	-0.9344635	0.043	0.242	1.5E-25	29	MT1G	Immune-B cells
2.009E-30	-0.6293641	0.078	0.294	4.4E-26	29	WFDC2	Immune-B cells
4.857E-49	-0.7561832	0.085	0.383	1.1E-44	29	ATP1B1	Immune-B cells
1.251E-24	-0.2739212	0.354	0.535	2.8E-20	29	NDUFA4	Immune-B cells
2.079E-29	-0.3858891	0.216	0.438	4.6E-25	29	HSPB1	Immune-B cells
1.135E-15	-0.3863269	0.145	0.293	2.5E-11	29	CLU	Immune-B cells
3.271E-31	-0.4660837	0.238	0.482	7.2E-27	29	IGFBP7	Immune-B cells
3.87E-16	-0.4754728	0.135	0.277	8.6E-12	29	MT1X	Immune-B cells
8.937E-21	-0.5346996	0.133	0.303	2E-16	29	ADIRF	Immune-B cells
2.478E-35	-0.3714743	0.449	0.664	5.5E-31	29	ITM2B	Immune-B cells
5.102E-34	-0.8635378	0.136	0.382	1.1E-29	29	SPP1	Immune-B cells
3.867E-47	-0.3922335	0.79	0.925	8.5E-43	29	MT-ND5	Immune-B cells
6.226E-41	-0.5089954	0.469	0.707	1.4E-36	29	S100A6	Immune-B cells
9.439E-63	-0.521837	0.562	0.806	2.1E-58	29	MT-ND4L	Immune-B cells
2.921E-28	-0.6431774	0.316	0.513	6.5E-24	29	MT2A	Immune-B cells
2.472E-59	-0.448516	0.967	0.992	5.5E-55	29	MT-CYB	Immune-B cells
4.91E-59	-0.4641499	0.985	0.995	1.1E-54	29	MT-ND2	Immune-B cells
5.805E-87	-0.4755333	1	1	1.3E-82	29	MT-CO2	Immune-B cells
8.32E-72	-0.4908584	1	1	1.8E-67	29	MT-CO1	Immune-B cells
1.269E-80	-0.5018363	1	0.999	2.8E-76	29	MT-ND4	Immune-B cells
8.938E-83	-0.6038543	0.85	0.965	2E-78	29	MT-ND1	Immune-B cells
2.261E-69	-0.5362621	0.998	0.999	5E-65	29	MT-ND3	Immune-B cells
1.152E-87	-0.5613865	0.958	0.994	2.5E-83	29	MT-ATP6	Immune-B cells
5.55E-112	-0.6805446	1	1	1E-107	29	MT-CO3	Immune-B cells
0	-0.2794377	0.567	0.088	0	29	IGLC2	Immune-B cells
0	1.95248715	0.883	0.006	0	30	SAA1	Immune-Neutrophil
0	0.88782689	0.513	0.002	0	30	SAA2	Immune-Neutrophil
0	0.58868719	0.306	0.013	0	30	LCN2	Immune-Neutrophil
0	1.73302454	0.669	0.093	0	30	SLPI	Immune-Neutrophil
0	1.47972039	0.634	0.103	0	30	SERPINA1	Immune-Neutrophil
0	0.5399245	0.469	0.032	0	30	C3	Immune-Neutrophil
0	0.36230022	0.331	0.018	0	30	SLC34A2	Immune-Neutrophil
1.11E-255	0.65139201	0.331	0.034	2E-251	30	CXCL1	Immune-Neutrophil
0	1.19813175	0.807	0.156	0	30	MMP7	Immune-Neutrophil
1.54E-301	0.52492076	0.37	0.036	3E-297	30	LTF	Immune-Neutrophil
0	0.83114544	0.607	0.095	0	30	NNMT	Immune-Neutrophil
0	0.78555053	0.694	0.118	0	30	PDZK1IP1	Immune-Neutrophil
4.02E-247	0.41298844	0.331	0.034	9E-243	30	S100A1	Immune-Neutrophil
2.14E-118	0.30103171	0.207	0.027	5E-114	30	TFPI2	Immune-Neutrophil
5.08E-144	0.68932046	0.697	0.214	1E-139	30	CRYAB	Immune-Neutrophil
1.24E-153	0.74267468	0.818	0.29	3E-149	30	CLU	Immune-Neutrophil
2.28E-168	0.26019455	0.285	0.036	5E-164	30	CDH6	Immune-Neutrophil
2.8E-141	0.88822171	0.876	0.379	6E-137	30	SPP1	Immune-Neutrophil
5.63E-120	0.65380553	0.653	0.23	1E-115	30	SOD2	Immune-Neutrophil
5.63E-120	0.65380553	0.653	0.23	1E-115	30	SOD2	Immune-Neutrophil
2.968E-59	0.62590053	0.409	0.145	6.6E-55	30	CXCL2	Immune-Neutrophil
4.92E-116	0.28956548	0.292	0.051	1E-111	30	RRAD	Immune-Neutrophil
2.43E-113	0.38559781	0.451	0.113	5E-109	30	TNFSF10	Immune-Neutrophil

3.97E-104	0.42056455	0.501	0.144	9E-100	30	KRT18	Immune-Neutrophil
1.65E-100	0.46443387	0.57	0.186	3.6E-96	30	TPM1	Immune-Neutrophil
5.484E-59	0.27502545	0.175	0.034	1.2E-54	30	SERPINE2	Immune-Neutrophil
7.294E-98	0.38152939	0.446	0.122	1.6E-93	30	ELF3	Immune-Neutrophil
2.191E-80	0.36125452	0.366	0.098	4.8E-76	30	MGST1	Immune-Neutrophil
6.728E-86	0.31986772	0.34	0.082	1.5E-81	30	VCAM1	Immune-Neutrophil
1.827E-80	0.30171042	0.301	0.071	4E-76	30	ADAMTS1	Immune-Neutrophil
1.203E-77	0.26951411	0.329	0.082	2.7E-73	30	RARRES2	Immune-Neutrophil
5.917E-83	0.25549457	0.336	0.081	1.3E-78	30	LINC0132	Immune-Neutrophil
5.131E-82	0.28382367	0.389	0.106	1.1E-77	30	KRT8	Immune-Neutrophil
8.53E-67	0.47913728	0.72	0.342	1.9E-62	30	CD24	Immune-Neutrophil
2.462E-45	0.35246275	0.338	0.122	5.4E-41	30	TACSTD2	Immune-Neutrophil
1.329E-75	0.39698178	0.706	0.291	2.9E-71	30	WFDC2	Immune-Neutrophil
2.072E-57	0.30908273	0.379	0.125	4.6E-53	30	PIGR	Immune-Neutrophil
3.773E-45	0.31424085	0.31	0.104	8.3E-41	30	CCL2	Immune-Neutrophil
2.041E-36	0.39674109	0.411	0.193	4.5E-32	30	ATF3	Immune-Neutrophil
3.812E-64	0.33566534	0.533	0.213	8.4E-60	30	S100A13	Immune-Neutrophil
4.825E-62	0.44437498	0.784	0.45	1.1E-57	30	S100A11	Immune-Neutrophil
1.34E-48	0.25229497	0.349	0.122	3E-44	30	SERPING1	Immune-Neutrophil
2.616E-43	0.26171962	0.366	0.141	5.8E-39	30	OCIAD2	Immune-Neutrophil
3.19E-52	0.40309958	0.738	0.442	7E-48	30	HINT1	Immune-Neutrophil
9.055E-42	0.295917	0.474	0.218	2E-37	30	NFKBIZ	Immune-Neutrophil
1.513E-37	0.48150918	0.892	0.705	3.3E-33	30	S100A6	Immune-Neutrophil
2.979E-26	0.30267472	0.391	0.199	6.6E-22	30	ANXA1	Immune-Neutrophil
1.285E-22	0.38025569	0.556	0.37	2.8E-18	30	FOSB	Immune-Neutrophil
1.149E-35	0.25880555	0.471	0.23	2.5E-31	30	ENO1	Immune-Neutrophil
2.461E-25	0.26863976	0.471	0.255	5.4E-21	30	IL32	Immune-Neutrophil
2.025E-18	0.3504915	0.6	0.431	4.5E-14	30	KLF6	Immune-Neutrophil
3.711E-27	0.28537744	0.618	0.379	8.2E-23	30	GSTP1	Immune-Neutrophil
4.716E-32	0.28087315	0.634	0.383	1E-27	30	RPLP0	Immune-Neutrophil
2.668E-21	0.30947906	0.593	0.398	5.9E-17	30	EGR1	Immune-Neutrophil
1.803E-21	0.28023001	0.508	0.313	4E-17	30	IER2	Immune-Neutrophil
3.535E-38	0.36852605	0.954	0.859	7.8E-34	30	TMSB10	Immune-Neutrophil
9.983E-39	0.328324	1	1	2.2E-34	30	MT-CO1	Immune-Neutrophil
3.1E-35	0.30155176	0.984	0.966	6.8E-31	30	RPL41	Immune-Neutrophil
8.46E-17	0.27014758	0.924	0.86	1.9E-12	30	NEAT1	Immune-Neutrophil
1.221E-23	0.25419578	1	1	2.7E-19	30	MT-CO2	Immune-Neutrophil
2.208E-09	-0.2669122	0.039	0.137	4.9E-05	30	SPARCL1	Immune-Neutrophil
4.276E-10	-0.2628719	0.067	0.179	9.4E-06	30	RGS1	Immune-Neutrophil
3.427E-10	-0.2884321	0.08	0.196	7.6E-06	30	AIF1	Immune-Neutrophil
7.567E-10	-0.2810322	0.083	0.196	1.7E-05	30	TYROBP	Immune-Neutrophil
3.467E-20	-0.3631919	0.103	0.301	7.7E-16	30	S100A4	Immune-Neutrophil
3.724E-08	-0.3551171	0.062	0.155	0.00082	30	LYZ	Immune-Neutrophil
4.28E-21	-0.3905002	0.124	0.33	9.5E-17	30	SRGN	Immune-Neutrophil
1.73E-08	-0.3252808	0.087	0.19	0.00038	30	APOE	Immune-Neutrophil
1.013E-14	-0.2645487	0.225	0.397	2.2E-10	30	BTG1	Immune-Neutrophil
6.905E-05	-0.2813162	0.097	0.163	1	30	MGP	Immune-Neutrophil
3.738E-08	-0.4153954	0.069	0.163	0.00083	30	IGFBP5	Immune-Neutrophil

3.187E-12	-0.2715299	0.326	0.466	7E-08	30	PABPC1	Immune-Neutrophil
0.0004288	-0.5766899	0.175	0.241	1	30	MT1G	Immune-Neutrophil
6.572E-07	-0.5171817	0.315	0.382	0.01452	30	ATP1B1	Immune-Neutrophil
4.64E-19	-0.4946868	0.894	0.887	1E-14	30	TMSB4X	Immune-Neutrophil
6.587E-06	-0.5337271	0.745	0.788	0.14552	30	FTL	Immune-Neutrophil
0	1.57806045	0.321	0.002	0	31	IGHA2	Immune-B cells
0	4.72249948	1	0.04	0	31	IGHA1	Immune-B cells
0	2.9317946	0.785	0.037	0	31	JCHAIN	Immune-B cells
0	0.86424138	0.579	0.036	0	31	MZB1	Immune-B cells
9.62E-300	2.60227154	0.797	0.178	2E-295	31	IGKC	Immune-B cells
2.21E-155	2.30589732	0.447	0.089	5E-151	31	IGLC2	Immune-B cells
1.4E-136	1.99661499	0.402	0.079	3E-132	31	IGLC3	Immune-B cells
0	0.38239524	0.33	0.013	0	31	TNFRSF17	Immune-B cells
2.66E-260	0.37891992	0.153	0.007	6E-256	31	IGKV3-20	Immune-B cells
0	0.31225492	0.292	0.015	0	31	DERL3	Immune-B cells
2.81E-160	1.00095978	0.739	0.264	6E-156	31	SSR4	Immune-B cells
7.18E-195	0.33151153	0.359	0.047	2E-190	31	FKBP11	Immune-B cells
1.82E-168	0.29451803	0.28	0.034	4E-164	31	PIM2	Immune-B cells
5.28E-139	0.58757639	0.531	0.132	1E-134	31	XBP1	Immune-B cells
1.68E-62	0.25101731	0.263	0.064	3.7E-58	31	ANKRD28	Immune-B cells
4.385E-26	0.34773843	0.23	0.083	9.7E-22	31	IGHG3	Immune-B cells
1.958E-68	0.28989679	0.385	0.116	4.3E-64	31	SPCS3	Immune-B cells
2.521E-56	0.48056539	0.672	0.353	5.6E-52	31	SUB1	Immune-B cells
1.845E-50	0.33291158	0.467	0.194	4.1E-46	31	HERPUD1	Immune-B cells
4.666E-38	0.43406422	0.56	0.306	1E-33	31	HSP90B1	Immune-B cells
3.709E-54	0.39273129	0.725	0.379	8.2E-50	31	CYBA	Immune-B cells
5.721E-16	0.26426079	0.175	0.071	1.3E-11	31	IGHG1	Immune-B cells
9.774E-42	0.29494633	0.493	0.232	2.2E-37	31	SPCS1	Immune-B cells
3.481E-40	0.3058901	0.505	0.247	7.7E-36	31	SPCS2	Immune-B cells
2.539E-37	0.37172778	0.653	0.39	5.6E-33	31	SEC61G	Immune-B cells
3.656E-33	0.26395504	0.457	0.226	8.1E-29	31	SEC61B	Immune-B cells
2.114E-29	0.25894615	0.431	0.214	4.7E-25	31	BTG2	Immune-B cells
9.469E-24	0.29344586	0.51	0.298	2.1E-19	31	NFKBIA	Immune-B cells
1.568E-50	0.40419058	1	0.95	3.5E-46	31	B2M	Immune-B cells
1.393E-07	0.31166667	0.88	0.787	0.00308	31	FTL	Immune-B cells
8.342E-17	0.26748795	0.852	0.683	1.8E-12	31	FOS	Immune-B cells
2.179E-25	0.26748306	0.976	0.922	4.8E-21	31	RPLP1	Immune-B cells
1.557E-17	-0.3434066	0.01	0.164	3.4E-13	31	CXCL14	Immune-B cells
1.601E-15	-0.3476707	0.017	0.159	3.5E-11	31	MMP7	Immune-B cells
1.029E-15	-0.264883	0.026	0.175	2.3E-11	31	TIMP3	Immune-B cells
4.12E-22	-0.4217535	0.022	0.216	9.1E-18	31	CRYAB	Immune-B cells
6.525E-30	-0.3385107	0.048	0.306	1.4E-25	31	CD9	Immune-B cells
2.776E-24	-0.2630231	0.065	0.291	6.1E-20	31	APP	Immune-B cells
1.377E-23	-0.2602393	0.065	0.286	3E-19	31	NGFRAP1	Immune-B cells
1.257E-37	-0.4896631	0.043	0.345	2.8E-33	31	CD24	Immune-B cells
1.925E-32	-0.7783474	0.026	0.294	4.3E-28	31	WFDC2	Immune-B cells
4.75E-19	-0.2620506	0.069	0.261	1E-14	31	ATP1A1	Immune-B cells
6.951E-34	-0.5405963	0.043	0.324	1.5E-29	31	FXYD2	Immune-B cells

7.236E-14	-0.2848478	0.055	0.2	1.6E-09	31	GPX3	Immune-B cells
5.548E-16	-0.5314338	0.026	0.176	1.2E-11	31	S100A2	Immune-B cells
3.64E-20	-0.4015959	0.048	0.237	8E-16	31	MT1E	Immune-B cells
2.537E-32	-0.7585565	0.036	0.305	5.6E-28	31	DEFB1	Immune-B cells
1.335E-13	-0.4867593	0.031	0.163	3E-09	31	IGFBP5	Immune-B cells
4.667E-21	-0.2760721	0.108	0.322	1E-16	31	RHOB	Immune-B cells
1.199E-16	-0.3389105	0.074	0.246	2.6E-12	31	HES1	Immune-B cells
2.653E-20	-0.2587347	0.148	0.362	5.9E-16	31	LAPTM4A	Immune-B cells
3.519E-24	-0.548959	0.069	0.293	7.8E-20	31	CLU	Immune-B cells
6.326E-40	-0.8315236	0.06	0.383	1.4E-35	31	ATP1B1	Immune-B cells
5.087E-24	-0.6087116	0.074	0.303	1.1E-19	31	ADIRF	Immune-B cells
6.998E-19	-0.2851321	0.242	0.452	1.5E-14	31	S100A11	Immune-B cells
4.769E-19	-0.3428504	0.187	0.393	1.1E-14	31	IFITM3	Immune-B cells
3.95E-22	-0.3461184	0.201	0.424	8.7E-18	31	DSTN	Immune-B cells
6.512E-49	-0.7251868	0.112	0.482	1.4E-44	31	IGFBP7	Immune-B cells
3.048E-33	-0.5058265	0.146	0.438	6.7E-29	31	HSPB1	Immune-B cells
1.705E-22	-0.3047843	0.318	0.545	3.8E-18	31	MYL6	Immune-B cells
1.519E-19	-0.2911384	0.337	0.534	3.4E-15	31	NDUFA4	Immune-B cells
1.226E-15	-0.4980549	0.103	0.277	2.7E-11	31	MT1X	Immune-B cells
2.369E-15	-0.2653137	0.395	0.564	5.2E-11	31	CALM2	Immune-B cells
3.555E-19	-0.8711462	0.055	0.241	7.9E-15	31	MT1G	Immune-B cells
1.044E-22	-0.3154068	0.443	0.639	2.3E-18	31	COX7C	Immune-B cells
2.541E-27	-0.289798	0.844	0.932	5.6E-23	31	EEF1A1	Immune-B cells
2.587E-49	-0.5362271	0.33	0.664	5.7E-45	31	ITM2B	Immune-B cells
2.214E-30	-1.1041001	0.108	0.382	4.9E-26	31	SPP1	Immune-B cells
1.194E-24	-0.6459928	0.282	0.513	2.6E-20	31	MT2A	Immune-B cells
5.047E-49	-0.5889592	0.545	0.806	1.1E-44	31	MT-ND4L	Immune-B cells
5.428E-52	-0.7393771	0.39	0.707	1.2E-47	31	S100A6	Immune-B cells
1.159E-52	-0.5240518	0.758	0.925	2.6E-48	31	MT-ND5	Immune-B cells
9.786E-61	-0.5182483	0.959	0.992	2.2E-56	31	MT-CYB	Immune-B cells
4.079E-65	-0.5177865	0.998	1	9E-61	31	MT-CO2	Immune-B cells
2.37E-58	-0.5395637	0.99	0.995	5.2E-54	31	MT-ND2	Immune-B cells
5.318E-67	-0.5942295	0.986	0.999	1.2E-62	31	MT-ND3	Immune-B cells
1.848E-73	-0.5921258	0.998	0.999	4.1E-69	31	MT-ND4	Immune-B cells
1.559E-75	-0.6365964	0.952	0.994	3.4E-71	31	MT-ATP6	Immune-B cells
4.065E-65	-0.6893175	0.859	0.964	9E-61	31	MT-ND1	Immune-B cells
2.748E-74	-0.6265269	1	1	6.1E-70	31	MT-CO1	Immune-B cells
7.906E-78	-0.6948672	0.998	1	1.7E-73	31	MT-CO3	Immune-B cells
0	1.16529846	0.451	0.002	0	32	IGLL5	Immune-B cells
0	3.5721151	0.996	0.069	0	32	IGHG1	Immune-B cells
0	1.18592918	0.227	0.007	0	32	IGLV6-57	Immune-B cells
0	0.33096389	0.114	0.001	0	32	IGLV1-51	Immune-B cells
0	1.21878282	0.777	0.036	0	32	MZB1	Immune-B cells
0	1.3051003	0.535	0.039	0	32	JCHAIN	Immune-B cells
1.84E-266	1.08197036	0.407	0.032	4E-262	32	IGHGP	Immune-B cells
6.09E-231	2.623729	0.857	0.179	1E-226	32	IGKC	Immune-B cells
1.59E-175	1.90504519	0.535	0.083	4E-171	32	IGHG3	Immune-B cells
3.15E-224	0.38537197	0.194	0.009	7E-220	32	IGLV3-1	Immune-B cells

0	0.36544906	0.319	0.015	0	32	DERL3	Immune-B cells
0	0.33048106	0.304	0.013	0	32	TNFRSF17	Immune-B cells
2.99E-279	1.16205637	0.81	0.132	7E-275	32	XBP1	Immune-B cells
2.9E-276	0.58443219	0.502	0.047	6E-272	32	FKBP11	Immune-B cells
2.6E-202	1.45847312	0.923	0.264	6E-198	32	SSR4	Immune-B cells
1.63E-163	0.37874192	0.333	0.034	4E-159	32	PIM2	Immune-B cells
1.38E-166	0.48754248	0.462	0.063	3E-162	32	PRDX4	Immune-B cells
7.11E-122	0.48989266	0.557	0.116	2E-117	32	SPCS3	Immune-B cells
2.53E-109	0.3119797	0.341	0.049	6E-105	32	ELL2	Immune-B cells
1.28E-102	0.34409557	0.366	0.06	2.8E-98	32	SEC11C	Immune-B cells
1.113E-76	0.34498703	0.337	0.064	2.5E-72	32	ANKRD28	Immune-B cells
2.154E-87	0.7825114	0.839	0.379	4.8E-83	32	CYBA	Immune-B cells
3.522E-20	0.38880982	0.128	0.031	7.8E-16	32	IGHG4	Immune-B cells
5.315E-68	0.33230023	0.366	0.082	1.2E-63	32	SDF2L1	Immune-B cells
7.431E-61	0.50161544	0.557	0.194	1.6E-56	32	HERPUD1	Immune-B cells
1.587E-51	0.4704152	0.531	0.178	3.5E-47	32	RGS1	Immune-B cells
1.616E-61	0.35472707	0.44	0.121	3.6E-57	32	SSR3	Immune-B cells
1.886E-61	0.60205817	0.777	0.39	4.2E-57	32	SEC61G	Immune-B cells
3.187E-53	0.46980338	0.608	0.247	7E-49	32	SPCS2	Immune-B cells
2.853E-55	0.5531526	0.725	0.353	6.3E-51	32	SUB1	Immune-B cells
1.42E-39	0.56161656	0.612	0.306	3.1E-35	32	HSP90B1	Immune-B cells
1.388E-49	0.44491901	0.575	0.233	3.1E-45	32	SPCS1	Immune-B cells
8.855E-47	0.28788186	0.407	0.122	2E-42	32	LY96	Immune-B cells
4.37E-47	0.36638186	0.571	0.226	9.7E-43	32	SEC61B	Immune-B cells
3.079E-39	0.25065095	0.308	0.085	6.8E-35	32	PRDM1	Immune-B cells
1.24E-33	0.38682286	0.491	0.214	2.7E-29	32	BTG2	Immune-B cells
5.426E-33	0.43714109	0.604	0.298	1.2E-28	32	NFKBIA	Immune-B cells
1.018E-35	0.36365381	0.59	0.269	2.2E-31	32	TSC22D3	Immune-B cells
1.847E-28	0.31955576	0.476	0.22	4.1E-24	32	FKBP2	Immune-B cells
7.711E-30	0.42924993	0.791	0.517	1.7E-25	32	DUSP1	Immune-B cells
1.414E-28	0.25545874	0.396	0.155	3.1E-24	32	MEF2C	Immune-B cells
2.088E-32	0.48233695	0.901	0.683	4.6E-28	32	FOS	Immune-B cells
7.128E-29	0.27839609	0.476	0.21	1.6E-24	32	SELK	Immune-B cells
1.479E-23	0.25212148	0.374	0.163	3.3E-19	32	VIMP	Immune-B cells
3.567E-24	0.297599	0.524	0.277	7.9E-20	32	TMEM258	Immune-B cells
3.478E-20	0.32603009	0.615	0.37	7.7E-16	32	FOSB	Immune-B cells
8.868E-41	0.50038111	1	0.95	2E-36	32	B2M	Immune-B cells
4.931E-22	0.28555402	0.568	0.313	1.1E-17	32	TMEM59	Immune-B cells
2.124E-42	0.481706	0.978	0.922	4.7E-38	32	RPLP1	Immune-B cells
1.452E-19	0.25104733	0.524	0.283	3.2E-15	32	RPS10	Immune-B cells
2.419E-26	0.32180314	0.941	0.787	5.3E-22	32	FTL	Immune-B cells
8.136E-15	0.28285424	0.755	0.59	1.8E-10	32	RPS5	Immune-B cells
1.967E-18	0.28613683	0.897	0.752	4.3E-14	32	RPL18A	Immune-B cells
1.877E-16	0.27226821	0.864	0.693	4.1E-12	32	RPS26	Immune-B cells
3.166E-09	0.30367815	0.788	0.71	7E-05	32	HSP90AA	Immune-B cells
9.395E-22	0.29940149	0.941	0.839	2.1E-17	32	RPL35	Immune-B cells
4.237E-10	0.25583687	0.674	0.522	9.4E-06	32	JUN	Immune-B cells
3.748E-24	0.32305024	1	0.999	8.3E-20	32	MALAT1	Immune-B cells

8.471E-14	0.28508075	0.93	0.86	1.9E-09	32	NEAT1	Immune-B cells
3.859E-18	0.25740299	0.938	0.802	8.5E-14	32	TPT1	Immune-B cells
6.892E-29	-0.6116721	0	0.323	1.5E-24	32	FXYD2	Immune-B cells
8.578E-13	-0.3686115	0	0.159	1.9E-08	32	MMP7	Immune-B cells
7.447E-16	-0.3458059	0.004	0.2	1.6E-11	32	GPX3	Immune-B cells
2.793E-12	-0.3476105	0.007	0.164	6.2E-08	32	CXCL14	Immune-B cells
2.768E-16	-0.4314562	0.011	0.216	6.1E-12	32	CRYAB	Immune-B cells
2.888E-13	-0.5542344	0.007	0.176	6.4E-09	32	S100A2	Immune-B cells
4.148E-12	-0.267558	0.015	0.174	9.2E-08	32	TIMP3	Immune-B cells
2.855E-29	-0.5358956	0.015	0.344	6.3E-25	32	CD24	Immune-B cells
2.94E-25	-0.8148946	0.011	0.305	6.5E-21	32	DEFB1	Immune-B cells
6.008E-24	-0.8180863	0.011	0.294	1.3E-19	32	WFDC2	Immune-B cells
8.263E-21	-0.3041188	0.033	0.291	1.8E-16	32	APP	Immune-B cells
6.889E-11	-0.2512657	0.029	0.182	1.5E-06	32	CALD1	Immune-B cells
1.02E-18	-0.2872265	0.044	0.286	2.3E-14	32	NGFRAP1	Immune-B cells
3.522E-11	-0.4913702	0.015	0.163	7.8E-07	32	IGFBP5	Immune-B cells
5.399E-16	-0.4235939	0.029	0.237	1.2E-11	32	MT1E	Immune-B cells
9.853E-33	-0.9746626	0.026	0.382	2.2E-28	32	ATP1B1	Immune-B cells
1.06E-20	-0.5963591	0.033	0.293	2.3E-16	32	CLU	Immune-B cells
1.468E-13	-0.3464684	0.051	0.246	3.2E-09	32	HES1	Immune-B cells
1.033E-17	-0.9908231	0.018	0.241	2.3E-13	32	MT1G	Immune-B cells
3.895E-16	-0.3018298	0.081	0.306	8.6E-12	32	CD9	Immune-B cells
8.961E-12	-0.2644931	0.084	0.26	2E-07	32	ATP1A1	Immune-B cells
1.5E-15	-0.3022812	0.15	0.378	3.3E-11	32	S100A10	Immune-B cells
1.512E-37	-0.8171471	0.084	0.481	3.3E-33	32	IGFBP7	Immune-B cells
4.209E-17	-0.645345	0.07	0.303	9.3E-13	32	ADIRF	Immune-B cells
1.571E-12	-0.3311578	0.183	0.393	3.5E-08	32	IFITM3	Immune-B cells
1.498E-10	-0.2606878	0.271	0.452	3.3E-06	32	S100A11	Immune-B cells
3.419E-10	-0.256566	0.374	0.544	7.6E-06	32	MYL6	Immune-B cells
9.397E-13	-0.3270442	0.231	0.424	2.1E-08	32	DSTN	Immune-B cells
8.939E-13	-0.3673674	0.234	0.437	2E-08	32	HSPB1	Immune-B cells
6.91E-08	-0.4317353	0.136	0.276	0.00153	32	MT1X	Immune-B cells
2.493E-13	-0.3194333	0.623	0.801	5.5E-09	32	FTH1	Immune-B cells
2.324E-15	-0.2845241	0.821	0.932	5.1E-11	32	EEF1A1	Immune-B cells
2.427E-30	-0.5275469	0.37	0.664	5.4E-26	32	ITM2B	Immune-B cells
1.967E-23	-0.7212774	0.212	0.513	4.3E-19	32	MT2A	Immune-B cells
2.948E-11	-0.3219861	0.802	0.859	6.5E-07	32	TMSB10	Immune-B cells
4.535E-16	-0.9043117	0.143	0.381	1E-11	32	SPP1	Immune-B cells
1.89E-40	-0.7568836	0.33	0.707	4.2E-36	32	S100A6	Immune-B cells
3.125E-34	-0.5696056	0.824	0.925	6.9E-30	32	MT-ND5	Immune-B cells
5.627E-34	-0.6801329	0.608	0.805	1.2E-29	32	MT-ND4L	Immune-B cells
7.791E-57	-0.6241629	1	1	1.7E-52	32	MT-CO2	Immune-B cells
2.628E-52	-0.7123556	0.978	0.995	5.8E-48	32	MT-ND2	Immune-B cells
3.375E-58	-0.8456844	0.81	0.964	7.5E-54	32	MT-ND1	Immune-B cells
5.459E-66	-0.7824266	0.941	0.992	1.2E-61	32	MT-CYB	Immune-B cells
1.097E-68	-0.7999897	0.949	0.994	2.4E-64	32	MT-ATP6	Immune-B cells
4.86E-72	-0.7976516	0.993	0.999	1.1E-67	32	MT-ND4	Immune-B cells
6.631E-62	-0.8119026	1	1	1.5E-57	32	MT-CO3	Immune-B cells

2.402E-73	-0.8495269	1	1	5.3E-69	32	MT-CO1	Immune-B cells
8.727E-79	-0.9639627	0.982	0.999	1.9E-74	32	MT-ND3	Immune-B cells
4.047E-62	-0.7195686	0.355	0.08	8.9E-58	32	IGLC3	Immune-B cells
1.465E-41	-0.9953024	0.326	0.09	3.2E-37	32	IGLC2	Immune-B cells
0	1.29012041	0.893	0.036	0	33	GZMB	Immune-NK cells
0	0.96655699	0.805	0.038	0	33	JCHAIN	Immune-NK cells
0	0.41011124	0.378	0.008	0	33	BCL11A	Immune-NK cells
0	0.63854836	0.496	0.021	0	33	CLIC3	Immune-NK cells
0	0.51900248	0.511	0.024	0	33	IRF7	Immune-NK cells
0	0.709076	0.576	0.038	0	33	PLAC8	Immune-NK cells
0	0.27672839	0.271	0.007	0	33	P2RY14	Immune-NK cells
0	0.52813609	0.469	0.028	0	33	IRF8	Immune-NK cells
0	0.30213571	0.26	0.009	0	33	SERPINF1	Immune-NK cells
3.08E-272	0.61176798	0.508	0.047	7E-268	33	GPR183	Immune-NK cells
4E-246	0.67354547	0.63	0.079	9E-242	33	ALOX5AP	Immune-NK cells
7.93E-214	0.32852399	0.332	0.025	2E-209	33	SELL	Immune-NK cells
1.7E-188	0.73849061	0.702	0.125	4E-184	33	TCF4	Immune-NK cells
3.12E-184	0.32815159	0.302	0.024	7E-180	33	TSPAN13	Immune-NK cells
5.51E-99	0.81422327	0.466	0.095	1.2E-94	33	AREG	Immune-NK cells
3.08E-135	0.54744601	0.557	0.103	7E-131	33	UGCG	Immune-NK cells
2.547E-94	0.39186708	0.344	0.055	5.6E-90	33	PRMT9	Immune-NK cells
2.634E-58	0.39441664	0.275	0.052	5.8E-54	33	PTGDS	Immune-NK cells
4.496E-85	0.69014464	0.729	0.245	9.9E-81	33	CXCR4	Immune-NK cells
2.271E-66	0.28721617	0.237	0.037	5E-62	33	PTPRS	Immune-NK cells
4.719E-75	0.35174474	0.374	0.077	1E-70	33	CCDC50	Immune-NK cells
2.133E-80	0.25604106	0.286	0.044	4.7E-76	33	PPP1R14	Immune-NK cells
5.162E-86	0.27264069	0.336	0.056	1.1E-81	33	PTPRE	Immune-NK cells
1.478E-76	0.29309534	0.328	0.059	3.3E-72	33	RNASE6	Immune-NK cells
6.437E-56	0.50841718	0.546	0.178	1.4E-51	33	RGS1	Immune-NK cells
3.92E-83	0.74817322	0.935	0.46	8.7E-79	33	CD74	Immune-NK cells
2.173E-46	0.46230775	0.561	0.226	4.8E-42	33	SEC61B	Immune-NK cells
3.039E-39	0.34965982	0.374	0.119	6.7E-35	33	DDIT4	Immune-NK cells
5.267E-40	0.26155954	0.29	0.076	1.2E-35	33	C9orf142	Immune-NK cells
1.291E-93	0.71759869	1	0.859	2.9E-89	33	RPS8	Immune-NK cells
6.638E-32	0.31502016	0.427	0.164	1.5E-27	33	C12orf75	Immune-NK cells
3.068E-36	0.2981641	0.439	0.162	6.8E-32	33	VIMP	Immune-NK cells
8.021E-32	0.32959068	0.45	0.187	1.8E-27	33	CD164	Immune-NK cells
4.261E-40	0.45153522	0.809	0.464	9.4E-36	33	PABPC1	Immune-NK cells
3.825E-45	0.53768466	0.943	0.755	8.5E-41	33	RPS3A	Immune-NK cells
3.232E-17	0.29167369	0.302	0.132	7.1E-13	33	RGS2	Immune-NK cells
2.358E-33	0.44107219	0.779	0.517	5.2E-29	33	RPL23	Immune-NK cells
1.621E-29	0.33509758	0.63	0.318	3.6E-25	33	GPX1	Immune-NK cells
5.033E-13	0.42166497	0.466	0.298	1.1E-08	33	TXN	Immune-NK cells
6.666E-32	0.34376755	0.721	0.38	1.5E-27	33	CYBA	Immune-NK cells
5.545E-77	0.58095027	1	0.97	1.2E-72	33	RPS27	Immune-NK cells
1.296E-30	0.40442122	0.794	0.575	2.9E-26	33	RPS11	Immune-NK cells
3.106E-30	0.4126467	0.863	0.658	6.9E-26	33	RPL6	Immune-NK cells
9.049E-20	0.2754881	0.45	0.233	2E-15	33	SPCS1	Immune-NK cells

5.549E-39	0.43631045	0.95	0.823	1.2E-34	33	RPS15A	Immune-NK cells
3.235E-36	0.41344224	0.939	0.772	7.1E-32	33	RPL23A	Immune-NK cells
1.293E-44	0.44007179	0.962	0.857	2.9E-40	33	RPS12	Immune-NK cells
1.185E-24	0.38072472	0.805	0.631	2.6E-20	33	RPL37	Immune-NK cells
4.493E-29	0.38970481	0.882	0.71	9.9E-25	33	RPS13	Immune-NK cells
1.66E-27	0.37920256	0.882	0.701	3.7E-23	33	RPS2	Immune-NK cells
9.245E-26	0.38651624	0.866	0.714	2E-21	33	RPS4X	Immune-NK cells
1.247E-35	0.43119353	0.985	0.914	2.8E-31	33	RPL10	Immune-NK cells
4.593E-43	0.43114313	0.996	0.948	1E-38	33	RPL21	Immune-NK cells
6.69E-26	0.3680016	0.859	0.702	1.5E-21	33	RPL19	Immune-NK cells
3.468E-37	0.40643296	0.962	0.888	7.7E-33	33	RPS28	Immune-NK cells
2.049E-20	0.3200111	0.79	0.575	4.5E-16	33	RPL10A	Immune-NK cells
9.748E-25	0.35520219	0.916	0.756	2.2E-20	33	RPL35A	Immune-NK cells
5.805E-23	0.34423485	0.859	0.698	1.3E-18	33	RPS17	Immune-NK cells
1.91E-17	0.32489337	0.866	0.683	4.2E-13	33	FOS	Immune-NK cells
1.041E-14	0.28063564	0.573	0.391	2.3E-10	33	SEC61G	Immune-NK cells
4.595E-27	0.35446896	0.924	0.8	1E-22	33	RPL11	Immune-NK cells
1.13E-33	0.38722338	0.977	0.927	2.5E-29	33	RPS29	Immune-NK cells
3.648E-26	0.3650302	0.924	0.829	8.1E-22	33	RPS23	Immune-NK cells
8.169E-17	0.29850667	0.725	0.535	1.8E-12	33	RPL30	Immune-NK cells
4.803E-17	0.30761938	0.725	0.554	1.1E-12	33	RPS7	Immune-NK cells
2.922E-17	0.29277185	0.752	0.548	6.5E-13	33	RPL27	Immune-NK cells
3.755E-15	0.29644969	0.744	0.59	8.3E-11	33	RPS5	Immune-NK cells
4.035E-33	0.35332841	0.989	0.941	8.9E-29	33	RPL39	Immune-NK cells
3.652E-15	0.27961129	0.76	0.613	8.1E-11	33	UBA52	Immune-NK cells
2.916E-20	0.29031733	0.897	0.752	6.4E-16	33	RPS24	Immune-NK cells
8.908E-25	0.32608685	0.973	0.918	2E-20	33	RPS27A	Immune-NK cells
2.127E-27	0.31277331	0.939	0.85	4.7E-23	33	RPS6	Immune-NK cells
7.41E-27	0.31356781	0.996	0.923	1.6E-22	33	RPS18	Immune-NK cells
1.297E-26	0.31259842	0.985	0.913	2.9E-22	33	RPL13A	Immune-NK cells
6.697E-16	0.27201831	0.786	0.64	1.5E-11	33	RPS20	Immune-NK cells
1.632E-17	0.2797985	0.885	0.752	3.6E-13	33	RPL18A	Immune-NK cells
7.769E-14	0.25585827	0.786	0.615	1.7E-09	33	RPS16	Immune-NK cells
4.205E-16	0.27167604	0.817	0.679	9.3E-12	33	FAU	Immune-NK cells
2.714E-35	0.31562389	1	0.979	6E-31	33	RPL34	Immune-NK cells
1.943E-23	0.29190944	0.981	0.894	4.3E-19	33	RPS19	Immune-NK cells
8.268E-21	0.28977913	0.908	0.832	1.8E-16	33	RPLP2	Immune-NK cells
4.346E-15	0.25874193	0.863	0.736	9.6E-11	33	RPL27A	Immune-NK cells
2.476E-19	0.27942589	0.947	0.88	5.5E-15	33	RPS14	Immune-NK cells
4.063E-13	0.25170371	0.805	0.693	9E-09	33	RPL9	Immune-NK cells
7.242E-20	0.26844314	0.962	0.902	1.6E-15	33	RPL32	Immune-NK cells
1.718E-16	0.25931332	0.882	0.803	3.8E-12	33	RPL37A	Immune-NK cells
1.394E-18	0.25005604	0.927	0.836	3.1E-14	33	RPL26	Immune-NK cells
1.14E-11	-0.2897845	0.019	0.181	2.5E-07	33	SPARC	Immune-NK cells
2.171E-10	-0.3237181	0.015	0.159	4.8E-06	33	MMP7	Immune-NK cells
3.648E-10	-0.2605035	0.034	0.182	8.1E-06	33	CALD1	Immune-NK cells
7.936E-17	-0.2744204	0.053	0.286	1.8E-12	33	NGFRAP1	Immune-NK cells
7.013E-15	-0.2596636	0.053	0.268	1.5E-10	33	CD59	Immune-NK cells

6.946E-23	-0.803003	0.023	0.305	1.5E-18	33	DEFB1	Immune-NK cells
5.442E-19	-0.3272176	0.061	0.322	1.2E-14	33	RHOB	Immune-NK cells
7.159E-09	-0.2640518	0.042	0.177	0.00016	33	IFI27	Immune-NK cells
1.268E-18	-0.3405095	0.057	0.306	2.8E-14	33	CD9	Immune-NK cells
1.251E-07	-0.3268497	0.027	0.139	0.00276	33	CTGF	Immune-NK cells
3.057E-07	-0.2759685	0.034	0.146	0.00675	33	CXCL2	Immune-NK cells
9.972E-14	-0.430791	0.034	0.226	2.2E-09	33	TIMP1	Immune-NK cells
4.155E-14	-0.3743516	0.046	0.246	9.2E-10	33	HES1	Immune-NK cells
6.215E-09	-0.4420995	0.027	0.155	0.00014	33	LYZ	Immune-NK cells
1.571E-18	-0.5621314	0.042	0.292	3.5E-14	33	CLU	Immune-NK cells
2.734E-11	-0.2610758	0.084	0.26	6E-07	33	ATP1A1	Immune-NK cells
4.407E-22	-0.4768123	0.061	0.344	9.7E-18	33	CD24	Immune-NK cells
4.039E-29	-0.9122091	0.038	0.382	8.9E-25	33	ATP1B1	Immune-NK cells
1.42E-05	-0.2710706	0.046	0.137	0.31381	33	SPARCL1	Immune-NK cells
4.286E-10	-0.5239889	0.031	0.176	9.5E-06	33	S100A2	Immune-NK cells
4.756E-11	-0.3974579	0.053	0.216	1.1E-06	33	CRYAB	Immune-NK cells
5.092E-20	-0.7224455	0.042	0.303	1.1E-15	33	ADIRF	Immune-NK cells
0.0001063	-0.2859024	0.042	0.116	1	33	C1QA	Immune-NK cells
3.044E-17	-0.3973449	0.088	0.332	6.7E-13	33	CTSD	Immune-NK cells
4.056E-14	-0.2766323	0.145	0.378	9E-10	33	S100A10	Immune-NK cells
6.053E-23	-0.3754549	0.122	0.425	1.3E-18	33	CD63	Immune-NK cells
8.087E-16	-0.3024761	0.153	0.388	1.8E-11	33	PPDPF	Immune-NK cells
2.997E-05	-0.2741175	0.073	0.164	0.66212	33	CXCL14	Immune-NK cells
2.206E-19	-0.3702767	0.134	0.402	4.9E-15	33	ZFP36L1	Immune-NK cells
1.823E-06	-0.3606624	0.057	0.163	0.04028	33	MGP	Immune-NK cells
1.595E-09	-0.3646963	0.084	0.237	3.5E-05	33	MT1E	Immune-NK cells
6.491E-36	-0.8021768	0.08	0.481	1.4E-31	33	IGFBP7	Immune-NK cells
5.458E-21	-0.4603211	0.115	0.393	1.2E-16	33	IFITM3	Immune-NK cells
1.171E-05	-0.2783174	0.095	0.196	0.25868	33	AIF1	Immune-NK cells
5.203E-18	-0.7768557	0.053	0.294	1.1E-13	33	WFDC2	Immune-NK cells
8.219E-13	-0.2789846	0.248	0.46	1.8E-08	33	GAPDH	Immune-NK cells
1.544E-14	-0.4561601	0.107	0.323	3.4E-10	33	FXYD2	Immune-NK cells
9.613E-18	-0.3577648	0.191	0.452	2.1E-13	33	S100A11	Immune-NK cells
2.145E-15	-0.3829221	0.16	0.399	4.7E-11	33	EGR1	Immune-NK cells
7.656E-09	-0.265974	0.256	0.424	0.00017	33	DSTN	Immune-NK cells
2.07E-11	-0.2553931	0.382	0.567	4.6E-07	33	ATP5I	Immune-NK cells
4.277E-23	-0.5547577	0.141	0.438	9.4E-19	33	HSPB1	Immune-NK cells
8.2E-05	-0.3948643	0.076	0.163	1	33	IGFBP5	Immune-NK cells
1.97E-08	-0.3091293	0.309	0.466	0.00044	33	HSPA1A	Immune-NK cells
2.255E-14	-0.5575867	0.153	0.368	5E-10	33	LGALS1	Immune-NK cells
0.0001679	-0.2591342	0.771	0.832	1	33	ACTB	Immune-NK cells
2.296E-33	-0.5747367	0.336	0.664	5.1E-29	33	ITM2B	Immune-NK cells
4.532E-09	-0.2983438	1	1	0.0001	33	MT-CO1	Immune-NK cells
1.584E-20	-0.5455786	0.317	0.575	3.5E-16	33	SAT1	Immune-NK cells
1.493E-20	-0.7332639	0.225	0.513	3.3E-16	33	MT2A	Immune-NK cells
3.796E-21	-1.2868468	0.107	0.381	8.4E-17	33	SPP1	Immune-NK cells
4.428E-43	-0.6475385	0.523	0.861	9.8E-39	33	NEAT1	Immune-NK cells
7.952E-24	-0.6590023	0.496	0.707	1.8E-19	33	S100A6	Immune-NK cells

0.0048124	-0.4004887	0.324	0.24	1	33	MT1G	Immune-NK cells
3.105E-47	-1.3677809	0.542	0.18	6.9E-43	33	IGKC	Immune-NK cells
0	3.45195188	1	0.011	0	34	IGHG2	Immune-B cells
0	2.10317476	0.987	0.07	0	34	IGHG1	Immune-B cells
0	1.03316716	0.747	0.036	0	34	MZB1	Immune-B cells
0	1.7956474	0.941	0.082	0	34	IGHG3	Immune-B cells
0	1.45464531	0.54	0.039	0	34	JCHAIN	Immune-B cells
1.39E-152	2.85594969	0.527	0.08	3E-148	34	IGLC3	Immune-B cells
1.58E-145	2.80445591	0.549	0.089	4E-141	34	IGLC2	Immune-B cells
1.33E-243	0.61367274	0.19	0.007	3E-239	34	IGLV6-57	Immune-B cells
2.23E-178	3.24862948	0.814	0.179	5E-174	34	IGKC	Immune-B cells
0	0.61569077	0.662	0.03	0	34	IGHG4	Immune-B cells
0	0.33273072	0.354	0.015	0	34	DERL3	Immune-B cells
5.22E-302	0.29346355	0.295	0.013	1E-297	34	TNFRSF17	Immune-B cells
1.44E-184	1.38988027	0.924	0.264	3E-180	34	SSR4	Immune-B cells
1.565E-91	0.66226667	0.312	0.043	3.5E-87	34	IGHA1	Immune-B cells
6.55E-202	0.38890691	0.392	0.034	1E-197	34	PIM2	Immune-B cells
3.73E-155	0.84496436	0.684	0.133	8E-151	34	XBP1	Immune-B cells
3.53E-198	0.44315658	0.464	0.048	8E-194	34	FKBP11	Immune-B cells
6.28E-129	0.46713889	0.439	0.063	1E-124	34	PRDX4	Immune-B cells
8.453E-69	0.33529445	0.342	0.065	1.9E-64	34	ANKRD28	Immune-B cells
2.627E-71	0.25413803	0.308	0.051	5.8E-67	34	ISG20	Immune-B cells
2.216E-57	0.36132191	0.439	0.116	4.9E-53	34	SPCS3	Immune-B cells
1.284E-58	0.57316223	0.827	0.379	2.8E-54	34	CYBA	Immune-B cells
4.141E-48	0.44450074	0.544	0.194	9.1E-44	34	HERPUD1	Immune-B cells
6.068E-55	0.26518275	0.359	0.082	1.3E-50	34	SDF2L1	Immune-B cells
1.842E-38	0.3833581	0.506	0.178	4.1E-34	34	RGS1	Immune-B cells
6.498E-49	0.40816885	0.629	0.247	1.4E-44	34	SPCS2	Immune-B cells
7.578E-41	0.46418779	0.717	0.353	1.7E-36	34	SUB1	Immune-B cells
5.306E-39	0.27883708	0.392	0.121	1.2E-34	34	SSR3	Immune-B cells
4.512E-31	0.37827954	0.523	0.233	1E-26	34	SPCS1	Immune-B cells
8.045E-23	0.30995471	0.464	0.214	1.8E-18	34	BTG2	Immune-B cells
3.956E-24	0.31678519	0.595	0.306	8.7E-20	34	HSP90B1	Immune-B cells
9.179E-24	0.33422465	0.679	0.39	2E-19	34	SEC61G	Immune-B cells
2.019E-24	0.25438047	0.473	0.21	4.5E-20	34	SELK	Immune-B cells
7.711E-22	0.27306259	0.54	0.277	1.7E-17	34	TMEM258	Immune-B cells
3.287E-29	0.38865914	1	0.95	7.3E-25	34	B2M	Immune-B cells
3.714E-31	0.39446784	1	0.999	8.2E-27	34	MALAT1	Immune-B cells
3.948E-11	0.26167195	0.873	0.683	8.7E-07	34	FOS	Immune-B cells
1.581E-21	0.30799059	0.987	0.922	3.5E-17	34	RPLP1	Immune-B cells
7.97E-08	0.29949362	0.772	0.71	0.00176	34	HSP90AA	Immune-B cells
6.974E-14	-0.4000485	0.013	0.216	1.5E-09	34	CRYAB	Immune-B cells
3.458E-10	-0.3339115	0.013	0.164	7.6E-06	34	CXCL14	Immune-B cells
4.209E-10	-0.2719264	0.021	0.174	9.3E-06	34	TIMP3	Immune-B cells
7.015E-23	-0.5906144	0.021	0.323	1.5E-18	34	FXYD2	Immune-B cells
1.111E-17	-0.2991861	0.038	0.291	2.5E-13	34	APP	Immune-B cells
4.81E-11	-0.5363658	0.013	0.176	1.1E-06	34	S100A2	Immune-B cells
3.696E-10	-0.5028124	0.013	0.163	8.2E-06	34	IGFBP5	Immune-B cells

5.868E-15	-0.3074185	0.038	0.26	1.3E-10	34	ATP1A1	Immune-B cells
8.992E-24	-0.5166082	0.03	0.344	2E-19	34	CD24	Immune-B cells
2.188E-09	-0.2610269	0.034	0.182	4.8E-05	34	CALD1	Immune-B cells
7.051E-14	-0.4150764	0.03	0.237	1.6E-09	34	MT1E	Immune-B cells
4.735E-14	-0.256493	0.063	0.286	1E-09	34	NGFRAP1	Immune-B cells
5.483E-08	-0.3070409	0.03	0.159	0.00121	34	MMP7	Immune-B cells
3.172E-10	-0.3120382	0.038	0.2	7E-06	34	GPX3	Immune-B cells
1.176E-13	-0.3913565	0.038	0.246	2.6E-09	34	HES1	Immune-B cells
1.893E-20	-0.7919579	0.025	0.305	4.2E-16	34	DEFB1	Immune-B cells
6.607E-16	-0.3307701	0.068	0.306	1.5E-11	34	CD9	Immune-B cells
2.552E-18	-0.7388106	0.03	0.294	5.6E-14	34	WFDC2	Immune-B cells
3.157E-26	-0.9265253	0.042	0.382	7E-22	34	ATP1B1	Immune-B cells
3.216E-05	-0.2637018	0.063	0.163	0.71057	34	MGP	Immune-B cells
4.671E-11	-0.2626071	0.127	0.322	1E-06	34	RHOB	Immune-B cells
6.687E-13	-0.272658	0.143	0.361	1.5E-08	34	LAPTM4A	Immune-B cells
6.745E-15	-0.3103264	0.135	0.377	1.5E-10	34	S100A10	Immune-B cells
1.178E-08	-0.2563481	0.16	0.332	0.00026	34	CTSD	Immune-B cells
1.58E-15	-0.6112183	0.063	0.303	3.5E-11	34	ADIRF	Immune-B cells
7.09E-11	-0.2590245	0.19	0.387	1.6E-06	34	PPDPF	Immune-B cells
2.507E-19	-0.382813	0.156	0.452	5.5E-15	34	S100A11	Immune-B cells
3.377E-13	-0.5344701	0.08	0.292	7.5E-09	34	CLU	Immune-B cells
2.749E-13	-0.9576889	0.038	0.241	6.1E-09	34	MT1G	Immune-B cells
8.844E-29	-0.7252139	0.101	0.481	2E-24	34	IGFBP7	Immune-B cells
1.047E-16	-0.394602	0.173	0.424	2.3E-12	34	DSTN	Immune-B cells
5.889E-12	-0.2790017	0.304	0.525	1.3E-07	34	ACTG1	Immune-B cells
3.997E-13	-0.3641347	0.19	0.428	8.8E-09	34	CST3	Immune-B cells
5.377E-08	-0.251762	0.295	0.445	0.00119	34	TXNIP	Immune-B cells
5.453E-12	-0.3631239	0.181	0.393	1.2E-07	34	IFITM3	Immune-B cells
3.702E-10	-0.2683094	0.392	0.567	8.2E-06	34	ATP5I	Immune-B cells
1.656E-10	-0.2720425	0.38	0.555	3.7E-06	34	SRP14	Immune-B cells
4.326E-09	-0.4890803	0.11	0.276	9.6E-05	34	MT1X	Immune-B cells
1.004E-22	-0.4367817	0.249	0.545	2.2E-18	34	MYL6	Immune-B cells
9.355E-15	-0.3390169	0.333	0.564	2.1E-10	34	CALM2	Immune-B cells
1.138E-15	-0.3487327	0.308	0.534	2.5E-11	34	NDUFA4	Immune-B cells
3.258E-12	-0.4133578	0.228	0.437	7.2E-08	34	HSPB1	Immune-B cells
1.549E-19	-0.3932336	0.388	0.639	3.4E-15	34	COX7C	Immune-B cells
6.392E-13	-0.2738656	0.869	0.939	1.4E-08	34	PTMA	Immune-B cells
8.338E-20	-1.1094308	0.093	0.381	1.8E-15	34	SPP1	Immune-B cells
3.577E-35	-0.6115963	0.3	0.664	7.9E-31	34	ITM2B	Immune-B cells
0.0006838	-0.3254308	0.392	0.461	1	34	CD74	Immune-B cells
2.468E-25	-0.8237441	0.181	0.513	5.5E-21	34	MT2A	Immune-B cells
2.276E-17	-0.4191491	0.616	0.833	5E-13	34	ACTB	Immune-B cells
1.83E-24	-0.38664	0.802	0.932	4E-20	34	EEF1A1	Immune-B cells
3.429E-22	-0.4948351	0.549	0.802	7.6E-18	34	FTH1	Immune-B cells
1.32E-39	-0.807275	0.321	0.707	2.9E-35	34	S100A6	Immune-B cells
3.805E-16	-0.4453896	0.73	0.859	8.4E-12	34	TMSB10	Immune-B cells
3.923E-51	-0.8893915	0.401	0.806	8.7E-47	34	MT-ND4L	Immune-B cells
8.18E-46	-0.7280083	0.738	0.925	1.8E-41	34	MT-ND5	Immune-B cells

1.929E-55	-0.7608717	0.945	0.992	4.3E-51	34	MT-CYB	Immune-B cells
2.001E-53	-0.7581451	0.975	0.995	4.4E-49	34	MT-ND2	Immune-B cells
3.577E-60	-0.947763	0.776	0.964	7.9E-56	34	MT-ND1	Immune-B cells
1.744E-67	-0.7696702	0.996	1	3.9E-63	34	MT-CO2	Immune-B cells
2.152E-56	-0.8189788	1	0.999	4.8E-52	34	MT-ND3	Immune-B cells
5.763E-66	-0.8257652	0.996	0.999	1.3E-61	34	MT-ND4	Immune-B cells
3.896E-72	-0.9090737	0.996	1	8.6E-68	34	MT-CO1	Immune-B cells
2.292E-78	-0.9808115	0.92	0.994	5.1E-74	34	MT-ATP6	Immune-B cells
1.251E-80	-1.0741215	1	1	2.8E-76	34	MT-CO3	Immune-B cells
0	4.33419407	1	0.029	0	35	IGHG4	Immune-B cells
1.42E-180	2.97895423	0.896	0.18	3E-176	35	IGKC	Immune-B cells
1.184E-45	2.69621173	0.383	0.09	2.6E-41	35	IGLC2	Immune-B cells
7E-227	0.68350542	0.492	0.037	2E-222	35	MZB1	Immune-B cells
3.62E-108	0.85350396	0.361	0.04	8E-104	35	JCHAIN	Immune-B cells
7.574E-90	0.31778417	0.115	0.005	1.7E-85	35	IGKV4-1	Immune-B cells
1.378E-68	1.08588839	0.727	0.265	3E-64	35	SSR4	Immune-B cells
2.499E-68	0.33344679	0.268	0.034	5.5E-64	35	PIM2	Immune-B cells
4.8E-76	0.33344685	0.339	0.048	1.1E-71	35	FKBP11	Immune-B cells
1.187E-43	0.57113408	0.459	0.133	2.6E-39	35	XBP1	Immune-B cells
3.094E-34	0.2817442	0.279	0.063	6.8E-30	35	PRDX4	Immune-B cells
9.338E-32	0.30821253	0.388	0.116	2.1E-27	35	SPCS3	Immune-B cells
9.44E-17	0.3730803	0.372	0.155	2.1E-12	35	CCL5	Immune-B cells
8.508E-25	0.33489853	0.475	0.179	1.9E-20	35	RGS1	Immune-B cells
1.86E-25	0.4454001	0.71	0.38	4.1E-21	35	CYBA	Immune-B cells
6.533E-10	0.32610678	0.284	0.132	1.4E-05	35	CCL4	Immune-B cells
7.226E-19	0.31235087	0.508	0.247	1.6E-14	35	SPCS2	Immune-B cells
9.162E-38	0.57291287	1	0.95	2E-33	35	B2M	Immune-B cells
2.259E-18	0.28809886	0.486	0.233	5E-14	35	SPCS1	Immune-B cells
2.316E-16	0.33668145	0.59	0.354	5.1E-12	35	SUB1	Immune-B cells
1.716E-09	0.34212855	0.792	0.71	3.8E-05	35	HSP90AA	Immune-B cells
1.527E-12	0.28980375	0.847	0.693	3.4E-08	35	RPS26	Immune-B cells
9.237E-16	0.31411106	0.984	0.922	2E-11	35	RPLP1	Immune-B cells
2.429E-10	0.27947227	0.88	0.752	5.4E-06	35	RPL18A	Immune-B cells
1.903E-08	0.2557638	0.831	0.701	0.00042	35	RPS2	Immune-B cells
0.000291	0.25344785	0.798	0.683	1	35	FOS	Immune-B cells
3.817E-19	-0.5896428	0.005	0.323	8.4E-15	35	FXYD2	Immune-B cells
8.516E-09	-0.3437878	0.005	0.164	0.00019	35	CXCL14	Immune-B cells
4.544E-24	-0.988594	0.005	0.382	1E-19	35	ATP1B1	Immune-B cells
1.609E-09	-0.5557265	0.005	0.176	3.6E-05	35	S100A2	Immune-B cells
1.548E-12	-0.4146374	0.011	0.237	3.4E-08	35	MT1E	Immune-B cells
1.672E-17	-0.8181027	0.011	0.304	3.7E-13	35	DEFB1	Immune-B cells
6.134E-11	-0.4276832	0.016	0.216	1.4E-06	35	CRYAB	Immune-B cells
5.463E-08	-0.2657195	0.022	0.174	0.00121	35	TIMP3	Immune-B cells
1.875E-19	-0.5267299	0.022	0.344	4.1E-15	35	CD24	Immune-B cells
2.563E-14	-0.2987882	0.033	0.29	5.7E-10	35	APP	Immune-B cells
2.632E-08	-0.507234	0.011	0.163	0.00058	35	IGFBP5	Immune-B cells
1.971E-09	-0.3222308	0.022	0.2	4.4E-05	35	GPX3	Immune-B cells
2.929E-11	-0.2542618	0.044	0.258	6.5E-07	35	PEBP1	Immune-B cells

8.194E-12	-0.4760428	0.022	0.241	1.8E-07	35	MT1G	Immune-B cells
4.123E-16	-0.8195428	0.016	0.294	9.1E-12	35	WFDC2	Immune-B cells
5.798E-11	-0.267352	0.044	0.253	1.3E-06	35	MT-ATP8	Immune-B cells
3.559E-07	-0.3413628	0.022	0.159	0.00786	35	MMP7	Immune-B cells
2.485E-14	-0.3427676	0.044	0.306	5.5E-10	35	CD9	Immune-B cells
1.665E-11	-0.2648784	0.06	0.286	3.7E-07	35	NGFRAP1	Immune-B cells
7.699E-10	-0.2697835	0.06	0.26	1.7E-05	35	ATP1A1	Immune-B cells
2.062E-10	-0.3822026	0.044	0.246	4.6E-06	35	HES1	Immune-B cells
1.109E-10	-0.2508081	0.126	0.361	2.5E-06	35	LAPTM4A	Immune-B cells
2.021E-11	-0.2770284	0.12	0.355	4.5E-07	35	COX5B	Immune-B cells
5.786E-09	-0.2699464	0.126	0.322	0.00013	35	RHOB	Immune-B cells
3.218E-10	-0.2766114	0.164	0.387	7.1E-06	35	PPDPF	Immune-B cells
7.364E-07	-0.251801	0.158	0.332	0.01627	35	CTSD	Immune-B cells
1.574E-11	-0.5471613	0.066	0.292	3.5E-07	35	CLU	Immune-B cells
3.766E-11	-0.56933	0.077	0.302	8.3E-07	35	ADIRF	Immune-B cells
7.679E-10	-0.299472	0.23	0.452	1.7E-05	35	S100A11	Immune-B cells
9.563E-08	-0.2914186	0.224	0.428	0.00211	35	CST3	Immune-B cells
1.089E-09	-0.3082296	0.224	0.445	2.4E-05	35	TXNIP	Immune-B cells
4.925E-08	-0.3142782	0.202	0.393	0.00109	35	IFITM3	Immune-B cells
1.627E-11	-0.3687065	0.191	0.424	3.6E-07	35	DSTN	Immune-B cells
1.313E-22	-0.7472993	0.109	0.481	2.9E-18	35	IGFBP7	Immune-B cells
1.608E-08	-0.5191699	0.093	0.276	0.00036	35	MT1X	Immune-B cells
2.348E-09	-0.2882365	0.333	0.534	5.2E-05	35	NDUFA4	Immune-B cells
8.344E-19	-1.2664737	0.055	0.381	1.8E-14	35	SPP1	Immune-B cells
2.551E-08	-0.2774047	0.361	0.544	0.00056	35	MYL6	Immune-B cells
3.198E-15	-0.5224545	0.158	0.437	7.1E-11	35	HSPB1	Immune-B cells
0.0003786	-0.2711302	0.322	0.461	1	35	CD74	Immune-B cells
6.294E-08	-0.2531292	0.481	0.638	0.00139	35	COX7C	Immune-B cells
4.714E-10	-0.3018933	0.366	0.567	1E-05	35	ATP5I	Immune-B cells
6.766E-10	-0.2711884	0.607	0.801	1.5E-05	35	FTH1	Immune-B cells
5.344E-07	-0.2510183	0.76	0.859	0.01181	35	TMSB10	Immune-B cells
1.856E-20	-0.5083118	0.339	0.663	4.1E-16	35	ITM2B	Immune-B cells
7.929E-15	-0.7525721	0.235	0.513	1.8E-10	35	MT2A	Immune-B cells
3.438E-23	-0.6686118	0.383	0.707	7.6E-19	35	S100A6	Immune-B cells
9.461E-34	-0.8160406	0.448	0.805	2.1E-29	35	MT-ND4L	Immune-B cells
3.393E-34	-0.7192162	0.71	0.925	7.5E-30	35	MT-ND5	Immune-B cells
3.631E-47	-0.703074	1	1	8E-43	35	MT-CO2	Immune-B cells
6.312E-41	-0.7365733	0.951	0.992	1.4E-36	35	MT-CYB	Immune-B cells
8.308E-37	-0.7248809	0.978	0.995	1.8E-32	35	MT-ND2	Immune-B cells
2.547E-44	-0.9261926	0.787	0.964	5.6E-40	35	MT-ND1	Immune-B cells
1.013E-48	-0.7996187	0.978	0.999	2.2E-44	35	MT-ND4	Immune-B cells
5.639E-40	-0.7967803	0.995	0.999	1.2E-35	35	MT-ND3	Immune-B cells
4.191E-46	-0.8092808	0.989	1	9.3E-42	35	MT-CO1	Immune-B cells
8.147E-51	-0.8727313	0.923	0.994	1.8E-46	35	MT-ATP6	Immune-B cells
9.169E-09	-0.275146	0.131	0.044	0.0002	35	IGHA1	Immune-B cells
1.006E-60	-1.0616175	1	1	2.2E-56	35	MT-CO3	Immune-B cells
0	4.43684317	1	0.082	0	36	IGHG3	Immune-B cells
4.07E-227	3.53874526	1	0.18	9E-223	36	IGKC	Immune-B cells

0	0.93026453	0.755	0.037	0	36	MZB1	Immune-B cells
6.54E-223	1.04966655	0.528	0.039	1E-218	36	JCHAIN	Immune-B cells
9.24E-134	0.41377995	0.147	0.005	2E-129	36	IGKV4-1	Immune-B cells
1.57E-172	0.27892711	0.27	0.013	3E-168	36	TNFRSF17	Immune-B cells
5.33E-114	1.33622935	0.89	0.264	1E-109	36	SSR4	Immune-B cells
9.19E-126	0.38317381	0.374	0.034	2E-121	36	PIM2	Immune-B cells
1.31E-107	0.8043561	0.681	0.133	3E-103	36	XBP1	Immune-B cells
1.18E-110	0.35606701	0.423	0.048	3E-106	36	FKBP11	Immune-B cells
5.048E-95	0.40534817	0.454	0.063	1.1E-90	36	PRDX4	Immune-B cells
3.624E-66	0.40620512	0.54	0.116	8E-62	36	SPCS3	Immune-B cells
1.251E-34	0.46716629	0.546	0.178	2.8E-30	36	RGS1	Immune-B cells
8.458E-48	0.6126939	0.816	0.353	1.9E-43	36	SUB1	Immune-B cells
3.527E-45	0.61500222	0.859	0.38	7.8E-41	36	CYBA	Immune-B cells
2.419E-41	0.45264954	0.663	0.247	5.3E-37	36	SPCS2	Immune-B cells
5.609E-34	0.41505582	0.546	0.195	1.2E-29	36	HERPUD1	Immune-B cells
3.623E-29	0.26546105	0.331	0.086	8E-25	36	PRDM1	Immune-B cells
3.739E-32	0.39433851	0.595	0.233	8.3E-28	36	SPCS1	Immune-B cells
4.582E-23	0.26557682	0.368	0.122	1E-18	36	SSR3	Immune-B cells
1.105E-14	0.26567916	0.264	0.09	2.4E-10	36	IGLC2	Immune-B cells
4.811E-18	0.33789449	0.607	0.307	1.1E-13	36	HSP90B1	Immune-B cells
1.291E-19	0.27264495	0.515	0.227	2.9E-15	36	SEC61B	Immune-B cells
4.428E-16	0.27368906	0.466	0.214	9.8E-12	36	BTG2	Immune-B cells
8.526E-15	0.27991108	0.528	0.27	1.9E-10	36	TSC22D3	Immune-B cells
5.925E-13	0.27054355	0.65	0.391	1.3E-08	36	SEC61G	Immune-B cells
3.524E-11	0.27518153	0.761	0.518	7.8E-07	36	DUSP1	Immune-B cells
6.041E-21	0.37684174	1	0.95	1.3E-16	36	B2M	Immune-B cells
7.318E-08	0.3055013	0.822	0.71	0.00162	36	HSP90AA	Immune-B cells
9.521E-08	0.25134261	0.847	0.683	0.0021	36	FOS	Immune-B cells
7.25E-16	0.29004579	0.988	0.922	1.6E-11	36	RPLP1	Immune-B cells
1.805E-14	0.29918649	1	0.999	4E-10	36	MALAT1	Immune-B cells
5.496E-08	-0.3484918	0.006	0.164	0.00121	36	CXCL14	Immune-B cells
1.164E-21	-0.9932324	0.006	0.382	2.6E-17	36	ATP1B1	Immune-B cells
4.038E-16	-0.8227545	0.006	0.304	8.9E-12	36	DEFB1	Immune-B cells
1.673E-08	-0.5428473	0.006	0.176	0.00037	36	S100A2	Immune-B cells
2.882E-07	-0.356085	0.012	0.159	0.00637	36	MMP7	Immune-B cells
6.788E-18	-0.5353791	0.018	0.344	1.5E-13	36	CD24	Immune-B cells
1.423E-07	-0.2744042	0.018	0.174	0.00314	36	TIMP3	Immune-B cells
6.952E-09	-0.330907	0.018	0.2	0.00015	36	GPX3	Immune-B cells
2.621E-16	-0.5869359	0.018	0.323	5.8E-12	36	FXYD2	Immune-B cells
2.813E-12	-0.2914458	0.037	0.286	6.2E-08	36	NGFRAP1	Immune-B cells
3.045E-10	-0.2549596	0.043	0.258	6.7E-06	36	PEBP1	Immune-B cells
7.801E-10	-0.2563381	0.043	0.253	1.7E-05	36	MT-ATP8	Immune-B cells
3.146E-12	-0.2942243	0.043	0.29	7E-08	36	APP	Immune-B cells
2.99E-14	-0.78683	0.018	0.294	6.6E-10	36	WFDC2	Immune-B cells
2.315E-09	-0.4249942	0.025	0.216	5.1E-05	36	CRYAB	Immune-B cells
1.265E-12	-0.3421723	0.049	0.305	2.8E-08	36	CD9	Immune-B cells
4.052E-11	-0.9864588	0.018	0.241	9E-07	36	MT1G	Immune-B cells
1.702E-06	-0.4813476	0.025	0.163	0.03761	36	IGFBP5	Immune-B cells

1.983E-13	-0.32763	0.086	0.361	4.4E-09	36	LAPTM4A	Immune-B cells
6.606E-08	-0.3925478	0.061	0.237	0.00146	36	MT1E	Immune-B cells
3.721E-06	-0.2818819	0.092	0.246	0.0822	36	HES1	Immune-B cells
4.477E-11	-0.309547	0.129	0.377	9.9E-07	36	S100A10	Immune-B cells
1.185E-12	-0.3103313	0.16	0.436	2.6E-08	36	SKP1	Immune-B cells
1.863E-15	-0.4487386	0.123	0.424	4.1E-11	36	DSTN	Immune-B cells
8.438E-10	-0.5355971	0.074	0.292	1.9E-05	36	CLU	Immune-B cells
9.966E-12	-0.3474607	0.184	0.452	2.2E-07	36	S100A11	Immune-B cells
1.245E-06	-0.2973443	0.16	0.332	0.02751	36	CTSD	Immune-B cells
2.492E-09	-0.5408997	0.086	0.302	5.5E-05	36	ADIRF	Immune-B cells
1.17E-06	-0.2587856	0.239	0.399	0.02584	36	COX7B	Immune-B cells
5.527E-07	-0.3048623	0.233	0.428	0.01221	36	CST3	Immune-B cells
7.302E-06	-0.2929585	0.227	0.393	0.16131	36	IFITM3	Immune-B cells
7.182E-06	-0.2531119	0.313	0.457	0.15868	36	HLA-A	Immune-B cells
6.534E-10	-0.3172205	0.288	0.525	1.4E-05	36	ACTG1	Immune-B cells
3.475E-07	-0.2964203	0.27	0.445	0.00768	36	TXNIP	Immune-B cells
3.463E-10	-0.3176263	0.319	0.544	7.7E-06	36	MYL6	Immune-B cells
2.069E-07	-0.2579223	0.411	0.567	0.00457	36	ATP5I	Immune-B cells
2.527E-19	-0.7408325	0.123	0.481	5.6E-15	36	IGFBP7	Immune-B cells
2.399E-11	-0.3457795	0.319	0.564	5.3E-07	36	CALM2	Immune-B cells
1.969E-07	-0.2865241	0.374	0.534	0.00435	36	NDUFA4	Immune-B cells
2.122E-20	-0.8500329	0.135	0.513	4.7E-16	36	MT2A	Immune-B cells
1.396E-08	-0.2972101	0.491	0.638	0.00031	36	COX7C	Immune-B cells
7.166E-08	-0.2522669	0.865	0.939	0.00158	36	PTMA	Immune-B cells
2.559E-09	-0.3167029	0.503	0.673	5.7E-05	36	RPL31	Immune-B cells
3.403E-08	-0.2618642	0.755	0.804	0.00075	36	RPL37A	Immune-B cells
3.264E-08	-0.4381679	0.258	0.437	0.00072	36	HSPB1	Immune-B cells
1.075E-05	-0.5461302	0.135	0.276	0.2375	36	MT1X	Immune-B cells
1.325E-10	-0.3500165	0.65	0.832	2.9E-06	36	ACTB	Immune-B cells
9.651E-14	-0.3257	0.798	0.932	2.1E-09	36	EEF1A1	Immune-B cells
0.0095655	-0.3394303	0.405	0.461	1	36	CD74	Immune-B cells
4.952E-13	-1.0728859	0.11	0.381	1.1E-08	36	SPP1	Immune-B cells
6.093E-24	-0.6191834	0.344	0.663	1.3E-19	36	ITM2B	Immune-B cells
1.753E-26	-0.7260999	0.313	0.707	3.9E-22	36	S100A6	Immune-B cells
1.772E-09	-0.3955422	0.742	0.859	3.9E-05	36	TMSB10	Immune-B cells
1.115E-13	-0.4811829	0.577	0.801	2.5E-09	36	FTH1	Immune-B cells
1.298E-32	-0.8604506	0.429	0.805	2.9E-28	36	MT-ND4L	Immune-B cells
1.492E-36	-0.7948924	0.687	0.925	3.3E-32	36	MT-ND5	Immune-B cells
1.654E-35	-0.7590026	0.975	0.995	3.7E-31	36	MT-ND2	Immune-B cells
1.439E-43	-0.749976	1	1	3.2E-39	36	MT-CO2	Immune-B cells
1.061E-44	-0.9998764	0.755	0.964	2.3E-40	36	MT-ND1	Immune-B cells
3.847E-45	-0.8596289	0.933	0.992	8.5E-41	36	MT-CYB	Immune-B cells
3.509E-50	-0.8922466	0.988	0.999	7.8E-46	36	MT-ND4	Immune-B cells
9.225E-52	-0.9586247	0.945	0.994	2E-47	36	MT-ATP6	Immune-B cells
1.346E-47	-0.9726781	1	0.999	3E-43	36	MT-ND3	Immune-B cells
1.817E-52	-0.9786039	1	1	4E-48	36	MT-CO1	Immune-B cells
3.183E-52	-1.0425274	1	1	7E-48	36	MT-CO3	Immune-B cells
2.313E-26	-0.2672982	0.294	0.071	5.1E-22	36	IGHG1	Immune-B cells

6.094E-10	-1.0036819	0.215	0.08	1.3E-05	36	IGLC3	Immune-B cells
0	1.18902424	0.488	0	0	37	CPA3	Immune-mast cells
0	0.59481863	0.39	0	0	37	MS4A2	Immune-mast cells
0	0.35233908	0.26	0	0	37	SLC18A2	Immune-mast cells
0	1.83221291	0.87	0.001	0	37	TPSB2	Immune-mast cells
0	1.63603008	0.862	0.001	0	37	TPSAB1	Immune-mast cells
0	0.53357371	0.325	0.001	0	37	HPGDS	Immune-mast cells
1.91E-154	0.39855858	0.341	0.018	4E-150	37	KIT	Immune-mast cells
8.97E-50	0.37219201	0.187	0.017	2E-45	37	HPGD	Immune-mast cells
1.502E-45	0.63745549	0.415	0.08	3.3E-41	37	ALOX5AP	Immune-mast cells
1.586E-26	0.82153328	0.472	0.15	3.5E-22	37	CD69	Immune-mast cells
3.426E-24	0.63655404	0.358	0.095	7.6E-20	37	AREG	Immune-mast cells
1.704E-34	0.70773734	0.585	0.179	3.8E-30	37	RGS1	Immune-mast cells
5.581E-28	0.40202561	0.301	0.065	1.2E-23	37	SAMSN1	Immune-mast cells
1.253E-25	0.27757116	0.179	0.027	2.8E-21	37	PTGS2	Immune-mast cells
2.565E-15	0.33043944	0.374	0.133	5.7E-11	37	RGS2	Immune-mast cells
5.563E-10	0.5161977	0.561	0.329	1.2E-05	37	SRGN	Immune-mast cells
2.578E-15	0.32033814	0.423	0.159	5.7E-11	37	FCER1G	Immune-mast cells
1.425E-08	0.30476224	0.39	0.199	0.00031	37	ANXA1	Immune-mast cells
5.796E-07	0.25685773	0.333	0.172	0.0128	37	TNFAIP3	Immune-mast cells
4.742E-05	0.27012067	0.813	0.71	1	37	HSP90AA	Immune-mast cells
0.0001227	0.2731655	0.715	0.637	1	37	H3F3B	Immune-mast cells
5.363E-08	0.25298718	0.992	0.979	0.00118	37	RPL34	Immune-mast cells
0.0005287	-0.3260056	0.049	0.163	1	37	MGP	Immune-mast cells
0.0033613	-0.2505134	0.106	0.216	1	37	CRYAB	Immune-mast cells
2.765E-05	-0.5282979	0.13	0.293	0.61079	37	WFDC2	Immune-mast cells
1.825E-07	-0.4895281	0.26	0.481	0.00403	37	IGFBP7	Immune-mast cells
1.87E-83	0.2890638	0.684	0.248	6.30E-79	24	NARS	Endothelial cells
1.01E-217	0.28535932	0.284	0.03	##########	24	SLITRK4	Endothelial cells
4.77E-89	0.28450749	0.716	0.255	1.61E-84	24	CD46	Endothelial cells
6.93E-220	0.2838974	0.31	0.035	##########	24	ST3GAL4	Endothelial cells
3.34E-181	0.28389301	0.322	0.044	##########	24	STXBP4	Endothelial cells
5.49E-129	0.28342573	0.396	0.081	##########	24	FABP3	Endothelial cells
1.97E-98	0.28167848	0.543	0.159	6.63E-94	24	RAB3IP	Endothelial cells
2.08E-141	0.28024366	0.324	0.054	##########	24	SHISA3	Endothelial cells
7.93E-67	0.27967184	0.73	0.295	2.67E-62	24	NDUFB3	Endothelial cells
2.78E-116	0.27815896	0.394	0.085	##########	24	PCP4	Endothelial cells
3.30E-133	0.27790775	0.513	0.123	##########	24	GOT1	Endothelial cells
7.71E-108	0.27740058	0.463	0.119	##########	24	PLA2G12A	Endothelial cells
5.15E-78	0.27697292	0.716	0.262	1.73E-73	24	TFCP2L1	Endothelial cells
1.63E-196	0.27510108	0.308	0.038	##########	24	CCSER1	Endothelial cells
6.16E-121	0.27497869	0.507	0.127	##########	24	SERINC2	Endothelial cells
1.72E-133	0.27480483	0.368	0.07	##########	24	ITGB5	Endothelial cells
9.01E-111	0.27430683	0.509	0.134	##########	24	TBC1D4	Endothelial cells
3.47E-130	0.27358752	0.34	0.063	##########	24	PRR15L	Endothelial cells
8.52E-83	0.27352864	0.445	0.13	2.87E-78	24	RDH11	Endothelial cells
1.92E-103	0.27319478	0.453	0.118	6.46E-99	24	AGPAT2	Endothelial cells
1.64E-139	0.27204874	0.59	0.146	##########	24	TACC1	Endothelial cells

1.39E-26	0.27193851	0.938	0.617	4.68E-22	24	ATP5L	Endothelial cells
2.06E-75	0.27177325	0.738	0.278	6.94E-71	24	IVNS1ABP	Endothelial cells
3.49E-45	0.27171205	1	1	1.18E-40	24	MT-CO1	Endothelial cells
1.48E-153	0.27164518	0.322	0.05	#########	24	SELENBP1	Endothelial cells
2.95E-156	0.27068148	0.322	0.05	#########	24	CCDC71L	Endothelial cells
3.08E-140	0.27031461	0.372	0.067	#########	24	PVALB	Endothelial cells
7.22E-101	0.27023743	0.539	0.156	2.43E-96	24	CRYL1	Endothelial cells
1.29E-49	0.27004305	0.809	0.389	4.35E-45	24	ATP6V0B	Endothelial cells
2.12E-305	0.26853106	0.268	0.019	#########	24	LPL	Endothelial cells
2.29E-125	0.26850936	0.431	0.096	#########	24	MTR	Endothelial cells
1.89E-77	0.26779101	0.537	0.175	6.36E-73	24	FKBP5	Endothelial cells
5.74E-93	0.26752471	0.376	0.094	1.93E-88	24	NME4	Endothelial cells
4.20E-80	0.26750782	0.62	0.215	1.42E-75	24	ECH1	Endothelial cells
1.57E-218	0.2673989	0.344	0.043	#########	24	DNAJC11	Endothelial cells
3.48E-73	0.26739505	0.634	0.235	1.17E-68	24	TUFM	Endothelial cells
1.15E-80	0.26666665	0.748	0.283	3.89E-76	24	ACADVL	Endothelial cells
3.72E-70	0.26523462	0.636	0.24	1.25E-65	24	REEP5	Endothelial cells
1.62E-115	0.26516236	0.503	0.129	#########	24	SORL1	Endothelial cells
8.89E-109	0.26512795	0.417	0.1	#########	24	C1orf132	Endothelial cells
2.19E-181	0.26479441	0.324	0.044	#########	24	SYTL4	Endothelial cells
6.66E-164	0.26453385	0.366	0.06	#########	24	OSBPL3	Endothelial cells
1.04E-84	0.26329626	0.559	0.182	3.51E-80	24	SDHD	Endothelial cells
4.52E-114	0.26264027	0.559	0.153	#########	24	SPPL2A	Endothelial cells
5.75E-118	0.26222241	0.453	0.106	#########	24	COL4A3	Endothelial cells
3.83E-44	0.26200572	0.805	0.386	1.29E-39	24	MGST3	Endothelial cells
5.61E-181	0.26106627	0.318	0.043	#########	24	SLCO4C1	Endothelial cells
4.15E-111	0.26101156	0.433	0.105	#########	24	PDE4DIP	Endothelial cells
6.23E-96	0.26088203	0.602	0.191	2.10E-91	24	HSPA9	Endothelial cells
9.98E-94	0.2604051	0.549	0.167	3.36E-89	24	MDH2	Endothelial cells
2.34E-190	0.25957276	0.282	0.033	#########	24	GALNT18	Endothelial cells
1.41E-73	0.25897983	0.344	0.093	4.76E-69	24	GPNMB	Endothelial cells
6.17E-178	0.25872532	0.316	0.043	#########	24	TMEM61	Endothelial cells
1.44E-65	0.25804862	0.706	0.287	4.84E-61	24	GHITM	Endothelial cells
2.05E-100	0.25709002	0.394	0.096	6.91E-96	24	ARHGEF28	Endothelial cells
9.54E-117	0.25690753	0.517	0.135	#########	24	CCDC47	Endothelial cells
4.28E-80	0.25647617	0.497	0.155	1.44E-75	24	MGLL	Endothelial cells
4.08E-80	0.25580364	0.555	0.185	1.38E-75	24	LRPAP1	Endothelial cells
7.52E-86	0.2555775	0.414	0.113	2.54E-81	24	HOTAIRM1	Endothelial cells
2.46E-108	0.25518993	0.388	0.09	#########	24	NINJ1	Endothelial cells
2.66E-94	0.25494267	0.501	0.144	8.95E-90	24	C7orf55	Endothelial cells
2.17E-105	0.25489945	0.451	0.115	#########	24	MICU2	Endothelial cells
2.74E-33	0.25473043	0.907	0.524	9.24E-29	24	ATP5J	Endothelial cells
1.63E-93	0.25443972	0.372	0.092	5.50E-89	24	MRPL36	Endothelial cells
2.28E-136	0.25441781	0.398	0.079	#########	24	CMBL	Endothelial cells
2.52E-107	0.25364191	0.499	0.133	#########	24	KIAA1109	Endothelial cells
1.15E-198	0.25320846	0.258	0.027	#########	24	TMEM171	Endothelial cells
3.17E-96	0.25310878	0.318	0.069	1.07E-91	24	ALDH1L1	Endothelial cells
4.21E-186	0.25276583	0.298	0.038	#########	24	TMEM45B	Endothelial cells

2.45E-70	0.25151702	0.688	0.265	8.24E-66	24	PTTG1IP	Endothelial cells
7.54E-36	0.25102845	0.839	0.436	2.54E-31	24	NPM1	Endothelial cells
0	2.41187551	0.809	0.138	0	25	CTGF	Immune-NK cells
0	1.53835099	0.686	0.082	0	25	BGN	Immune-NK cells
0	1.40640531	0.503	0.019	0	25	CFH	Immune-NK cells
0	1.39494331	0.696	0.123	0	25	VCAM1	Immune-NK cells
2.85E-162	1.36708505	0.803	0.367	#########	25	TPM1	Immune-NK cells
0	1.3370031	0.444	0.029	0	25	TNNT2	Immune-NK cells
4.85E-178	1.32141044	0.97	0.704	#########	25	IGFBP7	Immune-NK cells
0	1.29108836	0.56	0.084	0	25	CYP1B1	Immune-NK cells
1.78E-227	1.28161582	0.665	0.158	#########	25	NUPR1	Immune-NK cells
3.21E-96	1.27917326	0.665	0.289	1.08E-91	25	MMP7	Immune-NK cells
1.53E-163	1.24571179	0.791	0.301	#########	25	VIM	Immune-NK cells
3.48E-162	1.21429409	0.615	0.181	#########	25	CTSC	Immune-NK cells
8.81E-201	1.20088692	0.738	0.211	#########	25	PDZK1IP1	Immune-NK cells
0	1.17024717	0.394	0.016	0	25	DAPL1	Immune-NK cells
0	1.15247701	0.288	0.009	0	25	KRT17	Immune-NK cells
0	1.11600526	0.306	0.009	0	25	SFRP2	Immune-NK cells
4.97E-297	1.06565709	0.485	0.065	#########	25	THY1	Immune-NK cells
8.82E-134	1.05185987	0.698	0.242	#########	25	TIMP1	Immune-NK cells
4.68E-137	1.03045577	0.897	0.456	#########	25	IFITM3	Immune-NK cells
2.44E-264	1.02205648	0.489	0.072	#########	25	CDH6	Immune-NK cells
1.89E-99	1.01602535	0.718	0.308	6.35E-95	25	LGALS1	Immune-NK cells
1.73E-194	1.01507352	0.702	0.183	#########	25	SPARC	Immune-NK cells
0	1.00336249	0.454	0.043	0	25	CLDN1	Immune-NK cells
2.09E-170	0.98256058	0.663	0.181	#########	25	MGP	Immune-NK cells
0	0.97160114	0.318	0.022	0	25	COL1A1	Immune-NK cells
0	0.96107	0.377	0.026	0	25	COL3A1	Immune-NK cells
4.62E-278	0.95514389	0.442	0.058	#########	25	SPON2	Immune-NK cells
1.76E-115	0.91924505	0.594	0.193	#########	25	THBS1	Immune-NK cells
3.05E-181	0.91615277	0.659	0.171	#########	25	MYL9	Immune-NK cells
8.07E-76	0.88450133	0.641	0.303	2.72E-71	25	BCAM	Immune-NK cells
1.60E-120	0.87226204	0.588	0.176	#########	25	UGT2B7	Immune-NK cells
0	0.87079529	0.4	0.037	0	25	AEBP1	Immune-NK cells
9.68E-84	0.86917081	0.4	0.116	3.26E-79	25	CCL2	Immune-NK cells
2.51E-108	0.86875421	0.667	0.241	#########	25	IL32	Immune-NK cells
3.81E-126	0.85104254	0.497	0.133	#########	25	IGFBP2	Immune-NK cells
1.45E-145	0.809881	0.548	0.139	#########	25	AKAP12	Immune-NK cells
0	0.80747418	0.337	0.014	0	25	KLK6	Immune-NK cells
7.48E-152	0.78801932	0.365	0.066	#########	25	NPR3	Immune-NK cells
1.94E-127	0.78800466	0.493	0.133	#########	25	PLA2G16	Immune-NK cells
5.18E-109	0.78422687	0.963	0.798	#########	25	TMSB10	Immune-NK cells
7.55E-68	0.78292877	0.653	0.328	2.55E-63	25	ANXA2	Immune-NK cells
1.26E-276	0.78242212	0.363	0.038	#########	25	SPOCK2	Immune-NK cells
8.85E-128	0.77661067	0.507	0.135	#########	25	MYLK	Immune-NK cells
1.14E-91	0.75904534	0.604	0.234	3.85E-87	25	CRIM1	Immune-NK cells
1.07E-82	0.73706164	0.765	0.393	3.61E-78	25	S100A13	Immune-NK cells
5.63E-169	0.72069728	0.513	0.108	#########	25	TAGLN	Immune-NK cells

2.25E-121	0.71628666	0.434	0.107	#########	25	PRKCDBP	Immune-NK cells
1.71E-82	0.71309807	0.556	0.214	5.76E-78	25	HCFC1R1	Immune-NK cells
1.71E-193	0.71187562	0.389	0.06	#########	25	VCAN	Immune-NK cells
2.52E-88	0.70678748	0.886	0.634	8.48E-84	25	RPL10A	Immune-NK cells
5.41E-84	0.70377065	0.736	0.346	1.82E-79	25	GPX3	Immune-NK cells
1.69E-74	0.69488218	0.586	0.25	5.71E-70	25	CD151	Immune-NK cells
8.80E-76	0.69336177	0.371	0.112	2.96E-71	25	PRSS23	Immune-NK cells
5.96E-89	0.6916608	0.485	0.16	2.01E-84	25	SYNE1	Immune-NK cells
5.13E-104	0.68483413	0.493	0.146	1.73E-99	25	LY6E	Immune-NK cells
6.89E-186	0.67725683	0.331	0.047	#########	25	FHL2	Immune-NK cells
1.25E-80	0.67606145	0.503	0.183	4.22E-76	25	S100A16	Immune-NK cells
1.20E-123	0.67541167	0.406	0.091	#########	25	C1orf186	Immune-NK cells
5.41E-93	0.6737584	0.501	0.166	1.82E-88	25	PAWR	Immune-NK cells
1.16E-90	0.66537858	0.481	0.154	3.93E-86	25	SDC2	Immune-NK cells
4.86E-65	0.66093882	0.613	0.272	1.64E-60	25	KRT19	Immune-NK cells
4.83E-125	0.65366058	0.361	0.076	#########	25	GPC4	Immune-NK cells
9.54E-82	0.65183567	0.903	0.731	3.21E-77	25	RPS4X	Immune-NK cells
4.20E-58	0.6461355	0.292	0.087	1.41E-53	25	PCP4	Immune-NK cells
1.55E-85	0.64586704	0.921	0.756	5.21E-81	25	RPL3	Immune-NK cells
7.92E-83	0.64038803	0.469	0.156	2.67E-78	25	NEDD9	Immune-NK cells
4.76E-121	0.63498689	0.365	0.078	#########	25	FSTL1	Immune-NK cells
4.49E-126	0.63271018	0.337	0.065	#########	25	CCND2	Immune-NK cells
2.29E-93	0.62967471	0.485	0.148	7.71E-89	25	EMP3	Immune-NK cells
2.64E-87	0.62725002	0.495	0.163	8.89E-83	25	NFIA	Immune-NK cells
4.64E-76	0.62576844	0.511	0.183	1.56E-71	25	TNFSF10	Immune-NK cells
5.57E-103	0.62295064	0.343	0.078	1.88E-98	25	GMDS	Immune-NK cells
3.14E-42	0.62271697	0.708	0.449	1.06E-37	25	HIST1H4C	Immune-NK cells
4.59E-32	0.62098032	0.6	0.356	1.55E-27	25	CEBPD	Immune-NK cells
9.98E-122	0.61529706	0.456	0.113	#########	25	PALLD	Immune-NK cells
1.84E-95	0.61481227	0.32	0.074	6.20E-91	25	DCBLD2	Immune-NK cells
4.29E-77	0.6132355	0.801	0.41	1.44E-72	25	CRYAB	Immune-NK cells
2.19E-67	0.61148388	0.513	0.198	7.39E-63	25	BICC1	Immune-NK cells
8.83E-95	0.61039828	0.97	0.861	2.98E-90	25	RPL10	Immune-NK cells
4.59E-95	0.60902378	0.438	0.125	1.55E-90	25	COL4A1	Immune-NK cells
4.90E-89	0.60027957	0.957	0.833	1.65E-84	25	RPS8	Immune-NK cells
1.32E-49	0.59821739	0.746	0.489	4.46E-45	25	RPLP0	Immune-NK cells
2.09E-90	0.59733003	0.418	0.12	7.04E-86	25	COL4A2	Immune-NK cells
5.95E-69	0.5968096	0.874	0.625	2.00E-64	25	RPL29	Immune-NK cells
1.16E-91	0.5889249	0.957	0.809	3.92E-87	25	RPL12	Immune-NK cells
1.32E-62	0.58871441	0.872	0.631	4.44E-58	25	MYL6	Immune-NK cells
4.33E-241	0.58678236	0.306	0.032	#########	25	BHLHE41	Immune-NK cells
3.12E-65	0.58544559	0.87	0.66	1.05E-60	25	RPS3	Immune-NK cells
3.78E-95	0.58207774	0.961	0.863	1.27E-90	25	RPL13A	Immune-NK cells
2.70E-68	0.58032941	0.895	0.644	9.11E-64	25	RPS16	Immune-NK cells
7.17E-109	0.58026635	0.436	0.112	#########	25	ASS1	Immune-NK cells
4.94E-228	0.57891297	0.375	0.047	#########	25	PTGDS	Immune-NK cells
3.34E-114	0.57664169	0.712	0.245	#########	25	CALD1	Immune-NK cells
9.49E-67	0.57622855	0.452	0.164	3.20E-62	25	DCDC2	Immune-NK cells

8.25E-245	0.5733384	0.31	0.032	#########	25	TSPAN5	Immune-NK cells
1.04E-59	0.57190593	0.86	0.614	3.50E-55	25	RPL5	Immune-NK cells
3.32E-159	0.56895881	0.335	0.053	#########	25	CDH2	Immune-NK cells
2.38E-51	0.56371513	0.793	0.555	8.02E-47	25	GNB2L1	Immune-NK cells
5.61E-62	0.55875532	0.872	0.619	1.89E-57	25	RPL14	Immune-NK cells
5.07E-54	0.55874607	0.862	0.669	1.71E-49	25	RPS2	Immune-NK cells
1.23E-47	0.55335108	0.714	0.419	4.14E-43	25	MT1E	Immune-NK cells
2.21E-136	0.55324753	0.296	0.048	#########	25	COL6A2	Immune-NK cells
7.68E-64	0.55094055	0.436	0.158	2.59E-59	25	FLNA	Immune-NK cells
2.88E-54	0.55089283	0.556	0.258	9.70E-50	25	ANXA5	Immune-NK cells
5.03E-68	0.54946264	0.917	0.725	1.70E-63	25	RPL18A	Immune-NK cells
9.92E-157	0.54847333	0.288	0.041	#########	25	NPR1	Immune-NK cells
5.97E-72	0.54794012	0.359	0.107	2.01E-67	25	TNFRSF11E	Immune-NK cells
9.08E-128	0.54759454	0.375	0.076	#########	25	CAV1	Immune-NK cells
3.58E-58	0.54640629	0.864	0.625	1.21E-53	25	RPS5	Immune-NK cells
9.65E-72	0.54407756	0.422	0.137	3.25E-67	25	PDE1A	Immune-NK cells
1.67E-48	0.54322884	0.748	0.482	5.64E-44	25	RPSA	Immune-NK cells
2.89E-118	0.5408463	0.3	0.056	#########	25	C21orf62	Immune-NK cells
2.61E-87	0.54052114	0.402	0.113	8.79E-83	25	SYCE1L	Immune-NK cells
1.23E-75	0.53866903	0.933	0.764	4.16E-71	25	RPL35A	Immune-NK cells
1.00E-59	0.5339879	0.87	0.712	3.37E-55	25	RPL15	Immune-NK cells
1.59E-55	0.53350331	0.844	0.598	5.37E-51	25	RPL7A	Immune-NK cells
1.05E-51	0.53278642	0.629	0.308	3.52E-47	25	IFITM2	Immune-NK cells
9.69E-69	0.52524682	0.941	0.83	3.27E-64	25	RPS12	Immune-NK cells
7.45E-144	0.52349767	0.258	0.036	#########	25	TNC	Immune-NK cells
8.86E-83	0.52206953	0.966	0.88	2.98E-78	25	RPS18	Immune-NK cells
1.12E-46	0.52154005	0.538	0.26	3.76E-42	25	ARHGAP29	Immune-NK cells
4.51E-28	0.52021186	0.639	0.403	1.52E-23	25	TSC22D1	Immune-NK cells
1.12E-165	0.51853768	0.29	0.039	#########	25	PAG1	Immune-NK cells
8.42E-56	0.51815856	0.854	0.614	2.84E-51	25	RPL24	Immune-NK cells
4.97E-39	0.51795293	0.694	0.439	1.68E-34	25	MYL12A	Immune-NK cells
3.13E-57	0.51780721	0.935	0.805	1.05E-52	25	ITM2B	Immune-NK cells
6.10E-69	0.51680291	0.941	0.82	2.05E-64	25	RPL26	Immune-NK cells
2.13E-54	0.51552118	0.864	0.669	7.17E-50	25	RPS9	Immune-NK cells
9.19E-83	0.51542098	0.375	0.105	3.10E-78	25	ACTN1	Immune-NK cells
3.30E-71	0.51276241	0.957	0.843	1.11E-66	25	RPS19	Immune-NK cells
3.40E-76	0.51205871	0.292	0.073	1.15E-71	25	PDLIM7	Immune-NK cells
8.96E-47	0.51013474	0.748	0.471	3.02E-42	25	RPL4	Immune-NK cells
3.15E-44	0.5098281	0.659	0.362	1.06E-39	25	PHPT1	Immune-NK cells
6.64E-47	0.50889901	0.525	0.245	2.24E-42	25	ARID5B	Immune-NK cells
7.99E-62	0.5080749	0.917	0.732	2.69E-57	25	RPL19	Immune-NK cells
2.56E-92	0.50552132	0.312	0.073	8.61E-88	25	SLC48A1	Immune-NK cells
1.05E-69	0.50048914	0.949	0.801	3.53E-65	25	RPL11	Immune-NK cells
1.37E-105	0.49962791	0.292	0.058	#########	25	RERG	Immune-NK cells
1.98E-42	0.49815171	0.815	0.558	6.67E-38	25	LAPTM4A	Immune-NK cells
1.29E-77	0.49140519	0.976	0.871	4.36E-73	25	RPL13	Immune-NK cells
2.77E-39	0.48932733	0.363	0.152	9.34E-35	25	C14orf105	Immune-NK cells
4.47E-69	0.488451	0.558	0.211	1.51E-64	25	ANXA1	Immune-NK cells

4.91E-53	0.48605647	0.355	0.124	1.66E-48	25	PLEKHH2	Immune-NK cells
1.54E-64	0.48569578	0.929	0.787	5.18E-60	25	RPS15A	Immune-NK cells
8.06E-41	0.4850647	0.564	0.3	2.71E-36	25	CLTA	Immune-NK cells
4.69E-68	0.48494166	0.927	0.641	1.58E-63	25	MT2A	Immune-NK cells
1.61E-78	0.48485674	0.357	0.099	5.41E-74	25	NREP	Immune-NK cells
8.32E-80	0.48442887	0.974	0.868	2.80E-75	25	RPL32	Immune-NK cells
1.04E-79	0.47951113	0.448	0.139	3.50E-75	25	PTRF	Immune-NK cells
2.18E-51	0.4773017	0.408	0.159	7.33E-47	25	TSPAN12	Immune-NK cells
3.17E-68	0.4754739	0.951	0.845	1.07E-63	25	RPS6	Immune-NK cells
4.54E-53	0.47533045	0.909	0.725	1.53E-48	25	RPS17	Immune-NK cells
1.42E-53	0.46447573	0.937	0.763	4.79E-49	25	RPL31	Immune-NK cells
1.43E-49	0.46410347	0.436	0.18	4.83E-45	25	EIF3M	Immune-NK cells
8.62E-138	0.46380948	0.274	0.041	##########	25	ADGRG6	Immune-NK cells
5.96E-42	0.46229718	0.42	0.18	2.01E-37	25	ERRFI1	Immune-NK cells
2.22E-27	0.4606986	0.347	0.166	7.47E-23	25	NTN4	Immune-NK cells
1.90E-77	0.46039644	0.367	0.102	6.41E-73	25	IGFBP4	Immune-NK cells
1.15E-51	0.4599818	0.556	0.244	3.86E-47	25	SPATS2L	Immune-NK cells
4.47E-36	0.45865447	0.688	0.413	1.51E-31	25	TMEM258	Immune-NK cells
2.23E-65	0.4557981	0.957	0.862	7.52E-61	25	RPS28	Immune-NK cells
4.37E-35	0.45568342	0.471	0.235	1.47E-30	25	TUBB	Immune-NK cells
1.01E-48	0.45555647	0.899	0.747	3.41E-44	25	RPL7	Immune-NK cells
1.26E-46	0.45419571	0.85	0.632	4.24E-42	25	RPL18	Immune-NK cells
5.23E-48	0.45203585	0.448	0.186	1.76E-43	25	RARRES2	Immune-NK cells
3.88E-61	0.45010271	0.59	0.26	1.31E-56	25	MT1F	Immune-NK cells
2.22E-38	0.44936013	0.795	0.543	7.49E-34	25	EEF1D	Immune-NK cells
1.70E-51	0.44539596	0.903	0.721	5.72E-47	25	RPL27A	Immune-NK cells
7.00E-62	0.4440409	0.953	0.834	2.36E-57	25	RPS23	Immune-NK cells
1.85E-37	0.44381301	0.795	0.554	6.25E-33	25	PFDN5	Immune-NK cells
1.04E-85	0.44347576	0.276	0.06	3.51E-81	25	CCDC80	Immune-NK cells
1.07E-53	0.44266137	0.458	0.18	3.61E-49	25	ITGB8	Immune-NK cells
2.65E-48	0.43969706	0.29	0.095	8.93E-44	25	PROM1	Immune-NK cells
3.23E-111	0.43835066	0.256	0.043	##########	25	HRCT1	Immune-NK cells
2.24E-31	0.43623665	0.667	0.422	7.55E-27	25	EEF2	Immune-NK cells
1.76E-40	0.4361699	0.436	0.194	5.94E-36	25	CEBPB	Immune-NK cells
6.10E-85	0.43596934	0.377	0.099	2.06E-80	25	TPM2	Immune-NK cells
1.15E-251	0.43594156	0.252	0.02	##########	25	TSHZ2	Immune-NK cells
4.42E-33	0.43528016	0.706	0.449	1.49E-28	25	BTF3	Immune-NK cells
7.68E-70	0.43490179	0.254	0.06	2.59E-65	25	MAP7D3	Immune-NK cells
6.03E-76	0.43463797	0.258	0.059	2.03E-71	25	ABCC3	Immune-NK cells
4.07E-46	0.43398697	0.895	0.731	1.37E-41	25	RPL6	Immune-NK cells
8.86E-44	0.43306488	0.448	0.194	2.98E-39	25	UGCG	Immune-NK cells
2.86E-45	0.4328532	0.542	0.254	9.63E-41	25	PTMS	Immune-NK cells
1.28E-62	0.43236588	0.968	0.897	4.31E-58	25	RPL21	Immune-NK cells
6.25E-40	0.43212713	0.483	0.231	2.10E-35	25	ARPC5	Immune-NK cells
1.40E-48	0.4305801	0.375	0.141	4.70E-44	25	FAT1	Immune-NK cells
2.20E-35	0.42984003	0.742	0.495	7.42E-31	25	HNRNPA1	Immune-NK cells
1.42E-41	0.4285279	0.598	0.311	4.79E-37	25	ZFAS1	Immune-NK cells
3.82E-39	0.42531922	0.819	0.6	1.29E-34	25	RPL23	Immune-NK cells

1.60E-38	0.42438068	0.517	0.26	5.38E-34	25	NR2F2	Immune-NK cells
1.01E-48	0.42389376	0.359	0.131	3.40E-44	25	ITGA3	Immune-NK cells
5.99E-47	0.42335215	0.905	0.74	2.02E-42	25	RPS3A	Immune-NK cells
6.31E-61	0.42185077	0.966	0.87	2.13E-56	25	RPLP1	Immune-NK cells
2.03E-52	0.42085561	0.929	0.808	6.84E-48	25	RPS25	Immune-NK cells
2.47E-76	0.41958391	0.996	0.952	8.33E-72	25	RPL34	Immune-NK cells
1.53E-31	0.41946779	0.726	0.464	5.16E-27	25	MYL12B	Immune-NK cells
3.66E-32	0.41897862	0.592	0.351	1.23E-27	25	EEF1B2	Immune-NK cells
7.20E-68	0.41757694	0.288	0.075	2.43E-63	25	SLC22A2	Immune-NK cells
1.97E-37	0.41752312	0.862	0.712	6.64E-33	25	RPL37	Immune-NK cells
1.38E-67	0.41480734	0.974	0.876	4.66E-63	25	RPS27A	Immune-NK cells
2.09E-36	0.41320936	0.404	0.181	7.06E-32	25	STAT1	Immune-NK cells
6.60E-41	0.41217638	0.872	0.725	2.22E-36	25	RPL8	Immune-NK cells
7.25E-38	0.41063813	0.826	0.629	2.44E-33	25	RPS7	Immune-NK cells
1.29E-38	0.41043366	0.87	0.69	4.34E-34	25	CALM2	Immune-NK cells
5.27E-48	0.40974717	0.359	0.132	1.77E-43	25	CARHSP1	Immune-NK cells
4.05E-44	0.40948972	0.903	0.771	1.37E-39	25	RPS24	Immune-NK cells
1.70E-47	0.40924152	0.306	0.101	5.74E-43	25	MAF	Immune-NK cells
1.20E-83	0.40906684	0.266	0.057	4.03E-79	25	PDLIM4	Immune-NK cells
1.47E-29	0.40844703	0.653	0.426	4.95E-25	25	CCNI	Immune-NK cells
2.24E-43	0.40798624	0.89	0.695	7.53E-39	25	RPL38	Immune-NK cells
5.32E-40	0.40748109	0.365	0.154	1.79E-35	25	EEF1E1	Immune-NK cells
2.20E-28	0.40648138	0.718	0.48	7.43E-24	25	PFN1	Immune-NK cells
5.94E-108	0.40614513	0.256	0.045	##########	25	PHLDA3	Immune-NK cells
1.20E-25	0.4050627	0.625	0.389	4.04E-21	25	HMGN2	Immune-NK cells
7.79E-34	0.40313913	0.834	0.598	2.62E-29	25	RPL27	Immune-NK cells
1.62E-34	0.40301681	0.647	0.366	5.44E-30	25	CYBA	Immune-NK cells
6.79E-72	0.40132296	0.312	0.083	2.29E-67	25	TMEM98	Immune-NK cells
8.37E-71	0.3988837	0.325	0.088	2.82E-66	25	FHL1	Immune-NK cells
9.23E-69	0.39884879	0.276	0.07	3.11E-64	25	TCEAL2	Immune-NK cells
1.21E-36	0.39876486	0.436	0.204	4.09E-32	25	ITGAV	Immune-NK cells
1.18E-27	0.39820606	0.673	0.438	3.99E-23	25	NPM1	Immune-NK cells
7.79E-30	0.39778078	0.389	0.183	2.63E-25	25	CYR61	Immune-NK cells
1.39E-37	0.39572604	0.834	0.63	4.68E-33	25	RPS11	Immune-NK cells
3.19E-37	0.39521681	0.487	0.237	1.08E-32	25	RSL24D1	Immune-NK cells
1.45E-37	0.39515696	0.497	0.243	4.87E-33	25	TMEM205	Immune-NK cells
4.04E-35	0.3950891	0.852	0.647	1.36E-30	25	RPL22	Immune-NK cells
2.57E-34	0.39480835	0.606	0.339	8.65E-30	25	CUTA	Immune-NK cells
1.99E-45	0.39279687	0.943	0.823	6.72E-41	25	RPL35	Immune-NK cells
5.93E-31	0.39276805	0.696	0.443	2.00E-26	25	RPL36AL	Immune-NK cells
1.34E-29	0.39056586	0.363	0.169	4.52E-25	25	TUBA1A	Immune-NK cells
1.81E-43	0.39018198	0.329	0.124	6.08E-39	25	MRPL14	Immune-NK cells
8.37E-49	0.38960898	0.272	0.084	2.82E-44	25	SBSPON	Immune-NK cells
3.46E-30	0.38867832	0.746	0.503	1.17E-25	25	NACA	Immune-NK cells
4.51E-38	0.38810568	0.462	0.22	1.52E-33	25	BANF1	Immune-NK cells
1.18E-82	0.38655997	0.444	0.131	3.98E-78	25	TM4SF1	Immune-NK cells
1.85E-44	0.38650369	0.919	0.793	6.25E-40	25	RPLP2	Immune-NK cells
8.93E-36	0.38429558	0.418	0.194	3.01E-31	25	PPA1	Immune-NK cells

2.09E-39	0.38389389	0.915	0.767	7.03E-35	25	RPL28	Immune-NK cells
1.31E-30	0.38367861	0.288	0.12	4.40E-26	25	LTBP3	Immune-NK cells
6.47E-64	0.3828619	0.992	0.946	2.18E-59	25	RPL41	Immune-NK cells
4.41E-58	0.38223072	0.27	0.075	1.49E-53	25	PLXDC2	Immune-NK cells
1.46E-52	0.38129563	0.412	0.15	4.93E-48	25	CLIC4	Immune-NK cells
1.86E-57	0.38003347	0.298	0.089	6.28E-53	25	ACLY	Immune-NK cells
5.80E-37	0.37950723	0.892	0.722	1.95E-32	25	FAU	Immune-NK cells
4.84E-28	0.37792846	0.477	0.26	1.63E-23	25	TSPO	Immune-NK cells
3.91E-32	0.37718896	0.416	0.197	1.32E-27	25	C11orf54	Immune-NK cells
2.64E-27	0.3771217	0.442	0.232	8.89E-23	25	STMN1	Immune-NK cells
2.06E-25	0.3770527	0.535	0.313	6.94E-21	25	TRAM1	Immune-NK cells
2.94E-33	0.37702683	0.651	0.381	9.89E-29	25	NAP1L1	Immune-NK cells
1.77E-30	0.37517012	0.649	0.389	5.98E-26	25	NEDD8	Immune-NK cells
7.61E-28	0.37355874	0.515	0.287	2.56E-23	25	AHNAK	Immune-NK cells
1.30E-31	0.37239407	0.582	0.319	4.36E-27	25	RPL17	Immune-NK cells
2.07E-74	0.37228451	0.254	0.058	6.97E-70	25	PEMT	Immune-NK cells
2.63E-32	0.37204621	0.308	0.129	8.86E-28	25	VPS25	Immune-NK cells
3.21E-41	0.37147896	0.357	0.142	1.08E-36	25	TNS1	Immune-NK cells
1.06E-27	0.37084707	0.826	0.623	3.57E-23	25	RPS21	Immune-NK cells
2.28E-60	0.37040213	0.268	0.072	7.68E-56	25	ITGA1	Immune-NK cells
8.43E-29	0.37016462	0.708	0.463	2.84E-24	25	WBP5	Immune-NK cells
9.11E-49	0.36826969	0.953	0.851	3.07E-44	25	RPS15	Immune-NK cells
5.86E-19	0.36787936	0.254	0.119	1.97E-14	25	NNMT	Immune-NK cells
1.39E-24	0.36773913	0.807	0.644	4.70E-20	25	ACTG1	Immune-NK cells
3.22E-32	0.3675403	0.546	0.299	1.09E-27	25	MZT2B	Immune-NK cells
8.49E-27	0.36677092	0.777	0.543	2.86E-22	25	CD63	Immune-NK cells
5.11E-33	0.36494242	0.469	0.235	1.72E-28	25	SSR2	Immune-NK cells
1.40E-55	0.36490893	0.264	0.075	4.71E-51	25	SYNGR1	Immune-NK cells
3.52E-28	0.36445042	0.546	0.309	1.18E-23	25	SELM	Immune-NK cells
4.78E-29	0.36379006	0.456	0.238	1.61E-24	25	C6orf48	Immune-NK cells
4.08E-30	0.36368087	0.819	0.638	1.38E-25	25	UBA52	Immune-NK cells
6.81E-40	0.36316889	0.367	0.146	2.29E-35	25	TFPI	Immune-NK cells
2.05E-45	0.362866	0.325	0.116	6.91E-41	25	SLC40A1	Immune-NK cells
1.74E-47	0.36243994	0.974	0.902	5.86E-43	25	PTMA	Immune-NK cells
3.73E-32	0.36071878	0.523	0.271	1.26E-27	25	CETN2	Immune-NK cells
4.30E-78	0.35893846	0.252	0.055	1.45E-73	25	PDGFC	Immune-NK cells
8.90E-24	0.35869997	0.515	0.3	3.00E-19	25	ID2	Immune-NK cells
2.00E-30	0.35684334	0.659	0.391	6.73E-26	25	RPS10	Immune-NK cells
1.56E-34	0.35615304	0.473	0.232	5.27E-30	25	MRFAP1	Immune-NK cells
6.13E-33	0.35574988	0.88	0.717	2.06E-28	25	RPL9	Immune-NK cells
1.52E-40	0.35522824	0.921	0.843	5.12E-36	25	RPS14	Immune-NK cells
3.98E-23	0.35331042	0.897	0.803	1.34E-18	25	FTH1	Immune-NK cells
3.02E-45	0.34909898	0.308	0.108	1.02E-40	25	SYTL2	Immune-NK cells
3.58E-30	0.34827674	0.412	0.202	1.21E-25	25	ARL2	Immune-NK cells
9.15E-76	0.34762587	0.254	0.057	3.08E-71	25	HSPB8	Immune-NK cells
1.62E-23	0.34726454	0.629	0.396	5.46E-19	25	NPC2	Immune-NK cells
5.22E-43	0.34682522	0.933	0.852	1.76E-38	25	RPL37A	Immune-NK cells
4.54E-35	0.34627194	0.41	0.188	1.53E-30	25	EIF3G	Immune-NK cells

3.22E-23	0.34603737	0.673	0.443	1.08E-18	25	GPX4	Immune-NK cells
8.89E-31	0.34481821	0.367	0.167	3.00E-26	25	FBXO21	Immune-NK cells
1.80E-29	0.34459959	0.777	0.498	6.07E-25	25	RPL36A	Immune-NK cells
4.69E-31	0.34399284	0.41	0.195	1.58E-26	25	IFI27L2	Immune-NK cells
3.92E-36	0.34392602	0.927	0.79	1.32E-31	25	RPL23A	Immune-NK cells
1.73E-37	0.33770759	0.304	0.117	5.83E-33	25	C9orf3	Immune-NK cells
2.75E-24	0.33745337	0.69	0.443	9.28E-20	25	EDF1	Immune-NK cells
2.88E-24	0.33600044	0.779	0.573	9.72E-20	25	GSTP1	Immune-NK cells
1.76E-25	0.33503197	0.801	0.565	5.92E-21	25	MORF4L1	Immune-NK cells
2.94E-29	0.33493076	0.866	0.682	9.92E-25	25	RPS20	Immune-NK cells
1.24E-26	0.33482682	0.477	0.261	4.17E-22	25	KRT10	Immune-NK cells
1.15E-26	0.33364408	0.485	0.265	3.87E-22	25	PPIB	Immune-NK cells
5.11E-13	0.33323977	0.744	0.564	1.72E-08	25	DUSP1	Immune-NK cells
4.42E-32	0.33153341	0.89	0.712	1.49E-27	25	RPS13	Immune-NK cells
8.57E-29	0.32946665	0.353	0.165	2.89E-24	25	MZT2A	Immune-NK cells
5.31E-35	0.32942669	0.876	0.644	1.79E-30	25	DSTN	Immune-NK cells
5.15E-26	0.32862991	0.54	0.314	1.73E-21	25	PARK7	Immune-NK cells
5.51E-33	0.32833391	0.268	0.101	1.86E-28	25	RAPGEF3	Immune-NK cells
2.42E-23	0.32670573	0.57	0.343	8.15E-19	25	PSME1	Immune-NK cells
1.06E-19	0.32654869	0.773	0.554	3.57E-15	25	POLR2L	Immune-NK cells
1.30E-31	0.32606883	0.396	0.187	4.40E-27	25	ALKBH7	Immune-NK cells
5.30E-38	0.32555648	0.373	0.155	1.79E-33	25	TLN1	Immune-NK cells
2.13E-35	0.32306288	0.27	0.1	7.18E-31	25	TSPAN4	Immune-NK cells
6.45E-46	0.32206709	0.986	0.943	2.17E-41	25	RPS27	Immune-NK cells
1.90E-23	0.31991235	0.781	0.564	6.42E-19	25	HINT1	Immune-NK cells
1.63E-41	0.31864046	0.278	0.096	5.50E-37	25	ZYX	Immune-NK cells
1.93E-29	0.31727806	0.282	0.117	6.52E-25	25	PLP2	Immune-NK cells
5.70E-24	0.31559709	0.501	0.285	1.92E-19	25	POLR2I	Immune-NK cells
7.88E-34	0.31490921	0.327	0.134	2.65E-29	25	PRKCI	Immune-NK cells
4.56E-25	0.31476081	0.402	0.209	1.54E-20	25	LSM7	Immune-NK cells
8.86E-31	0.31470588	0.318	0.136	2.98E-26	25	SLC25A37	Immune-NK cells
1.01E-34	0.31391989	0.254	0.091	3.39E-30	25	AMOTL2	Immune-NK cells
1.28E-18	0.31377346	0.742	0.537	4.32E-14	25	RPS27L	Immune-NK cells
9.98E-37	0.31302744	0.949	0.922	3.36E-32	25	EEF1A1	Immune-NK cells
6.64E-27	0.31281348	0.481	0.261	2.24E-22	25	TMEM123	Immune-NK cells
5.00E-38	0.31188724	0.323	0.125	1.69E-33	25	PON2	Immune-NK cells
1.80E-26	0.3102891	0.499	0.277	6.05E-22	25	TCEAL8	Immune-NK cells
1.75E-34	0.31016478	0.312	0.125	5.88E-30	25	LIMS1	Immune-NK cells
1.08E-29	0.30911246	0.46	0.231	3.63E-25	25	DAB2	Immune-NK cells
1.87E-25	0.30909303	0.412	0.212	6.31E-21	25	MYH9	Immune-NK cells
5.51E-25	0.30871462	0.329	0.155	1.86E-20	25	RASSF7	Immune-NK cells
1.84E-35	0.30728399	0.284	0.106	6.18E-31	25	PIK3R1	Immune-NK cells
8.78E-50	0.30711997	0.26	0.074	2.96E-45	25	LRP2	Immune-NK cells
1.56E-45	0.307051	0.385	0.146	5.26E-41	25	BST2	Immune-NK cells
2.41E-24	0.30232367	0.623	0.381	8.13E-20	25	ITGB1	Immune-NK cells
1.12E-34	0.30132721	0.302	0.121	3.76E-30	25	ILK	Immune-NK cells
5.25E-30	0.3012014	0.941	0.849	1.77E-25	25	RPL36	Immune-NK cells
1.37E-26	0.30080374	0.349	0.166	4.62E-22	25	TBCB	Immune-NK cells

2.19E-31	0.30065913	0.412	0.196	7.38E-27	25	UBXN1	Immune-NK cells
4.28E-36	0.30046639	0.268	0.096	1.44E-31	25	CAV2	Immune-NK cells
3.94E-24	0.29999753	0.391	0.205	1.33E-19	25	ERGIC3	Immune-NK cells
2.83E-37	0.29885583	0.412	0.177	9.54E-33	25	MARCKS	Immune-NK cells
1.83E-31	0.29697952	0.325	0.139	6.18E-27	25	APEX1	Immune-NK cells
6.20E-16	0.29510432	0.728	0.542	2.09E-11	25	ZFP36L1	Immune-NK cells
1.57E-20	0.29475275	0.763	0.552	5.30E-16	25	ATP5G2	Immune-NK cells
1.06E-25	0.29395901	0.57	0.33	3.56E-21	25	EIF3E	Immune-NK cells
7.17E-19	0.2936712	0.722	0.504	2.41E-14	25	ATPIF1	Immune-NK cells
7.49E-28	0.29333238	0.341	0.157	2.52E-23	25	FAM3C	Immune-NK cells
3.17E-26	0.29324909	0.274	0.119	1.07E-21	25	TAX1BP3	Immune-NK cells
2.06E-21	0.29233116	0.523	0.308	6.93E-17	25	DAD1	Immune-NK cells
2.03E-19	0.29202713	0.765	0.565	6.85E-15	25	CIRBP	Immune-NK cells
9.79E-32	0.29187707	0.28	0.111	3.30E-27	25	TUSC3	Immune-NK cells
1.46E-18	0.29114255	0.722	0.521	4.92E-14	25	S100A10	Immune-NK cells
9.96E-29	0.29032536	0.404	0.197	3.36E-24	25	EIF3L	Immune-NK cells
3.53E-24	0.28897632	0.412	0.215	1.19E-19	25	MACF1	Immune-NK cells
5.54E-21	0.28846862	0.495	0.29	1.87E-16	25	RABAC1	Immune-NK cells
1.08E-28	0.28829368	0.389	0.187	3.64E-24	25	AP2M1	Immune-NK cells
2.29E-35	0.28703336	0.27	0.098	7.71E-31	25	GULP1	Immune-NK cells
5.68E-23	0.28697656	0.428	0.232	1.91E-18	25	CFDP1	Immune-NK cells
6.25E-30	0.28685501	0.357	0.162	2.11E-25	25	AGRN	Immune-NK cells
1.20E-33	0.28667286	0.406	0.185	4.06E-29	25	VKORC1	Immune-NK cells
8.20E-22	0.28568293	0.394	0.214	2.76E-17	25	EIF3F	Immune-NK cells
1.05E-23	0.28519396	0.406	0.212	3.53E-19	25	PAX8	Immune-NK cells
4.55E-22	0.28511031	0.471	0.268	1.53E-17	25	PSMB1	Immune-NK cells
1.40E-23	0.2844968	0.505	0.285	4.71E-19	25	RAB2A	Immune-NK cells
3.06E-20	0.28415927	0.568	0.351	1.03E-15	25	SNRPD2	Immune-NK cells
6.26E-25	0.28372855	0.467	0.255	2.11E-20	25	SF3B5	Immune-NK cells
3.91E-23	0.28313073	0.298	0.14	1.32E-18	25	ARL3	Immune-NK cells
1.04E-32	0.28300473	0.367	0.16	3.51E-28	25	TGIF1	Immune-NK cells
1.41E-29	0.28240753	0.357	0.163	4.74E-25	25	TMEM14A	Immune-NK cells
8.77E-24	0.28232818	0.387	0.202	2.96E-19	25	TMED9	Immune-NK cells
2.99E-24	0.28190483	0.282	0.127	1.01E-19	25	BAX	Immune-NK cells
1.76E-46	0.28081897	0.274	0.086	5.93E-42	25	FOXC1	Immune-NK cells
1.67E-45	0.28041015	0.256	0.079	5.62E-41	25	NBL1	Immune-NK cells
1.43E-16	0.28021616	0.669	0.468	4.81E-12	25	CFL1	Immune-NK cells
2.04E-19	0.27952668	0.406	0.229	6.88E-15	25	PGRMC1	Immune-NK cells
2.73E-25	0.27915106	0.353	0.172	9.21E-21	25	SNRPB	Immune-NK cells
5.40E-20	0.27889269	0.426	0.241	1.82E-15	25	ESD	Immune-NK cells
3.17E-34	0.27863846	0.314	0.128	1.07E-29	25	RAB34	Immune-NK cells
4.49E-33	0.27859875	0.286	0.112	1.51E-28	25	PLOD2	Immune-NK cells
2.61E-22	0.27856427	0.509	0.291	8.80E-18	25	GTF2I	Immune-NK cells
7.95E-29	0.27644657	0.361	0.168	2.68E-24	25	ZBTB44	Immune-NK cells
1.17E-24	0.27630567	0.318	0.15	3.94E-20	25	SAT2	Immune-NK cells
9.94E-45	0.2755881	0.252	0.077	3.35E-40	25	MAOB	Immune-NK cells
1.95E-24	0.27516222	0.465	0.252	6.58E-20	25	RBM3	Immune-NK cells
6.10E-21	0.27443698	0.414	0.229	2.06E-16	25	DEK	Immune-NK cells

2.83E-18	0.27428263	0.467	0.28	9.53E-14	25	SF3B6	Immune-NK cells
1.65E-15	0.2735866	0.769	0.563	5.56E-11	25	S100A11	Immune-NK cells
3.28E-37	0.27254737	0.448	0.197	1.10E-32	25	TPM4	Immune-NK cells
4.56E-18	0.27036019	0.465	0.277	1.54E-13	25	ANAPC11	Immune-NK cells
3.38E-24	0.26991029	0.27	0.119	1.14E-19	25	GTF2F1	Immune-NK cells
2.67E-28	0.26935229	0.266	0.107	8.99E-24	25	RNF144B	Immune-NK cells
9.64E-22	0.26931275	0.801	0.591	3.25E-17	25	RPL30	Immune-NK cells
1.47E-19	0.26905869	0.688	0.466	4.95E-15	25	SUMO2	Immune-NK cells
2.01E-16	0.26860714	0.308	0.162	6.76E-12	25	SLPI	Immune-NK cells
2.48E-37	0.26806919	0.284	0.102	8.36E-33	25	LBH	Immune-NK cells
5.15E-24	0.26789287	0.381	0.194	1.74E-19	25	DNPH1	Immune-NK cells
1.58E-33	0.26759246	0.284	0.11	5.31E-29	25	CUEDC2	Immune-NK cells
2.15E-23	0.26735156	0.59	0.349	7.23E-19	25	TCEAL4	Immune-NK cells
1.67E-14	0.26667334	0.895	0.808	5.61E-10	25	ACTB	Immune-NK cells
4.21E-24	0.26638921	0.385	0.195	1.42E-19	25	CWC15	Immune-NK cells
1.02E-26	0.26587642	0.473	0.248	3.44E-22	25	IL6ST	Immune-NK cells
2.18E-28	0.26565414	0.298	0.129	7.33E-24	25	EIF3D	Immune-NK cells
2.37E-22	0.2647466	0.312	0.151	7.98E-18	25	C1orf122	Immune-NK cells
3.08E-10	0.26456487	0.331	0.209	1.04E-05	25	LINC0132(	Immune-NK cells
6.86E-20	0.26427856	0.503	0.3	2.31E-15	25	SNRPE	Immune-NK cells
6.13E-29	0.26379701	0.276	0.114	2.07E-24	25	RCN1	Immune-NK cells
1.23E-22	0.26354372	0.434	0.237	4.14E-18	25	BEX4	Immune-NK cells
2.81E-29	0.26315022	0.254	0.098	9.46E-25	25	OPTN	Immune-NK cells
6.38E-26	0.26289544	0.418	0.21	2.15E-21	25	ACTR3	Immune-NK cells
5.06E-22	0.26253496	0.377	0.198	1.70E-17	25	OSTC	Immune-NK cells
4.14E-19	0.26209801	0.369	0.2	1.40E-14	25	TBL1XR1	Immune-NK cells
3.09E-23	0.26185032	0.487	0.269	1.04E-18	25	GLTSCR2	Immune-NK cells
1.23E-32	0.26156358	0.294	0.117	4.14E-28	25	ATP13A3	Immune-NK cells
1.05E-22	0.26080589	0.254	0.112	3.54E-18	25	YPEL2	Immune-NK cells
3.05E-25	0.26056395	0.369	0.182	1.03E-20	25	SARS	Immune-NK cells
1.02E-19	0.25909153	0.55	0.338	3.43E-15	25	MRPS21	Immune-NK cells
6.16E-21	0.25869731	0.509	0.298	2.07E-16	25	BRK1	Immune-NK cells
2.47E-18	0.25854036	0.55	0.335	8.32E-14	25	KRT18	Immune-NK cells
2.93E-33	0.25829438	0.278	0.104	9.87E-29	25	PDZK1	Immune-NK cells
3.59E-19	0.25755733	0.363	0.196	1.21E-14	25	H2AFJ	Immune-NK cells
5.44E-24	0.25704566	0.46	0.246	1.83E-19	25	BEX2	Immune-NK cells
1.00E-15	0.25704273	0.592	0.396	3.38E-11	25	ENO1	Immune-NK cells
2.32E-19	0.25700994	0.264	0.128	7.82E-15	25	MYDGF	Immune-NK cells
1.03E-16	0.25689645	0.633	0.429	3.49E-12	25	HMGN1	Immune-NK cells
1.96E-24	0.25682699	0.264	0.113	6.61E-20	25	NRP1	Immune-NK cells
9.26E-17	0.25612386	0.83	0.676	3.12E-12	25	H3F3A	Immune-NK cells
4.39E-22	0.25525913	0.503	0.284	1.48E-17	25	C090498.	Immune-NK cells
1.00E-22	0.25461074	0.467	0.257	3.38E-18	25	MRPL51	Immune-NK cells
9.30E-23	0.25441492	0.385	0.199	3.13E-18	25	PFDN1	Immune-NK cells
7.25E-19	0.25327046	0.426	0.246	2.44E-14	25	TMEM14C	Immune-NK cells
5.28E-21	0.25321549	0.481	0.275	1.78E-16	25	LEPROT	Immune-NK cells
1.50E-21	0.25307376	0.505	0.292	5.06E-17	25	DYNLT1	Immune-NK cells
2.37E-21	0.25261515	0.633	0.393	7.99E-17	25	SOX4	Immune-NK cells

8.19E-22	0.2525895	0.385	0.204	2.76E-17	25	CXXC5	Immune-NK cells
3.52E-22	0.25202799	0.394	0.207	1.19E-17	25	PCBD1	Immune-NK cells
2.28E-15	0.25091123	0.708	0.502	7.67E-11	25	NDUFS5	Immune-NK cells
1.22E-38	0.25047097	0.284	0.101	4.10E-34	25	GAS6	Immune-NK cells
4.26E-28	0.25035903	0.341	0.155	1.44E-23	25	CCDC50	Immune-NK cells
1.06E-135	1.54343782	0.788	0.288	#########	26	MMP7	Collecting duct
1.25E-134	1.40608109	0.48	0.116	#########	26	CCL2	Collecting duct
6.23E-194	1.27152493	0.57	0.119	#########	26	CXCL2	Collecting duct
2.82E-201	1.17986345	0.381	0.053	#########	26	CXCL1	Collecting duct
2.49E-157	1.17781853	0.619	0.159	#########	26	SLPI	Collecting duct
3.79E-126	1.1569186	0.836	0.391	#########	26	SOX4	Collecting duct
1.52E-146	1.08227526	0.953	0.532	#########	26	KLF6	Collecting duct
2.54E-137	1.06694178	0.802	0.312	#########	26	ATF3	Collecting duct
7.79E-117	1.06592129	0.633	0.21	#########	26	ANXA1	Collecting duct
3.32E-202	1.06297561	0.372	0.05	#########	26	CXCL3	Collecting duct
3.04E-135	1.06083033	0.777	0.297	#########	26	TACSTD2	Collecting duct
2.70E-164	1.05771004	0.59	0.148	#########	26	WEE1	Collecting duct
8.93E-104	1.01460036	0.642	0.245	3.01E-99	26	CLDN4	Collecting duct
5.60E-138	1.00152808	0.964	0.523	#########	26	EGR1	Collecting duct
1.43E-126	0.99915294	0.457	0.111	#########	26	RND3	Collecting duct
6.49E-101	0.99901761	0.534	0.179	2.19E-96	26	CLDN3	Collecting duct
4.44E-135	0.99291619	0.664	0.209	#########	26	C8orf4	Collecting duct
7.11E-147	0.96374485	0.631	0.171	#########	26	ITGB6	Collecting duct
3.78E-124	0.950048	0.552	0.155	#########	26	EMP1	Collecting duct
2.81E-75	0.93897821	0.39	0.12	9.48E-71	26	BIRC3	Collecting duct
2.41E-108	0.91164732	0.613	0.205	#########	26	KRT7	Collecting duct
9.57E-68	0.90580358	0.595	0.277	3.22E-63	26	LMNA	Collecting duct
6.72E-59	0.89215548	0.523	0.234	2.26E-54	26	ITM2C	Collecting duct
7.52E-88	0.88738806	0.462	0.141	2.53E-83	26	CREB5	Collecting duct
1.46E-78	0.87977277	0.435	0.131	4.92E-74	26	TM4SF1	Collecting duct
1.26E-99	0.87940704	0.333	0.074	4.26E-95	26	HBEGF	Collecting duct
2.21E-81	0.87433686	0.793	0.414	7.45E-77	26	PPP1CB	Collecting duct
2.74E-105	0.8739176	0.865	0.422	#########	26	FOSB	Collecting duct
3.36E-80	0.85930662	0.673	0.309	1.13E-75	26	NFKBIA	Collecting duct
1.40E-109	0.82518957	0.545	0.159	#########	26	CLDN10	Collecting duct
3.68E-103	0.82338044	0.543	0.167	1.24E-98	26	SOX9	Collecting duct
6.97E-116	0.80559132	0.466	0.114	#########	26	TSPAN8	Collecting duct
1.87E-96	0.80212066	0.414	0.111	6.29E-92	26	MYADM	Collecting duct
2.44E-69	0.79724196	0.709	0.335	8.24E-65	26	CTNNB1	Collecting duct
3.62E-92	0.77939685	0.851	0.435	1.22E-87	26	ZFP36	Collecting duct
2.96E-62	0.74964215	0.743	0.362	9.99E-58	26	S100A2	Collecting duct
6.76E-79	0.74571693	0.725	0.314	2.28E-74	26	CXCL14	Collecting duct
5.01E-93	0.73741763	0.953	0.681	1.69E-88	26	SAT1	Collecting duct
6.26E-74	0.73012372	0.399	0.117	2.11E-69	26	NNMT	Collecting duct
1.72E-59	0.71646655	0.468	0.182	5.78E-55	26	CYR61	Collecting duct
3.28E-65	0.71371108	0.477	0.176	1.11E-60	26	D-3252C9	Collecting duct
4.96E-101	0.70445157	0.313	0.063	1.67E-96	26	PLAU	Collecting duct
1.75E-52	0.69186241	0.552	0.252	5.91E-48	26	WTAP	Collecting duct

7.79E-43	0.69029971	0.604	0.322	2.62E-38	26	SOD2	Collecting duct
5.42E-70	0.67973442	0.331	0.092	1.83E-65	26	KLF5	Collecting duct
9.05E-52	0.66940325	0.477	0.192	3.05E-47	26	C1orf56	Collecting duct
1.40E-97	0.66939481	0.315	0.066	4.72E-93	26	EGOT	Collecting duct
2.16E-117	0.66341637	0.284	0.048	##########	26	FHL2	Collecting duct
9.67E-88	0.66302454	0.98	0.675	3.26E-83	26	FOS	Collecting duct
1.33E-66	0.65381368	0.372	0.116	4.48E-62	26	CNKSR3	Collecting duct
1.73E-52	0.65216132	0.662	0.352	5.83E-48	26	MCL1	Collecting duct
2.75E-47	0.65171436	0.606	0.313	9.26E-43	26	ELF3	Collecting duct
4.09E-52	0.6502588	0.854	0.544	1.38E-47	26	HNRNPH1	Collecting duct
3.28E-16	0.64663701	0.252	0.127	1.11E-11	26	SERPINA1	Collecting duct
5.32E-65	0.64258502	0.928	0.586	1.79E-60	26	SPP1	Collecting duct
8.20E-60	0.64133421	0.845	0.508	2.76E-55	26	RHOB	Collecting duct
9.77E-144	0.63954543	0.259	0.034	##########	26	LAMC2	Collecting duct
8.44E-42	0.63468686	0.374	0.149	2.84E-37	26	ADAMTS1	Collecting duct
1.63E-57	0.63165517	0.457	0.174	5.48E-53	26	KLF4	Collecting duct
9.48E-81	0.6264064	0.921	0.537	3.19E-76	26	WFDC2	Collecting duct
2.60E-87	0.62087935	0.367	0.094	8.78E-83	26	PROM1	Collecting duct
2.46E-47	0.62018402	0.477	0.207	8.29E-43	26	LINC0132(	Collecting duct
5.59E-43	0.6164111	0.437	0.193	1.88E-38	26	NCOA7	Collecting duct
6.64E-53	0.6044249	0.52	0.231	2.24E-48	26	STMN1	Collecting duct
8.62E-53	0.59916233	0.64	0.311	2.90E-48	26	NFKBIZ	Collecting duct
1.53E-54	0.59867869	0.869	0.555	5.15E-50	26	JUND	Collecting duct
1.23E-55	0.59486817	0.743	0.4	4.15E-51	26	VMP1	Collecting duct
4.71E-60	0.5941461	0.887	0.563	1.59E-55	26	DUSP1	Collecting duct
1.55E-55	0.5802703	0.709	0.356	5.23E-51	26	MUC1	Collecting duct
1.20E-43	0.57073097	0.543	0.267	4.03E-39	26	MIDN	Collecting duct
1.67E-45	0.5706866	0.676	0.369	5.64E-41	26	TPM1	Collecting duct
5.99E-55	0.56848569	0.482	0.194	2.02E-50	26	UGCG	Collecting duct
2.54E-45	0.56798465	0.637	0.339	8.56E-41	26	SDC4	Collecting duct
4.63E-43	0.56529007	0.291	0.099	1.56E-38	26	IR4435-2H	Collecting duct
4.76E-45	0.56503944	0.351	0.129	1.60E-40	26	RRAD	Collecting duct
1.79E-44	0.5648293	0.606	0.307	6.05E-40	26	TRA2A	Collecting duct
4.73E-43	0.56426008	0.734	0.43	1.59E-38	26	SET	Collecting duct
2.80E-48	0.56208359	0.608	0.294	9.43E-44	26	FOSL2	Collecting duct
3.45E-64	0.56140739	0.984	0.817	1.16E-59	26	S100A6	Collecting duct
2.20E-39	0.56103029	0.61	0.341	7.42E-35	26	EZR	Collecting duct
7.90E-73	0.55667765	0.273	0.062	2.66E-68	26	RAP2B	Collecting duct
7.92E-42	0.55034381	0.732	0.432	2.67E-37	26	IER2	Collecting duct
9.18E-65	0.54875579	0.423	0.141	3.09E-60	26	HSPA2	Collecting duct
7.13E-88	0.54609479	0.394	0.099	2.40E-83	26	CLDN16	Collecting duct
8.69E-63	0.54594938	0.34	0.101	2.93E-58	26	S100A14	Collecting duct
1.84E-49	0.54462316	0.473	0.196	6.20E-45	26	KLF10	Collecting duct
6.31E-43	0.54065411	0.482	0.213	2.13E-38	26	CDC42SE1	Collecting duct
6.65E-44	0.53127898	0.318	0.111	2.24E-39	26	TRIB1	Collecting duct
1.04E-31	0.52264916	0.396	0.188	3.51E-27	26	CD47	Collecting duct
6.33E-69	0.51327673	0.27	0.064	2.13E-64	26	TFPI2	Collecting duct
3.19E-55	0.50884806	0.939	0.646	1.08E-50	26	CD24	Collecting duct

2.66E-34	0.50827097	0.275	0.102	8.97E-30	26	PAQR7	Collecting duct
1.39E-44	0.50656485	0.899	0.6	4.68E-40	26	JUN	Collecting duct
2.74E-41	0.50240737	0.426	0.181	9.25E-37	26	ITGB8	Collecting duct
8.68E-42	0.4969001	0.818	0.541	2.92E-37	26	ZFP36L1	Collecting duct
1.06E-38	0.49631636	0.813	0.521	3.59E-34	26	S100A10	Collecting duct
7.87E-50	0.49341074	0.293	0.089	2.65E-45	26	PMAIP1	Collecting duct
3.92E-33	0.49173776	0.482	0.246	1.32E-28	26	ARID5B	Collecting duct
1.60E-30	0.48295777	0.444	0.223	5.39E-26	26	MDM4	Collecting duct
1.16E-45	0.48037445	0.252	0.075	3.93E-41	26	PLK3	Collecting duct
9.48E-33	0.48010745	0.43	0.206	3.19E-28	26	TNFRSF12A	Collecting duct
1.85E-35	0.47640783	0.482	0.239	6.22E-31	26	C7orf73	Collecting duct
2.22E-34	0.47427693	0.462	0.22	7.47E-30	26	SOCS3	Collecting duct
1.18E-38	0.47273918	0.813	0.531	3.96E-34	26	APP	Collecting duct
3.40E-33	0.4712786	0.41	0.188	1.15E-28	26	B4GALT1	Collecting duct
2.60E-60	0.46973191	0.277	0.072	8.75E-56	26	IRX2	Collecting duct
1.34E-45	0.46595817	0.437	0.178	4.50E-41	26	TES	Collecting duct
3.74E-44	0.46004595	0.356	0.133	1.26E-39	26	RAB11FIP1	Collecting duct
5.63E-37	0.45460636	0.32	0.126	1.90E-32	26	PON2	Collecting duct
9.41E-44	0.43922831	0.921	0.655	3.17E-39	26	H3F3B	Collecting duct
3.57E-29	0.43847187	0.577	0.329	1.20E-24	26	ANXA2	Collecting duct
1.46E-25	0.43641699	0.486	0.269	4.91E-21	26	KRT8	Collecting duct
5.51E-46	0.43254372	0.309	0.103	1.86E-41	26	OCLN	Collecting duct
9.77E-32	0.43003818	0.59	0.333	3.29E-27	26	CCNL1	Collecting duct
9.70E-33	0.42415939	0.761	0.48	3.27E-28	26	CDC42	Collecting duct
2.48E-43	0.4209206	0.302	0.102	8.34E-39	26	DEPTOR	Collecting duct
9.10E-32	0.42007992	0.471	0.233	3.07E-27	26	AMFR	Collecting duct
1.15E-39	0.41939762	0.304	0.109	3.86E-35	26	MAFF	Collecting duct
1.01E-31	0.41929919	0.662	0.398	3.41E-27	26	CD59	Collecting duct
3.71E-30	0.41891173	0.369	0.169	1.25E-25	26	TUBA1A	Collecting duct
3.09E-35	0.41490208	0.306	0.116	1.04E-30	26	ERBB4	Collecting duct
2.40E-25	0.41188206	0.376	0.188	8.08E-21	26	PERP	Collecting duct
4.21E-29	0.40975346	0.858	0.643	1.42E-24	26	ACTG1	Collecting duct
6.73E-34	0.40949488	0.448	0.213	2.27E-29	26	PLEKHA1	Collecting duct
1.10E-30	0.40942039	0.417	0.199	3.70E-26	26	BICC1	Collecting duct
5.67E-25	0.40707362	0.426	0.223	1.91E-20	26	GADD45A	Collecting duct
3.68E-32	0.40390742	0.273	0.102	1.24E-27	26	KDM6B	Collecting duct
3.37E-33	0.40219298	0.363	0.157	1.14E-28	26	MGLL	Collecting duct
8.89E-29	0.40040179	0.5	0.265	2.99E-24	26	SRSF6	Collecting duct
1.52E-25	0.3991751	0.32	0.147	5.12E-21	26	LGR4	Collecting duct
8.41E-27	0.39786732	0.628	0.386	2.83E-22	26	SRSF3	Collecting duct
6.10E-27	0.39659804	0.466	0.248	2.05E-22	26	TOB1	Collecting duct
1.44E-27	0.39324703	0.664	0.403	4.85E-23	26	TSC22D1	Collecting duct
1.38E-26	0.39279888	0.345	0.162	4.66E-22	26	RAB3IP	Collecting duct
4.49E-22	0.39258522	0.405	0.221	1.51E-17	26	CITED2	Collecting duct
1.25E-27	0.39054129	0.444	0.226	4.22E-23	26	EFHD1	Collecting duct
7.38E-26	0.38993807	0.475	0.261	2.49E-21	26	ARHGAP29	Collecting duct
1.12E-90	0.38655596	0.673	0.222	3.76E-86	26	SLC12A1	Collecting duct
2.21E-37	0.38250834	0.921	0.6	7.46E-33	26	FXYD2	Collecting duct

7.96E-28	0.38242459	0.351	0.16	2.68E-23	26	TGIF1	Collecting duct
8.73E-26	0.37947823	0.374	0.184	2.94E-21	26	PLSCR1	Collecting duct
1.80E-48	0.3780492	0.995	0.902	6.07E-44	26	PTMA	Collecting duct
5.95E-26	0.37456411	0.338	0.158	2.00E-21	26	NEDD9	Collecting duct
3.21E-27	0.37149347	0.266	0.107	1.08E-22	26	RNF144B	Collecting duct
8.86E-21	0.37096842	0.387	0.206	2.99E-16	26	IRF2BPL	Collecting duct
1.43E-24	0.36972735	0.577	0.335	4.82E-20	26	KRT18	Collecting duct
8.89E-27	0.36880042	0.874	0.672	2.99E-22	26	EIF1	Collecting duct
1.72E-39	0.36733175	0.275	0.092	5.81E-35	26	PPP1R1A	Collecting duct
7.10E-20	0.3645308	0.378	0.207	2.39E-15	26	EIF5A	Collecting duct
2.47E-26	0.36399146	0.572	0.323	8.31E-22	26	ARF6	Collecting duct
2.40E-25	0.3608246	0.944	0.742	8.08E-21	26	ATP1B1	Collecting duct
5.09E-24	0.36036504	0.291	0.13	1.72E-19	26	MFHAS1	Collecting duct
8.09E-30	0.35995278	0.383	0.172	2.73E-25	26	PTH1R	Collecting duct
2.00E-26	0.35706181	0.441	0.224	6.75E-22	26	BHLHE40	Collecting duct
3.51E-28	0.35491036	0.381	0.179	1.18E-23	26	CDKN1A	Collecting duct
7.39E-23	0.35249456	0.349	0.175	2.49E-18	26	CTTN	Collecting duct
1.56E-20	0.3491467	0.318	0.159	5.25E-16	26	PARD6B	Collecting duct
7.23E-30	0.34468805	0.309	0.122	2.44E-25	26	SFRP1	Collecting duct
1.16E-21	0.34402415	0.288	0.134	3.91E-17	26	TJP2	Collecting duct
3.48E-26	0.34341117	0.261	0.106	1.17E-21	26	ACTN1	Collecting duct
1.33E-24	0.34282438	0.723	0.462	4.49E-20	26	JUNB	Collecting duct
3.56E-20	0.34227489	0.809	0.595	1.20E-15	26	PPDPF	Collecting duct
1.96E-23	0.34111453	0.529	0.311	6.62E-19	26	YWHAH	Collecting duct
1.31E-33	0.33988765	0.545	0.272	4.42E-29	26	PIGR	Collecting duct
6.35E-21	0.3386474	0.552	0.344	2.14E-16	26	YBX3	Collecting duct
4.32E-34	0.33431685	0.252	0.087	1.46E-29	26	PRKX	Collecting duct
1.80E-12	0.33300989	0.277	0.157	6.07E-08	26	IRF1	Collecting duct
1.56E-20	0.33256938	0.572	0.354	5.24E-16	26	LDHA	Collecting duct
5.41E-19	0.33041014	0.448	0.263	1.82E-14	26	ARF4	Collecting duct
9.38E-23	0.32808965	0.322	0.154	3.16E-18	26	SUMF2	Collecting duct
1.08E-21	0.32638525	0.518	0.305	3.63E-17	26	BCAM	Collecting duct
1.21E-73	0.32619891	0.617	0.223	4.07E-69	26	UMOD	Collecting duct
1.25E-22	0.32372567	0.748	0.501	4.21E-18	26	YBX1	Collecting duct
1.22E-20	0.32347075	0.363	0.188	4.11E-16	26	UMPD3-A	Collecting duct
1.58E-19	0.31901845	0.286	0.138	5.33E-15	26	VCL	Collecting duct
3.21E-16	0.31854277	0.631	0.44	1.08E-11	26	MYL12A	Collecting duct
1.83E-26	0.31553462	0.295	0.125	6.15E-22	26	PLEKHH2	Collecting duct
8.68E-22	0.31301115	0.41	0.218	2.93E-17	26	RHOBTB3	Collecting duct
1.85E-17	0.31253123	0.466	0.282	6.24E-13	26	IVNS1ABP	Collecting duct
8.20E-19	0.31052233	0.259	0.121	2.76E-14	26	SETD5	Collecting duct
2.13E-36	0.30932896	0.984	0.798	7.16E-32	26	TMSB10	Collecting duct
6.28E-23	0.30892523	0.383	0.193	2.12E-18	26	CPM	Collecting duct
2.98E-22	0.30612815	0.34	0.167	1.00E-17	26	LMO7	Collecting duct
1.39E-19	0.30612588	0.327	0.166	4.68E-15	26	DCDC2	Collecting duct
8.96E-20	0.30385946	0.448	0.262	3.02E-15	26	SF1	Collecting duct
8.42E-25	0.3033069	0.831	0.56	2.84E-20	26	CD9	Collecting duct
7.08E-15	0.298905	0.403	0.242	2.38E-10	26	PPP1R15A	Collecting duct

1.59E-17	0.29804107	0.644	0.438	5.37E-13	26	NPM1	Collecting duct
5.86E-16	0.29598117	0.635	0.447	1.98E-11	26	EIF4A2	Collecting duct
3.22E-18	0.29537134	0.601	0.403	1.09E-13	26	RBM39	Collecting duct
1.23E-15	0.29410359	0.295	0.16	4.13E-11	26	PPP1R10	Collecting duct
1.22E-18	0.29383238	0.448	0.268	4.11E-14	26	PTTG1IP	Collecting duct
9.97E-19	0.29173384	0.378	0.201	3.36E-14	26	RPS4Y1	Collecting duct
1.43E-16	0.29112772	0.295	0.155	4.82E-12	26	KRAS	Collecting duct
1.74E-19	0.29043243	0.486	0.293	5.85E-15	26	DYNLT1	Collecting duct
1.66E-20	0.2884321	0.59	0.364	5.60E-16	26	SPINT2	Collecting duct
8.10E-16	0.28608406	0.691	0.496	2.73E-11	26	HNRNPA1	Collecting duct
3.78E-18	0.28355673	0.441	0.261	1.27E-13	26	UBE2B	Collecting duct
3.91E-17	0.28209982	0.507	0.318	1.32E-12	26	SQSTM1	Collecting duct
1.59E-18	0.28168492	0.363	0.194	5.36E-14	26	IFRD1	Collecting duct
6.75E-23	0.28155168	0.266	0.114	2.27E-18	26	SCD5	Collecting duct
1.38E-18	0.28145446	0.457	0.269	4.64E-14	26	SYNE2	Collecting duct
1.98E-16	0.28081557	0.784	0.564	6.67E-12	26	HINT1	Collecting duct
1.00E-13	0.28054913	0.291	0.161	3.38E-09	26	H1F0	Collecting duct
8.01E-13	0.2793	0.351	0.217	2.70E-08	26	SRSF10	Collecting duct
1.72E-17	0.27654887	0.268	0.131	5.80E-13	26	MARCKSL1	Collecting duct
5.06E-14	0.27652916	0.372	0.224	1.71E-09	26	MAP1LC3E	Collecting duct
9.95E-17	0.27484092	0.64	0.429	3.35E-12	26	HMGN1	Collecting duct
6.92E-17	0.27355055	0.441	0.266	2.33E-12	26	EIF5	Collecting duct
3.91E-15	0.27248298	0.291	0.156	1.32E-10	26	SERTAD1	Collecting duct
9.23E-18	0.27127261	0.383	0.212	3.11E-13	26	PAX8	Collecting duct
1.80E-16	0.26864183	0.297	0.156	6.06E-12	26	UBE2E3	Collecting duct
1.99E-18	0.26834178	0.606	0.381	6.71E-14	26	ITGB1	Collecting duct
1.67E-16	0.26822659	0.752	0.518	5.62E-12	26	DYNLL1	Collecting duct
9.29E-18	0.26529929	0.259	0.124	3.13E-13	26	LBR	Collecting duct
1.69E-16	0.26507436	0.545	0.355	5.70E-12	26	CSTB	Collecting duct
2.28E-12	0.26340335	0.518	0.357	7.67E-08	26	CEBPD	Collecting duct
5.32E-14	0.26321045	0.444	0.285	1.79E-09	26	H2AFZ	Collecting duct
6.11E-18	0.26282148	0.457	0.265	2.06E-13	26	TFCP2L1	Collecting duct
3.62E-17	0.26054705	0.268	0.132	1.22E-12	26	CDV3	Collecting duct
1.17E-18	0.2596605	0.347	0.181	3.94E-14	26	ERRFI1	Collecting duct
3.61E-16	0.25771557	0.536	0.334	1.21E-11	26	MAL	Collecting duct
4.19E-17	0.25712338	0.268	0.132	1.41E-12	26	CPVL	Collecting duct
1.36E-14	0.25625797	0.694	0.502	4.58E-10	26	PEBP1	Collecting duct
1.59E-14	0.25490152	0.775	0.563	5.34E-10	26	S100A11	Collecting duct
6.74E-13	0.25466458	0.626	0.45	2.27E-08	26	HIST1H4C	Collecting duct
4.28E-16	0.25456899	0.27	0.136	1.44E-11	26	HEXIM1	Collecting duct
1.81E-13	0.25438582	0.381	0.233	6.10E-09	26	SFT2D1	Collecting duct
1.39E-18	0.25396084	0.351	0.185	4.67E-14	26	S100A16	Collecting duct
8.08E-13	0.25311136	0.408	0.261	2.72E-08	26	BRD2	Collecting duct
2.09E-17	0.25287624	0.293	0.147	7.06E-13	26	TFPI	Collecting duct
3.25E-13	0.25227885	0.396	0.251	1.09E-08	26	ANXA11	Collecting duct
3.30E-22	0.25011949	0.761	0.496	1.11E-17	26	ATP1A1	Collecting duct
0	3.12138778	0.987	0.043	0	27	PTGDS	Principal cells
0	2.71082065	0.992	0.076	0	27	PODXL	Principal cells

0	2.50948165	0.992	0.072	0	27	HTRA1	Principal cells
0	2.47571866	0.942	0.019	0	27	NPHS2	Principal cells
0	2.4501061	0.965	0.028	0	27	CLIC5	Principal cells
0	2.35229681	0.952	0.03	0	27	DCN	Principal cells
1.90E-163	2.23257312	0.813	0.313	##########	27	CXCL14	Principal cells
0	2.17099716	0.947	0.022	0	27	FGF1	Principal cells
0	2.15325655	0.985	0.284	0	27	IGFBP5	Principal cells
0	2.14322466	0.934	0.035	0	27	MME	Principal cells
0	2.0869176	0.916	0.021	0	27	PTPRO	Principal cells
0	2.08324437	0.952	0.084	0	27	AIF1	Principal cells
0	2.04616927	0.942	0.138	0	27	CTGF	Principal cells
0	2.01517079	0.889	0.014	0	27	11-550H2	Principal cells
0	1.95273373	0.972	0.093	0	27	EMCN	Principal cells
0	1.92072057	0.934	0.062	0	27	TGFBR3	Principal cells
0	1.86928538	0.884	0.035	0	27	SPOCK1	Principal cells
0	1.86813203	0.884	0.026	0	27	TNNT2	Principal cells
0	1.83425051	0.922	0.11	0	27	NPNT	Principal cells
0	1.8207133	0.949	0.128	0	27	VAMP5	Principal cells
0	1.81101616	0.808	0.015	0	27	PCOLCE2	Principal cells
0	1.78940588	0.825	0.032	0	27	TPPP3	Principal cells
0	1.78539068	0.891	0.028	0	27	PLA2R1	Principal cells
0	1.75523421	0.962	0.232	0	27	CRIM1	Principal cells
0	1.7410066	0.909	0.13	0	27	IGFBP2	Principal cells
0	1.71475801	0.906	0.142	0	27	BST2	Principal cells
0	1.71216604	0.825	0.047	0	27	TMEM150(	Principal cells
0	1.7086206	0.881	0.085	0	27	ZDHHC6	Principal cells
0	1.70257429	0.932	0.174	0	27	TJP1	Principal cells
0	1.6821381	0.944	0.17	0	27	MYL9	Principal cells
4.90E-226	1.61540783	1	0.807	##########	27	TMSB4X	Principal cells
0	1.56595148	0.813	0.035	0	27	SPOCK2	Principal cells
0	1.5322868	0.884	0.148	0	27	VEGFA	Principal cells
0	1.53177462	0.754	0.019	0	27	APOD	Principal cells
0	1.50405132	0.929	0.208	0	27	MYH9	Principal cells
0	1.50120123	0.911	0.163	0	27	TGFBR2	Principal cells
0	1.49550794	0.858	0.123	0	27	CDKN1C	Principal cells
0	1.4854914	0.749	0.013	0	27	NDNF	Principal cells
0	1.4795184	0.777	0.015	0	27	WT1	Principal cells
0	1.4730618	0.911	0.097	0	27	SLC9A3R2	Principal cells
0	1.4511156	0.967	0.182	0	27	SPARC	Principal cells
0	1.44700678	0.866	0.095	0	27	TPM2	Principal cells
0	1.43920515	0.797	0.063	0	27	SEMA5A	Principal cells
0	1.43164121	0.785	0.055	0	27	ENPEP	Principal cells
0	1.43113951	0.765	0.041	0	27	PDLIM2	Principal cells
0	1.39453467	0.884	0.183	0	27	RARRES2	Principal cells
0	1.39322344	0.757	0.023	0	27	SOST	Principal cells
0	1.39186981	0.643	0.011	0	27	CLDN11	Principal cells
0	1.36788214	0.754	0.067	0	27	CDC42EP3	Principal cells
0	1.36662861	0.805	0.068	0	27	PLAT	Principal cells

1.29E-280	1.36519094	0.866	0.189	#########	27	GOLIM4	Principal cells
0	1.36472092	0.787	0.049	0	27	SYNPO	Principal cells
0	1.35852354	0.734	0.081	0	27	SBSPON	Principal cells
0	1.35709858	0.843	0.116	0	27	PLPP1	Principal cells
0	1.35598376	0.792	0.071	0	27	NEBL	Principal cells
0	1.3538995	0.856	0.131	0	27	UACA	Principal cells
0	1.32917376	0.671	0.016	0	27	IGF1	Principal cells
0	1.31089474	0.742	0.062	0	27	IQGAP2	Principal cells
1.06E-248	1.30610533	0.975	0.298	#########	27	TIMP3	Principal cells
0	1.29439153	0.744	0.043	0	27	NES	Principal cells
3.09E-246	1.29053401	0.924	0.27	#########	27	ACTN4	Principal cells
8.11E-231	1.29025042	0.962	0.307	#########	27	LGALS1	Principal cells
0	1.28811738	0.762	0.061	0	27	SRGAP2C	Principal cells
0	1.27069194	0.704	0.034	0	27	CRHBP	Principal cells
0	1.24496435	0.701	0.043	0	27	ALS2CL	Principal cells
0	1.24097578	0.805	0.136	0	27	PLPP3	Principal cells
0	1.23868484	0.884	0.135	0	27	EPAS1	Principal cells
6.88E-199	1.23024689	0.99	0.456	#########	27	IFITM3	Principal cells
0	1.22843278	0.732	0.045	0	27	CLDN5	Principal cells
0	1.22622525	0.759	0.104	0	27	COL4A3	Principal cells
0	1.21892968	0.661	0.025	0	27	GAS1	Principal cells
0	1.21649394	0.666	0.026	0	27	F3	Principal cells
0	1.21503926	0.899	0.167	0	27	IFI27	Principal cells
0	1.21332546	0.762	0.094	0	27	MAFB	Principal cells
0	1.21327891	0.668	0.076	0	27	GMDS	Principal cells
3.69E-188	1.21169755	0.927	0.326	#########	27	ANXA2	Principal cells
0	1.19579007	0.727	0.083	0	27	FOXC1	Principal cells
0	1.19074836	0.633	0.01	0	27	CFAP45	Principal cells
0	1.18538612	0.658	0.047	0	27	DACH1	Principal cells
0	1.18404893	0.83	0.126	0	27	TIMP2	Principal cells
0	1.15787008	0.722	0.11	0	27	THSD7A	Principal cells
0	1.149085	0.716	0.101	0	27	EPB41L5	Principal cells
0	1.14228046	0.6	0.014	0	27	TCF21	Principal cells
0	1.12831043	0.603	0.017	0	27	RAMP1	Principal cells
0	1.1202167	0.641	0.04	0	27	LDB2	Principal cells
0	1.11452421	0.59	0.021	0	27	NFASC	Principal cells
0	1.0872399	0.613	0.024	0	27	EHD3	Principal cells
0	1.08182327	0.628	0.025	0	27	C14orf37	Principal cells
0	1.07661442	0.671	0.098	0	27	NQO1	Principal cells
0	1.07290939	0.547	0.01	0	27	TNNI1	Principal cells
2.87E-182	1.07192646	1	0.892	#########	27	B2M	Principal cells
2.30E-159	1.07030584	0.987	0.506	#########	27	HLA-B	Principal cells
6.30E-221	1.06130752	0.815	0.204	#########	27	RDX	Principal cells
3.83E-176	1.05236748	0.848	0.249	#########	27	S100A4	Principal cells
0	1.04858201	0.704	0.08	0	27	SH3BP5	Principal cells
3.22E-173	1.04356107	1	0.804	#########	27	ITM2B	Principal cells
0	1.03714303	0.648	0.058	0	27	FRY	Principal cells
1.09E-250	1.03360417	0.858	0.18	#########	27	MGP	Principal cells

0	1.02536555	0.613	0.031	0	27	F2R	Principal cells
0	1.01274055	0.562	0.019	0	27	FAM89A	Principal cells
0	1.01244942	0.658	0.052	0	27	PTPRD	Principal cells
0	1.01163603	0.61	0.048	0	27	ARHGEF3	Principal cells
5.63E-153	1.00995012	0.987	0.69	#########	27	CALM2	Principal cells
0	1.00733081	0.332	0.018	0	27	IL1RL1	Principal cells
0	1.00728008	0.716	0.095	0	27	TCF4	Principal cells
2.46E-203	1.00689914	0.899	0.259	#########	27	HIPK2	Principal cells
2.25E-154	1.00059443	0.894	0.349	#########	27	VAMP2	Principal cells
0	0.99661368	0.6	0.031	0	27	KDR	Principal cells
0	0.99302569	0.554	0.018	0	27	LRRC2	Principal cells
0	0.99193825	0.557	0.008	0	27	NPHS1	Principal cells
0	0.98596125	0.519	0.01	0	27	LINC00839	Principal cells
0	0.98398644	0.587	0.028	0	27	PTGER4	Principal cells
3.11E-143	0.9789025	0.858	0.302	#########	27	BCAM	Principal cells
0	0.9782017	0.58	0.019	0	27	SEMA3G	Principal cells
1.72E-177	0.97677646	0.896	0.277	#########	27	TSC22D3	Principal cells
6.74E-218	0.97181521	0.737	0.156	#########	27	SPRY1	Principal cells
3.58E-205	0.96618646	0.775	0.183	#########	27	PBX1	Principal cells
0	0.96413139	0.506	0.009	0	27	NTNG1	Principal cells
3.03E-293	0.96369162	0.701	0.112	#########	27	PALLD	Principal cells
2.15E-173	0.95897745	0.899	0.297	#########	27	CD81	Principal cells
0	0.95487507	0.572	0.036	0	27	PDGFRB	Principal cells
2.14E-151	0.95311976	0.924	0.341	#########	27	HLA-E	Principal cells
1.02E-204	0.95297519	0.906	0.244	#########	27	CALD1	Principal cells
0	0.94981634	0.605	0.065	0	27	MPP5	Principal cells
6.46E-212	0.9456108	0.739	0.158	#########	27	NUPR1	Principal cells
1.71E-247	0.944778	0.716	0.137	#########	27	PHACTR4	Principal cells
2.57E-273	0.94301824	0.752	0.134	#########	27	MYLK	Principal cells
1.16E-209	0.94234088	0.752	0.172	#########	27	Sep-19	Principal cells
0	0.94223872	0.625	0.064	0	27	SDPR	Principal cells
3.54E-151	0.9419832	0.904	0.301	#########	27	VIM	Principal cells
0	0.93610914	0.539	0.014	0	27	SULF1	Principal cells
0	0.93508127	0.694	0.087	0	27	RNASE1	Principal cells
1.71E-205	0.9266633	0.757	0.174	#########	27	SEC14L1	Principal cells
0	0.92245375	0.605	0.046	0	27	FRMD3	Principal cells
2.12E-187	0.91923415	0.722	0.178	#########	27	EIF3M	Principal cells
0	0.91636742	0.522	0.013	0	27	TYRO3	Principal cells
2.21E-256	0.90815819	0.777	0.148	#########	27	DPYSL2	Principal cells
0	0.9039304	0.618	0.081	0	27	TMEM98	Principal cells
6.44E-221	0.90148038	0.671	0.132	#########	27	PRKCI	Principal cells
0	0.89554032	0.678	0.096	0	27	MTSS1	Principal cells
9.27E-205	0.89412514	0.719	0.159	#########	27	SYNE1	Principal cells
0	0.89298994	0.63	0.077	0	27	ZEB2	Principal cells
0	0.89000377	0.547	0.036	0	27	ST3GAL6	Principal cells
2.02E-280	0.88931017	0.623	0.092	#########	27	TRIB2	Principal cells
0	0.88784177	0.554	0.051	0	27	SRGAP2B	Principal cells
4.86E-280	0.88767057	0.673	0.101	#########	27	A2M	Principal cells

0	0.8858106	0.537	0.04	0	27	RAMP3	Principal cells
0	0.88416048	0.57	0.059	0	27	FAM65A	Principal cells
0	0.8809178	0.476	0.007	0	27	PHYHIP	Principal cells
0	0.8796814	0.572	0.057	0	27	MEIS2	Principal cells
0	0.87146801	0.575	0.046	0	27	FLT1	Principal cells
0	0.87146329	0.62	0.068	0	27	RAMP2	Principal cells
4.82E-153	0.87142182	0.676	0.183	#########	27	VKORC1	Principal cells
6.08E-129	0.8647181	0.914	0.379	#########	27	ITGB1	Principal cells
6.07E-111	0.86429551	0.947	0.516	#########	27	DYNLL1	Principal cells
7.74E-142	0.86340158	0.881	0.306	#########	27	IFITM2	Principal cells
7.09E-150	0.86068543	0.676	0.188	#########	27	GTF2A2	Principal cells
0	0.85995909	0.582	0.056	0	27	CERS6	Principal cells
0	0.85910955	0.461	0.016	0	27	NECAB1	Principal cells
4.68E-137	0.85577666	0.825	0.285	#########	27	AHNAK	Principal cells
0	0.85154391	0.554	0.058	0	27	KLHL42	Principal cells
0	0.84882304	0.476	0.015	0	27	PARD6G	Principal cells
4.40E-204	0.84691626	0.656	0.133	#########	27	NDRG2	Principal cells
2.68E-180	0.84485026	0.785	0.207	#########	27	RBMS1	Principal cells
0	0.84331189	0.511	0.012	0	27	ARHGAP28	Principal cells
0	0.84029436	0.565	0.049	0	27	PTPRB	Principal cells
0	0.83619542	0.446	0.012	0	27	CRB2	Principal cells
9.43E-170	0.83226846	0.765	0.206	#########	27	ARHGEF12	Principal cells
7.39E-171	0.82484653	0.727	0.183	#########	27	DST	Principal cells
1.15E-208	0.81960582	0.347	0.038	#########	27	HPGD	Principal cells
2.74E-276	0.8191877	0.587	0.084	#########	27	CTDSPL	Principal cells
3.49E-161	0.81830231	0.805	0.229	#########	27	DAB2	Principal cells
0	0.81717754	0.509	0.055	0	27	CBLB	Principal cells
0	0.8144814	0.529	0.056	0	27	RERG	Principal cells
0	0.81381575	0.524	0.035	0	27	MGAT5	Principal cells
0	0.80919495	0.494	0.012	0	27	T6GALNAC	Principal cells
0	0.80897872	0.537	0.05	0	27	MAP1B	Principal cells
0	0.80788032	0.514	0.057	0	27	RNF220	Principal cells
1.30E-173	0.80672519	0.689	0.165	#########	27	FBXO21	Principal cells
2.93E-284	0.80096288	0.549	0.072	#########	27	KANK1	Principal cells
8.88E-143	0.80059998	0.795	0.246	#########	27	IL6ST	Principal cells
4.70E-114	0.79921986	0.959	0.479	#########	27	PSAP	Principal cells
0	0.79753985	0.476	0.019	0	27	OLFML2A	Principal cells
0	0.79675665	0.532	0.039	0	27	FYN	Principal cells
0	0.79584514	0.453	0.015	0	27	TSPAN2	Principal cells
7.76E-108	0.79501797	0.856	0.381	#########	27	EID1	Principal cells
1.98E-142	0.79477176	0.744	0.222	#########	27	SERINC1	Principal cells
0	0.79440199	0.342	0.023	0	27	ESM1	Principal cells
6.11E-268	0.79230932	0.565	0.079	#########	27	FLRT3	Principal cells
0	0.79228298	0.544	0.058	0	27	SERINC5	Principal cells
0	0.79134108	0.456	0.022	0	27	SNCA	Principal cells
2.27E-156	0.7851773	0.759	0.203	#########	27	GNG11	Principal cells
6.59E-240	0.78414525	0.587	0.095	#########	27	TNS3	Principal cells
0	0.78385715	0.456	0.02	0	27	MXRA8	Principal cells

0	0.7836355	0.405	0.006	0	27	DPP6	Principal cells
3.89E-173	0.78358614	0.678	0.155	#########	27	FAM134B	Principal cells
0	0.7830672	0.425	0.022	0	27	PLTP	Principal cells
0	0.78073188	0.478	0.036	0	27	PARD3B	Principal cells
8.97E-117	0.78009485	0.965	0.446	#########	27	CD74	Principal cells
0	0.77841233	0.527	0.039	0	27	SH3BGRL2	Principal cells
2.22E-120	0.77432522	0.828	0.302	#########	27	SPTBN1	Principal cells
0	0.77341855	0.433	0.006	0	27	WT1-AS	Principal cells
0	0.7697776	0.582	0.066	0	27	TNS2	Principal cells
0	0.76962453	0.471	0.032	0	27	FXYD1	Principal cells
5.90E-126	0.76943743	0.797	0.273	#########	27	LEPROT	Principal cells
0	0.76713453	0.304	0.011	0	27	CHI3L1	Principal cells
7.59E-97	0.76671989	0.927	0.458	2.56E-92	27	HLA-C	Principal cells
2.30E-101	0.764778	0.927	0.438	7.75E-97	27	MYL12A	Principal cells
7.16E-121	0.76167032	0.792	0.272	#########	27	CRIP2	Principal cells
0	0.75719054	0.501	0.048	0	27	ZNRF3	Principal cells
4.81E-248	0.75606994	0.549	0.081	#########	27	RRAS	Principal cells
7.54E-119	0.75552737	1	0.817	#########	27	S100A6	Principal cells
1.49E-204	0.75443868	0.691	0.138	#########	27	PTRF	Principal cells
5.03E-128	0.75139148	0.709	0.218	#########	27	SSB	Principal cells
2.75E-119	0.7501726	0.762	0.242	#########	27	TIMP1	Principal cells
1.49E-171	0.74642822	0.572	0.119	#########	27	BNIP3L	Principal cells
1.59E-98	0.74581436	0.911	0.434	5.34E-94	27	POMP	Principal cells
0	0.74108719	0.418	0.008	0	27	LOX	Principal cells
2.73E-114	0.73492266	0.803	0.287	#########	27	PABPN1	Principal cells
0	0.73389831	0.397	0.005	0	27	11-752D2.	Principal cells
0	0.73353435	0.511	0.053	0	27	EFNB2	Principal cells
0	0.73314264	0.468	0.032	0	27	MSRB3	Principal cells
0	0.73044769	0.428	0.024	0	27	PLCE1	Principal cells
0	0.72659807	0.473	0.048	0	27	RBMS3	Principal cells
3.69E-243	0.72558764	0.511	0.071	#########	27	TANC1	Principal cells
0	0.72542396	0.423	0.021	0	27	ITGA8	Principal cells
0	0.7248486	0.41	0.024	0	27	MAGI2	Principal cells
3.39E-255	0.72303071	0.6	0.089	#########	27	AP1S2	Principal cells
1.70E-168	0.7200493	0.577	0.122	#########	27	WASL	Principal cells
2.01E-117	0.72001879	0.82	0.298	#########	27	Sep-19	Principal cells
2.75E-180	0.71909238	0.549	0.104	#########	27	PDE4DIP	Principal cells
8.69E-189	0.71676103	0.625	0.121	#########	27	MEF2C	Principal cells
2.43E-110	0.71597457	0.663	0.202	#########	27	BEX5	Principal cells
9.96E-156	0.71449928	0.656	0.16	#########	27	PDLIM5	Principal cells
4.25E-197	0.71308514	0.534	0.092	#########	27	PTPN14	Principal cells
0	0.71192343	0.433	0.037	0	27	RASL11B	Principal cells
7.50E-215	0.70858516	0.524	0.082	#########	27	MIB1	Principal cells
6.72E-307	0.70685726	0.481	0.051	#########	27	ARRDC2	Principal cells
2.29E-130	0.70660467	0.638	0.176	#########	27	WASF2	Principal cells
2.23E-97	0.70540683	0.825	0.346	7.52E-93	27	GABARAPL	Principal cells
3.70E-81	0.70505086	0.853	0.402	1.25E-76	27	TSC22D1	Principal cells
2.87E-234	0.70467781	0.554	0.084	#########	27	PEA15	Principal cells

0	0.7020076	0.281	0.007	0	27	IL13RA2	Principal cells
0	0.68960861	0.392	0.005	0	27	FMN2	Principal cells
0	0.68899385	0.395	0.032	0	27	GJA1	Principal cells
4.60E-238	0.68538437	0.562	0.082	#########	27	EGFL7	Principal cells
1.07E-88	0.68364657	0.962	0.574	3.61E-84	27	TCEB2	Principal cells
2.52E-161	0.68276728	0.537	0.107	#########	27	PHACTR2	Principal cells
2.59E-151	0.68186264	0.597	0.138	#########	27	SERINC3	Principal cells
2.17E-88	0.68068474	0.982	0.631	7.33E-84	27	MYL6	Principal cells
1.46E-247	0.68057513	0.473	0.06	#########	27	PAK1	Principal cells
1.12E-123	0.67542275	0.691	0.202	#########	27	ITGAV	Principal cells
2.83E-138	0.6750911	0.562	0.13	#########	27	RNF145	Principal cells
1.02E-263	0.67492121	0.527	0.067	#########	27	ENG	Principal cells
6.71E-144	0.67275719	0.537	0.118	#########	27	MYLIP	Principal cells
2.19E-147	0.67176396	0.635	0.155	#########	27	NEDD9	Principal cells
1.05E-117	0.67136792	0.671	0.202	#########	27	CAPN2	Principal cells
8.58E-149	0.66815332	0.63	0.154	#########	27	TLN1	Principal cells
2.08E-182	0.66648456	0.559	0.101	#########	27	IGFBP4	Principal cells
2.72E-107	0.66644824	0.684	0.219	#########	27	CITED2	Principal cells
1.46E-249	0.66591172	0.524	0.07	#########	27	TMEM178A	Principal cells
2.00E-236	0.66522912	0.453	0.058	#########	27	LGALS8	Principal cells
1.59E-240	0.66469555	0.415	0.047	#########	27	ITIH5	Principal cells
0	0.66215048	0.357	0.005	0	27	PTPRQ	Principal cells
0	0.65868986	0.413	0.019	0	27	SLC14A1	Principal cells
0	0.65866015	0.425	0.036	0	27	EXPH5	Principal cells
3.82E-123	0.65715916	0.587	0.154	#########	27	SDC2	Principal cells
5.96E-104	0.65492185	0.716	0.248	2.01E-99	27	CAST	Principal cells
3.54E-215	0.65248888	0.509	0.078	#########	27	CCDC91	Principal cells
0	0.6523164	0.354	0.005	0	27	MRGPRF	Principal cells
1.63E-171	0.6522531	0.491	0.087	#########	27	SEMA3B	Principal cells
2.17E-263	0.65195917	0.423	0.045	#########	27	DLC1	Principal cells
0	0.65188075	0.339	0.004	0	27	FAM180A	Principal cells
4.02E-264	0.64986128	0.463	0.052	#########	27	GIMAP7	Principal cells
2.68E-88	0.64976016	0.949	0.494	9.05E-84	27	NUCKS1	Principal cells
4.42E-204	0.64959466	0.499	0.077	#########	27	FSTL1	Principal cells
6.95E-135	0.644133	0.668	0.176	#########	27	ETS2	Principal cells
1.98E-226	0.64310627	0.441	0.057	#########	27	EVA1B	Principal cells
0	0.64209178	0.415	0.036	0	27	EBF1	Principal cells
9.39E-251	0.64179862	0.435	0.051	#########	27	TOM1L2	Principal cells
7.97E-261	0.63978711	0.425	0.047	#########	27	SLC17A5	Principal cells
0	0.63706746	0.4	0.033	0	27	TMEM204	Principal cells
3.22E-87	0.628663	0.737	0.288	1.08E-82	27	RABAC1	Principal cells
2.93E-97	0.62722964	0.803	0.304	9.89E-93	27	LINC00657	Principal cells
3.55E-183	0.62683116	0.451	0.07	#########	27	C1orf115	Principal cells
0	0.62434163	0.365	0.018	0	27	CDC14A	Principal cells
1.64E-183	0.62423802	0.554	0.102	#########	27	ABRACL	Principal cells
8.55E-241	0.62296804	0.438	0.051	#########	27	APOLD1	Principal cells
0	0.62285607	0.347	0.01	0	27	CCBE1	Principal cells
2.64E-160	0.62270372	0.514	0.099	#########	27	SLK	Principal cells

5.50E-163	0.62165871	0.557	0.114	#########	27	FERMT2	Principal cells
7.37E-74	0.62117426	0.947	0.589	2.48E-69	27	SKP1	Principal cells
0	0.6210168	0.4	0.019	0	27	PRKAR2B	Principal cells
1.13E-158	0.6181534	0.549	0.109	#########	27	ETS1	Principal cells
9.77E-130	0.61756791	0.58	0.144	#########	27	RFC1	Principal cells
0	0.61698276	0.367	0.028	0	27	SIRPA	Principal cells
2.36E-124	0.6155115	0.658	0.175	#########	27	FKBP5	Principal cells
1.65E-285	0.61471357	0.385	0.035	#########	27	FAM43A	Principal cells
4.97E-215	0.61346726	0.428	0.056	#########	27	SRGAP1	Principal cells
0	0.61344577	0.359	0.01	0	27	FRMD1	Principal cells
1.24E-107	0.61316791	0.668	0.204	#########	27	MAL2	Principal cells
2.53E-271	0.6115906	0.395	0.039	#########	27	USP46	Principal cells
2.77E-72	0.61091817	0.939	0.537	9.33E-68	27	NGFRAP1	Principal cells
1.77E-205	0.61025769	0.471	0.066	#########	27	GMFG	Principal cells
3.66E-82	0.60837252	0.924	0.447	1.23E-77	27	CALM1	Principal cells
1.23E-199	0.60770141	0.441	0.06	#########	27	PECAM1	Principal cells
8.88E-125	0.60699313	0.575	0.146	#########	27	TMOD3	Principal cells
6.80E-263	0.60655313	0.433	0.047	#########	27	LIMS2	Principal cells
2.01E-92	0.60402658	0.585	0.18	6.78E-88	27	ITGB8	Principal cells
5.28E-105	0.60362531	0.587	0.17	#########	27	PCMTD1	Principal cells
6.11E-248	0.60282034	0.433	0.049	#########	27	LHFP	Principal cells
6.26E-107	0.60158293	0.673	0.213	#########	27	MACF1	Principal cells
4.76E-95	0.59972324	0.686	0.235	1.60E-90	27	BEX4	Principal cells
0	0.59912359	0.322	0.004	0	27	DDN	Principal cells
4.57E-113	0.59826162	0.615	0.175	#########	27	PAM	Principal cells
6.81E-263	0.59816662	0.41	0.043	#########	27	NDN	Principal cells
1.22E-132	0.59757575	0.468	0.097	#########	27	GULP1	Principal cells
8.25E-78	0.59757006	0.851	0.392	2.78E-73	27	HMGN3	Principal cells
1.76E-186	0.59569969	0.519	0.087	#########	27	G0S2	Principal cells
1.27E-180	0.59550769	0.441	0.068	#########	27	SASH1	Principal cells
3.30E-215	0.59521854	0.403	0.049	#########	27	ZEB1	Principal cells
1.45E-217	0.59509733	0.387	0.046	#########	27	INF2	Principal cells
1.91E-124	0.59394282	0.491	0.111	#########	27	MYO1C	Principal cells
3.58E-158	0.59151698	0.549	0.112	#########	27	PCMTD2	Principal cells
4.12E-179	0.59130447	0.443	0.069	#########	27	RASSF8	Principal cells
6.07E-191	0.59050721	0.737	0.149	#########	27	ADGRF5	Principal cells
2.28E-144	0.58879387	0.529	0.111	#########	27	TMEM47	Principal cells
1.80E-87	0.58859143	0.805	0.32	6.06E-83	27	FKBP1A	Principal cells
2.11E-65	0.58837529	0.947	0.502	7.12E-61	27	HLA-A	Principal cells
2.19E-107	0.58796281	0.62	0.18	#########	27	STAT1	Principal cells
1.29E-292	0.58690001	0.42	0.04	#########	27	EFNB1	Principal cells
3.53E-182	0.58606586	0.473	0.077	#########	27	PMEPA1	Principal cells
3.25E-298	0.58550237	0.395	0.035	#########	27	RGS10	Principal cells
2.92E-266	0.58464312	0.4	0.04	#########	27	SDC3	Principal cells
1.84E-144	0.58450233	0.628	0.148	#########	27	EMP3	Principal cells
3.37E-89	0.58360288	0.759	0.293	1.13E-84	27	DYNLRB1	Principal cells
6.45E-115	0.58332599	0.567	0.151	#########	27	SPTAN1	Principal cells
4.19E-135	0.58276679	0.451	0.088	#########	27	TSPAN7	Principal cells

5.55E-105	0.58224852	0.509	0.13	#########	27	CCND1	Principal cells
1.46E-76	0.58131697	0.727	0.296	4.91E-72	27	BRK1	Principal cells
6.18E-179	0.58076122	0.473	0.078	#########	27	DHRS3	Principal cells
3.87E-273	0.57949216	0.408	0.041	#########	27	NPR1	Principal cells
6.03E-163	0.57924805	0.625	0.13	#########	27	TM4SF1	Principal cells
2.22E-89	0.57732357	0.77	0.296	7.49E-85	27	CSDE1	Principal cells
4.43E-103	0.57470261	0.625	0.189	1.49E-98	27	ADD3	Principal cells
0	0.57456146	0.327	0.01	0	27	BMP7	Principal cells
3.62E-181	0.57445702	0.471	0.076	#########	27	KANK2	Principal cells
0	0.57428888	0.347	0.014	0	27	WIPF3	Principal cells
1.85E-200	0.57300443	0.37	0.045	#########	27	TSHZ1	Principal cells
7.26E-112	0.57286077	0.511	0.128	#########	27	DNAJB9	Principal cells
1.11E-116	0.57269245	0.595	0.159	#########	27	QKI	Principal cells
0	0.57193897	0.319	0.008	0	27	ANKS1B	Principal cells
8.40E-155	0.5713282	0.473	0.088	#########	27	TMCO3	Principal cells
3.83E-60	0.57000909	0.929	0.542	1.29E-55	27	CD63	Principal cells
6.14E-78	0.56965323	0.886	0.406	2.07E-73	27	ANAPC16	Principal cells
8.16E-73	0.56822091	0.656	0.25	2.75E-68	27	CD151	Principal cells
1.81E-84	0.56692229	0.711	0.267	6.09E-80	27	PSMB1	Principal cells
1.61E-83	0.56548063	0.81	0.335	5.41E-79	27	SEPP1	Principal cells
0	0.56402611	0.344	0.023	0	27	FAM101B	Principal cells
4.62E-74	0.56321886	0.825	0.366	1.56E-69	27	CNN3	Principal cells
1.52E-91	0.56309223	0.663	0.226	5.14E-87	27	CNBP	Principal cells
6.39E-138	0.56275226	0.478	0.098	#########	27	TSPAN4	Principal cells
3.61E-174	0.5620884	0.415	0.063	#########	27	APBB2	Principal cells
2.68E-172	0.56196963	0.365	0.049	#########	27	DOCK5	Principal cells
5.27E-125	0.56178013	0.506	0.118	#########	27	IP6K2	Principal cells
0	0.56076892	0.304	0.004	0	27	KLK7	Principal cells
1.04E-119	0.56070097	0.496	0.117	#########	27	PVRL2	Principal cells
5.98E-65	0.55992609	0.881	0.455	2.02E-60	27	OAZ1	Principal cells
1.27E-126	0.55909207	0.537	0.126	#########	27	GNAI2	Principal cells
4.81E-291	0.55881164	0.382	0.034	#########	27	SRGAP2	Principal cells
0	0.55698961	0.314	0.014	0	27	ARHGEF26	Principal cells
0	0.55690262	0.352	0.017	0	27	CA10	Principal cells
3.68E-72	0.55318433	0.777	0.334	1.24E-67	27	C4orf3	Principal cells
0	0.55310692	0.314	0.014	0	27	IL1RAP	Principal cells
2.19E-107	0.55186536	0.689	0.214	#########	27	GSN	Principal cells
3.36E-116	0.5518522	0.418	0.088	#########	27	P3H2	Principal cells
4.97E-165	0.55030518	0.481	0.084	#########	27	FNBP1	Principal cells
2.99E-89	0.55027528	0.625	0.204	1.01E-84	27	LENG8	Principal cells
6.12E-83	0.54558857	0.709	0.259	2.06E-78	27	ARHGAP29	Principal cells
0	0.54487287	0.311	0.012	0	27	PHACTR3	Principal cells
3.67E-85	0.54347636	0.724	0.239	1.24E-80	27	XIST	Principal cells
7.25E-91	0.54227343	0.58	0.181	2.44E-86	27	NFIC	Principal cells
0	0.5421576	0.329	0.014	0	27	HECW2	Principal cells
4.73E-192	0.54143772	0.362	0.045	#########	27	HSPA12A	Principal cells
2.55E-97	0.54093781	0.633	0.196	8.59E-93	27	KLF9	Principal cells
4.44E-83	0.54081118	0.582	0.195	1.50E-78	27	H2AFJ	Principal cells

2.35E-120	0.53963626	0.646	0.17	#########	27	PTH1R	Principal cells
3.43E-70	0.53866169	0.98	0.655	1.16E-65	27	H3F3B	Principal cells
2.46E-63	0.5381082	0.896	0.465	8.28E-59	27	SUMO2	Principal cells
3.06E-153	0.53748662	0.476	0.086	#########	27	SLC7A8	Principal cells
7.40E-84	0.53175278	0.663	0.23	2.49E-79	27	STMN1	Principal cells
7.21E-114	0.53158958	0.476	0.11	#########	27	BMPR2	Principal cells
3.21E-178	0.52983125	0.385	0.053	#########	27	AFAP1L2	Principal cells
1.12E-69	0.52959923	0.757	0.319	3.78E-65	27	TRMT112	Principal cells
5.16E-230	0.52911889	0.352	0.036	#########	27	TBX3	Principal cells
7.52E-137	0.52829746	0.395	0.07	#########	27	TCEAL2	Principal cells
1.03E-94	0.52774821	0.496	0.134	3.47E-90	27	PLA2G16	Principal cells
6.51E-47	0.52772376	0.841	0.448	2.19E-42	27	HIST1H4C	Principal cells
6.68E-69	0.52683005	0.886	0.424	2.25E-64	27	CCNI	Principal cells
2.68E-69	0.52669997	0.696	0.286	9.05E-65	27	C12orf57	Principal cells
0	0.52531233	0.296	0.015	0	27	KLK6	Principal cells
2.01E-241	0.52450413	0.365	0.036	#########	27	TMTC1	Principal cells
1.44E-137	0.52225618	0.496	0.1	#########	27	MAF	Principal cells
3.82E-73	0.52128512	0.77	0.322	1.29E-68	27	ARF6	Principal cells
4.19E-62	0.51918569	0.79	0.373	1.41E-57	27	ERH	Principal cells
3.85E-290	0.51914331	0.357	0.03	#########	27	TCF7L1	Principal cells
0	0.51868734	0.289	0.006	0	27	VSIG8	Principal cells
8.34E-86	0.5184151	0.696	0.243	2.81E-81	27	SPATS2L	Principal cells
1.71E-64	0.51806576	0.982	0.675	5.77E-60	27	H3F3A	Principal cells
3.84E-147	0.51481815	0.423	0.074	#########	27	DCBLD2	Principal cells
2.13E-117	0.51460924	0.486	0.111	#########	27	NRP1	Principal cells
1.03E-60	0.51431533	0.992	0.704	3.45E-56	27	IGFBP7	Principal cells
2.33E-127	0.51313354	0.476	0.102	#########	27	O538757.	Principal cells
1.49E-164	0.51085453	0.494	0.085	#########	27	BGN	Principal cells
1.34E-235	0.51022016	0.37	0.039	#########	27	T6GALNAC	Principal cells
5.63E-104	0.51008334	0.441	0.104	1.90E-99	27	MXD4	Principal cells
1.22E-182	0.50945546	0.4	0.056	#########	27	MYO1E	Principal cells
5.25E-100	0.50923555	0.501	0.132	1.77E-95	27	AP3S1	Principal cells
2.98E-58	0.5073949	0.861	0.432	1.00E-53	27	ATP6V1G1	Principal cells
7.05E-195	0.50447349	0.362	0.043	#########	27	GIMAP4	Principal cells
1.28E-196	0.50404343	0.359	0.043	#########	27	LIX1L	Principal cells
2.06E-101	0.50372054	0.496	0.126	6.95E-97	27	UTRN	Principal cells
7.26E-84	0.503565	0.704	0.253	2.44E-79	27	PTMS	Principal cells
1.27E-90	0.50299968	0.633	0.207	4.26E-86	27	KIF5B	Principal cells
2.02E-111	0.50252978	0.413	0.087	#########	27	FGFR1	Principal cells
1.99E-58	0.50226032	0.904	0.48	6.70E-54	27	RAC1	Principal cells
3.22E-199	0.50200241	0.329	0.036	#########	27	C1R	Principal cells
4.60E-140	0.50179956	0.408	0.071	#########	27	NOTCH2	Principal cells
1.73E-81	0.50037118	0.59	0.199	5.84E-77	27	NFE2L1	Principal cells
3.39E-241	0.50031055	0.327	0.029	#########	27	NRGN	Principal cells
2.30E-111	0.49964513	0.676	0.193	#########	27	THBS1	Principal cells
9.89E-50	0.49926523	0.873	0.463	3.33E-45	27	MYL12B	Principal cells
0	0.49921837	0.253	0.01	0	27	11-251M1	Principal cells
4.03E-98	0.4985906	0.572	0.166	1.36E-93	27	TCEAL3	Principal cells

3.49E-221	0.4983985	0.291	0.025	#########	27	FCN3	Principal cells
5.57E-132	0.4983321	0.413	0.078	#########	27	PARVA	Principal cells
9.76E-72	0.49823877	0.62	0.232	3.29E-67	27	MRFAP1	Principal cells
1.92E-267	0.49801444	0.314	0.025	#########	27	RGL1	Principal cells
1.37E-104	0.49726584	0.438	0.102	#########	27	ATXN10	Principal cells
2.36E-120	0.49605964	0.403	0.079	#########	27	DAG1	Principal cells
7.81E-103	0.49234733	0.468	0.116	2.63E-98	27	C9orf3	Principal cells
3.07E-111	0.49218302	0.405	0.085	#########	27	ANO6	Principal cells
9.86E-100	0.49187368	0.435	0.103	3.32E-95	27	PSMB9	Principal cells
9.47E-149	0.49169446	0.428	0.075	#########	27	KLF7	Principal cells
4.84E-89	0.49065743	1	0.902	1.63E-84	27	PTMA	Principal cells
3.86E-86	0.48991049	0.544	0.166	1.30E-81	27	PAWR	Principal cells
1.94E-70	0.48984478	0.846	0.371	6.53E-66	27	ARGLU1	Principal cells
3.74E-161	0.48962921	0.38	0.056	#########	27	TM4SF18	Principal cells
6.23E-113	0.48872127	0.522	0.129	#########	27	PSIP1	Principal cells
1.52E-58	0.48840057	0.982	0.636	5.14E-54	27	HMGB1	Principal cells
3.39E-84	0.48824548	0.592	0.193	1.14E-79	27	PURA	Principal cells
1.04E-101	0.48695423	0.504	0.129	3.49E-97	27	MARCKSL1	Principal cells
3.18E-57	0.48601604	0.818	0.388	1.07E-52	27	NEDD8	Principal cells
0	0.48478599	0.253	0.003	0	27	CR1	Principal cells
2.15E-102	0.48458398	0.562	0.154	7.24E-98	27	PTPRG	Principal cells
3.33E-94	0.48414514	0.522	0.145	1.12E-89	27	HIPK3	Principal cells
7.91E-86	0.4837728	0.506	0.15	2.67E-81	27	C1orf122	Principal cells
4.34E-121	0.48317991	0.466	0.101	#########	27	SPATA13	Principal cells
3.41E-85	0.48294656	0.592	0.191	1.15E-80	27	ARMCX3	Principal cells
1.44E-57	0.48250511	0.792	0.383	4.85E-53	27	RBX1	Principal cells
1.04E-57	0.48204973	0.709	0.313	3.51E-53	27	PARK7	Principal cells
5.96E-71	0.48113201	0.722	0.287	2.01E-66	27	PRMT2	Principal cells
2.42E-119	0.48081216	0.377	0.071	#########	27	SGCB	Principal cells
1.38E-86	0.48040252	0.552	0.168	4.65E-82	27	TMEM245	Principal cells
2.03E-213	0.47969193	0.367	0.04	#########	27	CD34	Principal cells
2.77E-109	0.4795259	0.413	0.088	#########	27	TEAD1	Principal cells
1.00E-103	0.47921402	0.509	0.13	3.37E-99	27	ITGA3	Principal cells
6.34E-106	0.47752301	0.532	0.139	#########	27	PCYOX1	Principal cells
2.39E-81	0.47631542	0.524	0.162	8.04E-77	27	TMEM14A	Principal cells
2.44E-90	0.47598204	0.458	0.122	8.21E-86	27	PRMT1	Principal cells
2.73E-69	0.47532473	0.699	0.277	9.19E-65	27	TMEM50A	Principal cells
2.50E-80	0.47478731	0.575	0.187	8.41E-76	27	CD47	Principal cells
3.76E-137	0.47452768	0.286	0.038	#########	27	C1S	Principal cells
4.99E-70	0.47354912	0.481	0.155	1.68E-65	27	PCMT1	Principal cells
1.40E-77	0.47333574	0.623	0.216	4.71E-73	27	RBPMS	Principal cells
2.46E-124	0.47318998	0.443	0.09	#########	27	CSRP1	Principal cells
3.70E-56	0.47151926	0.691	0.307	1.25E-51	27	DAD1	Principal cells
3.47E-121	0.47116761	0.413	0.082	#########	27	COL4A4	Principal cells
2.38E-161	0.47105587	0.327	0.043	#########	27	TXNRD2	Principal cells
3.58E-219	0.47049258	0.385	0.044	#########	27	MTHFD2	Principal cells
2.41E-77	0.46935771	0.851	0.346	8.12E-73	27	PDK4	Principal cells
2.02E-62	0.46793608	0.747	0.326	6.82E-58	27	NAA38	Principal cells

7.25E-52	0.46761141	0.944	0.564	2.44E-47	27	MORF4L1	Principal cells
4.06E-94	0.46734307	0.62	0.18	1.37E-89	27	KLF2	Principal cells
6.25E-90	0.46660698	0.722	0.249	2.11E-85	27	CPEB4	Principal cells
1.92E-54	0.46638291	0.709	0.324	6.47E-50	27	SEC61B	Principal cells
1.33E-48	0.46627321	0.927	0.564	4.48E-44	27	CIRBP	Principal cells
1.46E-83	0.46615233	0.481	0.137	4.92E-79	27	CD99	Principal cells
5.36E-56	0.46612942	0.858	0.43	1.81E-51	27	NCL	Principal cells
3.16E-129	0.46568881	0.395	0.072	#########	27	SLC48A1	Principal cells
2.87E-222	0.46567805	0.337	0.034	#########	27	LMO2	Principal cells
3.56E-97	0.46471406	0.438	0.106	1.20E-92	27	PTPN12	Principal cells
7.77E-91	0.46455266	0.458	0.119	2.62E-86	27	LAMB2	Principal cells
8.92E-73	0.46444117	0.772	0.308	3.01E-68	27	NFKBIA	Principal cells
0	0.46270383	0.258	0.005	0	27	11-180C1(	Principal cells
1.76E-84	0.46203591	0.557	0.173	5.94E-80	27	PJA2	Principal cells
8.49E-173	0.46155423	0.294	0.033	#########	27	DOCK4	Principal cells
1.89E-76	0.46143641	0.646	0.233	6.37E-72	27	MPHOSPH8	Principal cells
2.08E-163	0.46142025	0.294	0.034	#########	27	LTBP4	Principal cells
3.02E-76	0.45940285	0.641	0.228	1.02E-71	27	CHURC1	Principal cells
1.38E-110	0.45939004	0.395	0.081	#########	27	MAST4	Principal cells
4.35E-128	0.45901404	0.385	0.069	#########	27	RAI14	Principal cells
2.40E-102	0.45834477	0.506	0.128	8.07E-98	27	MYO1B	Principal cells
1.75E-51	0.45785896	0.77	0.363	5.89E-47	27	SPINT2	Principal cells
1.33E-62	0.45723378	0.729	0.312	4.49E-58	27	SRP9	Principal cells
3.58E-124	0.45624619	0.385	0.071	#########	27	ITGB5	Principal cells
4.24E-47	0.45502204	0.891	0.479	1.43E-42	27	PFN1	Principal cells
1.20E-62	0.45421404	0.633	0.252	4.05E-58	27	RHEB	Principal cells
2.55E-72	0.45287499	0.57	0.198	8.59E-68	27	SBDS	Principal cells
5.78E-74	0.45219199	0.494	0.156	1.95E-69	27	CLTB	Principal cells
2.64E-103	0.45141824	0.433	0.101	8.90E-99	27	SORT1	Principal cells
6.13E-253	0.45138089	0.296	0.023	#########	27	RAPGEF4	Principal cells
1.31E-123	0.45133658	0.387	0.071	#########	27	ITGA1	Principal cells
4.12E-89	0.45090568	0.486	0.132	1.39E-84	27	CARHSP1	Principal cells
1.42E-117	0.45086758	0.542	0.128	#########	27	HLA-DRB5	Principal cells
1.00E-75	0.45031291	0.557	0.183	3.38E-71	27	GNAQ	Principal cells
4.12E-75	0.449887	0.577	0.193	1.39E-70	27	CEBPB	Principal cells
1.07E-85	0.44946396	0.514	0.147	3.60E-81	27	LY6E	Principal cells
9.93E-268	0.44882852	0.299	0.022	#########	27	TEK	Principal cells
1.39E-47	0.44821728	0.954	0.643	4.68E-43	27	ACTG1	Principal cells
5.43E-150	0.44720066	0.357	0.053	#########	27	BAIAP2	Principal cells
1.30E-49	0.4459548	0.858	0.442	4.38E-45	27	RPL36AL	Principal cells
1.31E-91	0.44537618	0.415	0.1	4.41E-87	27	GAS6	Principal cells
2.14E-133	0.44477648	0.332	0.051	#########	27	ARHGEF17	Principal cells
1.41E-64	0.44365001	0.658	0.262	4.75E-60	27	BLOC1S1	Principal cells
6.60E-101	0.44354868	0.372	0.078	2.22E-96	27	CKAP4	Principal cells
1.96E-143	0.44335184	0.359	0.055	#########	27	NR2F1	Principal cells
3.99E-134	0.44222475	0.334	0.052	#########	27	SULF2	Principal cells
6.96E-51	0.44134637	0.873	0.463	2.35E-46	27	WBP5	Principal cells
8.93E-130	0.44080376	0.38	0.067	#########	27	GSTA4	Principal cells

4.15E-74	0.44074989	0.722	0.276	1.40E-69	27	LUC7L3	Principal cells
5.17E-55	0.43962323	0.653	0.282	1.74E-50	27	COX7A2L	Principal cells
1.32E-91	0.4385701	0.511	0.141	4.44E-87	27	FAT1	Principal cells
5.63E-96	0.43853364	0.365	0.077	1.90E-91	27	ARRDC4	Principal cells
2.77E-103	0.43813713	0.357	0.07	9.34E-99	27	DAMTS9-A	Principal cells
1.17E-91	0.43743211	0.489	0.132	3.96E-87	27	SMAD5	Principal cells
4.69E-57	0.43702047	0.575	0.222	1.58E-52	27	GADD45A	Principal cells
1.39E-139	0.43670907	0.322	0.047	#########	27	STON2	Principal cells
2.83E-184	0.43567621	0.342	0.04	#########	27	ADGRL4	Principal cells
1.32E-61	0.43564106	0.62	0.246	4.46E-57	27	CHMP5	Principal cells
1.02E-89	0.43553347	0.382	0.089	3.43E-85	27	CALCOCO1	Principal cells
3.71E-75	0.43537962	0.516	0.164	1.25E-70	27	MED4	Principal cells
1.33E-65	0.43506438	0.775	0.329	4.50E-61	27	HP1BP3	Principal cells
6.13E-115	0.43461778	0.372	0.07	#########	27	CDKN1B	Principal cells
3.72E-180	0.43434848	0.299	0.032	#########	27	FRZB	Principal cells
1.29E-73	0.43392414	0.562	0.191	4.34E-69	27	SIVA1	Principal cells
2.11E-89	0.43377035	0.559	0.167	7.10E-85	27	RAD21	Principal cells
9.08E-56	0.43306903	0.775	0.353	3.06E-51	27	SNX3	Principal cells
3.27E-105	0.43304062	0.352	0.068	#########	27	NEK7	Principal cells
3.07E-53	0.43156854	0.818	0.389	1.03E-48	27	RHOA	Principal cells
2.75E-70	0.43143321	0.552	0.19	9.26E-66	27	TM2D1	Principal cells
1.09E-71	0.43090614	0.567	0.194	3.67E-67	27	IFI27L2	Principal cells
3.24E-139	0.4307895	0.309	0.044	#########	27	B4GAT1	Principal cells
3.88E-46	0.43046248	0.944	0.582	1.31E-41	27	SEC62	Principal cells
0	0.42947816	0.271	0.014	0	27	ARHGAP23	Principal cells
0	0.4288907	0.284	0.016	0	27	PRX	Principal cells
2.34E-45	0.42866567	0.871	0.467	7.89E-41	27	CFL1	Principal cells
2.96E-67	0.42865562	0.767	0.319	9.97E-63	27	HNRNPM	Principal cells
2.13E-94	0.4276696	0.395	0.089	7.19E-90	27	NR3C1	Principal cells
1.27E-296	0.42760702	0.268	0.016	#########	27	AMIGO2	Principal cells
0	0.42748152	0.266	0.007	0	27	F5	Principal cells
4.61E-44	0.42700061	0.942	0.597	1.55E-39	27	COX7A2	Principal cells
2.31E-97	0.42690157	0.433	0.103	7.80E-93	27	SSBP3	Principal cells
1.69E-93	0.42673939	0.428	0.103	5.69E-89	27	CCDC85B	Principal cells
9.39E-194	0.42581057	0.299	0.03	#########	27	MCC	Principal cells
1.18E-87	0.42537549	0.423	0.105	3.99E-83	27	ZNF503	Principal cells
1.15E-59	0.42533837	0.782	0.342	3.87E-55	27	YBX3	Principal cells
5.04E-116	0.42449424	0.327	0.056	#########	27	DSTYK	Principal cells
4.27E-89	0.42404574	0.337	0.072	1.44E-84	27	VASN	Principal cells
8.59E-230	0.42397321	0.291	0.025	#########	27	MRVI1	Principal cells
4.33E-77	0.42340981	0.484	0.145	1.46E-72	27	ERLEC1	Principal cells
5.65E-77	0.42334886	0.405	0.109	1.90E-72	27	WRB	Principal cells
4.77E-42	0.42263994	0.98	0.727	1.61E-37	27	SERF2	Principal cells
3.50E-89	0.42206659	0.403	0.097	1.18E-84	27	OPTN	Principal cells
8.35E-72	0.42176708	0.466	0.141	2.81E-67	27	H1FX	Principal cells
5.37E-101	0.42049694	0.316	0.059	1.81E-96	27	NAPEPLD	Principal cells
7.60E-66	0.42023003	0.61	0.227	2.56E-61	27	DEK	Principal cells
5.75E-75	0.42000665	0.456	0.133	1.94E-70	27	PIK3C2A	Principal cells

4.87E-46	0.41981863	0.886	0.49	1.64E-41	27	SEC61G	Principal cells
1.21E-70	0.41940821	0.585	0.196	4.08E-66	27	TPM4	Principal cells
3.64E-73	0.41852903	0.413	0.114	1.23E-68	27	LIFR	Principal cells
4.07E-121	0.41822284	0.362	0.064	#########	27	RABGAP1L	Principal cells
1.74E-52	0.4174442	0.987	0.643	5.86E-48	27	DSTN	Principal cells
3.56E-62	0.41711931	0.522	0.186	1.20E-57	27	RCN2	Principal cells
6.20E-85	0.41629767	0.38	0.09	2.09E-80	27	AMOTL2	Principal cells
5.41E-66	0.41539363	0.443	0.139	1.82E-61	27	ARL3	Principal cells
1.64E-57	0.41452197	0.494	0.179	5.54E-53	27	PSMB5	Principal cells
6.69E-162	0.41421508	0.261	0.028	#########	27	EDIL3	Principal cells
1.54E-112	0.41391311	0.461	0.101	#########	27	LBH	Principal cells
1.48E-72	0.41376029	0.481	0.15	5.00E-68	27	RNASEH2C	Principal cells
8.96E-51	0.41300212	0.808	0.387	3.02E-46	27	YWHAB	Principal cells
1.68E-121	0.41285113	0.309	0.048	#########	27	EMP2	Principal cells
2.78E-45	0.41114567	0.873	0.474	9.36E-41	27	APLP2	Principal cells
1.55E-67	0.41072485	0.499	0.165	5.21E-63	27	TBCB	Principal cells
8.25E-68	0.41002626	0.542	0.184	2.78E-63	27	S100A16	Principal cells
1.29E-94	0.40889024	0.284	0.051	4.36E-90	27	NLK	Principal cells
3.46E-55	0.40860781	0.8	0.374	1.17E-50	27	ATOX1	Principal cells
2.57E-152	0.40810692	0.319	0.042	#########	27	HEG1	Principal cells
1.13E-50	0.40775035	0.696	0.308	3.81E-46	27	SELM	Principal cells
2.86E-48	0.40725681	0.79	0.386	9.63E-44	27	PCBP1	Principal cells
3.99E-48	0.40691979	0.929	0.506	1.35E-43	27	DDX17	Principal cells
9.19E-106	0.40687479	0.316	0.055	#########	27	FN1	Principal cells
3.28E-59	0.40686223	0.686	0.286	1.10E-54	27	SRRM2	Principal cells
7.33E-112	0.40509114	0.37	0.071	#########	27	TNRC6C	Principal cells
9.04E-67	0.40377326	0.387	0.111	3.04E-62	27	TUSC3	Principal cells
1.47E-46	0.40364317	0.861	0.45	4.94E-42	27	HSP90B1	Principal cells
2.67E-117	0.40350197	0.281	0.042	#########	27	GALC	Principal cells
4.93E-55	0.4031299	0.572	0.228	1.66E-50	27	NDUFAF3	Principal cells
2.58E-78	0.40276125	0.473	0.138	8.69E-74	27	RAD23B	Principal cells
1.94E-70	0.40230193	0.473	0.148	6.54E-66	27	CYB5B	Principal cells
1.74E-153	0.40216087	0.324	0.043	#########	27	SLCO2A1	Principal cells
0	0.40206832	0.251	0.008	0	27	HS3ST3B1	Principal cells
1.60E-52	0.40177389	0.856	0.426	5.40E-48	27	SON	Principal cells
2.39E-129	0.40138866	0.311	0.046	#########	27	ICAM2	Principal cells
6.74E-38	0.40135051	0.919	0.554	2.27E-33	27	POLR2L	Principal cells
1.71E-74	0.40085518	0.648	0.23	5.78E-70	27	ARPC5	Principal cells
3.10E-42	0.40065352	0.8	0.408	1.05E-37	27	CYB5A	Principal cells
8.10E-72	0.39999388	0.686	0.249	2.73E-67	27	SGK1	Principal cells
8.87E-130	0.39979141	0.263	0.034	#########	27	WWC3	Principal cells
3.38E-67	0.39882287	0.423	0.126	1.14E-62	27	MUM1	Principal cells
6.46E-54	0.39862171	0.997	0.807	2.18E-49	27	ACTB	Principal cells
9.63E-58	0.39772392	0.582	0.227	3.25E-53	27	CAP1	Principal cells
4.34E-84	0.39754142	0.286	0.055	1.46E-79	27	ANKRD44	Principal cells
2.56E-111	0.39745149	0.347	0.064	#########	27	CAMSAP2	Principal cells
2.29E-60	0.39559573	0.463	0.156	7.73E-56	27	TRIM56	Principal cells
2.52E-66	0.3952285	0.448	0.14	8.50E-62	27	SERPINB6	Principal cells

3.64E-60	0.39510022	0.676	0.276	1.23E-55	27	TCEAL8	Principal cells
6.34E-174	0.39401304	0.271	0.028	#########	27	TMCC3	Principal cells
1.11E-107	0.39362942	0.329	0.059	#########	27	ZSWIM6	Principal cells
5.21E-54	0.39308515	0.694	0.302	1.76E-49	27	TMBIM4	Principal cells
1.24E-141	0.3922625	0.278	0.035	#########	27	FXYD6	Principal cells
6.53E-89	0.3912108	0.428	0.105	2.20E-84	27	PLEKHA2	Principal cells
2.04E-42	0.39119733	0.689	0.335	6.87E-38	27	PRDX6	Principal cells
3.83E-64	0.39083485	0.446	0.141	1.29E-59	27	TMEM30A	Principal cells
1.34E-134	0.39069957	0.284	0.038	#########	27	CLIP4	Principal cells
1.25E-61	0.3905442	0.478	0.163	4.20E-57	27	TMEM256	Principal cells
7.45E-119	0.39029853	0.278	0.041	#########	27	GRB10	Principal cells
4.06E-59	0.38974282	0.504	0.18	1.37E-54	27	CYB5R3	Principal cells
2.66E-199	0.3893436	0.278	0.026	#########	27	BTNL9	Principal cells
2.24E-82	0.38894878	0.327	0.072	7.54E-78	27	AKT3	Principal cells
1.28E-55	0.38793309	0.494	0.181	4.33E-51	27	RNF7	Principal cells
5.20E-59	0.38766575	0.724	0.305	1.75E-54	27	FIS1	Principal cells
9.09E-78	0.38729142	0.395	0.103	3.06E-73	27	TCEA2	Principal cells
1.18E-112	0.38726447	0.291	0.045	#########	27	PLAC9	Principal cells
5.43E-85	0.38713604	0.342	0.076	1.83E-80	27	APPBP2	Principal cells
3.43E-67	0.38691439	0.433	0.131	1.16E-62	27	FEZ2	Principal cells
5.40E-112	0.38680662	0.281	0.043	#########	27	NOTCH4	Principal cells
2.50E-59	0.38669075	0.615	0.241	8.44E-55	27	RAB7A	Principal cells
2.18E-133	0.38587827	0.273	0.035	#########	27	C10orf54	Principal cells
9.66E-163	0.38523595	0.251	0.025	#########	27	FAM167B	Principal cells
3.92E-65	0.38417652	0.443	0.137	1.32E-60	27	CXADR	Principal cells
9.44E-55	0.38318766	0.562	0.219	3.18E-50	27	BANF1	Principal cells
1.24E-64	0.38312805	0.628	0.236	4.19E-60	27	CTNND1	Principal cells
3.42E-52	0.38292769	0.565	0.227	1.15E-47	27	PAIP2	Principal cells
1.39E-47	0.38277169	0.787	0.38	4.69E-43	27	EIF4G2	Principal cells
1.84E-137	0.38240021	0.354	0.054	#########	27	PCAT19	Principal cells
2.83E-66	0.38231903	0.527	0.182	9.52E-62	27	NME3	Principal cells
2.21E-76	0.38225423	0.403	0.106	7.46E-72	27	BNIP2	Principal cells
1.10E-68	0.38162793	0.39	0.108	3.70E-64	27	PAPSS1	Principal cells
1.66E-136	0.38138532	0.299	0.041	#########	27	ST3GAL1	Principal cells
2.59E-95	0.38048289	0.334	0.066	8.73E-91	27	ADAMTS9	Principal cells
1.15E-56	0.37994247	0.42	0.137	3.87E-52	27	STX7	Principal cells
1.30E-91	0.37917136	0.314	0.061	4.37E-87	27	ESAM	Principal cells
2.41E-90	0.37842035	0.294	0.056	8.11E-86	27	RBMS2	Principal cells
5.92E-57	0.37825031	0.554	0.208	1.99E-52	27	BRI3	Principal cells
1.44E-60	0.3779039	0.554	0.203	4.85E-56	27	FCGRT	Principal cells
6.40E-49	0.37772664	0.628	0.274	2.16E-44	27	TGOLN2	Principal cells
1.02E-62	0.37770293	0.592	0.22	3.44E-58	27	YTHDC1	Principal cells
7.78E-60	0.37723484	0.443	0.143	2.62E-55	27	SLC44A1	Principal cells
1.27E-56	0.37706666	0.676	0.284	4.29E-52	27	RAB2A	Principal cells
4.80E-49	0.37690102	0.709	0.327	1.62E-44	27	C11orf58	Principal cells
6.04E-63	0.37660038	0.592	0.22	2.04E-58	27	ZFAND6	Principal cells
1.06E-84	0.37604494	0.311	0.065	3.58E-80	27	SUN2	Principal cells
6.86E-62	0.37570064	0.625	0.233	2.31E-57	27	APOE	Principal cells

7.80E-72	0.37548541	0.405	0.112	2.63E-67	27	SLC44A2	Principal cells
5.00E-42	0.37545335	0.866	0.448	1.69E-37	27	BTF3	Principal cells
4.87E-71	0.37451668	0.395	0.109	1.64E-66	27	CALU	Principal cells
7.92E-57	0.37411006	0.478	0.168	2.67E-52	27	DYNC1LI2	Principal cells
1.55E-85	0.37404967	0.428	0.109	5.21E-81	27	SEL1L	Principal cells
1.81E-84	0.37368708	0.377	0.089	6.08E-80	27	NPDC1	Principal cells
3.20E-49	0.37334086	0.803	0.38	1.08E-44	27	NAP1L1	Principal cells
1.58E-62	0.37327662	0.716	0.289	5.32E-58	27	GLUL	Principal cells
1.66E-57	0.3727526	0.461	0.158	5.59E-53	27	TMEM179I	Principal cells
3.49E-88	0.37239318	0.347	0.075	1.18E-83	27	HYAL2	Principal cells
1.41E-56	0.37217704	0.59	0.231	4.76E-52	27	PSMB6	Principal cells
1.41E-58	0.37216667	0.656	0.267	4.75E-54	27	RTF1	Principal cells
2.36E-78	0.37140557	0.377	0.094	7.95E-74	27	NRIP1	Principal cells
3.04E-110	0.37052603	0.268	0.041	#########	27	SMIM1	Principal cells
6.34E-63	0.37045504	0.441	0.14	2.14E-58	27	FNDC3B	Principal cells
2.87E-44	0.37029131	0.803	0.395	9.69E-40	27	NPC2	Principal cells
3.32E-53	0.36990944	0.557	0.219	1.12E-48	27	TMEM219	Principal cells
1.19E-78	0.36973128	0.719	0.248	4.01E-74	27	COX7A1	Principal cells
7.52E-58	0.36912575	0.719	0.299	2.53E-53	27	MSI2	Principal cells
2.78E-133	0.3688911	0.327	0.049	#########	27	C013461.	Principal cells
2.88E-125	0.36813055	0.281	0.039	#########	27	TMEM88	Principal cells
1.50E-52	0.36804174	0.734	0.327	5.05E-48	27	ARL6IP4	Principal cells
1.43E-168	0.36795933	0.271	0.028	#########	27	PLXND1	Principal cells
1.89E-57	0.36697148	0.395	0.125	6.37E-53	27	OAZ2	Principal cells
2.62E-70	0.36665237	0.435	0.128	8.82E-66	27	DYNLT3	Principal cells
8.07E-100	0.36591452	0.322	0.06	2.72E-95	27	ARNT	Principal cells
6.32E-54	0.36578514	0.59	0.235	2.13E-49	27	VPS29	Principal cells
8.67E-41	0.36572951	0.848	0.445	2.92E-36	27	EIF4A2	Principal cells
4.95E-69	0.36528628	0.42	0.122	1.67E-64	27	VGLL4	Principal cells
4.77E-50	0.36411385	0.554	0.225	1.61E-45	27	VDAC2	Principal cells
3.99E-69	0.36407489	0.309	0.074	1.35E-64	27	OSBPL1A	Principal cells
2.16E-53	0.36376523	0.425	0.145	7.29E-49	27	ABI2	Principal cells
6.32E-147	0.36319188	0.296	0.037	#########	27	MEG3	Principal cells
3.74E-53	0.36288081	0.62	0.251	1.26E-48	27	RBM3	Principal cells
1.42E-65	0.36234954	0.476	0.154	4.77E-61	27	RSF1	Principal cells
4.73E-76	0.36230487	0.41	0.107	1.59E-71	27	ARHGDIB	Principal cells
2.11E-112	0.36192274	0.868	0.301	#########	27	HLA-DRA	Principal cells
8.85E-44	0.36113807	0.392	0.142	2.98E-39	27	LIMCH1	Principal cells
1.74E-54	0.36110315	0.514	0.192	5.88E-50	27	WAC	Principal cells
5.11E-59	0.36023551	0.448	0.148	1.72E-54	27	KMT2A	Principal cells
7.56E-93	0.36014578	0.268	0.046	2.55E-88	27	C5orf56	Principal cells
5.03E-57	0.35984827	0.534	0.195	1.70E-52	27	DUSP23	Principal cells
1.38E-102	0.35952639	0.273	0.044	4.66E-98	27	LRP11	Principal cells
2.24E-52	0.35917634	0.722	0.323	7.54E-48	27	SELK	Principal cells
3.50E-116	0.35846769	0.258	0.035	#########	27	SERPINB9	Principal cells
3.35E-62	0.35821534	0.575	0.205	1.13E-57	27	PTBP3	Principal cells
3.88E-137	0.35817602	0.284	0.037	#########	27	IQSEC1	Principal cells
3.40E-45	0.35816485	0.719	0.337	1.15E-40	27	SAP18	Principal cells

2.72E-88	0.35784657	0.382	0.088	9.17E-84	27	EVL	Principal cells
8.50E-67	0.35765138	0.453	0.139	2.86E-62	27	CHPT1	Principal cells
6.51E-60	0.35746745	0.408	0.126	2.19E-55	27	TINAGL1	Principal cells
8.70E-40	0.35714866	0.83	0.447	2.93E-35	27	KTN1	Principal cells
1.39E-53	0.35694513	0.643	0.269	4.70E-49	27	TPM3	Principal cells
2.04E-92	0.35656297	0.322	0.064	6.87E-88	27	KAT7	Principal cells
3.81E-61	0.35643959	0.329	0.089	1.28E-56	27	SAV1	Principal cells
3.04E-53	0.35604528	0.539	0.209	1.03E-48	27	CAPZB	Principal cells
2.08E-62	0.35517208	0.387	0.115	7.02E-58	27	PPP1CC	Principal cells
1.20E-161	0.35474311	0.263	0.028	##########	27	COL3A1	Principal cells
3.96E-82	0.35428447	0.319	0.069	1.33E-77	27	ANKRD40	Principal cells
1.43E-86	0.35414668	0.367	0.083	4.81E-82	27	RNF38	Principal cells
1.71E-36	0.3538967	0.772	0.413	5.77E-32	27	TMEM258	Principal cells
1.92E-38	0.35361648	0.825	0.44	6.48E-34	27	SRSF5	Principal cells
7.04E-75	0.35360101	0.357	0.089	2.37E-70	27	HEBP1	Principal cells
2.07E-69	0.35317857	0.476	0.148	6.96E-65	27	ZBTB38	Principal cells
2.11E-65	0.35296567	0.542	0.185	7.11E-61	27	PLS3	Principal cells
2.30E-51	0.35275603	0.542	0.213	7.74E-47	27	PPP2CB	Principal cells
7.01E-82	0.3527131	0.294	0.06	2.36E-77	27	TACC2	Principal cells
1.17E-93	0.35234586	0.301	0.056	3.96E-89	27	ZADH2	Principal cells
2.12E-56	0.35201539	0.537	0.2	7.14E-52	27	LINC0142(	Principal cells
1.10E-55	0.35181841	0.387	0.123	3.72E-51	27	PLD3	Principal cells
3.01E-61	0.35150399	0.438	0.139	1.02E-56	27	SCARB2	Principal cells
3.08E-57	0.35087608	0.463	0.158	1.04E-52	27	ANKRD11	Principal cells
4.42E-53	0.35069551	0.4	0.133	1.49E-48	27	CAND1	Principal cells
3.70E-58	0.35052354	0.509	0.181	1.25E-53	27	ANP32B	Principal cells
8.24E-118	0.35044883	0.585	0.139	##########	27	SRGN	Principal cells
4.86E-60	0.35033804	0.458	0.15	1.64E-55	27	FBXL5	Principal cells
2.75E-96	0.3493315	0.304	0.056	9.28E-92	27	MDFIC	Principal cells
6.37E-54	0.34882856	0.514	0.191	2.14E-49	27	LGALS3BP	Principal cells
2.46E-55	0.3481432	0.641	0.264	8.30E-51	27	PPIG	Principal cells
1.99E-30	0.34766356	0.919	0.596	6.72E-26	27	PPIA	Principal cells
3.91E-46	0.34754789	0.63	0.275	1.32E-41	27	ANAPC11	Principal cells
2.35E-57	0.34639755	0.463	0.157	7.92E-53	27	LUC7L2	Principal cells
1.81E-44	0.34638016	0.562	0.24	6.10E-40	27	PSMB3	Principal cells
2.05E-74	0.3463639	0.377	0.094	6.92E-70	27	ITM2A	Principal cells
8.98E-64	0.34592541	0.395	0.116	3.03E-59	27	CALCOCO2	Principal cells
6.91E-72	0.3455086	0.362	0.093	2.33E-67	27	CTNNAL1	Principal cells
3.80E-92	0.34511457	0.405	0.093	1.28E-87	27	GPNMB	Principal cells
7.92E-72	0.34491114	0.405	0.111	2.67E-67	27	IFNGR1	Principal cells
1.66E-63	0.34472903	0.509	0.17	5.59E-59	27	YWHAG	Principal cells
3.18E-50	0.34442552	0.532	0.211	1.07E-45	27	ARF1	Principal cells
2.99E-41	0.34437084	0.699	0.329	1.01E-36	27	NDUFB8	Principal cells
5.73E-97	0.3443495	0.403	0.088	1.93E-92	27	FHL1	Principal cells
1.47E-60	0.34401153	0.329	0.089	4.95E-56	27	NCSTN	Principal cells
2.66E-32	0.34397613	0.838	0.468	8.97E-28	27	OST4	Principal cells
7.41E-56	0.34392033	0.511	0.186	2.50E-51	27	PICALM	Principal cells
2.95E-71	0.34359031	0.365	0.095	9.94E-67	27	ROCK2	Principal cells

8.43E-70	0.34311138	0.428	0.123	2.84E-65	27	ROCK1	Principal cells
3.65E-56	0.34286362	0.342	0.101	1.23E-51	27	TERF1	Principal cells
2.72E-59	0.34284902	0.463	0.154	9.17E-55	27	GOLGA4	Principal cells
6.20E-31	0.34264981	0.919	0.563	2.09E-26	27	HINT1	Principal cells
6.21E-48	0.34223875	0.509	0.201	2.09E-43	27	TMED9	Principal cells
3.13E-61	0.34092632	0.453	0.143	1.05E-56	27	RCAN1	Principal cells
1.02E-42	0.34083605	0.77	0.375	3.43E-38	27	MYEOV2	Principal cells
2.22E-52	0.34059916	0.468	0.169	7.47E-48	27	RERE	Principal cells
1.80E-48	0.34007026	0.671	0.293	6.05E-44	27	PDIA3	Principal cells
1.56E-54	0.33996983	0.463	0.163	5.27E-50	27	DCTN3	Principal cells
6.16E-68	0.33994296	0.441	0.132	2.08E-63	27	MAGT1	Principal cells
6.33E-69	0.33984013	0.395	0.109	2.13E-64	27	CREB3L2	Principal cells
2.02E-58	0.33969117	0.435	0.142	6.80E-54	27	RNF11	Principal cells
7.44E-64	0.33960194	0.438	0.137	2.51E-59	27	DGUOK	Principal cells
4.43E-85	0.33909028	0.271	0.051	1.49E-80	27	C6orf203	Principal cells
6.49E-32	0.33893356	0.896	0.552	2.19E-27	27	TOMM7	Principal cells
2.06E-39	0.33875138	0.833	0.434	6.93E-35	27	SUB1	Principal cells
1.44E-72	0.33851699	0.284	0.062	4.85E-68	27	TMEM11	Principal cells
1.08E-50	0.33850225	0.392	0.132	3.65E-46	27	NUCB1	Principal cells
9.00E-36	0.33846106	0.838	0.443	3.03E-31	27	PRDX1	Principal cells
8.02E-49	0.3384382	0.311	0.095	2.70E-44	27	ETHE1	Principal cells
3.62E-113	0.33795438	0.271	0.04	##########	27	FAM20B	Principal cells
7.87E-51	0.33782077	0.511	0.196	2.65E-46	27	BBX	Principal cells
1.77E-77	0.33775096	0.324	0.074	5.98E-73	27	DCTD	Principal cells
1.45E-58	0.337595	0.38	0.115	4.89E-54	27	IMP3	Principal cells
9.81E-51	0.3375433	0.547	0.217	3.31E-46	27	DUT	Principal cells
9.22E-44	0.33716072	0.815	0.396	3.11E-39	27	N4BP2L2	Principal cells
2.18E-59	0.33712413	0.342	0.096	7.34E-55	27	METTL5	Principal cells
5.97E-39	0.33680944	0.777	0.398	2.01E-34	27	NDUFB4	Principal cells
9.62E-43	0.33628563	0.352	0.121	3.24E-38	27	COL4A2	Principal cells
1.86E-107	0.33596872	0.263	0.04	##########	27	FAM114A1	Principal cells
1.55E-63	0.33580706	0.397	0.115	5.23E-59	27	HLA-DMA	Principal cells
1.11E-65	0.33556288	0.39	0.109	3.75E-61	27	CMIP	Principal cells
3.29E-76	0.33495218	0.387	0.1	1.11E-71	27	CDC42BPA	Principal cells
5.78E-92	0.33467678	0.289	0.053	1.95E-87	27	COL4A5	Principal cells
9.15E-43	0.33445975	0.719	0.343	3.08E-38	27	CD164	Principal cells
1.12E-64	0.33436145	0.284	0.067	3.77E-60	27	EHD4	Principal cells
1.20E-66	0.33430187	0.4	0.114	4.05E-62	27	17-189H2	Principal cells
2.14E-49	0.33425409	0.511	0.197	7.21E-45	27	MTPN	Principal cells
1.69E-59	0.33419405	0.43	0.137	5.71E-55	27	VCL	Principal cells
5.13E-49	0.33373879	0.641	0.275	1.73E-44	27	HNRNPD	Principal cells
3.34E-81	0.33358115	0.268	0.052	1.12E-76	27	SQRDL	Principal cells
2.79E-64	0.33353791	0.41	0.121	9.39E-60	27	PTPRA	Principal cells
1.71E-61	0.33349959	0.359	0.101	5.75E-57	27	MED21	Principal cells
1.04E-51	0.33310752	0.549	0.216	3.51E-47	27	JTB	Principal cells
5.79E-125	0.33288472	0.263	0.035	##########	27	EHD2	Principal cells
4.82E-52	0.33241133	0.506	0.189	1.63E-47	27	TAF7	Principal cells
1.53E-54	0.33207436	0.542	0.206	5.17E-50	27	TERF2IP	Principal cells

7.37E-47	0.33100911	0.658	0.292	2.48E-42	27	C19orf43	Principal cells
8.51E-47	0.33074641	0.478	0.185	2.87E-42	27	MGST2	Principal cells
6.02E-39	0.3302439	0.494	0.208	2.03E-34	27	KCNQ1OT1	Principal cells
2.11E-59	0.33021905	0.372	0.11	7.11E-55	27	SMC3	Principal cells
2.42E-34	0.32984518	0.856	0.477	8.14E-30	27	SOD1	Principal cells
1.27E-85	0.32854855	0.273	0.051	4.27E-81	27	ASAP1	Principal cells
8.77E-54	0.32803383	0.423	0.141	2.96E-49	27	ZFHX3	Principal cells
1.85E-51	0.32793918	0.478	0.176	6.24E-47	27	FNBP1L	Principal cells
2.40E-62	0.32754187	0.385	0.112	8.09E-58	27	KRCC1	Principal cells
7.45E-80	0.32713514	0.251	0.046	2.51E-75	27	FAM98A	Principal cells
3.47E-57	0.32712317	0.37	0.111	1.17E-52	27	PPHLN1	Principal cells
5.06E-70	0.32700991	0.316	0.075	1.71E-65	27	MAP4K4	Principal cells
6.90E-61	0.32585207	0.299	0.075	2.32E-56	27	TULP4	Principal cells
6.17E-56	0.3254545	0.443	0.147	2.08E-51	27	LMO4	Principal cells
4.12E-57	0.32533595	0.466	0.16	1.39E-52	27	CCPG1	Principal cells
3.18E-73	0.32529566	0.284	0.061	1.07E-68	27	SGCE	Principal cells
2.22E-51	0.32515918	0.537	0.208	7.49E-47	27	POLR2F	Principal cells
7.61E-64	0.32502373	0.322	0.082	2.56E-59	27	UBA2	Principal cells
1.81E-78	0.32436909	0.273	0.054	6.08E-74	27	FBXW7	Principal cells
9.92E-81	0.32426247	0.278	0.054	3.34E-76	27	TMEM64	Principal cells
5.01E-41	0.32340873	0.676	0.318	1.69E-36	27	SARAF	Principal cells
2.38E-63	0.32313285	0.375	0.106	8.02E-59	27	MBNL2	Principal cells
1.11E-84	0.32236712	0.263	0.048	3.75E-80	27	RASSF8-AS1	Principal cells
7.97E-51	0.32166733	0.466	0.169	2.68E-46	27	KPNB1	Principal cells
1.97E-59	0.32160089	0.501	0.173	6.62E-55	27	SMARCA2	Principal cells
3.17E-55	0.32156705	0.344	0.101	1.07E-50	27	MPRIP	Principal cells
7.77E-47	0.32115064	0.595	0.253	2.62E-42	27	CSNK1A1	Principal cells
5.14E-59	0.32055865	0.289	0.072	1.73E-54	27	EEA1	Principal cells
9.59E-48	0.3203915	0.478	0.183	3.23E-43	27	EAPP	Principal cells
2.42E-52	0.32031219	0.641	0.259	8.17E-48	27	NR2F2	Principal cells
2.62E-48	0.32012879	0.342	0.109	8.82E-44	27	ITGB1BP1	Principal cells
8.23E-88	0.32010055	0.271	0.049	2.77E-83	27	LINC01089	Principal cells
2.25E-59	0.32006887	0.433	0.138	7.59E-55	27	OSBPL8	Principal cells
7.29E-54	0.31916925	0.494	0.179	2.46E-49	27	SH3GLB1	Principal cells
1.01E-109	0.31873841	0.256	0.037	##########	27	NOSTRIN	Principal cells
5.34E-74	0.31857234	0.261	0.052	1.80E-69	27	CBX7	Principal cells
1.92E-51	0.31836238	0.38	0.123	6.46E-47	27	MED13L	Principal cells
2.73E-65	0.31795746	0.352	0.094	9.20E-61	27	ZNF704	Principal cells
8.16E-30	0.31794192	0.914	0.53	2.75E-25	27	APP	Principal cells
6.95E-69	0.31747508	0.334	0.083	2.34E-64	27	PRKCA	Principal cells
1.35E-45	0.31746364	0.456	0.174	4.55E-41	27	MRPS18C	Principal cells
2.56E-39	0.31665954	0.61	0.279	8.62E-35	27	SF3B6	Principal cells
2.64E-39	0.31614571	0.549	0.24	8.89E-35	27	ESD	Principal cells
1.26E-48	0.31573878	0.691	0.304	4.25E-44	27	SYF2	Principal cells
2.80E-37	0.31559755	0.663	0.324	9.43E-33	27	ARPC2	Principal cells
3.26E-56	0.31525376	0.451	0.152	1.10E-51	27	ELF1	Principal cells
1.74E-49	0.3151734	0.547	0.215	5.85E-45	27	HCFC1R1	Principal cells
3.87E-39	0.31509676	0.575	0.261	1.30E-34	27	SRSF9	Principal cells

1.32E-59	0.31505623	0.357	0.101	4.46E-55	27	KIAA0355	Principal cells
3.66E-57	0.31500531	0.443	0.141	1.23E-52	27	AKAP12	Principal cells
1.67E-46	0.31462522	0.605	0.259	5.62E-42	27	PSMA4	Principal cells
6.31E-65	0.31457962	0.273	0.062	2.13E-60	27	LATS2	Principal cells
1.63E-41	0.31426334	0.795	0.399	5.51E-37	27	CANX	Principal cells
1.84E-47	0.31395763	0.294	0.086	6.19E-43	27	IGF1R	Principal cells
1.22E-49	0.31371624	0.316	0.093	4.10E-45	27	UBE2J1	Principal cells
1.56E-47	0.3135614	0.311	0.095	5.25E-43	27	MLXIP	Principal cells
1.21E-62	0.31349307	0.309	0.079	4.06E-58	27	TMEM109	Principal cells
2.34E-42	0.31337759	0.428	0.165	7.89E-38	27	COMT	Principal cells
3.57E-53	0.3132792	0.463	0.164	1.20E-48	27	UPF3A	Principal cells
1.42E-82	0.31322565	0.367	0.086	4.80E-78	27	CCSER2	Principal cells
6.99E-60	0.31283814	0.365	0.105	2.36E-55	27	CRBN	Principal cells
1.15E-51	0.31184597	0.354	0.11	3.86E-47	27	RNF115	Principal cells
1.73E-56	0.31151076	0.4	0.125	5.83E-52	27	PON2	Principal cells
1.59E-56	0.31136111	0.322	0.089	5.35E-52	27	FBXO25	Principal cells
1.30E-120	0.31087429	0.261	0.036	##########	27	CTNNBIP1	Principal cells
4.85E-40	0.31085667	0.835	0.426	1.64E-35	27	YWHAZ	Principal cells
2.39E-38	0.31058514	0.835	0.438	8.04E-34	27	HNRNPK	Principal cells
3.41E-44	0.31052166	0.608	0.267	1.15E-39	27	SNRPB2	Principal cells
7.89E-61	0.31028679	0.286	0.071	2.66E-56	27	NMRK1	Principal cells
5.95E-51	0.31019526	0.339	0.104	2.00E-46	27	FAM127B	Principal cells
5.23E-38	0.31014768	0.463	0.196	1.76E-33	27	UBXN1	Principal cells
1.38E-57	0.31006228	0.258	0.062	4.65E-53	27	ZC3H7B	Principal cells
3.89E-46	0.30966185	0.458	0.167	1.31E-41	27	ID3	Principal cells
1.42E-75	0.30966101	0.258	0.051	4.78E-71	27	CHST12	Principal cells
1.27E-51	0.30959192	0.458	0.163	4.27E-47	27	TMEM9B	Principal cells
2.17E-27	0.30949914	0.965	0.722	7.32E-23	27	FAU	Principal cells
2.65E-60	0.30932345	0.258	0.059	8.93E-56	27	EPB41L2	Principal cells
1.66E-54	0.30929815	0.557	0.213	5.60E-50	27	RNF181	Principal cells
4.12E-58	0.30922228	0.532	0.192	1.39E-53	27	RPN1	Principal cells
7.40E-52	0.3089658	0.281	0.076	2.49E-47	27	MAML2	Principal cells
6.52E-50	0.3087257	0.387	0.126	2.20E-45	27	COL4A1	Principal cells
1.28E-51	0.30869678	0.709	0.303	4.31E-47	27	HERPUD1	Principal cells
1.49E-52	0.30863334	0.466	0.165	5.01E-48	27	FAM63B	Principal cells
3.02E-40	0.30825902	0.785	0.39	1.02E-35	27	SPCS2	Principal cells
1.06E-58	0.30808283	0.41	0.128	3.58E-54	27	ARL2BP	Principal cells
7.25E-62	0.30803813	0.311	0.08	2.44E-57	27	RHOQ	Principal cells
1.01E-47	0.30791989	0.6	0.249	3.40E-43	27	DDX24	Principal cells
1.63E-31	0.30777848	0.944	0.6	5.49E-27	27	COX6C	Principal cells
1.11E-71	0.30754043	0.316	0.074	3.75E-67	27	PHF10	Principal cells
2.04E-62	0.30741436	0.319	0.082	6.87E-58	27	PIGK	Principal cells
1.15E-52	0.30666752	0.403	0.132	3.87E-48	27	UNC50	Principal cells
1.68E-64	0.30626441	0.322	0.081	5.67E-60	27	OSTF1	Principal cells
3.98E-39	0.30625543	0.456	0.187	1.34E-34	27	STUB1	Principal cells
7.13E-43	0.30586861	0.397	0.146	2.40E-38	27	C7orf55	Principal cells
1.64E-61	0.30555724	0.463	0.146	5.53E-57	27	TFPI	Principal cells
6.44E-38	0.30543911	0.59	0.272	2.17E-33	27	RAB1A	Principal cells

5.07E-49	0.30524714	0.352	0.112	1.71E-44	27	TRAPPC4	Principal cells
2.75E-38	0.30380893	0.813	0.428	9.27E-34	27	DYNC1I2	Principal cells
6.04E-75	0.30377289	0.286	0.06	2.03E-70	27	APOL6	Principal cells
1.34E-52	0.30368855	0.491	0.179	4.51E-48	27	ARHGAP5	Principal cells
6.99E-49	0.30262201	0.418	0.146	2.36E-44	27	TMEM106I	Principal cells
2.90E-51	0.30257028	0.62	0.254	9.76E-47	27	NMT1	Principal cells
2.30E-46	0.30208296	0.372	0.126	7.74E-42	27	CCDC115	Principal cells
4.29E-49	0.30160818	0.339	0.105	1.45E-44	27	UBE2R2	Principal cells
1.52E-55	0.3014198	0.466	0.159	5.11E-51	27	CTBP1	Principal cells
6.05E-57	0.30104949	0.347	0.1	2.04E-52	27	CLDND1	Principal cells
1.23E-41	0.30035798	0.732	0.35	4.13E-37	27	WDR83OS	Principal cells
6.12E-42	0.30031795	0.625	0.275	2.06E-37	27	AIF1L	Principal cells
1.72E-49	0.30031138	0.266	0.071	5.81E-45	27	UBE2Q1	Principal cells
3.02E-52	0.30029174	0.319	0.092	1.02E-47	27	TPRKB	Principal cells
5.78E-39	0.2997094	0.62	0.284	1.95E-34	27	H2AFZ	Principal cells
1.02E-47	0.29957142	0.435	0.158	3.44E-43	27	CHD4	Principal cells
2.20E-51	0.29944771	0.42	0.142	7.42E-47	27	PLEKHA5	Principal cells
5.09E-43	0.29930224	0.405	0.15	1.71E-38	27	PSMB2	Principal cells
1.26E-49	0.29926195	0.324	0.099	4.24E-45	27	HSBP1L1	Principal cells
1.45E-108	0.29876189	0.271	0.041	#########	27	ANKS1A	Principal cells
6.60E-52	0.29807617	0.365	0.115	2.22E-47	27	MAN1A2	Principal cells
5.09E-51	0.29801498	0.514	0.195	1.72E-46	27	PCNP	Principal cells
3.23E-46	0.29780142	0.481	0.186	1.09E-41	27	ALKBH7	Principal cells
6.82E-52	0.29745526	0.385	0.125	2.30E-47	27	ZFYVE21	Principal cells
1.98E-43	0.2971937	0.608	0.265	6.66E-39	27	MTDH	Principal cells
8.24E-49	0.29718576	0.473	0.177	2.78E-44	27	RAB18	Principal cells
1.89E-61	0.29695988	0.266	0.061	6.38E-57	27	CPNE8	Principal cells
2.51E-60	0.29620294	0.334	0.09	8.45E-56	27	PAN3	Principal cells
9.55E-39	0.29556253	0.577	0.261	3.22E-34	27	KRT10	Principal cells
3.08E-40	0.29520086	0.749	0.361	1.04E-35	27	TMCO1	Principal cells
6.01E-41	0.29485195	0.805	0.394	2.03E-36	27	HNRNPC	Principal cells
8.46E-43	0.29461968	0.451	0.175	2.85E-38	27	ASH1L	Principal cells
1.23E-58	0.29425017	0.291	0.074	4.13E-54	27	CASC3	Principal cells
3.35E-42	0.29410249	0.408	0.149	1.13E-37	27	TACC1	Principal cells
2.62E-56	0.29401048	0.344	0.099	8.83E-52	27	PLEKHA3	Principal cells
7.96E-39	0.29393471	0.605	0.276	2.68E-34	27	TUBA1B	Principal cells
1.86E-49	0.29388316	0.349	0.11	6.26E-45	27	CHD3	Principal cells
3.99E-52	0.29380437	0.61	0.242	1.34E-47	27	PFN2	Principal cells
1.05E-77	0.29375206	0.276	0.055	3.53E-73	27	OGFRL1	Principal cells
1.15E-47	0.29375062	0.397	0.137	3.89E-43	27	CUX1	Principal cells
7.41E-44	0.29367153	0.608	0.265	2.50E-39	27	EIF5	Principal cells
1.39E-71	0.29357004	0.301	0.067	4.70E-67	27	RAB31	Principal cells
7.55E-69	0.29349865	0.276	0.059	2.54E-64	27	CALCRL	Principal cells
1.70E-58	0.29347403	0.453	0.148	5.74E-54	27	YAP1	Principal cells
1.81E-47	0.29289543	0.676	0.297	6.11E-43	27	ARPP19	Principal cells
6.20E-43	0.29281199	0.332	0.111	2.09E-38	27	STRA13	Principal cells
1.89E-48	0.29280948	0.539	0.214	6.36E-44	27	PSMA1	Principal cells
3.96E-44	0.29271417	0.415	0.152	1.33E-39	27	USP16	Principal cells

4.43E-41	0.2923846	0.587	0.259	1.49E-36	27	TRAPPC1	Principal cells
3.58E-58	0.29225731	0.352	0.101	1.21E-53	27	BAZ2A	Principal cells
9.00E-49	0.29216778	0.428	0.152	3.03E-44	27	C16orf13	Principal cells
8.35E-40	0.29212756	0.428	0.169	2.81E-35	27	MAGED2	Principal cells
1.76E-54	0.29164583	0.266	0.067	5.92E-50	27	CNN2	Principal cells
1.12E-47	0.2912873	0.443	0.16	3.79E-43	27	CREBRF	Principal cells
1.15E-53	0.29125322	0.261	0.065	3.86E-49	27	ZNF532	Principal cells
1.01E-25	0.29114603	0.911	0.558	3.40E-21	27	LAPTM4A	Principal cells
3.27E-53	0.29094802	0.476	0.169	1.10E-48	27	ZC3H11A	Principal cells
7.36E-41	0.29079454	0.506	0.211	2.48E-36	27	Mar-19	Principal cells
1.46E-53	0.29072014	0.327	0.094	4.93E-49	27	MRFAP1L1	Principal cells
8.96E-76	0.29047681	0.268	0.053	3.02E-71	27	GPRC5A	Principal cells
1.97E-53	0.29046998	0.304	0.084	6.63E-49	27	RNF146	Principal cells
1.04E-63	0.29040197	0.291	0.069	3.52E-59	27	ZNF462	Principal cells
8.61E-103	0.28962403	0.603	0.164	2.90E-98	27	HLA-DPB1	Principal cells
3.76E-26	0.28955548	0.846	0.493	1.27E-21	27	TMEM59	Principal cells
1.27E-48	0.28924583	0.478	0.177	4.28E-44	27	ZRANB2	Principal cells
8.32E-27	0.28923156	0.967	0.635	2.80E-22	27	TXNIP	Principal cells
4.03E-41	0.28872259	0.471	0.191	1.36E-36	27	PSMB7	Principal cells
1.24E-50	0.28845796	0.339	0.104	4.18E-46	27	CCNL2	Principal cells
2.37E-35	0.28844756	0.699	0.35	8.00E-31	27	LAMTOR4	Principal cells
1.91E-42	0.2883981	0.276	0.082	6.43E-38	27	EFEMP1	Principal cells
6.51E-38	0.28814566	0.448	0.186	2.19E-33	27	CSNK2B	Principal cells
5.18E-46	0.28771209	0.423	0.153	1.75E-41	27	FXR1	Principal cells
2.09E-40	0.28766442	0.684	0.319	7.04E-36	27	EIF1AX	Principal cells
1.25E-42	0.28764291	0.684	0.314	4.21E-38	27	SEPW1	Principal cells
5.93E-55	0.28751923	0.377	0.117	2.00E-50	27	NUCB2	Principal cells
3.61E-45	0.2873767	0.42	0.154	1.22E-40	27	GNB1	Principal cells
7.88E-36	0.28723625	0.777	0.396	2.65E-31	27	HNRNPDL	Principal cells
2.38E-51	0.28700124	0.289	0.079	8.01E-47	27	RPRD1A	Principal cells
3.71E-44	0.28659	0.413	0.148	1.25E-39	27	IFI6	Principal cells
2.55E-46	0.28644672	0.42	0.152	8.60E-42	27	ZCRB1	Principal cells
4.44E-41	0.28598995	0.511	0.215	1.49E-36	27	PGAM1	Principal cells
7.90E-47	0.28565579	0.39	0.133	2.66E-42	27	MAPK1	Principal cells
1.99E-49	0.2855174	0.453	0.163	6.70E-45	27	PAK2	Principal cells
3.95E-35	0.28520129	0.646	0.317	1.33E-30	27	GNG5	Principal cells
1.80E-45	0.28517249	0.463	0.178	6.08E-41	27	CTSL	Principal cells
1.84E-64	0.28471743	0.433	0.125	6.20E-60	27	AQP1	Principal cells
3.99E-46	0.28461515	0.491	0.191	1.34E-41	27	PCM1	Principal cells
1.97E-46	0.28424053	0.392	0.136	6.63E-42	27	SLC25A37	Principal cells
1.13E-48	0.28418425	0.316	0.095	3.82E-44	27	C11orf73	Principal cells
4.62E-45	0.28397378	0.415	0.151	1.56E-40	27	DNAJC3	Principal cells
9.44E-48	0.28386504	0.403	0.138	3.18E-43	27	TPD52	Principal cells
3.16E-57	0.28378071	0.329	0.091	1.06E-52	27	CCNY	Principal cells
1.15E-44	0.28325919	0.501	0.199	3.89E-40	27	ATP6V1E1	Principal cells
2.52E-42	0.28306755	0.456	0.178	8.50E-38	27	PSMC3	Principal cells
2.13E-46	0.28284327	0.405	0.142	7.17E-42	27	VPS13C	Principal cells
3.96E-35	0.28249707	0.342	0.128	1.33E-30	27	AK1	Principal cells

1.18E-38	0.28237106	0.78	0.393	3.98E-34	27	DAZAP2	Principal cells
2.74E-45	0.28233122	0.554	0.228	9.24E-41	27	NSRP1	Principal cells
1.06E-32	0.28226768	0.706	0.361	3.56E-28	27	NDUFC2	Principal cells
2.43E-37	0.28226624	0.387	0.151	8.17E-33	27	POLR2G	Principal cells
2.41E-40	0.28211854	0.57	0.251	8.11E-36	27	KRTCAP2	Principal cells
1.47E-45	0.28210171	0.471	0.18	4.96E-41	27	ARF3	Principal cells
2.80E-51	0.28182907	0.448	0.155	9.45E-47	27	CGNL1	Principal cells
1.48E-39	0.28151738	0.365	0.135	5.00E-35	27	EMC4	Principal cells
6.12E-47	0.28139853	0.451	0.166	2.06E-42	27	LSM14A	Principal cells
1.41E-36	0.28087234	0.41	0.165	4.77E-32	27	PSMA3	Principal cells
7.10E-51	0.28082033	0.322	0.094	2.39E-46	27	STARD3NL	Principal cells
7.85E-39	0.28066601	0.57	0.254	2.65E-34	27	SF3B5	Principal cells
6.08E-78	0.28017293	0.266	0.051	2.05E-73	27	MAPRE2	Principal cells
3.79E-46	0.27980313	0.392	0.136	1.28E-41	27	TUG1	Principal cells
8.02E-45	0.27928374	0.567	0.237	2.70E-40	27	IQGAP1	Principal cells
6.56E-40	0.27913355	0.491	0.205	2.21E-35	27	ATRAID	Principal cells
8.58E-45	0.27896324	0.562	0.235	2.89E-40	27	ATRX	Principal cells
1.94E-48	0.27895573	0.397	0.136	6.53E-44	27	PKIG	Principal cells
5.69E-45	0.27877066	0.651	0.288	1.92E-40	27	VIMP	Principal cells
2.68E-52	0.27850944	0.375	0.118	9.04E-48	27	VEZT	Principal cells
4.27E-83	0.27842514	0.273	0.052	1.44E-78	27	SORBS3	Principal cells
7.64E-47	0.27831627	0.562	0.229	2.58E-42	27	PYURF	Principal cells
1.32E-29	0.27819346	0.992	0.861	4.44E-25	27	RPS28	Principal cells
1.70E-50	0.27734863	0.352	0.109	5.72E-46	27	SPPL3	Principal cells
3.20E-53	0.27713984	0.273	0.071	1.08E-48	27	MBOAT2	Principal cells
1.20E-59	0.27692889	0.251	0.056	4.05E-55	27	TP53INP1	Principal cells
1.70E-56	0.27683844	0.471	0.158	5.73E-52	27	FLNA	Principal cells
7.67E-41	0.27650601	0.415	0.159	2.58E-36	27	CDC37	Principal cells
4.25E-44	0.27607341	0.549	0.226	1.43E-39	27	TMEM50B	Principal cells
9.08E-46	0.27553554	0.453	0.169	3.06E-41	27	PFDN4	Principal cells
1.02E-49	0.27529693	0.347	0.108	3.44E-45	27	USP9X	Principal cells
2.16E-38	0.27520621	0.762	0.376	7.28E-34	27	CBX3	Principal cells
2.17E-45	0.27508132	0.344	0.113	7.30E-41	27	GANAB	Principal cells
4.79E-44	0.27500986	0.435	0.163	1.61E-39	27	NCKAP1	Principal cells
4.86E-39	0.27452122	0.468	0.193	1.64E-34	27	HNRNPH3	Principal cells
2.27E-42	0.2739566	0.595	0.257	7.64E-38	27	CD46	Principal cells
5.52E-40	0.27391105	0.461	0.187	1.86E-35	27	AP2M1	Principal cells
1.81E-33	0.27390796	0.549	0.255	6.11E-29	27	COX14	Principal cells
6.25E-47	0.27386264	0.461	0.17	2.11E-42	27	IDS	Principal cells
1.12E-46	0.2736111	0.714	0.318	3.76E-42	27	PRKAR1A	Principal cells
1.29E-40	0.2735612	0.441	0.173	4.35E-36	27	TAPBP	Principal cells
5.20E-42	0.2733093	0.392	0.143	1.75E-37	27	FAM204A	Principal cells
4.98E-43	0.27284644	0.458	0.178	1.68E-38	27	RAB14	Principal cells
1.71E-38	0.27274979	0.501	0.214	5.77E-34	27	XRCC5	Principal cells
3.85E-41	0.27230966	0.41	0.155	1.30E-36	27	RAB11B	Principal cells
9.52E-46	0.2723045	0.365	0.123	3.21E-41	27	CHTOP	Principal cells
3.44E-43	0.27220973	0.468	0.182	1.16E-38	27	FAM200B	Principal cells
7.95E-47	0.2717438	0.284	0.082	2.68E-42	27	BLVRA	Principal cells

2.57E-45	0.270903	0.403	0.142	8.65E-41	27	C8orf33	Principal cells
1.38E-96	0.27081577	0.58	0.158	4.66E-92	27	HLA-DPA1	Principal cells
3.18E-36	0.27060627	0.392	0.155	1.07E-31	27	UBE2E3	Principal cells
4.01E-48	0.27053125	0.278	0.077	1.35E-43	27	CREB1	Principal cells
1.53E-39	0.27038431	0.281	0.09	5.15E-35	27	SNAPIN	Principal cells
7.61E-48	0.2700909	0.468	0.173	2.56E-43	27	DHX36	Principal cells
2.38E-45	0.26975999	0.392	0.137	8.01E-41	27	TMEM248	Principal cells
4.75E-44	0.26914065	0.539	0.219	1.60E-39	27	USP53	Principal cells
8.51E-49	0.26906784	0.278	0.077	2.87E-44	27	SH3RF1	Principal cells
2.55E-56	0.26897479	0.281	0.071	8.59E-52	27	QPRT	Principal cells
5.52E-41	0.26889453	0.418	0.16	1.86E-36	27	PDCD6	Principal cells
1.82E-40	0.26871182	0.603	0.267	6.12E-36	27	PTTG1IP	Principal cells
1.53E-48	0.2686354	0.441	0.156	5.16E-44	27	RAB5B	Principal cells
6.34E-62	0.26839605	0.329	0.085	2.13E-57	27	ISG15	Principal cells
2.59E-51	0.26796808	0.392	0.127	8.73E-47	27	ARID1A	Principal cells
1.86E-42	0.26772649	0.332	0.111	6.28E-38	27	CDC26	Principal cells
8.25E-49	0.26735818	0.299	0.086	2.78E-44	27	SBF2	Principal cells
8.90E-47	0.26690969	0.582	0.24	3.00E-42	27	TM9SF2	Principal cells
1.55E-38	0.26667849	0.418	0.164	5.22E-34	27	RBM17	Principal cells
7.47E-48	0.26644319	0.276	0.077	2.52E-43	27	ZHX1	Principal cells
1.49E-59	0.26638205	0.273	0.065	5.02E-55	27	SLF2	Principal cells
2.79E-36	0.26622605	0.291	0.098	9.39E-32	27	GYPC	Principal cells
2.49E-27	0.26597828	0.972	0.688	8.40E-23	27	SRP14	Principal cells
6.37E-40	0.26590484	0.481	0.195	2.15E-35	27	WWTR1	Principal cells
5.89E-44	0.26584553	0.311	0.098	1.99E-39	27	KIF22	Principal cells
4.60E-51	0.26584543	0.456	0.16	1.55E-46	27	MAT2B	Principal cells
4.75E-44	0.26572164	0.334	0.108	1.60E-39	27	TNKS2	Principal cells
1.74E-47	0.26551053	0.387	0.131	5.86E-43	27	ADD1	Principal cells
1.48E-102	0.26495019	0.278	0.044	5.00E-98	27	CARD16	Principal cells
3.32E-33	0.26486047	0.367	0.147	1.12E-28	27	PIN1	Principal cells
1.08E-50	0.26483286	0.352	0.11	3.64E-46	27	APOPT1	Principal cells
1.28E-43	0.26473277	0.527	0.215	4.31E-39	27	SRSF10	Principal cells
7.50E-40	0.26467753	0.37	0.135	2.53E-35	27	ERBB2IP	Principal cells
9.40E-42	0.26456301	0.372	0.131	3.17E-37	27	CBX6	Principal cells
2.30E-50	0.26455364	0.347	0.104	7.76E-46	27	IFI16	Principal cells
6.30E-38	0.2645449	0.387	0.149	2.12E-33	27	RAD23A	Principal cells
1.52E-38	0.26454489	0.542	0.238	5.13E-34	27	TCEB1	Principal cells
1.15E-23	0.26414597	0.906	0.553	3.86E-19	27	PFDN5	Principal cells
9.02E-47	0.26387105	0.552	0.222	3.04E-42	27	MEAF6	Principal cells
4.61E-54	0.26376126	0.271	0.069	1.55E-49	27	SKA2	Principal cells
5.09E-26	0.26367844	0.828	0.46	1.72E-21	27	CHCHD2	Principal cells
1.34E-43	0.26362591	0.549	0.227	4.52E-39	27	CELF1	Principal cells
1.81E-41	0.26352643	0.377	0.136	6.10E-37	27	SEC63	Principal cells
4.95E-35	0.2634885	0.542	0.245	1.67E-30	27	TMEM14C	Principal cells
5.72E-35	0.2634541	0.661	0.316	1.93E-30	27	SUMO1	Principal cells
3.80E-42	0.26328707	0.496	0.202	1.28E-37	27	HNRNPR	Principal cells
1.46E-39	0.26312631	0.547	0.235	4.91E-35	27	TUBB	Principal cells
5.18E-59	0.26270238	0.286	0.07	1.74E-54	27	SLC9A3R1	Principal cells

1.62E-36	0.26266536	0.62	0.289	5.46E-32	27	NENF	Principal cells
3.63E-54	0.26265954	0.286	0.075	1.22E-49	27	Sep-19	Principal cells
7.13E-39	0.26181891	0.506	0.215	2.40E-34	27	KMT2E	Principal cells
4.84E-38	0.26180046	0.451	0.184	1.63E-33	27	YY1	Principal cells
2.58E-49	0.26175511	0.299	0.086	8.69E-45	27	RBFOX2	Principal cells
6.56E-53	0.26155442	0.253	0.063	2.21E-48	27	EPHX1	Principal cells
1.01E-50	0.26152625	0.266	0.07	3.40E-46	27	KLC1	Principal cells
4.10E-40	0.26094905	0.281	0.088	1.38E-35	27	POLR3GL	Principal cells
1.09E-54	0.26058146	0.324	0.091	3.69E-50	27	AKAP11	Principal cells
2.93E-39	0.2603932	0.542	0.232	9.89E-35	27	SFT2D1	Principal cells
7.67E-46	0.2602272	0.405	0.142	2.58E-41	27	TNS1	Principal cells
1.03E-42	0.25991848	0.582	0.251	3.49E-38	27	LAMP1	Principal cells
5.89E-48	0.25978442	0.446	0.161	1.99E-43	27	BORCS7	Principal cells
1.25E-42	0.25963706	0.349	0.12	4.21E-38	27	DCTN6	Principal cells
3.07E-56	0.25941855	0.278	0.07	1.03E-51	27	11-382A2(	Principal cells
5.33E-55	0.2590022	0.278	0.072	1.79E-50	27	FBXO17	Principal cells
3.11E-48	0.25890165	0.332	0.101	1.05E-43	27	RAPGEF3	Principal cells
3.75E-50	0.25868294	0.473	0.172	1.26E-45	27	SNRNP27	Principal cells
3.40E-40	0.25805122	0.668	0.307	1.15E-35	27	SH3BGRL3	Principal cells
7.77E-31	0.2580263	0.681	0.347	2.62E-26	27	GUK1	Principal cells
6.11E-47	0.25800229	0.499	0.192	2.06E-42	27	VPS35	Principal cells
5.39E-68	0.25790555	0.271	0.058	1.82E-63	27	POLR2M	Principal cells
1.84E-34	0.25752047	0.676	0.324	6.20E-30	27	ISCU	Principal cells
2.33E-39	0.25740832	0.304	0.101	7.85E-35	27	VAMP3	Principal cells
4.10E-42	0.25724849	0.387	0.139	1.38E-37	27	CRTAP	Principal cells
5.42E-43	0.25617644	0.266	0.078	1.83E-38	27	LAMA5	Principal cells
7.06E-49	0.25616789	0.273	0.075	2.38E-44	27	SSBP4	Principal cells
6.22E-36	0.2552746	0.359	0.136	2.10E-31	27	CIR1	Principal cells
1.31E-40	0.25511981	0.59	0.26	4.41E-36	27	UBE2B	Principal cells
2.26E-41	0.25506194	0.547	0.229	7.60E-37	27	MSN	Principal cells
2.56E-39	0.25504666	0.299	0.098	8.63E-35	27	SIL1	Principal cells
8.51E-43	0.25499197	0.306	0.096	2.87E-38	27	SP1	Principal cells
1.71E-37	0.25456061	0.544	0.237	5.75E-33	27	C6orf48	Principal cells
4.31E-29	0.25452706	0.676	0.355	1.45E-24	27	SNRPG	Principal cells
1.04E-36	0.25428706	0.615	0.284	3.49E-32	27	MORF4L2	Principal cells
2.24E-38	0.25397202	0.256	0.078	7.55E-34	27	USP1	Principal cells
6.22E-42	0.25391996	0.311	0.1	2.09E-37	27	ABI1	Principal cells
2.92E-22	0.25370411	0.929	0.591	9.83E-18	27	RPL30	Principal cells
6.01E-37	0.25347764	0.319	0.112	2.02E-32	27	TM2D3	Principal cells
2.77E-67	0.25314793	0.942	0.452	9.33E-63	27	ADIRF	Principal cells
6.18E-40	0.25270387	0.486	0.2	2.08E-35	27	H2AFV	Principal cells
5.80E-35	0.25256111	0.253	0.081	1.95E-30	27	IGF2R	Principal cells
2.47E-44	0.25250889	0.251	0.069	8.31E-40	27	RIMKLB	Principal cells
1.74E-37	0.25245936	0.299	0.101	5.85E-33	27	TXNDC12	Principal cells
2.62E-38	0.2523333	0.392	0.149	8.82E-34	27	NPTN	Principal cells
2.70E-57	0.25197552	0.266	0.063	9.09E-53	27	TRIM22	Principal cells
5.56E-43	0.25194618	0.43	0.162	1.88E-38	27	GINM1	Principal cells
2.42E-38	0.25164519	0.337	0.118	8.14E-34	27	PUM2	Principal cells

2.27E-55	0.25161235	0.311	0.085	7.65E-51	27	TMEM128	Principal cells
5.15E-38	0.25152233	0.443	0.179	1.73E-33	27	SAR1A	Principal cells
7.06E-48	0.2509512	0.524	0.203	2.38E-43	27	CTNNA1	Principal cells
5.05E-34	0.25052824	0.499	0.222	1.70E-29	27	CFLAR	Principal cells
1.69E-28	0.25047714	0.676	0.35	5.70E-24	27	SPCS1	Principal cells
7.76E-36	0.25039326	0.587	0.27	2.62E-31	27	YWHAQ	Principal cells
1.98E-183	3.0171163	0.27	0.027	#########	28	CFD	Immune-Macrophage/monocyte
0	2.87128195	0.898	0.18	0	28	MGP	Immune-Macrophage/monocyte
0	2.75094767	0.661	0.033	0	28	DCN	Immune-Macrophage/monocyte
1.96E-182	2.65532352	0.404	0.06	#########	28	CCDC80	Immune-Macrophage/monocyte
1.37E-211	2.44936984	0.798	0.242	#########	28	TIMP1	Immune-Macrophage/monocyte
0	2.42538046	0.656	0.024	0	28	COL3A1	Immune-Macrophage/monocyte
0	2.36971518	0.449	0.004	0	28	LUM	Immune-Macrophage/monocyte
0	2.27573132	0.698	0.034	0	28	COL1A2	Immune-Macrophage/monocyte
2.71E-183	1.94818914	0.255	0.024	#########	28	APOD	Immune-Macrophage/monocyte
1.53E-162	1.90966285	0.806	0.309	#########	28	LGALS1	Immune-Macrophage/monocyte
0	1.89442722	0.564	0.021	0	28	COL1A1	Immune-Macrophage/monocyte
7.97E-75	1.87064909	0.43	0.129	2.69E-70	28	IGFBP6	Immune-Macrophage/monocyte
5.24E-281	1.77339919	0.472	0.053	#########	28	FN1	Immune-Macrophage/monocyte
4.73E-248	1.72411634	0.635	0.108	#########	28	TAGLN	Immune-Macrophage/monocyte
2.08E-158	1.67055734	0.661	0.185	#########	28	SPARC	Immune-Macrophage/monocyte
5.48E-212	1.65161592	0.517	0.085	#########	28	BGN	Immune-Macrophage/monocyte
4.35E-172	1.61799507	0.774	0.245	#########	28	CALD1	Immune-Macrophage/monocyte
1.02E-179	1.61595802	0.438	0.068	#########	28	ACTA2	Immune-Macrophage/monocyte
4.98E-168	1.54810673	0.451	0.078	#########	28	FSTL1	Immune-Macrophage/monocyte
0	1.5259913	0.423	0.035	0	28	HOPX	Immune-Macrophage/monocyte
0	1.4354484	0.467	0.047	0	28	COL6A2	Immune-Macrophage/monocyte
2.88E-50	1.42257757	0.32	0.101	9.70E-46	28	RGS5	Immune-Macrophage/monocyte
3.58E-194	1.40832733	0.325	0.036	#########	28	C1R	Immune-Macrophage/monocyte
3.31E-143	1.40287951	0.58	0.142	#########	28	CTGF	Immune-Macrophage/monocyte
5.46E-224	1.39304429	0.388	0.044	#########	28	PLAC9	Immune-Macrophage/monocyte
1.89E-85	1.38237169	0.588	0.215	6.38E-81	28	GSN	Immune-Macrophage/monocyte
0	1.32547292	0.294	0.012	0	28	C7	Immune-Macrophage/monocyte
3.57E-180	1.27301712	0.344	0.043	#########	28	CPE	Immune-Macrophage/monocyte
2.23E-114	1.26451806	0.759	0.303	#########	28	VIM	Immune-Macrophage/monocyte
1.09E-196	1.25460369	0.336	0.038	#########	28	C1S	Immune-Macrophage/monocyte
3.30E-163	1.24581978	0.512	0.098	#########	28	TPM2	Immune-Macrophage/monocyte
1.24E-231	1.19439714	0.367	0.039	#########	28	AEBP1	Immune-Macrophage/monocyte
2.47E-275	1.19362452	0.299	0.022	#########	28	PCOLCE	Immune-Macrophage/monocyte
0	1.19129637	0.304	0.01	0	28	COL6A3	Immune-Macrophage/monocyte
1.13E-98	1.15973107	0.462	0.125	3.81E-94	28	COL4A1	Immune-Macrophage/monocyte
6.71E-163	1.12039138	0.375	0.055	#########	28	NR2F1	Immune-Macrophage/monocyte
1.60E-91	1.11726754	0.543	0.174	5.40E-87	28	MYL9	Immune-Macrophage/monocyte
1.19E-128	1.03177406	0.323	0.05	#########	28	LHFP	Immune-Macrophage/monocyte
1.66E-75	1.00532572	0.438	0.129	5.59E-71	28	TIMP2	Immune-Macrophage/monocyte
8.87E-83	1.00474626	0.362	0.087	2.99E-78	28	CYP1B1	Immune-Macrophage/monocyte
3.57E-182	0.98142202	0.383	0.051	#########	28	MAP1B	Immune-Macrophage/monocyte
2.75E-85	0.9786904	0.491	0.14	9.26E-81	28	AKAP12	Immune-Macrophage/monocyte

1.74E-43	0.97552242	0.436	0.183	5.85E-39	28	CYR61	Immune-Macrophage/monocyte
5.98E-42	0.9584381	0.798	0.706	2.01E-37	28	IGFBP7	Immune-Macrophage/monocyte
1.85E-145	0.94440504	0.315	0.043	#########	28	PPP1R14A	Immune-Macrophage/monocyte
6.96E-64	0.9296581	0.664	0.287	2.34E-59	28	IGFBP5	Immune-Macrophage/monocyte
1.45E-67	0.90946934	0.291	0.068	4.89E-63	28	THY1	Immune-Macrophage/monocyte
3.81E-75	0.90866732	0.412	0.121	1.28E-70	28	COL4A2	Immune-Macrophage/monocyte
2.12E-47	0.85469547	0.449	0.177	7.14E-43	28	MARCKS	Immune-Macrophage/monocyte
5.72E-150	0.84409762	0.352	0.051	#########	28	MFGE8	Immune-Macrophage/monocyte
2.73E-126	0.84048638	0.344	0.057	#########	28	FILIP1L	Immune-Macrophage/monocyte
3.71E-65	0.83993826	0.386	0.115	1.25E-60	28	PALLD	Immune-Macrophage/monocyte
8.60E-61	0.82809877	0.908	0.808	2.90E-56	28	TMSB4X	Immune-Macrophage/monocyte
3.78E-88	0.82362099	0.417	0.103	1.27E-83	28	A2M	Immune-Macrophage/monocyte
7.00E-35	0.81808045	0.388	0.168	2.36E-30	28	ID3	Immune-Macrophage/monocyte
3.26E-32	0.81299926	0.801	0.643	1.10E-27	28	MT2A	Immune-Macrophage/monocyte
1.18E-20	0.77619928	0.27	0.118	3.98E-16	28	CCL2	Immune-Macrophage/monocyte
7.29E-151	0.77272629	0.312	0.041	#########	28	RBP1	Immune-Macrophage/monocyte
1.55E-56	0.76872638	0.404	0.138	5.23E-52	28	CD99	Immune-Macrophage/monocyte
7.11E-36	0.75468901	0.619	0.382	2.39E-31	28	ITGB1	Immune-Macrophage/monocyte
1.08E-44	0.73832638	0.727	0.458	3.64E-40	28	IFITM3	Immune-Macrophage/monocyte
2.23E-60	0.73457889	0.661	0.3	7.52E-56	28	TIMP3	Immune-Macrophage/monocyte
3.30E-31	0.73443414	0.522	0.301	1.11E-26	28	Sep-19	Immune-Macrophage/monocyte
7.17E-60	0.72784594	0.352	0.102	2.42E-55	28	PHLDA1	Immune-Macrophage/monocyte
3.84E-77	0.71498751	0.386	0.098	1.29E-72	28	TCF4	Immune-Macrophage/monocyte
8.40E-40	0.70573105	0.449	0.198	2.83E-35	28	TPM4	Immune-Macrophage/monocyte
1.01E-46	0.68603075	0.386	0.137	3.41E-42	28	MYLK	Immune-Macrophage/monocyte
1.57E-51	0.67776662	0.446	0.161	5.30E-47	28	NUPR1	Immune-Macrophage/monocyte
3.41E-92	0.67550776	0.341	0.072	1.15E-87	28	ITGA1	Immune-Macrophage/monocyte
4.16E-136	0.67394888	0.265	0.032	#########	28	FRZB	Immune-Macrophage/monocyte
1.28E-25	0.6692062	0.74	0.505	4.32E-21	28	CST3	Immune-Macrophage/monocyte
1.21E-26	0.6443157	0.312	0.133	4.06E-22	28	COL6A1	Immune-Macrophage/monocyte
1.33E-37	0.64072695	0.357	0.135	4.47E-33	28	IGFBP2	Immune-Macrophage/monocyte
1.18E-22	0.63672965	0.276	0.119	3.96E-18	28	C10orf10	Immune-Macrophage/monocyte
2.85E-99	0.63289579	0.255	0.039	9.59E-95	28	PDGFRB	Immune-Macrophage/monocyte
2.42E-52	0.62295987	0.289	0.077	8.17E-48	28	CAV1	Immune-Macrophage/monocyte
1.43E-26	0.61329089	0.362	0.169	4.82E-22	28	TUBA1A	Immune-Macrophage/monocyte
1.40E-24	0.60637741	0.331	0.147	4.70E-20	28	TFPI	Immune-Macrophage/monocyte
6.51E-41	0.59825521	0.318	0.108	2.19E-36	28	ARHGDIB	Immune-Macrophage/monocyte
3.77E-14	0.59254757	0.378	0.224	1.27E-09	28	SERPING1	Immune-Macrophage/monocyte
1.14E-58	0.58754604	0.289	0.074	3.83E-54	28	PDLIM7	Immune-Macrophage/monocyte
1.42E-28	0.58747717	0.486	0.259	4.79E-24	28	ANXA5	Immune-Macrophage/monocyte
3.91E-26	0.58659834	0.48	0.265	1.32E-21	28	PPIB	Immune-Macrophage/monocyte
1.58E-39	0.57587864	0.315	0.109	5.31E-35	28	PRKCDBP	Immune-Macrophage/monocyte
2.65E-52	0.57297949	0.921	0.861	8.94E-48	28	RPL10	Immune-Macrophage/monocyte
1.55E-34	0.5717645	0.357	0.141	5.21E-30	28	PTRF	Immune-Macrophage/monocyte
6.05E-41	0.56862098	0.315	0.103	2.04E-36	28	IGFBP4	Immune-Macrophage/monocyte
3.02E-76	0.56562246	0.315	0.069	1.02E-71	28	ENG	Immune-Macrophage/monocyte
7.54E-37	0.55563424	0.299	0.104	2.54E-32	28	CCDC85B	Immune-Macrophage/monocyte
1.60E-36	0.55213521	0.255	0.078	5.38E-32	28	HTRA1	Immune-Macrophage/monocyte

4.18E-17	0.54870285	0.585	0.441	1.41E-12	28	MYL12A	Immune-Macrophage/monocyte
2.20E-43	0.54502911	0.399	0.146	7.41E-39	28	BST2	Immune-Macrophage/monocyte
8.21E-30	0.54459592	0.732	0.544	2.77E-25	28	CD63	Immune-Macrophage/monocyte
1.10E-29	0.54191428	0.357	0.15	3.70E-25	28	EMP3	Immune-Macrophage/monocyte
5.40E-73	0.53558617	0.283	0.058	1.82E-68	28	C11orf96	Immune-Macrophage/monocyte
7.51E-11	0.53520216	0.331	0.206	2.53E-06	28	GNG11	Immune-Macrophage/monocyte
9.78E-17	0.5340702	0.396	0.213	3.29E-12	28	ANXA1	Immune-Macrophage/monocyte
1.46E-29	0.53018413	0.291	0.113	4.92E-25	28	PRSS23	Immune-Macrophage/monocyte
9.94E-06	0.53009427	0.339	0.253	0.335	28	S100A4	Immune-Macrophage/monocyte
1.19E-24	0.52225048	0.32	0.144	4.00E-20	28	LINC00152	Immune-Macrophage/monocyte
4.77E-38	0.51910338	0.339	0.118	1.61E-33	28	NNMT	Immune-Macrophage/monocyte
7.24E-30	0.51486755	0.352	0.148	2.44E-25	28	LMO4	Immune-Macrophage/monocyte
9.45E-18	0.51290978	0.43	0.247	3.18E-13	28	ARID5B	Immune-Macrophage/monocyte
8.51E-27	0.51037823	0.32	0.136	2.87E-22	28	SERPINH1	Immune-Macrophage/monocyte
3.97E-19	0.50884721	0.257	0.113	1.34E-14	28	MYADM	Immune-Macrophage/monocyte
1.56E-28	0.50212241	0.365	0.159	5.27E-24	28	FLNA	Immune-Macrophage/monocyte
2.32E-21	0.49474798	0.496	0.28	7.83E-17	28	TSC22D3	Immune-Macrophage/monocyte
9.04E-20	0.49352525	0.457	0.267	3.05E-15	28	TAGLN2	Immune-Macrophage/monocyte
8.20E-24	0.49331602	0.751	0.67	2.76E-19	28	RPS2	Immune-Macrophage/monocyte
4.03E-22	0.48629641	0.84	0.809	1.36E-17	28	ACTB	Immune-Macrophage/monocyte
6.37E-17	0.48547352	0.304	0.156	2.15E-12	28	SDC2	Immune-Macrophage/monocyte
4.21E-14	0.48190215	0.304	0.165	1.42E-09	28	NFIA	Immune-Macrophage/monocyte
4.27E-10	0.47657575	0.562	0.45	1.44E-05	28	CALM1	Immune-Macrophage/monocyte
1.50E-14	0.47632735	0.352	0.196	5.05E-10	28	THBS1	Immune-Macrophage/monocyte
3.68E-17	0.46847889	0.554	0.382	1.24E-12	28	NAP1L1	Immune-Macrophage/monocyte
3.94E-24	0.46773166	0.349	0.16	1.33E-19	28	SPRY1	Immune-Macrophage/monocyte
6.36E-08	0.46503785	0.294	0.188	0.00214	28	RARRES2	Immune-Macrophage/monocyte
1.68E-14	0.45616509	0.47	0.31	5.65E-10	28	IFITM2	Immune-Macrophage/monocyte
3.20E-12	0.44785813	0.423	0.277	1.08E-07	28	TUBA1B	Immune-Macrophage/monocyte
3.28E-28	0.44433243	0.273	0.103	1.10E-23	28	PDLIM1	Immune-Macrophage/monocyte
5.31E-18	0.43787669	0.48	0.288	1.79E-13	28	C12orf57	Immune-Macrophage/monocyte
1.80E-12	0.43330581	0.307	0.176	6.06E-08	28	Sep-19	Immune-Macrophage/monocyte
1.23E-21	0.43177142	0.302	0.133	4.16E-17	28	TM4SF1	Immune-Macrophage/monocyte
9.83E-27	0.43088988	0.278	0.11	3.31E-22	28	CALU	Immune-Macrophage/monocyte
9.98E-10	0.42995537	0.31	0.193	3.36E-05	28	LGALS3BP	Immune-Macrophage/monocyte
2.72E-25	0.42578499	0.32	0.136	9.16E-21	28	UACA	Immune-Macrophage/monocyte
2.63E-13	0.42272752	0.289	0.152	8.88E-09	28	DPYSL2	Immune-Macrophage/monocyte
4.67E-14	0.41988667	0.446	0.267	1.57E-09	28	CRIP1	Immune-Macrophage/monocyte
1.08E-29	0.41537568	0.89	0.834	3.63E-25	28	RPS8	Immune-Macrophage/monocyte
1.14E-15	0.40964301	0.43	0.261	3.84E-11	28	NR2F2	Immune-Macrophage/monocyte
8.43E-14	0.40855343	0.286	0.149	2.84E-09	28	LY6E	Immune-Macrophage/monocyte
2.70E-17	0.40584526	0.438	0.255	9.09E-13	28	PTMS	Immune-Macrophage/monocyte
7.46E-32	0.40351552	0.291	0.106	2.51E-27	28	ACTN1	Immune-Macrophage/monocyte
5.46E-14	0.3998147	0.386	0.233	1.84E-09	28	RHOC	Immune-Macrophage/monocyte
1.39E-15	0.39546867	0.664	0.556	4.69E-11	28	GNB2L1	Immune-Macrophage/monocyte
3.83E-27	0.39330787	0.906	0.864	1.29E-22	28	RPL13A	Immune-Macrophage/monocyte
6.22E-22	0.39259505	0.793	0.726	2.10E-17	28	RPL18A	Immune-Macrophage/monocyte
8.73E-19	0.39226918	0.391	0.212	2.94E-14	28	MYH9	Immune-Macrophage/monocyte

2.37E-13	0.39111934	0.57	0.423	7.98E-09	28	EEF2	Immune-Macrophage/monocyte
2.37E-23	0.38994898	0.273	0.113	7.99E-19	28	NRP1	Immune-Macrophage/monocyte
2.40E-14	0.38814511	0.349	0.195	8.09E-10	28	CEBPB	Immune-Macrophage/monocyte
4.97E-16	0.38782154	0.732	0.627	1.67E-11	28	RPS5	Immune-Macrophage/monocyte
6.52E-24	0.38508904	0.89	0.809	2.20E-19	28	RPL12	Immune-Macrophage/monocyte
1.38E-30	0.38458111	0.289	0.104	4.66E-26	28	IFI16	Immune-Macrophage/monocyte
2.12E-09	0.38241294	0.677	0.634	7.13E-05	28	MYL6	Immune-Macrophage/monocyte
1.18E-25	0.38239113	0.903	0.881	3.97E-21	28	RPS18	Immune-Macrophage/monocyte
4.05E-16	0.38189541	0.333	0.174	1.36E-11	28	LIMA1	Immune-Macrophage/monocyte
7.40E-16	0.37460313	0.255	0.122	2.49E-11	28	ILK	Immune-Macrophage/monocyte
2.72E-07	0.37302418	0.475	0.358	0.00917	28	CEBPD	Immune-Macrophage/monocyte
6.31E-20	0.37165402	0.291	0.132	2.13E-15	28	EPS8	Immune-Macrophage/monocyte
3.07E-14	0.37156208	0.551	0.37	1.03E-09	28	TPM1	Immune-Macrophage/monocyte
6.15E-15	0.37084078	0.252	0.121	2.07E-10	28	LAMB2	Immune-Macrophage/monocyte
3.13E-14	0.37077951	0.388	0.232	1.05E-09	28	ARPC5	Immune-Macrophage/monocyte
1.53E-06	0.37063178	0.546	0.482	0.05147	28	PFN1	Immune-Macrophage/monocyte
2.44E-26	0.36781958	0.911	0.87	8.22E-22	28	RPLP1	Immune-Macrophage/monocyte
2.24E-14	0.36563002	0.394	0.236	7.53E-10	28	SSR2	Immune-Macrophage/monocyte
3.46E-13	0.36390939	0.333	0.182	1.17E-08	28	KLF2	Immune-Macrophage/monocyte
6.87E-17	0.36292902	0.307	0.15	2.32E-12	28	TACC1	Immune-Macrophage/monocyte
5.56E-41	0.35897736	0.273	0.08	1.87E-36	28	ZEB2	Immune-Macrophage/monocyte
9.32E-20	0.35793726	0.325	0.152	3.14E-15	28	CLIC4	Immune-Macrophage/monocyte
4.14E-27	0.3569069	0.9	0.872	1.39E-22	28	RPL13	Immune-Macrophage/monocyte
4.53E-25	0.35680639	0.892	0.869	1.52E-20	28	RPL32	Immune-Macrophage/monocyte
4.37E-19	0.35466444	0.85	0.771	1.47E-14	28	FTL	Immune-Macrophage/monocyte
1.19E-08	0.35359471	0.328	0.211	0.0004	28	RBMS1	Immune-Macrophage/monocyte
1.96E-13	0.35295155	0.714	0.636	6.60E-09	28	RPL10A	Immune-Macrophage/monocyte
6.53E-16	0.35171758	0.748	0.662	2.20E-11	28	RPS3	Immune-Macrophage/monocyte
6.65E-21	0.35066364	0.853	0.765	2.24E-16	28	RPL35A	Immune-Macrophage/monocyte
1.57E-16	0.35030595	0.438	0.251	5.30E-12	28	COX7A1	Immune-Macrophage/monocyte
6.70E-07	0.34833012	0.541	0.47	0.02258	28	CFL1	Immune-Macrophage/monocyte
1.85E-09	0.34296498	0.727	0.667	6.24E-05	28	HSPB1	Immune-Macrophage/monocyte
1.05E-17	0.34277466	0.27	0.127	3.53E-13	28	TINAGL1	Immune-Macrophage/monocyte
3.25E-08	0.34173556	0.391	0.271	0.0011	28	YWHAQ	Immune-Macrophage/monocyte
1.31E-11	0.34112086	0.638	0.49	4.42E-07	28	RPLP0	Immune-Macrophage/monocyte
2.31E-12	0.34111645	0.698	0.616	7.79E-08	28	RPL5	Immune-Macrophage/monocyte
7.04E-10	0.33950081	0.58	0.451	2.37E-05	28	BTF3	Immune-Macrophage/monocyte
8.77E-13	0.33410205	0.719	0.592	2.96E-08	28	RPL30	Immune-Macrophage/monocyte
3.46E-13	0.33404256	0.903	0.893	1.17E-08	28	B2M	Immune-Macrophage/monocyte
1.25E-10	0.33323926	0.47	0.331	4.21E-06	28	EIF3E	Immune-Macrophage/monocyte
1.21E-12	0.32959819	0.252	0.131	4.09E-08	28	MARCKSL1	Immune-Macrophage/monocyte
1.31E-20	0.32773827	0.85	0.788	4.42E-16	28	RPS15A	Immune-Macrophage/monocyte
2.84E-11	0.32733441	0.667	0.538	9.57E-07	28	RPS27L	Immune-Macrophage/monocyte
1.91E-07	0.32353735	0.289	0.187	0.00644	28	DST	Immune-Macrophage/monocyte
4.22E-10	0.32113102	0.291	0.172	1.42E-05	28	ANKRD10	Immune-Macrophage/monocyte
1.14E-16	0.31973197	0.278	0.134	3.83E-12	28	AP3S1	Immune-Macrophage/monocyte
7.32E-09	0.31706002	0.388	0.264	0.00025	28	ARF4	Immune-Macrophage/monocyte
2.45E-11	0.31480194	0.711	0.627	8.24E-07	28	RPL29	Immune-Macrophage/monocyte

9.63E-09	0.31374132	0.381	0.252	0.00032	28	CD151	Immune-Macrophage/monocyte
7.65E-09	0.31123923	0.638	0.545	0.00026	28	EEF1D	Immune-Macrophage/monocyte
1.03E-09	0.3105094	0.328	0.201	3.47E-05	28	SSR3	Immune-Macrophage/monocyte
9.03E-10	0.30859209	0.31	0.189	3.04E-05	28	C19orf60	Immune-Macrophage/monocyte
4.69E-08	0.3079373	0.491	0.369	0.00158	28	CNN3	Immune-Macrophage/monocyte
3.50E-13	0.30789592	0.819	0.8	1.18E-08	28	TMSB10	Immune-Macrophage/monocyte
9.90E-10	0.30773284	0.457	0.31	3.34E-05	28	SELM	Immune-Macrophage/monocyte
2.25E-07	0.30715475	0.307	0.198	0.00759	28	KLF9	Immune-Macrophage/monocyte
0.0003318	0.30690453	0.423	0.338	1	28	SEPP1	Immune-Macrophage/monocyte
2.72E-12	0.30334354	0.738	0.646	9.17E-08	28	RPS16	Immune-Macrophage/monocyte
2.03E-12	0.30153378	0.753	0.714	6.84E-08	28	RPL15	Immune-Macrophage/monocyte
9.48E-13	0.29822343	0.782	0.758	3.20E-08	28	RPL3	Immune-Macrophage/monocyte
5.71E-23	0.29748451	0.26	0.103	1.93E-18	28	LBH	Immune-Macrophage/monocyte
1.11E-09	0.29409554	0.283	0.172	3.75E-05	28	PSMD8	Immune-Macrophage/monocyte
6.05E-08	0.29408017	0.436	0.306	0.00204	28	SPTBN1	Immune-Macrophage/monocyte
4.21E-19	0.29347758	0.268	0.114	1.42E-14	28	SPARCL1	Immune-Macrophage/monocyte
5.74E-10	0.29214797	0.698	0.634	1.93E-05	28	RPL18	Immune-Macrophage/monocyte
2.19E-11	0.2916402	0.517	0.35	7.36E-07	28	TCEAL4	Immune-Macrophage/monocyte
1.47E-13	0.29133756	0.785	0.732	4.94E-09	28	RPS4X	Immune-Macrophage/monocyte
3.03E-13	0.29115308	0.777	0.722	1.02E-08	28	RPL27A	Immune-Macrophage/monocyte
1.40E-22	0.29080773	0.312	0.134	4.72E-18	28	VAMP5	Immune-Macrophage/monocyte
7.97E-20	0.29076533	0.879	0.802	2.69E-15	28	RPL11	Immune-Macrophage/monocyte
7.93E-08	0.29053836	0.501	0.384	0.00267	28	EID1	Immune-Macrophage/monocyte
1.28E-07	0.28978682	0.349	0.237	0.0043	28	TUBB	Immune-Macrophage/monocyte
2.07E-09	0.28773992	0.407	0.276	6.96E-05	28	CRIP2	Immune-Macrophage/monocyte
3.89E-15	0.28735373	0.278	0.139	1.31E-10	28	VCL	Immune-Macrophage/monocyte
1.07E-17	0.28705762	0.861	0.791	3.61E-13	28	RPL23A	Immune-Macrophage/monocyte
1.18E-06	0.28645943	0.336	0.231	0.0398	28	LPP	Immune-Macrophage/monocyte
4.01E-13	0.28469153	0.255	0.128	1.35E-08	28	UTRN	Immune-Macrophage/monocyte
4.03E-10	0.2845436	0.436	0.291	1.36E-05	28	RABAC1	Immune-Macrophage/monocyte
6.32E-10	0.28412982	0.323	0.199	2.13E-05	28	OSTC	Immune-Macrophage/monocyte
3.15E-05	0.28359942	0.331	0.236	1	28	DDX18	Immune-Macrophage/monocyte
8.61E-16	0.28157218	0.265	0.124	2.90E-11	28	MEF2C	Immune-Macrophage/monocyte
3.29E-10	0.28120563	0.748	0.645	1.11E-05	28	ACTG1	Immune-Macrophage/monocyte
5.87E-22	0.28015002	0.979	0.943	1.98E-17	28	RPS27	Immune-Macrophage/monocyte
0.00115	0.28005481	0.572	0.558	1	28	GAPDH	Immune-Macrophage/monocyte
1.36E-07	0.27729679	0.428	0.309	0.00458	28	SH3BGRL3	Immune-Macrophage/monocyte
9.71E-09	0.27603747	0.42	0.286	0.00033	28	MORF4L2	Immune-Macrophage/monocyte
4.32E-07	0.27521355	0.273	0.175	0.01455	28	DDAH2	Immune-Macrophage/monocyte
7.15E-12	0.27346197	0.391	0.239	2.41E-07	28	RSL24D1	Immune-Macrophage/monocyte
1.94E-12	0.27153771	0.772	0.733	6.52E-08	28	RPL19	Immune-Macrophage/monocyte
3.06E-07	0.26906162	0.436	0.324	0.01031	28	FKBP1A	Immune-Macrophage/monocyte
4.08E-10	0.26862735	0.717	0.671	1.38E-05	28	RPS9	Immune-Macrophage/monocyte
2.34E-09	0.26720266	0.386	0.253	7.90E-05	28	RBM3	Immune-Macrophage/monocyte
2.32E-14	0.26524765	0.853	0.831	7.81E-10	28	RPS12	Immune-Macrophage/monocyte
4.25E-11	0.26398394	0.738	0.632	1.43E-06	28	RPS11	Immune-Macrophage/monocyte
1.95E-10	0.26393768	0.294	0.171	6.58E-06	28	PPIC	Immune-Macrophage/monocyte
7.52E-14	0.26392561	0.255	0.126	2.53E-09	28	LIMS1	Immune-Macrophage/monocyte

1.02E-05	0.26297332	0.438	0.331	0.34362	28	ANXA2	Immune-Macrophage/monocyte
1.02E-12	0.26255897	0.793	0.741	3.45E-08	28	RPS3A	Immune-Macrophage/monocyte
1.52E-10	0.26255617	0.417	0.267	5.12E-06	28	MTDH	Immune-Macrophage/monocyte
1.28E-06	0.26198422	0.404	0.29	0.04324	28	VIMP	Immune-Macrophage/monocyte
5.18E-07	0.26069922	0.265	0.171	0.01746	28	RNH1	Immune-Macrophage/monocyte
1.01E-06	0.26005725	0.43	0.326	0.03413	28	ARPC2	Immune-Macrophage/monocyte
6.65E-06	0.25856971	0.346	0.25	0.22411	28	Sep-19	Immune-Macrophage/monocyte
5.31E-08	0.25827594	0.604	0.465	0.00179	28	WBP5	Immune-Macrophage/monocyte
3.30E-16	0.25737279	0.866	0.852	1.11E-11	28	RPS15	Immune-Macrophage/monocyte
3.31E-08	0.25683213	0.31	0.198	0.00111	28	REXO2	Immune-Macrophage/monocyte
0.0001562	0.25652479	0.504	0.398	1	28	NPC2	Immune-Macrophage/monocyte
7.87E-11	0.25587264	0.782	0.713	2.65E-06	28	RPS13	Immune-Macrophage/monocyte
7.22E-09	0.25585737	0.693	0.6	0.00024	28	RPL27	Immune-Macrophage/monocyte
0.0010479	0.25523982	0.268	0.206	1	28	ITGAV	Immune-Macrophage/monocyte
1.78E-08	0.25198847	0.724	0.646	0.0006	28	DSTN	Immune-Macrophage/monocyte
2.38E-301	1.87024557	0.732	0.1	##########	29	SPINK1	Immune-B cells
2.90E-208	1.86623004	0.564	0.087	##########	29	G0S2	Immune-B cells
0	1.64935146	0.806	0.075	0	29	ATP6V1G3	Immune-B cells
0	1.46539028	0.723	0.081	0	29	ATP6V0D2	Immune-B cells
1.82E-202	1.40144443	0.78	0.173	##########	29	TMEM213	Immune-B cells
7.89E-158	1.25154612	0.576	0.114	##########	29	TMEM101	Immune-B cells
0	1.17765194	0.471	0.039	0	29	FAM24B	Immune-B cells
7.90E-201	1.15244456	0.573	0.086	##########	29	SLC26A7	Immune-B cells
1.00E-94	1.1238444	0.599	0.179	3.37E-90	29	DDIT3	Immune-B cells
2.45E-106	1.12359004	0.471	0.106	##########	29	GADD45G	Immune-B cells
0	1.12052397	0.506	0.045	0	29	LINC01187	Immune-B cells
1.05E-98	1.07966178	0.793	0.317	3.55E-94	29	C12orf75	Immune-B cells
1.80E-176	1.06143853	0.481	0.072	##########	29	SMIM6	Immune-B cells
2.94E-126	1.0174042	0.634	0.15	##########	29	ADGRF5	Immune-B cells
1.36E-97	1.00134048	0.86	0.391	4.57E-93	29	ATP6V0B	Immune-B cells
1.50E-188	0.98155937	0.452	0.057	##########	29	SLC4A1	Immune-B cells
7.07E-102	0.97138475	0.535	0.139	2.38E-97	29	ARHGAP18	Immune-B cells
2.22E-94	0.90890061	0.799	0.295	7.48E-90	29	SMIM24	Immune-B cells
5.04E-72	0.89398994	0.685	0.284	1.70E-67	29	C090498.	Immune-B cells
5.90E-76	0.8712705	0.306	0.059	1.99E-71	29	DUSP2	Immune-B cells
1.21E-68	0.86308951	0.691	0.293	4.06E-64	29	ATP6AP2	Immune-B cells
1.08E-35	0.85238421	0.373	0.135	3.63E-31	29	HSPA6	Immune-B cells
6.21E-98	0.84845083	0.455	0.102	2.09E-93	29	ADGRF1	Immune-B cells
6.12E-127	0.84756988	0.446	0.076	##########	29	RHCG	Immune-B cells
8.62E-100	0.82927215	0.503	0.118	2.91E-95	29	ATP6V1B1	Immune-B cells
6.34E-46	0.81713014	0.669	0.314	2.14E-41	29	ATF3	Immune-B cells
2.60E-57	0.81449854	0.599	0.25	8.76E-53	29	LITAF	Immune-B cells
2.78E-187	0.81193097	0.373	0.04	##########	29	DMRT2	Immune-B cells
1.26E-59	0.81036121	0.713	0.314	4.25E-55	29	CA12	Immune-B cells
6.14E-190	0.80893514	0.389	0.043	##########	29	CLNK	Immune-B cells
7.43E-80	0.79855742	0.678	0.233	2.50E-75	29	APOE	Immune-B cells
1.13E-65	0.77010543	0.943	0.6	3.82E-61	29	JUN	Immune-B cells
2.39E-105	0.76643433	0.389	0.071	##########	29	IL18	Immune-B cells

6.16E-124	0.7627183	0.341	0.048	#########	29	PART1	Immune-B cells
1.71E-58	0.761791	0.854	0.498	5.75E-54	29	MIF	Immune-B cells
2.44E-147	0.74039061	0.389	0.053	#########	29	APOC1	Immune-B cells
1.43E-62	0.73920585	0.452	0.137	4.82E-58	29	ABCA5	Immune-B cells
1.08E-65	0.72135901	0.459	0.137	3.65E-61	29	ITGA6	Immune-B cells
5.30E-179	0.71961171	0.338	0.035	#########	29	ATP6V1C2	Immune-B cells
6.07E-45	0.70238505	0.455	0.167	2.04E-40	29	ID3	Immune-B cells
9.47E-63	0.69841597	0.532	0.174	3.19E-58	29	PTGER3	Immune-B cells
1.37E-99	0.69533874	0.363	0.065	4.63E-95	29	RCAN2	Immune-B cells
4.47E-71	0.69047226	0.331	0.072	1.51E-66	29	UAP1	Immune-B cells
2.07E-49	0.67799542	0.369	0.111	6.98E-45	29	ADM	Immune-B cells
2.54E-50	0.67380818	0.36	0.105	8.55E-46	29	DNAJA4	Immune-B cells
4.24E-42	0.67257878	0.309	0.091	1.43E-37	29	P1-313I6.1	Immune-B cells
3.63E-42	0.66225597	0.49	0.204	1.22E-37	29	DHRS7	Immune-B cells
4.02E-45	0.66212446	0.637	0.304	1.35E-40	29	HERPUD1	Immune-B cells
9.06E-42	0.65210389	0.723	0.4	3.05E-37	29	BSG	Immune-B cells
1.27E-85	0.65124758	0.99	0.852	4.29E-81	29	RPL37A	Immune-B cells
7.95E-48	0.65092711	0.955	0.666	2.68E-43	29	HSPB1	Immune-B cells
2.97E-81	0.65043663	0.271	0.045	1.00E-76	29	CDA	Immune-B cells
1.82E-47	0.64955466	0.57	0.234	6.12E-43	29	LGALS3	Immune-B cells
5.06E-94	0.6484497	0.271	0.04	1.71E-89	29	KIT	Immune-B cells
5.01E-62	0.6445089	0.283	0.061	1.69E-57	29	OXCT1	Immune-B cells
2.39E-38	0.63831962	0.777	0.448	8.04E-34	29	SLC25A6	Immune-B cells
6.65E-43	0.63446853	0.672	0.333	2.24E-38	29	DNAJA1	Immune-B cells
5.31E-39	0.63064987	0.662	0.349	1.79E-34	29	ATP6V1F	Immune-B cells
1.48E-42	0.62771367	0.525	0.222	4.98E-38	29	LINC00969	Immune-B cells
2.61E-42	0.62571025	0.608	0.285	8.78E-38	29	CKB	Immune-B cells
4.31E-152	0.62538318	0.252	0.023	#########	29	FAM13C	Immune-B cells
2.57E-130	0.61742469	0.283	0.033	#########	29	HEPACAM2	Immune-B cells
2.15E-43	0.61579711	0.548	0.233	7.23E-39	29	FOXP1	Immune-B cells
4.02E-33	0.61048572	0.541	0.25	1.35E-28	29	COX7A1	Immune-B cells
2.86E-45	0.61031371	0.729	0.366	9.63E-41	29	CHCHD10	Immune-B cells
1.41E-41	0.60988459	0.455	0.174	4.76E-37	29	RARRES3	Immune-B cells
7.34E-45	0.60975445	0.841	0.51	2.47E-40	29	RTN4	Immune-B cells
1.46E-68	0.60667551	0.334	0.074	4.91E-64	29	ATP6V0A4	Immune-B cells
1.40E-66	0.60191105	0.29	0.059	4.71E-62	29	ERP27	Immune-B cells
2.27E-47	0.5987709	0.363	0.111	7.65E-43	29	MOB1B	Immune-B cells
3.28E-45	0.59068828	0.815	0.432	1.10E-40	29	IER2	Immune-B cells
1.36E-42	0.58223551	0.427	0.156	4.57E-38	29	NEDD4L	Immune-B cells
1.23E-37	0.58117698	0.666	0.35	4.15E-33	29	VAPA	Immune-B cells
9.70E-40	0.58059474	0.28	0.078	3.27E-35	29	RGCC	Immune-B cells
3.92E-46	0.57546594	0.325	0.095	1.32E-41	29	SHROOM3	Immune-B cells
1.95E-44	0.57374514	0.417	0.148	6.55E-40	29	SLC25A39	Immune-B cells
2.38E-75	0.5736821	0.338	0.07	8.04E-71	29	GPAT3	Immune-B cells
1.16E-46	0.56965798	0.825	0.431	3.92E-42	29	DNAJB1	Immune-B cells
1.83E-40	0.56948426	0.822	0.486	6.16E-36	29	HSPE1	Immune-B cells
1.58E-30	0.56592465	0.433	0.188	5.33E-26	29	RARRES2	Immune-B cells
2.68E-40	0.56252733	0.908	0.574	9.04E-36	29	UBC	Immune-B cells

5.23E-33	0.55904195	0.71	0.407	1.76E-28	29	CYSTM1	Immune-B cells
1.34E-40	0.55893655	0.554	0.24	4.52E-36	29	ATP6V1A	Immune-B cells
2.76E-30	0.55811741	0.382	0.161	9.29E-26	29	MAP1LC3A	Immune-B cells
3.17E-51	0.54607212	0.965	0.731	1.07E-46	29	RPL6	Immune-B cells
2.44E-33	0.54131133	0.519	0.242	8.23E-29	29	PPP1R15A	Immune-B cells
1.28E-31	0.53906033	0.624	0.337	4.32E-27	29	SLC25A5	Immune-B cells
1.78E-44	0.53895878	0.446	0.155	6.00E-40	29	CLCNKB	Immune-B cells
7.89E-28	0.53569498	0.36	0.15	2.66E-23	29	ZMPSTE24	Immune-B cells
7.62E-36	0.53279604	0.366	0.132	2.57E-31	29	EPS8	Immune-B cells
1.89E-60	0.53001564	0.293	0.065	6.37E-56	29	TMPRSS2	Immune-B cells
9.21E-29	0.52402656	0.373	0.154	3.10E-24	29	DSG2	Immune-B cells
2.54E-38	0.51551076	0.325	0.105	8.57E-34	29	NUPR2	Immune-B cells
8.94E-27	0.5055149	0.424	0.194	3.01E-22	29	IFRD1	Immune-B cells
2.07E-26	0.5050971	0.446	0.215	6.96E-22	29	JADE1	Immune-B cells
2.91E-39	0.50483713	0.341	0.108	9.80E-35	29	CLDN8	Immune-B cells
3.49E-28	0.50408405	0.341	0.129	1.18E-23	29	RNF152	Immune-B cells
1.06E-26	0.49877231	0.576	0.31	3.58E-22	29	HSPA5	Immune-B cells
1.33E-87	0.4945786	0.812	0.287	4.50E-83	29	IGFBP5	Immune-B cells
2.94E-42	0.48736508	0.946	0.6	9.92E-38	29	FXYD2	Immune-B cells
2.02E-30	0.48155039	0.5	0.227	6.81E-26	29	NR4A1	Immune-B cells
6.61E-26	0.48107627	0.532	0.27	2.23E-21	29	KRT8	Immune-B cells
6.81E-42	0.47636669	0.971	0.771	2.30E-37	29	RPS24	Immune-B cells
7.01E-32	0.47355144	0.611	0.301	2.36E-27	29	HSPH1	Immune-B cells
6.85E-30	0.47218929	0.787	0.499	2.31E-25	29	RPL36A	Immune-B cells
2.52E-25	0.47188874	0.42	0.2	8.48E-21	29	ATP6V1E1	Immune-B cells
2.55E-29	0.46800669	0.701	0.392	8.60E-25	29	RPS10	Immune-B cells
2.34E-64	0.46759712	1	0.946	7.90E-60	29	RPL41	Immune-B cells
2.75E-32	0.46734385	0.876	0.62	9.25E-28	29	RPL14	Immune-B cells
8.16E-25	0.4670541	0.602	0.344	2.75E-20	29	COA3	Immune-B cells
7.21E-29	0.46336479	0.436	0.194	2.43E-24	29	NCOA7	Immune-B cells
1.71E-30	0.46317643	0.933	0.672	5.77E-26	29	EIF1	Immune-B cells
9.04E-53	0.46242281	0.28	0.064	3.05E-48	29	RHBG	Immune-B cells
2.43E-32	0.46153307	0.36	0.134	8.20E-28	29	MAGI1	Immune-B cells
8.57E-31	0.46131618	0.908	0.615	2.89E-26	29	RPL24	Immune-B cells
5.72E-48	0.46038885	0.36	0.102	1.93E-43	29	PCK1	Immune-B cells
4.73E-26	0.45759163	0.822	0.535	1.59E-21	29	COX6A1	Immune-B cells
1.77E-34	0.45552301	0.943	0.731	5.96E-30	29	RPS4X	Immune-B cells
1.51E-24	0.45323246	0.471	0.237	5.09E-20	29	GABARAPL	Immune-B cells
3.76E-30	0.45290885	0.758	0.424	1.27E-25	29	FOSB	Immune-B cells
2.85E-33	0.45092553	0.908	0.624	9.62E-29	29	RPS21	Immune-B cells
2.09E-30	0.45045764	0.901	0.614	7.05E-26	29	RPL5	Immune-B cells
2.00E-53	0.45034531	1	0.943	6.73E-49	29	RPS27	Immune-B cells
1.67E-21	0.4492261	0.331	0.149	5.62E-17	29	MKKS	Immune-B cells
3.02E-39	0.44619233	1	0.779	1.02E-34	29	HSP90AA1	Immune-B cells
1.35E-19	0.4459663	0.624	0.379	4.56E-15	29	GADD45B	Immune-B cells
9.68E-37	0.44048808	0.943	0.607	3.26E-32	29	HSPA1A	Immune-B cells
4.39E-32	0.44017591	0.404	0.155	1.48E-27	29	CLCNKA	Immune-B cells
1.01E-25	0.43793522	0.701	0.402	3.40E-21	29	HSPA8	Immune-B cells

3.26E-32	0.43736885	0.669	0.333	1.10E-27	29	MAL	Immune-B cells
2.10E-25	0.43681314	0.904	0.624	7.07E-21	29	UBB	Immune-B cells
2.50E-29	0.43212685	0.901	0.641	8.43E-25	29	UQCRQ	Immune-B cells
3.10E-17	0.42905479	0.653	0.427	1.05E-12	29	DBI	Immune-B cells
9.60E-23	0.42791812	0.503	0.258	3.24E-18	29	FAM107B	Immune-B cells
2.50E-20	0.42736185	0.576	0.337	8.44E-16	29	SEPP1	Immune-B cells
2.72E-23	0.42222129	0.589	0.326	9.17E-19	29	HSPD1	Immune-B cells
1.79E-19	0.42033282	0.29	0.126	6.03E-15	29	LIMS1	Immune-B cells
1.39E-22	0.4189332	0.589	0.334	4.68E-18	29	CCNL1	Immune-B cells
3.73E-17	0.41688404	0.296	0.139	1.26E-12	29	PLEKHJ1	Immune-B cells
4.32E-21	0.41655623	0.449	0.239	1.46E-16	29	C6orf48	Immune-B cells
6.16E-22	0.41483999	0.347	0.156	2.07E-17	29	SERTAD1	Immune-B cells
2.65E-21	0.41067596	0.726	0.461	8.91E-17	29	CHCHD2	Immune-B cells
9.91E-19	0.41024348	0.424	0.224	3.34E-14	29	GADD45A	Immune-B cells
2.42E-24	0.40897095	0.901	0.633	8.16E-20	29	RPL18	Immune-B cells
9.78E-23	0.40758133	0.258	0.098	3.30E-18	29	NRDC	Immune-B cells
2.18E-18	0.4071363	0.535	0.318	7.35E-14	29	SQSTM1	Immune-B cells
7.23E-29	0.40257491	0.962	0.721	2.44E-24	29	RPL27A	Immune-B cells
2.12E-20	0.40252458	0.525	0.301	7.16E-16	29	MSI2	Immune-B cells
2.73E-31	0.40146993	0.939	0.712	9.21E-27	29	RPL37	Immune-B cells
7.72E-19	0.40091145	0.268	0.112	2.60E-14	29	TRIB1	Immune-B cells
8.25E-21	0.39745817	0.535	0.3	2.78E-16	29	NDUFA6	Immune-B cells
7.50E-20	0.3969531	0.258	0.103	2.53E-15	29	LBH	Immune-B cells
1.12E-21	0.39591429	0.774	0.503	3.76E-17	29	NDUFS5	Immune-B cells
3.72E-19	0.39331209	0.599	0.357	1.25E-14	29	CEBPD	Immune-B cells
2.08E-22	0.39271286	0.268	0.103	7.01E-18	29	ITPR2	Immune-B cells
4.08E-30	0.39252641	0.981	0.792	1.37E-25	29	COX7C	Immune-B cells
2.22E-22	0.39231508	0.841	0.569	7.49E-18	29	HSP90AB1	Immune-B cells
2.21E-20	0.38932103	0.459	0.244	7.44E-16	29	PFN2	Immune-B cells
4.35E-25	0.38912977	0.892	0.617	1.46E-20	29	COX4I1	Immune-B cells
1.68E-25	0.38908394	0.955	0.712	5.66E-21	29	RPL15	Immune-B cells
2.04E-33	0.38718432	0.99	0.897	6.88E-29	29	RPL21	Immune-B cells
2.53E-34	0.38710365	0.987	0.845	8.51E-30	29	RPS6	Immune-B cells
4.29E-19	0.38608161	0.831	0.561	1.44E-14	29	CD9	Immune-B cells
1.90E-24	0.38593861	0.866	0.597	6.41E-20	29	MTRNR2L8	Immune-B cells
4.23E-36	0.38351331	0.987	0.849	1.43E-31	29	RPL36	Immune-B cells
2.31E-18	0.38339277	0.424	0.23	7.79E-14	29	C9orf16	Immune-B cells
4.76E-28	0.38269466	0.946	0.669	1.60E-23	29	RPS2	Immune-B cells
7.72E-15	0.38040147	0.315	0.161	2.60E-10	29	UHMK1	Immune-B cells
1.44E-18	0.37890152	0.844	0.637	4.86E-14	29	TXNIP	Immune-B cells
5.75E-22	0.3786609	0.85	0.592	1.94E-17	29	RPL30	Immune-B cells
2.10E-18	0.37833092	0.841	0.598	7.09E-14	29	COX7A2	Immune-B cells
1.08E-26	0.37828598	0.933	0.696	3.64E-22	29	RPL38	Immune-B cells
6.27E-24	0.37744383	0.946	0.722	2.11E-19	29	FAU	Immune-B cells
6.70E-25	0.37730332	0.927	0.725	2.26E-20	29	RPL8	Immune-B cells
4.51E-35	0.37684799	1	0.992	1.52E-30	29	MT-ND4L	Immune-B cells
3.13E-26	0.37342041	0.939	0.725	1.06E-21	29	RPS17	Immune-B cells
1.89E-20	0.37258573	0.618	0.367	6.37E-16	29	CYCS	Immune-B cells

2.03E-19	0.37147219	0.43	0.224	6.84E-15	29	ACAT1	Immune-B cells
1.97E-16	0.36980383	0.344	0.175	6.64E-12	29	MRPS5	Immune-B cells
1.60E-22	0.36635355	0.78	0.502	5.41E-18	29	COX8A	Immune-B cells
5.05E-26	0.36363268	0.962	0.764	1.70E-21	29	RPL31	Immune-B cells
1.43E-19	0.36318756	0.882	0.644	4.80E-15	29	ACTG1	Immune-B cells
7.44E-19	0.36245749	0.796	0.553	2.51E-14	29	TOMM7	Immune-B cells
3.73E-19	0.36012714	0.624	0.379	1.26E-14	29	SLIRP	Immune-B cells
1.02E-13	0.35556214	0.436	0.261	3.42E-09	29	BRD2	Immune-B cells
2.82E-19	0.35496293	0.857	0.599	9.50E-15	29	RPL7A	Immune-B cells
5.83E-29	0.35246505	0.271	0.089	1.97E-24	29	TSPAN7	Immune-B cells
4.78E-20	0.35063664	0.283	0.119	1.61E-15	29	FAM195A	Immune-B cells
6.53E-12	0.349817	0.389	0.235	2.20E-07	29	HNRNPA0	Immune-B cells
4.73E-24	0.34915608	0.847	0.525	1.59E-19	29	EGR1	Immune-B cells
2.08E-24	0.34894758	0.946	0.757	7.01E-20	29	RPL3	Immune-B cells
2.72E-15	0.34853638	0.312	0.156	9.17E-11	29	SDC2	Immune-B cells
1.36E-29	0.34803853	0.997	0.843	4.57E-25	29	RPS14	Immune-B cells
3.27E-18	0.34642076	0.828	0.601	1.10E-13	29	RPL23	Immune-B cells
3.08E-18	0.34633771	0.268	0.115	1.04E-13	29	PNPLA8	Immune-B cells
1.30E-16	0.34594327	0.535	0.322	4.38E-12	29	SVIP	Immune-B cells
1.29E-19	0.34542464	0.564	0.325	4.33E-15	29	VDAC1	Immune-B cells
4.33E-12	0.34528502	0.252	0.127	1.46E-07	29	MKNK2	Immune-B cells
1.15E-18	0.34073538	0.901	0.683	3.89E-14	29	RPS20	Immune-B cells
1.96E-12	0.33909645	0.268	0.136	6.60E-08	29	ARL4D	Immune-B cells
1.40E-13	0.3386803	0.385	0.221	4.72E-09	29	DMKN	Immune-B cells
2.18E-20	0.33853827	0.844	0.59	7.34E-16	29	UQCR11	Immune-B cells
8.36E-27	0.33508425	0.984	0.83	2.82E-22	29	RPS12	Immune-B cells
1.58E-18	0.3310778	0.487	0.265	5.32E-14	29	TFCP2L1	Immune-B cells
9.30E-21	0.32894988	0.917	0.645	3.13E-16	29	RPS16	Immune-B cells
3.95E-14	0.32832499	0.283	0.141	1.33E-09	29	COPRS	Immune-B cells
6.59E-23	0.32719681	0.978	0.801	2.22E-18	29	RPL11	Immune-B cells
4.46E-17	0.32680973	0.825	0.599	1.50E-12	29	RPL27	Immune-B cells
1.97E-19	0.32582822	0.885	0.606	6.64E-15	29	COX7B	Immune-B cells
1.54E-25	0.32486085	0.971	0.812	5.20E-21	29	ATP5E	Immune-B cells
1.93E-12	0.3245365	0.43	0.262	6.52E-08	29	DNAJB6	Immune-B cells
2.02E-28	0.32420518	0.994	0.881	6.80E-24	29	RPS18	Immune-B cells
9.88E-17	0.32247022	0.596	0.371	3.33E-12	29	EIF3K	Immune-B cells
3.11E-11	0.32189973	0.334	0.191	1.05E-06	29	DNAJB4	Immune-B cells
2.65E-28	0.32160186	0.968	0.676	8.93E-24	29	FOS	Immune-B cells
1.11E-15	0.32063296	0.535	0.312	3.73E-11	29	BTG2	Immune-B cells
1.24E-17	0.3176706	0.86	0.618	4.18E-13	29	ATP5L	Immune-B cells
5.01E-17	0.31765066	0.895	0.635	1.69E-12	29	RPL10A	Immune-B cells
6.73E-12	0.31380565	0.363	0.207	2.27E-07	29	TNFRSF12A	Immune-B cells
2.22E-16	0.31363815	0.497	0.289	7.48E-12	29	ADI1	Immune-B cells
1.00E-11	0.31273402	0.255	0.131	3.37E-07	29	TBC1D1	Immune-B cells
1.26E-13	0.30793119	0.283	0.141	4.26E-09	29	OGDHL	Immune-B cells
2.81E-15	0.30717024	0.825	0.602	9.45E-11	29	COX6C	Immune-B cells
5.66E-14	0.30636861	0.516	0.321	1.91E-09	29	TRMT112	Immune-B cells
2.15E-14	0.30522735	0.475	0.284	7.23E-10	29	COX7A2L	Immune-B cells

4.33E-16	0.3047576	0.854	0.576	1.46E-11	29	COX5B	Immune-B cells
1.79E-17	0.30128633	0.777	0.513	6.03E-13	29	UQCR10	Immune-B cells
2.57E-18	0.30074155	0.312	0.143	8.67E-14	29	11-532F12	Immune-B cells
1.95E-10	0.29963395	0.29	0.166	6.57E-06	29	MIEN1	Immune-B cells
2.19E-14	0.29844876	0.729	0.483	7.37E-10	29	RPSA	Immune-B cells
2.78E-18	0.29774635	0.78	0.509	9.37E-14	29	HLA-B	Immune-B cells
5.42E-20	0.29637592	0.745	0.463	1.82E-15	29	JUNB	Immune-B cells
3.52E-12	0.29540082	0.28	0.145	1.18E-07	29	BTG3	Immune-B cells
2.34E-21	0.29383392	0.987	0.82	7.89E-17	29	RPL26	Immune-B cells
6.12E-14	0.29244244	0.828	0.609	2.06E-09	29	USMG5	Immune-B cells
7.44E-13	0.29241145	0.484	0.302	2.51E-08	29	FAM133B	Immune-B cells
1.06E-13	0.29046111	0.271	0.131	3.56E-09	29	MARCKSL1	Immune-B cells
4.46E-16	0.28904357	0.873	0.647	1.50E-11	29	RPL22	Immune-B cells
2.00E-14	0.28761357	0.659	0.446	6.74E-10	29	COX17	Immune-B cells
3.96E-09	0.28518476	0.274	0.159	0.00013	29	CRYL1	Immune-B cells
4.16E-12	0.28477201	0.662	0.457	1.40E-07	29	OAZ1	Immune-B cells
2.41E-09	0.28361457	0.264	0.149	8.11E-05	29	PRKAA2	Immune-B cells
7.77E-11	0.28231212	0.252	0.133	2.62E-06	29	SLC3A2	Immune-B cells
4.50E-13	0.28149169	0.503	0.314	1.52E-08	29	SMDT1	Immune-B cells
2.64E-12	0.28141384	0.615	0.419	8.89E-08	29	ST13	Immune-B cells
1.73E-12	0.28062357	0.331	0.183	5.82E-08	29	ANP32A	Immune-B cells
1.57E-08	0.27947178	0.274	0.165	0.00053	29	GNG12	Immune-B cells
6.38E-15	0.27917872	0.869	0.595	2.15E-10	29	PPDPF	Immune-B cells
7.53E-22	0.27849531	0.99	0.869	2.54E-17	29	RPL32	Immune-B cells
4.57E-14	0.27814164	0.586	0.375	1.54E-09	29	ATP5H	Immune-B cells
1.29E-12	0.27589057	0.443	0.27	4.34E-08	29	GLTSCR2	Immune-B cells
2.44E-10	0.2752671	0.494	0.332	8.22E-06	29	NDUFB8	Immune-B cells
2.19E-19	0.27477416	0.949	0.644	7.38E-15	29	HSPA1B	Immune-B cells
1.27E-17	0.27475715	0.975	0.808	4.27E-13	29	RPS25	Immune-B cells
9.74E-08	0.2722109	0.436	0.302	0.00328	29	ID2	Immune-B cells
5.56E-13	0.27046704	0.258	0.126	1.87E-08	29	ATP6V1H	Immune-B cells
1.17E-18	0.26913064	0.334	0.151	3.96E-14	29	KCTD12	Immune-B cells
6.26E-13	0.26862574	0.494	0.303	2.11E-08	29	COX5A	Immune-B cells
3.96E-10	0.2655556	0.261	0.144	1.33E-05	29	FAM60A	Immune-B cells
3.94E-23	0.26538576	0.997	0.952	1.33E-18	29	RPL34	Immune-B cells
4.97E-14	0.2647078	0.783	0.534	1.67E-09	29	KLF6	Immune-B cells
7.76E-12	0.26416075	0.449	0.284	2.61E-07	29	AURKAIP1	Immune-B cells
5.66E-11	0.26412278	0.299	0.167	1.91E-06	29	TTC1	Immune-B cells
4.77E-21	0.2622717	0.987	0.897	1.61E-16	29	RPL39	Immune-B cells
6.98E-11	0.26211873	0.497	0.327	2.35E-06	29	NDUFA5	Immune-B cells
2.02E-11	0.26145448	0.503	0.315	6.81E-07	29	ELF3	Immune-B cells
1.34E-07	0.25995699	0.373	0.244	0.00453	29	ANXA4	Immune-B cells
2.44E-17	0.25918498	0.984	0.862	8.21E-13	29	RPS28	Immune-B cells
6.40E-10	0.25566814	0.65	0.464	2.16E-05	29	ATP5D	Immune-B cells
2.19E-10	0.255252	0.408	0.254	7.36E-06	29	MIR4458H	Immune-B cells
1.32E-08	0.25513087	0.347	0.222	0.00044	29	NDUFV2	Immune-B cells
6.30E-11	0.25472374	0.404	0.247	2.12E-06	29	MPC1	Immune-B cells
9.53E-13	0.25463485	0.659	0.437	3.21E-08	29	NDUFB9	Immune-B cells

8.79E-13	0.25449368	0.803	0.564	2.96E-08	29	DUSP1	Immune-B cells
5.51E-10	0.25025507	0.296	0.17	1.86E-05	29	SLC25A4	Immune-B cells
5.21E-144	1.75421484	0.935	0.411	#########	30	CRYAB	Immune-Neutrophil
4.82E-157	1.70028176	0.711	0.166	#########	30	ID3	Immune-Neutrophil
3.11E-175	1.57243144	0.718	0.16	#########	30	NUPR1	Immune-Neutrophil
6.20E-126	1.54350103	0.687	0.189	#########	30	ID1	Immune-Neutrophil
1.04E-143	1.53712469	0.966	0.462	#########	30	JUNB	Immune-Neutrophil
3.21E-91	1.51235175	0.48	0.117	1.08E-86	30	CCL2	Immune-Neutrophil
1.23E-149	1.49754992	0.786	0.219	#########	30	SOCS3	Immune-Neutrophil
3.42E-172	1.46691111	0.711	0.154	#########	30	IRF1	Immune-Neutrophil
6.57E-166	1.37746983	0.643	0.132	#########	30	ID4	Immune-Neutrophil
3.19E-129	1.37171125	0.779	0.24	#########	30	PPP1R15A	Immune-Neutrophil
8.40E-190	1.34720665	0.432	0.051	#########	30	IGFBP3	Immune-Neutrophil
5.10E-117	1.28619673	0.844	0.31	#########	30	BTG2	Immune-Neutrophil
2.89E-118	1.27656884	0.667	0.182	#########	30	CYR61	Immune-Neutrophil
8.83E-102	1.25558551	0.871	0.377	2.98E-97	30	GADD45B	Immune-Neutrophil
2.18E-108	1.24204417	0.932	0.432	#########	30	IER2	Immune-Neutrophil
6.51E-116	1.23659448	0.871	0.313	#########	30	ATF3	Immune-Neutrophil
8.90E-98	1.16235833	0.82	0.313	3.00E-93	30	ELF3	Immune-Neutrophil
2.46E-116	1.14781979	0.612	0.149	#########	30	ADAMTS1	Immune-Neutrophil
2.97E-107	1.14321305	0.99	0.6	#########	30	JUN	Immune-Neutrophil
4.29E-109	1.123291	0.68	0.211	#########	30	PAX8	Immune-Neutrophil
6.05E-93	1.11369648	0.728	0.258	2.04E-88	30	SRSF7	Immune-Neutrophil
2.47E-121	1.10073684	0.524	0.108	#########	30	MAFF	Immune-Neutrophil
8.79E-86	1.09925123	0.908	0.436	2.96E-81	30	ZFP36	Immune-Neutrophil
2.69E-93	1.08434185	0.639	0.193	9.05E-89	30	NCOA7	Immune-Neutrophil
3.68E-98	1.07982996	0.745	0.245	1.24E-93	30	CLDN4	Immune-Neutrophil
8.64E-82	1.07025479	0.952	0.525	2.91E-77	30	EGR1	Immune-Neutrophil
2.02E-73	1.06943704	0.656	0.24	6.82E-69	30	RASD1	Immune-Neutrophil
2.37E-58	1.03974386	0.701	0.309	7.99E-54	30	HSPA5	Immune-Neutrophil
1.02E-95	1.03103369	0.796	0.298	3.43E-91	30	TACSTD2	Immune-Neutrophil
2.43E-154	1.02667366	0.646	0.13	#########	30	PFKFB3	Immune-Neutrophil
4.75E-140	1.02667076	0.558	0.11	#########	30	ODC1	Immune-Neutrophil
1.27E-80	1.00764626	0.643	0.22	4.27E-76	30	CITED2	Immune-Neutrophil
1.99E-77	1.0076399	0.905	0.424	6.72E-73	30	FOSB	Immune-Neutrophil
2.50E-75	1.00763748	0.898	0.444	8.41E-71	30	HES1	Immune-Neutrophil
3.81E-106	0.99369503	0.616	0.16	#########	30	H1F0	Immune-Neutrophil
4.93E-95	0.97605766	0.969	0.655	1.66E-90	30	H3F3B	Immune-Neutrophil
7.89E-73	0.97472207	0.793	0.356	2.66E-68	30	CEBPD	Immune-Neutrophil
2.17E-80	0.96912747	0.884	0.431	7.32E-76	30	DNAJB1	Immune-Neutrophil
2.40E-86	0.96411221	0.544	0.143	8.09E-82	30	CTGF	Immune-Neutrophil
2.92E-99	0.95731298	0.69	0.207	9.83E-95	30	LINC01320	Immune-Neutrophil
4.96E-68	0.93366224	0.854	0.502	1.67E-63	30	PEBP1	Immune-Neutrophil
7.94E-121	0.92228161	0.486	0.093	#########	30	HIST1H1C	Immune-Neutrophil
2.60E-81	0.91778365	0.99	0.676	8.75E-77	30	FOS	Immune-Neutrophil
3.71E-186	0.90249116	0.537	0.078	#########	30	GMDS	Immune-Neutrophil
1.02E-228	0.89759619	0.435	0.043	#########	30	CPE	Immune-Neutrophil
2.66E-76	0.89489619	0.796	0.332	8.95E-72	30	DNAJA1	Immune-Neutrophil

3.34E-99	0.88439453	0.541	0.131	1.13E-94	30	CPVL	Immune-Neutrophil
1.49E-68	0.87356903	0.769	0.332	5.03E-64	30	CCNL1	Immune-Neutrophil
3.63E-68	0.8702015	0.789	0.369	1.22E-63	30	TPM1	Immune-Neutrophil
1.57E-73	0.86844017	0.956	0.607	5.28E-69	30	HSPA1A	Immune-Neutrophil
2.92E-56	0.84709673	0.721	0.31	9.85E-52	30	NFKBIA	Immune-Neutrophil
6.65E-128	0.83518243	0.541	0.106	#########	30	RNF144B	Immune-Neutrophil
3.33E-63	0.82336558	0.711	0.304	1.12E-58	30	BCAM	Immune-Neutrophil
1.82E-114	0.81768074	0.391	0.064	#########	30	TFPI2	Immune-Neutrophil
2.32E-138	0.817461	0.66	0.145	#########	30	SOD3	Immune-Neutrophil
2.18E-140	0.81112357	0.5	0.086	#########	30	FOXC1	Immune-Neutrophil
1.73E-47	0.79531904	0.728	0.344	5.83E-43	30	HLA-E	Immune-Neutrophil
5.93E-65	0.7931564	0.976	0.644	2.00E-60	30	HSPA1B	Immune-Neutrophil
0	0.79261204	0.272	0.011	0	30	C116366.	Immune-Neutrophil
1.06E-76	0.7846177	0.595	0.187	3.56E-72	30	PERP	Immune-Neutrophil
1.76E-79	0.77076663	0.636	0.196	5.92E-75	30	KLF10	Immune-Neutrophil
1.17E-49	0.76543482	0.558	0.211	3.93E-45	30	C8orf4	Immune-Neutrophil
6.93E-168	0.76046276	0.466	0.063	#########	30	AKR1C1	Immune-Neutrophil
1.53E-77	0.75732958	0.456	0.112	5.16E-73	30	RND3	Immune-Neutrophil
2.38E-54	0.74403458	0.544	0.19	8.01E-50	30	DNAJB4	Immune-Neutrophil
1.44E-88	0.74164959	0.517	0.132	4.84E-84	30	PDXK	Immune-Neutrophil
3.84E-301	0.74134087	0.378	0.025	#########	30	IRX3	Immune-Neutrophil
1.10E-51	0.73834974	0.667	0.278	3.72E-47	30	LMNA	Immune-Neutrophil
6.88E-38	0.72420678	0.626	0.301	2.32E-33	30	ID2	Immune-Neutrophil
1.59E-43	0.71937298	0.67	0.301	5.36E-39	30	SNHG9	Immune-Neutrophil
8.63E-187	0.70998214	0.357	0.035	#########	30	PHYHIPL	Immune-Neutrophil
3.12E-60	0.70178173	0.548	0.181	1.05E-55	30	ERRFI1	Immune-Neutrophil
5.40E-49	0.69550129	0.718	0.326	1.82E-44	30	HSPD1	Immune-Neutrophil
9.46E-54	0.69060506	0.629	0.254	3.19E-49	30	MRPS6	Immune-Neutrophil
3.13E-45	0.68840373	0.313	0.085	1.05E-40	30	MTRNR2L1	Immune-Neutrophil
1.65E-86	0.68635238	0.435	0.097	5.57E-82	30	EFNA1	Immune-Neutrophil
6.57E-70	0.68499435	0.466	0.124	2.21E-65	30	PLEKHH2	Immune-Neutrophil
1.05E-212	0.6817621	0.418	0.042	#########	30	CRNDE	Immune-Neutrophil
3.05E-107	0.68035152	0.391	0.067	#########	30	EGOT	Immune-Neutrophil
2.23E-59	0.66660846	0.99	0.779	7.51E-55	30	HSP90AA1	Immune-Neutrophil
4.42E-64	0.66426592	0.656	0.226	1.49E-59	30	NR4A1	Immune-Neutrophil
3.41E-50	0.66363891	0.541	0.195	1.15E-45	30	THBS1	Immune-Neutrophil
2.90E-44	0.66148697	0.731	0.352	9.76E-40	30	MCL1	Immune-Neutrophil
7.25E-60	0.65989422	0.548	0.181	2.44E-55	30	CLDN3	Immune-Neutrophil
4.11E-25	0.65540314	0.34	0.135	1.38E-20	30	HSPA6	Immune-Neutrophil
7.76E-50	0.65119183	0.622	0.26	2.61E-45	30	ARHGAP29	Immune-Neutrophil
2.75E-53	0.65050933	0.568	0.2	9.27E-49	30	RPS4Y1	Immune-Neutrophil
1.60E-58	0.63467744	0.398	0.108	5.39E-54	30	TNFRSF11B	Immune-Neutrophil
9.29E-63	0.63427226	0.507	0.155	3.13E-58	30	SDC2	Immune-Neutrophil
1.28E-72	0.6324132	0.32	0.063	4.31E-68	30	ARL5B	Immune-Neutrophil
2.30E-58	0.62859589	0.5	0.155	7.75E-54	30	SERTAD1	Immune-Neutrophil
5.23E-62	0.62556737	0.592	0.199	1.76E-57	30	BICC1	Immune-Neutrophil
1.97E-85	0.62393236	0.422	0.089	6.65E-81	30	PMAIP1	Immune-Neutrophil
2.72E-47	0.6236863	0.915	0.574	9.16E-43	30	UBC	Immune-Neutrophil

3.37E-50	0.6225425	0.432	0.136	1.13E-45	30	HEXIM1	Immune-Neutrophil
7.07E-44	0.62013289	0.677	0.3	2.38E-39	30	HSPH1	Immune-Neutrophil
1.95E-97	0.61883162	0.456	0.094	6.58E-93	30	PROM1	Immune-Neutrophil
1.21E-122	0.61133993	0.374	0.056	#########	30	EHF	Immune-Neutrophil
5.75E-37	0.60771081	0.854	0.569	1.94E-32	30	HSP90AB1	Immune-Neutrophil
6.55E-114	0.59959375	0.299	0.039	#########	30	11-295M3	Immune-Neutrophil
2.56E-66	0.5985681	0.418	0.109	8.62E-62	30	SCCPDH	Immune-Neutrophil
1.96E-147	0.59751343	0.347	0.04	#########	30	SPOCK2	Immune-Neutrophil
7.63E-46	0.59663846	0.803	0.394	2.57E-41	30	S100A13	Immune-Neutrophil
1.51E-129	0.5934877	0.255	0.025	#########	30	HIST1H2BC	Immune-Neutrophil
9.75E-35	0.59253694	0.619	0.304	3.28E-30	30	HERPUD1	Immune-Neutrophil
3.51E-40	0.56919877	0.959	0.757	1.18E-35	30	RPL3	Immune-Neutrophil
1.99E-182	0.5671474	0.279	0.022	#########	30	LIX1	Immune-Neutrophil
8.69E-41	0.56504767	0.782	0.403	2.93E-36	30	TSC22D1	Immune-Neutrophil
1.04E-33	0.56109377	0.452	0.177	3.51E-29	30	TD-3252C9	Immune-Neutrophil
8.34E-39	0.56107233	0.384	0.131	2.81E-34	30	MARCKSL1	Immune-Neutrophil
1.51E-62	0.55952683	0.364	0.086	5.09E-58	30	PDGFA	Immune-Neutrophil
1.53E-32	0.55081368	0.888	0.564	5.17E-28	30	DUSP1	Immune-Neutrophil
1.41E-89	0.54995826	0.388	0.075	4.74E-85	30	SYNGR1	Immune-Neutrophil
9.09E-33	0.53992775	0.609	0.281	3.06E-28	30	GDF15	Immune-Neutrophil
3.69E-35	0.53932133	0.765	0.402	1.24E-30	30	HSPA8	Immune-Neutrophil
1.82E-40	0.53215209	0.391	0.129	6.12E-36	30	DNAJB9	Immune-Neutrophil
3.46E-39	0.53091036	0.82	0.455	1.16E-34	30	BTG1	Immune-Neutrophil
2.52E-28	0.52692721	0.908	0.644	8.51E-24	30	ACTG1	Immune-Neutrophil
1.24E-40	0.52568315	0.636	0.284	4.18E-36	30	C090498.	Immune-Neutrophil
1.99E-33	0.52427207	0.867	0.573	6.69E-29	30	GSTP1	Immune-Neutrophil
2.61E-65	0.52348713	0.459	0.126	8.81E-61	30	MYO9A	Immune-Neutrophil
9.18E-41	0.52254197	0.551	0.223	3.09E-36	30	MAP1LC3E	Immune-Neutrophil
2.16E-35	0.52102721	0.929	0.672	7.29E-31	30	EIF1	Immune-Neutrophil
1.84E-27	0.52031127	0.895	0.624	6.19E-23	30	UBB	Immune-Neutrophil
2.37E-43	0.51846581	0.33	0.093	7.98E-39	30	C1orf186	Immune-Neutrophil
1.69E-40	0.51680659	0.51	0.195	5.70E-36	30	TLE4	Immune-Neutrophil
2.53E-36	0.51630262	0.585	0.269	8.53E-32	30	SYNE2	Immune-Neutrophil
1.99E-51	0.51479795	0.306	0.074	6.71E-47	30	SPX	Immune-Neutrophil
6.52E-96	0.51107343	0.333	0.054	2.20E-91	30	HIST1H1E	Immune-Neutrophil
2.81E-31	0.50974242	0.636	0.312	9.47E-27	30	NFKBIZ	Immune-Neutrophil
4.68E-148	0.50616381	0.313	0.034	#########	30	CDKL2	Immune-Neutrophil
1.15E-33	0.5059813	0.463	0.18	3.88E-29	30	DDIT3	Immune-Neutrophil
1.34E-34	0.49885247	0.67	0.322	4.52E-30	30	PNRC1	Immune-Neutrophil
3.60E-28	0.49855757	0.837	0.551	1.21E-23	30	DDX5	Immune-Neutrophil
2.50E-35	0.49390156	0.925	0.601	8.43E-31	30	FXYD2	Immune-Neutrophil
9.10E-105	0.49258005	0.255	0.031	#########	30	PRSS22	Immune-Neutrophil
4.36E-22	0.48721238	0.361	0.153	1.47E-17	30	MRPL18	Immune-Neutrophil
5.33E-41	0.48537675	0.452	0.157	1.80E-36	30	EMP1	Immune-Neutrophil
5.28E-31	0.48532796	0.942	0.682	1.78E-26	30	SAT1	Immune-Neutrophil
1.26E-30	0.48397772	0.684	0.345	4.25E-26	30	EPCAM	Immune-Neutrophil
2.96E-48	0.48309864	0.463	0.153	9.97E-44	30	C14orf105	Immune-Neutrophil
1.40E-32	0.48257508	0.639	0.308	4.73E-28	30	TRA2A	Immune-Neutrophil

6.23E-51	0.47667117	0.412	0.121	2.10E-46	30	DYNC2LI1	Immune-Neutrophil
2.05E-35	0.47592947	0.548	0.232	6.92E-31	30	STMN1	Immune-Neutrophil
6.63E-49	0.4720599	0.449	0.142	2.23E-44	30	H1FX	Immune-Neutrophil
1.09E-82	0.47134729	0.364	0.071	3.67E-78	30	CNP	Immune-Neutrophil
4.03E-29	0.46862374	0.786	0.453	1.36E-24	30	MTRNR2L1	Immune-Neutrophil
3.64E-99	0.46650335	0.31	0.046	1.23E-94	30	CTTNBP2	Immune-Neutrophil
1.21E-21	0.46362487	0.779	0.486	4.09E-17	30	HSPE1	Immune-Neutrophil
2.15E-29	0.46232799	0.571	0.276	7.26E-25	30	LEPROT	Immune-Neutrophil
1.42E-38	0.46001576	0.626	0.276	4.78E-34	30	AIF1L	Immune-Neutrophil
3.70E-132	0.45986205	0.299	0.034	##########	30	THSD4	Immune-Neutrophil
2.62E-26	0.45679919	0.704	0.407	8.82E-22	30	CYSTM1	Immune-Neutrophil
2.75E-41	0.45606076	0.279	0.073	9.27E-37	30	LPIN1	Immune-Neutrophil
4.42E-84	0.45586505	0.259	0.038	1.49E-79	30	OR2A1-AS1	Immune-Neutrophil
1.15E-45	0.45433468	0.415	0.131	3.88E-41	30	EPS8L2	Immune-Neutrophil
9.74E-49	0.45198622	0.371	0.105	3.28E-44	30	HOXB6	Immune-Neutrophil
2.44E-24	0.45094762	0.524	0.26	8.24E-20	30	BRD2	Immune-Neutrophil
4.64E-46	0.45015045	0.32	0.085	1.56E-41	30	ARHGEF35	Immune-Neutrophil
1.20E-30	0.4483881	0.653	0.317	4.06E-26	30	SQSTM1	Immune-Neutrophil
6.22E-36	0.44691831	0.517	0.207	2.10E-31	30	EIF5A	Immune-Neutrophil
8.73E-24	0.44623252	0.452	0.209	2.94E-19	30	KCNQ1OT1	Immune-Neutrophil
6.99E-31	0.44511044	0.558	0.248	2.36E-26	30	TOB1	Immune-Neutrophil
2.58E-32	0.44262588	0.476	0.194	8.71E-28	30	IFRD1	Immune-Neutrophil
1.52E-48	0.4410254	0.483	0.162	5.11E-44	30	SYNE1	Immune-Neutrophil
4.32E-38	0.43724198	0.357	0.113	1.45E-33	30	MYADM	Immune-Neutrophil
2.30E-32	0.43355457	0.507	0.216	7.76E-28	30	HCFC1R1	Immune-Neutrophil
4.69E-33	0.43331279	0.517	0.218	1.58E-28	30	XBP1	Immune-Neutrophil
9.41E-27	0.43281868	0.286	0.098	3.17E-22	30	FAM53C	Immune-Neutrophil
1.64E-38	0.43101197	0.486	0.182	5.53E-34	30	KIF12	Immune-Neutrophil
6.67E-30	0.42570261	0.286	0.091	2.25E-25	30	P1-313I6.1	Immune-Neutrophil
5.56E-20	0.42414189	0.83	0.509	1.87E-15	30	RHOB	Immune-Neutrophil
5.13E-22	0.42093811	0.874	0.615	1.73E-17	30	RPL24	Immune-Neutrophil
2.77E-29	0.41993284	0.456	0.19	9.32E-25	30	NAMPT	Immune-Neutrophil
1.25E-32	0.41918565	0.51	0.212	4.20E-28	30	GSTM3	Immune-Neutrophil
1.40E-25	0.41907825	0.378	0.15	4.73E-21	30	WEE1	Immune-Neutrophil
1.64E-30	0.41866268	0.633	0.307	5.52E-26	30	SNHG8	Immune-Neutrophil
4.49E-97	0.41461903	0.323	0.05	1.51E-92	30	HOXA10	Immune-Neutrophil
2.09E-55	0.41441158	0.33	0.078	7.05E-51	30	HIST1H2AC	Immune-Neutrophil
7.35E-23	0.41073281	0.776	0.496	2.48E-18	30	HNRNPA1	Immune-Neutrophil
1.67E-22	0.40995085	0.721	0.438	5.63E-18	30	NPM1	Immune-Neutrophil
1.68E-48	0.40984112	0.269	0.061	5.68E-44	30	ABHD5	Immune-Neutrophil
6.26E-24	0.4097306	0.68	0.392	2.11E-19	30	RPS10	Immune-Neutrophil
1.82E-27	0.40938258	0.952	0.747	6.14E-23	30	RPL7	Immune-Neutrophil
1.07E-28	0.40928103	0.707	0.364	3.61E-24	30	SPINT2	Immune-Neutrophil
3.48E-25	0.40361335	0.748	0.447	1.17E-20	30	EIF4A2	Immune-Neutrophil
2.13E-23	0.40270375	0.684	0.386	7.18E-19	30	SRSF3	Immune-Neutrophil
6.31E-29	0.40040253	0.524	0.238	2.13E-24	30	C6orf48	Immune-Neutrophil
1.47E-42	0.39961717	0.265	0.066	4.94E-38	30	PHLDB1	Immune-Neutrophil
7.35E-25	0.39906263	0.33	0.125	2.47E-20	30	BAG3	Immune-Neutrophil

7.56E-34	0.39831586	0.286	0.084	2.55E-29	30	HES4	Immune-Neutrophil
4.52E-31	0.39784778	0.412	0.159	1.52E-26	30	PARD6B	Immune-Neutrophil
9.77E-33	0.39768834	0.469	0.19	3.29E-28	30	TAF7	Immune-Neutrophil
1.74E-21	0.39724931	0.568	0.301	5.85E-17	30	FAM133B	Immune-Neutrophil
1.03E-30	0.39711874	0.49	0.204	3.47E-26	30	PTP4A1	Immune-Neutrophil
2.00E-16	0.39660052	0.799	0.534	6.74E-12	30	KLF6	Immune-Neutrophil
1.07E-38	0.39627589	0.361	0.113	3.59E-34	30	JAG1	Immune-Neutrophil
2.54E-34	0.3958901	0.527	0.221	8.57E-30	30	YTHDC1	Immune-Neutrophil
9.99E-23	0.39410635	0.881	0.62	3.36E-18	30	RPL14	Immune-Neutrophil
1.01E-24	0.39346817	0.721	0.394	3.40E-20	30	SOX4	Immune-Neutrophil
4.31E-54	0.39251265	0.276	0.059	1.45E-49	30	ANKRD37	Immune-Neutrophil
2.13E-32	0.39234341	0.422	0.159	7.19E-28	30	PPP1R10	Immune-Neutrophil
2.15E-24	0.39174903	0.364	0.146	7.26E-20	30	HN1	Immune-Neutrophil
2.57E-21	0.3916884	0.432	0.201	8.66E-17	30	INTS6	Immune-Neutrophil
5.27E-35	0.39078183	0.588	0.251	1.78E-30	30	SLC5A3	Immune-Neutrophil
1.76E-21	0.39011122	0.854	0.615	5.94E-17	30	RPL5	Immune-Neutrophil
5.55E-21	0.38979621	0.531	0.268	1.87E-16	30	MIDN	Immune-Neutrophil
2.48E-27	0.38764912	0.483	0.214	8.35E-23	30	BCLAF1	Immune-Neutrophil
1.08E-38	0.38708184	0.49	0.183	3.62E-34	30	ARRDC3	Immune-Neutrophil
9.74E-41	0.38689186	0.35	0.106	3.28E-36	30	SNHG7	Immune-Neutrophil
4.65E-61	0.38661815	0.296	0.061	1.57E-56	30	SGIP1	Immune-Neutrophil
1.90E-27	0.38420592	0.35	0.132	6.40E-23	30	CCND1	Immune-Neutrophil
2.61E-24	0.38388523	0.622	0.33	8.78E-20	30	FUS	Immune-Neutrophil
1.79E-21	0.38253361	0.605	0.323	6.03E-17	30	SOD2	Immune-Neutrophil
7.79E-34	0.38158655	0.422	0.158	2.63E-29	30	TALDO1	Immune-Neutrophil
3.27E-21	0.38076556	0.83	0.565	1.10E-16	30	CIRBP	Immune-Neutrophil
6.62E-18	0.37982937	0.898	0.666	2.23E-13	30	HSPB1	Immune-Neutrophil
2.18E-25	0.37953149	0.289	0.103	7.33E-21	30	KDM6B	Immune-Neutrophil
2.72E-32	0.37881361	0.412	0.157	9.17E-28	30	RSL1D1	Immune-Neutrophil
1.99E-20	0.37869997	0.735	0.45	6.72E-16	30	BTF3	Immune-Neutrophil
1.97E-54	0.37862328	0.276	0.059	6.63E-50	30	GALNT14	Immune-Neutrophil
3.91E-28	0.37295047	0.422	0.172	1.32E-23	30	HMGB2	Immune-Neutrophil
1.93E-29	0.37250613	0.313	0.106	6.50E-25	30	ZC3HAV1	Immune-Neutrophil
7.16E-47	0.37090644	0.337	0.09	2.41E-42	30	TMEM38B	Immune-Neutrophil
1.16E-36	0.36912823	0.381	0.127	3.91E-32	30	UTRN	Immune-Neutrophil
1.95E-29	0.36900358	0.524	0.234	6.57E-25	30	HNRNPA0	Immune-Neutrophil
2.09E-59	0.36754804	0.33	0.074	7.05E-55	30	HOXA9	Immune-Neutrophil
3.43E-45	0.36717067	0.425	0.133	1.16E-40	30	SKIL	Immune-Neutrophil
1.96E-23	0.36296535	0.435	0.2	6.61E-19	30	CNDP2	Immune-Neutrophil
1.27E-38	0.3613524	0.378	0.122	4.28E-34	30	COL4A2	Immune-Neutrophil
9.07E-25	0.36014486	0.5	0.237	3.06E-20	30	BEX4	Immune-Neutrophil
1.53E-38	0.35952079	0.374	0.121	5.15E-34	30	OXR1	Immune-Neutrophil
1.94E-34	0.35815248	0.327	0.102	6.55E-30	30	DEPTOR	Immune-Neutrophil
2.36E-23	0.35699321	0.381	0.16	7.96E-19	30	TGIF1	Immune-Neutrophil
1.74E-19	0.35693272	0.626	0.344	5.87E-15	30	YBX3	Immune-Neutrophil
2.39E-39	0.3561173	0.408	0.135	8.05E-35	30	IGFBP2	Immune-Neutrophil
3.11E-21	0.35601118	0.946	0.74	1.05E-16	30	RPS3A	Immune-Neutrophil
1.70E-21	0.35582631	0.398	0.179	5.73E-17	30	CDKN1A	Immune-Neutrophil

2.55E-20	0.35577879	0.891	0.633	8.59E-16	30	RPL18	Immune-Neutrophil
2.88E-28	0.3542491	0.983	0.921	9.69E-24	30	EEF1A1	Immune-Neutrophil
1.11E-26	0.35127334	0.52	0.237	3.74E-22	30	GABARAPL	Immune-Neutrophil
4.51E-17	0.35117267	0.724	0.448	1.52E-12	30	SLC25A6	Immune-Neutrophil
4.95E-25	0.35038511	0.32	0.12	1.67E-20	30	MYLIP	Immune-Neutrophil
1.99E-35	0.34975773	0.31	0.093	6.69E-31	30	KLF5	Immune-Neutrophil
1.62E-33	0.34912736	0.357	0.122	5.46E-29	30	ILF3-AS1	Immune-Neutrophil
5.75E-300	0.34895556	0.34	0.02	#########	30	HBB	Immune-Neutrophil
4.54E-39	0.34883625	0.347	0.104	1.53E-34	30	PDZK1	Immune-Neutrophil
4.36E-24	0.34858588	0.439	0.198	1.47E-19	30	EIF3L	Immune-Neutrophil
1.66E-23	0.34846463	0.354	0.143	5.61E-19	30	PCF11	Immune-Neutrophil
6.49E-23	0.34532603	0.503	0.246	2.19E-18	30	RSRP1	Immune-Neutrophil
1.18E-45	0.34174104	0.347	0.096	3.96E-41	30	HNF1B	Immune-Neutrophil
9.55E-72	0.34072439	0.262	0.043	3.22E-67	30	HIST2H2BE	Immune-Neutrophil
2.62E-31	0.33805197	0.316	0.103	8.83E-27	30	LBH	Immune-Neutrophil
6.67E-91	0.33786638	0.252	0.033	2.25E-86	30	SIM2	Immune-Neutrophil
7.41E-42	0.33784942	0.35	0.101	2.50E-37	30	S100A14	Immune-Neutrophil
3.83E-26	0.33744245	0.476	0.215	1.29E-21	30	SNRPN	Immune-Neutrophil
9.20E-11	0.33572913	0.265	0.135	3.10E-06	30	AKR1B1	Immune-Neutrophil
1.59E-18	0.33560719	0.929	0.713	5.37E-14	30	RPL15	Immune-Neutrophil
4.08E-22	0.33560384	0.282	0.102	1.37E-17	30	PCK1	Immune-Neutrophil
1.25E-46	0.33465756	0.279	0.066	4.22E-42	30	SESN3	Immune-Neutrophil
2.23E-44	0.33309138	0.432	0.137	7.50E-40	30	TBC1D4	Immune-Neutrophil
1.28E-20	0.33197107	0.52	0.262	4.32E-16	30	DNAJB6	Immune-Neutrophil
4.84E-30	0.33116154	0.833	0.504	1.63E-25	30	CLU	Immune-Neutrophil
2.04E-27	0.33110634	0.418	0.172	6.87E-23	30	FARP1	Immune-Neutrophil
2.66E-62	0.33023923	0.282	0.055	8.95E-58	30	PHGDH	Immune-Neutrophil
1.21E-21	0.32999439	0.633	0.338	4.09E-17	30	SAP18	Immune-Neutrophil
1.01E-20	0.32865317	0.517	0.263	3.41E-16	30	HIPK2	Immune-Neutrophil
2.31E-24	0.32863342	0.548	0.262	7.78E-20	30	STAT3	Immune-Neutrophil
3.79E-25	0.32837723	0.272	0.094	1.28E-20	30	RNASET2	Immune-Neutrophil
2.36E-34	0.32801013	0.364	0.122	7.94E-30	30	INADL	Immune-Neutrophil
4.49E-15	0.32470776	0.276	0.122	1.51E-10	30	CXCL2	Immune-Neutrophil
9.16E-20	0.32408352	0.633	0.352	3.09E-15	30	VAMP2	Immune-Neutrophil
1.31E-16	0.32160024	0.255	0.106	4.41E-12	30	C-444N24	Immune-Neutrophil
2.76E-15	0.31943977	0.844	0.599	9.29E-11	30	RPL7A	Immune-Neutrophil
1.65E-31	0.31861786	0.367	0.13	5.55E-27	30	CLSTN1	Immune-Neutrophil
5.38E-30	0.31754706	0.31	0.104	1.81E-25	30	EIF4A3	Immune-Neutrophil
5.42E-40	0.3160757	0.374	0.117	1.83E-35	30	ZCCHC11	Immune-Neutrophil
4.29E-25	0.31606597	0.255	0.083	1.45E-20	30	S100A1	Immune-Neutrophil
4.14E-26	0.31386881	0.497	0.221	1.40E-21	30	DMKN	Immune-Neutrophil
1.39E-28	0.31355293	0.395	0.152	4.68E-24	30	ADAM10	Immune-Neutrophil
2.66E-23	0.31342015	0.432	0.194	8.97E-19	30	BAG1	Immune-Neutrophil
1.30E-36	0.31289233	0.316	0.095	4.38E-32	30	HOXB2	Immune-Neutrophil
3.79E-35	0.31137928	0.405	0.143	1.28E-30	30	FAM60A	Immune-Neutrophil
2.61E-22	0.31007429	0.486	0.232	8.78E-18	30	CFDP1	Immune-Neutrophil
2.43E-15	0.30887431	0.857	0.635	8.19E-11	30	RPL10A	Immune-Neutrophil
2.45E-21	0.30869334	0.415	0.188	8.27E-17	30	RARRES2	Immune-Neutrophil

1.32E-18	0.30846739	0.694	0.403	4.44E-14	30	RBM39	Immune-Neutrophil
1.81E-34	0.30802262	0.344	0.11	6.12E-30	30	FAM84B	Immune-Neutrophil
3.65E-30	0.3067808	0.35	0.124	1.23E-25	30	LBR	Immune-Neutrophil
8.32E-30	0.30633584	0.361	0.13	2.80E-25	30	UXS1	Immune-Neutrophil
5.48E-30	0.30577076	0.296	0.095	1.85E-25	30	TSPYL2	Immune-Neutrophil
5.73E-32	0.30312015	0.344	0.115	1.93E-27	30	HOTAIRM1	Immune-Neutrophil
1.47E-16	0.30244802	0.898	0.67	4.95E-12	30	RPS9	Immune-Neutrophil
3.12E-48	0.30196798	0.276	0.063	1.05E-43	30	HOXA5	Immune-Neutrophil
1.84E-30	0.29972072	0.388	0.142	6.20E-26	30	HSPA2	Immune-Neutrophil
6.20E-22	0.29924542	0.391	0.171	2.09E-17	30	CAT	Immune-Neutrophil
4.59E-15	0.2988224	0.748	0.483	1.55E-10	30	RPSA	Immune-Neutrophil
2.66E-22	0.29859908	0.575	0.295	8.96E-18	30	DYNLRB1	Immune-Neutrophil
2.50E-23	0.29420808	0.364	0.148	8.41E-19	30	ABPB1-AS	Immune-Neutrophil
5.30E-18	0.2924474	0.789	0.49	1.79E-13	30	RPLP0	Immune-Neutrophil
1.76E-25	0.29236389	0.395	0.16	5.92E-21	30	TSPAN12	Immune-Neutrophil
1.13E-19	0.29219195	0.323	0.134	3.82E-15	30	HOXB7	Immune-Neutrophil
3.49E-16	0.29061031	0.85	0.595	1.17E-11	30	PPDPF	Immune-Neutrophil
1.24E-15	0.29021286	0.731	0.444	4.19E-11	30	PRDX1	Immune-Neutrophil
2.95E-37	0.28982393	0.306	0.089	9.96E-33	30	P3H2	Immune-Neutrophil
8.68E-17	0.28965749	0.486	0.255	2.92E-12	30	SLC38A2	Immune-Neutrophil
4.57E-20	0.28946565	0.544	0.27	1.54E-15	30	KRT8	Immune-Neutrophil
3.20E-28	0.28904613	0.418	0.166	1.08E-23	30	NTN4	Immune-Neutrophil
1.87E-22	0.2885921	0.548	0.266	6.31E-18	30	EIF5	Immune-Neutrophil
9.70E-23	0.28815046	0.541	0.269	3.27E-18	30	GLTSCR2	Immune-Neutrophil
4.08E-17	0.28682214	0.823	0.538	1.37E-12	30	NGFRAP1	Immune-Neutrophil
4.68E-54	0.28446536	0.31	0.07	1.58E-49	30	CHL1	Immune-Neutrophil
1.37E-20	0.2839736	0.435	0.203	4.63E-16	30	EIF4A1	Immune-Neutrophil
2.74E-23	0.28373705	0.255	0.087	9.24E-19	30	ELMSAN1	Immune-Neutrophil
3.23E-28	0.28327653	0.327	0.115	1.09E-23	30	ZBTB16	Immune-Neutrophil
2.39E-23	0.28242744	0.255	0.086	8.06E-19	30	AFMID	Immune-Neutrophil
2.44E-32	0.28169166	0.313	0.099	8.23E-28	30	MTSS1	Immune-Neutrophil
5.01E-18	0.27932273	0.514	0.268	1.69E-13	30	MPC2	Immune-Neutrophil
2.53E-13	0.27930944	0.524	0.305	8.54E-09	30	IER3	Immune-Neutrophil
8.82E-16	0.27929078	0.949	0.771	2.97E-11	30	RPS24	Immune-Neutrophil
4.22E-23	0.27897939	0.337	0.134	1.42E-18	30	TOR1AIP2	Immune-Neutrophil
4.84E-23	0.27484758	0.425	0.188	1.63E-18	30	ARHGAP24	Immune-Neutrophil
4.83E-28	0.27467195	0.262	0.082	1.63E-23	30	MLF1	Immune-Neutrophil
3.88E-19	0.27306555	0.293	0.12	1.31E-14	30	SERPINB1	Immune-Neutrophil
1.70E-32	0.27281143	0.299	0.093	5.74E-28	30	CREG1	Immune-Neutrophil
3.37E-14	0.27179336	0.765	0.504	1.14E-09	30	NACA	Immune-Neutrophil
9.65E-22	0.27132252	0.418	0.187	3.25E-17	30	LRPAP1	Immune-Neutrophil
1.63E-24	0.27090397	0.252	0.083	5.50E-20	30	RORA	Immune-Neutrophil
2.08E-14	0.26770154	0.898	0.732	7.02E-10	30	RPL6	Immune-Neutrophil
1.19E-11	0.26727807	0.782	0.556	3.99E-07	30	GNB2L1	Immune-Neutrophil
7.74E-31	0.26640349	0.306	0.098	2.61E-26	30	WDR60	Immune-Neutrophil
6.04E-13	0.26639519	1	0.999	2.04E-08	30	MALAT1	Immune-Neutrophil
3.32E-13	0.26612966	0.895	0.661	1.12E-08	30	RPS3	Immune-Neutrophil
1.96E-11	0.2653643	0.782	0.543	6.60E-07	30	ZFP36L1	Immune-Neutrophil

1.01E-19	0.26504661	0.49	0.24	3.39E-15	30	C7orf73	Immune-Neutrophil
9.67E-12	0.26472883	0.898	0.683	3.26E-07	30	RPS20	Immune-Neutrophil
2.67E-29	0.2646136	0.265	0.08	8.99E-25	30	ARG2	Immune-Neutrophil
2.19E-34	0.26435973	0.31	0.093	7.37E-30	30	RB1CC1	Immune-Neutrophil
1.25E-25	0.26369419	0.384	0.154	4.23E-21	30	ANP32E	Immune-Neutrophil
3.01E-14	0.2636497	0.84	0.624	1.02E-09	30	RPS21	Immune-Neutrophil
1.45E-28	0.26269193	0.269	0.085	4.90E-24	30	IMMP2L	Immune-Neutrophil
1.30E-16	0.26211748	0.296	0.127	4.39E-12	30	SERPINA1	Immune-Neutrophil
1.76E-19	0.2613598	0.473	0.229	5.91E-15	30	TUBB4B	Immune-Neutrophil
6.07E-19	0.26125033	0.432	0.206	2.05E-14	30	ATRAID	Immune-Neutrophil
9.08E-25	0.2603765	0.357	0.139	3.06E-20	30	HNMT	Immune-Neutrophil
1.95E-13	0.26031165	0.939	0.764	6.56E-09	30	RPL35A	Immune-Neutrophil
8.96E-28	0.26023815	0.378	0.144	3.02E-23	30	ACAA2	Immune-Neutrophil
1.16E-21	0.2598929	0.412	0.182	3.90E-17	30	PKHD1	Immune-Neutrophil
1.22E-34	0.25925329	0.286	0.083	4.11E-30	30	FRMD4A	Immune-Neutrophil
3.77E-17	0.25923768	0.969	0.846	1.27E-12	30	RPS6	Immune-Neutrophil
6.94E-30	0.25916117	0.286	0.09	2.34E-25	30	GNAI1	Immune-Neutrophil
8.49E-26	0.25896802	0.265	0.088	2.86E-21	30	HTATSF1	Immune-Neutrophil
3.58E-23	0.25872309	0.313	0.119	1.21E-18	30	FKBP4	Immune-Neutrophil
2.72E-27	0.2583674	0.299	0.102	9.16E-23	30	NFATC3	Immune-Neutrophil
9.69E-14	0.25836251	0.803	0.541	3.26E-09	30	NRNPA2B	Immune-Neutrophil
1.37E-31	0.25805516	0.269	0.079	4.61E-27	30	SMD5-AS1	Immune-Neutrophil
4.21E-13	0.25767855	0.925	0.721	1.42E-08	30	RPL27A	Immune-Neutrophil
1.87E-12	0.25752892	0.874	0.63	6.30E-08	30	RPS7	Immune-Neutrophil
1.30E-18	0.25751076	0.541	0.281	4.39E-14	30	COBLL1	Immune-Neutrophil
2.14E-23	0.25595116	0.531	0.253	7.20E-19	30	GPBP1	Immune-Neutrophil
1.47E-18	0.25547341	0.677	0.39	4.97E-14	30	HMGN2	Immune-Neutrophil
7.25E-18	0.25200548	0.391	0.183	2.44E-13	30	AFF4	Immune-Neutrophil
7.72E-19	0.25195182	0.405	0.187	2.60E-14	30	ALKBH7	Immune-Neutrophil
2.20E-22	0.25094039	0.578	0.282	7.40E-18	30	IVNS1ABP	Immune-Neutrophil
7.55E-23	0.25088198	0.282	0.104	2.55E-18	30	B41L4A-A	Immune-Neutrophil
4.12E-178	2.11018073	0.947	0.309	#########	31	LGALS1	Immune-B cells
6.71E-299	2.04610874	0.961	0.184	#########	31	SPARC	Immune-B cells
1.36E-270	2.01300937	0.954	0.203	#########	31	GNG11	Immune-B cells
0	1.98893678	0.826	0.075	0	31	RGCC	Immune-B cells
0	1.94507294	0.642	0.022	0	31	ESM1	Immune-B cells
0	1.84955855	0.897	0.101	0	31	HSPG2	Immune-B cells
0	1.83809463	0.812	0.047	0	31	CLDN5	Immune-B cells
0	1.68261454	0.809	0.074	0	31	CAV1	Immune-B cells
0	1.65797733	0.762	0.023	0	31	VWF	Immune-B cells
0	1.63361762	0.578	0.011	0	31	APLN	Immune-B cells
0	1.62147505	0.865	0.123	0	31	COL4A1	Immune-B cells
0	1.60882523	0.929	0.129	0	31	TM4SF1	Immune-B cells
1.57E-120	1.59074057	1	0.808	#########	31	TMSB4X	Immune-B cells
1.84E-160	1.52034691	0.957	0.303	#########	31	VIM	Immune-B cells
1.74E-248	1.50803285	0.752	0.112	#########	31	SPARCL1	Immune-B cells
0	1.50298287	0.851	0.101	0	31	CCDC85B	Immune-B cells
0	1.49160181	0.879	0.058	0	31	PECAM1	Immune-B cells

3.82E-172	1.48876266	0.957	0.321	#########	31	FKBP1A	Immune-B cells
1.42E-252	1.47993324	0.844	0.141	#########	31	CTGF	Immune-B cells
0	1.47927115	0.84	0.068	0	31	RAMP2	Immune-B cells
0	1.45397708	0.791	0.044	0	31	CD93	Immune-B cells
0	1.43139622	0.844	0.096	0	31	TCF4	Immune-B cells
0	1.42830038	0.709	0.053	0	31	FN1	Immune-B cells
3.22E-116	1.42184795	0.965	0.448	#########	31	CALM1	Immune-B cells
1.11E-153	1.40065104	0.89	0.242	#########	31	IL32	Immune-B cells
0	1.38974289	0.879	0.087	0	31	RNASE1	Immune-B cells
0	1.36833141	0.72	0.024	0	31	PLVAP	Immune-B cells
2.75E-302	1.35892175	0.823	0.119	#########	31	COL4A2	Immune-B cells
1.32E-268	1.35560379	0.904	0.157	#########	31	SPRY1	Immune-B cells
0	1.34510304	0.798	0.066	0	31	ENG	Immune-B cells
0	1.33505026	0.805	0.052	0	31	PCAT19	Immune-B cells
9.29E-136	1.32834153	0.979	0.439	#########	31	MYL12A	Immune-B cells
5.15E-204	1.32573304	0.911	0.213	#########	31	GSN	Immune-B cells
6.98E-218	1.31081495	0.855	0.165	#########	31	ID3	Immune-B cells
0	1.29701793	0.798	0.07	0	31	VWA1	Immune-B cells
1.28E-228	1.29239344	0.908	0.169	#########	31	IFI27	Immune-B cells
0	1.2592647	0.713	0.054	0	31	TM4SF18	Immune-B cells
1.15E-123	1.25362579	0.993	0.705	#########	31	IGFBP7	Immune-B cells
2.18E-128	1.24636169	0.989	0.503	#########	31	HLA-A	Immune-B cells
5.78E-268	1.23603907	0.709	0.096	#########	31	GYPC	Immune-B cells
5.10E-238	1.2290582	0.741	0.116	#########	31	C10orf10	Immune-B cells
4.19E-113	1.19648959	0.957	0.479	#########	31	PFN1	Immune-B cells
0	1.18661106	0.663	0.019	0	31	CLEC14A	Immune-B cells
0	1.18423385	0.663	0.023	0	31	ECSCR.1	Immune-B cells
3.07E-254	1.18408127	0.826	0.131	#########	31	VAMP5	Immune-B cells
2.05E-120	1.17408477	0.986	0.457	#########	31	IFITM3	Immune-B cells
0	1.15232272	0.745	0.066	0	31	GMFG	Immune-B cells
0	1.14903451	0.39	0.021	0	31	PGF	Immune-B cells
0	1.1430787	0.582	0.013	0	31	COL15A1	Immune-B cells
0	1.13749921	0.677	0.039	0	31	ADGRL4	Immune-B cells
0	1.1323597	0.777	0.082	0	31	EGFL7	Immune-B cells
2.52E-114	1.12814599	0.961	0.463	#########	31	MYL12B	Immune-B cells
2.36E-157	1.12403777	0.918	0.265	#########	31	TAGLN2	Immune-B cells
5.84E-127	1.12364804	1	0.892	#########	31	B2M	Immune-B cells
0	1.11825366	0.706	0.039	0	31	CD34	Immune-B cells
8.87E-157	1.11223752	0.943	0.272	#########	31	CRIP2	Immune-B cells
0	1.10438368	0.702	0.044	0	31	ICAM2	Immune-B cells
6.92E-122	1.09576598	0.929	0.328	#########	31	ANXA2	Immune-B cells
1.11E-202	1.09532471	0.553	0.074	#########	31	EDN1	Immune-B cells
0	1.08925744	0.493	0.021	0	31	ANGPT2	Immune-B cells
8.18E-241	1.0806659	0.805	0.136	#########	31	CD99	Immune-B cells
1.37E-92	1.07896713	0.514	0.117	4.61E-88	31	CCL2	Immune-B cells
2.60E-105	1.07048843	0.989	0.632	#########	31	MYL6	Immune-B cells
4.40E-223	1.06063785	0.801	0.139	#########	31	PTRF	Immune-B cells
1.66E-99	1.03369095	0.996	0.808	5.60E-95	31	ACTB	Immune-B cells

2.10E-262	1.03006519	0.642	0.079	#########	31	RGS3	Immune-B cells
1.93E-109	1.02992765	0.95	0.397	#########	31	CD59	Immune-B cells
1.06E-154	1.01706058	0.876	0.23	#########	31	RHOC	Immune-B cells
4.75E-218	0.99289244	0.695	0.102	#########	31	A2M	Immune-B cells
1.56E-134	0.99006224	0.858	0.238	#########	31	ATP1B3	Immune-B cells
1.25E-97	0.98629401	0.965	0.467	4.20E-93	31	CFL1	Immune-B cells
0	0.97239584	0.663	0.057	0	31	CALCRL	Immune-B cells
1.01E-223	0.97082905	0.702	0.107	#########	31	PRKCDBP	Immune-B cells
1.03E-82	0.9673763	0.649	0.183	3.47E-78	31	MGP	Immune-B cells
0	0.96595465	0.67	0.065	0	31	SDPR	Immune-B cells
3.29E-142	0.9641065	0.801	0.196	#########	31	TPM4	Immune-B cells
8.74E-244	0.9609229	0.72	0.101	#########	31	IGFBP4	Immune-B cells
0	0.95766735	0.521	0.012	0	31	LAMA4	Immune-B cells
1.67E-173	0.951341	0.826	0.183	#########	31	S100A16	Immune-B cells
7.40E-85	0.94665445	0.961	0.521	2.49E-80	31	S100A10	Immune-B cells
5.86E-126	0.94636466	0.947	0.307	#########	31	IFITM2	Immune-B cells
0	0.93865845	0.667	0.06	0	31	ESAM	Immune-B cells
2.81E-203	0.93777006	0.727	0.126	#########	31	GNAI2	Immune-B cells
1.02E-90	0.92964051	0.996	0.799	3.45E-86	31	TMSB10	Immune-B cells
1.51E-115	0.92849484	0.738	0.192	#########	31	DDIT4	Immune-B cells
4.09E-13	0.92672837	0.33	0.163	1.38E-08	31	SLPI	Immune-B cells
4.47E-88	0.91348652	0.989	0.666	1.51E-83	31	HSPB1	Immune-B cells
1.49E-140	0.90919791	0.762	0.184	#########	31	MGST2	Immune-B cells
0	0.90604303	0.5	0.019	0	31	SERPINE1	Immune-B cells
4.19E-162	0.90484241	0.745	0.149	#########	31	CLIC4	Immune-B cells
7.44E-147	0.89589755	0.84	0.21	#########	31	MYH9	Immune-B cells
8.29E-140	0.89221422	0.819	0.199	#########	31	RPS4Y1	Immune-B cells
4.04E-138	0.88770323	0.78	0.18	#########	31	KLF2	Immune-B cells
2.73E-253	0.87819933	0.674	0.087	#########	31	NPDC1	Immune-B cells
0	0.86591046	0.592	0.041	0	31	NOTCH4	Immune-B cells
2.63E-80	0.86577913	0.989	0.643	8.87E-76	31	ACTG1	Immune-B cells
6.60E-188	0.86561302	0.72	0.129	#########	31	MARCKSL1	Immune-B cells
7.95E-87	0.85340631	0.975	0.556	2.68E-82	31	GAPDH	Immune-B cells
4.36E-129	0.85008933	0.78	0.189	#########	31	ID1	Immune-B cells
5.86E-106	0.84895989	0.869	0.283	#########	31	H2AFZ	Immune-B cells
0	0.84543168	0.518	0.026	0	31	ROBO4	Immune-B cells
5.50E-198	0.83752468	0.663	0.102	#########	31	IFI16	Immune-B cells
3.19E-154	0.82996612	0.787	0.175	#########	31	SEC14L1	Immune-B cells
0	0.82975383	0.585	0.052	0	31	GIMAP7	Immune-B cells
2.58E-140	0.82193756	0.77	0.176	#########	31	MARCKS	Immune-B cells
1.33E-97	0.81737067	1	0.861	4.47E-93	31	RPL10	Immune-B cells
0	0.81547556	0.525	0.023	0	31	CDH5	Immune-B cells
2.28E-82	0.81186486	0.989	0.669	7.67E-78	31	RPS2	Immune-B cells
1.52E-274	0.80880278	0.642	0.074	#########	31	HYAL2	Immune-B cells
0	0.80393162	0.553	0.034	0	31	CLEC2B	Immune-B cells
8.59E-101	0.80282092	0.887	0.307	2.89E-96	31	SH3BGRL3	Immune-B cells
1.60E-85	0.80105899	0.972	0.458	5.38E-81	31	HLA-C	Immune-B cells
3.24E-07	0.78521804	0.78	0.588	0.01093	31	SPP1	Immune-B cells

0	0.78450265	0.557	0.042	0	31	GIMAP4	Immune-B cells
2.24E-103	0.78077351	0.996	0.903	7.56E-99	31	PTMA	Immune-B cells
4.19E-124	0.77872554	0.83	0.228	#########	31	MSN	Immune-B cells
0	0.77796689	0.479	0.021	0	31	MYCT1	Immune-B cells
3.17E-168	0.77408611	0.631	0.106	#########	31	ARHGDIB	Immune-B cells
0	0.77278801	0.496	0.026	0	31	PALMD	Immune-B cells
0	0.7674601	0.482	0.036	0	31	NUAK1	Immune-B cells
7.78E-114	0.7569417	0.688	0.168	#########	31	TUBA1A	Immune-B cells
0	0.74827996	0.465	0.024	0	31	FAM167B	Immune-B cells
1.70E-69	0.74475875	0.975	0.508	5.74E-65	31	HLA-B	Immune-B cells
7.25E-106	0.74165241	0.777	0.211	#########	31	ANXA1	Immune-B cells
1.08E-149	0.73986624	0.323	0.034	#########	31	FABP5	Immune-B cells
4.72E-253	0.73889787	0.472	0.043	#########	31	MCAM	Immune-B cells
0	0.73874428	0.44	0.01	0	31	CXorf36	Immune-B cells
8.80E-79	0.73872153	0.794	0.275	2.97E-74	31	TUBA1B	Immune-B cells
1.56E-142	0.73531159	0.684	0.142	#########	31	LINC00152	Immune-B cells
0	0.72752214	0.365	0.013	0	31	TNFRSF4	Immune-B cells
1.56E-102	0.72671956	0.521	0.11	5.24E-98	31	ADM	Immune-B cells
5.77E-68	0.7261432	0.986	0.66	1.95E-63	31	RPS3	Immune-B cells
1.14E-195	0.72437964	0.592	0.082	#########	31	SH3BP5	Immune-B cells
0	0.72344269	0.436	0.018	0	31	FSCN1	Immune-B cells
8.38E-272	0.72124241	0.482	0.042	#########	31	RAMP3	Immune-B cells
1.81E-75	0.71752361	0.986	0.757	6.09E-71	31	RPL3	Immune-B cells
2.77E-115	0.71555172	0.872	0.246	#########	31	CALD1	Immune-B cells
6.57E-80	0.71044151	0.989	0.669	2.21E-75	31	RPS9	Immune-B cells
0	0.70131871	0.454	0.024	0	31	FAM101B	Immune-B cells
7.73E-83	0.69976586	0.596	0.167	2.61E-78	31	PRCP	Immune-B cells
3.58E-112	0.69949884	0.677	0.167	#########	31	ARPC1B	Immune-B cells
9.08E-139	0.69800162	0.649	0.134	#########	31	FDPS	Immune-B cells
3.18E-180	0.6979732	0.574	0.084	#########	31	ISG15	Immune-B cells
5.59E-260	0.69349752	0.45	0.038	#########	31	TMEM88	Immune-B cells
3.87E-130	0.69214141	0.578	0.112	#########	31	PRSS23	Immune-B cells
7.12E-92	0.68188656	0.801	0.258	2.40E-87	31	ANXA5	Immune-B cells
0	0.67943573	0.422	0.025	0	31	FAM198B	Immune-B cells
1.64E-141	0.67840028	0.78	0.173	#########	31	MYL9	Immune-B cells
6.48E-80	0.67445906	0.901	0.347	2.18E-75	31	GUK1	Immune-B cells
4.69E-81	0.67328362	0.904	0.343	1.58E-76	31	HLA-E	Immune-B cells
2.73E-136	0.66793273	0.45	0.069	#########	31	MPZL2	Immune-B cells
8.24E-194	0.65856798	0.621	0.09	#########	31	AP1S2	Immune-B cells
2.16E-284	0.65656092	0.521	0.046	#########	31	NES	Immune-B cells
1.06E-209	0.65566712	0.532	0.066	#########	31	EHD4	Immune-B cells
5.20E-239	0.64844895	0.351	0.026	#########	31	PXDN	Immune-B cells
0.0015913	0.64740168	0.592	0.541	1	31	WFDC2	Immune-B cells
4.02E-257	0.64715397	0.482	0.045	#########	31	DOCK9	Immune-B cells
1.49E-61	0.64494454	0.94	0.449	5.04E-57	31	BTF3	Immune-B cells
4.93E-58	0.64268938	0.975	0.543	1.66E-53	31	CD63	Immune-B cells
1.91E-136	0.64223293	0.663	0.134	#########	31	UACA	Immune-B cells
5.39E-86	0.63955951	0.784	0.254	1.82E-81	31	PTMS	Immune-B cells

1.50E-118	0.63910496	0.624	0.135	#########	31	STOM	Immune-B cells
3.50E-162	0.63746167	0.585	0.096	#########	31	LAMC1	Immune-B cells
6.27E-132	0.63628095	0.557	0.102	#########	31	PDLIM1	Immune-B cells
5.21E-219	0.63369646	0.482	0.052	#########	31	ELK3	Immune-B cells
3.98E-177	0.63231494	0.5	0.066	#########	31	FXYD5	Immune-B cells
2.03E-66	0.63170394	0.982	0.712	6.82E-62	31	RPL15	Immune-B cells
7.72E-77	0.63068761	0.844	0.304	2.60E-72	31	CLIC1	Immune-B cells
1.14E-193	0.62961886	0.34	0.03	#########	31	LXN	Immune-B cells
6.75E-90	0.62937903	0.649	0.181	2.27E-85	31	RNF7	Immune-B cells
3.26E-108	0.62931053	0.851	0.243	#########	31	TIMP1	Immune-B cells
5.67E-71	0.62470328	1	0.845	1.91E-66	31	RPS6	Immune-B cells
7.07E-220	0.62145833	0.599	0.077	#########	31	HTRA1	Immune-B cells
3.88E-292	0.62132324	0.447	0.034	#########	31	PMP22	Immune-B cells
1.96E-70	0.61836012	0.844	0.324	6.59E-66	31	ARPC2	Immune-B cells
1.47E-45	0.61788097	0.954	0.607	4.95E-41	31	HSPA1A	Immune-B cells
3.67E-113	0.61774283	0.723	0.184	#########	31	C14orf166	Immune-B cells
3.80E-91	0.61545654	0.759	0.23	1.28E-86	31	ARPC5	Immune-B cells
9.38E-225	0.60828423	0.369	0.03	#########	31	RASGRP3	Immune-B cells
1.07E-76	0.60769363	0.631	0.182	3.61E-72	31	CYR61	Immune-B cells
3.95E-75	0.60613047	0.699	0.21	1.33E-70	31	C8orf4	Immune-B cells
1.88E-56	0.60598952	0.922	0.435	6.34E-52	31	POMP	Immune-B cells
3.46E-295	0.60540298	0.429	0.031	#########	31	S1PR1	Immune-B cells
3.37E-53	0.59935408	0.968	0.555	1.13E-48	31	GNB2L1	Immune-B cells
9.87E-74	0.5973032	0.809	0.288	3.33E-69	31	ARPC3	Immune-B cells
1.09E-103	0.59720469	0.638	0.158	3.68E-99	31	CDC37	Immune-B cells
7.44E-243	0.59712409	0.408	0.034	#########	31	LMO2	Immune-B cells
1.48E-51	0.59259396	0.94	0.489	4.97E-47	31	RPLP0	Immune-B cells
3.47E-112	0.5925796	0.613	0.135	#########	31	SERPINH1	Immune-B cells
1.51E-139	0.59123263	0.404	0.054	#########	31	C4orf32	Immune-B cells
2.31E-114	0.59034896	0.621	0.14	#########	31	SERPINB6	Immune-B cells
5.77E-257	0.58960142	0.422	0.034	#########	31	TMEM204	Immune-B cells
4.12E-67	0.58787718	0.911	0.374	1.39E-62	31	GPX1	Immune-B cells
2.10E-112	0.58722068	0.674	0.156	#########	31	EMP1	Immune-B cells
1.35E-54	0.58695385	0.972	0.543	4.54E-50	31	EEF1D	Immune-B cells
0	0.58208616	0.365	0.014	0	31	TNFAIP8L1	Immune-B cells
6.18E-254	0.58024578	0.418	0.034	#########	31	RAPGEF5	Immune-B cells
1.99E-51	0.57937301	0.975	0.614	6.71E-47	31	RPL24	Immune-B cells
7.60E-60	0.57778393	0.858	0.353	2.56E-55	31	LDHA	Immune-B cells
0	0.57654213	0.323	0.013	0	31	CTHRC1	Immune-B cells
0	0.57571479	0.422	0.02	0	31	TIE1	Immune-B cells
2.35E-84	0.57516676	0.812	0.259	7.91E-80	31	ARHGAP29	Immune-B cells
6.67E-95	0.56975297	0.784	0.229	2.25E-90	31	RAB13	Immune-B cells
3.36E-107	0.56828225	0.606	0.136	#########	31	ITGA6	Immune-B cells
2.27E-48	0.56751767	0.982	0.629	7.65E-44	31	RPS7	Immune-B cells
2.84E-68	0.56354462	0.266	0.045	9.56E-64	31	RBP7	Immune-B cells
5.91E-107	0.56174574	0.56	0.123	#########	31	PRMT1	Immune-B cells
1.20E-45	0.56060516	0.993	0.818	4.04E-41	31	S100A6	Immune-B cells
2.25E-76	0.55775041	0.791	0.266	7.58E-72	31	PTTG1IP	Immune-B cells

3.02E-145	0.55520651	0.429	0.059	#########	31	PLK2	Immune-B cells
0	0.55436738	0.358	0.02	0	31	KANK3	Immune-B cells
0	0.55379413	0.394	0.01	0	31	TMEM255I	Immune-B cells
1.09E-52	0.5533026	0.936	0.443	3.66E-48	31	PRDX1	Immune-B cells
1.13E-250	0.5513402	0.312	0.019	#########	31	PCDH17	Immune-B cells
2.36E-61	0.55051358	1	0.881	7.94E-57	31	RPS18	Immune-B cells
4.49E-104	0.54933748	0.486	0.096	1.51E-99	31	CAV2	Immune-B cells
2.08E-75	0.54855398	0.787	0.269	7.01E-71	31	TPM3	Immune-B cells
2.51E-56	0.54854465	0.989	0.747	8.47E-52	31	RPL7	Immune-B cells
8.03E-262	0.54825401	0.262	0.013	#########	31	GPIHBP1	Immune-B cells
5.84E-84	0.54772429	0.511	0.118	1.97E-79	31	NNMT	Immune-B cells
1.41E-257	0.54484051	0.383	0.028	#########	31	PLXND1	Immune-B cells
1.52E-47	0.54228069	0.982	0.625	5.13E-43	31	RPL29	Immune-B cells
1.48E-60	0.53914273	0.621	0.196	4.98E-56	31	INSR	Immune-B cells
1.28E-71	0.5378698	0.716	0.235	4.32E-67	31	TUBB	Immune-B cells
1.32E-100	0.53646478	0.645	0.158	4.46E-96	31	FLNA	Immune-B cells
3.38E-302	0.53637316	0.355	0.021	#########	31	PDGFB	Immune-B cells
1.26E-232	0.53524883	0.44	0.041	#########	31	ADAM15	Immune-B cells
8.03E-79	0.53417705	0.865	0.296	2.70E-74	31	BRK1	Immune-B cells
4.98E-56	0.53369918	0.918	0.407	1.68E-51	31	PSMA7	Immune-B cells
3.32E-98	0.53283412	0.617	0.146	1.12E-93	31	BST2	Immune-B cells
7.57E-119	0.53216419	0.567	0.11	#########	31	TAGLN	Immune-B cells
5.16E-83	0.53160379	0.798	0.251	1.74E-78	31	RBM3	Immune-B cells
2.62E-58	0.53124855	0.996	0.788	8.83E-54	31	TPT1	Immune-B cells
2.48E-67	0.52784621	1	0.871	8.35E-63	31	RPL13	Immune-B cells
2.69E-45	0.5271771	0.989	0.676	9.08E-41	31	H3F3A	Immune-B cells
7.59E-74	0.52707635	0.564	0.155	2.56E-69	31	SERTAD1	Immune-B cells
3.36E-86	0.52621055	0.723	0.214	1.13E-81	31	AP2S1	Immune-B cells
3.67E-186	0.52465439	0.362	0.034	#########	31	F2R	Immune-B cells
3.58E-106	0.52352382	0.514	0.105	#########	31	SNHG7	Immune-B cells
5.57E-91	0.52279302	0.539	0.126	1.88E-86	31	BAX	Immune-B cells
2.25E-80	0.52264558	0.702	0.213	7.59E-76	31	PSMA1	Immune-B cells
6.66E-57	0.52009446	0.89	0.38	2.24E-52	31	ITGB1	Immune-B cells
9.24E-239	0.51924894	0.73	0.097	#########	31	EMCN	Immune-B cells
1.16E-163	0.51886091	0.631	0.101	#########	31	SLC9A3R2	Immune-B cells
5.91E-142	0.51815214	0.39	0.049	#########	31	SLC2A3	Immune-B cells
5.25E-51	0.51779959	0.996	0.788	1.77E-46	31	RPS15A	Immune-B cells
1.17E-83	0.51751261	0.812	0.249	3.95E-79	31	COX7A1	Immune-B cells
1.50E-162	0.51728635	0.287	0.025	#########	31	TP53I11	Immune-B cells
1.29E-46	0.51690655	0.993	0.725	4.34E-42	31	RPL18A	Immune-B cells
2.10E-44	0.51681784	0.947	0.503	7.07E-40	31	NACA	Immune-B cells
2.03E-121	0.51577489	0.574	0.11	#########	31	ETS1	Immune-B cells
3.26E-113	0.51491794	0.447	0.077	#########	31	MTUS1	Immune-B cells
3.78E-95	0.51397688	0.617	0.155	1.27E-90	31	CCDC50	Immune-B cells
1.38E-73	0.51388136	0.805	0.278	4.66E-69	31	TMEM50A	Immune-B cells
1.53E-59	0.51333497	1	0.869	5.16E-55	31	RPL32	Immune-B cells
2.96E-25	0.51192287	0.415	0.174	9.97E-21	31	ITGB6	Immune-B cells
1.27E-160	0.51083212	0.465	0.062	#########	31	WARS	Immune-B cells

1.20E-280	0.51066863	0.369	0.024	#########	31	ACVRL1	Immune-B cells
4.47E-47	0.50997063	0.95	0.481	1.51E-42	31	RAC1	Immune-B cells
2.51E-55	0.50976547	0.887	0.382	8.47E-51	31	EID1	Immune-B cells
3.23E-142	0.50935056	0.383	0.048	#########	31	EMP2	Immune-B cells
4.87E-221	0.50930687	0.344	0.027	#########	31	CYYR1	Immune-B cells
8.09E-82	0.50848176	0.699	0.203	2.73E-77	31	NFIB	Immune-B cells
7.64E-227	0.50645691	0.28	0.018	#########	31	BMP4	Immune-B cells
3.64E-71	0.50586387	0.762	0.259	1.23E-66	31	PSMA4	Immune-B cells
1.44E-199	0.50518863	0.383	0.036	#########	31	FAM43A	Immune-B cells
3.78E-46	0.5037757	0.989	0.645	1.27E-41	31	RPS16	Immune-B cells
2.66E-51	0.50295452	0.986	0.725	8.98E-47	31	RPL8	Immune-B cells
1.87E-145	0.5003353	0.528	0.084	#########	31	MTRNR2L1	Immune-B cells
3.23E-45	0.49912399	0.993	0.712	1.09E-40	31	RPS13	Immune-B cells
2.00E-114	0.49267864	0.521	0.101	#########	31	NUDT14	Immune-B cells
1.11E-89	0.49267815	0.61	0.151	3.74E-85	31	DPYSL2	Immune-B cells
1.29E-150	0.49178413	0.539	0.086	#########	31	PEA15	Immune-B cells
4.10E-123	0.49177467	0.482	0.083	#########	31	SWAP70	Immune-B cells
6.39E-42	0.48883207	0.309	0.082	2.15E-37	31	EFEMP1	Immune-B cells
7.40E-93	0.48851647	0.447	0.086	2.49E-88	31	BGN	Immune-B cells
1.71E-99	0.48782075	0.564	0.126	5.77E-95	31	UPP1	Immune-B cells
0	0.48745363	0.305	0.008	0	31	IL3RA	Immune-B cells
1.44E-119	0.48698903	0.443	0.073	#########	31	PDLIM7	Immune-B cells
4.61E-73	0.48629632	0.855	0.303	1.55E-68	31	SPTBN1	Immune-B cells
2.29E-102	0.48472507	0.493	0.099	7.73E-98	31	TSPAN4	Immune-B cells
1.69E-75	0.48459758	0.66	0.195	5.70E-71	31	WWTR1	Immune-B cells
2.72E-190	0.48321181	0.358	0.033	#########	31	DOCK4	Immune-B cells
5.25E-77	0.48134116	0.755	0.24	1.77E-72	31	PSMB3	Immune-B cells
1.34E-67	0.48070472	0.801	0.282	4.50E-63	31	NOP10	Immune-B cells
1.64E-123	0.47973758	0.34	0.043	#########	31	PPP1R14A	Immune-B cells
1.63E-64	0.47958421	0.801	0.289	5.49E-60	31	RABAC1	Immune-B cells
1.32E-286	0.47901087	0.333	0.019	#########	31	ERG	Immune-B cells
8.88E-42	0.47871437	0.986	0.632	2.99E-37	31	RPL18	Immune-B cells
8.55E-53	0.47733667	0.993	0.87	2.88E-48	31	RPLP1	Immune-B cells
5.08E-65	0.47710079	0.805	0.292	1.71E-60	31	C19orf43	Immune-B cells
4.11E-84	0.47652424	0.667	0.185	1.39E-79	31	PLS3	Immune-B cells
6.27E-35	0.47582765	0.972	0.624	2.11E-30	31	UBB	Immune-B cells
4.89E-45	0.47426995	0.996	0.82	1.65E-40	31	RPL26	Immune-B cells
2.45E-40	0.47389808	0.979	0.597	8.25E-36	31	PPIA	Immune-B cells
6.78E-126	0.47360649	0.351	0.046	#########	31	HOMER3	Immune-B cells
3.35E-45	0.47214637	0.989	0.843	1.13E-40	31	RPS19	Immune-B cells
2.17E-199	0.47112471	0.301	0.023	#########	31	FILIP1	Immune-B cells
1.57E-43	0.47054612	0.996	0.717	5.28E-39	31	RPL9	Immune-B cells
3.07E-58	0.47018348	0.791	0.3	1.04E-53	31	Sep-19	Immune-B cells
4.77E-58	0.4694363	0.706	0.251	1.61E-53	31	CD151	Immune-B cells
6.45E-208	0.46933258	0.344	0.028	#########	31	PPM1F	Immune-B cells
7.85E-57	0.46879977	0.876	0.35	2.65E-52	31	EEF1B2	Immune-B cells
0	0.46775694	0.323	0.011	0	31	DYSF	Immune-B cells
1.60E-102	0.46769507	0.511	0.104	5.38E-98	31	PSMB9	Immune-B cells

1.01E-43	0.46769348	0.989	0.732	3.39E-39	31	RPL19	Immune-B cells
7.06E-39	0.467268	0.979	0.598	2.38E-34	31	RPL7A	Immune-B cells
4.15E-130	0.46665952	0.635	0.122	#########	31	MEF2C	Immune-B cells
5.08E-68	0.46614103	0.78	0.267	1.71E-63	31	PSMB1	Immune-B cells
0	0.46574879	0.323	0.016	0	31	SOX18	Immune-B cells
4.84E-82	0.46541596	0.461	0.103	1.63E-77	31	ARL4A	Immune-B cells
7.60E-59	0.4649273	0.816	0.31	2.56E-54	31	YWHAH	Immune-B cells
4.27E-36	0.46473279	0.972	0.619	1.44E-31	31	RPL14	Immune-B cells
1.30E-40	0.46406367	0.599	0.232	4.37E-36	31	STMN1	Immune-B cells
2.17E-189	0.46249408	0.415	0.043	#########	31	LDB2	Immune-B cells
1.11E-158	0.46245309	0.34	0.035	#########	31	FXYD6	Immune-B cells
0	0.4621809	0.277	0.009	0	31	GALNT15	Immune-B cells
1.28E-280	0.46217692	0.273	0.013	#########	31	VASH1	Immune-B cells
4.05E-41	0.46151513	0.993	0.721	1.37E-36	31	RPL27A	Immune-B cells
2.06E-46	0.46058257	0.869	0.389	6.93E-42	31	NEDD8	Immune-B cells
1.32E-35	0.45966297	0.954	0.562	4.46E-31	31	S100A11	Immune-B cells
1.20E-91	0.45837652	0.493	0.106	4.04E-87	31	ACTN1	Immune-B cells
2.47E-59	0.45762697	0.844	0.326	8.32E-55	31	EIF2S2	Immune-B cells
2.19E-44	0.45657929	0.957	0.466	7.37E-40	31	SUMO2	Immune-B cells
1.04E-217	0.45645269	0.348	0.027	#########	31	MMRN2	Immune-B cells
0	0.45628192	0.309	0.013	0	31	STAB1	Immune-B cells
4.85E-78	0.45421417	0.433	0.097	1.63E-73	31	EFNA1	Immune-B cells
7.41E-94	0.45326072	0.472	0.095	2.50E-89	31	ITM2A	Immune-B cells
1.53E-66	0.45095174	0.55	0.156	5.16E-62	31	MGLL	Immune-B cells
4.60E-158	0.45022356	0.298	0.027	#########	31	THBD	Immune-B cells
3.19E-78	0.44938342	0.447	0.101	1.07E-73	31	BCAP29	Immune-B cells
2.79E-63	0.4484503	0.663	0.221	9.41E-59	31	RANBP1	Immune-B cells
7.29E-73	0.44756591	0.695	0.215	2.46E-68	31	ATF4	Immune-B cells
1.06E-127	0.44675938	0.433	0.066	#########	31	VAT1	Immune-B cells
7.46E-187	0.44546413	0.376	0.036	#########	31	NOSTRIN	Immune-B cells
3.87E-67	0.44515243	0.645	0.202	1.30E-62	31	PRELID1	Immune-B cells
3.22E-34	0.44495875	0.961	0.574	1.09E-29	31	UBC	Immune-B cells
3.10E-243	0.44428247	0.284	0.017	#########	31	KIAA1462	Immune-B cells
2.01E-85	0.44366123	0.387	0.075	6.77E-81	31	MRPL17	Immune-B cells
3.69E-72	0.44193715	0.61	0.177	1.24E-67	31	WASF2	Immune-B cells
1.28E-170	0.44192844	0.44	0.053	#########	31	SYNPO	Immune-B cells
5.99E-44	0.44169759	0.879	0.402	2.02E-39	31	HSPA8	Immune-B cells
9.14E-87	0.44049018	0.543	0.131	3.08E-82	31	FEZ2	Immune-B cells
7.91E-274	0.43834956	0.337	0.021	#########	31	ITGA5	Immune-B cells
7.70E-57	0.43676943	0.77	0.285	2.60E-52	31	RAN	Immune-B cells
0	0.43676195	0.291	0.007	0	31	ANGPTL2	Immune-B cells
8.62E-18	0.43572641	0.496	0.253	2.91E-13	31	S100A4	Immune-B cells
1.47E-37	0.43531713	0.961	0.517	4.95E-33	31	DYNLL1	Immune-B cells
1.17E-33	0.43479751	0.975	0.626	3.94E-29	31	RPS5	Immune-B cells
1.12E-28	0.43240122	0.348	0.122	3.78E-24	31	CXCL2	Immune-B cells
4.42E-64	0.43184625	0.606	0.19	1.49E-59	31	SNRPD1	Immune-B cells
5.65E-44	0.43163522	1	0.83	1.90E-39	31	RPS12	Immune-B cells
3.25E-56	0.43160754	0.72	0.26	1.09E-51	31	TSPO	Immune-B cells

9.08E-134	0.43048909	0.312	0.035	#########	31	SMAD1	Immune-B cells
3.30E-55	0.43015957	0.844	0.329	1.11E-50	31	EIF3E	Immune-B cells
2.35E-51	0.42941669	0.709	0.27	7.92E-47	31	YWHAQ	Immune-B cells
4.84E-33	0.42895108	0.979	0.634	1.63E-28	31	RPL10A	Immune-B cells
4.29E-159	0.42873008	0.326	0.033	#########	31	TSPAN13	Immune-B cells
7.34E-172	0.42871237	0.44	0.051	#########	31	PTPRB	Immune-B cells
1.12E-32	0.4286385	0.972	0.591	3.76E-28	31	RPL30	Immune-B cells
3.03E-104	0.42807445	0.426	0.075	1.02E-99	31	MAP4K4	Immune-B cells
1.53E-65	0.4273997	0.628	0.196	5.14E-61	31	UBXN1	Immune-B cells
0	0.42666798	0.27	0.011	0	31	AFAP1L1	Immune-B cells
5.57E-41	0.42606956	0.996	0.801	1.88E-36	31	RPL11	Immune-B cells
1.51E-92	0.42583447	0.365	0.062	5.07E-88	31	LPAR6	Immune-B cells
0	0.42556205	0.291	0.013	0	31	PDE2A	Immune-B cells
2.99E-137	0.42493772	0.355	0.043	#########	31	TXNRD2	Immune-B cells
3.25E-255	0.42409246	0.273	0.015	#########	31	PALD1	Immune-B cells
1.79E-63	0.42251729	0.585	0.179	6.04E-59	31	PSMB5	Immune-B cells
9.82E-67	0.42205857	0.596	0.179	3.31E-62	31	SH3GLB1	Immune-B cells
2.00E-68	0.42150614	0.457	0.112	6.72E-64	31	RND3	Immune-B cells
4.38E-40	0.42059806	0.894	0.422	1.47E-35	31	EEF2	Immune-B cells
2.12E-92	0.42000565	0.305	0.045	7.14E-88	31	CARD16	Immune-B cells
2.05E-68	0.41972805	0.667	0.209	6.92E-64	31	CAPZB	Immune-B cells
3.24E-104	0.41882242	0.323	0.046	1.09E-99	31	FADS3	Immune-B cells
1.25E-74	0.41864309	0.415	0.092	4.21E-70	31	TPRKB	Immune-B cells
1.05E-105	0.41780253	0.447	0.081	#########	31	LUZP1	Immune-B cells
1.52E-64	0.4171078	0.66	0.214	5.13E-60	31	MACF1	Immune-B cells
1.36E-86	0.41504269	0.518	0.121	4.57E-82	31	NAA10	Immune-B cells
2.56E-139	0.41401288	0.358	0.043	#########	31	TMEM173	Immune-B cells
2.06E-53	0.41392793	0.404	0.107	6.93E-49	31	GADD45G	Immune-B cells
3.39E-35	0.4129288	0.989	0.731	1.14E-30	31	RPS4X	Immune-B cells
1.02E-36	0.41284139	0.989	0.725	3.44E-32	31	RPS17	Immune-B cells
4.97E-60	0.41273341	0.784	0.279	1.68E-55	31	SF3B6	Immune-B cells
2.96E-47	0.41249721	0.833	0.354	9.97E-43	31	SNX3	Immune-B cells
8.07E-92	0.41147231	0.475	0.101	2.72E-87	31	VAMP3	Immune-B cells
1.06E-77	0.41121632	0.55	0.141	3.57E-73	31	LIMCH1	Immune-B cells
1.18E-122	0.41055993	0.67	0.139	#########	31	EPAS1	Immune-B cells
5.43E-224	0.41051054	0.277	0.017	#########	31	IGF2	Immune-B cells
9.71E-45	0.4101991	0.883	0.39	3.27E-40	31	RHOA	Immune-B cells
1.12E-37	0.40949281	0.933	0.471	3.76E-33	31	RPL4	Immune-B cells
1.61E-63	0.4092447	0.638	0.2	5.44E-59	31	LINC0142(	Immune-B cells
3.03E-93	0.40716894	0.436	0.086	1.02E-88	31	HDAC7	Immune-B cells
2.69E-60	0.40656849	0.684	0.231	9.08E-56	31	PSMB6	Immune-B cells
1.44E-69	0.40629233	0.674	0.211	4.85E-65	31	ARF1	Immune-B cells
3.68E-46	0.40569244	0.869	0.381	1.24E-41	31	NAP1L1	Immune-B cells
0	0.405371	0.273	0.01	0	31	RHOJ	Immune-B cells
2.78E-70	0.40381305	0.489	0.125	9.36E-66	31	PON2	Immune-B cells
4.04E-27	0.4034881	0.507	0.223	1.36E-22	31	SERPING1	Immune-B cells
8.47E-78	0.40331605	0.39	0.079	2.85E-73	31	C1orf54	Immune-B cells
1.89E-38	0.40286322	0.986	0.793	6.38E-34	31	RPLP2	Immune-B cells

6.31E-30	0.40125873	0.979	0.614	2.12E-25	31	RPL5	Immune-B cells
2.15E-49	0.40094218	0.801	0.326	7.24E-45	31	NAA38	Immune-B cells
1.92E-53	0.40047109	0.472	0.139	6.47E-49	31	ARHGAP18	Immune-B cells
2.23E-60	0.40026498	0.56	0.172	7.50E-56	31	SNRPB	Immune-B cells
7.63E-156	0.39982146	0.305	0.029	#########	31	TUBB6	Immune-B cells
2.76E-39	0.39904949	0.993	0.843	9.31E-35	31	RPS14	Immune-B cells
6.71E-68	0.39897136	0.638	0.196	2.26E-63	31	LAMTOR2	Immune-B cells
1.73E-81	0.39847301	0.489	0.112	5.83E-77	31	NRP1	Immune-B cells
9.52E-68	0.39813257	0.436	0.106	3.21E-63	31	LAP3	Immune-B cells
9.79E-50	0.39776065	0.574	0.196	3.30E-45	31	DUSP23	Immune-B cells
0	0.39755831	0.266	0.01	0	31	SEMA6B	Immune-B cells
3.85E-108	0.39741414	0.291	0.037	#########	31	USP31	Immune-B cells
2.61E-45	0.39699962	0.787	0.325	8.79E-41	31	HSPD1	Immune-B cells
5.82E-150	0.39642561	0.277	0.025	#########	31	PLEKHG1	Immune-B cells
1.69E-142	0.39591952	0.284	0.028	#########	31	GRPEL2	Immune-B cells
1.45E-82	0.39557209	0.404	0.081	4.90E-78	31	MAST4	Immune-B cells
4.57E-120	0.39497465	0.369	0.052	#########	31	ECE1	Immune-B cells
1.39E-68	0.39492029	0.507	0.136	4.68E-64	31	PKIG	Immune-B cells
1.30E-55	0.39261235	0.762	0.285	4.37E-51	31	ENY2	Immune-B cells
1.07E-86	0.392025	0.326	0.054	3.61E-82	31	GGH	Immune-B cells
3.94E-69	0.39074049	0.624	0.187	1.33E-64	31	AP2M1	Immune-B cells
1.49E-144	0.39058802	0.323	0.034	#########	31	GBP4	Immune-B cells
5.32E-66	0.39028036	0.454	0.116	1.79E-61	31	NASP	Immune-B cells
6.09E-56	0.38947356	0.606	0.202	2.05E-51	31	ARL2	Immune-B cells
5.19E-42	0.38933661	0.894	0.388	1.75E-37	31	MGST3	Immune-B cells
3.21E-45	0.38883751	1	0.921	1.08E-40	31	EEF1A1	Immune-B cells
1.63E-63	0.38829614	0.546	0.157	5.50E-59	31	NEDD9	Immune-B cells
2.26E-26	0.38693803	0.979	0.672	7.62E-22	31	EIF1	Immune-B cells
2.32E-83	0.38674798	0.628	0.166	7.83E-79	31	TGFBR2	Immune-B cells
5.82E-30	0.38638902	0.291	0.091	1.96E-25	31	LINC01503	Immune-B cells
3.88E-38	0.38592924	0.993	0.863	1.31E-33	31	RPL13A	Immune-B cells
1.34E-62	0.38535344	0.645	0.207	4.52E-58	31	RDX	Immune-B cells
2.61E-155	0.38496824	0.27	0.023	#########	31	PLEKHO1	Immune-B cells
1.32E-123	0.38463096	0.301	0.034	#########	31	LY96	Immune-B cells
1.23E-31	0.38449367	0.982	0.728	4.15E-27	31	SERF2	Immune-B cells
4.96E-141	0.38432885	0.355	0.042	#########	31	DOCK6	Immune-B cells
3.58E-54	0.3842682	0.67	0.235	1.21E-49	31	VPS29	Immune-B cells
2.34E-34	0.38316468	0.989	0.767	7.88E-30	31	RPL28	Immune-B cells
5.64E-26	0.38303064	0.929	0.537	1.90E-21	31	RPS27L	Immune-B cells
1.02E-69	0.38084483	0.436	0.105	3.43E-65	31	PRDX4	Immune-B cells
2.06E-46	0.37953476	0.773	0.317	6.95E-42	31	CAPZA2	Immune-B cells
2.14E-232	0.37941638	0.312	0.021	#########	31	GIMAP6	Immune-B cells
1.33E-203	0.37902303	0.277	0.019	#########	31	CDH13	Immune-B cells
5.59E-56	0.37809394	0.582	0.188	1.88E-51	31	GSTO1	Immune-B cells
2.52E-56	0.37793446	0.546	0.171	8.48E-52	31	GNB2	Immune-B cells
5.40E-58	0.37776281	0.539	0.165	1.82E-53	31	PSMA3	Immune-B cells
7.74E-165	0.37767609	0.284	0.024	#########	31	LRRC32	Immune-B cells
6.38E-61	0.37734548	0.617	0.196	2.15E-56	31	REXO2	Immune-B cells

2.90E-95	0.37726923	0.312	0.046	9.76E-91	31	EIF4EBP1	Immune-B cells
4.00E-229	0.37689867	0.266	0.016	#########	31	TMEM233	Immune-B cells
3.66E-197	0.37651916	0.287	0.021	#########	31	GFOD1	Immune-B cells
6.39E-59	0.37465906	0.691	0.235	2.15E-54	31	NDUFA12	Immune-B cells
4.95E-64	0.37461187	0.631	0.197	1.67E-59	31	OSTC	Immune-B cells
1.37E-74	0.37460024	0.496	0.123	4.61E-70	31	FLNB	Immune-B cells
6.04E-101	0.37454052	0.379	0.062	2.03E-96	31	PTPRM	Immune-B cells
5.98E-200	0.37396269	0.376	0.034	#########	31	KDR	Immune-B cells
3.67E-31	0.37341357	0.989	0.74	1.23E-26	31	RPS3A	Immune-B cells
2.34E-53	0.37228302	0.66	0.232	7.90E-49	31	MRFAP1	Immune-B cells
1.73E-67	0.3717379	0.397	0.089	5.82E-63	31	PMAIP1	Immune-B cells
2.88E-83	0.37030661	0.394	0.078	9.71E-79	31	RALA	Immune-B cells
7.41E-43	0.37022813	0.362	0.103	2.50E-38	31	PHLDA1	Immune-B cells
3.42E-76	0.3701993	0.472	0.111	1.15E-71	31	SP100	Immune-B cells
3.90E-29	0.36975266	0.986	0.764	1.31E-24	31	RPL35A	Immune-B cells
1.57E-48	0.36958859	0.702	0.264	5.29E-44	31	PPIB	Immune-B cells
4.80E-29	0.36913309	0.982	0.638	1.62E-24	31	UBA52	Immune-B cells
3.14E-27	0.36744195	0.975	0.637	1.06E-22	31	HMGB1	Immune-B cells
2.05E-82	0.36615885	0.433	0.091	6.92E-78	31	FRMD4B	Immune-B cells
1.09E-51	0.36589212	0.66	0.238	3.67E-47	31	TCEB1	Immune-B cells
3.98E-66	0.36467707	0.493	0.132	1.34E-61	31	CNIH1	Immune-B cells
3.51E-102	0.36444787	0.273	0.034	1.18E-97	31	GJA1	Immune-B cells
1.26E-32	0.36433689	0.879	0.437	4.24E-28	31	NPM1	Immune-B cells
2.76E-105	0.363892	0.287	0.037	#########	31	SMTN	Immune-B cells
5.49E-197	0.36376117	0.277	0.019	#########	31	RASIP1	Immune-B cells
7.83E-59	0.36375817	0.553	0.17	2.64E-54	31	UBE2L3	Immune-B cells
8.82E-57	0.3635329	0.56	0.176	2.97E-52	31	GDI2	Immune-B cells
4.18E-40	0.36325018	0.894	0.404	1.41E-35	31	TXN	Immune-B cells
6.55E-63	0.36243316	0.45	0.116	2.21E-58	31	PLP2	Immune-B cells
1.75E-51	0.36226438	0.78	0.294	5.89E-47	31	DYNLRB1	Immune-B cells
6.56E-67	0.36159023	0.426	0.102	2.21E-62	31	GSDMD	Immune-B cells
3.16E-143	0.36142258	0.287	0.028	#########	31	PARVB	Immune-B cells
2.16E-33	0.36135414	0.897	0.443	7.28E-29	31	RPL36AL	Immune-B cells
8.43E-63	0.36133897	0.539	0.157	2.84E-58	31	CLTB	Immune-B cells
4.35E-51	0.36011577	0.812	0.317	1.47E-46	31	GNG5	Immune-B cells
1.04E-39	0.36002126	0.582	0.223	3.50E-35	31	MAP1LC3E	Immune-B cells
3.71E-74	0.36000048	0.521	0.134	1.25E-69	31	POLR1D	Immune-B cells
4.41E-58	0.35946178	0.457	0.127	1.49E-53	31	MYDGF	Immune-B cells
1.06E-63	0.35922318	0.564	0.165	3.57E-59	31	TBCB	Immune-B cells
1.10E-57	0.35886278	0.504	0.147	3.71E-53	31	TMOD3	Immune-B cells
4.64E-34	0.35866698	0.993	0.851	1.56E-29	31	RPS15	Immune-B cells
9.28E-54	0.35776838	0.819	0.307	3.13E-49	31	DAD1	Immune-B cells
1.06E-49	0.35670295	0.652	0.237	3.58E-45	31	RSL24D1	Immune-B cells
3.25E-51	0.35661391	0.617	0.214	1.10E-46	31	EIF3F	Immune-B cells
3.67E-27	0.35528689	0.972	0.599	1.24E-22	31	RPL27	Immune-B cells
6.39E-56	0.35509256	0.511	0.155	2.15E-51	31	RAB5C	Immune-B cells
1.78E-55	0.35492889	0.677	0.235	6.00E-51	31	SSR2	Immune-B cells
2.73E-53	0.35453993	0.635	0.22	9.21E-49	31	SSB	Immune-B cells

5.26E-52	0.35447321	0.61	0.209	1.77E-47	31	BRI3	Immune-B cells
8.89E-45	0.35393526	0.766	0.313	3.00E-40	31	SNU13	Immune-B cells
1.54E-51	0.35294366	0.436	0.126	5.20E-47	31	LIMS1	Immune-B cells
1.74E-69	0.35220774	0.546	0.15	5.85E-65	31	PSMB2	Immune-B cells
2.12E-35	0.35068567	0.915	0.443	7.14E-31	31	EDF1	Immune-B cells
4.92E-49	0.35046987	0.635	0.228	1.66E-44	31	CNBP	Immune-B cells
1.17E-51	0.35018009	0.383	0.1	3.94E-47	31	ZFAND2A	Immune-B cells
2.55E-65	0.35004912	0.447	0.114	8.59E-61	31	RCN1	Immune-B cells
1.73E-62	0.3491522	0.468	0.124	5.82E-58	31	PSMB8	Immune-B cells
2.84E-28	0.34889251	0.929	0.509	9.58E-24	31	RHOB	Immune-B cells
1.69E-75	0.34843373	0.426	0.094	5.68E-71	31	RSU1	Immune-B cells
5.80E-163	0.34800487	0.266	0.021	##########	31	NAV1	Immune-B cells
7.15E-57	0.34766962	0.401	0.101	2.41E-52	31	NQO1	Immune-B cells
2.30E-27	0.34740073	0.876	0.461	7.74E-23	31	CHCHD2	Immune-B cells
6.31E-30	0.34737702	0.383	0.135	2.13E-25	31	HSPA6	Immune-B cells
1.70E-39	0.34682686	0.812	0.358	5.72E-35	31	SSR4	Immune-B cells
3.41E-52	0.34605724	0.727	0.267	1.15E-47	31	SNRPB2	Immune-B cells
1.35E-45	0.3456471	0.755	0.299	4.56E-41	31	CD81	Immune-B cells
5.29E-27	0.34500408	0.894	0.501	1.78E-22	31	YBX1	Immune-B cells
1.96E-55	0.34499335	0.305	0.065	6.61E-51	31	SLC12A2	Immune-B cells
9.52E-33	0.34472766	0.996	0.834	3.21E-28	31	RPS23	Immune-B cells
1.34E-48	0.34352963	0.691	0.259	4.51E-44	31	CHMP2A	Immune-B cells
1.23E-70	0.34304593	0.621	0.178	4.16E-66	31	ETS2	Immune-B cells
1.73E-52	0.34201717	0.404	0.111	5.83E-48	31	STRA13	Immune-B cells
3.61E-112	0.34140999	0.277	0.033	##########	31	IKBIP	Immune-B cells
2.56E-52	0.34104082	0.791	0.299	8.62E-48	31	RAB11A	Immune-B cells
1.23E-71	0.34092776	0.387	0.083	4.16E-67	31	SVIL	Immune-B cells
2.27E-55	0.34052658	0.628	0.21	7.66E-51	31	ACTR3	Immune-B cells
1.64E-53	0.34004155	0.674	0.235	5.52E-49	31	PSME2	Immune-B cells
8.22E-73	0.33772555	0.316	0.059	2.77E-68	31	NANS	Immune-B cells
3.28E-69	0.33711431	0.252	0.04	1.11E-64	31	ICAM1	Immune-B cells
2.28E-39	0.33688183	0.812	0.348	7.67E-35	31	GABARAPL	Immune-B cells
5.61E-24	0.33674857	0.993	0.689	1.89E-19	31	SRP14	Immune-B cells
2.77E-72	0.33603454	0.365	0.076	9.35E-68	31	UFD1L	Immune-B cells
5.55E-70	0.33533903	0.394	0.087	1.87E-65	31	DGKH	Immune-B cells
1.10E-41	0.33532613	0.585	0.217	3.71E-37	31	DUT	Immune-B cells
1.41E-81	0.3348441	0.273	0.041	4.77E-77	31	HAUS1	Immune-B cells
8.08E-43	0.33453946	0.766	0.31	2.72E-38	31	NFKBIA	Immune-B cells
7.27E-57	0.33389959	0.624	0.203	2.45E-52	31	FCGRT	Immune-B cells
5.71E-29	0.33371661	0.787	0.378	1.92E-24	31	GADD45B	Immune-B cells
3.47E-70	0.3327576	0.454	0.109	1.17E-65	31	PHACTR2	Immune-B cells
1.12E-161	0.33274484	0.252	0.019	##########	31	FLI1	Immune-B cells
1.15E-94	0.33271081	0.33	0.051	3.87E-90	31	ASAP1	Immune-B cells
4.81E-68	0.33254528	0.33	0.066	1.62E-63	31	ANXA6	Immune-B cells
8.61E-35	0.33227884	0.837	0.388	2.90E-30	31	YWHAB	Immune-B cells
1.09E-67	0.33139984	0.316	0.061	3.68E-63	31	SNRK	Immune-B cells
6.44E-42	0.33123197	0.855	0.371	2.17E-37	31	SHFM1	Immune-B cells
6.18E-33	0.33065056	0.993	0.876	2.08E-28	31	RPS27A	Immune-B cells

8.40E-41	0.33031715	0.78	0.325	2.83E-36	31	SEC61B	Immune-B cells
3.16E-60	0.33025301	0.532	0.156	1.06E-55	31	CAMLG	Immune-B cells
9.55E-90	0.33020391	0.309	0.047	3.22E-85	31	DLC1	Immune-B cells
4.35E-55	0.32999408	0.447	0.126	1.47E-50	31	ARPC5L	Immune-B cells
1.47E-24	0.32995923	0.968	0.564	4.96E-20	31	HINT1	Immune-B cells
3.09E-53	0.32939131	0.443	0.127	1.04E-48	31	LSM2	Immune-B cells
9.06E-53	0.32914097	0.599	0.201	3.05E-48	31	TMED9	Immune-B cells
1.31E-47	0.32801035	0.631	0.228	4.41E-43	31	DNAJC15	Immune-B cells
2.19E-51	0.32767407	0.553	0.18	7.39E-47	31	ZNF706	Immune-B cells
1.07E-85	0.32678938	0.323	0.053	3.59E-81	31	IFITM1	Immune-B cells
2.42E-58	0.32638959	0.486	0.138	8.15E-54	31	EIF3I	Immune-B cells
4.27E-26	0.32589846	0.652	0.305	1.44E-21	31	BCAM	Immune-B cells
2.53E-52	0.32429422	0.667	0.236	8.54E-48	31	CRIM1	Immune-B cells
1.72E-43	0.32332884	0.667	0.257	5.78E-39	31	MRPL51	Immune-B cells
2.08E-192	0.32328331	0.27	0.019	##########	31	ADCY4	Immune-B cells
1.13E-63	0.32270089	0.34	0.072	3.82E-59	31	CDC42EP3	Immune-B cells
1.37E-50	0.32205375	0.649	0.229	4.63E-46	31	C9orf16	Immune-B cells
3.46E-51	0.32174905	0.454	0.134	1.17E-46	31	PSMD4	Immune-B cells
4.09E-62	0.32158475	0.493	0.133	1.38E-57	31	CARHSP1	Immune-B cells
1.62E-51	0.32120508	0.369	0.096	5.46E-47	31	ZYX	Immune-B cells
7.68E-22	0.31995994	0.979	0.682	2.59E-17	31	RPS20	Immune-B cells
3.54E-57	0.3199312	0.323	0.073	1.19E-52	31	CARD19	Immune-B cells
1.81E-164	0.31973709	0.252	0.019	##########	31	GIMAP1	Immune-B cells
1.60E-43	0.31948325	0.67	0.26	5.39E-39	31	SEC11A	Immune-B cells
3.97E-95	0.319378	0.34	0.054	1.34E-90	31	PKN1	Immune-B cells
1.33E-63	0.31936856	0.443	0.111	4.50E-59	31	BMPR2	Immune-B cells
4.39E-61	0.31935934	0.404	0.099	1.48E-56	31	IR4435-2H	Immune-B cells
1.88E-72	0.3193523	0.294	0.052	6.34E-68	31	CDC42EP1	Immune-B cells
5.62E-107	0.31934703	0.348	0.05	##########	31	ZEB1	Immune-B cells
2.89E-106	0.31931993	0.309	0.041	##########	31	GRB10	Immune-B cells
5.16E-63	0.31905455	0.45	0.116	1.74E-58	31	ILF2	Immune-B cells
1.83E-38	0.31883209	0.684	0.278	6.18E-34	31	LMNA	Immune-B cells
8.49E-39	0.31871776	0.794	0.337	2.86E-34	31	SAP18	Immune-B cells
1.45E-64	0.31854576	0.273	0.05	4.87E-60	31	TSPAN15	Immune-B cells
6.29E-49	0.31707673	0.482	0.152	2.12E-44	31	FLOT1	Immune-B cells
2.67E-63	0.31651235	0.28	0.053	9.00E-59	31	CFAP20	Immune-B cells
4.83E-45	0.31577892	0.83	0.335	1.63E-40	31	C4orf3	Immune-B cells
6.89E-76	0.31566773	0.337	0.063	2.32E-71	31	ABL2	Immune-B cells
3.41E-63	0.31519003	0.34	0.073	1.15E-58	31	RASAL2	Immune-B cells
2.75E-204	0.31423192	0.613	0.08	##########	31	PODXL	Immune-B cells
3.48E-24	0.31415552	0.961	0.554	1.17E-19	31	POLR2L	Immune-B cells
7.24E-31	0.31388227	0.876	0.428	2.44E-26	31	TPI1	Immune-B cells
1.87E-56	0.31340676	0.578	0.18	6.32E-52	31	EIF3M	Immune-B cells
1.10E-67	0.31212522	0.443	0.107	3.70E-63	31	PTPN12	Immune-B cells
9.85E-43	0.31191753	0.752	0.3	3.32E-38	31	CLTA	Immune-B cells
2.70E-48	0.31174582	0.777	0.3	9.10E-44	31	ADD45GIP	Immune-B cells
8.32E-57	0.31166107	0.411	0.107	2.80E-52	31	BNIP2	Immune-B cells
5.76E-44	0.31132225	0.833	0.35	1.94E-39	31	WDR83OS	Immune-B cells

1.67E-65	0.31093072	0.305	0.058	5.61E-61	31	FILIP1L	Immune-B cells
5.60E-51	0.31069365	0.557	0.182	1.89E-46	31	LAMTOR1	Immune-B cells
1.60E-53	0.31045638	0.457	0.129	5.38E-49	31	MYO1B	Immune-B cells
2.52E-87	0.30969666	0.355	0.06	8.49E-83	31	MEIS2	Immune-B cells
4.81E-51	0.30942399	0.358	0.092	1.62E-46	31	CSRP1	Immune-B cells
4.52E-48	0.30876126	0.723	0.273	1.52E-43	31	ACTN4	Immune-B cells
5.98E-42	0.30837533	0.73	0.293	2.01E-37	31	PDIA3	Immune-B cells
3.07E-45	0.30700511	0.479	0.158	1.03E-40	31	TCP1	Immune-B cells
2.67E-62	0.30698585	0.34	0.075	9.00E-58	31	MPG	Immune-B cells
9.06E-53	0.30600957	0.457	0.133	3.05E-48	31	RALY	Immune-B cells
2.85E-43	0.30501095	0.73	0.287	9.60E-39	31	ATP5C1	Immune-B cells
4.53E-59	0.3046839	0.465	0.128	1.53E-54	31	MRPL32	Immune-B cells
1.17E-46	0.3041892	0.663	0.247	3.96E-42	31	CHMP5	Immune-B cells
1.59E-65	0.30388612	0.401	0.093	5.37E-61	31	UBE2J1	Immune-B cells
2.57E-80	0.30366072	0.33	0.058	8.67E-76	31	PDCL	Immune-B cells
5.04E-85	0.30355068	0.27	0.039	1.70E-80	31	LRRC8A	Immune-B cells
5.09E-133	0.30345623	0.383	0.049	##########	31	FLT1	Immune-B cells
7.31E-106	0.30277564	0.34	0.048	##########	31	LIMS2	Immune-B cells
2.41E-94	0.30267744	0.326	0.05	8.12E-90	31	CARD8	Immune-B cells
2.08E-58	0.30232811	0.284	0.056	7.01E-54	31	EFNB2	Immune-B cells
3.07E-54	0.30231772	0.589	0.184	1.04E-49	31	TNFSF10	Immune-B cells
1.56E-44	0.3022739	0.426	0.132	5.26E-40	31	SLC3A2	Immune-B cells
1.24E-50	0.30215802	0.613	0.209	4.16E-46	31	COPE	Immune-B cells
1.15E-29	0.30135069	0.904	0.454	3.86E-25	31	BTG1	Immune-B cells
2.04E-132	0.30101388	0.255	0.024	##########	31	SH2B3	Immune-B cells
2.81E-34	0.30096071	0.77	0.343	9.48E-30	31	YBX3	Immune-B cells
5.79E-60	0.30068564	0.56	0.168	1.95E-55	31	LSM8	Immune-B cells
4.18E-30	0.30066361	0.826	0.394	1.41E-25	31	S100A13	Immune-B cells
3.08E-52	0.30061418	0.56	0.182	1.04E-47	31	RPS19BP1	Immune-B cells
1.82E-58	0.29980423	0.379	0.093	6.15E-54	31	MED10	Immune-B cells
7.31E-52	0.29885224	0.571	0.188	2.46E-47	31	EIF3G	Immune-B cells
4.08E-22	0.29884237	0.979	0.647	1.37E-17	31	RPL22	Immune-B cells
5.52E-51	0.29874431	0.599	0.202	1.86E-46	31	EIF4A1	Immune-B cells
1.16E-72	0.29865425	0.262	0.042	3.90E-68	31	PIK3R3	Immune-B cells
6.33E-49	0.29773276	0.599	0.209	2.13E-44	31	WDR1	Immune-B cells
5.61E-55	0.29681537	0.422	0.114	1.89E-50	31	DCTN2	Immune-B cells
2.78E-71	0.29650227	0.323	0.061	9.37E-67	31	KLHL5	Immune-B cells
1.46E-57	0.29610516	0.486	0.137	4.92E-53	31	CKLF	Immune-B cells
7.08E-46	0.2959813	0.489	0.158	2.39E-41	31	TALDO1	Immune-B cells
2.54E-54	0.29573762	0.73	0.262	8.55E-50	31	RBM8A	Immune-B cells
4.73E-67	0.29528823	0.255	0.042	1.60E-62	31	RBP1	Immune-B cells
2.10E-18	0.29516338	0.936	0.601	7.07E-14	31	RPL23	Immune-B cells
1.05E-61	0.29507947	0.833	0.3	3.55E-57	31	TIMP3	Immune-B cells
1.69E-66	0.29489277	0.447	0.111	5.69E-62	31	ADRM1	Immune-B cells
9.88E-48	0.29462446	0.504	0.162	3.33E-43	31	PDLIM5	Immune-B cells
1.24E-37	0.29418169	0.762	0.328	4.17E-33	31	ARL6IP4	Immune-B cells
4.83E-42	0.29375089	0.656	0.254	1.63E-37	31	SLC38A2	Immune-B cells
3.89E-49	0.29370416	0.525	0.171	1.31E-44	31	PSMD8	Immune-B cells

8.42E-50	0.29343423	0.468	0.142	2.84E-45	31	FUNDC2	Immune-B cells
3.74E-46	0.29279088	0.592	0.209	1.26E-41	31	APRT	Immune-B cells
4.77E-36	0.29271547	0.574	0.22	1.61E-31	31	SOCS3	Immune-B cells
1.31E-47	0.29243979	0.475	0.149	4.42E-43	31	NDUFA8	Immune-B cells
1.14E-72	0.29219654	0.305	0.055	3.85E-68	31	MAP3K11	Immune-B cells
1.68E-52	0.29212064	0.348	0.086	5.65E-48	31	LAGE3	Immune-B cells
1.37E-44	0.29179231	0.571	0.202	4.62E-40	31	PSMA2	Immune-B cells
2.02E-37	0.29174951	0.606	0.241	6.80E-33	31	ESD	Immune-B cells
5.74E-46	0.29150317	0.482	0.156	1.93E-41	31	CCT8	Immune-B cells
8.25E-66	0.29109824	0.344	0.072	2.78E-61	31	SOCS2	Immune-B cells
1.09E-94	0.29050128	0.301	0.043	3.67E-90	31	HEG1	Immune-B cells
6.03E-58	0.29026422	0.277	0.054	2.03E-53	31	RPGR	Immune-B cells
1.81E-35	0.29008264	0.83	0.374	6.10E-31	31	ATOX1	Immune-B cells
1.85E-48	0.28950135	0.411	0.119	6.23E-44	31	TAX1BP3	Immune-B cells
2.80E-40	0.28949561	0.713	0.289	9.42E-36	31	ZNHIT1	Immune-B cells
2.57E-73	0.28911929	0.365	0.074	8.66E-69	31	UTP11L	Immune-B cells
1.33E-43	0.288557	0.677	0.259	4.49E-39	31	SCAND1	Immune-B cells
1.45E-41	0.28830209	0.652	0.25	4.90E-37	31	BCAP31	Immune-B cells
1.24E-62	0.28818253	0.252	0.043	4.19E-58	31	CRNDE	Immune-B cells
1.39E-50	0.28801333	0.333	0.082	4.69E-46	31	HMOX2	Immune-B cells
1.57E-53	0.28799078	0.333	0.079	5.30E-49	31	PXN	Immune-B cells
2.28E-44	0.28736919	0.574	0.203	7.67E-40	31	UFC1	Immune-B cells
3.76E-35	0.28618255	0.73	0.309	1.27E-30	31	SELM	Immune-B cells
1.44E-51	0.28607864	0.454	0.132	4.84E-47	31	JUP	Immune-B cells
1.83E-20	0.28509177	0.979	0.7	6.18E-16	31	RPS26	Immune-B cells
4.39E-56	0.28473001	0.379	0.095	1.48E-51	31	C11orf73	Immune-B cells
7.10E-49	0.2844018	0.461	0.14	2.39E-44	31	MEF2A	Immune-B cells
5.73E-47	0.28428864	0.699	0.259	1.93E-42	31	VPS28	Immune-B cells
3.70E-37	0.28424443	0.748	0.314	1.25E-32	31	SEPW1	Immune-B cells
1.78E-47	0.28358034	0.415	0.122	6.00E-43	31	YIPF3	Immune-B cells
7.23E-46	0.28268241	0.468	0.149	2.44E-41	31	RAD23A	Immune-B cells
1.33E-61	0.28243594	0.532	0.149	4.48E-57	31	TACC1	Immune-B cells
4.03E-46	0.28242075	0.681	0.253	1.36E-41	31	RHEB	Immune-B cells
4.68E-36	0.27996635	0.801	0.351	1.58E-31	31	SNRPD2	Immune-B cells
1.06E-47	0.27989166	0.433	0.129	3.56E-43	31	EIF3D	Immune-B cells
1.05E-29	0.27929492	0.727	0.333	3.53E-25	31	DNAJA1	Immune-B cells
3.97E-70	0.27859579	0.298	0.054	1.34E-65	31	PGM2L1	Immune-B cells
4.59E-78	0.27859403	0.266	0.041	1.55E-73	31	FAM114A1	Immune-B cells
2.52E-49	0.2784211	0.447	0.132	8.50E-45	31	MGMT	Immune-B cells
1.18E-47	0.27827991	0.298	0.071	3.98E-43	31	YES1	Immune-B cells
4.05E-26	0.27812423	0.897	0.456	1.36E-21	31	OAZ1	Immune-B cells
1.06E-34	0.27806618	0.844	0.384	3.56E-30	31	RBX1	Immune-B cells
8.54E-31	0.27790349	0.894	0.434	2.88E-26	31	SUB1	Immune-B cells
1.49E-44	0.27785815	0.61	0.22	5.04E-40	31	BANF1	Immune-B cells
6.41E-54	0.27727575	0.429	0.118	2.16E-49	31	CCT5	Immune-B cells
1.35E-86	0.27630659	0.635	0.151	4.54E-82	31	ADGRF5	Immune-B cells
4.80E-52	0.27602382	0.489	0.148	1.62E-47	31	CACYBP	Immune-B cells
9.64E-54	0.27597554	0.312	0.071	3.25E-49	31	RAI14	Immune-B cells

2.86E-40	0.27567283	0.833	0.354	9.63E-36	31	SNRPG	Immune-B cells
1.09E-47	0.27541881	0.486	0.153	3.68E-43	31	C1QBP	Immune-B cells
1.58E-43	0.27538087	0.443	0.139	5.31E-39	31	PIM3	Immune-B cells
5.39E-41	0.27524493	0.33	0.092	1.82E-36	31	NMT2	Immune-B cells
2.52E-74	0.27486662	0.305	0.053	8.48E-70	31	TGM2	Immune-B cells
8.85E-48	0.27431817	0.39	0.109	2.98E-43	31	NME1	Immune-B cells
6.13E-18	0.27423848	0.972	0.655	2.07E-13	31	H3F3B	Immune-B cells
2.97E-48	0.27392609	0.436	0.13	1.00E-43	31	MRPL22	Immune-B cells
7.48E-34	0.27374798	0.507	0.195	2.52E-29	31	PPA1	Immune-B cells
4.36E-46	0.27369382	0.348	0.093	1.47E-41	31	GTF3A	Immune-B cells
4.02E-43	0.27297844	0.638	0.239	1.35E-38	31	RWDD1	Immune-B cells
2.70E-52	0.27255365	0.408	0.111	9.11E-48	31	CDC26	Immune-B cells
1.29E-36	0.27209311	0.606	0.238	4.35E-32	31	IQGAP1	Immune-B cells
2.45E-44	0.27159296	0.663	0.248	8.25E-40	31	Sep-19	Immune-B cells
2.39E-47	0.27110779	0.521	0.17	8.04E-43	31	PPIC	Immune-B cells
8.72E-63	0.27035427	0.28	0.052	2.94E-58	31	SHC1	Immune-B cells
2.24E-54	0.27033843	0.582	0.185	7.54E-50	31	CNIH4	Immune-B cells
1.67E-43	0.27005466	0.461	0.148	5.63E-39	31	ARPC4	Immune-B cells
2.79E-49	0.26955391	0.394	0.108	9.39E-45	31	NOP56	Immune-B cells
2.27E-63	0.26950235	0.376	0.085	7.65E-59	31	PLEC	Immune-B cells
1.87E-47	0.26935848	0.582	0.2	6.29E-43	31	SSR3	Immune-B cells
7.69E-20	0.26905068	0.954	0.569	2.59E-15	31	HSP90AB1	Immune-B cells
9.87E-42	0.26904377	0.468	0.158	3.33E-37	31	UBE2I	Immune-B cells
4.89E-39	0.26904334	0.674	0.267	1.65E-34	31	COL18A1	Immune-B cells
9.83E-43	0.26877032	0.34	0.095	3.31E-38	31	ETHE1	Immune-B cells
3.56E-55	0.26853181	0.55	0.169	1.20E-50	31	PFDN4	Immune-B cells
5.89E-47	0.26813376	0.61	0.215	1.98E-42	31	TXNDC17	Immune-B cells
5.71E-44	0.26808573	0.496	0.165	1.93E-39	31	COMT	Immune-B cells
8.33E-32	0.26775216	0.741	0.338	2.81E-27	31	SERBP1	Immune-B cells
6.34E-60	0.2677515	0.344	0.077	2.14E-55	31	ABCE1	Immune-B cells
1.09E-55	0.26762247	0.504	0.148	3.68E-51	31	OS9	Immune-B cells
1.21E-46	0.26754495	0.674	0.248	4.06E-42	31	IL6ST	Immune-B cells
3.57E-45	0.26728037	0.355	0.098	1.20E-40	31	SLC39A1	Immune-B cells
6.32E-46	0.26726169	0.684	0.254	2.13E-41	31	SF3B5	Immune-B cells
3.25E-54	0.26690199	0.355	0.086	1.10E-49	31	STX12	Immune-B cells
5.22E-26	0.26689466	0.833	0.431	1.76E-21	31	DNAJB1	Immune-B cells
1.42E-45	0.26680284	0.652	0.239	4.78E-41	31	OCIAD1	Immune-B cells
4.99E-28	0.26641841	0.833	0.448	1.68E-23	31	CD74	Immune-B cells
1.74E-41	0.2648494	0.66	0.254	5.85E-37	31	SSBP1	Immune-B cells
1.51E-53	0.26468151	0.28	0.059	5.10E-49	31	EVA1B	Immune-B cells
3.99E-44	0.26455093	0.564	0.197	1.34E-39	31	EIF3L	Immune-B cells
6.81E-57	0.26453877	0.426	0.112	2.30E-52	31	IFNGR1	Immune-B cells
1.83E-49	0.26421761	0.394	0.108	6.15E-45	31	ZNF22	Immune-B cells
9.11E-22	0.2640988	0.918	0.482	3.07E-17	31	RPSA	Immune-B cells
1.09E-50	0.2637389	0.592	0.198	3.68E-46	31	DRAP1	Immune-B cells
3.09E-39	0.26371283	0.394	0.12	1.04E-34	31	PLPP1	Immune-B cells
5.59E-44	0.26340096	0.504	0.168	1.88E-39	31	DYNC1LI2	Immune-B cells
2.39E-33	0.26300567	0.67	0.287	8.06E-29	31	C12orf57	Immune-B cells

2.00E-31	0.26293976	0.369	0.125	6.75E-27	31	BAG3	Immune-B cells
8.95E-59	0.26289636	0.259	0.048	3.01E-54	31	MAPK3	Immune-B cells
9.73E-46	0.26250626	0.55	0.185	3.28E-41	31	VKORC1	Immune-B cells
7.63E-62	0.26195444	0.415	0.101	2.57E-57	31	GAS6	Immune-B cells
3.28E-48	0.26187098	0.33	0.083	1.10E-43	31	VASP	Immune-B cells
8.05E-51	0.26142396	0.454	0.132	2.71E-46	31	SIGIRR	Immune-B cells
3.27E-63	0.26087355	0.287	0.053	1.10E-58	31	APOLD1	Immune-B cells
3.23E-19	0.26039806	0.986	0.696	1.09E-14	31	RPL38	Immune-B cells
5.38E-35	0.2603846	0.713	0.3	1.81E-30	31	HSPH1	Immune-B cells
3.75E-58	0.25976846	0.401	0.1	1.27E-53	31	TSPAN14	Immune-B cells
7.08E-21	0.25971977	0.993	0.809	2.38E-16	31	RPL12	Immune-B cells
1.42E-18	0.2596701	0.929	0.561	4.78E-14	31	CD9	Immune-B cells
8.58E-64	0.25911817	0.259	0.045	2.89E-59	31	NTAN1	Immune-B cells
8.70E-43	0.25890529	0.539	0.187	2.93E-38	31	UBE2D2	Immune-B cells
5.14E-59	0.25869641	0.443	0.116	1.73E-54	31	FERMT2	Immune-B cells
6.93E-49	0.25853744	0.553	0.182	2.33E-44	31	ANP32B	Immune-B cells
9.57E-43	0.25817913	0.401	0.122	3.22E-38	31	CCT7	Immune-B cells
1.37E-49	0.25815666	0.369	0.098	4.62E-45	31	PSMD13	Immune-B cells
7.76E-44	0.25766942	0.514	0.175	2.61E-39	31	PSMC5	Immune-B cells
2.20E-79	0.25735367	0.262	0.039	7.42E-75	31	CDK17	Immune-B cells
2.44E-47	0.25721661	0.479	0.15	8.22E-43	31	RNASEH2C	Immune-B cells
5.25E-36	0.25704594	0.319	0.095	1.77E-31	31	AIDA	Immune-B cells
6.70E-42	0.2570386	0.333	0.093	2.26E-37	31	CREG1	Immune-B cells
1.13E-52	0.25680284	0.443	0.125	3.80E-48	31	FAM195B	Immune-B cells
5.50E-61	0.25658405	0.369	0.085	1.85E-56	31	GLRX3	Immune-B cells
1.31E-46	0.25639514	0.461	0.143	4.41E-42	31	TOMM22	Immune-B cells
1.38E-33	0.2561574	0.702	0.299	4.64E-29	31	NDUFA6	Immune-B cells
5.91E-30	0.25542742	0.812	0.374	1.99E-25	31	ERH	Immune-B cells
3.60E-36	0.25526205	0.592	0.232	1.21E-31	31	MRPL52	Immune-B cells
8.27E-46	0.25525661	0.571	0.196	2.79E-41	31	EIF6	Immune-B cells
3.34E-50	0.25518414	0.316	0.075	1.12E-45	31	SEPN1	Immune-B cells
5.87E-64	0.25496917	0.287	0.054	1.98E-59	31	NMI	Immune-B cells
1.41E-18	0.25421782	0.947	0.554	4.76E-14	31	PFDN5	Immune-B cells
1.05E-33	0.25419648	0.571	0.229	3.55E-29	31	CAPNS1	Immune-B cells
1.10E-32	0.25405574	0.812	0.361	3.70E-28	31	NDUFC2	Immune-B cells
1.83E-38	0.25388381	0.656	0.259	6.16E-34	31	TRAPPC1	Immune-B cells
4.92E-55	0.25372317	0.294	0.063	1.66E-50	31	TRIM47	Immune-B cells
3.14E-41	0.25360374	0.461	0.153	1.06E-36	31	SUPT4H1	Immune-B cells
1.87E-33	0.25313926	0.699	0.299	6.31E-29	31	MZT2B	Immune-B cells
3.03E-44	0.25295965	0.376	0.107	1.02E-39	31	MRPS15	Immune-B cells
7.66E-44	0.25282104	0.606	0.219	2.58E-39	31	FAM96B	Immune-B cells
1.19E-46	0.25257884	0.571	0.195	4.00E-42	31	PCNP	Immune-B cells
3.85E-17	0.25249372	0.968	0.63	1.30E-12	31	RPS11	Immune-B cells
2.24E-16	0.25215574	0.979	0.722	7.54E-12	31	FAU	Immune-B cells
7.94E-42	0.25206208	0.369	0.108	2.68E-37	31	MCTS1	Immune-B cells
1.61E-17	0.25164034	0.986	0.731	5.43E-13	31	RPL6	Immune-B cells
1.29E-41	0.25074211	0.628	0.234	4.34E-37	31	HNRNPA0	Immune-B cells
3.97E-48	0.25055413	0.28	0.063	1.34E-43	31	GALNT1	Immune-B cells

1.47E-40	0.25052161	0.511	0.18	4.96E-36	31	PDCD5	Immune-B cells
1.98E-39	0.25024891	0.415	0.135	6.68E-35	31	EMC4	Immune-B cells
2.54E-18	0.25010967	0.982	0.771	8.55E-14	31	RPS24	Immune-B cells
1.33E-188	2.40613692	0.989	0.381	#########	32	MT1G	Immune-B cells
0	2.29817769	0.911	0.148	0	32	MT1H	Immune-B cells
2.87E-180	2.28448861	0.986	0.403	#########	32	MT1X	Immune-B cells
9.69E-208	1.92814585	0.954	0.259	#########	32	MT1F	Immune-B cells
7.99E-146	1.75142201	0.964	0.419	#########	32	MT1E	Immune-B cells
4.47E-174	1.71662931	0.729	0.143	#########	32	MT1M	Immune-B cells
1.99E-212	1.66693878	0.996	0.301	#########	32	HLA-DRA	Immune-B cells
0	1.62947678	0.957	0.163	0	32	HLA-DPB1	Immune-B cells
8.06E-122	1.6064883	0.989	0.642	#########	32	MT2A	Immune-B cells
0	1.5556982	0.889	0.127	0	32	HLA-DRB5	Immune-B cells
2.57E-99	1.48273366	0.75	0.233	8.67E-95	32	APOE	Immune-B cells
4.24E-156	1.44249501	0.996	0.447	#########	32	CD74	Immune-B cells
1.88E-77	1.42784458	0.886	0.504	6.33E-73	32	CLU	Immune-B cells
0	1.32041955	0.546	0.032	0	32	CCL3	Immune-B cells
1.67E-249	1.31928083	0.882	0.157	#########	32	HLA-DPA1	Immune-B cells
1.18E-112	1.30561527	0.836	0.271	#########	32	PIGR	Immune-B cells
1.46E-240	1.30163085	0.454	0.042	#########	32	RBP4	Immune-B cells
1.74E-206	1.28628149	0.475	0.053	#########	32	APOC1	Immune-B cells
0	1.24226595	0.811	0.072	0	32	TYROBP	Immune-B cells
0	1.22883827	0.725	0.042	0	32	HLA-DQA2	Immune-B cells
0	1.20808771	0.729	0.066	0	32	RGS1	Immune-B cells
8.46E-194	1.14929875	0.964	0.24	#########	32	HLA-DRB1	Immune-B cells
2.17E-304	1.14455163	0.761	0.092	#########	32	LGALS2	Immune-B cells
2.41E-222	1.10466536	0.761	0.119	#########	32	ACSM2A	Immune-B cells
8.19E-173	1.07149294	0.564	0.088	#########	32	FHL1	Immune-B cells
2.63E-196	1.06951604	0.739	0.126	#########	32	VCAM1	Immune-B cells
0	1.05783279	0.782	0.097	0	32	HLA-DQB1	Immune-B cells
3.31E-76	1.0513315	0.868	0.412	1.11E-71	32	CRYAB	Immune-B cells
1.18E-114	1.00793334	1	0.803	#########	32	FTH1	Immune-B cells
7.08E-95	1.0055852	1	0.77	2.39E-90	32	FTL	Immune-B cells
4.69E-86	0.99767442	0.818	0.29	1.58E-81	32	MMP7	Immune-B cells
0	0.99564457	0.4	0.014	0	32	CCL3L3	Immune-B cells
8.46E-140	0.97924539	0.693	0.156	#########	32	FAM134B	Immune-B cells
4.09E-227	0.94352605	0.371	0.03	#########	32	REG1A	Immune-B cells
2.75E-87	0.9411856	0.957	0.508	9.28E-83	32	HLA-B	Immune-B cells
3.16E-103	0.93809654	0.996	0.799	1.07E-98	32	TMSB10	Immune-B cells
2.63E-191	0.93523084	0.614	0.09	#########	32	NAT8	Immune-B cells
2.03E-118	0.93184223	0.757	0.21	#########	32	TMEM176I	Immune-B cells
1.55E-123	0.91157728	0.814	0.213	#########	32	PDZK1IP1	Immune-B cells
7.25E-193	0.90301264	0.586	0.082	#########	32	PTN	Immune-B cells
0	0.89988961	0.607	0.047	0	32	FCER1G	Immune-B cells
7.47E-70	0.88859576	0.732	0.266	2.52E-65	32	CRIP1	Immune-B cells
1.69E-120	0.88437389	0.746	0.197	#########	32	TMEM176A	Immune-B cells
1.54E-228	0.87935267	0.661	0.087	#########	32	ACSM2B	Immune-B cells
5.97E-226	0.87870281	0.507	0.053	#########	32	LYZ	Immune-B cells

0	0.87579248	0.564	0.047	0	32	C3	Immune-B cells
1.13E-97	0.8752213	0.932	0.374	3.79E-93	32	GPX1	Immune-B cells
2.82E-142	0.87053092	0.811	0.186	#########	32	GATM	Immune-B cells
2.90E-96	0.86414031	0.868	0.314	9.78E-92	32	CXCL14	Immune-B cells
3.46E-118	0.86213844	0.721	0.184	#########	32	TNFSF10	Immune-B cells
7.39E-81	0.84905526	0.896	0.396	2.49E-76	32	NPC2	Immune-B cells
2.37E-159	0.84814558	0.607	0.103	#########	32	C19orf33	Immune-B cells
7.87E-306	0.84685994	0.686	0.073	#########	32	HLA-DQA1	Immune-B cells
3.72E-79	0.83813393	0.95	0.504	1.25E-74	32	CST3	Immune-B cells
2.13E-51	0.82018643	0.825	0.454	7.17E-47	32	ADIRF	Immune-B cells
1.96E-170	0.80729792	0.604	0.095	#########	32	RBP5	Immune-B cells
3.67E-100	0.80030496	0.904	0.303	1.24E-95	32	VIM	Immune-B cells
5.36E-292	0.7876781	0.5	0.042	#########	32	FTCD	Immune-B cells
1.69E-71	0.78161935	0.736	0.278	5.70E-67	32	OCIAD2	Immune-B cells
9.92E-119	0.78073731	0.604	0.125	#########	32	SERPINA1	Immune-B cells
0	0.77521225	0.361	0.016	0	32	C1QB	Immune-B cells
8.85E-174	0.7538435	0.711	0.121	#########	32	CXCR4	Immune-B cells
0	0.75312702	0.375	0.022	0	32	C1QA	Immune-B cells
7.22E-79	0.7483599	0.911	0.365	2.43E-74	32	CYBA	Immune-B cells
3.83E-89	0.74665273	0.789	0.243	1.29E-84	32	IL32	Immune-B cells
1.16E-48	0.74045447	0.811	0.347	3.90E-44	32	GPX3	Immune-B cells
9.15E-93	0.7368698	0.793	0.25	3.08E-88	32	SGK1	Immune-B cells
2.62E-74	0.73592517	0.996	0.669	8.84E-70	32	RPS2	Immune-B cells
1.35E-227	0.73518742	0.557	0.064	#########	32	ANPEP	Immune-B cells
1.02E-177	0.73436892	0.539	0.074	#########	32	LRP2	Immune-B cells
0	0.73208307	0.336	0.017	0	32	CCL4L2	Immune-B cells
1.22E-117	0.70153657	0.739	0.177	#########	32	UGT2B7	Immune-B cells
4.50E-118	0.69698679	0.664	0.15	#########	32	CLIC4	Immune-B cells
3.10E-151	0.68352651	0.629	0.114	#########	32	HLA-DMA	Immune-B cells
1.09E-219	0.68068168	0.439	0.043	#########	32	HRCT1	Immune-B cells
3.08E-64	0.68031803	0.961	0.626	1.04E-59	32	RPS5	Immune-B cells
8.78E-52	0.67018813	0.914	0.533	2.96E-47	32	KLF6	Immune-B cells
3.26E-59	0.66171779	0.893	0.443	1.10E-54	32	GPX4	Immune-B cells
3.18E-98	0.65579923	0.689	0.186	1.07E-93	32	CTSB	Immune-B cells
8.32E-303	0.65504748	0.425	0.029	#########	32	MS4A6A	Immune-B cells
6.88E-53	0.65355634	0.839	0.404	2.32E-48	32	TXN	Immune-B cells
1.65E-108	0.65278622	0.457	0.082	#########	32	S100A1	Immune-B cells
4.27E-151	0.65124508	0.532	0.082	#########	32	TMEM27	Immune-B cells
5.15E-56	0.64945362	0.929	0.479	1.73E-51	32	PFN1	Immune-B cells
1.41E-137	0.64117834	0.511	0.083	#########	32	AMN	Immune-B cells
7.64E-226	0.63926348	0.675	0.088	#########	32	AIF1	Immune-B cells
1.84E-91	0.63724668	0.736	0.204	6.20E-87	32	MGST1	Immune-B cells
2.85E-76	0.6287454	0.996	0.861	9.61E-72	32	RPL10	Immune-B cells
1.17E-81	0.62163652	0.65	0.186	3.93E-77	32	RARRES2	Immune-B cells
7.80E-77	0.6200847	0.993	0.793	2.63E-72	32	RPLP2	Immune-B cells
5.61E-72	0.6194632	1	0.788	1.89E-67	32	RPS15A	Immune-B cells
1.29E-80	0.61683511	0.729	0.231	4.33E-76	32	DAB2	Immune-B cells
1.88E-54	0.61679436	0.939	0.555	6.33E-50	32	GNB2L1	Immune-B cells

3.76E-260	0.60985128	0.468	0.04	#########	32	LST1	Immune-B cells
3.56E-76	0.60745174	0.621	0.18	1.20E-71	32	ERRFI1	Immune-B cells
2.47E-55	0.60689172	0.432	0.118	8.31E-51	32	NNMT	Immune-B cells
1.06E-129	0.60112828	0.529	0.092	#########	32	C1orf186	Immune-B cells
3.49E-53	0.59581655	0.975	0.66	1.17E-48	32	RPS3	Immune-B cells
3.55E-56	0.59519769	0.979	0.638	1.20E-51	32	UBA52	Immune-B cells
7.99E-70	0.59259323	1	0.843	2.69E-65	32	RPS14	Immune-B cells
3.23E-172	0.59105231	0.329	0.03	#########	32	11-1143G	Immune-B cells
3.60E-54	0.59061922	0.982	0.645	1.21E-49	32	RPS16	Immune-B cells
7.45E-128	0.59056716	0.45	0.07	#########	32	DAMTS9-A	Immune-B cells
4.40E-148	0.59017858	0.471	0.067	#########	32	SEMA5A	Immune-B cells
8.57E-267	0.58990611	0.296	0.016	#########	32	FCER1A	Immune-B cells
2.80E-66	0.58889683	0.811	0.309	9.45E-62	32	NFKBIA	Immune-B cells
7.78E-131	0.58809751	0.689	0.139	#########	32	SRGN	Immune-B cells
1.32E-53	0.5871	0.954	0.591	4.46E-49	32	RPL30	Immune-B cells
2.51E-77	0.58373019	0.629	0.179	8.45E-73	32	SLC3A1	Immune-B cells
3.46E-45	0.58323087	0.886	0.482	1.17E-40	32	RPSA	Immune-B cells
3.71E-75	0.58292134	1	0.87	1.25E-70	32	RPLP1	Immune-B cells
2.91E-56	0.58029376	0.993	0.731	9.80E-52	32	RPS4X	Immune-B cells
2.19E-70	0.57578865	0.996	0.843	7.37E-66	32	RPS19	Immune-B cells
5.84E-60	0.57520906	0.993	0.732	1.97E-55	32	RPL19	Immune-B cells
3.01E-84	0.57248335	0.646	0.177	1.01E-79	32	MARCKS	Immune-B cells
8.83E-70	0.57011077	1	0.881	2.97E-65	32	RPS18	Immune-B cells
2.37E-44	0.56675845	0.746	0.335	7.97E-40	32	KRT18	Immune-B cells
1.04E-67	0.56450941	0.711	0.244	3.49E-63	32	SPATS2L	Immune-B cells
9.68E-65	0.56363022	0.993	0.767	3.26E-60	32	RPL28	Immune-B cells
5.23E-62	0.56262604	0.996	0.834	1.76E-57	32	RPS8	Immune-B cells
1.16E-61	0.56139598	0.989	0.801	3.92E-57	32	RPL11	Immune-B cells
1.36E-34	0.56052577	0.807	0.449	4.60E-30	32	HIST1H4C	Immune-B cells
1.80E-181	0.55923157	0.354	0.033	#########	32	ALOX5AP	Immune-B cells
3.51E-58	0.5577346	0.989	0.721	1.18E-53	32	RPL27A	Immune-B cells
3.42E-47	0.55619226	0.971	0.63	1.15E-42	32	RPS11	Immune-B cells
2.24E-114	0.55596797	0.646	0.141	#########	32	CREB5	Immune-B cells
8.08E-66	0.55475378	1	0.808	2.72E-61	32	TMSB4X	Immune-B cells
2.00E-68	0.55212184	1	0.863	6.74E-64	32	RPL13A	Immune-B cells
8.74E-46	0.55174619	0.907	0.489	2.95E-41	32	RPLP0	Immune-B cells
7.03E-41	0.55168582	0.875	0.504	2.37E-36	32	HLA-A	Immune-B cells
7.06E-58	0.55012783	0.743	0.279	2.38E-53	32	TSC22D3	Immune-B cells
5.64E-48	0.54940136	0.961	0.629	1.90E-43	32	RPS7	Immune-B cells
4.52E-47	0.54860719	0.661	0.269	1.52E-42	32	KRT8	Immune-B cells
6.33E-69	0.5472821	0.996	0.862	2.13E-64	32	RPS28	Immune-B cells
8.52E-53	0.54678482	0.982	0.725	2.87E-48	32	RPL18A	Immune-B cells
3.57E-83	0.54579838	0.571	0.147	1.20E-78	32	LY6E	Immune-B cells
3.41E-172	0.54214845	0.271	0.021	#########	32	MSR1	Immune-B cells
4.51E-74	0.5411284	0.621	0.183	1.52E-69	32	CTSC	Immune-B cells
1.80E-210	0.54005557	0.446	0.045	#########	32	BNC2	Immune-B cells
4.46E-61	0.53936638	1	0.788	1.50E-56	32	TPT1	Immune-B cells
5.79E-47	0.5384755	0.975	0.6	1.95E-42	32	RPL23	Immune-B cells

1.00E-89	0.53635018	0.532	0.123	3.38E-85	32	TYMP	Immune-B cells
1.91E-47	0.5360215	0.982	0.625	6.44E-43	32	RPL29	Immune-B cells
2.98E-79	0.53383116	0.557	0.141	1.00E-74	32	AKAP12	Immune-B cells
1.39E-108	0.53344244	0.525	0.103	#########	32	PDZK1	Immune-B cells
1.85E-82	0.53155642	0.529	0.131	6.24E-78	32	AKR1A1	Immune-B cells
8.22E-79	0.53052222	0.529	0.134	2.77E-74	32	PLA2G16	Immune-B cells
4.64E-279	0.5295708	0.307	0.017	#########	32	IGSF6	Immune-B cells
1.84E-50	0.5293471	0.993	0.711	6.21E-46	32	RPL37	Immune-B cells
7.55E-93	0.52925481	0.554	0.13	2.54E-88	32	ALDH2	Immune-B cells
1.61E-45	0.52874017	0.757	0.341	5.42E-41	32	EZR	Immune-B cells
4.59E-52	0.52700779	0.986	0.712	1.55E-47	32	RPS13	Immune-B cells
2.90E-215	0.52543026	0.339	0.026	#########	32	MS4A7	Immune-B cells
5.91E-59	0.52460643	1	0.83	1.99E-54	32	RPS12	Immune-B cells
1.99E-63	0.52397406	1	0.851	6.71E-59	32	RPS15	Immune-B cells
1.92E-174	0.52273789	0.407	0.044	#########	32	LAPTM5	Immune-B cells
9.01E-66	0.51903488	1	0.871	3.04E-61	32	RPL13	Immune-B cells
1.08E-50	0.51889989	0.693	0.266	3.64E-46	32	TSPAN1	Immune-B cells
3.96E-183	0.51548175	0.414	0.044	#########	32	GLYAT	Immune-B cells
9.38E-46	0.51494923	0.982	0.712	3.16E-41	32	RPL15	Immune-B cells
1.34E-156	0.51401485	0.296	0.027	#########	32	SLC17A3	Immune-B cells
2.56E-69	0.51363145	1	0.906	8.64E-65	32	RPS29	Immune-B cells
7.79E-52	0.51094572	1	0.74	2.62E-47	32	RPS3A	Immune-B cells
1.27E-71	0.50970348	0.646	0.196	4.29E-67	32	C11orf54	Immune-B cells
7.26E-47	0.50674548	0.986	0.682	2.45E-42	32	RPS20	Immune-B cells
2.97E-270	0.50662162	0.339	0.021	#########	32	MNDA	Immune-B cells
1.56E-61	0.50623455	0.639	0.207	5.27E-57	32	LINC0132(	Immune-B cells
5.12E-127	0.5059565	0.364	0.047	#########	32	MIOX	Immune-B cells
4.14E-74	0.50550488	0.414	0.089	1.40E-69	32	TNFAIP3	Immune-B cells
9.27E-47	0.50340202	0.804	0.351	3.12E-42	32	EEF1B2	Immune-B cells
2.08E-38	0.50334749	0.975	0.634	7.02E-34	32	RPL10A	Immune-B cells
1.44E-57	0.50291566	0.996	0.834	4.85E-53	32	RPS23	Immune-B cells
1.48E-61	0.50252852	0.604	0.194	5.00E-57	32	UGCG	Immune-B cells
2.84E-76	0.50234681	0.314	0.055	9.58E-72	32	CXCL1	Immune-B cells
2.38E-70	0.50119354	0.521	0.142	8.01E-66	32	IMPA2	Immune-B cells
7.30E-129	0.49755377	0.332	0.039	#########	32	CCL4	Immune-B cells
2.30E-118	0.49274181	0.421	0.066	#########	32	AKR1C3	Immune-B cells
2.39E-41	0.49266538	0.961	0.619	8.05E-37	32	RPL14	Immune-B cells
2.07E-39	0.49187279	0.879	0.459	6.97E-35	32	HLA-C	Immune-B cells
1.54E-55	0.48975677	0.636	0.221	5.20E-51	32	CAPG	Immune-B cells
1.00E-99	0.48957403	0.436	0.079	3.37E-95	32	AK4	Immune-B cells
3.25E-39	0.48808914	0.971	0.599	1.10E-34	32	RPL27	Immune-B cells
2.01E-31	0.4864229	0.896	0.543	6.77E-27	32	CD63	Immune-B cells
6.67E-172	0.48629072	0.461	0.056	#########	32	UGT2A3	Immune-B cells
5.86E-78	0.48399642	0.607	0.168	1.97E-73	32	ARPC1B	Immune-B cells
7.89E-74	0.48263913	0.511	0.129	2.66E-69	32	IGFBP6	Immune-B cells
2.27E-45	0.48142892	0.982	0.764	7.64E-41	32	RPL35A	Immune-B cells
1.28E-117	0.47750205	0.45	0.075	#########	32	PLXDC2	Immune-B cells
1.76E-39	0.47746084	0.907	0.481	5.94E-35	32	RAC1	Immune-B cells

5.01E-119	0.47692203	0.421	0.065	#########	32	CTSS	Immune-B cells
5.88E-112	0.47658216	0.382	0.058	#########	32	HLA-DMB	Immune-B cells
4.30E-107	0.47506946	0.45	0.08	#########	32	P11-14N7	Immune-B cells
6.25E-43	0.47375434	0.993	0.725	2.11E-38	32	RPS17	Immune-B cells
1.47E-36	0.4735027	0.943	0.564	4.96E-32	32	HINT1	Immune-B cells
1.66E-189	0.47265689	0.307	0.024	#########	32	RNASE6	Immune-B cells
3.79E-133	0.47259532	0.321	0.036	#########	32	RGS10	Immune-B cells
5.82E-140	0.47070011	0.421	0.057	#########	32	NAPSA	Immune-B cells
1.37E-60	0.47050047	1	0.943	4.61E-56	32	RPS27	Immune-B cells
1.04E-40	0.47005344	0.739	0.329	3.49E-36	32	ANXA2	Immune-B cells
8.13E-72	0.46961382	0.461	0.112	2.74E-67	32	IFNGR1	Immune-B cells
4.44E-41	0.46923924	0.982	0.722	1.50E-36	32	FAU	Immune-B cells
5.09E-140	0.46567325	0.432	0.059	#########	32	SPON2	Immune-B cells
3.06E-43	0.46433082	0.4	0.118	1.03E-38	32	CCL2	Immune-B cells
2.03E-34	0.46402221	0.907	0.559	6.84E-30	32	LAPTM4A	Immune-B cells
1.74E-36	0.46314642	0.971	0.669	5.87E-32	32	RPS9	Immune-B cells
5.25E-79	0.46297653	0.532	0.132	1.77E-74	32	CARHSP1	Immune-B cells
5.43E-166	0.46174213	0.361	0.037	#########	32	SLC47A1	Immune-B cells
1.61E-49	0.46020007	1	0.869	5.42E-45	32	RPL32	Immune-B cells
7.39E-92	0.46002645	0.414	0.076	2.49E-87	32	CELF2	Immune-B cells
2.76E-119	0.45958746	0.293	0.034	#########	32	SAMHD1	Immune-B cells
8.18E-52	0.458627	1	0.892	2.76E-47	32	B2M	Immune-B cells
1.88E-56	0.45599123	0.996	0.876	6.34E-52	32	RPS27A	Immune-B cells
5.65E-87	0.4543158	0.471	0.101	1.91E-82	32	B4GALT5	Immune-B cells
3.16E-95	0.45279479	0.371	0.062	1.06E-90	32	VCAN	Immune-B cells
2.61E-35	0.45267664	0.954	0.598	8.79E-31	32	RPL7A	Immune-B cells
7.64E-56	0.4525604	0.764	0.288	2.57E-51	32	ARPC3	Immune-B cells
1.16E-145	0.45253219	0.343	0.038	#########	32	CYP3A5	Immune-B cells
7.91E-85	0.45148057	0.479	0.105	2.66E-80	32	LRRK2	Immune-B cells
5.23E-43	0.45048182	1	0.82	1.76E-38	32	RPL26	Immune-B cells
7.53E-36	0.44929827	0.836	0.437	2.54E-31	32	ZFP36	Immune-B cells
2.29E-45	0.44842688	0.993	0.79	7.71E-41	32	RPL23A	Immune-B cells
1.68E-32	0.4469025	0.961	0.632	5.65E-28	32	MYL6	Immune-B cells
3.74E-47	0.44631962	0.996	0.823	1.26E-42	32	RPL35	Immune-B cells
5.71E-39	0.4451835	0.761	0.354	1.92E-34	32	VAMP8	Immune-B cells
4.98E-36	0.44511019	0.971	0.633	1.68E-31	32	RPL18	Immune-B cells
6.61E-173	0.44270686	0.329	0.03	#########	32	CD37	Immune-B cells
1.96E-69	0.44264084	0.518	0.137	6.62E-65	32	CKLF	Immune-B cells
9.33E-68	0.440935	0.461	0.113	3.14E-63	32	ASS1	Immune-B cells
4.54E-47	0.43829271	0.314	0.077	1.53E-42	32	ANK2	Immune-B cells
1.73E-144	0.43825065	0.414	0.053	#########	32	CDH2	Immune-B cells
1.77E-94	0.43547069	0.5	0.103	5.97E-90	32	IGFBP4	Immune-B cells
8.55E-35	0.43469484	0.964	0.597	2.88E-30	32	PPIA	Immune-B cells
2.91E-30	0.43406393	0.889	0.521	9.81E-26	32	S100A10	Immune-B cells
1.84E-31	0.43266087	0.961	0.614	6.22E-27	32	RPL5	Immune-B cells
3.76E-133	0.4309769	0.346	0.041	#########	32	DPEP1	Immune-B cells
1.04E-69	0.43020024	0.486	0.12	3.51E-65	32	BIRC3	Immune-B cells
8.50E-45	0.42873399	0.736	0.296	2.86E-40	32	SMIM24	Immune-B cells

8.63E-93	0.42494685	0.314	0.046	2.91E-88	32	SLC13A1	Immune-B cells
1.38E-45	0.42432389	0.693	0.276	4.66E-41	32	TUBA1B	Immune-B cells
1.95E-71	0.42342026	0.339	0.065	6.55E-67	32	FYB	Immune-B cells
5.36E-62	0.42334839	0.593	0.181	1.80E-57	32	ITGB8	Immune-B cells
2.77E-79	0.42325097	0.382	0.076	9.32E-75	32	LPIN2	Immune-B cells
7.00E-60	0.42233917	0.461	0.121	2.36E-55	32	CXCL2	Immune-B cells
8.19E-31	0.42095137	0.914	0.563	2.76E-26	32	S100A11	Immune-B cells
1.38E-45	0.42038145	0.582	0.215	4.63E-41	32	JADE1	Immune-B cells
8.36E-39	0.4202975	0.986	0.764	2.82E-34	32	RPL31	Immune-B cells
2.42E-37	0.41954518	1	0.717	8.15E-33	32	RPL9	Immune-B cells
4.53E-31	0.41951612	0.914	0.544	1.53E-26	32	EEF1D	Immune-B cells
4.76E-72	0.41846184	0.407	0.091	1.60E-67	32	CITED4	Immune-B cells
3.02E-31	0.41772412	0.946	0.554	1.02E-26	32	PFDN5	Immune-B cells
2.04E-49	0.41753633	0.586	0.204	6.88E-45	32	NFIB	Immune-B cells
3.91E-31	0.41745456	0.971	0.676	1.32E-26	32	FOS	Immune-B cells
8.86E-114	0.41614364	0.357	0.049	##########	32	PRAP1	Immune-B cells
3.51E-57	0.41421689	1	0.952	1.18E-52	32	RPL34	Immune-B cells
1.94E-33	0.41411682	0.968	0.623	6.52E-29	32	RPS21	Immune-B cells
3.95E-36	0.41340788	0.85	0.422	1.33E-31	32	EEF2	Immune-B cells
6.04E-48	0.41060004	0.568	0.203	2.03E-43	32	PRELID1	Immune-B cells
5.07E-61	0.41009543	0.554	0.164	1.71E-56	32	NFIA	Immune-B cells
4.45E-66	0.4093817	0.579	0.161	1.50E-61	32	NUPR1	Immune-B cells
1.86E-71	0.40898338	0.439	0.102	6.25E-67	32	PLIN2	Immune-B cells
4.07E-113	0.40691659	0.414	0.065	##########	32	BHMT	Immune-B cells
1.37E-147	0.40482774	0.425	0.055	##########	32	PTPRD	Immune-B cells
1.24E-29	0.404266	0.879	0.509	4.18E-25	32	RHOB	Immune-B cells
2.79E-30	0.40412368	0.85	0.456	9.39E-26	32	OAZ1	Immune-B cells
5.34E-42	0.40087581	0.586	0.223	1.80E-37	32	GADD45A	Immune-B cells
2.08E-127	0.40070569	0.4	0.056	##########	32	GIPC2	Immune-B cells
1.10E-39	0.40013193	0.643	0.267	3.70E-35	32	MPC2	Immune-B cells
5.91E-90	0.39762701	0.411	0.075	1.99E-85	32	CDH6	Immune-B cells
9.75E-66	0.39715702	0.543	0.149	3.29E-61	32	EMP3	Immune-B cells
5.57E-30	0.39705319	0.925	0.552	1.88E-25	32	ATP5G2	Immune-B cells
1.86E-39	0.39645028	0.518	0.194	6.27E-35	32	DNPH1	Immune-B cells
1.14E-32	0.39535562	0.793	0.403	3.85E-28	32	EMX2	Immune-B cells
1.54E-258	0.39517895	0.257	0.013	##########	32	LY86	Immune-B cells
2.64E-41	0.39441706	0.725	0.311	8.88E-37	32	ZFAS1	Immune-B cells
5.43E-92	0.3937788	0.286	0.039	1.83E-87	32	SLC16A9	Immune-B cells
2.36E-95	0.39317456	0.486	0.097	7.94E-91	32	KCNJ15	Immune-B cells
1.73E-50	0.39301558	0.571	0.196	5.84E-46	32	UBXN1	Immune-B cells
6.32E-102	0.39139552	0.379	0.059	2.13E-97	32	ENPEP	Immune-B cells
7.52E-42	0.39094141	1	0.921	2.53E-37	32	EEF1A1	Immune-B cells
6.07E-28	0.38953338	0.814	0.45	2.05E-23	32	BTF3	Immune-B cells
1.40E-68	0.38933258	0.418	0.098	4.73E-64	32	HPN	Immune-B cells
5.49E-34	0.38915769	0.789	0.391	1.85E-29	32	RHOA	Immune-B cells
7.68E-64	0.38810035	0.443	0.11	2.59E-59	32	COTL1	Immune-B cells
2.55E-31	0.38711892	0.9	0.471	8.59E-27	32	RPL4	Immune-B cells
1.32E-28	0.3862097	0.886	0.503	4.46E-24	32	NACA	Immune-B cells

2.84E-30	0.38567379	0.721	0.357	9.57E-26	32	CEBPD	Immune-B cells
3.53E-36	0.38503054	1	0.808	1.19E-31	32	RPS25	Immune-B cells
2.36E-29	0.38367019	0.986	0.747	7.94E-25	32	RPL7	Immune-B cells
1.56E-41	0.38247377	0.714	0.299	5.25E-37	32	MZT2B	Immune-B cells
1.39E-132	0.38241708	0.3	0.032	##########	32	DDC	Immune-B cells
1.21E-83	0.3817692	0.368	0.066	4.07E-79	32	FXYD5	Immune-B cells
3.78E-88	0.38116579	0.368	0.064	1.27E-83	32	AKR1C1	Immune-B cells
2.32E-27	0.37920354	0.993	0.771	7.80E-23	32	RPS24	Immune-B cells
2.26E-26	0.37893662	0.8	0.444	7.62E-22	32	PRDX1	Immune-B cells
4.95E-36	0.37885799	1	0.809	1.67E-31	32	RPL12	Immune-B cells
5.64E-27	0.37821075	0.971	0.676	1.90E-22	32	H3F3A	Immune-B cells
1.65E-114	0.37639885	0.261	0.028	##########	32	C1orf162	Immune-B cells
9.43E-35	0.37593601	0.518	0.21	3.18E-30	32	BRI3	Immune-B cells
1.07E-66	0.37518647	0.418	0.099	3.60E-62	32	LACTB2	Immune-B cells
2.14E-57	0.37474423	0.486	0.141	7.22E-53	32	MSRB2	Immune-B cells
8.42E-38	0.37466333	0.996	0.897	2.84E-33	32	RPL39	Immune-B cells
8.36E-94	0.37368248	0.3	0.042	2.82E-89	32	HCST	Immune-B cells
7.12E-62	0.37228184	0.536	0.151	2.40E-57	32	DPYSL2	Immune-B cells
1.52E-30	0.37179456	0.836	0.432	5.11E-26	32	IER2	Immune-B cells
2.79E-59	0.37142308	0.514	0.146	9.41E-55	32	TFPI	Immune-B cells
9.21E-96	0.37091205	0.389	0.067	3.10E-91	32	BIN1	Immune-B cells
5.54E-102	0.37055995	0.386	0.063	1.87E-97	32	CORO1C	Immune-B cells
6.95E-118	0.37034795	0.364	0.05	##########	32	AR	Immune-B cells
1.37E-131	0.36936758	0.311	0.035	##########	32	ACMSD	Immune-B cells
1.26E-31	0.36936242	0.864	0.443	4.26E-27	32	RPL36AL	Immune-B cells
9.43E-44	0.36909625	0.521	0.187	3.18E-39	32	ALKBH7	Immune-B cells
4.70E-61	0.36904099	0.764	0.24	1.58E-56	32	XIST	Immune-B cells
1.18E-123	0.36893102	0.264	0.027	##########	32	CD68	Immune-B cells
8.49E-32	0.3684314	0.989	0.808	2.86E-27	32	ACTB	Immune-B cells
4.08E-40	0.36800124	0.561	0.207	1.37E-35	32	KRT7	Immune-B cells
3.18E-36	0.36646097	0.346	0.107	1.07E-31	32	REL	Immune-B cells
4.93E-35	0.36537177	0.479	0.174	1.66E-30	32	RARRES3	Immune-B cells
1.39E-78	0.36516524	0.396	0.079	4.68E-74	32	RASSF4	Immune-B cells
6.68E-56	0.36507648	0.5	0.147	2.25E-51	32	PABPC4	Immune-B cells
4.86E-73	0.36477975	0.289	0.049	1.64E-68	32	SMAP2	Immune-B cells
2.66E-68	0.36449842	0.464	0.114	8.96E-64	32	SYCE1L	Immune-B cells
4.46E-48	0.36342983	0.6	0.214	1.50E-43	32	EIF3F	Immune-B cells
1.28E-27	0.36319373	0.939	0.601	4.33E-23	32	FXYD2	Immune-B cells
4.45E-27	0.36282826	0.982	0.696	1.50E-22	32	RPL38	Immune-B cells
1.43E-47	0.36272322	0.611	0.212	4.83E-43	32	ANXA1	Immune-B cells
7.92E-32	0.36253328	0.711	0.322	2.67E-27	32	SOD2	Immune-B cells
9.16E-35	0.36170521	0.729	0.33	3.09E-30	32	EIF3E	Immune-B cells
8.02E-36	0.35998873	0.996	0.849	2.70E-31	32	RPL36	Immune-B cells
3.73E-26	0.35984624	0.968	0.725	1.26E-21	32	RPL8	Immune-B cells
1.71E-27	0.35957352	1	0.897	5.75E-23	32	RPL21	Immune-B cells
2.16E-41	0.35883254	0.668	0.269	7.28E-37	32	GLTSCR2	Immune-B cells
1.30E-35	0.35869611	0.775	0.352	4.38E-31	32	MCL1	Immune-B cells
3.42E-26	0.35709795	0.857	0.468	1.15E-21	32	CFL1	Immune-B cells

2.07E-55	0.35494899	0.55	0.173	6.96E-51	32	TAPBP	Immune-B cells
7.47E-49	0.35491539	0.55	0.177	2.52E-44	32	FKBP5	Immune-B cells
1.69E-72	0.35403102	0.311	0.056	5.69E-68	32	RAB32	Immune-B cells
7.51E-24	0.35229082	0.739	0.409	2.53E-19	32	CYB5A	Immune-B cells
6.01E-70	0.35172396	0.4	0.089	2.02E-65	32	NIT2	Immune-B cells
3.70E-41	0.35037344	1	0.946	1.25E-36	32	RPL41	Immune-B cells
1.17E-84	0.34837435	0.414	0.08	3.96E-80	32	ZEB2	Immune-B cells
6.30E-37	0.34825529	0.825	0.387	2.12E-32	32	PCBP1	Immune-B cells
1.98E-48	0.34823851	0.45	0.136	6.67E-44	32	CTSZ	Immune-B cells
8.78E-26	0.34745397	0.982	0.757	2.96E-21	32	RPL3	Immune-B cells
3.01E-38	0.34737183	0.279	0.072	1.02E-33	32	PHACTR1	Immune-B cells
4.13E-39	0.34736569	0.596	0.236	1.39E-34	32	TUBB	Immune-B cells
1.35E-37	0.34480696	0.721	0.31	4.54E-33	32	YWHAH	Immune-B cells
2.50E-37	0.34452347	0.525	0.196	8.42E-33	32	INSR	Immune-B cells
3.33E-41	0.34392612	0.564	0.21	1.12E-36	32	GRN	Immune-B cells
1.34E-42	0.34389796	0.546	0.193	4.52E-38	32	CPM	Immune-B cells
1.95E-56	0.34384118	0.55	0.168	6.55E-52	32	SORBS2	Immune-B cells
6.54E-41	0.34310012	0.736	0.308	2.20E-36	32	SH3BGRL3	Immune-B cells
2.99E-31	0.34275816	0.993	0.846	1.01E-26	32	RPS6	Immune-B cells
1.04E-51	0.34273616	0.546	0.175	3.50E-47	32	FNIP2	Immune-B cells
1.06E-22	0.34250526	0.964	0.615	3.57E-18	32	RPL24	Immune-B cells
1.08E-27	0.34110338	0.832	0.458	3.63E-23	32	IFITM3	Immune-B cells
2.02E-59	0.33952141	0.382	0.091	6.81E-55	32	FRMD4B	Immune-B cells
1.72E-23	0.33906673	0.261	0.086	5.80E-19	32	ISG15	Immune-B cells
7.96E-51	0.33757907	0.536	0.169	2.68E-46	32	SOX9	Immune-B cells
4.80E-67	0.33684491	0.414	0.097	1.62E-62	32	MPST	Immune-B cells
5.26E-39	0.33610871	0.511	0.187	1.77E-34	32	CSNK2B	Immune-B cells
1.25E-52	0.33580244	0.3	0.065	4.23E-48	32	AREG	Immune-B cells
2.32E-62	0.33434655	0.286	0.053	7.80E-58	32	C15orf48	Immune-B cells
1.66E-80	0.33374802	0.332	0.058	5.58E-76	32	TNFRSF21	Immune-B cells
6.60E-64	0.33296443	0.293	0.055	2.22E-59	32	CD83	Immune-B cells
3.12E-50	0.3326927	0.354	0.09	1.05E-45	32	ERTAD4-AS	Immune-B cells
1.04E-31	0.3324146	0.668	0.305	3.50E-27	32	CLIC1	Immune-B cells
4.53E-39	0.33213219	0.461	0.158	1.53E-34	32	CRYL1	Immune-B cells
2.21E-28	0.33187936	0.775	0.394	7.45E-24	32	HMGN3	Immune-B cells
1.40E-135	0.33168481	0.257	0.023	##########	32	SLC47A2	Immune-B cells
3.83E-101	0.33159729	0.296	0.039	1.29E-96	32	IL6R	Immune-B cells
3.68E-24	0.33131198	0.911	0.564	1.24E-19	32	DUSP1	Immune-B cells
8.01E-109	0.33046875	0.289	0.036	##########	32	ZNF385B	Immune-B cells
2.89E-61	0.32980434	0.371	0.086	9.74E-57	32	MET	Immune-B cells
1.72E-50	0.32916078	0.511	0.16	5.78E-46	32	TGIF1	Immune-B cells
2.18E-103	0.32882147	0.343	0.05	7.34E-99	32	DPP4	Immune-B cells
8.29E-22	0.32855172	0.975	0.647	2.79E-17	32	RPL22	Immune-B cells
2.74E-21	0.32761803	0.907	0.556	9.22E-17	32	GAPDH	Immune-B cells
5.77E-38	0.32758724	0.639	0.26	1.94E-33	32	SEC11A	Immune-B cells
2.17E-46	0.32728747	0.446	0.138	7.32E-42	32	CUX1	Immune-B cells
2.18E-25	0.3260624	0.746	0.394	7.33E-21	32	SOX4	Immune-B cells
2.97E-27	0.32596413	0.986	0.805	1.00E-22	32	ITM2B	Immune-B cells

2.13E-33	0.32584868	0.786	0.369	7.18E-29	32	TPM1	Immune-B cells
4.91E-59	0.32550791	0.411	0.103	1.66E-54	32	HSD17B11	Immune-B cells
2.22E-24	0.3245284	0.704	0.365	7.49E-20	32	SPINT2	Immune-B cells
8.50E-35	0.3244456	0.686	0.298	2.87E-30	32	BRK1	Immune-B cells
1.51E-21	0.32409251	0.839	0.481	5.07E-17	32	PSAP	Immune-B cells
7.55E-59	0.32380128	0.493	0.139	2.54E-54	32	CRTAP	Immune-B cells
6.98E-21	0.32340321	0.721	0.389	2.35E-16	32	MGST3	Immune-B cells
1.49E-32	0.32268157	0.782	0.375	5.02E-28	32	ATOX1	Immune-B cells
4.87E-70	0.32258701	0.346	0.068	1.64E-65	32	TNFAIP2	Immune-B cells
5.95E-45	0.32250168	0.611	0.223	2.01E-40	32	ACAT1	Immune-B cells
1.10E-31	0.32245587	0.718	0.324	3.72E-27	32	ARPC2	Immune-B cells
5.10E-51	0.3223682	0.55	0.171	1.72E-46	32	IFI27	Immune-B cells
2.85E-26	0.32082573	0.714	0.355	9.60E-22	32	CSTB	Immune-B cells
1.83E-65	0.32069665	0.361	0.077	6.17E-61	32	MAOB	Immune-B cells
7.81E-55	0.32016772	0.432	0.115	2.63E-50	32	PALLD	Immune-B cells
1.16E-78	0.31802898	0.286	0.045	3.90E-74	32	PAPLN	Immune-B cells
3.45E-41	0.31764252	0.35	0.099	1.16E-36	32	MAFB	Immune-B cells
6.06E-74	0.31763073	0.257	0.039	2.04E-69	32	ANKRD65	Immune-B cells
2.33E-81	0.3164569	0.325	0.055	7.86E-77	32	GALM	Immune-B cells
1.31E-31	0.31508236	0.754	0.355	4.43E-27	32	SNX3	Immune-B cells
6.67E-56	0.31460202	0.3	0.064	2.25E-51	32	HS3ST1	Immune-B cells
4.20E-26	0.31395586	0.782	0.414	1.42E-21	32	TMEM258	Immune-B cells
1.98E-40	0.3138896	0.593	0.228	6.67E-36	32	CAP1	Immune-B cells
1.35E-27	0.31324674	0.843	0.439	4.56E-23	32	MYL12A	Immune-B cells
3.17E-55	0.31282464	0.311	0.067	1.07E-50	32	NR4A2	Immune-B cells
8.86E-30	0.31265808	0.293	0.092	2.98E-25	32	LIPA	Immune-B cells
5.67E-23	0.31211606	0.729	0.378	1.91E-18	32	GADD45B	Immune-B cells
1.23E-24	0.3116345	0.875	0.494	4.14E-20	32	PABPC1	Immune-B cells
2.13E-74	0.30917059	0.368	0.071	7.17E-70	32	IL18	Immune-B cells
3.90E-20	0.30898314	0.957	0.672	1.31E-15	32	EIF1	Immune-B cells
1.16E-30	0.30844066	0.746	0.363	3.91E-26	32	PHPT1	Immune-B cells
1.19E-27	0.30765784	0.768	0.392	4.02E-23	32	RPS10	Immune-B cells
4.39E-44	0.30720104	0.482	0.158	1.48E-39	32	NEDD9	Immune-B cells
5.13E-42	0.30693303	0.282	0.068	1.73E-37	32	THY1	Immune-B cells
7.78E-37	0.3064622	0.529	0.2	2.62E-32	32	CNDP2	Immune-B cells
5.21E-62	0.30525088	0.371	0.084	1.76E-57	32	TMEM98	Immune-B cells
2.03E-24	0.30508245	0.821	0.444	6.85E-20	32	EDF1	Immune-B cells
3.12E-62	0.30490758	0.354	0.077	1.05E-57	32	PMM1	Immune-B cells
2.72E-60	0.30467841	0.411	0.1	9.15E-56	32	NREP	Immune-B cells
6.91E-53	0.30431772	0.396	0.103	2.33E-48	32	PDLIM1	Immune-B cells
9.44E-22	0.30358528	0.836	0.464	3.18E-17	32	MYL12B	Immune-B cells
3.71E-22	0.30346662	0.893	0.537	1.25E-17	32	RPS27L	Immune-B cells
6.13E-29	0.30312524	0.996	0.852	2.07E-24	32	RPL37A	Immune-B cells
2.87E-23	0.3021377	0.979	0.7	9.66E-19	32	RPS26	Immune-B cells
2.58E-41	0.30180639	0.439	0.142	8.69E-37	32	NCOA4	Immune-B cells
8.91E-54	0.30169424	0.371	0.093	3.00E-49	32	RNF130	Immune-B cells
4.81E-37	0.30169037	0.639	0.26	1.62E-32	32	TSPO	Immune-B cells
6.91E-54	0.30159337	0.432	0.118	2.33E-49	32	UBE2E2	Immune-B cells

1.96E-40	0.30104369	0.504	0.177	6.60E-36	32	GDI2	Immune-B cells
2.18E-34	0.30085274	0.596	0.248	7.36E-30	32	TIMM8B	Immune-B cells
1.18E-68	0.3001415	0.439	0.101	3.99E-64	32	MAF	Immune-B cells
4.67E-28	0.29975139	0.757	0.371	1.57E-23	32	EIF3K	Immune-B cells
8.79E-63	0.29864261	0.329	0.068	2.96E-58	32	RAB31	Immune-B cells
2.83E-77	0.29836329	0.318	0.055	9.53E-73	32	BAMBI	Immune-B cells
4.53E-37	0.29800664	0.564	0.22	1.53E-32	32	TMEM219	Immune-B cells
4.92E-45	0.29693584	0.325	0.084	1.66E-40	32	IL13RA1	Immune-B cells
7.30E-87	0.29501909	0.343	0.058	2.46E-82	32	SHMT1	Immune-B cells
6.82E-19	0.29499388	0.982	0.728	2.30E-14	32	SERF2	Immune-B cells
3.55E-18	0.29421935	0.825	0.502	1.19E-13	32	PEBP1	Immune-B cells
1.77E-29	0.29405924	0.404	0.149	5.96E-25	32	IFI6	Immune-B cells
7.56E-60	0.29351354	0.286	0.055	2.55E-55	32	OGFRL1	Immune-B cells
8.65E-54	0.29246011	0.346	0.083	2.92E-49	32	HRSP12	Immune-B cells
5.90E-32	0.2924008	0.729	0.338	1.99E-27	32	MRPS21	Immune-B cells
8.30E-34	0.29224959	0.589	0.243	2.80E-29	32	ANXA4	Immune-B cells
1.65E-61	0.29191761	0.311	0.063	5.56E-57	32	PYCARD	Immune-B cells
5.17E-20	0.29149973	0.8	0.448	1.74E-15	32	SLC25A6	Immune-B cells
3.44E-45	0.291184	0.443	0.136	1.16E-40	32	SLC25A37	Immune-B cells
9.54E-41	0.2911484	0.439	0.143	3.21E-36	32	PLEKHA5	Immune-B cells
6.47E-47	0.29064355	0.486	0.153	2.18E-42	32	P11-553L6	Immune-B cells
1.28E-52	0.28966527	0.436	0.12	4.32E-48	32	MAP3K1	Immune-B cells
6.89E-77	0.28913572	0.254	0.037	2.32E-72	32	TNC	Immune-B cells
2.50E-61	0.28890821	0.436	0.107	8.41E-57	32	ARHGDIB	Immune-B cells
8.31E-24	0.28875277	0.746	0.39	2.80E-19	32	NEDD8	Immune-B cells
1.06E-43	0.28867053	0.471	0.153	3.56E-39	32	SUPT4H1	Immune-B cells
6.53E-42	0.28756381	0.4	0.122	2.20E-37	32	TCEA3	Immune-B cells
2.13E-37	0.28652503	0.489	0.175	7.18E-33	32	ANK3	Immune-B cells
2.38E-102	0.28544716	0.311	0.042	8.01E-98	32	ADGRG6	Immune-B cells
2.15E-48	0.28495276	0.414	0.116	7.24E-44	32	SLC40A1	Immune-B cells
7.38E-31	0.28476608	0.539	0.226	2.49E-26	32	ZBTB20	Immune-B cells
1.28E-111	0.28460151	0.264	0.029	##########	32	USH1C	Immune-B cells
1.33E-18	0.28417188	0.864	0.553	4.47E-14	32	TOMM7	Immune-B cells
2.91E-28	0.28397913	0.714	0.343	9.79E-24	32	PSME1	Immune-B cells
1.52E-35	0.28343916	0.529	0.204	5.11E-31	32	FCGRT	Immune-B cells
7.25E-36	0.2827669	0.636	0.263	2.44E-31	32	BLOC1S1	Immune-B cells
2.67E-41	0.28252095	0.282	0.068	9.00E-37	32	GMFG	Immune-B cells
5.61E-60	0.2815169	0.411	0.101	1.89E-55	32	TNFRSF1A	Immune-B cells
7.48E-70	0.28020849	0.289	0.05	2.52E-65	32	HGD	Immune-B cells
1.72E-50	0.27957644	0.425	0.118	5.81E-46	32	SLC16A4	Immune-B cells
2.39E-43	0.27837132	0.343	0.093	8.04E-39	32	RNASET2	Immune-B cells
2.30E-55	0.27703266	0.389	0.098	7.76E-51	32	KIF22	Immune-B cells
1.14E-36	0.27688354	0.507	0.187	3.85E-32	32	PICALM	Immune-B cells
2.38E-49	0.27432736	0.425	0.121	8.02E-45	32	BNIP3L	Immune-B cells
9.91E-25	0.27399234	0.65	0.321	3.34E-20	32	TRMT112	Immune-B cells
5.97E-32	0.27363441	0.693	0.304	2.01E-27	32	HERPUD1	Immune-B cells
2.25E-18	0.27287531	0.943	0.617	7.59E-14	32	COX4I1	Immune-B cells
2.32E-32	0.27180212	0.307	0.093	7.82E-28	32	PBLD	Immune-B cells

7.88E-37	0.27170059	0.339	0.101	2.66E-32	32	UBR4	Immune-B cells
1.64E-35	0.27150821	0.529	0.205	5.52E-31	32	ERGIC3	Immune-B cells
1.80E-56	0.27131993	0.329	0.073	6.06E-52	32	NOTCH2	Immune-B cells
2.38E-54	0.27054814	0.336	0.078	8.03E-50	32	TM7SF3	Immune-B cells
6.32E-30	0.26995179	0.704	0.324	2.13E-25	32	NDUFB10	Immune-B cells
5.28E-21	0.26988911	0.796	0.429	1.78E-16	32	TPI1	Immune-B cells
8.59E-71	0.26983872	0.314	0.057	2.89E-66	32	HSPB8	Immune-B cells
8.53E-76	0.26963151	0.289	0.047	2.87E-71	32	FZD1	Immune-B cells
3.54E-41	0.26889328	0.421	0.132	1.19E-36	32	SIGIRR	Immune-B cells
3.83E-38	0.26838523	0.5	0.178	1.29E-33	32	WASF2	Immune-B cells
6.39E-55	0.26720417	0.293	0.061	2.15E-50	32	PDE7A	Immune-B cells
4.02E-55	0.26657427	0.346	0.081	1.35E-50	32	CMBL	Immune-B cells
1.19E-41	0.26648423	0.421	0.132	4.02E-37	32	CBX6	Immune-B cells
6.17E-22	0.26621936	0.879	0.512	2.08E-17	32	PCBP2	Immune-B cells
1.98E-18	0.26598955	0.825	0.469	6.66E-14	32	OST4	Immune-B cells
1.10E-35	0.2659884	0.479	0.176	3.70E-31	32	SYNGR2	Immune-B cells
6.11E-34	0.26580897	0.496	0.189	2.06E-29	32	EIF3G	Immune-B cells
5.04E-42	0.26572598	0.354	0.101	1.70E-37	32	ISOC2	Immune-B cells
1.80E-44	0.26560767	0.314	0.079	6.05E-40	32	NBL1	Immune-B cells
3.27E-26	0.26516046	0.7	0.34	1.10E-21	32	CUTA	Immune-B cells
9.74E-50	0.26491121	0.304	0.07	3.28E-45	32	SNX7	Immune-B cells
1.25E-18	0.26475389	0.761	0.439	4.21E-14	32	LAMTOR5	Immune-B cells
1.32E-18	0.26467905	0.854	0.496	4.46E-14	32	HNRNPA1	Immune-B cells
2.60E-24	0.26403001	0.893	0.498	8.76E-20	32	RPL36A	Immune-B cells
3.13E-57	0.26391307	0.339	0.076	1.06E-52	32	EDN1	Immune-B cells
3.20E-38	0.2631508	0.421	0.139	1.08E-33	32	GRHPR	Immune-B cells
3.26E-18	0.26041283	0.982	0.731	1.10E-13	32	RPL6	Immune-B cells
3.38E-31	0.26024316	0.557	0.229	1.14E-26	32	EIF3H	Immune-B cells
8.73E-71	0.25993291	0.254	0.039	2.94E-66	32	OLR1	Immune-B cells
4.95E-38	0.25919086	0.521	0.19	1.67E-33	32	H2AFY	Immune-B cells
1.50E-47	0.25871478	0.371	0.1	5.06E-43	32	TSPAN4	Immune-B cells
4.03E-58	0.25855053	0.529	0.15	1.36E-53	32	KCTD12	Immune-B cells
4.95E-23	0.25850725	0.743	0.385	1.67E-18	32	RBX1	Immune-B cells
3.06E-59	0.25775831	0.282	0.053	1.03E-54	32	PTPRC	Immune-B cells
8.53E-37	0.25768028	0.475	0.168	2.87E-32	32	ZBTB44	Immune-B cells
2.37E-45	0.25755908	0.307	0.075	7.99E-41	32	BCL2	Immune-B cells
2.96E-31	0.25745767	0.464	0.178	9.99E-27	32	CTSL	Immune-B cells
7.26E-19	0.257444	0.861	0.505	2.45E-14	32	ATPIF1	Immune-B cells
1.42E-53	0.25716454	0.304	0.067	4.80E-49	32	TMEM54	Immune-B cells
3.91E-62	0.25700168	0.254	0.044	1.32E-57	32	ARSE	Immune-B cells
8.11E-75	0.25691788	0.382	0.075	2.73E-70	32	SLC22A2	Immune-B cells
3.02E-70	0.25657788	0.275	0.046	1.02E-65	32	TINAG	Immune-B cells
1.29E-48	0.25566447	0.336	0.082	4.34E-44	32	FABP3	Immune-B cells
8.68E-34	0.25534594	0.561	0.219	2.92E-29	32	USP53	Immune-B cells
3.48E-45	0.25524641	0.275	0.062	1.17E-40	32	LPAR6	Immune-B cells
1.56E-27	0.25511349	0.507	0.214	5.26E-23	32	RNF181	Immune-B cells
1.54E-40	0.25489233	0.357	0.103	5.20E-36	32	ATP6V1B2	Immune-B cells
6.91E-41	0.25472935	0.275	0.067	2.33E-36	32	PRMT9	Immune-B cells

2.08E-39	0.25421015	0.404	0.124	7.00E-35	32	MEF2C	Immune-B cells
1.43E-43	0.25414204	0.321	0.083	4.81E-39	32	PEPD	Immune-B cells
4.27E-72	0.25411431	0.279	0.046	1.44E-67	32	CLDN1	Immune-B cells
7.57E-31	0.2540974	0.5	0.198	2.55E-26	32	OSTC	Immune-B cells
8.28E-40	0.25344288	0.496	0.169	2.79E-35	32	TUBA1A	Immune-B cells
5.97E-33	0.25308192	0.668	0.288	2.01E-28	32	ADI1	Immune-B cells
3.85E-49	0.25245628	0.389	0.104	1.30E-44	32	PSMB9	Immune-B cells
2.35E-30	0.25223983	0.471	0.181	7.93E-26	32	CLDN3	Immune-B cells
2.93E-30	0.2517393	0.539	0.222	9.86E-26	32	CFLAR	Immune-B cells
3.88E-35	0.25132439	0.518	0.197	1.31E-30	32	POLR2J	Immune-B cells
2.28E-88	0.25112518	0.261	0.035	7.68E-84	32	TNIK	Immune-B cells
1.96E-36	0.25087166	0.386	0.124	6.60E-32	32	PSMB8	Immune-B cells
7.37E-18	0.25046638	0.829	0.478	2.48E-13	32	SOD1	Immune-B cells
7.57E-31	0.25045807	0.529	0.217	2.55E-26	32	ECH1	Immune-B cells
1.04E-35	0.25030746	0.525	0.197	3.51E-31	32	EIF3L	Immune-B cells
3.51E-45	0.25023496	0.311	0.077	1.18E-40	32	ERBB3	Immune-B cells
0	2.29840441	0.962	0.101	0	33	SPINK1	Immune-NK cells
0	1.70408579	0.623	0.026	0	33	OLFM4	Immune-NK cells
3.04E-96	1.6804323	0.995	0.588	1.02E-91	33	SPP1	Immune-NK cells
9.49E-145	1.23665471	0.798	0.135	#########	33	SLC8A1	Immune-NK cells
6.85E-126	1.20477905	0.35	0.032	#########	33	KLK1	Immune-NK cells
5.46E-203	1.19701861	0.694	0.076	#########	33	RHCG	Immune-NK cells
3.22E-185	1.11353662	0.716	0.087	#########	33	SLC26A7	Immune-NK cells
1.51E-57	1.10861709	0.934	0.54	5.09E-53	33	WFDC2	Immune-NK cells
8.82E-211	1.08296695	0.738	0.083	#########	33	ATP6V0D2	Immune-NK cells
7.11E-61	1.01366458	0.798	0.318	2.40E-56	33	C12orf75	Immune-NK cells
7.40E-141	0.98783633	0.519	0.061	#########	33	LTF	Immune-NK cells
2.95E-64	0.98090422	0.749	0.25	9.93E-60	33	LITAF	Immune-NK cells
1.90E-178	0.98015294	0.568	0.058	#########	33	SLC4A1	Immune-NK cells
9.13E-35	0.9547951	0.689	0.292	3.08E-30	33	MMP7	Immune-NK cells
5.34E-76	0.91213976	0.661	0.148	1.80E-71	33	CALB1	Immune-NK cells
1.33E-93	0.88960885	0.765	0.174	4.48E-89	33	PTGER3	Immune-NK cells
1.25E-43	0.8607562	0.699	0.267	4.21E-39	33	TSPAN1	Immune-NK cells
5.81E-56	0.8304239	0.787	0.293	1.96E-51	33	ATP6AP2	Immune-NK cells
3.55E-102	0.82996497	0.634	0.116	1.20E-97	33	TMEM101	Immune-NK cells
1.74E-40	0.80561208	0.787	0.392	5.87E-36	33	ATP6V0B	Immune-NK cells
3.21E-69	0.78918834	0.683	0.175	1.08E-64	33	TMEM213	Immune-NK cells
8.41E-44	0.78428278	0.891	0.48	2.83E-39	33	CTSD	Immune-NK cells
1.25E-58	0.77224839	0.623	0.174	4.21E-54	33	RARRES3	Immune-NK cells
2.97E-41	0.7598854	0.995	0.606	1.00E-36	33	DEFB1	Immune-NK cells
1.51E-37	0.74231025	0.754	0.355	5.10E-33	33	LDHA	Immune-NK cells
9.94E-128	0.73922087	0.486	0.059	#########	33	ERP27	Immune-NK cells
3.22E-148	0.73878276	0.579	0.071	#########	33	IL18	Immune-NK cells
3.69E-45	0.73728527	0.645	0.223	1.24E-40	33	SERPING1	Immune-NK cells
2.98E-44	0.726488	0.77	0.296	1.00E-39	33	HIF1A	Immune-NK cells
8.09E-34	0.71339889	0.732	0.323	2.73E-29	33	SOD2	Immune-NK cells
1.44E-82	0.71094446	0.448	0.072	4.84E-78	33	UAP1	Immune-NK cells
2.76E-36	0.69714287	0.749	0.337	9.30E-32	33	SLC25A5	Immune-NK cells

1.26E-39	0.68852966	0.437	0.118	4.24E-35	33	CCL2	Immune-NK cells
1.29E-57	0.67991389	0.492	0.111	4.34E-53	33	ADM	Immune-NK cells
9.60E-41	0.67483893	0.656	0.235	3.24E-36	33	LGALS3	Immune-NK cells
1.77E-66	0.66843731	0.65	0.152	5.96E-62	33	ADGRF5	Immune-NK cells
3.54E-216	0.66577731	0.519	0.041	#########	33	DMRT2	Immune-NK cells
8.61E-36	0.66361254	0.781	0.367	2.90E-31	33	CHCHD10	Immune-NK cells
6.93E-49	0.65955089	0.727	0.24	2.33E-44	33	RASD1	Immune-NK cells
1.68E-32	0.65131063	0.858	0.483	5.66E-28	33	LDHB	Immune-NK cells
1.36E-56	0.63152841	0.612	0.166	4.59E-52	33	DCDC2	Immune-NK cells
5.52E-58	0.62032823	0.481	0.107	1.86E-53	33	GADD45G	Immune-NK cells
1.31E-43	0.61518635	0.727	0.25	4.42E-39	33	COX7A1	Immune-NK cells
8.13E-80	0.61138434	0.448	0.072	2.74E-75	33	TMEM178A	Immune-NK cells
3.22E-32	0.6090335	0.683	0.3	1.08E-27	33	NDUFA6	Immune-NK cells
2.14E-175	0.60489222	0.437	0.035	#########	33	AVPR1A	Immune-NK cells
6.52E-35	0.59566005	0.705	0.285	2.20E-30	33	CKB	Immune-NK cells
9.73E-48	0.59369819	0.552	0.151	3.28E-43	33	KCTD12	Immune-NK cells
2.95E-39	0.59227853	0.678	0.247	9.95E-35	33	UQCRFS1	Immune-NK cells
8.56E-178	0.58079707	0.383	0.027	#########	33	FOXI1	Immune-NK cells
5.32E-33	0.57432164	0.956	0.648	1.79E-28	33	CD24	Immune-NK cells
2.25E-38	0.57132642	0.678	0.24	7.57E-34	33	ATP6V1A	Immune-NK cells
4.12E-29	0.56440904	0.76	0.367	1.39E-24	33	CYCS	Immune-NK cells
5.57E-27	0.56072787	0.847	0.511	1.88E-22	33	RTN4	Immune-NK cells
3.88E-24	0.55920078	0.798	0.449	1.31E-19	33	ATP5G3	Immune-NK cells
7.48E-28	0.55678624	0.765	0.374	2.52E-23	33	PKM	Immune-NK cells
1.85E-26	0.55662539	0.721	0.345	6.24E-22	33	EPCAM	Immune-NK cells
1.24E-41	0.55461492	0.459	0.118	4.19E-37	33	SLC16A7	Immune-NK cells
5.59E-42	0.55398937	0.727	0.252	1.88E-37	33	SCIN	Immune-NK cells
1.87E-31	0.54794156	0.76	0.355	6.29E-27	33	ATP5B	Immune-NK cells
1.19E-46	0.54522147	0.601	0.174	4.02E-42	33	ITGB6	Immune-NK cells
2.04E-22	0.54511355	0.678	0.336	6.87E-18	33	KRT18	Immune-NK cells
2.94E-21	0.54322101	0.831	0.574	9.89E-17	33	GSTP1	Immune-NK cells
4.49E-99	0.54243538	0.317	0.033	1.51E-94	33	LCN2	Immune-NK cells
4.13E-44	0.54230981	0.492	0.13	1.39E-39	33	RRAD	Immune-NK cells
2.55E-29	0.53712971	0.896	0.497	8.59E-25	33	ATP1A1	Immune-NK cells
6.37E-187	0.52121388	0.372	0.024	#########	33	AQP6	Immune-NK cells
1.12E-29	0.5211035	0.705	0.305	3.76E-25	33	BCAM	Immune-NK cells
5.14E-21	0.51655018	0.76	0.449	1.73E-16	33	SLC25A6	Immune-NK cells
7.04E-25	0.51512894	0.94	0.607	2.37E-20	33	COX7B	Immune-NK cells
1.47E-37	0.51350469	0.82	0.315	4.96E-33	33	CA12	Immune-NK cells
4.92E-43	0.51253433	0.557	0.163	1.66E-38	33	IDH2	Immune-NK cells
1.81E-32	0.51216069	0.628	0.237	6.09E-28	33	HIGD1A	Immune-NK cells
8.37E-58	0.51206005	0.563	0.134	2.82E-53	33	MAGI1	Immune-NK cells
5.46E-27	0.50912262	0.749	0.373	1.84E-22	33	ATP5O	Immune-NK cells
1.18E-24	0.50848339	0.913	0.608	3.97E-20	33	HSPA1A	Immune-NK cells
4.45E-81	0.50415326	0.459	0.075	1.50E-76	33	ATP6V0A4	Immune-NK cells
2.07E-44	0.50375013	0.541	0.15	6.97E-40	33	ADAMTS1	Immune-NK cells
7.98E-25	0.50111229	0.694	0.325	2.69E-20	33	ATP5A1	Immune-NK cells
1.16E-111	0.49973201	0.377	0.04	#########	33	KIT	Immune-NK cells

2.37E-96	0.49584409	0.372	0.044	7.97E-92	33	CLNK	Immune-NK cells
9.16E-61	0.49011009	0.475	0.098	3.09E-56	33	KITLG	Immune-NK cells
1.49E-42	0.48968087	0.557	0.165	5.01E-38	33	AK2	Immune-NK cells
3.68E-50	0.4867004	0.546	0.14	1.24E-45	33	OGDHL	Immune-NK cells
1.86E-24	0.4865439	0.716	0.35	6.27E-20	33	PRR13	Immune-NK cells
4.61E-103	0.4841576	0.399	0.047	1.55E-98	33	LINC01187	Immune-NK cells
2.20E-32	0.48333481	0.743	0.301	7.40E-28	33	MSI2	Immune-NK cells
2.04E-65	0.47900793	0.885	0.288	6.87E-61	33	IGFBP5	Immune-NK cells
1.01E-23	0.47740156	0.721	0.352	3.40E-19	33	ATP5G1	Immune-NK cells
1.67E-22	0.47451675	0.913	0.715	5.62E-18	33	NDUFA4	Immune-NK cells
1.20E-23	0.47380444	0.929	0.617	4.06E-19	33	COX4I1	Immune-NK cells
3.16E-32	0.47208972	0.65	0.243	1.06E-27	33	PFN2	Immune-NK cells
5.20E-25	0.47057856	0.601	0.263	1.75E-20	33	SRI	Immune-NK cells
2.02E-25	0.46981253	0.667	0.303	6.82E-21	33	COX5A	Immune-NK cells
7.13E-23	0.46980117	0.738	0.376	2.40E-18	33	SLC25A3	Immune-NK cells
6.32E-38	0.46883312	0.672	0.237	2.13E-33	33	GABARAPL	Immune-NK cells
2.64E-18	0.46864798	0.825	0.564	8.90E-14	33	S100A11	Immune-NK cells
1.54E-20	0.4686368	0.88	0.577	5.19E-16	33	COX5B	Immune-NK cells
3.74E-84	0.46842153	0.503	0.085	1.26E-79	33	MTRNR2L1	Immune-NK cells
4.58E-34	0.46154399	0.519	0.169	1.54E-29	33	SLC25A4	Immune-NK cells
1.25E-22	0.46104776	0.929	0.683	4.21E-18	33	SAT1	Immune-NK cells
4.86E-32	0.46067388	0.486	0.154	1.64E-27	33	RBBP8	Immune-NK cells
2.57E-19	0.45831453	0.781	0.462	8.65E-15	33	CHCHD2	Immune-NK cells
4.20E-31	0.45740869	0.552	0.194	1.41E-26	33	PPP2R1A	Immune-NK cells
6.64E-48	0.4548481	0.443	0.101	2.24E-43	33	LHX1	Immune-NK cells
9.07E-46	0.4511216	0.492	0.125	3.06E-41	33	TBC1D9	Immune-NK cells
2.51E-60	0.44979362	0.443	0.087	8.47E-56	33	FOLR3	Immune-NK cells
8.65E-37	0.44972741	0.454	0.129	2.91E-32	33	DYNLT3	Immune-NK cells
9.15E-41	0.44935234	0.475	0.13	3.08E-36	33	TBC1D1	Immune-NK cells
4.01E-44	0.44597586	0.459	0.114	1.35E-39	33	MSMO1	Immune-NK cells
3.50E-20	0.44590047	0.885	0.619	1.18E-15	33	ATP5L	Immune-NK cells
5.36E-82	0.44293498	0.486	0.078	1.80E-77	33	ATP6V1G3	Immune-NK cells
3.73E-25	0.44258142	0.656	0.289	1.26E-20	33	ATP5C1	Immune-NK cells
5.24E-30	0.44164522	0.443	0.137	1.76E-25	33	SCPEP1	Immune-NK cells
8.27E-16	0.44044758	0.847	0.67	2.79E-11	33	RPS2	Immune-NK cells
8.32E-46	0.43905889	0.366	0.077	2.80E-41	33	RRAGD	Immune-NK cells
4.93E-21	0.43827749	0.88	0.503	1.66E-16	33	COX8A	Immune-NK cells
3.05E-33	0.43801964	0.557	0.191	1.03E-28	33	LAPTM4B	Immune-NK cells
2.82E-18	0.43686747	0.77	0.505	9.49E-14	33	HLA-A	Immune-NK cells
7.55E-65	0.43565518	0.47	0.091	2.55E-60	33	LINC01503	Immune-NK cells
2.59E-24	0.43533991	0.683	0.31	8.73E-20	33	IFITM2	Immune-NK cells
1.15E-19	0.43336023	0.792	0.464	3.87E-15	33	ATP5D	Immune-NK cells
1.19E-24	0.43273107	0.667	0.29	4.02E-20	33	GHITM	Immune-NK cells
5.98E-35	0.43056914	0.519	0.155	2.02E-30	33	CLCNKB	Immune-NK cells
4.60E-16	0.42799949	0.76	0.495	1.55E-11	33	TMEM59	Immune-NK cells
1.88E-29	0.42771518	0.29	0.07	6.35E-25	33	PVALB	Immune-NK cells
3.80E-36	0.42757551	0.661	0.237	1.28E-31	33	NDUFB5	Immune-NK cells
1.32E-20	0.4253593	0.689	0.352	4.46E-16	33	SPCS1	Immune-NK cells

4.01E-46	0.42529687	0.541	0.149	1.35E-41	33	SLC25A39	Immune-NK cells
5.21E-47	0.42498285	0.563	0.154	1.76E-42	33	DSG2	Immune-NK cells
3.53E-15	0.42429376	0.683	0.399	1.19E-10	33	CD59	Immune-NK cells
7.64E-34	0.42347722	0.475	0.144	2.57E-29	33	LINC00152	Immune-NK cells
3.24E-36	0.42338373	0.492	0.148	1.09E-31	33	MKKS	Immune-NK cells
4.28E-27	0.4231645	0.596	0.237	1.44E-22	33	HACD3	Immune-NK cells
4.97E-31	0.42106195	0.448	0.136	1.67E-26	33	HSPA6	Immune-NK cells
6.30E-16	0.42081088	0.754	0.487	2.12E-11	33	HSPE1	Immune-NK cells
1.16E-31	0.42062446	0.645	0.231	3.89E-27	33	CA2	Immune-NK cells
1.71E-26	0.42043509	0.65	0.271	5.77E-22	33	ATP5F1	Immune-NK cells
1.59E-28	0.41942604	0.612	0.239	5.36E-24	33	HIGD2A	Immune-NK cells
8.41E-100	0.41857001	0.344	0.037	2.83E-95	33	SLIT2	Immune-NK cells
3.00E-32	0.4174466	0.579	0.205	1.01E-27	33	ITGAV	Immune-NK cells
3.40E-27	0.41517645	0.443	0.145	1.15E-22	33	RCAN1	Immune-NK cells
1.59E-16	0.41493913	0.803	0.544	5.37E-12	33	CD63	Immune-NK cells
1.30E-42	0.41464596	0.53	0.15	4.38E-38	33	ZMPSTE24	Immune-NK cells
6.23E-17	0.41405487	0.743	0.43	2.10E-12	33	TPI1	Immune-NK cells
7.87E-33	0.41296269	0.574	0.194	2.65E-28	33	HSPA9	Immune-NK cells
1.53E-17	0.41168918	0.672	0.355	5.15E-13	33	PRDX2	Immune-NK cells
6.29E-27	0.41157516	0.727	0.31	2.12E-22	33	HSPA5	Immune-NK cells
1.49E-27	0.41156983	0.738	0.325	5.02E-23	33	VDAC1	Immune-NK cells
6.25E-21	0.40998928	0.699	0.344	2.11E-16	33	COA3	Immune-NK cells
3.54E-23	0.40923356	0.787	0.369	1.19E-18	33	CDH16	Immune-NK cells
6.13E-36	0.40859894	0.437	0.12	2.07E-31	33	HMGCS1	Immune-NK cells
6.41E-32	0.40858411	0.639	0.235	2.16E-27	33	APOE	Immune-NK cells
1.78E-18	0.4045081	0.923	0.706	5.99E-14	33	IGFBP7	Immune-NK cells
9.33E-38	0.40433961	0.557	0.174	3.14E-33	33	LIMA1	Immune-NK cells
2.01E-17	0.40048913	0.689	0.363	6.76E-13	33	NDUFC2	Immune-NK cells
3.35E-23	0.39970097	0.667	0.305	1.13E-18	33	DDT	Immune-NK cells
6.37E-25	0.39878697	0.738	0.327	2.15E-20	33	NDUFA5	Immune-NK cells
2.07E-31	0.39773583	0.574	0.205	6.99E-27	33	DHRS7	Immune-NK cells
2.44E-57	0.39726682	0.399	0.076	8.22E-53	33	GRB14	Immune-NK cells
2.08E-38	0.39470415	0.399	0.097	7.01E-34	33	SERPINA5	Immune-NK cells
1.19E-27	0.39299831	0.694	0.281	4.00E-23	33	GDF15	Immune-NK cells
3.46E-27	0.39209141	0.574	0.22	1.16E-22	33	CYC1	Immune-NK cells
1.97E-37	0.38961075	0.546	0.171	6.63E-33	33	PPIC	Immune-NK cells
1.23E-27	0.38863824	0.59	0.223	4.16E-23	33	CLDN7	Immune-NK cells
9.00E-39	0.38650961	0.596	0.187	3.03E-34	33	PLEKHB2	Immune-NK cells
1.06E-26	0.38615354	0.568	0.212	3.56E-22	33	C8orf4	Immune-NK cells
1.30E-18	0.38610551	0.913	0.642	4.37E-14	33	UQCRQ	Immune-NK cells
2.36E-82	0.38563597	0.333	0.041	7.96E-78	33	C1orf168	Immune-NK cells
2.55E-49	0.38463343	0.454	0.103	8.61E-45	33	PHLDA1	Immune-NK cells
1.56E-21	0.3833146	0.612	0.27	5.25E-17	33	KRT8	Immune-NK cells
6.98E-16	0.38268131	0.836	0.527	2.35E-11	33	ATP5J	Immune-NK cells
1.66E-14	0.38167312	0.705	0.397	5.60E-10	33	ENO1	Immune-NK cells
3.99E-28	0.37918014	0.486	0.16	1.35E-23	33	UHMK1	Immune-NK cells
4.10E-17	0.37807293	0.628	0.326	1.38E-12	33	ISCU	Immune-NK cells
2.74E-15	0.3773959	0.754	0.428	9.24E-11	33	DBI	Immune-NK cells

6.39E-36	0.37734472	0.443	0.123	2.15E-31	33	SNX10	Immune-NK cells
3.05E-33	0.37719463	0.454	0.132	1.03E-28	33	EPS8	Immune-NK cells
4.92E-15	0.37017156	0.721	0.407	1.66E-10	33	CYSTM1	Immune-NK cells
3.63E-38	0.37003864	0.492	0.14	1.22E-33	33	HPRT1	Immune-NK cells
1.46E-27	0.36978013	0.546	0.2	4.91E-23	33	ATP6V1E1	Immune-NK cells
1.28E-45	0.3694294	0.333	0.065	4.31E-41	33	TMPRSS2	Immune-NK cells
4.97E-25	0.36921353	0.536	0.207	1.67E-20	33	RNF213	Immune-NK cells
3.66E-24	0.3689306	0.792	0.358	1.23E-19	33	MUC1	Immune-NK cells
3.42E-16	0.36772513	0.792	0.469	1.15E-11	33	CFL1	Immune-NK cells
3.22E-13	0.36750197	0.727	0.465	1.08E-08	33	MYL12B	Immune-NK cells
1.03E-14	0.36544172	0.891	0.673	3.46E-10	33	EIF1	Immune-NK cells
4.97E-36	0.3653093	0.514	0.152	1.67E-31	33	PPARGC1A	Immune-NK cells
1.31E-30	0.36517154	0.497	0.156	4.42E-26	33	CLCNKA	Immune-NK cells
1.31E-34	0.36473456	0.262	0.053	4.40E-30	33	TFAP2A	Immune-NK cells
4.40E-30	0.36071618	0.454	0.141	1.48E-25	33	COPRS	Immune-NK cells
5.93E-56	0.360673	0.35	0.061	2.00E-51	33	OXCT1	Immune-NK cells
8.68E-20	0.36033942	0.628	0.284	2.92E-15	33	COX7A2L	Immune-NK cells
4.33E-139	0.35951386	0.393	0.035	#########	33	ATP6V1C2	Immune-NK cells
1.52E-33	0.357646	0.47	0.138	5.11E-29	33	ABCA5	Immune-NK cells
1.15E-43	0.35609858	0.41	0.097	3.86E-39	33	TMEM106C	Immune-NK cells
1.22E-28	0.35573482	0.53	0.186	4.11E-24	33	CBR1	Immune-NK cells
1.63E-13	0.35494771	0.842	0.591	5.51E-09	33	SKP1	Immune-NK cells
2.02E-20	0.35486804	0.645	0.299	6.82E-16	33	NDUFB3	Immune-NK cells
1.70E-24	0.35412297	0.541	0.201	5.73E-20	33	RPS4Y1	Immune-NK cells
1.05E-19	0.35268982	0.508	0.205	3.52E-15	33	PTP4A1	Immune-NK cells
3.05E-21	0.35265283	0.601	0.261	1.03E-16	33	ARHGAP29	Immune-NK cells
1.25E-24	0.35250069	0.568	0.219	4.21E-20	33	XBP1	Immune-NK cells
8.46E-25	0.35238714	0.579	0.231	2.85E-20	33	SDHC	Immune-NK cells
2.48E-28	0.35173505	0.612	0.233	8.37E-24	33	NFAT5	Immune-NK cells
7.43E-21	0.35148248	0.727	0.35	2.50E-16	33	ATP6V1F	Immune-NK cells
2.31E-25	0.35127021	0.59	0.237	7.78E-21	33	NDUFA12	Immune-NK cells
5.00E-29	0.35094954	0.645	0.234	1.69E-24	33	HSD11B2	Immune-NK cells
8.08E-22	0.34972948	0.661	0.295	2.72E-17	33	PDIA3	Immune-NK cells
2.92E-26	0.34934703	0.574	0.221	9.84E-22	33	NDUFV2	Immune-NK cells
2.83E-23	0.34862512	0.585	0.243	9.54E-19	33	REEP5	Immune-NK cells
1.72E-13	0.34859872	0.918	0.729	5.81E-09	33	SERF2	Immune-NK cells
4.70E-16	0.34791294	0.705	0.382	1.58E-11	33	ALDOA	Immune-NK cells
4.08E-14	0.34654984	0.847	0.599	1.37E-09	33	COX7A2	Immune-NK cells
1.33E-29	0.34651333	0.486	0.157	4.49E-25	33	NEDD4L	Immune-NK cells
3.55E-50	0.34560781	0.344	0.065	1.20E-45	33	BPGM	Immune-NK cells
1.09E-38	0.34424679	0.301	0.062	3.67E-34	33	FAM102A	Immune-NK cells
3.02E-21	0.34372708	0.601	0.263	1.02E-16	33	ARF4	Immune-NK cells
1.07E-36	0.34365329	0.377	0.095	3.61E-32	33	MRPL15	Immune-NK cells
6.04E-28	0.34292376	0.53	0.188	2.03E-23	33	ADGRG1	Immune-NK cells
1.87E-23	0.3415492	0.317	0.092	6.28E-19	33	TBX2	Immune-NK cells
8.25E-18	0.3409273	0.672	0.337	2.78E-13	33	PRDX6	Immune-NK cells
1.83E-16	0.3408119	0.716	0.365	6.15E-12	33	SPINT2	Immune-NK cells
5.01E-34	0.34009709	0.47	0.141	1.69E-29	33	CLN5	Immune-NK cells

1.56E-23	0.3399944	0.563	0.226	5.24E-19	33	VDAC2	Immune-NK cells
3.72E-27	0.33985721	0.585	0.222	1.25E-22	33	LINC00969	Immune-NK cells
2.12E-25	0.33970011	0.508	0.185	7.14E-21	33	SDHD	Immune-NK cells
8.75E-12	0.33934227	0.787	0.558	2.95E-07	33	GAPDH	Immune-NK cells
8.19E-30	0.33920521	0.525	0.178	2.76E-25	33	ENSA	Immune-NK cells
2.08E-28	0.33848081	0.393	0.116	7.01E-24	33	GPI	Immune-NK cells
9.64E-36	0.33736131	0.421	0.114	3.25E-31	33	CCNG1	Immune-NK cells
2.89E-22	0.33654486	0.617	0.263	9.75E-18	33	STAT3	Immune-NK cells
1.09E-23	0.33579839	0.568	0.229	3.66E-19	33	ALDH1A1	Immune-NK cells
4.66E-53	0.33537371	0.361	0.068	1.57E-48	33	ST5	Immune-NK cells
4.89E-42	0.33513773	0.514	0.14	1.65E-37	33	ARHGAP18	Immune-NK cells
1.87E-24	0.33473618	0.486	0.179	6.31E-20	33	NDUFS2	Immune-NK cells
6.22E-25	0.33431229	0.552	0.214	2.10E-20	33	HADHB	Immune-NK cells
3.51E-28	0.33398702	0.377	0.11	1.18E-23	33	SLC25A11	Immune-NK cells
3.58E-13	0.33215984	0.874	0.726	1.21E-08	33	RPL8	Immune-NK cells
2.38E-11	0.33194013	0.842	0.714	8.03E-07	33	RPL15	Immune-NK cells
1.32E-31	0.33193955	0.464	0.143	4.46E-27	33	11-532F12	Immune-NK cells
1.95E-62	0.33144509	0.383	0.065	6.57E-58	33	ERO1A	Immune-NK cells
3.06E-20	0.3304547	0.344	0.116	1.03E-15	33	NDFIP2	Immune-NK cells
7.99E-32	0.33022485	0.311	0.075	2.69E-27	33	HOXA9	Immune-NK cells
1.54E-13	0.33017834	0.792	0.503	5.20E-09	33	NDUFS5	Immune-NK cells
9.11E-26	0.32999371	0.421	0.138	3.07E-21	33	ITGA6	Immune-NK cells
1.97E-34	0.32934893	0.393	0.103	6.64E-30	33	ADGRF1	Immune-NK cells
1.25E-13	0.32831042	0.738	0.472	4.21E-09	33	ATP6V0E1	Immune-NK cells
6.91E-33	0.32803864	0.399	0.11	2.33E-28	33	TPD52L1	Immune-NK cells
1.15E-20	0.32691447	0.612	0.268	3.86E-16	33	CIB1	Immune-NK cells
4.81E-40	0.32690752	0.443	0.113	1.62E-35	33	PRSS23	Immune-NK cells
1.07E-12	0.32678273	0.836	0.584	3.62E-08	33	NDUFB2	Immune-NK cells
5.52E-20	0.32622436	0.536	0.226	1.86E-15	33	TMEM147	Immune-NK cells
2.58E-14	0.32589391	0.596	0.311	8.71E-10	33	SELM	Immune-NK cells
3.02E-29	0.32565951	0.579	0.207	1.02E-24	33	PTBP3	Immune-NK cells
5.72E-27	0.32550935	0.372	0.11	1.93E-22	33	WWP1	Immune-NK cells
2.92E-18	0.32527876	0.71	0.351	9.83E-14	33	VAPA	Immune-NK cells
2.70E-12	0.32519335	0.896	0.748	9.08E-08	33	RPL7	Immune-NK cells
2.93E-39	0.32517166	0.372	0.087	9.88E-35	33	PPP2R5A	Immune-NK cells
7.86E-14	0.32510435	0.918	0.644	2.65E-09	33	ACTG1	Immune-NK cells
1.06E-14	0.32464904	0.874	0.537	3.57E-10	33	TMBIM6	Immune-NK cells
4.73E-13	0.32412584	0.88	0.598	1.59E-08	33	PPIA	Immune-NK cells
4.41E-20	0.32367723	0.514	0.21	1.49E-15	33	WDR1	Immune-NK cells
2.13E-12	0.32317571	0.787	0.536	7.19E-08	33	COX6A1	Immune-NK cells
1.14E-21	0.32119023	0.344	0.111	3.85E-17	33	SEL1L	Immune-NK cells
2.63E-36	0.32101285	0.268	0.053	8.85E-32	33	CXCL3	Immune-NK cells
5.67E-27	0.32045551	0.393	0.119	1.91E-22	33	NNT	Immune-NK cells
6.34E-25	0.32038902	0.383	0.119	2.14E-20	33	CCT5	Immune-NK cells
1.77E-32	0.31803948	0.426	0.12	5.95E-28	33	UCHL1	Immune-NK cells
7.01E-24	0.31730824	0.492	0.181	2.36E-19	33	PHB	Immune-NK cells
5.72E-27	0.31719625	0.399	0.122	1.93E-22	33	CXCL2	Immune-NK cells
8.37E-18	0.31711808	0.989	0.743	2.82E-13	33	ATP1B1	Immune-NK cells

1.05E-20	0.31702286	0.464	0.175	3.55E-16	33	SUCLG2	Immune-NK cells
4.16E-17	0.31612826	0.574	0.264	1.40E-12	33	HIPK2	Immune-NK cells
4.82E-57	0.31580076	0.311	0.049	1.63E-52	33	SCN2A	Immune-NK cells
1.53E-17	0.31540903	0.53	0.242	5.14E-13	33	PSMB3	Immune-NK cells
1.95E-14	0.31517341	0.825	0.483	6.58E-10	33	NDUFA3	Immune-NK cells
2.95E-49	0.31471327	0.35	0.066	9.95E-45	33	RCAN2	Immune-NK cells
3.14E-28	0.31468866	0.29	0.071	1.06E-23	33	SLC9A3R1	Immune-NK cells
1.04E-14	0.31348086	0.65	0.336	3.50E-10	33	C4orf3	Immune-NK cells
7.30E-15	0.31234125	0.721	0.389	2.46E-10	33	MGST3	Immune-NK cells
9.01E-47	0.31158599	0.383	0.081	3.03E-42	33	EXOSC7	Immune-NK cells
1.27E-25	0.31155299	0.464	0.158	4.27E-21	33	FAM3C	Immune-NK cells
2.16E-33	0.31081502	0.35	0.087	7.28E-29	33	BACE2	Immune-NK cells
6.62E-23	0.31049711	0.552	0.216	2.23E-18	33	MACF1	Immune-NK cells
1.49E-24	0.30927124	0.432	0.147	5.02E-20	33	LYPLAL1	Immune-NK cells
1.29E-19	0.30797892	0.596	0.266	4.36E-15	33	NDUFS7	Immune-NK cells
2.46E-80	0.30791863	0.295	0.033	8.29E-76	33	HEPACAM2	Immune-NK cells
1.57E-29	0.30781002	0.448	0.139	5.28E-25	33	PLEKHJ1	Immune-NK cells
2.30E-24	0.30757402	0.541	0.209	7.74E-20	33	SELT	Immune-NK cells
8.43E-23	0.3075515	0.563	0.23	2.84E-18	33	C9orf16	Immune-NK cells
9.88E-62	0.30688723	0.301	0.043	3.33E-57	33	SNTB1	Immune-NK cells
5.17E-19	0.30649389	0.628	0.297	1.74E-14	33	PDIA6	Immune-NK cells
1.03E-54	0.30583543	0.295	0.046	3.47E-50	33	CDA	Immune-NK cells
3.87E-25	0.30548891	0.284	0.075	1.30E-20	33	IDH3A	Immune-NK cells
8.07E-14	0.30546524	0.705	0.392	2.72E-09	33	SPCS2	Immune-NK cells
8.30E-25	0.30514275	0.552	0.208	2.80E-20	33	PCBD1	Immune-NK cells
4.11E-26	0.30505853	0.41	0.131	1.38E-21	33	NDUFA9	Immune-NK cells
8.20E-28	0.30503526	0.355	0.1	2.76E-23	33	IR4435-2H	Immune-NK cells
1.37E-27	0.30490773	0.257	0.06	4.61E-23	33	HMGCR	Immune-NK cells
2.13E-19	0.30478839	0.503	0.207	7.18E-15	33	TNFRSF12A	Immune-NK cells
7.46E-26	0.30408639	0.514	0.183	2.51E-21	33	ATP6AP1	Immune-NK cells
3.06E-29	0.30343401	0.333	0.089	1.03E-24	33	PLGRKT	Immune-NK cells
2.92E-19	0.30321668	0.617	0.278	9.85E-15	33	PGK1	Immune-NK cells
1.08E-19	0.30316685	0.781	0.449	3.65E-15	33	CD74	Immune-NK cells
1.31E-51	0.30286349	0.339	0.061	4.42E-47	33	MPPED2	Immune-NK cells
6.92E-14	0.30268784	0.82	0.514	2.33E-09	33	UQCR10	Immune-NK cells
1.26E-48	0.30262507	0.306	0.054	4.23E-44	33	TMEM116	Immune-NK cells
1.40E-23	0.300695	0.399	0.13	4.71E-19	33	CNPPD1	Immune-NK cells
6.49E-22	0.30053451	0.464	0.174	2.19E-17	33	LYPLA1	Immune-NK cells
8.37E-26	0.30041156	0.322	0.09	2.82E-21	33	SAV1	Immune-NK cells
4.80E-24	0.30013364	0.519	0.195	1.62E-19	33	PPA1	Immune-NK cells
9.01E-24	0.30008339	0.508	0.189	3.04E-19	33	CDK2AP2	Immune-NK cells
1.35E-10	0.2998206	0.869	0.609	4.54E-06	33	USMG5	Immune-NK cells
7.51E-17	0.29942533	0.645	0.314	2.53E-12	33	SNU13	Immune-NK cells
5.25E-30	0.29931249	0.41	0.12	1.77E-25	33	SLC35F5	Immune-NK cells
4.29E-24	0.29907557	0.574	0.224	1.45E-19	33	ACAT1	Immune-NK cells
8.90E-13	0.29903052	0.716	0.435	3.00E-08	33	ATP6V1G1	Immune-NK cells
4.03E-18	0.2989711	0.989	0.922	1.36E-13	33	EEF1A1	Immune-NK cells
2.78E-21	0.29777617	0.47	0.181	9.36E-17	33	PSMB5	Immune-NK cells

1.12E-17	0.29692793	0.634	0.307	3.76E-13	33	NDUFS8	Immune-NK cells
8.12E-27	0.2964377	0.35	0.1	2.73E-22	33	SHISA5	Immune-NK cells
7.79E-26	0.29639582	0.404	0.129	2.63E-21	33	SPINT1	Immune-NK cells
1.08E-20	0.2951381	0.672	0.3	3.63E-16	33	TACSTD2	Immune-NK cells
2.80E-23	0.29481244	0.432	0.151	9.43E-19	33	SAT2	Immune-NK cells
1.61E-30	0.29338209	0.322	0.081	5.44E-26	33	TFRC	Immune-NK cells
2.30E-24	0.29269114	0.464	0.163	7.76E-20	33	CD2AP	Immune-NK cells
2.37E-22	0.29255798	0.536	0.21	7.99E-18	33	NDUFS4	Immune-NK cells
5.58E-16	0.29222349	0.656	0.314	1.88E-11	33	TRAM1	Immune-NK cells
2.93E-44	0.29141136	0.344	0.071	9.86E-40	33	RAB25	Immune-NK cells
2.75E-25	0.28999656	0.503	0.181	9.25E-21	33	ANAPC13	Immune-NK cells
6.88E-11	0.28975453	0.77	0.47	2.32E-06	33	OST4	Immune-NK cells
6.75E-17	0.28966484	0.683	0.349	2.27E-12	33	GUK1	Immune-NK cells
8.42E-14	0.28953438	0.798	0.465	2.84E-09	33	MINOS1	Immune-NK cells
2.98E-23	0.28922644	0.388	0.128	1.00E-18	33	UPP1	Immune-NK cells
1.63E-31	0.28901654	0.432	0.126	5.49E-27	33	ATP6V1H	Immune-NK cells
6.16E-22	0.28860195	0.497	0.193	2.08E-17	33	UQCRC2	Immune-NK cells
8.96E-25	0.28837444	0.508	0.182	3.02E-20	33	DSP	Immune-NK cells
9.05E-24	0.28780403	0.372	0.116	3.05E-19	33	LRPPRC	Immune-NK cells
7.59E-24	0.28769614	0.443	0.154	2.56E-19	33	C1QBP	Immune-NK cells
2.29E-12	0.28723037	0.689	0.401	7.72E-08	33	BSG	Immune-NK cells
2.16E-33	0.28672203	0.415	0.115	7.29E-29	33	SCD5	Immune-NK cells
2.47E-23	0.28594889	0.617	0.254	8.34E-19	33	MIR4458H	Immune-NK cells
3.45E-30	0.28573832	0.372	0.103	1.16E-25	33	DIAPH1	Immune-NK cells
4.40E-20	0.28501338	0.421	0.156	1.48E-15	33	RAB11B	Immune-NK cells
2.33E-23	0.2840162	0.53	0.205	7.85E-19	33	UQCRC1	Immune-NK cells
2.49E-36	0.28399506	0.41	0.107	8.38E-32	33	PLPP5	Immune-NK cells
1.38E-20	0.28332789	0.514	0.211	4.66E-16	33	YPEL5	Immune-NK cells
3.34E-27	0.28331878	0.481	0.161	1.12E-22	33	MAP1LC3A	Immune-NK cells
7.29E-18	0.2827705	0.519	0.218	2.45E-13	33	RBPMS	Immune-NK cells
4.33E-13	0.28266478	0.656	0.355	1.46E-08	33	VAMP8	Immune-NK cells
1.14E-14	0.28252534	0.65	0.324	3.83E-10	33	GLS	Immune-NK cells
9.89E-20	0.28205568	0.661	0.301	3.33E-15	33	RAB11A	Immune-NK cells
1.01E-20	0.28113072	0.557	0.23	3.41E-16	33	EIF1B	Immune-NK cells
8.15E-29	0.28095326	0.475	0.155	2.75E-24	33	EEF1E1	Immune-NK cells
1.47E-27	0.28028451	0.552	0.195	4.95E-23	33	NDUFV1	Immune-NK cells
1.81E-16	0.27966967	0.727	0.368	6.08E-12	33	CNN3	Immune-NK cells
9.01E-16	0.27945801	0.585	0.284	3.04E-11	33	AURKAIP1	Immune-NK cells
7.70E-27	0.27935263	0.454	0.148	2.59E-22	33	PRKAA2	Immune-NK cells
1.04E-17	0.27902834	0.59	0.262	3.49E-13	33	SRSF9	Immune-NK cells
6.82E-17	0.27902079	0.497	0.215	2.30E-12	33	LMAN1	Immune-NK cells
8.13E-18	0.2787645	0.721	0.344	2.74E-13	33	YBX3	Immune-NK cells
2.64E-14	0.27861483	0.699	0.374	8.90E-10	33	PTGES3	Immune-NK cells
5.60E-23	0.27801377	0.251	0.066	1.89E-18	33	ISOC1	Immune-NK cells
1.31E-13	0.27713589	0.732	0.398	4.42E-09	33	HNRNPDL	Immune-NK cells
6.95E-17	0.27708658	0.77	0.395	2.34E-12	33	DAZAP2	Immune-NK cells
1.12E-26	0.27672386	0.393	0.121	3.77E-22	33	PPP1R14B	Immune-NK cells
2.44E-47	0.27577119	0.29	0.05	8.23E-43	33	PTP4A3	Immune-NK cells

2.68E-15	0.27524634	0.508	0.235	9.03E-11	33	HNRNPA0	Immune-NK cells
1.23E-11	0.27522149	0.902	0.665	4.15E-07	33	UQCRB	Immune-NK cells
8.98E-21	0.27489988	0.464	0.172	3.03E-16	33	HNRNPH2	Immune-NK cells
5.45E-43	0.27434851	0.311	0.06	1.84E-38	33	11-445F1	Immune-NK cells
3.16E-12	0.27431515	0.672	0.38	1.06E-07	33	NDUFB11	Immune-NK cells
1.10E-18	0.27400754	0.634	0.287	3.70E-14	33	ACADVL	Immune-NK cells
1.55E-20	0.27387111	0.372	0.127	5.22E-16	33	LIMS1	Immune-NK cells
1.22E-20	0.27386987	0.574	0.241	4.10E-16	33	TMEM14B	Immune-NK cells
2.45E-16	0.27343083	0.579	0.262	8.26E-12	33	SF1	Immune-NK cells
1.16E-32	0.27300275	0.393	0.105	3.92E-28	33	NUPR2	Immune-NK cells
1.00E-21	0.27295876	0.443	0.163	3.37E-17	33	SPTSSA	Immune-NK cells
1.20E-13	0.27293308	0.956	0.792	4.03E-09	33	COX7C	Immune-NK cells
1.23E-39	0.2727757	0.355	0.079	4.14E-35	33	ABCC5	Immune-NK cells
9.55E-19	0.27246239	0.383	0.14	3.22E-14	33	USP22	Immune-NK cells
3.25E-19	0.27238316	0.519	0.213	1.09E-14	33	PAX8	Immune-NK cells
8.15E-52	0.27214755	0.383	0.074	2.74E-47	33	PPP1R12B	Immune-NK cells
3.14E-38	0.27186111	0.437	0.116	1.06E-33	33	MRPS12	Immune-NK cells
3.79E-11	0.2714469	0.661	0.394	1.28E-06	33	PRDX5	Immune-NK cells
3.50E-17	0.2712354	0.508	0.219	1.18E-12	33	HNRNPF	Immune-NK cells
7.69E-67	0.27118265	0.322	0.046	2.59E-62	33	SPTBN2	Immune-NK cells
5.39E-29	0.27112128	0.415	0.125	1.81E-24	33	MTX2	Immune-NK cells
2.35E-23	0.2708548	0.443	0.157	7.92E-19	33	NAA20	Immune-NK cells
9.31E-21	0.27046432	0.557	0.229	3.14E-16	33	SNRNP70	Immune-NK cells
1.36E-19	0.27046383	0.251	0.072	4.58E-15	33	G6PC3	Immune-NK cells
2.29E-17	0.27043138	0.568	0.258	7.71E-13	33	MRPL51	Immune-NK cells
4.81E-17	0.27042094	0.628	0.3	1.62E-12	33	NDFIP1	Immune-NK cells
4.66E-23	0.27035228	0.317	0.094	1.57E-18	33	SQLE	Immune-NK cells
1.46E-22	0.27015901	0.383	0.127	4.92E-18	33	TSG101	Immune-NK cells
1.94E-20	0.27007408	0.656	0.281	6.53E-16	33	COBLL1	Immune-NK cells
2.20E-25	0.26941714	0.459	0.158	7.42E-21	33	BDH2	Immune-NK cells
6.06E-59	0.26878009	0.273	0.038	2.04E-54	33	MUC20	Immune-NK cells
1.36E-24	0.26796066	0.514	0.189	4.57E-20	33	GSTO1	Immune-NK cells
1.37E-10	0.26792972	0.699	0.437	4.63E-06	33	NDUFB9	Immune-NK cells
6.19E-23	0.26777103	0.415	0.145	2.08E-18	33	ECI1	Immune-NK cells
3.83E-14	0.26732037	0.689	0.372	1.29E-09	33	EIF3K	Immune-NK cells
7.72E-26	0.26624662	0.481	0.165	2.60E-21	33	GBAS	Immune-NK cells
1.39E-13	0.26547215	0.765	0.438	4.68E-09	33	ATP5J2	Immune-NK cells
1.23E-10	0.26538546	0.82	0.476	4.15E-06	33	APLP2	Immune-NK cells
4.39E-10	0.26536711	0.792	0.499	1.48E-05	33	MIF	Immune-NK cells
1.52E-26	0.26498245	0.404	0.126	5.10E-22	33	GOT1	Immune-NK cells
3.09E-27	0.26395315	0.448	0.146	1.04E-22	33	ZNF593	Immune-NK cells
1.96E-37	0.26383422	0.29	0.059	6.59E-33	33	DPY19L2	Immune-NK cells
2.40E-27	0.26338065	0.421	0.131	8.09E-23	33	SULT1C2	Immune-NK cells
4.73E-17	0.26310188	0.574	0.258	1.59E-12	33	MRPL41	Immune-NK cells
2.63E-27	0.26301525	0.301	0.077	8.87E-23	33	ALAS1	Immune-NK cells
1.21E-22	0.26297989	0.366	0.118	4.08E-18	33	NEU1	Immune-NK cells
8.33E-18	0.2629748	0.366	0.134	2.81E-13	33	COL6A1	Immune-NK cells
3.70E-21	0.26244918	0.448	0.166	1.25E-16	33	PSMA3	Immune-NK cells

8.71E-20	0.26159049	0.568	0.24	2.93E-15	33	OCIAD1	Immune-NK cells
1.92E-23	0.26154169	0.361	0.111	6.45E-19	33	MOB1B	Immune-NK cells
8.41E-10	0.2614279	0.814	0.549	2.83E-05	33	UQCRH	Immune-NK cells
1.36E-18	0.25995658	0.459	0.183	4.59E-14	33	MOB1A	Immune-NK cells
3.56E-25	0.25905496	0.475	0.168	1.20E-20	33	NDUFS3	Immune-NK cells
2.44E-26	0.25905394	0.383	0.116	8.21E-22	33	MRPL12	Immune-NK cells
1.58E-13	0.25865462	0.607	0.316	5.33E-09	33	CAMTA1	Immune-NK cells
3.20E-16	0.25839621	0.661	0.327	1.08E-11	33	HSPD1	Immune-NK cells
3.95E-18	0.25827056	0.454	0.178	1.33E-13	33	LMAN2	Immune-NK cells
2.28E-51	0.25822857	0.273	0.042	7.69E-47	33	SMARCD3	Immune-NK cells
9.70E-24	0.25792634	0.421	0.143	3.27E-19	33	FUNDC2	Immune-NK cells
3.84E-18	0.25762693	0.41	0.156	1.30E-13	33	SERTAD1	Immune-NK cells
1.68E-11	0.25762586	0.749	0.46	5.67E-07	33	HLA-C	Immune-NK cells
7.62E-17	0.2572557	0.508	0.221	2.57E-12	33	CITED2	Immune-NK cells
9.22E-23	0.25704297	0.372	0.119	3.11E-18	33	TMEM33	Immune-NK cells
6.60E-13	0.25703115	0.617	0.332	2.22E-08	33	NDUFB8	Immune-NK cells
6.59E-15	0.25637015	0.437	0.191	2.22E-10	33	GTF2A2	Immune-NK cells
4.88E-09	0.25626121	0.798	0.565	0.00016	33	HINT1	Immune-NK cells
5.26E-19	0.25608267	0.432	0.166	1.77E-14	33	CCT6A	Immune-NK cells
1.05E-28	0.25495826	0.355	0.098	3.55E-24	33	INSIG1	Immune-NK cells
1.08E-28	0.25428069	0.393	0.114	3.64E-24	33	IDH3G	Immune-NK cells
3.58E-10	0.25424473	0.902	0.615	1.21E-05	33	NDUFA1	Immune-NK cells
1.28E-19	0.25398243	0.448	0.172	4.31E-15	33	GNB2	Immune-NK cells
8.25E-13	0.25348219	0.65	0.344	2.78E-08	33	NDUFS6	Immune-NK cells
1.48E-37	0.25307489	0.361	0.085	4.98E-33	33	ITPA	Immune-NK cells
3.26E-22	0.25294083	0.503	0.187	1.10E-17	33	CSNK2B	Immune-NK cells
9.22E-12	0.25263036	0.689	0.403	3.11E-07	33	HSPA8	Immune-NK cells
4.09E-20	0.25253005	0.508	0.202	1.38E-15	33	TMED9	Immune-NK cells
1.01E-26	0.25232889	0.344	0.098	3.39E-22	33	EFNA1	Immune-NK cells
2.13E-19	0.25232505	0.497	0.204	7.18E-15	33	MDH1	Immune-NK cells
3.31E-14	0.25225502	0.519	0.242	1.11E-09	33	AHCYL1	Immune-NK cells
3.05E-10	0.25164574	0.88	0.619	1.03E-05	33	COX6B1	Immune-NK cells
1.23E-19	0.25150048	0.557	0.234	4.14E-15	33	MRFAP1	Immune-NK cells
4.70E-20	0.25145299	0.541	0.222	1.58E-15	33	CAPG	Immune-NK cells
4.02E-31	0.25142611	0.443	0.132	1.36E-26	33	NAPA	Immune-NK cells
8.68E-25	0.2512873	0.399	0.128	2.92E-20	33	MRPS35	Immune-NK cells
1.72E-49	0.25104352	0.328	0.059	5.81E-45	33	DUSP15	Immune-NK cells
2.88E-22	0.25039593	0.322	0.098	9.70E-18	33	STIM2	Immune-NK cells
1.29E-286	2.1774801	0.949	0.12	##########	34	CXCL2	Immune-B cells
6.65E-144	2.06674196	0.972	0.309	##########	34	HSPA5	Immune-B cells
0	1.97945727	0.847	0.05	0	34	CXCL3	Immune-B cells
2.82E-143	1.75602488	0.921	0.241	##########	34	PPP1R15A	Immune-B cells
0	1.57377175	0.672	0.027	0	34	TC-425F1.	Immune-B cells
5.65E-154	1.38033791	0.831	0.155	##########	34	IRF1	Immune-B cells
9.99E-229	1.34368502	0.61	0.054	##########	34	CXCL1	Immune-B cells
1.21E-184	1.30617323	0.407	0.029	##########	34	CXCL8	Immune-B cells
1.36E-87	1.29317089	0.847	0.237	4.59E-83	34	FXYD4	Immune-B cells
1.29E-88	1.2456131	0.893	0.31	4.35E-84	34	NFKBIA	Immune-B cells

1.41E-181	1.24118178	0.684	0.084	#########	34	MTRNR2L1	Immune-B cells
1.38E-149	1.24066951	0.701	0.108	#########	34	MAFF	Immune-B cells
3.29E-153	1.23288888	0.644	0.089	#########	34	PMAIP1	Immune-B cells
2.71E-83	1.2103628	0.893	0.333	9.12E-79	34	DNAJA1	Immune-B cells
9.11E-108	1.1991862	0.802	0.188	#########	34	B4GALT1	Immune-B cells
1.58E-78	1.16070947	0.859	0.304	5.32E-74	34	HERPUD1	Immune-B cells
3.99E-80	1.13872721	0.87	0.281	1.35E-75	34	GDF15	Immune-B cells
8.73E-70	1.10588489	0.853	0.312	2.94E-65	34	BTG2	Immune-B cells
2.01E-87	1.10306619	0.842	0.246	6.77E-83	34	CLDN4	Immune-B cells
1.18E-139	1.08934138	0.633	0.091	#########	34	P1-313I6.1	Immune-B cells
4.97E-58	1.08037412	0.791	0.291	1.68E-53	34	MMP7	Immune-B cells
1.66E-85	1.05550973	0.638	0.135	5.59E-81	34	HSPA6	Immune-B cells
1.29E-95	1.04937488	0.559	0.1	4.36E-91	34	ZFAND2A	Immune-B cells
3.53E-65	1.04696427	0.898	0.395	1.19E-60	34	CALR	Immune-B cells
2.93E-71	1.04067524	0.96	0.433	9.86E-67	34	IER2	Immune-B cells
7.36E-72	1.0347944	0.972	0.463	2.48E-67	34	JUNB	Immune-B cells
1.73E-115	1.01897668	0.898	0.19	#########	34	AQP2	Immune-B cells
1.75E-64	0.97231038	0.881	0.345	5.88E-60	34	EPCAM	Immune-B cells
6.32E-69	0.94611898	0.729	0.212	2.13E-64	34	GSTM3	Immune-B cells
1.56E-61	0.93438071	0.661	0.19	5.26E-57	34	DNAJB4	Immune-B cells
7.63E-142	0.93032527	0.537	0.066	#########	34	NUAK2	Immune-B cells
1.00E-63	0.92756905	0.876	0.314	3.37E-59	34	ELF3	Immune-B cells
4.44E-73	0.92034336	0.734	0.207	1.49E-68	34	EIF5A	Immune-B cells
3.86E-67	0.91553969	0.853	0.273	1.30E-62	34	KRT19	Immune-B cells
1.96E-48	0.91029415	0.825	0.335	6.61E-44	34	KRT18	Immune-B cells
4.80E-51	0.90076094	0.74	0.27	1.62E-46	34	KRT8	Immune-B cells
2.08E-56	0.88579594	0.825	0.323	7.01E-52	34	SOD2	Immune-B cells
1.79E-56	0.88418579	0.915	0.378	6.04E-52	34	GADD45B	Immune-B cells
1.04E-54	0.88049681	0.977	0.569	3.49E-50	34	HSP90AB1	Immune-B cells
5.01E-67	0.87491736	0.91	0.314	1.69E-62	34	ATF3	Immune-B cells
1.18E-68	0.86517787	0.678	0.18	3.97E-64	34	DDIT3	Immune-B cells
1.49E-53	0.85748061	0.966	0.656	5.02E-49	34	H3F3B	Immune-B cells
8.91E-93	0.85159125	0.497	0.08	3.00E-88	34	ARG2	Immune-B cells
6.98E-64	0.84914709	0.588	0.152	2.35E-59	34	MRPL18	Immune-B cells
5.10E-51	0.84430767	0.684	0.221	1.72E-46	34	SOCS3	Immune-B cells
6.89E-21	0.83944317	0.379	0.136	2.32E-16	34	SLC8A1	Immune-B cells
1.41E-76	0.83674002	0.525	0.102	4.74E-72	34	PAQR7	Immune-B cells
2.69E-64	0.83614591	0.65	0.168	9.05E-60	34	ID3	Immune-B cells
9.19E-30	0.83267911	0.412	0.129	3.10E-25	34	RNF152	Immune-B cells
1.10E-69	0.82569269	0.559	0.125	3.70E-65	34	BAG3	Immune-B cells
1.05E-49	0.82233257	0.983	0.625	3.54E-45	34	UBB	Immune-B cells
2.95E-51	0.81376449	0.667	0.223	9.95E-47	34	MAP1LC3B	Immune-B cells
3.86E-59	0.81030702	0.763	0.234	1.30E-54	34	HSD11B2	Immune-B cells
1.43E-108	0.80583378	0.469	0.063	#########	34	ARL5B	Immune-B cells
3.83E-49	0.80339981	0.729	0.252	1.29E-44	34	SCIN	Immune-B cells
6.11E-56	0.80267209	0.638	0.183	2.06E-51	34	CYR61	Immune-B cells
3.53E-54	0.80227374	0.525	0.138	1.19E-49	34	DNAJB11	Immune-B cells
3.37E-57	0.79472406	0.633	0.181	1.13E-52	34	CTSH	Immune-B cells

5.27E-49	0.79278788	0.638	0.207	1.78E-44	34	PTBP3	Immune-B cells
1.85E-54	0.79209209	0.949	0.432	6.23E-50	34	DNAJB1	Immune-B cells
2.87E-76	0.78890401	0.446	0.076	9.68E-72	34	ALAS1	Immune-B cells
5.67E-272	0.78710918	0.424	0.022	#########	34	ZNF165	Immune-B cells
1.36E-106	0.77589544	0.78	0.15	#########	34	STC1	Immune-B cells
1.61E-227	0.76839998	0.373	0.02	#########	34	TNF	Immune-B cells
2.69E-48	0.7663825	0.983	0.601	9.05E-44	34	JUN	Immune-B cells
4.35E-47	0.76013434	0.514	0.146	1.47E-42	34	HN1	Immune-B cells
5.94E-45	0.75516283	0.864	0.403	2.00E-40	34	HSPA8	Immune-B cells
4.27E-80	0.75430366	0.588	0.118	1.44E-75	34	CCL2	Immune-B cells
6.71E-35	0.75361003	0.864	0.453	2.26E-30	34	MTRNR2L1	Immune-B cells
1.55E-44	0.75247044	0.734	0.279	5.23E-40	34	LMNA	Immune-B cells
4.48E-39	0.74987299	0.74	0.323	1.51E-34	34	PNRC1	Immune-B cells
2.20E-53	0.73943573	0.525	0.138	7.43E-49	34	SDF2L1	Immune-B cells
3.96E-35	0.73728081	0.492	0.148	1.34E-30	34	CALB1	Immune-B cells
2.48E-36	0.73601825	0.729	0.327	8.35E-32	34	HSPD1	Immune-B cells
3.33E-51	0.73550756	0.712	0.234	1.12E-46	34	AMFR	Immune-B cells
1.63E-34	0.73411156	0.842	0.452	5.49E-30	34	HSP90B1	Immune-B cells
4.78E-46	0.7334419	0.486	0.131	1.61E-41	34	MARCKSL1	Immune-B cells
1.42E-93	0.72464228	0.435	0.06	4.78E-89	34	PTGER1	Immune-B cells
4.60E-63	0.72258293	0.565	0.131	1.55E-58	34	PFKFB3	Immune-B cells
1.58E-62	0.71650706	0.565	0.135	5.31E-58	34	ARL4D	Immune-B cells
4.13E-51	0.71325011	0.655	0.198	1.39E-46	34	TPM4	Immune-B cells
1.23E-23	0.71178668	0.78	0.413	4.14E-19	34	CRYAB	Immune-B cells
1.69E-58	0.70260242	0.497	0.11	5.69E-54	34	SMIM5	Immune-B cells
1.95E-39	0.7009275	0.672	0.262	6.56E-35	34	DNAJB6	Immune-B cells
1.44E-36	0.69773998	0.825	0.393	4.84E-32	34	RPS10	Immune-B cells
9.87E-45	0.69717681	0.785	0.301	3.33E-40	34	HSPH1	Immune-B cells
1.41E-41	0.69658251	0.644	0.229	4.76E-37	34	TUBB4B	Immune-B cells
4.21E-44	0.68946254	0.983	0.706	1.42E-39	34	IGFBP7	Immune-B cells
4.04E-60	0.686632	0.508	0.114	1.36E-55	34	RDH10	Immune-B cells
3.60E-35	0.68428374	0.955	0.575	1.21E-30	34	UBC	Immune-B cells
2.06E-54	0.68232234	0.446	0.098	6.95E-50	34	CADPS2	Immune-B cells
5.39E-45	0.67877647	0.638	0.201	1.82E-40	34	RPS4Y1	Immune-B cells
5.49E-46	0.67677894	1	0.808	1.85E-41	34	TMSB4X	Immune-B cells
3.58E-95	0.67484931	0.35	0.041	1.20E-90	34	ICAM1	Immune-B cells
8.85E-79	0.66591381	0.39	0.058	2.98E-74	34	MNS1	Immune-B cells
1.37E-39	0.66493029	0.678	0.249	4.61E-35	34	TOB1	Immune-B cells
7.52E-58	0.66459539	0.672	0.177	2.53E-53	34	AQP3	Immune-B cells
6.19E-41	0.66446863	0.78	0.318	2.08E-36	34	SQSTM1	Immune-B cells
9.62E-43	0.66398777	0.859	0.367	3.24E-38	34	CHCHD10	Immune-B cells
4.20E-33	0.6618556	0.768	0.334	1.41E-28	34	CCNL1	Immune-B cells
9.47E-46	0.65998278	0.537	0.152	3.19E-41	34	FOLR1	Immune-B cells
7.89E-53	0.65801442	0.74	0.231	2.66E-48	34	CA2	Immune-B cells
1.77E-30	0.65727243	0.418	0.134	5.96E-26	34	AKR1B1	Immune-B cells
5.89E-48	0.64637306	0.548	0.15	1.98E-43	34	ADAMTS1	Immune-B cells
1.85E-66	0.64142307	0.401	0.068	6.25E-62	34	PHKG1	Immune-B cells
1.84E-35	0.63451535	0.576	0.197	6.19E-31	34	KLF10	Immune-B cells

4.48E-44	0.63084088	0.401	0.093	1.51E-39	34	PHLDA2	Immune-B cells
1.53E-37	0.62568399	0.972	0.608	5.15E-33	34	HSPA1A	Immune-B cells
8.76E-37	0.62430244	0.898	0.425	2.95E-32	34	FOSB	Immune-B cells
1.14E-43	0.62365415	0.429	0.109	3.83E-39	34	SCCPDH	Immune-B cells
5.71E-79	0.61857288	0.373	0.052	1.92E-74	34	GATA2	Immune-B cells
3.21E-74	0.61716646	0.412	0.064	1.08E-69	34	SCNN1G	Immune-B cells
1.29E-32	0.61418548	0.571	0.215	4.35E-28	34	SNRPN	Immune-B cells
1.43E-48	0.61403169	0.559	0.156	4.81E-44	34	SERTAD1	Immune-B cells
7.36E-35	0.61307372	0.706	0.273	2.48E-30	34	PIGR	Immune-B cells
6.12E-68	0.61198154	0.463	0.089	2.06E-63	34	HSPA4	Immune-B cells
2.17E-43	0.61036613	0.667	0.223	7.32E-39	34	CLDN7	Immune-B cells
2.84E-26	0.60729107	0.819	0.449	9.57E-22	34	SLC25A6	Immune-B cells
2.63E-55	0.60705591	0.565	0.14	8.87E-51	34	SMIM22	Immune-B cells
3.85E-32	0.60678819	0.531	0.194	1.30E-27	34	BAG1	Immune-B cells
8.09E-32	0.6038782	0.938	0.557	2.73E-27	34	GAPDH	Immune-B cells
6.10E-37	0.60218138	0.48	0.149	2.05E-32	34	CACYBP	Immune-B cells
6.50E-71	0.60185622	0.384	0.061	2.19E-66	34	ZC3H12A	Immune-B cells
4.80E-38	0.60063344	0.565	0.19	1.62E-33	34	TMED4	Immune-B cells
1.13E-36	0.59563459	0.407	0.112	3.80E-32	34	IDI1	Immune-B cells
3.22E-45	0.59424788	0.435	0.106	1.08E-40	34	ZC3HAV1	Immune-B cells
1.02E-31	0.59128531	0.429	0.13	3.43E-27	34	RRAD	Immune-B cells
8.28E-30	0.58972543	0.655	0.267	2.79E-25	34	TSPAN1	Immune-B cells
4.21E-34	0.5849021	0.74	0.305	1.42E-29	34	BCAM	Immune-B cells
5.83E-32	0.58356507	0.842	0.431	1.96E-27	34	SET	Immune-B cells
4.98E-45	0.5831529	0.52	0.137	1.68E-40	34	GATA3	Immune-B cells
1.07E-28	0.58298616	0.859	0.438	3.62E-24	34	ZFP36	Immune-B cells
1.14E-33	0.58114364	0.633	0.235	3.83E-29	34	ITM2C	Immune-B cells
4.64E-38	0.57857081	0.994	0.677	1.56E-33	34	FOS	Immune-B cells
2.47E-51	0.57852295	0.328	0.059	8.32E-47	34	ANKRD37	Immune-B cells
2.09E-28	0.57813405	0.797	0.397	7.06E-24	34	ENO1	Immune-B cells
1.14E-30	0.5725292	0.972	0.673	3.83E-26	34	EIF1	Immune-B cells
7.80E-34	0.57105887	0.989	0.645	2.63E-29	34	HSPA1B	Immune-B cells
3.52E-37	0.57091599	0.52	0.164	1.18E-32	34	PTGR1	Immune-B cells
4.03E-35	0.57024127	0.605	0.219	1.36E-30	34	XBP1	Immune-B cells
2.70E-68	0.56806641	0.367	0.057	9.10E-64	34	LPCAT2	Immune-B cells
2.39E-40	0.56426385	0.475	0.134	8.06E-36	34	SKIL	Immune-B cells
4.78E-34	0.56300265	0.751	0.308	1.61E-29	34	TRA2A	Immune-B cells
2.68E-32	0.55558936	0.644	0.251	9.04E-28	34	LITAF	Immune-B cells
4.44E-24	0.55520325	0.802	0.439	1.50E-19	34	NPM1	Immune-B cells
3.07E-38	0.55217646	0.463	0.134	1.03E-33	34	TOR1AIP2	Immune-B cells
1.08E-31	0.54969187	0.605	0.235	3.62E-27	34	HNRNPA0	Immune-B cells
4.28E-32	0.54883728	0.689	0.285	1.44E-27	34	C090498.	Immune-B cells
2.06E-45	0.54567538	0.446	0.109	6.95E-41	34	ABCB1	Immune-B cells
2.90E-36	0.54485139	0.441	0.13	9.78E-32	34	SERINC2	Immune-B cells
1.19E-33	0.5448461	0.994	0.757	4.01E-29	34	RPL3	Immune-B cells
6.46E-28	0.54039839	0.661	0.277	2.18E-23	34	TUBA1B	Immune-B cells
1.44E-38	0.54008518	0.452	0.128	4.84E-34	34	MANF	Immune-B cells
1.63E-42	0.53848548	0.605	0.19	5.48E-38	34	NAMPT	Immune-B cells

2.74E-35	0.53844021	0.435	0.124	9.22E-31	34	LRRC16A	Immune-B cells
2.08E-27	0.53770888	0.559	0.208	6.99E-23	34	KRT7	Immune-B cells
2.56E-53	0.53763781	0.418	0.086	8.63E-49	34	AFMID	Immune-B cells
5.18E-26	0.5369828	0.881	0.486	1.75E-21	34	HSPE1	Immune-B cells
6.73E-26	0.53639442	0.367	0.118	2.27E-21	34	NEU1	Immune-B cells
1.01E-26	0.53521283	0.757	0.367	3.42E-22	34	CYCS	Immune-B cells
8.16E-44	0.53503339	0.367	0.081	2.75E-39	34	SLC25A25	Immune-B cells
6.31E-56	0.53083327	0.458	0.098	2.12E-51	34	CAPS	Immune-B cells
1.76E-28	0.53058126	0.678	0.295	5.93E-24	34	PDIA3	Immune-B cells
1.02E-26	0.52998764	0.96	0.667	3.42E-22	34	HSPB1	Immune-B cells
3.52E-23	0.52907691	0.853	0.499	1.18E-18	34	MIF	Immune-B cells
4.45E-28	0.52796553	0.791	0.381	1.50E-23	34	ALDOA	Immune-B cells
1.14E-31	0.52788725	0.74	0.3	3.85E-27	34	TACSTD2	Immune-B cells
1.88E-27	0.52686162	0.469	0.166	6.33E-23	34	DCDC2	Immune-B cells
1.12E-30	0.52658205	0.537	0.194	3.76E-26	34	NCOA7	Immune-B cells
4.03E-23	0.52640862	0.859	0.496	1.36E-18	34	HNRNPA1	Immune-B cells
1.69E-32	0.52341291	0.994	0.747	5.69E-28	34	RPL7	Immune-B cells
8.80E-23	0.52329713	0.763	0.407	2.97E-18	34	CYSTM1	Immune-B cells
3.13E-38	0.52226807	0.435	0.118	1.05E-33	34	PNP	Immune-B cells
4.29E-89	0.52133326	0.288	0.029	1.45E-84	34	LRRC75A	Immune-B cells
8.04E-28	0.51748867	0.65	0.277	2.71E-23	34	AIF1L	Immune-B cells
7.56E-51	0.51236619	0.367	0.073	2.55E-46	34	FAM3B	Immune-B cells
3.72E-24	0.51120887	0.898	0.541	1.25E-19	34	NRNPA2B	Immune-B cells
1.81E-42	0.50967461	0.983	0.539	6.10E-38	34	WFDC2	Immune-B cells
3.58E-35	0.50878679	0.446	0.132	1.21E-30	34	SLC3A2	Immune-B cells
2.01E-48	0.50871853	0.429	0.098	6.77E-44	34	CSRNP1	Immune-B cells
6.39E-24	0.50762868	0.537	0.222	2.15E-19	34	CAPG	Immune-B cells
2.44E-24	0.50425122	0.548	0.23	8.23E-20	34	C9orf16	Immune-B cells
2.20E-36	0.50377167	0.418	0.112	7.40E-32	34	ADM	Immune-B cells
2.10E-32	0.50375631	0.486	0.158	7.07E-28	34	TCP1	Immune-B cells
3.72E-26	0.5035364	0.497	0.19	1.25E-21	34	CDK2AP2	Immune-B cells
1.08E-26	0.50212884	0.684	0.301	3.63E-22	34	ID2	Immune-B cells
4.33E-29	0.50148991	0.554	0.211	1.46E-24	34	YPEL5	Immune-B cells
6.69E-25	0.5010871	0.944	0.67	2.25E-20	34	RPS9	Immune-B cells
1.59E-27	0.49886033	0.927	0.526	5.36E-23	34	EGR1	Immune-B cells
2.93E-44	0.49776623	0.26	0.044	9.87E-40	34	HOXD1	Immune-B cells
9.33E-23	0.49769993	0.932	0.615	3.14E-18	34	RPL5	Immune-B cells
1.24E-17	0.49294956	0.915	0.561	4.18E-13	34	CD9	Immune-B cells
4.50E-19	0.4922006	0.831	0.484	1.52E-14	34	RPSA	Immune-B cells
2.07E-23	0.4909386	0.723	0.355	6.99E-19	34	ATP5B	Immune-B cells
1.03E-20	0.48927181	0.78	0.41	3.46E-16	34	CYB5A	Immune-B cells
4.58E-64	0.48689079	0.254	0.031	1.54E-59	34	PRSS22	Immune-B cells
7.33E-28	0.48341337	0.39	0.12	2.47E-23	34	HMGCS1	Immune-B cells
1.79E-24	0.48224764	0.638	0.283	6.05E-20	34	ASAH1	Immune-B cells
7.34E-27	0.47999809	0.757	0.34	2.47E-22	34	SDC4	Immune-B cells
2.29E-27	0.47994	0.503	0.182	7.72E-23	34	STAT1	Immune-B cells
9.08E-41	0.47867358	0.407	0.102	3.06E-36	34	AHSA1	Immune-B cells
2.69E-47	0.47699413	0.333	0.065	9.07E-43	34	CD82	Immune-B cells

1.59E-40	0.47578872	0.345	0.076	5.35E-36	34	TUBA4A	Immune-B cells
1.97E-37	0.47390935	0.328	0.074	6.63E-33	34	SOCS1	Immune-B cells
2.52E-35	0.47185416	0.367	0.092	8.50E-31	34	LINC01503	Immune-B cells
7.59E-37	0.47110891	0.52	0.16	2.56E-32	34	CREM	Immune-B cells
5.16E-44	0.47054843	0.299	0.057	1.74E-39	34	EHF	Immune-B cells
1.42E-27	0.46875432	0.486	0.174	4.80E-23	34	FAM213A	Immune-B cells
9.75E-23	0.46860535	0.356	0.119	3.29E-18	34	TAX1BP3	Immune-B cells
8.21E-23	0.4682051	0.621	0.286	2.77E-18	34	H2AFZ	Immune-B cells
8.05E-26	0.46680156	0.418	0.143	2.71E-21	34	TOMM22	Immune-B cells
1.97E-30	0.46667022	0.514	0.176	6.64E-26	34	KLF4	Immune-B cells
5.32E-19	0.46643161	0.655	0.337	1.79E-14	34	SLC25A5	Immune-B cells
2.64E-20	0.46627408	0.475	0.195	8.91E-16	34	IFRD1	Immune-B cells
3.13E-22	0.45888483	0.74	0.365	1.05E-17	34	SPINT2	Immune-B cells
8.37E-23	0.45409117	0.989	0.78	2.82E-18	34	HSP90AA1	Immune-B cells
1.02E-33	0.45350233	0.294	0.066	3.45E-29	34	CKS2	Immune-B cells
3.46E-22	0.45246257	0.395	0.143	1.17E-17	34	HDLBP	Immune-B cells
5.94E-27	0.45246181	0.452	0.154	2.00E-22	34	SUMF2	Immune-B cells
3.06E-25	0.45211234	0.831	0.416	1.03E-20	34	PPP1CB	Immune-B cells
9.91E-29	0.45145242	0.384	0.117	3.34E-24	34	NASP	Immune-B cells
6.18E-31	0.45126981	0.401	0.12	2.08E-26	34	FKBP4	Immune-B cells
7.59E-23	0.44797347	0.605	0.267	2.56E-18	34	EIF5	Immune-B cells
1.09E-35	0.44756267	0.339	0.081	3.67E-31	34	EYA3	Immune-B cells
2.33E-19	0.4470575	0.751	0.404	7.84E-15	34	TSC22D1	Immune-B cells
5.87E-22	0.44607421	0.39	0.137	1.98E-17	34	SERPINH1	Immune-B cells
3.09E-41	0.44581458	0.407	0.098	1.04E-36	34	KITLG	Immune-B cells
3.70E-34	0.44563864	0.458	0.136	1.25E-29	34	IGFBP2	Immune-B cells
1.32E-33	0.44533396	0.362	0.094	4.43E-29	34	KLF5	Immune-B cells
5.01E-41	0.44486352	0.333	0.071	1.69E-36	34	QPRT	Immune-B cells
1.08E-29	0.44458485	0.367	0.105	3.63E-25	34	CHORDC1	Immune-B cells
5.41E-21	0.44296645	0.729	0.375	1.82E-16	34	PKM	Immune-B cells
3.18E-36	0.44209628	0.944	0.505	1.07E-31	34	CLU	Immune-B cells
2.81E-21	0.43712368	0.712	0.334	9.47E-17	34	MAL	Immune-B cells
7.98E-33	0.43636872	0.322	0.08	2.69E-28	34	ARMCX2	Immune-B cells
1.83E-25	0.43633721	0.395	0.13	6.16E-21	34	DNAJB9	Immune-B cells
4.07E-21	0.43518933	0.763	0.397	1.37E-16	34	NPC2	Immune-B cells
4.67E-24	0.43220634	0.441	0.161	1.57E-19	34	PDHA1	Immune-B cells
4.78E-23	0.4304141	0.605	0.266	1.61E-18	34	PPIB	Immune-B cells
2.72E-23	0.42873185	0.537	0.22	9.15E-19	34	TSPYL1	Immune-B cells
6.43E-22	0.42785277	0.418	0.151	2.17E-17	34	WEE1	Immune-B cells
9.32E-21	0.42629008	0.684	0.335	3.14E-16	34	HNRNPU	Immune-B cells
1.16E-23	0.425215	0.441	0.159	3.92E-19	34	PARD6B	Immune-B cells
5.77E-24	0.42326555	0.39	0.132	1.95E-19	34	CPVL	Immune-B cells
7.70E-19	0.42239726	0.367	0.137	2.60E-14	34	HEXIM1	Immune-B cells
7.51E-25	0.42193129	0.294	0.082	2.53E-20	34	MLF1	Immune-B cells
6.63E-27	0.42193087	0.322	0.091	2.24E-22	34	GIPC1	Immune-B cells
7.85E-18	0.41899819	0.915	0.574	2.64E-13	34	GSTP1	Immune-B cells
2.44E-26	0.41724721	0.446	0.154	8.22E-22	34	RBBP8	Immune-B cells
1.78E-23	0.41654639	0.379	0.13	6.01E-19	34	ARF5	Immune-B cells

2.65E-17	0.41618733	0.944	0.633	8.93E-13	34	MYL6	Immune-B cells
5.80E-34	0.41540054	0.395	0.106	1.95E-29	34	DNAJA4	Immune-B cells
5.45E-29	0.41486985	0.384	0.113	1.83E-24	34	MYADM	Immune-B cells
7.47E-27	0.4146379	0.35	0.104	2.52E-22	34	EIF4A3	Immune-B cells
5.57E-17	0.41458298	0.61	0.315	1.88E-12	34	PARK7	Immune-B cells
2.18E-19	0.41418788	0.718	0.357	7.35E-15	34	CEBPD	Immune-B cells
6.54E-42	0.41051653	0.435	0.107	2.20E-37	34	RGS2	Immune-B cells
1.37E-21	0.41047138	0.39	0.142	4.63E-17	34	PPFIBP1	Immune-B cells
1.73E-18	0.41021622	0.503	0.221	5.84E-14	34	CITED2	Immune-B cells
4.62E-34	0.41016682	0.435	0.122	1.56E-29	34	ST6GAL1	Immune-B cells
1.41E-21	0.40958086	0.305	0.095	4.75E-17	34	HIST1H1C	Immune-B cells
1.70E-16	0.40851357	0.893	0.596	5.72E-12	34	PPDPF	Immune-B cells
2.72E-16	0.40827703	0.768	0.43	9.17E-12	34	TPI1	Immune-B cells
2.38E-20	0.40796913	0.977	0.67	8.03E-16	34	RPS2	Immune-B cells
2.00E-20	0.40779584	0.633	0.294	6.73E-16	34	ATP6AP2	Immune-B cells
3.06E-39	0.40755905	0.328	0.071	1.03E-34	34	SLC16A3	Immune-B cells
1.61E-23	0.4071779	0.571	0.237	5.44E-19	34	MYO6	Immune-B cells
1.28E-18	0.40691284	0.525	0.233	4.33E-14	34	STMN1	Immune-B cells
3.47E-44	0.40605303	0.254	0.042	1.17E-39	34	TBC1D7	Immune-B cells
1.23E-20	0.40509809	0.503	0.213	4.15E-16	34	ARF1	Immune-B cells
2.40E-17	0.40413836	0.718	0.394	8.07E-13	34	PRDX5	Immune-B cells
6.32E-20	0.40356651	0.497	0.207	2.13E-15	34	MAL2	Immune-B cells
7.64E-54	0.40339004	0.26	0.037	2.57E-49	34	MAP3K8	Immune-B cells
1.05E-28	0.40225136	0.294	0.074	3.55E-24	34	UBE2S	Immune-B cells
1.89E-18	0.40113508	0.65	0.325	6.36E-14	34	SELK	Immune-B cells
3.83E-22	0.40081201	0.559	0.237	1.29E-17	34	HIGD1A	Immune-B cells
7.93E-23	0.400438	0.48	0.176	2.67E-18	34	TMEM213	Immune-B cells
4.54E-20	0.40025281	0.571	0.253	1.53E-15	34	WTAP	Immune-B cells
8.46E-18	0.39934872	0.955	0.599	2.85E-13	34	RPL7A	Immune-B cells
3.57E-28	0.39839553	0.373	0.11	1.20E-23	34	DCUN1D1	Immune-B cells
2.85E-17	0.39723931	0.808	0.445	9.59E-13	34	PRDX1	Immune-B cells
2.66E-28	0.39649977	0.446	0.145	8.95E-24	34	BTG3	Immune-B cells
7.54E-56	0.3947537	0.266	0.037	2.54E-51	34	11-670E1	Immune-B cells
2.17E-51	0.39457361	0.288	0.047	7.32E-47	34	H2AFX	Immune-B cells
2.05E-20	0.3944559	0.395	0.149	6.91E-16	34	GPRC5C	Immune-B cells
5.17E-17	0.3942786	0.299	0.106	1.74E-12	34	HOXB6	Immune-B cells
7.20E-23	0.39236362	0.503	0.191	2.43E-18	34	ID1	Immune-B cells
1.68E-14	0.39219681	0.808	0.519	5.65E-10	34	DYNLL1	Immune-B cells
1.38E-18	0.39192018	0.605	0.29	4.63E-14	34	ARPC3	Immune-B cells
3.22E-18	0.3915369	0.972	0.713	1.08E-13	34	RPL15	Immune-B cells
2.65E-22	0.39077514	0.373	0.127	8.94E-18	34	MKNK2	Immune-B cells
2.10E-20	0.3907516	0.463	0.185	7.07E-16	34	PLSCR1	Immune-B cells
6.35E-25	0.39071	0.384	0.125	2.14E-20	34	TUBA1C	Immune-B cells
7.12E-28	0.39062352	0.339	0.095	2.40E-23	34	MYH10	Immune-B cells
8.26E-23	0.39018017	0.644	0.281	2.78E-18	34	COBLL1	Immune-B cells
2.41E-19	0.39016611	0.661	0.313	8.11E-15	34	NFKBIZ	Immune-B cells
3.26E-23	0.38864595	0.288	0.082	1.10E-18	34	PFKP	Immune-B cells
5.01E-33	0.38849562	0.35	0.09	1.69E-28	34	BCL10	Immune-B cells

1.18E-18	0.38844545	0.96	0.648	3.98E-14	34	CD24	Immune-B cells
2.82E-22	0.38827942	0.435	0.163	9.51E-18	34	GINM1	Immune-B cells
8.00E-21	0.38815084	0.446	0.171	2.69E-16	34	SLC38A1	Immune-B cells
4.60E-56	0.38536345	0.266	0.037	1.55E-51	34	CST6	Immune-B cells
1.13E-16	0.38510903	0.836	0.469	3.81E-12	34	CFL1	Immune-B cells
1.72E-21	0.38506163	0.768	0.39	5.79E-17	34	ARL6IP1	Immune-B cells
6.12E-29	0.38350366	0.322	0.083	2.06E-24	34	S100A1	Immune-B cells
7.47E-25	0.38331442	0.266	0.069	2.52E-20	34	SERTAD3	Immune-B cells
5.13E-19	0.38306893	0.565	0.26	1.73E-14	34	SRSF7	Immune-B cells
8.62E-22	0.38030701	0.395	0.14	2.90E-17	34	PIM3	Immune-B cells
2.30E-15	0.37851129	0.881	0.551	7.75E-11	34	DDX5	Immune-B cells
1.07E-16	0.3784721	0.661	0.339	3.60E-12	34	SAP18	Immune-B cells
1.01E-16	0.37806905	0.429	0.185	3.39E-12	34	FKBP8	Immune-B cells
1.10E-18	0.37754672	0.554	0.255	3.72E-14	34	SLC38A2	Immune-B cells
1.35E-38	0.37706235	0.305	0.063	4.56E-34	34	MXD1	Immune-B cells
5.34E-22	0.37444608	0.305	0.093	1.80E-17	34	CD55	Immune-B cells
2.08E-31	0.37362481	0.266	0.059	7.01E-27	34	JMJD6	Immune-B cells
3.53E-24	0.37360782	0.328	0.099	1.19E-19	34	TMED5	Immune-B cells
4.42E-18	0.37310818	0.531	0.241	1.49E-13	34	ERP29	Immune-B cells
6.19E-18	0.3726585	0.367	0.142	2.09E-13	34	PPA2	Immune-B cells
2.15E-34	0.3715737	0.316	0.072	7.26E-30	34	PHACTR1	Immune-B cells
1.21E-15	0.37075967	0.831	0.49	4.08E-11	34	RPLP0	Immune-B cells
6.55E-27	0.36756935	0.339	0.097	2.21E-22	34	LINC01116	Immune-B cells
1.77E-22	0.36723282	0.26	0.071	5.95E-18	34	RAB25	Immune-B cells
3.25E-26	0.36570232	0.994	0.922	1.10E-21	34	EEF1A1	Immune-B cells
9.02E-26	0.36556989	0.356	0.109	3.04E-21	34	PQLC3	Immune-B cells
5.84E-16	0.36551987	0.582	0.297	1.97E-11	34	SERP1	Immune-B cells
2.40E-28	0.36493964	0.373	0.109	8.09E-24	34	SYTL2	Immune-B cells
1.16E-34	0.36489349	0.294	0.064	3.92E-30	34	RAP2B	Immune-B cells
5.47E-14	0.36475644	0.898	0.564	1.84E-09	34	S100A11	Immune-B cells
4.35E-19	0.36419266	0.26	0.08	1.47E-14	34	LSR	Immune-B cells
4.70E-26	0.36129382	1	0.743	1.58E-21	34	ATP1B1	Immune-B cells
5.68E-21	0.3603249	0.463	0.18	1.91E-16	34	CDKN1A	Immune-B cells
5.68E-16	0.3597765	0.475	0.213	1.91E-11	34	PAX8	Immune-B cells
6.40E-21	0.35919102	0.61	0.276	2.15E-16	34	RALBP1	Immune-B cells
3.54E-15	0.35897172	0.791	0.451	1.19E-10	34	BTF3	Immune-B cells
2.62E-15	0.35840813	0.819	0.465	8.83E-11	34	MYL12B	Immune-B cells
1.06E-22	0.35724772	0.339	0.107	3.58E-18	34	ZNF503	Immune-B cells
1.62E-20	0.35707975	0.497	0.205	5.46E-16	34	DHRS7	Immune-B cells
4.84E-15	0.3570507	0.678	0.355	1.63E-10	34	LDHA	Immune-B cells
1.26E-17	0.35600871	0.328	0.119	4.26E-13	34	SLC39A6	Immune-B cells
2.20E-14	0.35518565	0.525	0.262	7.42E-10	34	ARHGAP29	Immune-B cells
9.35E-14	0.35514938	0.915	0.644	3.15E-09	34	ACTG1	Immune-B cells
1.59E-13	0.35503453	0.915	0.62	5.36E-09	34	RPL14	Immune-B cells
2.07E-15	0.35495716	0.537	0.264	6.97E-11	34	ARF4	Immune-B cells
5.68E-26	0.35492899	0.282	0.072	1.91E-21	34	SYNC	Immune-B cells
1.91E-13	0.35296342	0.797	0.481	6.44E-09	34	PFN1	Immune-B cells
8.02E-15	0.35290669	0.701	0.387	2.70E-10	34	SRSF3	Immune-B cells

1.56E-16	0.35184544	0.876	0.528	5.27E-12	34	YWHAE	Immune-B cells
1.46E-35	0.35103583	0.373	0.091	4.91E-31	34	PAPPA	Immune-B cells
2.56E-22	0.35055835	0.339	0.107	8.64E-18	34	REL	Immune-B cells
4.32E-28	0.35033971	0.424	0.134	1.46E-23	34	RAB11FIP1	Immune-B cells
2.35E-17	0.3497542	0.469	0.204	7.91E-13	34	EIF4A1	Immune-B cells
4.80E-24	0.34828625	0.339	0.103	1.62E-19	34	KDM6B	Immune-B cells
1.11E-14	0.34796998	0.825	0.462	3.74E-10	34	CHCHD2	Immune-B cells
6.37E-18	0.34792995	0.554	0.254	2.15E-13	34	GPBP1	Immune-B cells
2.55E-13	0.34778873	0.576	0.308	8.59E-09	34	SRSF2	Immune-B cells
7.40E-13	0.34751387	0.797	0.502	2.49E-08	34	YBX1	Immune-B cells
1.84E-20	0.34749569	0.429	0.166	6.19E-16	34	CCT6A	Immune-B cells
2.80E-17	0.34661944	0.994	0.903	9.44E-13	34	PTMA	Immune-B cells
1.78E-27	0.34443786	0.305	0.079	5.98E-23	34	GMNN	Immune-B cells
1.26E-36	0.34342514	0.26	0.049	4.24E-32	34	NHSL1	Immune-B cells
4.51E-31	0.34311353	0.379	0.101	1.52E-26	34	LHX1	Immune-B cells
4.26E-15	0.34279584	0.418	0.185	1.44E-10	34	SDHD	Immune-B cells
2.14E-16	0.34138633	0.356	0.14	7.20E-12	34	DDX6	Immune-B cells
7.38E-17	0.33984501	0.571	0.266	2.49E-12	34	SRSF6	Immune-B cells
2.89E-19	0.33971117	0.678	0.327	9.75E-15	34	NDUFA5	Immune-B cells
2.10E-20	0.33949343	0.305	0.095	7.08E-16	34	PTPRS	Immune-B cells
7.02E-17	0.33910262	0.486	0.22	2.37E-12	34	HNRNPF	Immune-B cells
1.14E-27	0.33877058	0.322	0.086	3.85E-23	34	SGPP1	Immune-B cells
9.01E-17	0.33763509	0.401	0.167	3.04E-12	34	TBCB	Immune-B cells
5.73E-15	0.33723274	0.39	0.167	1.93E-10	34	CCT3	Immune-B cells
1.48E-20	0.33671212	0.35	0.12	5.00E-16	34	MYLIP	Immune-B cells
2.24E-15	0.33667423	0.379	0.16	7.54E-11	34	PPP1R10	Immune-B cells
1.83E-22	0.33605821	0.333	0.104	6.16E-18	34	ARL4A	Immune-B cells
9.60E-22	0.33511097	0.379	0.131	3.24E-17	34	HNRNPL	Immune-B cells
2.63E-21	0.33444002	0.356	0.119	8.87E-17	34	SLC16A4	Immune-B cells
7.32E-17	0.33350207	0.412	0.174	2.47E-12	34	KDELR1	Immune-B cells
3.92E-17	0.33281047	0.367	0.143	1.32E-12	34	AFF1	Immune-B cells
1.44E-29	0.33077243	0.266	0.06	4.87E-25	34	11-445F1	Immune-B cells
1.73E-13	0.33071489	0.559	0.297	5.84E-09	34	PDIA6	Immune-B cells
4.00E-12	0.33041617	0.395	0.188	1.35E-07	34	LRPAP1	Immune-B cells
3.04E-13	0.32920739	0.373	0.17	1.02E-08	34	MDH2	Immune-B cells
3.61E-20	0.32841428	0.373	0.134	1.22E-15	34	TEX264	Immune-B cells
5.61E-16	0.32814216	0.35	0.138	1.89E-11	34	C5orf15	Immune-B cells
4.83E-22	0.3270565	0.299	0.09	1.63E-17	34	FUCA1	Immune-B cells
5.50E-20	0.32641252	0.384	0.139	1.85E-15	34	CXADR	Immune-B cells
1.74E-14	0.32633567	0.859	0.503	5.86E-10	34	COX8A	Immune-B cells
6.42E-12	0.32627597	0.927	0.635	2.16E-07	34	RPL10A	Immune-B cells
1.44E-19	0.32592788	0.446	0.178	4.87E-15	34	ENSA	Immune-B cells
3.01E-11	0.32494913	0.881	0.616	1.01E-06	34	RPL24	Immune-B cells
5.88E-17	0.32455859	0.35	0.133	1.98E-12	34	MGMT	Immune-B cells
1.21E-13	0.32453107	0.52	0.261	4.07E-09	34	BRD2	Immune-B cells
7.96E-16	0.32433259	0.853	0.511	2.68E-11	34	RTN4	Immune-B cells
4.86E-16	0.32370572	0.492	0.227	1.64E-11	34	ECHS1	Immune-B cells
1.02E-12	0.3233953	0.842	0.503	3.45E-08	34	PEBP1	Immune-B cells

7.98E-15	0.32331109	0.52	0.254	2.69E-10	34	RBM3	Immune-B cells
1.90E-14	0.32287908	0.729	0.389	6.40E-10	34	MGST3	Immune-B cells
2.07E-12	0.32179496	0.966	0.741	6.96E-08	34	RPS3A	Immune-B cells
6.16E-19	0.32169557	0.362	0.133	2.07E-14	34	CHMP2B	Immune-B cells
3.57E-11	0.32150334	0.294	0.126	1.20E-06	34	PLEKHH2	Immune-B cells
8.22E-11	0.32118628	0.458	0.244	2.77E-06	34	REEP5	Immune-B cells
2.94E-14	0.32029275	0.588	0.303	9.92E-10	34	COX5A	Immune-B cells
4.72E-13	0.31861074	0.751	0.45	1.59E-08	34	CALM1	Immune-B cells
7.56E-15	0.31757195	0.746	0.401	2.55E-10	34	BSG	Immune-B cells
7.76E-23	0.31685319	0.288	0.082	2.61E-18	34	PRPS2	Immune-B cells
3.42E-16	0.31628946	0.548	0.26	1.15E-11	34	ANXA5	Immune-B cells
1.45E-13	0.31492303	0.322	0.134	4.89E-09	34	DNAJB14	Immune-B cells
1.28E-14	0.31477229	0.412	0.178	4.32E-10	34	TD-3252C9	Immune-B cells
2.36E-15	0.31414875	0.91	0.564	7.97E-11	34	DUSP1	Immune-B cells
1.88E-12	0.31316507	0.395	0.188	6.33E-08	34	ALKBH7	Immune-B cells
1.18E-20	0.3131203	0.407	0.149	3.97E-16	34	IFI6	Immune-B cells
4.35E-11	0.31305954	0.944	0.661	1.47E-06	34	RPS3	Immune-B cells
3.62E-18	0.31234728	0.277	0.088	1.22E-13	34	WDR43	Immune-B cells
6.58E-14	0.31211447	0.452	0.212	2.22E-09	34	GRN	Immune-B cells
9.60E-14	0.31209818	0.576	0.299	3.23E-09	34	BRK1	Immune-B cells
3.05E-11	0.31174189	0.333	0.152	1.03E-06	34	G3BP2	Immune-B cells
1.97E-13	0.31161414	0.441	0.21	6.64E-09	34	KCNQ1OT1	Immune-B cells
1.32E-16	0.31065961	0.814	0.445	4.44E-12	34	HES1	Immune-B cells
3.49E-14	0.30956998	0.452	0.208	1.18E-09	34	PCBD1	Immune-B cells
3.39E-13	0.3092881	0.672	0.376	1.14E-08	34	SLC25A3	Immune-B cells
1.36E-13	0.30923738	0.379	0.169	4.58E-09	34	HSD17B10	Immune-B cells
6.21E-16	0.30899606	0.893	0.545	2.09E-11	34	HNRNPH1	Immune-B cells
1.82E-18	0.30796701	0.254	0.078	6.14E-14	34	WASH1	Immune-B cells
7.80E-23	0.30779452	0.288	0.082	2.63E-18	34	HYOU1	Immune-B cells
1.19E-13	0.30731526	0.492	0.242	4.01E-09	34	PSMB3	Immune-B cells
3.90E-11	0.30679129	0.311	0.14	1.32E-06	34	EIF3I	Immune-B cells
1.84E-13	0.30661574	0.588	0.305	6.21E-09	34	DDT	Immune-B cells
2.43E-13	0.30656124	0.463	0.226	8.20E-09	34	RTN3	Immune-B cells
1.23E-23	0.30633831	0.616	0.241	4.15E-19	34	RASD1	Immune-B cells
5.73E-10	0.3055957	0.277	0.123	1.93E-05	34	INADL	Immune-B cells
2.36E-13	0.30555373	0.39	0.176	7.94E-09	34	THRAP3	Immune-B cells
4.73E-21	0.30538593	0.26	0.074	1.59E-16	34	VASN	Immune-B cells
1.44E-16	0.30514117	0.452	0.198	4.86E-12	34	SYAP1	Immune-B cells
4.10E-12	0.30485788	0.407	0.2	1.38E-07	34	NUDC	Immune-B cells
5.74E-11	0.30444904	0.299	0.134	1.93E-06	34	APOA1BP	Immune-B cells
4.54E-12	0.30350472	0.802	0.473	1.53E-07	34	RPL4	Immune-B cells
1.77E-12	0.30252674	0.345	0.154	5.97E-08	34	ANP32E	Immune-B cells
3.40E-15	0.30180999	0.847	0.481	1.14E-10	34	CDC42	Immune-B cells
1.32E-15	0.30097912	0.395	0.168	4.44E-11	34	MAPK1IP1	Immune-B cells
2.84E-23	0.30067124	0.254	0.066	9.57E-19	34	TMPRSS2	Immune-B cells
8.76E-13	0.30055084	0.763	0.447	2.95E-08	34	EIF4A2	Immune-B cells
1.18E-13	0.29941673	0.667	0.355	3.99E-09	34	PRDX2	Immune-B cells
1.90E-15	0.29871908	0.48	0.22	6.41E-11	34	CYC1	Immune-B cells

2.99E-12	0.29812789	0.39	0.182	1.01E-07	34	PHB	Immune-B cells
9.50E-17	0.29808585	0.435	0.185	3.20E-12	34	CCT4	Immune-B cells
1.26E-30	0.29795085	0.305	0.073	4.26E-26	34	FAM84A	Immune-B cells
9.13E-20	0.29782108	0.277	0.085	3.08E-15	34	IQCK	Immune-B cells
1.06E-14	0.29781555	0.463	0.215	3.58E-10	34	EIF3F	Immune-B cells
4.53E-12	0.29761346	0.593	0.325	1.53E-07	34	ATP5A1	Immune-B cells
2.04E-17	0.29652008	0.463	0.2	6.88E-13	34	NBEAL1	Immune-B cells
8.75E-16	0.29643183	0.463	0.207	2.95E-11	34	ATRAID	Immune-B cells
1.54E-13	0.29608275	0.74	0.394	5.18E-09	34	SOX4	Immune-B cells
1.10E-14	0.29599394	0.328	0.129	3.71E-10	34	SPINT1	Immune-B cells
8.15E-14	0.29547948	0.757	0.423	2.75E-09	34	EEF2	Immune-B cells
2.05E-15	0.29530958	0.35	0.14	6.91E-11	34	TTC19	Immune-B cells
3.58E-11	0.29365228	0.627	0.356	1.21E-06	34	CSTB	Immune-B cells
8.05E-10	0.29261924	0.904	0.592	2.71E-05	34	RPL30	Immune-B cells
4.77E-16	0.29236326	0.418	0.176	1.61E-11	34	CTTN	Immune-B cells
9.90E-15	0.29204342	0.429	0.193	3.34E-10	34	LGALS3BP	Immune-B cells
4.29E-13	0.29153683	0.254	0.095	1.45E-08	34	EIF2A	Immune-B cells
1.00E-46	0.29094415	0.333	0.062	3.37E-42	34	LTF	Immune-B cells
6.07E-15	0.29084742	0.373	0.157	2.05E-10	34	RAB5C	Immune-B cells
1.86E-12	0.2905953	0.356	0.16	6.25E-08	34	TMEM179	Immune-B cells
8.28E-16	0.28998618	0.362	0.143	2.79E-11	34	11-532F12	Immune-B cells
3.21E-13	0.28990336	0.418	0.198	1.08E-08	34	LAMTOR2	Immune-B cells
1.21E-15	0.28935673	0.48	0.221	4.07E-11	34	BANF1	Immune-B cells
1.02E-13	0.28906811	0.429	0.198	3.42E-09	34	EIF3L	Immune-B cells
5.80E-10	0.28895954	0.441	0.237	1.95E-05	34	VPS29	Immune-B cells
5.29E-16	0.28869607	0.469	0.205	1.78E-11	34	PTP4A1	Immune-B cells
1.75E-16	0.28842323	0.492	0.222	5.89E-12	34	NDUFV2	Immune-B cells
7.63E-15	0.28815842	0.294	0.11	2.57E-10	34	NAA50	Immune-B cells
4.90E-18	0.28807826	0.441	0.181	1.65E-13	34	ARHGAP5	Immune-B cells
1.37E-17	0.2878401	0.407	0.163	4.62E-13	34	SPTSSA	Immune-B cells
1.95E-13	0.28767525	0.486	0.239	6.57E-09	34	C6orf48	Immune-B cells
2.43E-10	0.28712028	0.898	0.627	8.19E-06	34	RPL29	Immune-B cells
2.02E-09	0.28711544	0.435	0.232	6.82E-05	34	RAB13	Immune-B cells
3.18E-19	0.28710084	0.379	0.138	1.07E-14	34	SCPEP1	Immune-B cells
1.43E-14	0.2868687	0.836	0.46	4.83E-10	34	HLA-C	Immune-B cells
4.20E-14	0.28666819	0.718	0.396	1.42E-09	34	HNRNPC	Immune-B cells
1.19E-14	0.28579265	0.271	0.098	4.00E-10	34	EFNA1	Immune-B cells
5.99E-11	0.28529346	0.944	0.648	2.02E-06	34	RPL22	Immune-B cells
2.23E-15	0.28481625	1	0.818	7.51E-11	34	S100A6	Immune-B cells
1.62E-17	0.28446408	0.322	0.114	5.47E-13	34	PTPN13	Immune-B cells
7.41E-12	0.28416662	0.395	0.191	2.50E-07	34	FAM162A	Immune-B cells
1.79E-09	0.28403779	0.328	0.161	6.03E-05	34	CREBRF	Immune-B cells
1.28E-21	0.28389375	0.288	0.085	4.33E-17	34	TGFBR1	Immune-B cells
7.02E-14	0.28381364	0.254	0.091	2.37E-09	34	SLBP	Immune-B cells
6.06E-12	0.28214964	0.542	0.287	2.04E-07	34	RAN	Immune-B cells
4.19E-11	0.28117324	0.718	0.435	1.41E-06	34	ATP6V1G1	Immune-B cells
6.05E-14	0.28102885	0.333	0.135	2.04E-09	34	ID4	Immune-B cells
2.68E-12	0.28076959	0.373	0.171	9.03E-08	34	MLF2	Immune-B cells

2.80E-15	0.28047109	0.52	0.245	9.44E-11	34	SH3BGRL	Immune-B cells
1.18E-12	0.28027294	0.373	0.171	3.99E-08	34	MAGED2	Immune-B cells
5.27E-25	0.2801339	0.542	0.194	1.78E-20	34	C1orf56	Immune-B cells
8.55E-14	0.27972303	0.48	0.229	2.88E-09	34	C4orf48	Immune-B cells
1.34E-13	0.27966513	0.52	0.255	4.51E-09	34	MRPS6	Immune-B cells
3.89E-18	0.27914039	0.294	0.098	1.31E-13	34	ABHD11	Immune-B cells
5.90E-17	0.2788249	0.621	0.296	1.99E-12	34	FOSL2	Immune-B cells
3.45E-12	0.27866211	0.26	0.101	1.16E-07	34	DAP	Immune-B cells
5.12E-23	0.27854218	0.328	0.098	1.73E-18	34	INSIG1	Immune-B cells
2.19E-11	0.27831253	0.836	0.536	7.37E-07	34	COX6A1	Immune-B cells
1.17E-13	0.27812126	0.294	0.113	3.95E-09	34	RAP1B	Immune-B cells
4.55E-11	0.27770166	0.802	0.483	1.53E-06	34	LDHB	Immune-B cells
1.38E-12	0.27687107	0.475	0.237	4.66E-08	34	HACD3	Immune-B cells
2.52E-25	0.27679481	0.367	0.108	8.48E-21	34	CLDN8	Immune-B cells
1.45E-14	0.27509052	0.768	0.419	4.89E-10	34	ST13	Immune-B cells
1.37E-13	0.27506884	0.311	0.125	4.61E-09	34	RAB5A	Immune-B cells
4.38E-18	0.27412354	0.582	0.259	1.48E-13	34	FAM107B	Immune-B cells
2.03E-11	0.27399441	0.288	0.12	6.84E-07	34	PPP3CA	Immune-B cells
1.37E-15	0.27389888	0.35	0.14	4.63E-11	34	APEX1	Immune-B cells
1.68E-14	0.27373868	0.74	0.398	5.67E-10	34	HNRNPDL	Immune-B cells
1.14E-15	0.27301915	0.39	0.162	3.85E-11	34	XRN2	Immune-B cells
1.50E-19	0.2725408	0.475	0.188	5.06E-15	34	PERP	Immune-B cells
2.61E-11	0.2723129	0.808	0.47	8.80E-07	34	OST4	Immune-B cells
5.29E-20	0.27227943	0.475	0.187	1.78E-15	34	PLS3	Immune-B cells
3.62E-15	0.27215965	0.52	0.247	1.22E-10	34	RSRP1	Immune-B cells
2.11E-20	0.27191116	0.384	0.133	7.10E-16	34	CDH1	Immune-B cells
2.48E-10	0.27190469	0.537	0.303	8.34E-06	34	SNHG9	Immune-B cells
2.41E-14	0.27137706	0.429	0.195	8.12E-10	34	HSPA9	Immune-B cells
7.65E-14	0.27137296	0.266	0.098	2.58E-09	34	TPGS2	Immune-B cells
3.24E-19	0.27092724	0.418	0.154	1.09E-14	34	FGL2	Immune-B cells
3.14E-16	0.27087217	0.582	0.277	1.06E-11	34	CLK1	Immune-B cells
3.67E-15	0.27047453	0.418	0.179	1.24E-10	34	NDUFS2	Immune-B cells
3.85E-13	0.27037373	0.328	0.137	1.30E-08	34	TROVE2	Immune-B cells
6.68E-15	0.27024224	0.339	0.135	2.25E-10	34	HNRNPAB	Immune-B cells
3.93E-12	0.27024222	0.588	0.311	1.32E-07	34	SELM	Immune-B cells
4.85E-11	0.27018945	0.774	0.491	1.63E-06	34	MRPL33	Immune-B cells
9.69E-12	0.27005327	0.384	0.184	3.26E-07	34	LAMTOR1	Immune-B cells
4.03E-09	0.26981985	0.356	0.181	0.00014	34	PSMB5	Immune-B cells
3.34E-13	0.26944125	0.48	0.237	1.13E-08	34	NDUFB5	Immune-B cells
9.21E-14	0.26851505	0.401	0.179	3.10E-09	34	XRCC6	Immune-B cells
4.74E-12	0.26845402	0.548	0.284	1.60E-07	34	COX7A2L	Immune-B cells
1.08E-28	0.26843474	0.294	0.072	3.63E-24	34	PPP1R15B	Immune-B cells
1.47E-17	0.26733382	0.277	0.091	4.95E-13	34	MRPL4	Immune-B cells
3.81E-10	0.26731551	0.486	0.26	1.28E-05	34	SMS	Immune-B cells
3.20E-15	0.26693261	1	0.946	1.08E-10	34	RPL41	Immune-B cells
1.20E-13	0.26672796	0.35	0.148	4.06E-09	34	DECR1	Immune-B cells
2.96E-17	0.26655	0.322	0.116	9.96E-13	34	POLR2E	Immune-B cells
8.28E-15	0.26636785	0.277	0.1	2.79E-10	34	SMCO4	Immune-B cells

4.44E-14	0.26626561	0.288	0.111	1.49E-09	34	LSM1	Immune-B cells
3.81E-14	0.26574281	0.627	0.319	1.28E-09	34	C12orf75	Immune-B cells
3.56E-12	0.2652304	0.418	0.201	1.20E-07	34	ATP6V1E1	Immune-B cells
1.28E-14	0.26503985	0.384	0.162	4.33E-10	34	CFI	Immune-B cells
8.97E-15	0.26483733	0.452	0.206	3.02E-10	34	UQCRC1	Immune-B cells
4.50E-15	0.26453532	0.751	0.396	1.52E-10	34	S100A13	Immune-B cells
1.01E-22	0.26429133	0.305	0.087	3.39E-18	34	EMX1	Immune-B cells
5.12E-12	0.26415076	0.548	0.291	1.72E-07	34	GHITM	Immune-B cells
1.30E-11	0.26405441	0.356	0.162	4.38E-07	34	FKBP3	Immune-B cells
5.44E-14	0.2636814	0.627	0.321	1.83E-09	34	TRMT112	Immune-B cells
4.53E-13	0.26356164	0.271	0.102	1.53E-08	34	LGAP1-AS	Immune-B cells
2.17E-14	0.26350623	0.853	0.48	7.30E-10	34	CTSD	Immune-B cells
1.80E-13	0.26339133	0.299	0.118	6.07E-09	34	ILF2	Immune-B cells
1.24E-13	0.26322841	0.424	0.192	4.17E-09	34	PCM1	Immune-B cells
2.14E-11	0.26273458	0.593	0.326	7.21E-07	34	ISCU	Immune-B cells
3.27E-13	0.26269248	0.384	0.174	1.10E-08	34	SNRPB	Immune-B cells
6.59E-15	0.26263781	0.452	0.2	2.22E-10	34	BICC1	Immune-B cells
2.05E-17	0.26253191	0.537	0.237	6.92E-13	34	GABARAPL	Immune-B cells
3.05E-17	0.26218881	0.463	0.195	1.03E-12	34	CEBPB	Immune-B cells
5.41E-10	0.26200135	0.802	0.504	1.82E-05	34	NACA	Immune-B cells
5.36E-17	0.26188172	0.288	0.099	1.81E-12	34	SLC39A1	Immune-B cells
1.96E-14	0.26173122	0.497	0.237	6.60E-10	34	MMP24-AS	Immune-B cells
3.11E-15	0.26159156	0.429	0.187	1.05E-10	34	BLVRB	Immune-B cells
3.64E-11	0.26156181	0.299	0.129	1.23E-06	34	RNMT	Immune-B cells
7.60E-19	0.26143258	0.542	0.226	2.56E-14	34	MECOM	Immune-B cells
5.72E-12	0.26089431	0.401	0.193	1.93E-07	34	PSMB7	Immune-B cells
2.72E-09	0.26068015	0.271	0.123	9.17E-05	34	TCEA3	Immune-B cells
2.27E-12	0.26046883	0.373	0.168	7.63E-08	34	GOLGB1	Immune-B cells
4.77E-14	0.26034516	0.266	0.096	1.61E-09	34	PROM1	Immune-B cells
1.51E-14	0.26029886	0.333	0.131	5.08E-10	34	ITGA2	Immune-B cells
6.85E-16	0.26025607	0.299	0.108	2.31E-11	34	MRPS15	Immune-B cells
2.58E-09	0.25982498	0.271	0.124	8.69E-05	34	PHB2	Immune-B cells
1.90E-16	0.25980025	0.311	0.111	6.42E-12	34	NOP58	Immune-B cells
2.10E-15	0.25967158	0.424	0.185	7.07E-11	34	PNRC2	Immune-B cells
2.01E-11	0.25897695	0.508	0.263	6.76E-07	34	STAT3	Immune-B cells
1.27E-10	0.25874228	0.316	0.144	4.29E-06	34	PCF11	Immune-B cells
2.39E-17	0.25850424	0.271	0.088	8.06E-13	34	PHYH	Immune-B cells
9.46E-10	0.25803569	0.254	0.111	3.19E-05	34	NME1	Immune-B cells
5.03E-08	0.25759556	0.288	0.143	0.00169	34	VPS13C	Immune-B cells
5.01E-14	0.2571015	0.254	0.091	1.69E-09	34	HEBP1	Immune-B cells
5.41E-13	0.25680066	0.367	0.164	1.82E-08	34	CD2AP	Immune-B cells
1.52E-10	0.25672214	0.96	0.765	5.11E-06	34	RPL31	Immune-B cells
1.08E-12	0.25671244	0.294	0.119	3.63E-08	34	PVRL2	Immune-B cells
5.05E-10	0.25639742	0.424	0.221	1.70E-05	34	TMEM219	Immune-B cells
1.72E-12	0.25597659	0.266	0.103	5.78E-08	34	SMIM15	Immune-B cells
1.06E-23	0.25594728	0.333	0.098	3.58E-19	34	KCNJ15	Immune-B cells
8.66E-13	0.25498936	0.525	0.264	2.92E-08	34	C6orf62	Immune-B cells
8.64E-15	0.25467475	0.299	0.113	2.91E-10	34	PMF1	Immune-B cells

1.01E-13	0.25466359	0.39	0.172	3.39E-09	34	PSMD8	Immune-B cells
1.00E-10	0.25407444	0.746	0.441	3.38E-06	34	MYL12A	Immune-B cells
9.31E-19	0.25406268	0.311	0.103	3.14E-14	34	SLC25A29	Immune-B cells
2.24E-15	0.25394707	0.271	0.095	7.55E-11	34	EIF1AY	Immune-B cells
1.02E-09	0.2538817	0.362	0.184	3.45E-05	34	LSM4	Immune-B cells
4.61E-12	0.25373451	0.706	0.395	1.55E-07	34	HMGN3	Immune-B cells
3.94E-10	0.25318228	0.757	0.458	1.33E-05	34	OAZ1	Immune-B cells
2.85E-09	0.25250256	0.441	0.24	9.61E-05	34	HIGD2A	Immune-B cells
1.43E-10	0.25198835	0.497	0.269	4.83E-06	34	COL18A1	Immune-B cells
3.39E-12	0.25169779	0.277	0.11	1.14E-07	34	TPD52L1	Immune-B cells
2.23E-12	0.25051973	0.672	0.375	7.51E-08	34	ATP5H	Immune-B cells
9.08E-09	0.25047792	0.379	0.204	0.00031	34	ARL2	Immune-B cells
8.06E-08	0.25040303	0.345	0.187	0.00272	34	BUD31	Immune-B cells
8.17E-10	0.25018675	0.768	0.468	2.75E-05	34	SUMO2	Immune-B cells
3.14E-104	1.61330551	0.934	0.101	1.06E-99	35	RGS5	Immune-B cells
6.95E-54	1.53334234	0.934	0.191	2.34E-49	35	AQP2	Immune-B cells
2.32E-36	1.52112886	0.967	0.439	7.82E-32	35	ZFP36	Immune-B cells
4.53E-45	1.51754354	0.885	0.222	1.53E-40	35	SOCS3	Immune-B cells
8.04E-39	1.50428944	1	0.527	2.71E-34	35	EGR1	Immune-B cells
1.05E-39	1.47391387	0.639	0.119	3.53E-35	35	CCL2	Immune-B cells
2.29E-73	1.41067379	0.607	0.059	7.73E-69	35	C11orf96	Immune-B cells
1.86E-53	1.38789224	0.754	0.122	6.28E-49	35	CXCL2	Immune-B cells
2.26E-47	1.37677365	0.869	0.198	7.62E-43	35	KLF10	Immune-B cells
5.39E-28	1.22980007	0.967	0.557	1.82E-23	35	JUND	Immune-B cells
8.40E-29	1.21975283	0.869	0.313	2.83E-24	35	BTG2	Immune-B cells
9.27E-52	1.21315595	0.77	0.132	3.12E-47	35	PFKFB3	Immune-B cells
8.74E-36	1.20319338	0.803	0.194	2.94E-31	35	C1orf56	Immune-B cells
2.60E-35	1.19383816	0.967	0.316	8.77E-31	35	ATF3	Immune-B cells
1.95E-30	1.19169177	1	0.677	6.57E-26	35	FOS	Immune-B cells
2.37E-34	1.15588185	0.885	0.269	7.99E-30	35	MIDN	Immune-B cells
8.76E-38	1.1550784	0.803	0.178	2.95E-33	35	AQP3	Immune-B cells
4.44E-27	1.12854526	0.934	0.426	1.49E-22	35	FOSB	Immune-B cells
4.73E-63	1.0329803	0.541	0.054	1.59E-58	35	APOLD1	Immune-B cells
9.13E-40	1.02692481	0.574	0.092	3.08E-35	35	PAPPA	Immune-B cells
1.03E-25	1.00064355	0.902	0.354	3.46E-21	35	MCL1	Immune-B cells
3.76E-21	0.99752307	0.787	0.296	1.27E-16	35	FOSL2	Immune-B cells
8.88E-28	0.98673054	0.934	0.337	2.99E-23	35	CTNNB1	Immune-B cells
3.96E-26	0.98542718	0.721	0.207	1.33E-21	35	IRF2BPL	Immune-B cells
4.82E-25	0.97910817	0.902	0.345	1.62E-20	35	YBX3	Immune-B cells
4.28E-26	0.97035211	0.869	0.303	1.44E-21	35	TIMP3	Immune-B cells
2.46E-24	0.96049472	0.967	0.464	8.27E-20	35	JUNB	Immune-B cells
2.98E-38	0.96022877	0.918	0.226	1.01E-33	35	UMOD	Immune-B cells
2.56E-46	0.94782005	0.426	0.045	8.62E-42	35	RBP7	Immune-B cells
0	0.9443207	0.328	0.003	0	35	CCL8	Immune-B cells
8.20E-29	0.94090768	0.459	0.081	2.76E-24	35	SLC25A25	Immune-B cells
7.09E-40	0.92751496	0.525	0.077	2.39E-35	35	ALAS1	Immune-B cells
1.09E-27	0.92315445	0.639	0.151	3.67E-23	35	ADAMTS1	Immune-B cells
3.22E-25	0.90608256	0.754	0.215	1.09E-20	35	CDC42SE1	Immune-B cells

1.93E-21	0.90092517	0.541	0.134	6.49E-17	35	TM4SF1	Immune-B cells
2.42E-18	0.89095695	0.787	0.313	8.17E-14	35	NFKBIZ	Immune-B cells
8.86E-22	0.86799196	0.639	0.185	2.98E-17	35	CYR61	Immune-B cells
5.55E-21	0.86735372	1	0.602	1.87E-16	35	JUN	Immune-B cells
8.28E-20	0.85488874	0.574	0.158	2.79E-15	35	EMP1	Immune-B cells
3.26E-20	0.84991228	0.934	0.434	1.10E-15	35	IER2	Immune-B cells
9.72E-17	0.84811152	0.803	0.358	3.27E-12	35	CEBPD	Immune-B cells
9.52E-24	0.84710544	0.492	0.104	3.21E-19	35	PHLDA1	Immune-B cells
2.38E-61	0.84489213	0.41	0.032	8.02E-57	35	ENPP2	Immune-B cells
6.17E-18	0.81105169	0.721	0.254	2.08E-13	35	WTAP	Immune-B cells
5.60E-23	0.80759568	0.672	0.191	1.89E-18	35	NAMPT	Immune-B cells
4.50E-30	0.79091509	0.869	0.225	1.52E-25	35	SLC12A1	Immune-B cells
7.86E-17	0.78852742	0.656	0.225	2.65E-12	35	BHLHE40	Immune-B cells
4.36E-38	0.78475192	0.443	0.056	1.47E-33	35	FN1	Immune-B cells
9.33E-19	0.78456019	0.623	0.19	3.14E-14	35	B4GALT1	Immune-B cells
4.43E-17	0.78028459	1	0.646	1.49E-12	35	HSPA1B	Immune-B cells
1.66E-26	0.77380518	0.836	0.239	5.58E-22	35	FXYD4	Immune-B cells
1.91E-16	0.74923019	0.934	0.565	6.42E-12	35	DUSP1	Immune-B cells
1.97E-19	0.74613658	0.59	0.166	6.63E-15	35	CYFIP2	Immune-B cells
1.10E-18	0.74494521	0.918	0.446	3.72E-14	35	HES1	Immune-B cells
3.29E-21	0.73286325	0.426	0.087	1.11E-16	35	PDGFA	Immune-B cells
2.12E-19	0.72811001	0.721	0.235	7.16E-15	35	AMFR	Immune-B cells
7.21E-27	0.72633863	0.393	0.063	2.43E-22	35	MYC	Immune-B cells
2.84E-15	0.70977745	0.803	0.335	9.58E-11	35	CCNL1	Immune-B cells
1.66E-64	0.70874827	0.361	0.024	5.58E-60	35	EGR3	Immune-B cells
8.40E-12	0.70456209	0.803	0.432	2.83E-07	35	SET	Immune-B cells
1.51E-15	0.70420032	0.393	0.099	5.09E-11	35	CSRNP1	Immune-B cells
3.39E-14	0.70190707	0.984	0.643	1.14E-09	35	MT2A	Immune-B cells
2.14E-18	0.69452245	0.557	0.157	7.21E-14	35	IRF1	Immune-B cells
2.44E-41	0.68790354	0.344	0.034	8.23E-37	35	EGR2	Immune-B cells
8.61E-57	0.68761345	0.361	0.027	2.90E-52	35	KLHL23	Immune-B cells
1.05E-22	0.67962729	0.541	0.123	3.53E-18	35	ST6GAL1	Immune-B cells
3.89E-15	0.67511105	0.951	0.535	1.31E-10	35	KLF6	Immune-B cells
9.48E-15	0.67117498	0.934	0.511	3.20E-10	35	RHOB	Immune-B cells
1.26E-17	0.6706439	0.328	0.064	4.24E-13	35	ARL5B	Immune-B cells
7.21E-21	0.6628532	0.574	0.146	2.43E-16	35	MT1M	Immune-B cells
7.22E-14	0.65187646	0.672	0.262	2.43E-09	35	NDRG1	Immune-B cells
1.47E-13	0.64607638	0.951	0.645	4.96E-09	35	ACTG1	Immune-B cells
2.66E-13	0.63896359	0.984	0.609	8.95E-09	35	HSPA1A	Immune-B cells
1.30E-15	0.63710465	0.426	0.11	4.40E-11	35	MAFF	Immune-B cells
9.84E-15	0.63578874	0.59	0.199	3.32E-10	35	TPM4	Immune-B cells
2.97E-13	0.6347634	0.77	0.315	9.99E-09	35	ELF3	Immune-B cells
1.08E-12	0.6339363	0.656	0.262	3.64E-08	35	NR2F2	Immune-B cells
3.03E-17	0.6312058	0.459	0.116	1.02E-12	35	PRKAG2	Immune-B cells
1.16E-45	0.62798252	0.328	0.028	3.91E-41	35	CRISPLD2	Immune-B cells
2.80E-12	0.62381775	0.918	0.54	9.43E-08	35	NGFRAP1	Immune-B cells
2.37E-15	0.62270874	0.557	0.17	7.99E-11	35	SOX9	Immune-B cells
1.48E-17	0.61632734	0.377	0.079	4.99E-13	35	RGCC	Immune-B cells

6.34E-11	0.61259108	0.459	0.162	2.14E-06	35	H1F0	Immune-B cells
1.71E-16	0.61186639	0.459	0.119	5.76E-12	35	PNP	Immune-B cells
1.43E-13	0.61175402	0.59	0.213	4.82E-09	35	MYH9	Immune-B cells
6.26E-14	0.60939538	0.475	0.143	2.11E-09	35	HSPA2	Immune-B cells
7.28E-12	0.60641634	0.525	0.191	2.45E-07	35	TMED4	Immune-B cells
3.29E-15	0.60384231	0.426	0.111	1.11E-10	35	TWSG1	Immune-B cells
4.41E-13	0.60357187	0.754	0.328	1.48E-08	35	DDX3X	Immune-B cells
9.29E-40	0.60332595	0.344	0.034	3.13E-35	35	MT1A	Immune-B cells
6.43E-12	0.59769764	0.459	0.151	2.17E-07	35	TACC1	Immune-B cells
2.38E-11	0.59675895	0.377	0.112	8.02E-07	35	MOB1B	Immune-B cells
8.76E-21	0.59522162	0.459	0.099	2.95E-16	35	KCNJ15	Immune-B cells
6.35E-15	0.59407222	0.328	0.073	2.14E-10	35	SOCS2	Immune-B cells
1.35E-22	0.59193233	0.262	0.034	4.55E-18	35	FRZB	Immune-B cells
2.29E-77	0.58545221	0.295	0.014	7.72E-73	35	SOX17	Immune-B cells
8.25E-16	0.58496053	0.377	0.087	2.78E-11	35	SGPP1	Immune-B cells
2.70E-13	0.58202456	0.984	0.657	9.11E-09	35	H3F3B	Immune-B cells
8.01E-10	0.58174923	0.705	0.35	2.70E-05	35	PDK4	Immune-B cells
1.35E-12	0.57979656	0.377	0.103	4.55E-08	35	KDM6B	Immune-B cells
5.42E-13	0.57800241	0.689	0.28	1.83E-08	35	LMNA	Immune-B cells
1.31E-10	0.57671104	0.705	0.324	4.40E-06	35	SOD2	Immune-B cells
1.33E-23	0.57073503	0.262	0.033	4.49E-19	35	LTBP1	Immune-B cells
5.02E-20	0.56922501	0.361	0.065	1.69E-15	35	SCNN1G	Immune-B cells
8.57E-12	0.56688097	0.82	0.38	2.89E-07	35	GADD45B	Immune-B cells
2.00E-11	0.56681483	0.361	0.106	6.73E-07	35	CCNG2	Immune-B cells
4.90E-26	0.56229242	0.328	0.045	1.65E-21	35	CPE	Immune-B cells
4.58E-13	0.5546819	0.344	0.087	1.54E-08	35	TIPARP	Immune-B cells
2.89E-15	0.55457984	0.41	0.1	9.72E-11	35	TCF4	Immune-B cells
1.93E-21	0.55405186	0.328	0.053	6.52E-17	35	IGFBP3	Immune-B cells
1.08E-17	0.55228447	0.361	0.073	3.64E-13	35	FAM84A	Immune-B cells
6.69E-13	0.54932396	0.459	0.143	2.25E-08	35	AFF1	Immune-B cells
3.79E-13	0.54882318	0.41	0.115	1.28E-08	35	RDH10	Immune-B cells
1.99E-14	0.54532216	0.59	0.199	6.72E-10	35	KLF9	Immune-B cells
4.11E-06	0.54148921	0.557	0.308	0.13843	35	LINC00657	Immune-B cells
4.98E-12	0.54114982	0.574	0.202	1.68E-07	35	RPS4Y1	Immune-B cells
1.21E-11	0.53779121	0.311	0.08	4.06E-07	35	P5-862P8	Immune-B cells
3.56E-15	0.53577516	0.984	0.743	1.20E-10	35	ATP1B1	Immune-B cells
2.20E-24	0.53283528	0.557	0.115	7.42E-20	35	SPARCL1	Immune-B cells
2.14E-20	0.53229793	0.541	0.127	7.20E-16	35	AQP1	Immune-B cells
9.03E-12	0.5319419	0.967	0.546	3.04E-07	35	HNRNPH1	Immune-B cells
8.78E-11	0.52998977	0.541	0.208	2.96E-06	35	MAL2	Immune-B cells
5.38E-17	0.52891261	0.295	0.053	1.81E-12	35	CXCL3	Immune-B cells
2.65E-13	0.52865291	0.475	0.138	8.94E-09	35	GATA3	Immune-B cells
7.40E-10	0.52705369	0.328	0.1	2.49E-05	35	SMCO4	Immune-B cells
8.35E-11	0.52417807	0.328	0.092	2.81E-06	35	AMOTL2	Immune-B cells
3.60E-16	0.51865111	0.557	0.153	1.21E-11	35	ADGRF5	Immune-B cells
2.21E-19	0.51447063	0.279	0.044	7.45E-15	35	CYBRD1	Immune-B cells
2.20E-08	0.51143235	0.508	0.219	0.00074	35	RBPMS	Immune-B cells
3.38E-10	0.50974431	0.443	0.157	1.14E-05	35	NEDD4L	Immune-B cells

2.67E-17	0.50876538	0.541	0.142	9.01E-13	35	SRGN	Immune-B cells
1.95E-09	0.50767005	0.869	0.544	6.57E-05	35	ZFP36L1	Immune-B cells
1.56E-08	0.50543823	0.41	0.155	0.00053	35	11-553L6	Immune-B cells
5.24E-09	0.50255753	0.525	0.22	0.00018	35	TSPYL1	Immune-B cells
2.30E-11	0.50041693	0.295	0.075	7.76E-07	35	DDX3Y	Immune-B cells
9.76E-08	0.49890384	0.459	0.2	0.00329	35	MAT2A	Immune-B cells
4.52E-07	0.49657698	0.607	0.317	0.01522	35	CAMTA1	Immune-B cells
5.32E-11	0.49516873	0.393	0.124	1.79E-06	35	MED13L	Immune-B cells
4.12E-13	0.49417957	0.41	0.115	1.39E-08	35	THSD7A	Immune-B cells
2.27E-13	0.49393951	0.361	0.091	7.65E-09	35	PMAIP1	Immune-B cells
1.35E-09	0.49341621	0.344	0.107	4.56E-05	35	PLEKHA2	Immune-B cells
7.42E-21	0.49298822	0.311	0.049	2.50E-16	35	CD93	Immune-B cells
6.06E-09	0.48558212	0.787	0.405	0.0002	35	TSC22D1	Immune-B cells
1.47E-09	0.48267267	0.443	0.164	4.95E-05	35	SYNCRIP	Immune-B cells
2.66E-09	0.48107811	0.262	0.069	8.95E-05	35	PHKG1	Immune-B cells
2.73E-11	0.48094299	0.82	0.388	9.19E-07	35	SRSF3	Immune-B cells
1.08E-07	0.48079475	0.377	0.145	0.00364	35	RBM5	Immune-B cells
1.68E-10	0.475981	0.738	0.344	5.65E-06	35	UBE2D3	Immune-B cells
7.54E-09	0.47397395	0.361	0.124	0.00025	35	CSNK1E	Immune-B cells
2.70E-07	0.47368216	0.377	0.146	0.0091	35	RCAN1	Immune-B cells
1.09E-15	0.47323958	0.311	0.062	3.69E-11	35	SERPINE2	Immune-B cells
5.09E-09	0.4729164	0.279	0.079	0.00017	35	ARRDC4	Immune-B cells
1.90E-07	0.47204368	0.344	0.13	0.00639	35	TOB2	Immune-B cells
2.63E-17	0.47197784	0.377	0.079	8.86E-13	35	CAV1	Immune-B cells
1.00E-10	0.4717	0.672	0.283	3.39E-06	35	NUDT4	Immune-B cells
3.10E-07	0.4689827	0.557	0.277	0.01044	35	HNRNPD	Immune-B cells
5.05E-10	0.46766581	0.41	0.138	1.70E-05	35	STOM	Immune-B cells
1.58E-31	0.46675124	0.738	0.152	5.31E-27	35	STC1	Immune-B cells
3.39E-08	0.46611623	0.311	0.103	0.00114	35	TNFRSF1A	Immune-B cells
3.94E-13	0.46561448	0.262	0.053	1.33E-08	35	GATA2	Immune-B cells
1.07E-07	0.46459823	0.475	0.209	0.0036	35	METTL9	Immune-B cells
3.53E-07	0.4638881	0.492	0.224	0.0119	35	MDM4	Immune-B cells
4.04E-08	0.46182482	0.639	0.312	0.00136	35	NFKBIA	Immune-B cells
2.28E-06	0.45905372	0.393	0.175	0.07677	35	SMARCA2	Immune-B cells
1.13E-08	0.4588276	0.492	0.19	0.00038	35	GATM	Immune-B cells
9.55E-07	0.45869828	0.459	0.213	0.03217	35	Mar-19	Immune-B cells
7.74E-08	0.4534951	0.492	0.217	0.00261	35	JADE1	Immune-B cells
1.16E-06	0.44950405	0.492	0.228	0.03918	35	NR4A1	Immune-B cells
5.77E-12	0.44911185	0.311	0.078	1.94E-07	35	ERF	Immune-B cells
8.21E-11	0.44707817	0.639	0.253	2.77E-06	35	SCIN	Immune-B cells
9.67E-10	0.44700103	0.344	0.107	3.26E-05	35	C-444N24	Immune-B cells
9.16E-09	0.44580606	0.656	0.31	0.00031	35	TRA2A	Immune-B cells
1.22E-14	0.44502493	1	0.922	4.11E-10	35	EEF1A1	Immune-B cells
3.73E-12	0.44419934	0.639	0.232	1.26E-07	35	CA2	Immune-B cells
1.68E-07	0.44068878	0.426	0.177	0.00566	35	Sep-19	Immune-B cells
3.66E-11	0.44048081	0.508	0.182	1.23E-06	35	C5orf24	Immune-B cells
0.0002022	0.44019804	0.311	0.154	1	35	RNF5	Immune-B cells
2.26E-09	0.44000711	0.426	0.156	7.60E-05	35	CGGBP1	Immune-B cells

3.68E-08	0.4399503	0.836	0.503	0.00124	35	YBX1	Immune-B cells
5.91E-07	0.43927224	0.311	0.113	0.01992	35	TRIB1	Immune-B cells
1.07E-10	0.43765895	0.262	0.063	3.60E-06	35	RNF150	Immune-B cells
4.91E-07	0.43456313	0.311	0.114	0.01655	35	PPM1A	Immune-B cells
3.69E-12	0.43417471	0.262	0.057	1.24E-07	35	NOTCH3	Immune-B cells
3.25E-09	0.43366111	0.623	0.275	0.00011	35	PTP4A2	Immune-B cells
1.93E-07	0.43308154	0.59	0.284	0.00649	35	ASAH1	Immune-B cells
4.39E-09	0.42967854	0.836	0.411	0.00015	35	CYB5A	Immune-B cells
2.94E-09	0.42966955	0.59	0.252	9.92E-05	35	RBM47	Immune-B cells
2.15E-15	0.42950466	0.623	0.188	7.25E-11	35	SPARC	Immune-B cells
3.42E-08	0.428379	0.443	0.178	0.00115	35	PAM	Immune-B cells
1.08E-13	0.42820433	0.295	0.064	3.65E-09	35	ABL2	Immune-B cells
5.52E-07	0.4280134	0.574	0.278	0.01859	35	AIF1L	Immune-B cells
2.82E-07	0.42789182	0.508	0.232	0.0095	35	AMD1	Immune-B cells
1.13E-06	0.42703994	0.77	0.44	0.03818	35	NPM1	Immune-B cells
7.97E-08	0.42539711	0.754	0.418	0.00268	35	PPP1CB	Immune-B cells
7.84E-10	0.42526858	0.295	0.081	2.64E-05	35	ARG2	Immune-B cells
2.80E-09	0.4240366	0.754	0.382	9.42E-05	35	ZFAND5	Immune-B cells
6.34E-07	0.42260575	0.492	0.23	0.02137	35	HEBP2	Immune-B cells
4.68E-07	0.42229057	0.262	0.085	0.01577	35	TGFBR1	Immune-B cells
4.52E-07	0.4199365	0.328	0.122	0.01524	35	CRIPT	Immune-B cells
1.23E-08	0.41839721	0.311	0.098	0.00041	35	IRS2	Immune-B cells
1.34E-10	0.41797264	0.41	0.131	4.50E-06	35	MYO1B	Immune-B cells
1.84E-08	0.41749123	0.262	0.075	0.00062	35	SOCS1	Immune-B cells
2.11E-07	0.41692346	0.41	0.166	0.00711	35	RAB21	Immune-B cells
7.09E-07	0.41546441	0.59	0.309	0.02389	35	SRSF2	Immune-B cells
1.55E-08	0.41196679	0.459	0.18	0.00052	35	CDKN1A	Immune-B cells
9.20E-10	0.41186613	0.344	0.104	3.10E-05	35	LBH	Immune-B cells
2.93E-14	0.40995723	0.328	0.074	9.87E-10	35	TLE1	Immune-B cells
4.95E-07	0.40917965	0.508	0.227	0.01667	35	MECOM	Immune-B cells
2.79E-08	0.40883157	0.459	0.179	0.00094	35	FKBP5	Immune-B cells
1.00E-07	0.4080368	0.377	0.144	0.00338	35	TNS1	Immune-B cells
3.23E-07	0.40789443	0.59	0.283	0.01089	35	IVNS1ABP	Immune-B cells
7.08E-08	0.40693242	0.475	0.198	0.00239	35	INSR	Immune-B cells
6.06E-07	0.40616078	0.475	0.217	0.02041	35	GSN	Immune-B cells
7.76E-12	0.40596335	1	0.809	2.62E-07	35	TMSB4X	Immune-B cells
5.21E-09	0.40398313	0.41	0.142	0.00018	35	EPAS1	Immune-B cells
1.96E-06	0.40241415	0.492	0.241	0.06608	35	TCEB1	Immune-B cells
1.52E-11	0.40227001	0.393	0.114	5.11E-07	35	JAG1	Immune-B cells
4.74E-07	0.40117606	0.328	0.121	0.01595	35	ABHD2	Immune-B cells
1.62E-07	0.40105503	0.639	0.321	0.00547	35	PRKAR1A	Immune-B cells
1.92E-06	0.40033866	0.279	0.101	0.0646	35	IR4435-2H	Immune-B cells
3.27E-07	0.40018835	0.443	0.189	0.01102	35	ARHGAP24	Immune-B cells
1.77E-06	0.39998531	0.607	0.316	0.05973	35	SRP9	Immune-B cells
2.35E-11	0.39924251	0.311	0.079	7.92E-07	35	ANK2	Immune-B cells
1.50E-13	0.39886112	0.41	0.106	5.06E-09	35	A2M	Immune-B cells
2.50E-06	0.39790019	0.279	0.101	0.08419	35	UBE2W	Immune-B cells
1.15E-07	0.39633643	0.738	0.391	0.00389	35	ARL6IP1	Immune-B cells

0.0005064	0.39567575	0.295	0.147	1	35	STK24	Immune-B cells
1.02E-07	0.39520167	0.344	0.127	0.00344	35	CCNDBP1	Immune-B cells
2.42E-06	0.39496705	0.803	0.509	0.08161	35	DDX17	Immune-B cells
9.55E-08	0.39326141	0.262	0.08	0.00322	35	PMEPA1	Immune-B cells
1.82E-05	0.3929045	0.279	0.111	0.61469	35	DCUN1D1	Immune-B cells
1.48E-05	0.39256691	0.279	0.111	0.49764	35	SPPL3	Immune-B cells
2.37E-08	0.39241503	0.361	0.127	0.0008	35	PKD2	Immune-B cells
2.98E-06	0.39178598	0.393	0.174	0.10045	35	GLRX5	Immune-B cells
8.32E-08	0.39042109	0.377	0.139	0.0028	35	PDE1A	Immune-B cells
1.28E-06	0.38891123	0.525	0.236	0.04321	35	APOE	Immune-B cells
1.35E-07	0.3868123	0.262	0.081	0.00454	35	SLC11A2	Immune-B cells
1.50E-08	0.38384004	0.393	0.139	0.0005	35	MYLK	Immune-B cells
1.99E-06	0.38224316	0.393	0.171	0.06691	35	TMEM245	Immune-B cells
6.10E-06	0.38092882	0.311	0.126	0.20549	35	ATP2A2	Immune-B cells
4.55E-06	0.37915799	0.262	0.096	0.15337	35	EIF1AY	Immune-B cells
3.85E-08	0.37729711	0.393	0.141	0.0013	35	SMIM22	Immune-B cells
5.46E-06	0.37593342	0.443	0.206	0.18408	35	NFIB	Immune-B cells
1.03E-08	0.3755882	0.59	0.263	0.00035	35	SF1	Immune-B cells
2.57E-06	0.37545147	0.59	0.303	0.0865	35	Sep-19	Immune-B cells
2.47E-06	0.37510918	0.557	0.29	0.08331	35	EIF4B	Immune-B cells
3.00E-10	0.37450274	0.279	0.071	1.01E-05	35	11-382A2	Immune-B cells
1.18E-06	0.37310648	0.443	0.2	0.03991	35	MTPN	Immune-B cells
6.12E-07	0.37268964	0.639	0.306	0.02061	35	VIM	Immune-B cells
7.75E-07	0.37259512	0.295	0.103	0.02612	35	NTRK2	Immune-B cells
5.28E-06	0.37205587	0.672	0.37	0.17799	35	CNN3	Immune-B cells
5.08E-05	0.37148369	0.59	0.338	1	35	SLC25A5	Immune-B cells
1.21E-06	0.37116947	0.689	0.383	0.04079	35	ITGB1	Immune-B cells
1.69E-06	0.37062349	0.426	0.192	0.05682	35	LAPTM4B	Immune-B cells
0.0002385	0.37049272	0.311	0.151	1	35	FAM127A	Immune-B cells
7.33E-06	0.36997161	0.377	0.168	0.24704	35	MAPK1IP1	Immune-B cells
4.33E-07	0.36756235	0.279	0.093	0.01459	35	CCNY	Immune-B cells
5.07E-08	0.36667552	0.984	0.809	0.00171	35	ACTB	Immune-B cells
2.81E-06	0.36390433	0.311	0.12	0.09469	35	PTPRF	Immune-B cells
1.54E-06	0.36346814	0.262	0.091	0.05197	35	SAV1	Immune-B cells
5.43E-24	0.36335782	0.738	0.185	1.83E-19	35	MGP	Immune-B cells
2.95E-06	0.36276314	0.656	0.35	0.09955	35	GABARAPL	Immune-B cells
7.01E-10	0.36272805	0.262	0.067	2.36E-05	35	MAFK	Immune-B cells
2.65E-08	0.36243774	0.459	0.177	0.00089	35	KLF4	Immune-B cells
1.87E-27	0.36004187	0.574	0.112	6.31E-23	35	TAGLN	Immune-B cells
9.44E-07	0.35980536	0.426	0.182	0.03179	35	CTSH	Immune-B cells
9.87E-05	0.35754306	0.344	0.168	1	35	RAB6A	Immune-B cells
2.55E-06	0.35723322	0.393	0.172	0.08597	35	CAT	Immune-B cells
1.27E-05	0.3567035	0.328	0.14	0.42959	35	VCL	Immune-B cells
3.67E-06	0.35629401	0.77	0.443	0.1235	35	SRSF5	Immune-B cells
9.37E-05	0.3559475	0.623	0.366	1	35	SPINT2	Immune-B cells
2.30E-05	0.35588171	0.574	0.325	0.77388	35	GLS	Immune-B cells
4.24E-07	0.35578406	0.279	0.093	0.0143	35	IER5L	Immune-B cells
3.95E-07	0.35343768	0.426	0.18	0.01332	35	TMEM141	Immune-B cells

7.08E-07	0.3532191	0.443	0.188	0.02387	35	PLS3	Immune-B cells
4.93E-05	0.35316419	0.279	0.118	1	35	KDSR	Immune-B cells
3.20E-09	0.35304602	0.328	0.1	0.00011	35	CMTM4	Immune-B cells
1.47E-07	0.35093766	0.295	0.098	0.00495	35	DAPK1	Immune-B cells
0.000684	0.35071944	0.557	0.34	1	35	SAP18	Immune-B cells
1.03E-08	0.35066057	0.475	0.176	0.00035	35	PTGER3	Immune-B cells
8.10E-11	0.35045825	0.279	0.068	2.73E-06	35	ADAMTS9	Immune-B cells
4.29E-07	0.3503581	0.475	0.212	0.01444	35	YPEL5	Immune-B cells
0.0002599	0.34896768	0.344	0.173	1	35	YWHAG	Immune-B cells
1.95E-06	0.34638518	0.377	0.158	0.0658	35	CAMLG	Immune-B cells
2.85E-06	0.34587079	0.492	0.241	0.09603	35	C7orf73	Immune-B cells
2.66E-05	0.34495408	0.475	0.248	0.89794	35	MPC1	Immune-B cells
0.0004291	0.34440452	0.328	0.169	1	35	LMO7	Immune-B cells
9.90E-07	0.34398247	0.262	0.085	0.03337	35	SH3BP5	Immune-B cells
3.45E-06	0.34395532	0.557	0.287	0.11612	35	MORF4L2	Immune-B cells
2.04E-06	0.34302854	0.525	0.257	0.06865	35	Sep-19	Immune-B cells
8.20E-08	0.34301905	0.262	0.075	0.00276	35	EGF	Immune-B cells
0.0004875	0.34234182	0.279	0.135	1	35	ATP2C1	Immune-B cells
9.61E-08	0.34145333	0.328	0.113	0.00324	35	YPEL2	Immune-B cells
8.73E-07	0.33923534	0.311	0.114	0.0294	35	RAP1B	Immune-B cells
1.25E-05	0.33685974	0.279	0.109	0.42132	35	PTPN12	Immune-B cells
1.02E-05	0.33627935	0.311	0.128	0.34237	35	TINAGL1	Immune-B cells
3.36E-05	0.33614333	0.311	0.135	1	35	PRRC2B	Immune-B cells
1.67E-05	0.33588454	0.295	0.119	0.56211	35	MAN2A1	Immune-B cells
0.0003307	0.33588453	0.361	0.186	1	35	PLSCR1	Immune-B cells
4.49E-07	0.33582381	0.443	0.188	0.01512	35	EIF2S3	Immune-B cells
4.94E-07	0.33529398	0.311	0.11	0.01665	35	FAM171A1	Immune-B cells
6.22E-06	0.33512555	0.328	0.133	0.20949	35	ADD1	Immune-B cells
3.15E-07	0.33469519	0.541	0.248	0.01062	35	ARID5B	Immune-B cells
4.18E-06	0.33439434	0.738	0.395	0.14088	35	PRDX5	Immune-B cells
1.02E-07	0.33389428	0.377	0.141	0.00344	35	PIM3	Immune-B cells
4.76E-06	0.33246328	0.525	0.262	0.16044	35	BRD2	Immune-B cells
0.0001968	0.33192704	0.77	0.533	1	35	APP	Immune-B cells
1.86E-06	0.33144583	0.525	0.236	0.06256	35	HSD11B2	Immune-B cells
0.0001035	0.33143343	0.443	0.238	1	35	ACTR2	Immune-B cells
1.86E-05	0.32952733	0.311	0.129	0.62763	35	ARID1A	Immune-B cells
9.19E-05	0.32924439	0.279	0.121	1	35	MYLIP	Immune-B cells
1.05E-07	0.32871267	0.344	0.124	0.00353	35	VEZF1	Immune-B cells
2.98E-07	0.3284183	1	0.789	0.01005	35	TPT1	Immune-B cells
4.47E-05	0.32618968	0.656	0.383	1	35	NAP1L1	Immune-B cells
2.26E-05	0.32597482	0.787	0.477	0.76067	35	APLP2	Immune-B cells
4.43E-07	0.32551165	1	0.893	0.01494	35	NEAT1	Immune-B cells
0.0010813	0.32497241	0.377	0.215	1	35	HADHB	Immune-B cells
5.30E-07	0.32404796	0.344	0.129	0.01785	35	UTRN	Immune-B cells
2.50E-06	0.32355108	0.262	0.09	0.08409	35	ANKRD28	Immune-B cells
2.66E-06	0.32343376	0.361	0.148	0.0896	35	HIPK3	Immune-B cells
7.87E-07	0.32303897	0.803	0.448	0.0265	35	EIF4A2	Immune-B cells
1.23E-06	0.32277475	0.492	0.227	0.04143	35	RTN3	Immune-B cells

1.45E-06	0.3215252	0.803	0.482	0.04887	35	CDC42	Immune-B cells
0.0001437	0.32065488	0.377	0.191	1	35	TAF7	Immune-B cells
0.0014528	0.31988509	0.41	0.24	1	35	C6orf48	Immune-B cells
3.08E-06	0.31947279	0.607	0.302	0.10378	35	HSPH1	Immune-B cells
7.68E-05	0.31846387	0.803	0.497	1	35	HNRNPA1	Immune-B cells
2.62E-05	0.31836906	0.344	0.152	0.88358	35	WEE1	Immune-B cells
7.05E-16	0.31803162	0.344	0.071	2.38E-11	35	ACTA2	Immune-B cells
0.0003054	0.31799042	0.344	0.169	1	35	KCNJ1	Immune-B cells
1.79E-09	0.31766484	0.262	0.067	6.02E-05	35	BHMT	Immune-B cells
5.49E-05	0.31760113	0.492	0.264	1	35	STAT3	Immune-B cells
0.0001241	0.31756337	0.328	0.152	1	35	KCTD12	Immune-B cells
0.0001519	0.3168101	0.82	0.552	1	35	DDX5	Immune-B cells
0.0001503	0.3163763	0.377	0.192	1	35	GTF2A2	Immune-B cells
7.12E-06	0.31581993	0.344	0.144	0.23984	35	PCF11	Immune-B cells
2.29E-06	0.31487773	0.459	0.208	0.07723	35	IRF2BP2	Immune-B cells
1.85E-08	0.31472379	0.492	0.192	0.00062	35	ID1	Immune-B cells
0.0003459	0.31456458	0.344	0.179	1	35	FGD5-AS1	Immune-B cells
9.96E-05	0.31445306	0.639	0.383	1	35	EIF4G2	Immune-B cells
0.0001694	0.31430167	0.262	0.113	1	35	VMA21	Immune-B cells
0.000442	0.31370542	0.361	0.195	1	35	HNRNPH3	Immune-B cells
3.00E-06	0.31366724	0.393	0.169	0.10093	35	MTURN	Immune-B cells
5.07E-17	0.31342548	0.295	0.051	1.71E-12	35	CLDN5	Immune-B cells
4.34E-08	0.31149632	0.492	0.197	0.00146	35	THBS1	Immune-B cells
3.21E-09	0.31092077	0.344	0.101	0.00011	35	HMGCS2	Immune-B cells
0.0001611	0.30993851	0.59	0.354	1	35	VAMP2	Immune-B cells
0.000148	0.30980855	0.475	0.261	1	35	SRSF7	Immune-B cells
0.000462	0.30978392	0.426	0.235	1	35	FOXP1	Immune-B cells
0.0001114	0.30975386	0.508	0.285	1	35	COX7A2L	Immune-B cells
6.30E-10	0.309598	0.311	0.085	2.12E-05	35	HES4	Immune-B cells
1.71E-05	0.30907081	0.377	0.172	0.57649	35	IDS	Immune-B cells
6.78E-07	0.30762619	0.475	0.209	0.02283	35	EIF5A	Immune-B cells
2.85E-06	0.30738735	0.262	0.092	0.09607	35	FBXL3	Immune-B cells
0.0007289	0.30646628	0.311	0.158	1	35	RAB5B	Immune-B cells
4.77E-07	0.3057035	0.59	0.286	0.01606	35	RBM25	Immune-B cells
5.02E-06	0.30482399	0.525	0.263	0.16923	35	SRSF9	Immune-B cells
2.90E-07	0.30457448	0.295	0.1	0.00977	35	DUSP3	Immune-B cells
0.0002037	0.3038393	0.82	0.567	1	35	CIRBP	Immune-B cells
0.0002691	0.3035001	0.41	0.213	1	35	C8orf4	Immune-B cells
5.29E-05	0.30328555	0.328	0.145	1	35	LINC00152	Immune-B cells
1.29E-05	0.30318018	0.443	0.216	0.43624	35	LMAN1	Immune-B cells
9.65E-06	0.30236568	0.492	0.245	0.32502	35	PFN2	Immune-B cells
0.0001042	0.30231573	0.508	0.278	1	35	ANAPC11	Immune-B cells
0.0041212	0.30179032	0.279	0.151	1	35	CYS1	Immune-B cells
0.0001104	0.30150788	0.82	0.55	1	35	UQCRH	Immune-B cells
4.26E-05	0.30102198	0.459	0.233	1	35	ARPC5	Immune-B cells
0.0011565	0.30092481	0.361	0.206	1	35	CTNNA1	Immune-B cells
3.03E-06	0.30078468	0.557	0.277	0.10211	35	RALBP1	Immune-B cells
4.57E-05	0.300635	0.311	0.133	1	35	CCND1	Immune-B cells

5.92E-05	0.30018619	0.262	0.107	1	35	BRWD1	Immune-B cells
8.16E-06	0.29966983	0.525	0.268	0.27485	35	EIF5	Immune-B cells
0.0041469	0.29801121	0.361	0.218	1	35	AK3	Immune-B cells
0.0001254	0.2979931	0.295	0.133	1	35	CBX6	Immune-B cells
4.16E-05	0.29787243	0.393	0.19	1	35	FAM120A	Immune-B cells
0.0003736	0.29645892	0.361	0.183	1	35	CDC42SE2	Immune-B cells
6.46E-06	0.29595428	0.377	0.162	0.21777	35	QKI	Immune-B cells
0.0012448	0.29595246	0.377	0.212	1	35	CAPZB	Immune-B cells
0.0002207	0.29549572	0.361	0.184	1	35	AFF4	Immune-B cells
4.02E-16	0.29481493	0.295	0.053	1.35E-11	35	MYH11	Immune-B cells
6.79E-05	0.29401161	0.59	0.336	1	35	HNRNPU	Immune-B cells
4.81E-06	0.29380365	0.393	0.173	0.16194	35	HNRNPH2	Immune-B cells
2.64E-06	0.29324982	0.967	0.638	0.08909	35	TXNIP	Immune-B cells
3.55E-05	0.29321188	0.623	0.361	1	35	HNRNPA3	Immune-B cells
8.86E-06	0.29318055	0.459	0.22	0.29858	35	HNRNPF	Immune-B cells
0.0001008	0.29252115	0.344	0.162	1	35	CREM	Immune-B cells
0.0002415	0.29220426	0.262	0.114	1	35	PTPN13	Immune-B cells
3.21E-06	0.29137274	0.279	0.099	0.10808	35	CADPS2	Immune-B cells
0.0006153	0.29126886	0.607	0.385	1	35	EID1	Immune-B cells
3.16E-06	0.29124219	0.295	0.11	0.10635	35	NAA50	Immune-B cells
1.18E-06	0.29089807	0.607	0.298	0.03976	35	HIF1A	Immune-B cells
7.52E-05	0.29068327	0.295	0.128	1	35	COPA	Immune-B cells
0.0005875	0.29058742	0.311	0.158	1	35	NAA20	Immune-B cells
0.0004195	0.28979939	0.311	0.15	1	35	YAP1	Immune-B cells
0.0002957	0.28951789	0.262	0.116	1	35	PDXDC1	Immune-B cells
0.0006947	0.28734806	0.279	0.135	1	35	SMAD2	Immune-B cells
0.000135	0.28695954	0.607	0.351	1	35	ATP6V1F	Immune-B cells
1.42E-05	0.286594	0.295	0.118	0.47898	35	CAB39	Immune-B cells
1.60E-05	0.28612682	0.459	0.22	0.53863	35	RHOBTB3	Immune-B cells
0.0007161	0.28594124	0.59	0.379	1	35	MYEOV2	Immune-B cells
1.04E-05	0.28560502	0.262	0.096	0.35153	35	MYH10	Immune-B cells
0.0007712	0.28506076	0.361	0.195	1	35	NCOA7	Immune-B cells
0.0002856	0.28438904	0.328	0.162	1	35	CREBRF	Immune-B cells
3.74E-06	0.28422318	0.262	0.093	0.12597	35	TOM1L1	Immune-B cells
3.91E-05	0.28380044	0.311	0.135	1	35	DDB1	Immune-B cells
3.77E-06	0.28222309	0.852	0.498	0.12689	35	NUCKS1	Immune-B cells
1.28E-05	0.28182965	0.311	0.127	0.43031	35	ZNF664	Immune-B cells
0.000153	0.28116932	0.262	0.113	1	35	LARP1	Immune-B cells
6.00E-06	0.28101561	0.574	0.293	0.20219	35	GLUL	Immune-B cells
4.43E-05	0.28072	0.311	0.133	1	35	EPS8	Immune-B cells
5.08E-05	0.28006884	0.508	0.262	1	35	ARHGAP29	Immune-B cells
1.77E-08	0.27994442	0.262	0.074	0.0006	35	VASN	Immune-B cells
0.0018937	0.2780872	0.59	0.396	1	35	DAZAP2	Immune-B cells
9.95E-05	0.27743174	0.295	0.126	1	35	TBC1D9	Immune-B cells
0.0008225	0.27718158	0.279	0.135	1	35	ZNF518A	Immune-B cells
0.000675	0.27691043	0.279	0.135	1	35	COL6A1	Immune-B cells
0.0001776	0.2761493	0.525	0.302	1	35	CD81	Immune-B cells
0.0001081	0.27589762	0.311	0.141	1	35	USP22	Immune-B cells

1.19E-05	0.27587971	0.607	0.324	0.40256	35	PNRC1	Immune-B cells
0.000689	0.27472588	0.689	0.451	1	35	HIST1H4C	Immune-B cells
2.24E-05	0.27461841	0.623	0.337	0.7563	35	C4orf3	Immune-B cells
6.20E-06	0.27461721	0.328	0.134	0.20904	35	UNC50	Immune-B cells
5.31E-05	0.27411931	0.262	0.105	1	35	PDLIM1	Immune-B cells
3.29E-05	0.27396884	0.721	0.408	1	35	CYSTM1	Immune-B cells
0.0003109	0.27211648	0.262	0.118	1	35	EPN1	Immune-B cells
5.09E-05	0.27135636	0.328	0.143	1	35	PTRF	Immune-B cells
2.75E-05	0.27014095	0.393	0.183	0.9275	35	TOP1	Immune-B cells
0.0003468	0.26847078	0.508	0.291	1	35	PABPN1	Immune-B cells
0.0007302	0.26836651	0.279	0.135	1	35	CAND1	Immune-B cells
6.77E-05	0.26711549	0.492	0.26	1	35	CD46	Immune-B cells
0.0030251	0.2662793	0.41	0.249	1	35	NDUFAB1	Immune-B cells
0.0015181	0.26546589	0.393	0.225	1	35	GADD45A	Immune-B cells
0.0099759	0.26523926	0.262	0.154	1	35	MRPL18	Immune-B cells
0.0001882	0.26493794	0.443	0.236	1	35	HNRNPA0	Immune-B cells
3.56E-07	0.26474574	0.279	0.088	0.01199	35	BGN	Immune-B cells
8.44E-05	0.26468841	0.803	0.517	1	35	WSB1	Immune-B cells
0.0002465	0.26461504	0.361	0.179	1	35	CAPZA1	Immune-B cells
5.70E-05	0.26454718	0.459	0.237	1	35	ATRX	Immune-B cells
0.0021901	0.26445872	0.262	0.133	1	35	FEZ2	Immune-B cells
2.86E-05	0.26445136	0.475	0.243	0.96531	35	AHCYL1	Immune-B cells
0.0017499	0.26351197	0.311	0.167	1	35	C16orf72	Immune-B cells
0.000723	0.26349473	0.295	0.145	1	35	RNF11	Immune-B cells
9.11E-05	0.2630914	0.311	0.139	1	35	DHX15	Immune-B cells
7.54E-06	0.26298974	0.41	0.183	0.25392	35	STAT1	Immune-B cells
0.0002469	0.26286721	0.967	0.748	1	35	RPL7	Immune-B cells
0.0001752	0.26233387	0.869	0.567	1	35	MORF4L1	Immune-B cells
0.0046931	0.26232826	0.311	0.182	1	35	PSMB5	Immune-B cells
0.0013941	0.26202619	0.361	0.201	1	35	CNDP2	Immune-B cells
0.0037142	0.26165504	0.295	0.162	1	35	MAT2B	Immune-B cells
1.39E-05	0.26056791	0.295	0.118	0.46799	35	IAH1	Immune-B cells
0.0067492	0.26044291	0.361	0.221	1	35	CYC1	Immune-B cells
0.0010492	0.25947274	0.311	0.163	1	35	C7orf50	Immune-B cells
0.0001287	0.25945652	0.803	0.484	1	35	LDHB	Immune-B cells
0.000293	0.25917479	0.361	0.181	1	35	DDIT3	Immune-B cells
2.29E-05	0.25909677	0.607	0.325	0.77315	35	ARF6	Immune-B cells
9.05E-05	0.25902929	0.328	0.149	1	35	PABPC4	Immune-B cells
1.47E-05	0.25885945	0.459	0.218	0.49651	35	CMTM6	Immune-B cells
0.0011297	0.25867708	0.344	0.186	1	35	PNRC2	Immune-B cells
0.004688	0.25867483	0.377	0.233	1	35	SDHC	Immune-B cells
8.96E-07	0.25847662	0.279	0.093	0.03018	35	TBX2	Immune-B cells
0.002004	0.25820156	0.754	0.542	1	35	NRNPA2B	Immune-B cells
4.24E-07	0.25769801	0.574	0.26	0.01428	35	FAM107B	Immune-B cells
0.0055449	0.2576917	0.295	0.169	1	35	SLC25A36	Immune-B cells
0.0005108	0.25766019	0.328	0.164	1	35	PDLIM5	Immune-B cells
0.0016954	0.25546318	0.295	0.155	1	35	GGNBP2	Immune-B cells
3.99E-08	0.2537661	0.262	0.075	0.00134	35	PPP1R12B	Immune-B cells

0.0006718	0.25338055	0.311	0.155	1	35	SUMF2	Immune-B cells
3.13E-05	0.25189077	0.738	0.434	1	35	DNAJB1	Immune-B cells
0.0007948	0.2518548	0.311	0.157	1	35	PTPRG	Immune-B cells
4.03E-05	0.25149669	0.262	0.104	1	35	TRIM8	Immune-B cells
0.0048766	0.25052592	0.443	0.29	1	35	SRRM2	Immune-B cells
0.0002989	0.25010951	0.279	0.127	1	35	LIMS1	Immune-B cells
6.99E-92	6.5148081	0.48	0.026	2.36E-87	36	IGKC	Immune-B cells
4.48E-209	6.49246916	0.44	0.01	##########	36	IGLC2	Immune-B cells
1.59E-246	6.08218174	0.4	0.007	##########	36	IGLC3	Immune-B cells
0	5.52365733	0.6	0.005	0	36	IGHG1	Immune-B cells
0	5.51221574	0.62	0.005	0	36	IGHG3	Immune-B cells
3.60E-135	5.31912173	0.28	0.006	##########	36	IGHM	Immune-B cells
0	5.28256102	0.66	0.007	0	36	JCHAIN	Immune-B cells
0	4.69300059	0.32	0.001	0	36	IGHG2	Immune-B cells
0	4.484633	0.54	0.001	0	36	IGHG4	Immune-B cells
0	2.70442626	0.76	0.002	0	36	MZB1	Immune-B cells
4.65E-32	2.40397955	0.88	0.36	1.57E-27	36	SSR4	Immune-B cells
2.74E-82	1.83632156	0.6	0.046	9.24E-78	36	FKBP11	Immune-B cells
0	1.71645374	0.48	0.001	0	36	TNFRSF17	Immune-B cells
2.42E-19	1.59104025	0.76	0.306	8.14E-15	36	HERPUD1	Immune-B cells
0	1.56354506	0.46	0.005	0	36	DERL3	Immune-B cells
1.03E-15	1.17060214	0.48	0.131	3.48E-11	36	SEC11C	Immune-B cells
7.10E-50	1.10676665	0.36	0.026	2.39E-45	36	ISG20	Immune-B cells
0	1.04696468	0.3	0.001	0	36	FCRL5	Immune-B cells
2.46E-11	0.99619435	0.74	0.368	8.29E-07	36	CYBA	Immune-B cells
3.53E-195	0.9623038	0.34	0.006	##########	36	CD27	Immune-B cells
7.55E-06	0.93418448	0.44	0.22	0.25452	36	XBP1	Immune-B cells
0.0010012	0.88262004	0.5	0.326	1	36	SELK	Immune-B cells
8.57E-08	0.85635315	0.38	0.139	0.00289	36	SDF2L1	Immune-B cells
1.60E-06	0.7986856	0.3	0.107	0.05401	36	PRDX4	Immune-B cells
4.44E-06	0.77406766	0.52	0.291	0.14957	36	VIMP	Immune-B cells
1.15E-08	0.76029676	0.32	0.095	0.00039	36	UBE2J1	Immune-B cells
1.25E-06	0.72987346	0.34	0.129	0.04199	36	MANF	Immune-B cells
0.0006736	0.6225917	0.26	0.119	1	36	NUCB2	Immune-B cells
0.0001727	0.62224733	0.32	0.147	1	36	ERLEC1	Immune-B cells
1.18E-05	0.59162995	0.66	0.454	0.39896	36	HSP90B1	Immune-B cells
4.16E-08	0.57910957	0.38	0.125	0.0014	36	CXCR4	Immune-B cells
0.0004722	0.57645907	0.32	0.157	1	36	SPCS3	Immune-B cells
0.000137	0.55639737	0.3	0.131	1	36	DNAJB9	Immune-B cells
0.0004533	0.54396587	0.26	0.112	1	36	CREB3L2	Immune-B cells
0.005168	0.50124921	0.52	0.393	1	36	SPCS2	Immune-B cells
0.0012674	0.40222845	0.3	0.143	1	36	SRGN	Immune-B cells
0.0006349	0.33066569	0.28	0.122	1	36	BIRC3	Immune-B cells

Mux-Seq markers

p_val	avg_logFC	pct.1	pct.2	p_val_adj	cluster	Gene	Cell type
0	0.61528488	0.485	0.101	0	0	CCL5	TCells
0	0.36909192	0.361	0.093	0	0	CD69	TCells
0	0.25500115	0.269	0.048	0	0	CD3D	TCells
0	0.3826042	0.418	0.115	0	0	CD52	TCells
0	0.22917641	0.169	0.032	0	0	KLRB1	TCells
0	0.42013676	0.488	0.17	0	0	CXCR4	TCells
0	0.38424015	0.43	0.138	0	0	IL32	TCells
0	0.21198794	0.225	0.043	0	0	CD2	TCells
0	0.38229432	0.509	0.234	0	0	BTG1	TCells
1.285E-252	0.28590407	0.223	0.092	2.6E-248	0	CCL4	TCells
0	0.25215529	0.301	0.127	0	0	RGS1	TCells
0	0.32462008	0.571	0.339	0	0	PABPC1	TCells
0	0.47151191	0.985	0.94	0	0	RPS27	TCells
0	0.36138777	0.747	0.576	0	0	RPS15A	TCells
0	0.37131904	0.912	0.839	0	0	RPS29	TCells
0	0.38481933	0.994	0.948	0	0	B2M	TCells
1.049E-235	0.21632102	0.339	0.183	2.1E-231	0	ZFP36L2	TCells
1.174E-277	0.28646049	0.633	0.47	2.4E-273	0	RPS26	TCells
0	0.36254969	1	0.997	0	0	MALAT1	TCells
0	0.34669154	0.944	0.901	0	0	RPL21	TCells
1.275E-246	0.28081806	0.676	0.536	2.6E-242	0	RPL18A	TCells
0	0.31840485	0.868	0.782	0	0	RPL13A	TCells
9.098E-282	0.28046593	0.72	0.572	1.8E-277	0	RPL28	TCells
1.054E-255	0.28603624	0.702	0.573	2.1E-251	0	RPLP2	TCells
0	0.30417245	0.88	0.811	0	0	RPL13	TCells
9.321E-204	0.25962962	0.655	0.53	1.9E-199	0	RPL23A	TCells
4.435E-208	0.25783263	0.67	0.545	9E-204	0	RPS25	TCells
2.735E-174	0.22959193	0.545	0.404	5.5E-170	0	RPS3	TCells
1.198E-303	0.29060543	0.915	0.864	2.4E-299	0	RPL39	TCells
2.572E-228	0.26349674	0.83	0.754	5.2E-224	0	RPL32	TCells
3.567E-284	0.25954458	0.873	0.792	7.2E-280	0	RPS19	TCells
4.244E-233	0.25705701	0.848	0.774	8.6E-229	0	RPL10	TCells
1.024E-150	0.23628683	0.688	0.597	2.1E-146	0	RPS12	TCells
5.547E-153	0.21657255	0.622	0.502	1.1E-148	0	RPL35A	TCells
2.968E-250	0.24660338	0.842	0.774	6E-246	0	RPS15	TCells
2.361E-151	0.22062124	0.807	0.765	4.8E-147	0	RPS27A	TCells
2.745E-178	0.2160401	0.861	0.805	5.5E-174	0	RPS18	TCells
2.637E-176	0.22365807	0.962	0.945	5.3E-172	0	RPL34	TCells
3.366E-206	-0.2679239	0.018	0.148	6.8E-202	0	CXCL2	TCells
1.063E-128	-0.2034876	0.02	0.11	2.1E-124	0	MGP	TCells
1.293E-186	-0.2021983	0.037	0.167	2.6E-182	0	FCER1G	TCells
1.524E-131	-0.2297352	0.024	0.117	3.1E-127	0	CTGF	TCells
7.531E-198	-0.21185	0.04	0.178	1.5E-193	0	CD24	TCells
3.561E-193	-0.2153871	0.039	0.175	7.2E-189	0	HES1	TCells
2.279E-144	-0.3063001	0.022	0.121	4.6E-140	0	IGFBP5	TCells

4.411E-265	-0.2411636	0.056	0.233	8.9E-261	0	NPC2	TCells
1.43E-222	-0.36004	0.029	0.173	2.9E-218	0	LYZ	TCells
0	-0.2767903	0.061	0.267	0	0	IFITM3	TCells
8.548E-264	-0.2603853	0.058	0.237	1.7E-259	0	PSAP	TCells
9.745E-234	-0.3260923	0.038	0.192	2E-229	0	WFDC2	TCells
9.343E-237	-0.3282356	0.038	0.193	1.9E-232	0	DEFB1	TCells
3.962E-208	-0.2124926	0.074	0.232	8E-204	0	HSPB1	TCells
2.643E-229	-0.2740069	0.056	0.215	5.3E-225	0	AIF1	TCells
0	-0.3295503	0.06	0.276	0	0	IGFBP7	TCells
4.588E-195	-0.2490873	0.062	0.205	9.3E-191	0	TYROBP	TCells
0	-0.3389631	0.071	0.312	0	0	CST3	TCells
4.451E-244	-0.3440887	0.048	0.212	9E-240	0	CLU	TCells
7.544E-109	-0.2330076	0.047	0.137	1.5E-104	0	C1QA	TCells
3.228E-199	-0.2131477	0.098	0.258	6.5E-195	0	DSTN	TCells
2.707E-190	-0.2380423	0.077	0.225	5.5E-186	0	CTSD	TCells
2.165E-233	-0.2855565	0.069	0.235	4.4E-229	0	FXYD2	TCells
4.475E-141	-0.2860575	0.046	0.156	9E-137	0	TIMP1	TCells
1.097E-304	-0.4146084	0.056	0.25	2.2E-300	0	ADIRF	TCells
7.036E-303	-0.3883147	0.062	0.259	1.4E-298	0	ATP1B1	TCells
3.384E-159	-0.2013614	0.131	0.276	6.8E-155	0	VIM	TCells
5.649E-165	-0.2327374	0.123	0.269	1.1E-160	0	HSPA1A	TCells
2.157E-113	-0.2749915	0.068	0.167	4.4E-109	0	APOE	TCells
2.914E-200	-0.2549947	0.135	0.303	5.9E-196	0	EGR1	TCells
7.625E-140	-0.2909133	0.162	0.299	1.5E-135	0	LGALS1	TCells
2.184E-292	-0.3138357	0.226	0.444	4.4E-288	0	ITM2B	TCells
9.8672E-71	-0.2860342	0.118	0.201	1.99E-66	0	MT1X	TCells
0	-0.6026878	0.083	0.297	0	0	SPP1	TCells
2.716E-248	-0.357304	0.253	0.444	5.5E-244	0	SAT1	TCells
1.765E-238	-0.3925694	0.204	0.385	3.6E-234	0	CD74	TCells
1.861E-208	-0.2909113	0.554	0.717	3.8E-204	0	NEAT1	TCells
0	-0.4453353	0.268	0.487	0	0	S100A6	TCells
6.355E-303	-0.6033046	0.155	0.358	1.3E-298	0	HLA-DRA	TCells
3.51E-109	-0.3155194	0.505	0.596	7.1E-105	0	FOS	TCells
2.467E-160	-0.2789946	0.933	0.955	5E-156	0	MT-ND1	TCells
1.275E-121	-0.4077267	0.253	0.375	2.6E-117	0	MT2A	TCells
1.392E-250	-0.438707	0.423	0.592	2.8E-246	0	FTH1	TCells
2.9402E-68	-0.6112502	0.147	0.228	5.94E-64	0	MT1G	TCells
2.257E-153	-0.7050549	0.621	0.717	4.6E-149	0	FTL	TCells
0.00518808	-1.4838242	0.185	0.165	1	0	IGKC	TCells
0	0.84998692	0.625	0.028	0	1	VWF	Endothelial cells
0	0.47012233	0.366	0.012	0	1	ACKR1	Endothelial cells
0	0.90056783	0.673	0.047	0	1	SPARCL1	Endothelial cells
0	0.33210973	0.301	0.011	0	1	COL15A1	Endothelial cells
0	0.25069062	0.18	0.005	0	1	SELE	Endothelial cells
0	0.46976604	0.471	0.028	0	1	HSPG2	Endothelial cells
0	0.46493325	0.4	0.026	0	1	CAV1	Endothelial cells
0	0.33640117	0.272	0.014	0	1	EDN1	Endothelial cells
0	0.23604646	0.24	0.011	0	1	ADGRL4	Endothelial cells

0	0.44446785	0.42	0.037	0	1	TM4SF1	Endothelial cells
0	0.20894908	0.217	0.01	0	1	NUAK1	Endothelial cells
0	0.6781792	0.452	0.069	0	1	CTGF	Endothelial cells
0	0.44270675	0.468	0.051	0	1	GNG11	Endothelial cells
0	0.55899609	0.53	0.076	0	1	IFI27	Endothelial cells
0	0.43563087	0.435	0.05	0	1	A2M	Endothelial cells
0	0.51265068	0.49	0.073	0	1	SPARC	Endothelial cells
0	0.41205521	0.443	0.055	0	1	TCF4	Endothelial cells
0	0.20743986	0.22	0.014	0	1	CALCRL	Endothelial cells
0	0.27848499	0.288	0.025	0	1	EGFL7	Endothelial cells
0	0.20828908	0.224	0.015	0	1	PCAT19	Endothelial cells
0	0.48250429	0.415	0.066	0	1	MGP	Endothelial cells
0	0.24983032	0.138	0.012	0	1	RBP7	Endothelial cells
0	0.34772615	0.328	0.04	0	1	CYR61	Endothelial cells
0	0.27941073	0.312	0.031	0	1	ENG	Endothelial cells
0	0.33572199	0.312	0.038	0	1	SPRY1	Endothelial cells
0	0.26771327	0.242	0.024	0	1	COL4A1	Endothelial cells
0	0.26144726	0.296	0.03	0	1	PECAM1	Endothelial cells
0	0.25716984	0.29	0.029	0	1	CD93	Endothelial cells
0	0.20853861	0.225	0.019	0	1	PRSS23	Endothelial cells
0	0.47932728	0.543	0.113	0	1	FKBP1A	Endothelial cells
0	0.29405553	0.328	0.042	0	1	EPAS1	Endothelial cells
0	0.52194519	0.64	0.197	0	1	IFITM3	Endothelial cells
0	0.53709241	0.644	0.205	0	1	IGFBP7	Endothelial cells
0	0.20690534	0.14	0.018	0	1	CXCL12	Endothelial cells
0	0.20308867	0.242	0.031	0	1	PTRF	Endothelial cells
0	0.33698719	0.332	0.075	0	1	THBS1	Endothelial cells
0	0.2697974	0.327	0.064	0	1	CRIM1	Endothelial cells
0	0.21752382	0.256	0.043	0	1	PRCP	Endothelial cells
0	0.46137122	0.604	0.22	0	1	VIM	Endothelial cells
0	0.24968833	0.313	0.068	0	1	TGFBR2	Endothelial cells
0	0.30591673	0.405	0.109	0	1	CD59	Endothelial cells
0	0.3064916	0.262	0.077	0	1	TIMP3	Endothelial cells
7.896E-189	0.20369063	0.182	0.063	1.6E-184	1	CCL2	Endothelial cells
8.076E-256	0.34480894	0.667	0.451	1.6E-251	1	RPL3	Endothelial cells
8.917E-245	0.348397	0.669	0.46	1.8E-240	1	RPS2	Endothelial cells
0	0.45374995	0.895	0.805	0	1	RPS18	Endothelial cells
2.345E-281	0.3762878	0.772	0.577	4.7E-277	1	RPS6	Endothelial cells
4.562E-271	0.24645943	0.474	0.239	9.2E-267	1	POLR2L	Endothelial cells
5.236E-120	0.2265789	0.239	0.118	1.1E-115	1	CXCL2	Endothelial cells
0	0.40111008	0.886	0.795	0	1	RPS19	Endothelial cells
3.37E-265	0.3218924	0.75	0.547	6.8E-261	1	TPT1	Endothelial cells
6.177E-228	0.22142739	0.432	0.223	1.2E-223	1	MYL12A	Endothelial cells
2.4E-230	0.31560864	0.749	0.569	4.8E-226	1	RPL26	Endothelial cells
3.565E-209	0.26548028	0.618	0.405	7.2E-205	1	RPS3	Endothelial cells
2.78E-180	0.2221406	0.438	0.245	5.6E-176	1	ZFP36	Endothelial cells
3.701E-262	0.31801488	0.815	0.654	7.5E-258	1	RPS28	Endothelial cells
7.701E-160	0.21718896	0.449	0.262	1.6E-155	1	EGR1	Endothelial cells

1.74E-191	0.24744807	0.607	0.407	3.5E-187	1	RPL15	Endothelial cells
2.922E-191	0.26129305	0.738	0.56	5.9E-187	1	RPS23	Endothelial cells
4.467E-166	0.24050971	0.662	0.478	9E-162	1	RPL7	Endothelial cells
1.659E-220	0.28166263	0.853	0.726	3.4E-216	1	EEF1A1	Endothelial cells
3.653E-202	0.25708045	0.796	0.622	7.4E-198	1	RPL36	Endothelial cells
8.003E-172	0.25296264	0.764	0.594	1.6E-167	1	RPS12	Endothelial cells
5.653E-262	0.31462774	0.968	0.945	1.1E-257	1	RPL34	Endothelial cells
6.412E-196	0.26930991	0.86	0.755	1.3E-191	1	RPL32	Endothelial cells
6.965E-153	0.22843925	0.71	0.541	1.4E-148	1	RPL37A	Endothelial cells
4.42E-153	0.20337655	0.641	0.446	8.9E-149	1	RPS17	Endothelial cells
8.433E-156	0.2616185	0.863	0.777	1.7E-151	1	RPL10	Endothelial cells
1.916E-153	0.2422156	0.813	0.681	3.9E-149	1	RPS8	Endothelial cells
3.026E-128	0.20667043	0.605	0.434	6.1E-124	1	RPS4X	Endothelial cells
7.825E-145	0.20100963	0.664	0.477	1.6E-140	1	RPS26	Endothelial cells
1.256E-178	0.24209182	0.902	0.783	2.5E-174	1	TMSB10	Endothelial cells
4.512E-128	0.21697695	0.708	0.552	9.1E-124	1	RPL12	Endothelial cells
7.387E-136	0.21489971	0.747	0.586	1.5E-131	1	RPS15A	Endothelial cells
6.4E-128	0.22672941	0.901	0.87	1.3E-123	1	RPL41	Endothelial cells
2.907E-149	0.21137382	0.913	0.84	5.9E-145	1	PTMA	Endothelial cells
1.257E-118	0.21047572	0.956	0.88	2.5E-114	1	TMSB4X	Endothelial cells
3.17E-134	0.20286988	0.885	0.815	6.4E-130	1	RPL13	Endothelial cells
4.311E-132	-0.2107804	0.026	0.16	8.7E-128	1	FCER1G	Endothelial cells
9.809E-139	-0.2178674	0.029	0.171	2E-134	1	CD24	Endothelial cells
1.0779E-86	-0.2158624	0.023	0.118	2.18E-82	1	CCL3	Endothelial cells
4.887E-168	-0.2747181	0.034	0.199	9.9E-164	1	TYROBP	Endothelial cells
1.509E-111	-0.2087169	0.039	0.164	3E-107	1	RGS1	Endothelial cells
1.368E-174	-0.2871727	0.036	0.208	2.8E-170	1	AIF1	Endothelial cells
2.308E-134	-0.3361458	0.027	0.164	4.7E-130	1	LYZ	Endothelial cells
4.6129E-88	-0.2421694	0.033	0.133	9.32E-84	1	C1QA	Endothelial cells
9.878E-166	-0.2965913	0.054	0.226	2E-161	1	FXYD2	Endothelial cells
2.2E-126	-0.2991715	0.044	0.183	4.4E-122	1	DEFB1	Endothelial cells
6.606E-117	-0.2812753	0.048	0.182	1.3E-112	1	WFDC2	Endothelial cells
3.88E-152	-0.2455946	0.075	0.245	7.8E-148	1	S100A4	Endothelial cells
2.5939E-78	-0.2083179	0.063	0.166	5.24E-74	1	CCL5	Endothelial cells
1.452E-106	-0.2098322	0.092	0.229	2.9E-102	1	CXCR4	Endothelial cells
1.252E-103	-0.2226995	0.084	0.216	2.5E-99	1	CTSD	Endothelial cells
7.2895E-89	-0.2796725	0.053	0.163	1.47E-84	1	APOE	Endothelial cells
4.685E-199	-0.2808432	0.101	0.309	9.5E-195	1	CYBA	Endothelial cells
1.055E-179	-0.3715278	0.062	0.247	2.1E-175	1	ATP1B1	Endothelial cells
4.708E-202	-0.573524	0.081	0.285	9.5E-198	1	SPP1	Endothelial cells
1.254E-153	-0.3535267	0.256	0.432	2.5E-149	1	SAT1	Endothelial cells
2.7639E-83	-0.2524203	0.726	0.799	5.59E-79	1	MT-ND4L	Endothelial cells
2.9204E-65	-0.6072455	0.124	0.226	5.9E-61	1	MT1G	Endothelial cells
1.46E-101	-0.395138	0.494	0.575	2.95E-97	1	FTH1	Endothelial cells
7.496E-200	-0.8147419	0.586	0.714	1.5E-195	1	FTL	Endothelial cells
4.0781E-25	-1.5241584	0.118	0.173	8.24E-21	1	IGKC	Endothelial cells
0	0.86537795	0.426	0.031	0	2	S100A8	Immune/Neutrophils
0	0.51141201	0.373	0.019	0	2	IL1B	Immune/Neutrophils

0	1.04412793	0.696	0.102	0	2	LYZ	Immune/Neutrophils
0	0.62496135	0.49	0.057	0	2	11-1143G9	Immune/Neutrophils
0	0.22195943	0.156	0.007	0	2	EREG	Immune/Neutrophils
0	0.65520805	0.419	0.056	0	2	S100A9	Immune/Neutrophils
0	0.60588677	0.365	0.047	0	2	CXCL8	Immune/Neutrophils
0	0.30486082	0.26	0.026	0	2	VCAN	Immune/Neutrophils
0	0.41468779	0.418	0.058	0	2	LST1	Immune/Neutrophils
0	0.51741085	0.535	0.095	0	2	NAMPT	Immune/Neutrophils
0	0.65322144	0.369	0.085	0	2	CCL3	Immune/Neutrophils
0	0.25484534	0.234	0.022	0	2	BCL2A1	Immune/Neutrophils
0	0.62328913	0.652	0.15	0	2	AIF1	Immune/Neutrophils
0	0.58452867	0.651	0.141	0	2	TYROBP	Immune/Neutrophils
0	0.6048551	0.423	0.102	0	2	CXCL2	Immune/Neutrophils
0	0.39664957	0.27	0.043	0	2	CXCL3	Immune/Neutrophils
0	0.48386517	0.535	0.112	0	2	FCER1G	Immune/Neutrophils
0	0.29120872	0.305	0.042	0	2	MNDA	Immune/Neutrophils
0	0.4197454	0.482	0.098	0	2	CTSS	Immune/Neutrophils
0	0.32943118	0.222	0.038	0	2	CCL3L3	Immune/Neutrophils
0	0.66173111	0.767	0.288	0	2	HLA-DRA	Immune/Neutrophils
0	0.2015176	0.214	0.025	0	2	PLAUR	Immune/Neutrophils
0	0.73468814	0.793	0.35	0	2	DUSP1	Immune/Neutrophils
0	0.59676722	0.692	0.255	0	2	SRGN	Immune/Neutrophils
0	0.68390151	0.812	0.38	0	2	SAT1	Immune/Neutrophils
0	0.24699646	0.278	0.05	0	2	CD83	Immune/Neutrophils
0	0.48524952	0.542	0.192	0	2	NFKBIA	Immune/Neutrophils
0	0.82009697	0.915	0.552	0	2	FOS	Immune/Neutrophils
0	0.22286328	0.253	0.045	0	2	CYBB	Immune/Neutrophils
0	0.34158151	0.406	0.111	0	2	SOD2	Immune/Neutrophils
0	0.34158151	0.406	0.111	0	2	SOD2	Immune/Neutrophils
0	0.27447795	0.308	0.069	0	2	RGS2	Immune/Neutrophils
0	0.74796006	0.879	0.538	0	2	FTH1	Immune/Neutrophils
0	0.45640414	0.602	0.231	0	2	ZFP36	Immune/Neutrophils
0	0.33616634	0.35	0.099	0	2	IER3	Immune/Neutrophils
0	0.28672537	0.246	0.065	0	2	AREG	Immune/Neutrophils
0	0.4117532	0.52	0.203	0	2	S100A4	Immune/Neutrophils
0	0.24486475	0.292	0.07	0	2	MAFB	Immune/Neutrophils
1.778E-306	0.22561947	0.161	0.036	3.6E-302	2	C15orf48	Immune/Neutrophils
0	0.25227027	0.325	0.089	0	2	COTL1	Immune/Neutrophils
0	0.29154511	0.369	0.119	0	2	NR4A2	Immune/Neutrophils
0	0.28335436	0.333	0.111	0	2	SGK1	Immune/Neutrophils
0	0.59940216	0.902	0.674	0	2	NEAT1	Immune/Neutrophils
0	0.26185138	0.349	0.114	0	2	NFKBIZ	Immune/Neutrophils
0	0.35341461	0.563	0.25	0	2	CST3	Immune/Neutrophils
0	0.28657403	0.361	0.13	0	2	TNFAIP3	Immune/Neutrophils
0	0.21391579	0.27	0.073	0	2	KLF4	Immune/Neutrophils
0	0.55579688	0.894	0.635	0	2	ACTB	Immune/Neutrophils
0	0.20665	0.273	0.074	0	2	MS4A6A	Immune/Neutrophils
0	0.54490938	0.95	0.68	0	2	FTL	Immune/Neutrophils

0	0.32541089	0.502	0.215	0	2	SH3BGRL3	Immune/Neutrophils
0	0.34888632	0.479	0.227	0	2	HSPA1A	Immune/Neutrophils
0	0.20472605	0.285	0.085	0	2	TYMP	Immune/Neutrophils
0	0.32539038	0.556	0.265	0	2	CYBA	Immune/Neutrophils
5.545E-267	0.36265642	0.49	0.261	1.1E-262	2	HSPA1B	Immune/Neutrophils
0	0.21855316	0.299	0.098	0	2	SOCS3	Immune/Neutrophils
0	0.33622461	0.642	0.332	0	2	CD74	Immune/Neutrophils
0	0.22080169	0.35	0.129	0	2	GLUL	Immune/Neutrophils
1.831E-286	0.23460217	0.37	0.15	3.7E-282	2	HLA-DPB1	Immune/Neutrophils
9.909E-273	0.28280646	0.484	0.242	2E-268	2	FOSB	Immune/Neutrophils
1.663E-289	0.21485751	0.335	0.128	3.4E-285	2	HLA-DPA1	Immune/Neutrophils
2.787E-295	0.32146149	0.612	0.358	5.6E-291	2	H3F3A	Immune/Neutrophils
4.57E-299	0.30383731	0.625	0.349	9.2E-295	2	PABPC1	Immune/Neutrophils
6.292E-242	0.27792699	0.452	0.234	1.3E-237	2	ZFP36L1	Immune/Neutrophils
1.069E-260	0.2415685	0.406	0.185	2.2E-256	2	GPX1	Immune/Neutrophils
2.422E-222	0.29157049	0.504	0.284	4.9E-218	2	KLF6	Immune/Neutrophils
6.834E-183	0.27517633	0.461	0.262	1.4E-178	2	EGR1	Immune/Neutrophils
1.106E-260	0.23029767	0.44	0.211	2.2E-256	2	OAZ1	Immune/Neutrophils
4.36E-259	0.21496717	0.422	0.191	8.8E-255	2	PSAP	Immune/Neutrophils
4.784E-263	0.23879789	0.51	0.257	9.7E-259	2	LGALS1	Immune/Neutrophils
3.932E-240	0.20022352	0.347	0.152	7.9E-236	2	MCL1	Immune/Neutrophils
6.736E-119	0.21295313	0.215	0.101	1.4E-114	2	CCL4	Immune/Neutrophils
7.371E-206	0.20034551	0.392	0.19	1.5E-201	2	NPC2	Immune/Neutrophils
1.543E-205	0.25805385	0.639	0.413	3.1E-201	2	H3F3B	Immune/Neutrophils
5.468E-158	0.2302117	0.591	0.396	1.1E-153	2	RPS9	Immune/Neutrophils
1.852E-202	0.25822176	0.914	0.782	3.7E-198	2	TMSB10	Immune/Neutrophils
2.098E-113	0.21920904	0.616	0.45	4.2E-109	2	HSP90AA1	Immune/Neutrophils
2.639E-248	0.2673377	0.973	0.878	5.3E-244	2	TMSB4X	Immune/Neutrophils
7.856E-120	0.20732835	0.717	0.551	1.6E-115	2	TPT1	Immune/Neutrophils
1.038E-191	0.24442747	0.938	0.865	2.1E-187	2	RPL39	Immune/Neutrophils
3.133E-112	-0.2014618	0.039	0.169	6.3E-108	2	CD24	Immune/Neutrophils
7.071E-70	-0.2109628	0.026	0.111	1.43E-65	2	CTGF	Immune/Neutrophils
1.194E-124	-0.2995714	0.04	0.182	2.4E-120	2	DEFB1	Immune/Neutrophils
1.476E-127	-0.3084297	0.039	0.182	3E-123	2	WFDC2	Immune/Neutrophils
4.8176E-64	-0.2685355	0.031	0.114	9.74E-60	2	IGFBP5	Immune/Neutrophils
1.164E-191	-0.3208158	0.061	0.262	2.4E-187	2	IGFBP7	Immune/Neutrophils
5.365E-126	-0.2223722	0.09	0.249	1.1E-121	2	DSTN	Immune/Neutrophils
2.146E-130	-0.3195557	0.051	0.201	4.3E-126	2	CLU	Immune/Neutrophils
2.472E-133	-0.2780054	0.067	0.224	5E-129	2	FXYD2	Immune/Neutrophils
3.029E-151	-0.3774987	0.065	0.236	6.1E-147	2	ADIRF	Immune/Neutrophils
6.539E-130	-0.3366305	0.085	0.244	1.3E-125	2	ATP1B1	Immune/Neutrophils
7.1732E-29	-0.2311772	0.13	0.194	1.45E-24	2	MT1X	Immune/Neutrophils
9.536E-114	-0.4329377	0.124	0.279	1.9E-109	2	SPP1	Immune/Neutrophils
2.8454E-54	-0.2005459	0.951	0.952	5.75E-50	2	MT-ND1	Immune/Neutrophils
1.4501E-30	-0.2655114	0.293	0.363	2.93E-26	2	MT2A	Immune/Neutrophils
3.6381E-77	-0.2341491	0.861	0.889	7.35E-73	2	MT-ND5	Immune/Neutrophils
3.3039E-41	-0.2365159	0.781	0.794	6.68E-37	2	MT-ND4L	Immune/Neutrophils
1.403E-188	-0.3388492	1	0.997	2.8E-184	2	MALAT1	Immune/Neutrophils

6.0302E-26	-0.5370871	0.163	0.222	1.22E-21	2	MT1G	Immune/Neutrophils
9.4177E-06	-1.4754639	0.15	0.169	0.190314	2	IGKC	Immune/Neutrophils
0	1.10107687	0.75	0.069	0	3	C1QA	Immune/Monocyte, Macrophages
0	0.92465466	0.67	0.056	0	3	C1QB	Immune/Monocyte, Macrophages
0	0.87678721	0.485	0.045	0	3	APOC1	Immune/Monocyte, Macrophages
0	0.75004903	0.413	0.033	0	3	HMOX1	Immune/Monocyte, Macrophages
0	0.47949509	0.207	0.011	0	3	CCL18	Immune/Monocyte, Macrophages
0	0.60927288	0.486	0.037	0	3	LGMN	Immune/Monocyte, Macrophages
0	0.45352601	0.428	0.025	0	3	C1QC	Immune/Monocyte, Macrophages
0	0.46071004	0.457	0.037	0	3	CD163	Immune/Monocyte, Macrophages
0	0.67869882	0.595	0.082	0	3	CTSB	Immune/Monocyte, Macrophages
0	0.97255259	0.577	0.115	0	3	APOE	Immune/Monocyte, Macrophages
0	0.52497652	0.491	0.054	0	3	CTSZ	Immune/Monocyte, Macrophages
0	0.29048313	0.295	0.018	0	3	MS4A4A	Immune/Monocyte, Macrophages
0	0.26392969	0.245	0.014	0	3	PLTP	Immune/Monocyte, Macrophages
0	0.37501112	0.371	0.032	0	3	CD14	Immune/Monocyte, Macrophages
0	0.62291646	0.513	0.074	0	3	RNASE1	Immune/Monocyte, Macrophages
0	0.41988857	0.381	0.043	0	3	CTSL	Immune/Monocyte, Macrophages
0	0.25625431	0.23	0.016	0	3	F13A1	Immune/Monocyte, Macrophages
0	0.24736134	0.245	0.017	0	3	SDC3	Immune/Monocyte, Macrophages
0	0.44125336	0.464	0.058	0	3	MS4A6A	Immune/Monocyte, Macrophages
0	0.59467146	0.602	0.108	0	3	FCER1G	Immune/Monocyte, Macrophages
0	1.07751146	0.864	0.282	0	3	HLA-DRA	Immune/Monocyte, Macrophages
0	0.76563714	0.715	0.166	0	3	PSAP	Immune/Monocyte, Macrophages
0	0.6634707	0.677	0.141	0	3	TYROBP	Immune/Monocyte, Macrophages
0	0.34009309	0.346	0.037	0	3	STAB1	Immune/Monocyte, Macrophages
0	0.31485011	0.32	0.032	0	3	CFD	Immune/Monocyte, Macrophages
0	0.58388644	0.58	0.11	0	3	GLUL	Immune/Monocyte, Macrophages
0	0.33546459	0.253	0.029	0	3	SLC40A1	Immune/Monocyte, Macrophages
0	0.26671638	0.241	0.022	0	3	GPNMB	Immune/Monocyte, Macrophages
0	0.48520557	0.536	0.095	0	3	CTSS	Immune/Monocyte, Macrophages
0	0.2866605	0.314	0.033	0	3	FCGR3A	Immune/Monocyte, Macrophages
0	0.61375969	0.662	0.151	0	3	AIF1	Immune/Monocyte, Macrophages
0	0.69829607	0.628	0.167	0	3	CTSD	Immune/Monocyte, Macrophages
0	1.79233714	0.99	0.677	0	3	FTL	Immune/Monocyte, Macrophages
0	0.21914246	0.236	0.02	0	3	FPR3	Immune/Monocyte, Macrophages
0	0.30303973	0.289	0.035	0	3	MSR1	Immune/Monocyte, Macrophages
0	0.61953496	0.668	0.167	0	3	NPC2	Immune/Monocyte, Macrophages
0	0.5154211	0.426	0.091	0	3	SEPP1	Immune/Monocyte, Macrophages
0	0.30663959	0.322	0.043	0	3	LIPA	Immune/Monocyte, Macrophages
0	0.23788728	0.16	0.017	0	3	CXCL9	Immune/Monocyte, Macrophages
0	0.54963608	0.496	0.122	0	3	LYZ	Immune/Monocyte, Macrophages
0	0.85515839	0.815	0.318	0	3	CD74	Immune/Monocyte, Macrophages
0	0.33427028	0.377	0.06	0	3	GRN	Immune/Monocyte, Macrophages
0	0.21074594	0.237	0.024	0	3	CREG1	Immune/Monocyte, Macrophages
0	0.32344102	0.361	0.061	0	3	CTSC	Immune/Monocyte, Macrophages
0	0.3165946	0.368	0.064	0	3	MAFB	Immune/Monocyte, Macrophages
0	0.33965303	0.397	0.075	0	3	LY96	Immune/Monocyte, Macrophages

0	0.36519698	0.447	0.095	0	3	MARCKS	Immune/Monocyte, Macrophages
0	0.44005405	0.534	0.137	0	3	HLA-DPB1	Immune/Monocyte, Macrophages
0	0.23604113	0.259	0.036	0	3	MS4A7	Immune/Monocyte, Macrophages
0	0.24230016	0.28	0.043	0	3	CYBB	Immune/Monocyte, Macrophages
0	0.38407831	0.468	0.117	0	3	HLA-DPA1	Immune/Monocyte, Macrophages
0	0.29862718	0.363	0.071	0	3	LAPTM5	Immune/Monocyte, Macrophages
0	0.52895007	0.676	0.242	0	3	CST3	Immune/Monocyte, Macrophages
0	0.35750557	0.454	0.111	0	3	SDCBP	Immune/Monocyte, Macrophages
0	0.39129129	0.39	0.106	0	3	CXCL2	Immune/Monocyte, Macrophages
0	0.20865696	0.25	0.038	0	3	MFSD1	Immune/Monocyte, Macrophages
0	0.42269788	0.548	0.173	0	3	GPX1	Immune/Monocyte, Macrophages
0	0.6211568	0.82	0.381	0	3	SAT1	Immune/Monocyte, Macrophages
0	0.79562478	0.888	0.539	0	3	FTH1	Immune/Monocyte, Macrophages
0	0.25615921	0.327	0.066	0	3	S100A9	Immune/Monocyte, Macrophages
0	0.22659461	0.276	0.054	0	3	FCGRT	Immune/Monocyte, Macrophages
0	0.23945808	0.221	0.048	0	3	CXCL3	Immune/Monocyte, Macrophages
0	0.25865975	0.248	0.059	0	3	CXCL8	Immune/Monocyte, Macrophages
0	0.3080937	0.345	0.101	0	3	IER3	Immune/Monocyte, Macrophages
0	0.42025112	0.646	0.261	0	3	SRGN	Immune/Monocyte, Macrophages
0	0.44821529	0.518	0.224	0	3	HSPA1A	Immune/Monocyte, Macrophages
0	0.41439124	0.616	0.261	0	3	CYBA	Immune/Monocyte, Macrophages
0	0.25416266	0.245	0.067	0	3	FABP5	Immune/Monocyte, Macrophages
0	0.22340105	0.291	0.07	0	3	ASAH1	Immune/Monocyte, Macrophages
0	0.23958826	0.318	0.083	0	3	TYMP	Immune/Monocyte, Macrophages
0	0.58794684	0.862	0.559	0	3	FOS	Immune/Monocyte, Macrophages
9.856E-200	0.29038079	0.191	0.064	2E-195	3	CCL2	Immune/Monocyte, Macrophages
0	0.24990995	0.265	0.078	0	3	P11-1143G9	Immune/Monocyte, Macrophages
0	0.43904716	0.682	0.362	0	3	DUSP1	Immune/Monocyte, Macrophages
0	0.3187167	0.513	0.205	0	3	OAZ1	Immune/Monocyte, Macrophages
0	0.55416676	0.877	0.637	0	3	ACTB	Immune/Monocyte, Macrophages
0	0.2409192	0.356	0.115	0	3	VAMP8	Immune/Monocyte, Macrophages
0	0.22652367	0.302	0.093	0	3	STAT1	Immune/Monocyte, Macrophages
0	0.25883889	0.389	0.14	0	3	HLA-DRB1	Immune/Monocyte, Macrophages
0	0.21783162	0.299	0.093	0	3	CCL3	Immune/Monocyte, Macrophages
0	0.56421155	0.947	0.78	0	3	TMSB10	Immune/Monocyte, Macrophages
0	0.26077359	0.362	0.138	0	3	PRDX1	Immune/Monocyte, Macrophages
0	0.22573107	0.336	0.114	0	3	NAMPT	Immune/Monocyte, Macrophages
0	0.24064728	0.334	0.123	0	3	NR4A2	Immune/Monocyte, Macrophages
0	0.21493704	0.309	0.104	0	3	HLA-DRB5	Immune/Monocyte, Macrophages
1.121E-276	0.31636529	0.514	0.258	2.3E-272	3	LGALS1	Immune/Monocyte, Macrophages
2.35E-290	0.22276615	0.312	0.113	4.7E-286	3	SGK1	Immune/Monocyte, Macrophages
1.242E-284	0.2959835	0.495	0.242	2.5E-280	3	ZFP36	Immune/Monocyte, Macrophages
0	0.51973136	0.978	0.878	0	3	TMSB4X	Immune/Monocyte, Macrophages
1.256E-301	0.27372771	0.486	0.23	2.5E-297	3	HLA-A	Immune/Monocyte, Macrophages
2.013E-274	0.24989566	0.423	0.192	4.1E-270	3	CD63	Immune/Monocyte, Macrophages
2.284E-272	0.20557086	0.318	0.12	4.6E-268	3	SOD2	Immune/Monocyte, Macrophages
2.284E-272	0.20557086	0.318	0.12	4.6E-268	3	SOD2	Immune/Monocyte, Macrophages
6.552E-266	0.28853327	0.591	0.338	1.3E-261	3	HLA-B	Immune/Monocyte, Macrophages

2.326E-213	0.26390229	0.462	0.245	4.7E-209	3	FOSB	Immune/Monocyte, Macrophages
4.96E-177	0.27820733	0.46	0.263	1E-172	3	EGR1	Immune/Monocyte, Macrophages
1.023E-214	0.25031631	0.45	0.235	2.1E-210	3	ZFP36L1	Immune/Monocyte, Macrophages
0	0.45126426	0.991	0.952	0	3	B2M	Immune/Monocyte, Macrophages
1.304E-181	0.22819231	0.398	0.206	2.6E-177	3	NFKBIA	Immune/Monocyte, Macrophages
1.342E-157	0.22973967	0.483	0.287	2.7E-153	3	KLF6	Immune/Monocyte, Macrophages
1.555E-169	0.20198755	0.416	0.222	3.1E-165	3	S100A11	Immune/Monocyte, Macrophages
4.527E-189	0.26124169	0.763	0.559	9.1E-185	3	ATP5E	Immune/Monocyte, Macrophages
7.178E-99	0.20374142	0.419	0.268	1.45E-94	3	HSPA1B	Immune/Monocyte, Macrophages
6.478E-145	0.25368225	0.825	0.681	1.3E-140	3	NEAT1	Immune/Monocyte, Macrophages
6.112E-116	-0.2100251	0.034	0.169	1.2E-111	3	CD24	Immune/Monocyte, Macrophages
1.468E-118	-0.292021	0.04	0.182	3E-114	3	WFDC2	Immune/Monocyte, Macrophages
4.382E-192	-0.3216289	0.055	0.262	8.9E-188	3	IGFBP7	Immune/Monocyte, Macrophages
4.558E-147	-0.2874028	0.054	0.225	9.2E-143	3	FXYD2	Immune/Monocyte, Macrophages
2.2875E-63	-0.2660433	0.03	0.114	4.62E-59	3	IGFBP5	Immune/Monocyte, Macrophages
1.801E-134	-0.3218512	0.044	0.201	3.6E-130	3	CLU	Immune/Monocyte, Macrophages
6.071E-114	-0.2998731	0.044	0.181	1.2E-109	3	DEFB1	Immune/Monocyte, Macrophages
7.145E-110	-0.2152945	0.097	0.247	1.4E-105	3	DSTN	Immune/Monocyte, Macrophages
1.975E-156	-0.385241	0.057	0.236	4E-152	3	ADIRF	Immune/Monocyte, Macrophages
2.661E-96	-0.3153136	0.106	0.241	5.38E-92	3	ATP1B1	Immune/Monocyte, Macrophages
1.4285E-93	-0.2135318	0.313	0.459	2.89E-89	3	RPL6	Immune/Monocyte, Macrophages
1.7334E-87	-0.2197779	0.329	0.46	3.5E-83	3	RPS4X	Immune/Monocyte, Macrophages
1.1766E-98	-0.2289617	0.367	0.506	2.38E-94	3	RPL7	Immune/Monocyte, Macrophages
3.5036E-73	-0.204808	0.454	0.556	7.08E-69	3	RPL11	Immune/Monocyte, Macrophages
9.597E-87	-0.2222845	0.407	0.53	1.94E-82	3	RPL35A	Immune/Monocyte, Macrophages
1.349E-125	-0.2676135	0.318	0.484	2.7E-121	3	RPL3	Immune/Monocyte, Macrophages
8.0098E-59	-0.2045457	0.488	0.562	1.62E-54	3	RPL18A	Immune/Monocyte, Macrophages
2.0262E-77	-0.2192319	0.454	0.556	4.09E-73	3	RPL23A	Immune/Monocyte, Macrophages
1.9975E-55	-0.2058282	0.548	0.605	4.04E-51	3	RPS15A	Immune/Monocyte, Macrophages
1.8863E-84	-0.2091485	0.708	0.777	3.81E-80	3	RPS27A	Immune/Monocyte, Macrophages
2.732E-32	-0.2217674	0.399	0.46	5.52E-28	3	S100A6	Immune/Monocyte, Macrophages
2.6492E-65	-0.2111698	0.859	0.889	5.35E-61	3	MT-ND5	Immune/Monocyte, Macrophages
8.982E-78	-0.2242515	0.748	0.808	1.82E-73	3	RPS19	Immune/Monocyte, Macrophages
1.093E-122	-0.2458749	0.61	0.721	2.2E-118	3	RPS14	Immune/Monocyte, Macrophages
2.1085E-90	-0.2334704	0.718	0.791	4.26E-86	3	RPL10	Immune/Monocyte, Macrophages
5.231E-114	-0.2433389	0.709	0.802	1.1E-109	3	RPL13A	Immune/Monocyte, Macrophages
5.685E-119	-0.2478952	0.742	0.828	1.1E-114	3	RPL13	Immune/Monocyte, Macrophages
4.789E-163	-0.3208932	0.446	0.608	9.7E-159	3	RPS6	Immune/Monocyte, Macrophages
2.214E-133	-0.2870497	0.579	0.703	4.5E-129	3	RPS8	Immune/Monocyte, Macrophages
3.722E-167	-0.2655931	0.79	0.881	7.5E-163	3	RPL41	Immune/Monocyte, Macrophages
1.18E-157	-0.293599	0.652	0.774	2.4E-153	3	RPL32	Immune/Monocyte, Macrophages
3.2796E-60	-0.2615153	0.757	0.796	6.63E-56	3	MT-ND4L	Immune/Monocyte, Macrophages
3.88E-151	-0.2789823	0.84	0.913	7.8E-147	3	RPL21	Immune/Monocyte, Macrophages
2.411E-205	-0.3525118	0.697	0.824	4.9E-201	3	RPS18	Immune/Monocyte, Macrophages
3.848E-228	-0.3429414	0.888	0.951	7.8E-224	3	RPS27	Immune/Monocyte, Macrophages
1.318E-252	-0.3571988	0.888	0.952	2.7E-248	3	RPL34	Immune/Monocyte, Macrophages
3.7702E-18	-0.4758373	0.171	0.221	7.62E-14	3	MT1G	Immune/Monocyte, Macrophages
0	-0.5879686	0.998	0.997	0	3	MALAT1	Immune/Monocyte, Macrophages

0.00027977	-1.4260162	0.154	0.169	1	3	IGKC	Immune/Monocyte, Macrophages
0	1.20223793	0.649	0.052	0	4	MT1H	Proximal Tubule
0	2.33996953	0.914	0.175	0	4	MT1G	Proximal Tubule
0	0.79667881	0.525	0.049	0	4	MT1F	Proximal Tubule
0	1.41294426	0.738	0.156	0	4	MT1X	Proximal Tubule
0	0.5642171	0.379	0.041	0	4	PIGR	Proximal Tubule
0	0.81718313	0.543	0.092	0	4	MT1E	Proximal Tubule
0	0.26939728	0.26	0.017	0	4	ACSM2A	Proximal Tubule
0	1.07495019	0.564	0.166	0	4	CLU	Proximal Tubule
0	0.38667152	0.233	0.025	0	4	MT1M	Proximal Tubule
0	0.51573673	0.317	0.059	0	4	MMP7	Proximal Tubule
0	0.50644259	0.412	0.076	0	4	CRYAB	Proximal Tubule
0	0.40143524	0.368	0.058	0	4	GATM	Proximal Tubule
0	1.07787245	0.758	0.334	0	4	MT2A	Proximal Tubule
0	0.27000585	0.266	0.038	0	4	MGST1	Proximal Tubule
0	0.2032233	0.219	0.028	0	4	LGALS2	Proximal Tubule
0	0.23784807	0.235	0.037	0	4	VCAM1	Proximal Tubule
0	0.22276851	0.247	0.04	0	4	C11orf54	Proximal Tubule
0	0.26334781	0.274	0.053	0	4	PDZK1IP1	Proximal Tubule
0	0.54615445	0.49	0.206	0	4	ADIRF	Proximal Tubule
0	0.30132468	0.364	0.088	0	4	CXCL14	Proximal Tubule
0	0.39396674	0.444	0.141	0	4	CD24	Proximal Tubule
0	0.39942236	0.554	0.19	0	4	FXYD2	Proximal Tubule
0	0.25979686	0.307	0.078	0	4	EMX2	Proximal Tubule
1.841E-168	0.20078809	0.312	0.126	3.7E-164	4	GPX3	Proximal Tubule
6.7E-154	0.21637785	0.36	0.168	1.4E-149	4	TXN	Proximal Tubule
1.315E-154	0.20916253	0.371	0.176	2.7E-150	4	LAPTM4A	Proximal Tubule
5.754E-128	0.27297217	0.596	0.401	1.2E-123	4	ITM2B	Proximal Tubule
1.6385E-55	-0.2072492	0.081	0.199	3.31E-51	4	AIF1	Proximal Tubule
1.2109E-67	-0.2054389	0.098	0.238	2.45E-63	4	S100A4	Proximal Tubule
2.5055E-51	-0.2738167	0.054	0.158	5.06E-47	4	LYZ	Proximal Tubule
1.554E-102	-0.272708	0.115	0.303	3.14E-98	4	SRGN	Proximal Tubule
1.1689E-18	-0.2093445	0.058	0.11	2.36E-14	4	IGFBP5	Proximal Tubule
4.7907E-72	-0.2974058	0.135	0.287	9.68E-68	4	LGALS1	Proximal Tubule
1.0643E-28	-0.210111	0.276	0.363	2.15E-24	4	CD74	Proximal Tubule
1.0742E-36	-0.2189485	0.321	0.422	2.17E-32	4	SAT1	Proximal Tubule
5.8084E-42	-0.2375347	0.288	0.394	1.17E-37	4	DUSP1	Proximal Tubule
4.2249E-49	-0.3332673	0.214	0.336	8.54E-45	4	HLA-DRA	Proximal Tubule
1.0376E-50	-0.278205	0.588	0.661	2.1E-46	4	ACTB	Proximal Tubule
7.4208E-88	-0.4043195	0.448	0.591	1.5E-83	4	FOS	Proximal Tubule
1.59E-106	-0.3679933	0.925	0.957	3.2E-102	4	B2M	Proximal Tubule
5.082E-186	-0.472023	0.795	0.892	1E-181	4	TMSB4X	Proximal Tubule
6.281E-15	-1.409831	0.117	0.171	1.27E-10	4	IGKC	Proximal Tubule
0	0.5619503	0.56	0.213	0	5	ATP1B1	Mixed Markers
0	0.23672296	0.223	0.04	0	5	ADGRF5	Mixed Markers
0	0.37366606	0.492	0.141	0	5	CD24	Mixed Markers
0	0.24384009	0.223	0.042	0	5	TACSTD2	Mixed Markers
0	0.29044481	0.343	0.078	0	5	EMX2	Mixed Markers

0	0.27200755	0.311	0.07	0	5	C12orf75	Mixed Markers
0	0.29796735	0.298	0.075	0	5	SOX4	Mixed Markers
0	0.38945679	0.553	0.193	0	5	FXYD2	Mixed Markers
2.448E-170	0.29687718	0.25	0.086	4.9E-166	5	CRYAB	Mixed Markers
7.993E-302	0.20091759	0.271	0.066	1.6E-297	5	SMIM24	Mixed Markers
5.662E-219	0.28599877	0.365	0.143	1.1E-214	5	RTN4	Mixed Markers
1.442E-218	0.27183624	0.359	0.135	2.9E-214	5	CD9	Mixed Markers
2.503E-202	0.2069798	0.238	0.072	5.1E-198	5	ATP6AP2	Mixed Markers
1.409E-152	0.2695067	0.37	0.16	2.8E-148	5	DEFB1	Mixed Markers
5.129E-169	0.24984748	0.382	0.159	1E-164	5	WFDC2	Mixed Markers
6.972E-128	0.24033551	0.492	0.281	1.4E-123	5	NDUFA4	Mixed Markers
8.586E-106	0.20911371	0.381	0.2	1.7E-101	5	HSPB1	Mixed Markers
1.055E-105	0.2069187	0.384	0.207	2.1E-101	5	COX7B	Mixed Markers
3.4194E-60	0.2024256	0.27	0.149	6.91E-56	5	HES1	Mixed Markers
1.322E-106	0.23020657	0.564	0.366	2.7E-102	5	COX7C	Mixed Markers
6.415E-124	0.22641847	1	1	1.3E-119	5	MT-CO1	Mixed Markers
1.43E-46	-0.20488	0.023	0.114	2.89E-42	5	CCL3	Mixed Markers
2.2449E-68	-0.2070892	0.043	0.176	4.54E-64	5	HLA-DPB1	Mixed Markers
7.4163E-51	-0.2353874	0.029	0.129	1.5E-46	5	C1QA	Mixed Markers
5.8671E-84	-0.2563202	0.04	0.192	1.19E-79	5	TYROBP	Mixed Markers
2.1591E-89	-0.2715922	0.04	0.2	4.36E-85	5	AIF1	Mixed Markers
1.8497E-69	-0.3241179	0.03	0.158	3.74E-65	5	LYZ	Mixed Markers
2.6871E-56	-0.2194119	0.047	0.163	5.43E-52	5	CCL5	Mixed Markers
3.177E-159	-0.3585277	0.055	0.305	6.4E-155	5	SRGN	Mixed Markers
1.0283E-72	-0.2219594	0.074	0.224	2.08E-68	5	CXCR4	Mixed Markers
1.0585E-81	-0.237452	0.075	0.238	2.14E-77	5	S100A4	Mixed Markers
5.1893E-38	-0.2547796	0.054	0.145	1.05E-33	5	TIMP1	Mixed Markers
1.8266E-89	-0.3293825	0.105	0.288	3.69E-85	5	LGALS1	Mixed Markers
3.9394E-62	-0.2320714	0.227	0.38	7.96E-58	5	PABPC1	Mixed Markers
3.1197E-48	-0.2550713	0.268	0.394	6.3E-44	5	DUSP1	Mixed Markers
2.0838E-39	-0.2020175	0.773	0.805	4.21E-35	5	RPS19	Mixed Markers
3.688E-83	-0.3772358	0.196	0.367	7.45E-79	5	CD74	Mixed Markers
1.0296E-63	-0.2404413	0.7	0.798	2.08E-59	5	TMSB10	Mixed Markers
4.6519E-05	-0.2052071	0.589	0.566	0.940057	5	FTH1	Mixed Markers
3.8262E-06	-0.2363127	0.332	0.359	0.07732	5	MT2A	Mixed Markers
4.9311E-49	-0.2850023	0.583	0.661	9.96E-45	5	ACTB	Mixed Markers
1.647E-100	-0.5772066	0.152	0.338	3.33E-96	5	HLA-DRA	Mixed Markers
6.252E-135	-0.4408931	0.919	0.957	1.3E-130	5	B2M	Mixed Markers
5.473E-165	-0.4860034	0.808	0.891	1.1E-160	5	TMSB4X	Mixed Markers
7.578E-109	-0.8128805	0.584	0.709	1.5E-104	5	FTL	Mixed Markers
1.9686E-23	-1.5211132	0.099	0.171	3.98E-19	5	IGKC	Mixed Markers
0	1.92845944	0.977	0.035	0	6	UMOD	Thick Ascending Limb
0	1.27594517	0.734	0.032	0	6	SLC12A1	Thick Ascending Limb
0	0.27511329	0.26	0.003	0	6	EGF	Thick Ascending Limb
0	0.41737429	0.409	0.014	0	6	KNG1	Thick Ascending Limb
0	0.2604522	0.271	0.011	0	6	HSPA2	Thick Ascending Limb
0	0.23452966	0.206	0.008	0	6	CLDN16	Thick Ascending Limb
0	0.87057294	0.736	0.149	0	6	DEFB1	Thick Ascending Limb

0	0.86833643	0.768	0.21	0	6	ATP1B1	Thick Ascending Limb
0	0.2068284	0.22	0.015	0	6	PTGER3	Thick Ascending Limb
0	0.21025183	0.235	0.018	0	6	MTURN	Thick Ascending Limb
0	0.24313541	0.269	0.024	0	6	RHOBTB3	Thick Ascending Limb
0	0.56280521	0.6	0.142	0	6	CD24	Thick Ascending Limb
0	0.24316268	0.273	0.028	0	6	CYFIP2	Thick Ascending Limb
0	0.30754362	0.348	0.051	0	6	NUDT4	Thick Ascending Limb
0	0.39612394	0.475	0.097	0	6	ATP1A1	Thick Ascending Limb
0	0.56529046	0.635	0.195	0	6	FXYD2	Thick Ascending Limb
0	0.2816405	0.31	0.048	0	6	SLC5A3	Thick Ascending Limb
0	0.20216391	0.221	0.025	0	6	CLDN10	Thick Ascending Limb
0	0.22776863	0.261	0.034	0	6	CKB	Thick Ascending Limb
0	0.3311412	0.355	0.075	0	6	PDK4	Thick Ascending Limb
5.59E-233	0.26991834	0.196	0.037	1.1E-228	6	TMEM52B	Thick Ascending Limb
0	0.33412459	0.424	0.107	0	6	PEBP1	Thick Ascending Limb
0	0.21910667	0.264	0.047	0	6	MRPS6	Thick Ascending Limb
1.135E-282	0.30222817	0.4	0.118	2.3E-278	6	ZFAND5	Thick Ascending Limb
1.955E-259	0.32883934	0.637	0.253	4E-255	6	SPP1	Thick Ascending Limb
5.375E-224	0.25639025	0.366	0.116	1.1E-219	6	LDHB	Thick Ascending Limb
3.979E-212	0.25851823	0.381	0.127	8E-208	6	APP	Thick Ascending Limb
5.689E-175	0.23026095	0.36	0.129	1.1E-170	6	NGFRAP1	Thick Ascending Limb
0	0.53384226	1	1	0	6	MT-CO3	Thick Ascending Limb
1.815E-281	0.5146958	1	0.998	3.7E-277	6	MT-ND3	Thick Ascending Limb
0	0.51065137	1	0.996	0	6	MT-ND2	Thick Ascending Limb
5.268E-307	0.45981648	0.997	0.95	1.1E-302	6	MT-ND1	Thick Ascending Limb
0	0.47321777	1	1	0	6	MT-CO1	Thick Ascending Limb
3.25E-114	0.22008622	0.414	0.196	6.6E-110	6	MTRNR2L8	Thick Ascending Limb
4.202E-216	0.3715936	1	1	8.5E-212	6	MT-ND4	Thick Ascending Limb
4.404E-280	0.36798165	1	1	8.9E-276	6	MT-CO2	Thick Ascending Limb
8.566E-165	0.35394042	0.999	0.989	1.7E-160	6	MT-CYB	Thick Ascending Limb
1.2472E-74	0.21283677	0.508	0.315	2.52E-70	6	UQCRB	Thick Ascending Limb
8.0697E-75	0.22388676	0.563	0.369	1.63E-70	6	COX7C	Thick Ascending Limb
2.5534E-67	0.20726013	0.565	0.372	5.16E-63	6	ATP5I	Thick Ascending Limb
2.969E-131	0.29361765	1	0.996	6E-127	6	MT-ATP6	Thick Ascending Limb
6.3555E-67	0.25850629	0.832	0.734	1.28E-62	6	EEF1A1	Thick Ascending Limb
3.2259E-77	0.21377264	0.97	0.883	6.52E-73	6	MT-ND5	Thick Ascending Limb
2.8473E-37	-0.2297389	0.028	0.127	5.75E-33	6	C1QA	Thick Ascending Limb
1.2891E-60	-0.2544013	0.039	0.19	2.61E-56	6	TYROBP	Thick Ascending Limb
9.2898E-34	-0.2033901	0.035	0.132	1.88E-29	6	CXCL2	Thick Ascending Limb
8.8166E-70	-0.2249238	0.066	0.246	1.78E-65	6	SH3BGRL3	Thick Ascending Limb
2.3113E-83	-0.2665512	0.06	0.262	4.67E-79	6	VIM	Thick Ascending Limb
6.8106E-41	-0.2716279	0.033	0.144	1.38E-36	6	TIMP1	Thick Ascending Limb
9.7813E-57	-0.2537496	0.049	0.198	1.98E-52	6	AIF1	Thick Ascending Limb
1.6497E-64	-0.2434489	0.066	0.236	3.33E-60	6	S100A4	Thick Ascending Limb
6.937E-94	-0.2877963	0.074	0.298	1.4E-89	6	CYBA	Thick Ascending Limb
2.1413E-45	-0.3103246	0.036	0.156	4.33E-41	6	LYZ	Thick Ascending Limb
2.2163E-34	-0.2064622	0.056	0.161	4.48E-30	6	CCL5	Thick Ascending Limb
5E-106	-0.3470182	0.064	0.301	1E-101	6	SRGN	Thick Ascending Limb

7.7987E-63	-0.214776	0.118	0.298	1.58E-58	6	PFN1	Thick Ascending Limb
3.0661E-51	-0.2101349	0.111	0.269	6.2E-47	6	FOSB	Thick Ascending Limb
5.2544E-33	-0.2570523	0.055	0.156	1.06E-28	6	APOE	Thick Ascending Limb
5.2342E-94	-0.2851711	0.131	0.367	1.06E-89	6	HLA-B	Thick Ascending Limb
1.4801E-13	-0.2036338	0.055	0.109	2.99E-09	6	IGFBP5	Thick Ascending Limb
9.3685E-82	-0.3710196	0.08	0.286	1.89E-77	6	LGALS1	Thick Ascending Limb
3.1937E-58	-0.2126474	0.177	0.358	6.45E-54	6	RPL27	Thick Ascending Limb
3.7128E-32	-0.2049911	0.163	0.281	7.5E-28	6	CST3	Thick Ascending Limb
1.3259E-64	-0.2321494	0.219	0.415	2.68E-60	6	UBA52	Thick Ascending Limb
7.8158E-85	-0.3034989	0.157	0.38	1.58E-80	6	PABPC1	Thick Ascending Limb
7.2018E-74	-0.2741752	0.225	0.432	1.46E-69	6	RPS3	Thick Ascending Limb
2.2015E-35	-0.2013916	0.311	0.436	4.45E-31	6	H3F3B	Thick Ascending Limb
1.0441E-58	-0.2363753	0.285	0.466	2.11E-54	6	RPL19	Thick Ascending Limb
1.1432E-12	-0.2084	0.159	0.224	2.31E-08	6	ADIRF	Thick Ascending Limb
3.1378E-39	-0.2067205	0.341	0.474	6.34E-35	6	RPS13	Thick Ascending Limb
1.6277E-59	-0.2486239	0.277	0.456	3.29E-55	6	RPS4X	Thick Ascending Limb
8.3408E-47	-0.2185613	0.373	0.53	1.69E-42	6	RPS24	Thick Ascending Limb
3.368E-103	-0.4502666	0.126	0.367	6.8E-99	6	CD74	Thick Ascending Limb
5.0455E-45	-0.237994	0.321	0.469	1.02E-40	6	HSP90AA1	Thick Ascending Limb
2.373E-49	-0.2409699	0.323	0.476	4.8E-45	6	RPL3	Thick Ascending Limb
3.1905E-69	-0.2673202	0.317	0.509	6.45E-65	6	RPL27A	Thick Ascending Limb
2.9688E-68	-0.2724068	0.308	0.501	6E-64	6	RPS26	Thick Ascending Limb
1.782E-114	-0.3761483	0.224	0.488	3.6E-110	6	RPS2	Thick Ascending Limb
7.4303E-61	-0.3187136	0.217	0.394	1.5E-56	6	DUSP1	Thick Ascending Limb
4.1353E-78	-0.2912578	0.323	0.527	8.36E-74	6	RPL35A	Thick Ascending Limb
1.006E-67	-0.2728679	0.379	0.57	2.03E-63	6	RPS25	Thick Ascending Limb
2.1858E-66	-0.2742602	0.373	0.554	4.42E-62	6	RPL23A	Thick Ascending Limb
4.0709E-52	-0.2561349	0.389	0.535	8.23E-48	6	RPS3A	Thick Ascending Limb
8.9828E-70	-0.2814182	0.369	0.555	1.82E-65	6	RPL11	Thick Ascending Limb
7.2031E-27	-0.2486973	0.319	0.42	1.46E-22	6	SAT1	Thick Ascending Limb
1.3942E-52	-0.2277194	0.594	0.716	2.82E-48	6	RPS14	Thick Ascending Limb
4.8108E-97	-0.592826	0.108	0.337	9.72E-93	6	HLA-DRA	Thick Ascending Limb
1.084E-89	-0.3163073	0.355	0.574	2.19E-85	6	RPL12	Thick Ascending Limb
8.9069E-49	-0.207845	0.826	0.875	1.8E-44	6	RPL41	Thick Ascending Limb
1.8802E-88	-0.3009203	0.425	0.638	3.8E-84	6	RPL35	Thick Ascending Limb
1.6431E-61	-0.2787702	0.44	0.6	3.32E-57	6	RPS6	Thick Ascending Limb
3.5287E-70	-0.2745174	0.48	0.644	7.13E-66	6	RPL36	Thick Ascending Limb
0.00036465	-0.2217953	0.336	0.358	1	6	MT2A	Thick Ascending Limb
1.956E-109	-0.3677837	0.322	0.565	4E-105	6	RPL18A	Thick Ascending Limb
3.9826E-89	-0.3241938	0.392	0.599	8.05E-85	6	RPLP2	Thick Ascending Limb
1.4097E-57	-0.2390787	0.788	0.852	2.85E-53	6	RPS29	Thick Ascending Limb
1.5206E-89	-0.3302022	0.414	0.617	3.07E-85	6	RPS12	Thick Ascending Limb
7.7228E-76	-0.3125987	0.423	0.591	1.56E-71	6	RPL26	Thick Ascending Limb
1.103E-128	-0.3964215	0.346	0.603	2.2E-124	6	RPL28	Thick Ascending Limb
7.9457E-37	-0.2617401	0.623	0.696	1.61E-32	6	NEAT1	Thick Ascending Limb
1.328E-139	-0.4394646	0.343	0.61	2.7E-135	6	RPS15A	Thick Ascending Limb
1.4945E-82	-0.2935792	0.659	0.775	3.02E-78	6	RPS27A	Thick Ascending Limb
7.788E-107	-0.3707684	0.507	0.7	1.6E-102	6	RPS8	Thick Ascending Limb

3.4117E-67	-0.2831529	0.924	0.948	6.89E-63	6	RPL34	Thick Ascending Limb
1.099E-139	-0.3723072	0.59	0.791	2.2E-135	6	RPS15	Thick Ascending Limb
5.386E-105	-0.3238737	0.746	0.85	1.1E-100	6	PTMA	Thick Ascending Limb
4.365E-131	-0.3678459	0.631	0.809	8.8E-127	6	RPLP1	Thick Ascending Limb
1.316E-149	-0.4125814	0.542	0.773	2.7E-145	6	RPL32	Thick Ascending Limb
7.359E-125	-0.3713257	0.627	0.801	1.5E-120	6	RPL13A	Thick Ascending Limb
1.0603E-68	-0.3162541	0.826	0.873	2.14E-64	6	RPL39	Thick Ascending Limb
2.035E-147	-0.3966912	0.639	0.828	4.1E-143	6	RPL13	Thick Ascending Limb
7.541E-143	-0.4986066	0.423	0.665	1.5E-138	6	ACTB	Thick Ascending Limb
3.959E-160	-0.4432195	0.574	0.793	8E-156	6	RPL10	Thick Ascending Limb
3.5834E-95	-0.4912563	0.376	0.574	7.24E-91	6	FTH1	Thick Ascending Limb
8.365E-113	-0.5408716	0.358	0.592	1.7E-108	6	FOS	Thick Ascending Limb
2.141E-125	-0.3997566	0.676	0.818	4.3E-121	6	RPS18	Thick Ascending Limb
9.406E-160	-0.4479044	0.606	0.811	1.9E-155	6	RPS19	Thick Ascending Limb
8.156E-18	-0.5662886	0.143	0.219	1.65E-13	6	MT1G	Thick Ascending Limb
6.978E-183	-0.4501966	0.766	0.912	1.4E-178	6	RPL21	Thick Ascending Limb
3.088E-260	-0.6289759	0.493	0.805	6.2E-256	6	TMSB10	Thick Ascending Limb
1.671E-196	-0.4754267	0.822	0.951	3.4E-192	6	RPS27	Thick Ascending Limb
0	-0.9836889	0.481	0.902	0	6	TMSB4X	Thick Ascending Limb
4.294E-140	-0.9175156	0.487	0.711	8.7E-136	6	FTL	Thick Ascending Limb
2.357E-26	-1.5207982	0.078	0.171	4.76E-22	6	IGKC	Thick Ascending Limb
0	-1.0079934	0.77	0.962	0	6	B2M	Thick Ascending Limb
0	0.86502022	0.581	0.006	0	7	NPHS2	Podocytes
0	0.53866655	0.47	0.004	0	7	P11-550H2	Podocytes
0	0.40204432	0.367	0.003	0	7	PCOLCE2	Podocytes
0	0.57271149	0.514	0.006	0	7	FGF1	Podocytes
0	0.8315323	0.649	0.011	0	7	CLIC5	Podocytes
0	1.23907606	0.74	0.021	0	7	PTGDS	Podocytes
0	0.5055159	0.48	0.006	0	7	PLA2R1	Podocytes
0	0.62224987	0.556	0.009	0	7	PTPRO	Podocytes
0	0.5721215	0.508	0.008	0	7	SPOCK1	Podocytes
0	0.71081931	0.596	0.012	0	7	MME	Podocytes
0	0.71312493	0.575	0.012	0	7	DCN	Podocytes
0	1.31110904	0.796	0.031	0	7	PODXL	Podocytes
0	0.30438006	0.312	0.003	0	7	WT1	Podocytes
0	0.29862702	0.29	0.003	0	7	NDNF	Podocytes
0	0.66262215	0.56	0.013	0	7	NPNT	Podocytes
0	0.33857228	0.31	0.004	0	7	TNNT2	Podocytes
0	0.83285475	0.642	0.022	0	7	HTRA1	Podocytes
0	0.40396278	0.331	0.006	0	7	APOD	Podocytes
0	0.22135354	0.233	0.003	0	7	C14orf37	Podocytes
0	0.2930364	0.284	0.005	0	7	TPPP3	Podocytes
0	0.47523769	0.454	0.013	0	7	ENPEP	Podocytes
0	0.25584143	0.256	0.004	0	7	GAS1	Podocytes
0	0.28323874	0.282	0.005	0	7	F3	Podocytes
0	0.33410923	0.328	0.007	0	7	TMEM150C	Podocytes
0	0.53385214	0.445	0.018	0	7	IGFBP2	Podocytes
0	0.67463423	0.569	0.031	0	7	VEGFA	Podocytes

0	0.30779689	0.314	0.008	0	7	SBSPON	Podocytes
0	0.45847549	0.451	0.018	0	7	ZDHHC6	Podocytes
0	0.42270136	0.428	0.016	0	7	COL4A3	Podocytes
0	0.28998377	0.303	0.008	0	7	NEBL	Podocytes
0	0.2665924	0.264	0.007	0	7	ALS2CL	Podocytes
0	0.31506628	0.32	0.011	0	7	SEMA5A	Podocytes
0	0.22284707	0.233	0.006	0	7	DACH1	Podocytes
0	1.25551632	0.569	0.089	0	7	CXCL14	Podocytes
0	0.43612384	0.396	0.023	0	7	CDKN1C	Podocytes
0	0.45533373	0.469	0.029	0	7	TJP1	Podocytes
0	0.98050207	0.644	0.087	0	7	CTGF	Podocytes
0	0.30115289	0.321	0.014	0	7	SPOCK2	Podocytes
0	0.41397862	0.429	0.027	0	7	TGFBR3	Podocytes
0	0.7055923	0.626	0.072	0	7	CRIM1	Podocytes
0	0.58038727	0.555	0.055	0	7	MYL9	Podocytes
0	0.23542707	0.254	0.011	0	7	EPB41L5	Podocytes
0	0.32034015	0.347	0.021	0	7	THSD7A	Podocytes
0	0.26597988	0.258	0.013	0	7	CLDN11	Podocytes
0	0.49545418	0.449	0.043	0	7	GOLIM4	Podocytes
0	0.23469828	0.253	0.012	0	7	FOXC1	Podocytes
0	0.24371966	0.256	0.013	0	7	NES	Podocytes
0	0.24177135	0.266	0.014	0	7	SYNPO	Podocytes
0	0.20214269	0.198	0.009	0	7	IGF1	Podocytes
0	0.33006618	0.35	0.027	0	7	CDC42EP3	Podocytes
0	0.31852169	0.342	0.027	0	7	UACA	Podocytes
0	0.34306488	0.366	0.034	0	7	RARRES2	Podocytes
0	0.32257667	0.365	0.044	0	7	BCAM	Podocytes
0	0.24217828	0.278	0.027	0	7	IQGAP2	Podocytes
0	0.38975513	0.38	0.061	0	7	BST2	Podocytes
0	0.30479074	0.369	0.052	0	7	ACTN4	Podocytes
0	0.21010336	0.225	0.022	0	7	SRGAP2C	Podocytes
7.055E-132	0.8344815	0.344	0.134	1.4E-127	7	TIMP1	Podocytes
0	0.38932951	0.459	0.084	0	7	MYH9	Podocytes
0	0.2405311	0.288	0.035	0	7	DST	Podocytes
0	0.87306038	0.825	0.4	0	7	ITM2B	Podocytes
0	0.20229947	0.236	0.027	0	7	FAM134B	Podocytes
0	0.22336204	0.239	0.031	0	7	TPM2	Podocytes
0	0.27262314	0.32	0.051	0	7	HIPK2	Podocytes
0	0.34877706	0.443	0.1	0	7	SPARC	Podocytes
0	0.79351327	0.84	0.443	0	7	S100A6	Podocytes
1.497E-302	0.48723138	0.558	0.181	3E-298	7	AIF1	Podocytes
0	0.68929816	0.75	0.348	0	7	CALM2	Podocytes
1.188E-302	0.54116318	0.636	0.233	2.4E-298	7	IGFBP7	Podocytes
7.631E-301	0.33746604	0.421	0.111	1.5E-296	7	ANXA2	Podocytes
6.223E-265	0.44774825	0.595	0.224	1.3E-260	7	DSTN	Podocytes
2.711E-257	0.21295239	0.273	0.056	5.5E-253	7	RDX	Podocytes
8.118E-253	0.28537428	0.399	0.112	1.6E-248	7	VAMP5	Podocytes
1.36E-250	0.30099619	0.43	0.128	2.7E-246	7	NGFRAP1	Podocytes

2.09E-230	0.2186203	0.288	0.067	4.2E-226	7	CD81	Podocytes
1.056E-211	0.23786857	0.355	0.099	2.1E-207	7	CALD1	Podocytes
1.385E-175	0.23818943	0.305	0.087	2.8E-171	7	TIMP3	Podocytes
1.028E-208	0.23652777	0.354	0.102	2.1E-204	7	VAMP2	Podocytes
2.149E-182	0.26612456	0.377	0.126	4.3E-178	7	HMGN3	Podocytes
4.327E-149	0.3672087	0.571	0.27	8.7E-145	7	LGALS1	Podocytes
2.4884E-25	0.42758015	0.182	0.105	5.03E-21	7	IGFBP5	Podocytes
1.751E-141	0.31691785	0.507	0.229	3.5E-137	7	IFITM3	Podocytes
1.232E-143	0.29753983	0.476	0.214	2.5E-139	7	DYNLL1	Podocytes
1.176E-149	0.21200741	0.349	0.119	2.4E-145	7	WBP5	Podocytes
3.959E-141	0.21543737	0.362	0.132	8E-137	7	ITGB1	Podocytes
2.384E-124	0.52683303	0.976	0.884	4.8E-120	7	TMSB4X	Podocytes
1.3882E-88	0.27677752	0.377	0.182	2.81E-84	7	S100A10	Podocytes
6.676E-106	0.24810345	0.46	0.227	1.3E-101	7	SKP1	Podocytes
1.9002E-59	0.29763753	0.999	0.997	3.84E-55	7	MALAT1	Podocytes
3.4517E-28	-0.2087444	0.036	0.132	6.98E-24	7	CXCL2	Podocytes
1.8399E-42	-0.2334041	0.052	0.189	3.72E-38	7	TYROBP	Podocytes
1.1884E-24	-0.2122702	0.039	0.126	2.4E-20	7	C1QA	Podocytes
4.774E-34	-0.2997082	0.043	0.155	9.65E-30	7	LYZ	Podocytes
2.3763E-31	-0.210009	0.091	0.214	4.8E-27	7	FXYD2	Podocytes
2.3695E-73	-0.3143694	0.086	0.298	4.79E-69	7	SRGN	Podocytes
9.026E-22	-0.2051181	0.079	0.173	1.82E-17	7	WFDC2	Podocytes
3.0144E-42	-0.2125423	0.123	0.278	6.09E-38	7	BTG1	Podocytes
6.0733E-41	-0.2215894	0.118	0.267	1.23E-36	7	ZFP36	Podocytes
1.5145E-20	-0.204756	0.083	0.173	3.06E-16	7	DEFB1	Podocytes
2.0063E-58	-0.2634832	0.118	0.308	4.05E-54	7	KLF6	Podocytes
9.4036E-24	-0.2242496	0.089	0.191	1.9E-19	7	CLU	Podocytes
5.8289E-38	-0.2122579	0.15	0.294	1.18E-33	7	CYBA	Podocytes
2.634E-33	-0.2141886	0.15	0.285	5.32E-29	7	HSPA1B	Podocytes
9.6841E-20	-0.2415301	0.073	0.155	1.96E-15	7	APOE	Podocytes
3.0442E-46	-0.2205608	0.224	0.397	6.15E-42	7	RPL37	Podocytes
1.2733E-38	-0.201832	0.259	0.412	2.57E-34	7	UBA52	Podocytes
8.437E-62	-0.2869801	0.177	0.378	1.7E-57	7	PABPC1	Podocytes
4.0335E-48	-0.2303444	0.26	0.438	8.15E-44	7	RPL31	Podocytes
1.7043E-44	-0.2280414	0.253	0.417	3.44E-40	7	RPS9	Podocytes
1.0246E-29	-0.2020507	0.304	0.428	2.07E-25	7	RPS3	Podocytes
1.2442E-33	-0.2065227	0.332	0.463	2.51E-29	7	RPL19	Podocytes
2.3327E-43	-0.2300273	0.309	0.469	4.71E-39	7	RPS17	Podocytes
7.9769E-34	-0.2116331	0.342	0.473	1.61E-29	7	RPS13	Podocytes
7.3558E-42	-0.2348835	0.344	0.498	1.49E-37	7	RPS26	Podocytes
3.9884E-31	-0.2100752	0.408	0.523	8.06E-27	7	RPL35A	Podocytes
2.8109E-35	-0.2026605	0.652	0.797	5.68E-31	7	MT-ND4L	Podocytes
2.8352E-51	-0.2555496	0.337	0.507	5.73E-47	7	RPL27A	Podocytes
2.1156E-40	-0.2271956	0.424	0.56	4.28E-36	7	RPL37A	Podocytes
7.8231E-32	-0.2024534	0.589	0.671	1.58E-27	7	RPS28	Podocytes
3.438E-38	-0.28374	0.246	0.392	6.95E-34	7	DUSP1	Podocytes
1.2575E-30	-0.2253742	0.43	0.533	2.54E-26	7	RPS3A	Podocytes
6.5697E-57	-0.2960082	0.3	0.484	1.33E-52	7	RPS2	Podocytes

8.6278E-70	-0.3032801	0.324	0.53	1.74E-65	7	RPS24	Podocytes
9.7788E-51	-0.2636131	0.393	0.553	1.98E-46	7	RPL11	Podocytes
2.005E-42	-0.2468224	0.431	0.567	4.05E-38	7	RPS25	Podocytes
3.7185E-32	-0.2039152	0.717	0.773	7.51E-28	7	RPS27A	Podocytes
1.5867E-36	-0.3144068	0.222	0.363	3.21E-32	7	CD74	Podocytes
4.4886E-55	-0.3466474	0.239	0.422	9.07E-51	7	SAT1	Podocytes
1.2808E-51	-0.2774027	0.397	0.552	2.59E-47	7	RPL23A	Podocytes
4.0448E-39	-0.4392019	0.125	0.271	8.17E-35	7	SPP1	Podocytes
2.9476E-66	-0.299655	0.4	0.581	5.96E-62	7	RPS23	Podocytes
3.9122E-83	-0.3443671	0.35	0.573	7.91E-79	7	RPL12	Podocytes
4.8238E-71	-0.3281042	0.365	0.562	9.75E-67	7	RPL18A	Podocytes
1.0992E-56	-0.2756333	0.491	0.635	2.22E-52	7	RPL35	Podocytes
1.8997E-57	-0.2937419	0.414	0.57	3.84E-53	7	TPT1	Podocytes
9.3114E-48	-0.2775816	0.462	0.599	1.88E-43	7	RPS6	Podocytes
8.2048E-76	-0.3116592	0.444	0.644	1.66E-71	7	RPL36	Podocytes
1.0456E-55	-0.2916296	0.465	0.614	2.11E-51	7	RPS12	Podocytes
5.767E-100	-0.376845	0.354	0.601	1.17E-95	7	RPL28	Podocytes
1.1723E-56	-0.2689326	0.591	0.716	2.37E-52	7	RPS14	Podocytes
4.4619E-61	-0.3041287	0.436	0.597	9.02E-57	7	RPLP2	Podocytes
1.2283E-76	-0.3421419	0.391	0.591	2.48E-72	7	RPL26	Podocytes
2.6653E-62	-0.2574223	0.791	0.876	5.39E-58	7	RPL41	Podocytes
1.772E-06	-0.258866	0.325	0.358	0.035809	7	MT2A	Podocytes
5.1733E-88	-0.3747947	0.393	0.607	1.05E-83	7	RPS15A	Podocytes
1.0244E-47	-0.4826487	0.169	0.334	2.07E-43	7	HLA-DRA	Podocytes
2.7163E-58	-0.3007665	0.574	0.696	5.49E-54	7	RPS8	Podocytes
8.4354E-71	-0.2884721	0.68	0.787	1.7E-66	7	RPS15	Podocytes
1.3971E-69	-0.3202166	0.67	0.788	2.82E-65	7	RPL10	Podocytes
7.383E-89	-0.3511029	0.603	0.77	1.49E-84	7	RPL32	Podocytes
2.797E-24	-0.3168512	0.506	0.569	5.65E-20	7	FTH1	Podocytes
3.1177E-91	-0.3477508	0.663	0.798	6.3E-87	7	RPL13A	Podocytes
4.7586E-67	-0.3378509	0.685	0.797	9.62E-63	7	TMSB10	Podocytes
3.4868E-42	-0.3767743	0.453	0.587	7.05E-38	7	FOS	Podocytes
4.623E-115	-0.3748878	0.63	0.808	9.3E-111	7	RPLP1	Podocytes
5.1206E-73	-0.3175811	0.838	0.909	1.03E-68	7	RPL21	Podocytes
2.1712E-72	-0.314557	0.888	0.949	4.39E-68	7	RPL34	Podocytes
4.5014E-17	-0.4935866	0.133	0.219	9.1E-13	7	MT1G	Podocytes
1.345E-123	-0.383809	0.682	0.855	2.7E-119	7	RPS29	Podocytes
1.498E-116	-0.3859649	0.66	0.826	3E-112	7	RPL13	Podocytes
6.704E-102	-0.3901845	0.669	0.818	1.35E-97	7	RPS18	Podocytes
3.688E-151	-0.4597561	0.579	0.81	7.5E-147	7	RPS19	Podocytes
1.172E-128	-0.4422227	0.731	0.876	2.4E-124	7	RPL39	Podocytes
1.843E-134	-0.418083	0.87	0.949	3.7E-130	7	RPS27	Podocytes
2.7148E-83	-0.7869828	0.528	0.708	5.49E-79	7	FTL	Podocytes
2.3789E-09	-1.4037826	0.115	0.169	4.81E-05	7	IGKC	Podocytes
0	1.01599073	0.503	0.013	0	8	SOD3	Thick Ascending Limb
0	1.32007963	0.821	0.067	0	8	S100A2	Thick Ascending Limb
0	0.38430234	0.322	0.008	0	8	PAPPA2	Thick Ascending Limb
0	1.1365232	0.811	0.152	0	8	WFDC2	Thick Ascending Limb

0	0.36708046	0.352	0.023	0	8	CLDN10	Thick Ascending Limb
0	0.52596589	0.467	0.046	0	8	SLC12A1	Thick Ascending Limb
0	0.49054169	0.434	0.048	0	8	PCSK1N	Thick Ascending Limb
0	0.20283285	0.193	0.01	0	8	SUCNR1	Thick Ascending Limb
0	0.34801738	0.288	0.03	0	8	IGFBP6	Thick Ascending Limb
0	0.27263269	0.274	0.023	0	8	BBOX1	Thick Ascending Limb
0	0.24762115	0.245	0.02	0	8	ITGB6	Thick Ascending Limb
0	0.69505851	0.655	0.156	0	8	DEFB1	Thick Ascending Limb
0	0.41776387	0.461	0.069	0	8	MUC1	Thick Ascending Limb
0	0.30252705	0.304	0.034	0	8	ACSL4	Thick Ascending Limb
0	0.25003692	0.237	0.026	0	8	ITM2C	Thick Ascending Limb
0	0.29700217	0.318	0.042	0	8	CAMK2N1	Thick Ascending Limb
0	0.68111332	0.643	0.198	0	8	FXYD2	Thick Ascending Limb
0	0.70881918	0.638	0.21	0	8	ADIRF	Thick Ascending Limb
0	0.31254351	0.339	0.051	0	8	KCNJ16	Thick Ascending Limb
3.602E-298	0.61844224	0.629	0.219	7.3E-294	8	ATP1B1	Thick Ascending Limb
0	0.23029009	0.244	0.032	0	8	C8orf4	Thick Ascending Limb
0	0.90191603	0.804	0.445	0	8	S100A6	Thick Ascending Limb
0	0.23523835	0.272	0.042	0	8	MAL	Thick Ascending Limb
0	0.22325878	0.264	0.04	0	8	CA12	Thick Ascending Limb
1.131E-287	0.54510397	0.678	0.255	2.3E-283	8	SPP1	Thick Ascending Limb
6.937E-247	0.38760794	0.447	0.138	1.4E-242	8	CD9	Thick Ascending Limb
1.096E-263	0.31455725	0.397	0.102	2.2E-259	8	ATP1A1	Thick Ascending Limb
2.502E-242	0.30661587	0.354	0.09	5.1E-238	8	S100A13	Thick Ascending Limb
1.326E-207	0.40448483	0.457	0.165	2.7E-203	8	ATP6V0E1	Thick Ascending Limb
1.066E-228	0.3437515	0.472	0.149	2.2E-224	8	CD24	Thick Ascending Limb
2.948E-193	0.3539847	0.56	0.226	6E-189	8	DSTN	Thick Ascending Limb
1.328E-127	0.32637763	0.457	0.202	2.7E-123	8	HSPB1	Thick Ascending Limb
4.757E-130	0.25857216	0.357	0.132	9.6E-126	8	CRIP1	Thick Ascending Limb
2.8431E-96	0.2148585	0.236	0.081	5.75E-92	8	PDK4	Thick Ascending Limb
1.2683E-90	0.24391312	0.414	0.201	2.56E-86	8	PPDPF	Thick Ascending Limb
2.9454E-81	0.20816127	0.339	0.155	5.95E-77	8	TMEM59	Thick Ascending Limb
6.0673E-72	0.29870433	0.593	0.407	1.23E-67	8	ITM2B	Thick Ascending Limb
4.3466E-75	0.21161996	0.372	0.183	8.78E-71	8	S100A10	Thick Ascending Limb
2.8468E-75	0.20422711	0.383	0.188	5.75E-71	8	GSTP1	Thick Ascending Limb
2.0098E-24	0.25848426	0.999	0.997	4.06E-20	8	MALAT1	Thick Ascending Limb
1.9979E-49	-0.2576441	0.034	0.189	4.04E-45	8	TYROBP	Thick Ascending Limb
8.779E-29	-0.2342413	0.028	0.126	1.77E-24	8	C1QA	Thick Ascending Limb
7.0899E-55	-0.2481091	0.047	0.221	1.43E-50	8	CXCR4	Thick Ascending Limb
8.4163E-95	-0.3685516	0.043	0.299	1.7E-90	8	SRGN	Thick Ascending Limb
1.043E-47	-0.2610039	0.042	0.197	2.11E-43	8	AIF1	Thick Ascending Limb
2.2789E-63	-0.2596578	0.06	0.261	4.61E-59	8	VIM	Thick Ascending Limb
2.0181E-38	-0.3159311	0.03	0.156	4.08E-34	8	LYZ	Thick Ascending Limb
4.7427E-31	-0.2132194	0.047	0.16	9.58E-27	8	CCL5	Thick Ascending Limb
4.467E-21	-0.2304856	0.064	0.155	9.03E-17	8	APOE	Thick Ascending Limb
1.2029E-54	-0.271575	0.173	0.378	2.43E-50	8	PABPC1	Thick Ascending Limb
5.0212E-06	-0.2006392	0.072	0.108	0.101468	8	IGFBP5	Thick Ascending Limb
2.8204E-36	-0.3063062	0.134	0.283	5.7E-32	8	LGALS1	Thick Ascending Limb

7.979E-76	-0.429256	0.127	0.365	1.61E-71	8	CD74	Thick Ascending Limb
6.7155E-08	-0.2148062	0.137	0.19	0.001357	8	MT1X	Thick Ascending Limb
1.9592E-35	-0.2182304	0.372	0.524	3.96E-31	8	RPL35A	Thick Ascending Limb
7.8288E-86	-0.6188048	0.087	0.336	1.58E-81	8	HLA-DRA	Thick Ascending Limb
1.4254E-41	-0.2412608	0.336	0.498	2.88E-37	8	RPS26	Thick Ascending Limb
1.1645E-24	-0.2057268	0.428	0.533	2.35E-20	8	RPS3A	Thick Ascending Limb
9.504E-30	-0.2000532	0.573	0.671	1.92E-25	8	RPS28	Thick Ascending Limb
5.8327E-34	-0.2450255	0.341	0.482	1.18E-29	8	RPS2	Thick Ascending Limb
3.6425E-39	-0.290452	0.234	0.392	7.36E-35	8	DUSP1	Thick Ascending Limb
5.7591E-37	-0.2327182	0.452	0.596	1.16E-32	8	RPLP2	Thick Ascending Limb
1.2737E-38	-0.244034	0.462	0.597	2.57E-34	8	RPL28	Thick Ascending Limb
4.7838E-57	-0.2914576	0.384	0.571	9.67E-53	8	TPT1	Thick Ascending Limb
1.6669E-51	-0.288882	0.383	0.561	3.37E-47	8	RPL18A	Thick Ascending Limb
2.0728E-36	-0.2128262	0.797	0.851	4.19E-32	8	RPS29	Thick Ascending Limb
7.4739E-29	-0.207749	0.774	0.804	1.51E-24	8	RPLP1	Thick Ascending Limb
2.2101E-38	-0.2218464	0.733	0.786	4.47E-34	8	RPS15	Thick Ascending Limb
1.3437E-19	-0.2075402	0.812	0.813	2.72E-15	8	RPS18	Thick Ascending Limb
2.9151E-34	-0.22373	0.75	0.796	5.89E-30	8	RPL13A	Thick Ascending Limb
1.8443E-33	-0.2337615	0.7	0.766	3.73E-29	8	RPL32	Thick Ascending Limb
2.9115E-28	-0.2332703	0.751	0.786	5.88E-24	8	RPL10	Thick Ascending Limb
2.9342E-37	-0.258755	0.606	0.695	5.93E-33	8	RPS8	Thick Ascending Limb
8.0577E-62	-0.336731	0.426	0.605	1.63E-57	8	RPS15A	Thick Ascending Limb
1.7614E-06	-0.2451545	0.566	0.567	0.035594	8	FTH1	Thick Ascending Limb
3.7561E-47	-0.2615874	0.777	0.822	7.59E-43	8	RPL13	Thick Ascending Limb
4.2082E-41	-0.2595243	0.952	0.947	8.5E-37	8	RPL34	Thick Ascending Limb
4.1968E-30	-0.3314298	0.476	0.586	8.48E-26	8	FOS	Thick Ascending Limb
1.3236E-48	-0.2808255	0.893	0.908	2.67E-44	8	RPL21	Thick Ascending Limb
6.8832E-50	-0.2786405	0.952	0.946	1.39E-45	8	RPS27	Thick Ascending Limb
3.0168E-40	-0.3325085	0.564	0.659	6.1E-36	8	ACTB	Thick Ascending Limb
2.1978E-77	-0.3570538	0.693	0.806	4.44E-73	8	RPS19	Thick Ascending Limb
5.522E-79	-0.3999315	0.684	0.796	1.12E-74	8	TMSB10	Thick Ascending Limb
4.253E-116	-0.4523721	0.783	0.874	8.6E-112	8	RPL39	Thick Ascending Limb
1.846E-250	-0.7915296	0.669	0.893	3.7E-246	8	TMSB4X	Thick Ascending Limb
2.306E-185	-0.707021	0.909	0.956	4.7E-181	8	B2M	Thick Ascending Limb
8.0076E-57	-0.7990986	0.605	0.705	1.62E-52	8	FTL	Thick Ascending Limb
4.0422E-18	-1.4786054	0.084	0.17	8.17E-14	8	IGKC	Thick Ascending Limb
0	2.56409235	0.837	0.064	0	9	IGHG1	B cells
0	0.95248667	0.51	0.018	0	9	IGHGP	B cells
0	3.89678455	0.964	0.147	0	9	IGKC	B cells
0	1.73899747	0.73	0.059	0	9	IGHG3	B cells
0	0.20603379	0.13	0.002	0	9	IGKV1-12	B cells
0	0.47096807	0.378	0.022	0	9	MZB1	B cells
0	0.6564096	0.327	0.029	0	9	JCHAIN	B cells
0	0.20929413	0.254	0.012	0	9	IGHG2	B cells
0	0.83453981	0.617	0.146	0	9	SSR4	B cells
0	0.49633811	0.407	0.069	0	9	XBP1	B cells
0	0.21818136	0.235	0.027	0	9	FKBP11	B cells
3.2917E-63	0.23016997	0.492	0.285	6.65E-59	9	CYBA	B cells

1.5952E-24	-0.2010341	0.127	0.248	3.22E-20	9	IGFBP7	B cells
6.7726E-21	-0.2247609	0.125	0.233	1.37E-16	9	ATP1B1	B cells
1.8335E-34	-0.2350146	0.258	0.416	3.71E-30	9	ITM2B	B cells
7.6477E-15	-0.2577534	0.235	0.331	1.55E-10	9	HLA-DRA	B cells
4.2655E-41	-0.2177238	0.733	0.849	8.62E-37	9	PTMA	B cells
3.9406E-24	-0.2078155	0.721	0.795	7.96E-20	9	MT-ND4L	B cells
9.7855E-45	-0.2369417	0.595	0.741	1.98E-40	9	EEF1A1	B cells
4.7042E-51	-0.3458864	0.257	0.46	9.51E-47	9	S100A6	B cells
9.2294E-23	-0.3033061	0.235	0.361	1.87E-18	9	MT2A	B cells
3.2138E-50	-0.2000864	0.999	1	6.49E-46	9	MT-CO1	B cells
8.1854E-49	-0.202758	1	1	1.65E-44	9	MT-CO3	B cells
3.3754E-22	-0.3627247	0.154	0.269	6.82E-18	9	SPP1	B cells
4.6621E-42	-0.2309708	0.907	0.953	9.42E-38	9	MT-ND1	B cells
5.5382E-54	-0.3160593	0.464	0.662	1.12E-49	9	ACTB	B cells
7.4246E-32	-0.3012949	0.431	0.571	1.5E-27	9	FTH1	B cells
3.1244E-63	-0.3176566	0.626	0.798	6.31E-59	9	TMSB10	B cells
8.9279E-39	-0.2851303	0.781	0.889	1.8E-34	9	TMSB4X	B cells
2.1662E-06	-0.3653087	0.169	0.218	0.043775	9	MT1G	B cells
0	1.36881387	0.751	0.03	0	10	SLPI	Immune/Neutrophils
0	0.37604096	0.129	0.002	0	10	SAA1	Immune/Neutrophils
0	1.47717466	0.818	0.252	0	10	SPP1	Immune/Neutrophils
0	0.91784378	0.685	0.157	0	10	WFDC2	Immune/Neutrophils
0	0.20387561	0.196	0.022	0	10	ITGB6	Immune/Neutrophils
1.12E-136	0.48221897	0.234	0.063	2.3E-132	10	SERPINA1	Immune/Neutrophils
1.177E-233	0.28236826	0.244	0.044	2.4E-229	10	NNMT	Immune/Neutrophils
7.14E-266	0.32534182	0.339	0.073	1.4E-261	10	MUC1	Immune/Neutrophils
6.544E-221	0.30747714	0.305	0.068	1.3E-216	10	MMP7	Immune/Neutrophils
1.2E-172	0.40233674	0.43	0.151	2.4E-168	10	CD24	Immune/Neutrophils
1.483E-212	0.3752014	0.529	0.179	3E-208	10	CLU	Immune/Neutrophils
8.449E-170	0.32494596	0.47	0.162	1.7E-165	10	DEFB1	Immune/Neutrophils
1.999E-155	0.37402522	0.51	0.203	4E-151	10	FXYD2	Immune/Neutrophils
4.202E-131	0.50724452	0.708	0.449	8.5E-127	10	S100A6	Immune/Neutrophils
5.332E-124	0.23902336	0.287	0.089	1.1E-119	10	CRYAB	Immune/Neutrophils
3.804E-101	0.20350629	0.271	0.093	7.69E-97	10	S100A13	Immune/Neutrophils
7.8166E-62	0.2140915	0.415	0.217	1.58E-57	10	ADIRF	Immune/Neutrophils
3.2107E-50	0.20898279	0.371	0.205	6.49E-46	10	HSPB1	Immune/Neutrophils
8.6263E-91	0.33647977	0.985	0.951	1.74E-86	10	MT-ND1	Immune/Neutrophils
8.8938E-38	0.3219051	0.837	0.792	1.8E-33	10	MT-ND4L	Immune/Neutrophils
2.5469E-34	0.23412639	0.925	0.885	5.15E-30	10	MT-ND5	Immune/Neutrophils
3.5721E-74	0.20523487	1	1	7.22E-70	10	MT-CO2	Immune/Neutrophils
1.3051E-64	0.20061449	1	1	2.64E-60	10	MT-CO1	Immune/Neutrophils
3.3133E-36	-0.2333526	0.031	0.16	6.7E-32	10	CCL5	Immune/Neutrophils
2.834E-89	-0.3708127	0.039	0.299	5.73E-85	10	SRGN	Immune/Neutrophils
6.4246E-52	-0.2514478	0.044	0.221	1.3E-47	10	CXCR4	Immune/Neutrophils
3.0012E-45	-0.2645184	0.039	0.196	6.06E-41	10	AIF1	Immune/Neutrophils
6.7437E-37	-0.3213361	0.027	0.155	1.36E-32	10	LYZ	Immune/Neutrophils
8.9196E-23	-0.2169299	0.035	0.126	1.8E-18	10	C1QA	Immune/Neutrophils
1.4572E-37	-0.238859	0.049	0.188	2.94E-33	10	TYROBP	Immune/Neutrophils

5.9658E-43	-0.2296946	0.069	0.234	1.21E-38	10	S100A4	Immune/Neutrophils
4.195E-36	-0.2032508	0.12	0.277	8.48E-32	10	BTG1	Immune/Neutrophils
7.5194E-12	-0.2031495	0.087	0.154	1.52E-07	10	APOE	Immune/Neutrophils
1.8491E-31	-0.2101804	0.215	0.376	3.74E-27	10	PABPC1	Immune/Neutrophils
6.8818E-31	-0.2598747	0.135	0.283	1.39E-26	10	LGALS1	Immune/Neutrophils
4.6985E-18	-0.203848	0.282	0.391	9.49E-14	10	DUSP1	Immune/Neutrophils
1.7865E-07	-0.2069662	0.135	0.19	0.00361	10	MT1X	Immune/Neutrophils
7.6827E-24	-0.2167587	0.498	0.603	1.55E-19	10	RPS15A	Immune/Neutrophils
7.3668E-17	-0.255959	0.265	0.361	1.49E-12	10	CD74	Immune/Neutrophils
3.6837E-40	-0.2517457	0.879	0.908	7.44E-36	10	RPL21	Immune/Neutrophils
1.3272E-28	-0.292118	0.569	0.659	2.68E-24	10	ACTB	Immune/Neutrophils
6.7502E-45	-0.5371607	0.163	0.333	1.36E-40	10	HLA-DRA	Immune/Neutrophils
4.2819E-44	-0.285587	0.831	0.872	8.65E-40	10	RPL39	Immune/Neutrophils
2.0597E-69	-0.4044952	0.934	0.956	4.16E-65	10	B2M	Immune/Neutrophils
1.516E-152	-0.6350709	0.766	0.89	3.1E-148	10	TMSB4X	Immune/Neutrophils
4.1692E-36	-0.7079605	0.637	0.704	8.43E-32	10	FTL	Immune/Neutrophils
1.0861E-16	-1.3899889	0.083	0.17	2.19E-12	10	IGKC	Immune/Neutrophils
0	1.45079587	0.99	0.035	0	11	GNLY	Tcells
0	0.37065653	0.374	0.059	0	11	NKG7	Tcells
0	0.53941646	0.554	0.147	0	11	CCL5	Tcells
4.917E-305	0.2593644	0.258	0.039	9.9E-301	11	KLRD1	Tcells
6.387E-263	0.22298199	0.21	0.03	1.3E-258	11	GZMB	Tcells
1.397E-237	0.44291487	0.482	0.151	2.8E-233	11	CD52	Tcells
3.113E-131	0.37937316	0.321	0.105	6.3E-127	11	CCL4	Tcells
8.928E-117	0.3317471	0.471	0.21	1.8E-112	11	CXCR4	Tcells
2.432E-116	0.30163309	0.422	0.174	4.9E-112	11	IL32	Tcells
2.251E-106	0.24406878	0.338	0.126	4.5E-102	11	CD69	Tcells
1.145E-99	0.21678421	0.314	0.118	2.31E-95	11	HCST	Tcells
1.0015E-81	0.29346688	0.493	0.268	2.02E-77	11	BTG1	Tcells
2.8714E-65	0.24550048	0.387	0.201	5.8E-61	11	ZFP36L2	Tcells
2.7993E-60	0.23354175	0.418	0.225	5.66E-56	11	S100A4	Tcells
2.7673E-51	0.2677639	0.549	0.368	5.59E-47	11	PABPC1	Tcells
1.908E-111	0.35242766	0.994	0.954	3.9E-107	11	B2M	Tcells
4.728E-108	0.29354451	1	0.997	9.6E-104	11	MALAT1	Tcells
2.4157E-35	0.21644208	0.63	0.49	4.88E-31	11	RPS26	Tcells
5.2997E-74	0.26791644	0.975	0.946	1.07E-69	11	RPS27	Tcells
9.782E-46	0.21701938	0.905	0.848	1.98E-41	11	RPS29	Tcells
1.1926E-30	-0.2281896	0.022	0.132	2.41E-26	11	CXCL2	Tcells
4.4386E-38	-0.3245267	0.023	0.155	8.97E-34	11	LYZ	Tcells
2.1005E-44	-0.2184016	0.05	0.212	4.24E-40	11	NPC2	Tcells
3.7298E-19	-0.2528842	0.03	0.109	7.54E-15	11	IGFBP5	Tcells
4.0311E-35	-0.2160833	0.072	0.214	8.15E-31	11	PSAP	Tcells
1.6722E-40	-0.2203633	0.08	0.241	3.38E-36	11	IFITM3	Tcells
7.7985E-34	-0.234551	0.062	0.196	1.58E-29	11	AIF1	Tcells
1.4185E-61	-0.3086157	0.071	0.282	2.87E-57	11	CST3	Tcells
3.5964E-31	-0.2699056	0.05	0.173	7.27E-27	11	DEFB1	Tcells
8.9065E-48	-0.2778596	0.071	0.249	1.8E-43	11	IGFBP7	Tcells
7.98E-30	-0.2656421	0.052	0.173	1.61E-25	11	WFDC2	Tcells

3.903E-31	-0.2289872	0.081	0.214	7.89E-27	11	FXYD2	T cells
6.607E-17	-0.2386459	0.06	0.142	1.34E-12	11	TIMP1	T cells
1.1766E-27	-0.2713157	0.071	0.191	2.38E-23	11	CLU	T cells
1.3351E-15	-0.2183794	0.074	0.155	2.7E-11	11	APOE	T cells
1.2464E-40	-0.3432538	0.069	0.226	2.52E-36	11	ADIRF	T cells
2.508E-41	-0.3314639	0.075	0.234	5.07E-37	11	ATP1B1	T cells
7.4629E-30	-0.2229445	0.14	0.282	1.51E-25	11	EGR1	T cells
2.9277E-45	-0.2709519	0.224	0.417	5.92E-41	11	ITM2B	T cells
2.5731E-15	-0.2632751	0.106	0.191	5.2E-11	11	MT1X	T cells
2.4086E-44	-0.3613326	0.181	0.363	4.87E-40	11	CD74	T cells
2.4978E-40	-0.3194922	0.248	0.421	5.05E-36	11	SAT1	T cells
4.3755E-44	-0.5123995	0.101	0.271	8.84E-40	11	SPP1	T cells
1.0593E-12	-0.2394669	0.527	0.585	2.14E-08	11	FOS	T cells
1.1779E-32	-0.3249818	0.313	0.459	2.38E-28	11	S100A6	T cells
3.7893E-21	-0.3727323	0.246	0.36	7.66E-17	11	MT2A	T cells
3.5277E-43	-0.5366286	0.166	0.333	7.13E-39	11	HLA-DRA	T cells
3.053E-40	-0.376447	0.418	0.571	6.17E-36	11	FTH1	T cells
1.5024E-06	-0.4798675	0.168	0.218	0.03036	11	MT1G	T cells
2.8676E-25	-0.6304605	0.626	0.705	5.79E-21	11	FTL	T cells
0	3.99942809	0.791	0.064	0	12	IGLC2	B cells
0	3.33975612	0.665	0.046	0	12	IGLC3	B cells
0	1.40859998	0.263	0.012	0	12	IGHG2	B cells
0	2.22572284	0.743	0.067	0	12	IGHG1	B cells
0	1.48794773	0.633	0.062	0	12	IGHG3	B cells
0	0.70067773	0.346	0.022	0	12	IGHGP	B cells
0	0.74157829	0.248	0.021	0	12	IGHG4	B cells
0	0.43563465	0.359	0.023	0	12	MZB1	B cells
0	0.57137331	0.312	0.03	0	12	JCHAIN	B cells
2.178E-161	0.5067987	0.102	0.012	4.4E-157	12	IGLV3-21	B cells
0	0.71996044	0.562	0.148	0	12	SSR4	B cells
0	0.4070219	0.355	0.071	0	12	XBP1	B cells
1.7614E-57	1.0208465	0.323	0.164	3.56E-53	12	IGKC	B cells
3.5425E-19	-0.2111883	0.118	0.224	7.16E-15	12	ADIRF	B cells
7.7017E-10	-0.2013107	0.081	0.141	1.56E-05	12	TIMP1	B cells
8.5213E-35	-0.2399054	0.249	0.416	1.72E-30	12	ITM2B	B cells
2.0963E-18	-0.2018835	0.304	0.419	4.24E-14	12	SAT1	B cells
1.4608E-14	-0.2054313	0.267	0.361	2.95E-10	12	CD74	B cells
8.9985E-15	-0.2271357	0.259	0.36	1.82E-10	12	MT2A	B cells
2.7272E-42	-0.3229292	0.272	0.46	5.51E-38	12	S100A6	B cells
3.7928E-48	-0.2350303	0.692	0.85	7.66E-44	12	PTMA	B cells
9.312E-47	-0.2473809	0.586	0.741	1.88E-42	12	EEF1A1	B cells
1.7787E-17	-0.3219285	0.165	0.269	3.59E-13	12	SPP1	B cells
1.1543E-20	-0.3143958	0.214	0.332	2.33E-16	12	HLA-DRA	B cells
5.4225E-51	-0.3252044	0.472	0.661	1.1E-46	12	ACTB	B cells
2.2639E-38	-0.3237899	0.411	0.571	4.57E-34	12	FTH1	B cells
1.7758E-66	-0.3332565	0.582	0.799	3.59E-62	12	TMSB10	B cells
0.00080094	-0.3107927	0.181	0.217	1	12	MT1G	B cells
3.8686E-50	-0.3266847	0.775	0.889	7.82E-46	12	TMSB4X	B cells

0.00025493	-0.3306714	0.692	0.703	1	12	FTL	B cells
0	0.51371591	0.425	0.005	0	13	FCER1A	Immune/Dendritic, APC
0	0.22416935	0.195	0.002	0	13	CD1E	Immune/Dendritic, APC
0	1.01116067	0.861	0.152	0	13	HLA-DPB1	Immune/Dendritic, APC
0	0.7866747	0.778	0.13	0	13	HLA-DPA1	Immune/Dendritic, APC
0	0.84079599	0.784	0.145	0	13	HLA-DRB1	Immune/Dendritic, APC
0	0.44023327	0.478	0.048	0	13	HLA-DQB1	Immune/Dendritic, APC
0	1.39980468	0.974	0.313	0	13	HLA-DRA	Immune/Dendritic, APC
0	0.3888128	0.405	0.039	0	13	HLA-DQA2	Immune/Dendritic, APC
0	0.45383474	0.502	0.064	0	13	HLA-DQA1	Immune/Dendritic, APC
0	0.77996154	0.642	0.141	0	13	RGS1	Immune/Dendritic, APC
0	0.62789697	0.599	0.109	0	13	HLA-DRB5	Immune/Dendritic, APC
0	0.53355854	0.379	0.073	0	13	AREG	Immune/Dendritic, APC
0	0.30658434	0.348	0.041	0	13	RNASE6	Immune/Dendritic, APC
0	0.93615299	0.926	0.344	0	13	CD74	Immune/Dendritic, APC
0	0.59635425	0.669	0.192	0	13	GPX1	Immune/Dendritic, APC
0	0.23189513	0.25	0.029	0	13	PHACTR1	Immune/Dendritic, APC
0	0.20123344	0.231	0.024	0	13	OGFRL1	Immune/Dendritic, APC
0	0.30094445	0.351	0.057	0	13	MNDA	Immune/Dendritic, APC
0	0.43273133	0.504	0.12	0	13	SGK1	Immune/Dendritic, APC
0	0.65135068	0.72	0.266	0	13	CST3	Immune/Dendritic, APC
0	0.22122242	0.246	0.034	0	13	GPR183	Immune/Dendritic, APC
0	0.42629741	0.61	0.174	0	13	TYROBP	Immune/Dendritic, APC
6.882E-254	0.41420302	0.504	0.143	1.4E-249	13	LYZ	Immune/Dendritic, APC
2.213E-243	0.30549867	0.372	0.087	4.5E-239	13	11-1143G9	Immune/Dendritic, APC
3.094E-261	0.2212402	0.265	0.045	6.3E-257	13	IFNGR1	Immune/Dendritic, APC
7.726E-270	0.24667112	0.316	0.061	1.6E-265	13	KCTD12	Immune/Dendritic, APC
5.288E-230	0.29749526	0.354	0.084	1.1E-225	13	MS4A6A	Immune/Dendritic, APC
1.102E-260	0.2700679	0.37	0.082	2.2E-256	13	LST1	Immune/Dendritic, APC
2.102E-243	0.41974517	0.6	0.207	4.2E-239	13	CXCR4	Immune/Dendritic, APC
9.28E-219	0.29011289	0.344	0.083	1.9E-214	13	RGS2	Immune/Dendritic, APC
4.853E-245	0.23774724	0.327	0.069	9.8E-241	13	HLA-DMA	Immune/Dendritic, APC
2.05E-219	0.21346047	0.263	0.051	4.1E-215	13	C1orf162	Immune/Dendritic, APC
3.231E-213	0.25315203	0.356	0.089	6.5E-209	13	CELF2	Immune/Dendritic, APC
5.562E-186	0.22988543	0.306	0.076	1.1E-181	13	CKLF	Immune/Dendritic, APC
3.242E-226	0.53372795	0.851	0.516	6.6E-222	13	RPS24	Immune/Dendritic, APC
1.112E-168	0.2534999	0.36	0.107	2.2E-164	13	HERPUD1	Immune/Dendritic, APC
1.086E-215	0.50787257	0.858	0.522	2.2E-211	13	RPS3A	Immune/Dendritic, APC
8.083E-157	0.2000851	0.252	0.061	1.6E-152	13	ALOX5AP	Immune/Dendritic, APC
7.013E-148	0.22844202	0.31	0.09	1.4E-143	13	YWHAH	Immune/Dendritic, APC
1.334E-142	0.34401175	0.623	0.284	2.7E-138	13	SRGN	Immune/Dendritic, APC
9.399E-185	0.48927861	0.863	0.578	1.9E-180	13	RPL26	Immune/Dendritic, APC
3.029E-151	0.40999937	0.776	0.461	6.1E-147	13	RPS13	Immune/Dendritic, APC
2.659E-177	0.4465989	0.874	0.569	5.4E-173	13	RPS23	Immune/Dendritic, APC
3.385E-261	0.59955741	0.995	0.884	6.8E-257	13	TMSB4X	Immune/Dendritic, APC
1.037E-196	0.48172718	0.934	0.687	2.1E-192	13	RPS8	Immune/Dendritic, APC
5.026E-140	0.24435097	0.494	0.185	1E-135	13	AIF1	Immune/Dendritic, APC
3.229E-119	0.21076615	0.304	0.099	6.5E-115	13	MEF2C	Immune/Dendritic, APC

4.188E-162	0.42873679	0.882	0.593	8.5E-158	13	RPS15A	Immune/Dendritic, APC
2.638E-256	0.55354129	0.979	0.869	5.3E-252	13	RPL39	Immune/Dendritic, APC
3.3E-135	0.21324688	0.41	0.142	6.7E-131	13	FCER1G	Immune/Dendritic, APC
4.689E-141	0.39148924	0.861	0.559	9.5E-137	13	RPL12	Immune/Dendritic, APC
1.737E-140	0.38857208	0.838	0.541	3.5E-136	13	RPL11	Immune/Dendritic, APC
4.993E-140	0.39054813	0.844	0.549	1E-135	13	RPL18A	Immune/Dendritic, APC
7.269E-126	0.34379974	0.791	0.471	1.5E-121	13	RPS2	Immune/Dendritic, APC
4.0358E-95	0.2013632	0.296	0.105	8.16E-91	13	CCL3	Immune/Dendritic, APC
3.702E-112	0.30223635	0.656	0.358	7.5E-108	13	RPS11	Immune/Dendritic, APC
4.6606E-93	0.23706296	0.392	0.172	9.42E-89	13	NAP1L1	Immune/Dendritic, APC
2.115E-118	0.35455207	0.821	0.541	4.3E-114	13	RPL23A	Immune/Dendritic, APC
1.861E-123	0.36577451	0.852	0.587	3.8E-119	13	RPL28	Immune/Dendritic, APC
3.6519E-95	0.21598522	0.368	0.15	7.38E-91	13	TRA2B	Immune/Dendritic, APC
5.881E-94	0.29851597	0.646	0.366	1.19E-89	13	PABPC1	Immune/Dendritic, APC
3.536E-111	0.33257752	0.8	0.513	7.1E-107	13	RPL35A	Immune/Dendritic, APC
8.045E-103	0.29600871	0.693	0.401	1.63E-98	13	UBA52	Immune/Dendritic, APC
3.172E-205	0.4557533	0.983	0.905	6.4E-201	13	RPL21	Immune/Dendritic, APC
2.96E-102	0.31338749	0.776	0.495	5.98E-98	13	RPL27A	Immune/Dendritic, APC
4.599E-147	0.41347983	0.927	0.781	9.3E-143	13	RPL10	Immune/Dendritic, APC
8.0869E-92	0.25879069	0.585	0.313	1.63E-87	13	RPL30	Immune/Dendritic, APC
5.6588E-91	0.26586158	0.618	0.345	1.14E-86	13	RPL27	Immune/Dendritic, APC
2.035E-203	0.44201094	0.991	0.946	4.1E-199	13	RPL34	Immune/Dendritic, APC
5.627E-137	0.37208664	0.937	0.76	1.1E-132	13	RPL32	Immune/Dendritic, APC
1.593E-144	0.38144203	0.954	0.8	3.2E-140	13	RPS19	Immune/Dendritic, APC
6.0913E-74	0.24458673	0.528	0.286	1.23E-69	13	TXNIP	Immune/Dendritic, APC
2.82E-136	0.36934507	0.939	0.78	5.7E-132	13	RPS15	Immune/Dendritic, APC
6.376E-105	0.31758046	0.868	0.624	1.3E-100	13	RPL35	Immune/Dendritic, APC
1.296E-135	0.37050801	0.954	0.81	2.6E-131	13	RPS18	Immune/Dendritic, APC
4.7548E-80	0.23715458	0.556	0.304	9.61E-76	13	RPL23	Immune/Dendritic, APC
1.6054E-92	0.3036885	0.838	0.589	3.24E-88	13	RPS6	Immune/Dendritic, APC
4.077E-115	0.33925324	0.892	0.707	8.2E-111	13	RPS14	Immune/Dendritic, APC
1.8639E-77	0.25808422	0.64	0.386	3.77E-73	13	RPL37	Immune/Dendritic, APC
2.8955E-83	0.2668197	0.727	0.458	5.85E-79	13	RPS17	Immune/Dendritic, APC
4.9761E-72	0.25493601	0.621	0.374	1.01E-67	13	H3F3A	Immune/Dendritic, APC
3.1984E-79	0.26101058	0.69	0.426	6.46E-75	13	RPL31	Immune/Dendritic, APC
2.6624E-71	0.26284806	0.689	0.444	5.38E-67	13	RPS4X	Immune/Dendritic, APC
3.1453E-74	0.27184375	0.732	0.489	6.36E-70	13	RPL7	Immune/Dendritic, APC
2.7157E-83	0.28401118	0.829	0.586	5.49E-79	13	RPLP2	Immune/Dendritic, APC
1.716E-123	0.34014126	0.954	0.818	3.5E-119	13	RPL13	Immune/Dendritic, APC
5.4894E-77	0.27133049	0.8	0.557	1.11E-72	13	RPS25	Immune/Dendritic, APC
2.4393E-69	0.25017642	0.66	0.424	4.93E-65	13	FAU	Immune/Dendritic, APC
8.227E-130	0.33792826	0.964	0.847	1.7E-125	13	RPS29	Immune/Dendritic, APC
1.363E-157	0.36180599	0.994	0.945	2.8E-153	13	RPS27	Immune/Dendritic, APC
9.163E-110	0.31598913	0.923	0.767	1.9E-105	13	RPS27A	Immune/Dendritic, APC
3.206E-66	0.21849017	0.572	0.331	6.48E-62	13	RPL10A	Immune/Dendritic, APC
3.48E-66	0.23979589	0.661	0.42	7.03E-62	13	RPL15	Immune/Dendritic, APC
4.5236E-64	0.24846436	0.657	0.434	9.14E-60	13	RPL9	Immune/Dendritic, APC
1.645E-100	0.31659626	0.939	0.791	3.32E-96	13	RPL13A	Immune/Dendritic, APC

2.3206E-64	0.23153725	0.627	0.389	4.69E-60	13	RPS5	Immune/Dendritic, APC
3.3182E-67	0.20131128	0.524	0.284	6.71E-63	13	CYBA	Immune/Dendritic, APC
4.7064E-65	0.21171314	0.543	0.311	9.51E-61	13	RPS7	Immune/Dendritic, APC
7.2691E-64	0.24768256	0.677	0.454	1.47E-59	13	RPL19	Immune/Dendritic, APC
6.553E-63	0.22294435	0.66	0.419	1.32E-58	13	RPS3	Immune/Dendritic, APC
3.7017E-69	0.25796038	0.819	0.605	7.48E-65	13	RPS12	Immune/Dendritic, APC
1.9902E-62	0.25052125	0.78	0.56	4.02E-58	13	TPT1	Immune/Dendritic, APC
4.4188E-83	0.28492573	0.944	0.79	8.93E-79	13	TMSB10	Immune/Dendritic, APC
2.482E-59	0.20393741	0.581	0.351	5.02E-55	13	RPL18	Immune/Dendritic, APC
8.7247E-54	0.20986282	0.631	0.41	1.76E-49	13	RPS20	Immune/Dendritic, APC
2.3355E-46	0.25646095	0.817	0.653	4.72E-42	13	ACTB	Immune/Dendritic, APC
1.6418E-59	0.23717328	0.836	0.633	3.32E-55	13	RPL36	Immune/Dendritic, APC
1.6372E-45	0.20160903	0.632	0.411	3.31E-41	13	SAT1	Immune/Dendritic, APC
6.0354E-48	0.22756156	0.776	0.578	1.22E-43	13	FOS	Immune/Dendritic, APC
2.7966E-56	0.22803226	0.842	0.664	5.65E-52	13	RPS28	Immune/Dendritic, APC
4.0106E-67	0.24112047	0.916	0.8	8.1E-63	13	RPLP1	Immune/Dendritic, APC
7.8497E-75	0.24663548	0.968	0.871	1.59E-70	13	RPL41	Immune/Dendritic, APC
8.2947E-61	0.24519382	0.929	0.844	1.68E-56	13	PTMA	Immune/Dendritic, APC
6.5671E-20	-0.202927	0.026	0.106	1.33E-15	13	CTGF	Immune/Dendritic, APC
9.1361E-39	-0.3078866	0.032	0.173	1.85E-34	13	WFDC2	Immune/Dendritic, APC
1.4915E-48	-0.2955868	0.042	0.215	3.01E-44	13	FXYD2	Immune/Dendritic, APC
2.462E-37	-0.2960773	0.035	0.173	4.98E-33	13	DEFB1	Immune/Dendritic, APC
1.8153E-20	-0.2678151	0.026	0.109	3.67E-16	13	IGFBP5	Immune/Dendritic, APC
1.893E-56	-0.3090618	0.052	0.25	3.83E-52	13	IGFBP7	Immune/Dendritic, APC
4.7022E-54	-0.3954834	0.04	0.226	9.5E-50	13	ADIRF	Immune/Dendritic, APC
1.8563E-37	-0.3089183	0.047	0.192	3.75E-33	13	CLU	Immune/Dendritic, APC
1.0443E-36	-0.2192914	0.086	0.239	2.11E-32	13	DSTN	Immune/Dendritic, APC
3.8781E-23	-0.2002966	0.095	0.207	7.84E-19	13	CTSD	Immune/Dendritic, APC
1.2388E-33	-0.3290567	0.094	0.233	2.5E-29	13	ATP1B1	Immune/Dendritic, APC
3.1426E-08	-0.213526	0.089	0.141	0.000635	13	TIMP1	Immune/Dendritic, APC
1.3137E-49	-0.5424431	0.087	0.271	2.65E-45	13	SPP1	Immune/Dendritic, APC
2.0077E-52	-0.211236	1	1	4.06E-48	13	MT-CO3	Immune/Dendritic, APC
3.4691E-15	-0.2218267	0.813	0.7	7.01E-11	13	FTL	Immune/Dendritic, APC
9.597E-36	-0.3727861	0.32	0.458	1.94E-31	13	S100A6	Immune/Dendritic, APC
9.6251E-42	-0.3002711	0.834	0.888	1.95E-37	13	MT-ND5	Immune/Dendritic, APC
6.3381E-45	-0.2945358	0.927	0.953	1.28E-40	13	MT-ND1	Immune/Dendritic, APC
1.3673E-32	-0.3167031	0.748	0.794	2.76E-28	13	MT-ND4L	Immune/Dendritic, APC
2.4976E-06	-0.5053015	0.172	0.218	0.050472	13	MT1G	Immune/Dendritic, APC
0.00040919	-1.447616	0.137	0.168	1	13	IGKC	Immune/Dendritic, APC
0	1.22963681	0.685	0.013	0	14	RGS5	vSMCs
0	0.43987797	0.291	0.002	0	14	RERGL	vSMCs
0	0.33961616	0.252	0.003	0	14	PLN	vSMCs
0	0.41803454	0.343	0.012	0	14	ACTA2	vSMCs
0	0.31285381	0.266	0.008	0	14	MYH11	vSMCs
0	0.66138313	0.486	0.041	0	14	TAGLN	vSMCs
0	1.25256406	0.76	0.209	0	14	ADIRF	vSMCs
0	0.25540735	0.219	0.013	0	14	C11orf96	vSMCs
0	0.21505094	0.21	0.012	0	14	PLAC9	vSMCs

0	0.63569756	0.559	0.096	0	14	CALD1	vSMCs
0	0.48314912	0.434	0.061	0	14	MYL9	vSMCs
0	0.31859308	0.29	0.031	0	14	TPM2	vSMCs
0	0.47410217	0.41	0.086	0	14	TIMP3	vSMCs
7.567E-237	0.20737882	0.175	0.022	1.5E-232	14	PTN	vSMCs
1.825E-295	0.20579424	0.214	0.027	3.7E-291	14	MYLK	vSMCs
2.547E-258	0.34307812	0.392	0.09	5.1E-254	14	MGP	vSMCs
1.704E-187	0.49961391	0.563	0.227	3.4E-183	14	DSTN	vSMCs
2.587E-199	0.31281621	0.372	0.097	5.2E-195	14	SPARCL1	vSMCs
6.741E-213	0.29150558	0.393	0.1	1.4E-208	14	IGFBP5	vSMCs
9.576E-174	0.27298133	0.315	0.083	1.9E-169	14	TSC22D1	vSMCs
9.798E-105	0.59401112	0.611	0.351	2E-100	14	MT2A	vSMCs
1.563E-144	0.34573673	0.384	0.132	3.2E-140	14	CRIP1	vSMCs
3.519E-163	0.20624354	0.247	0.056	7.1E-159	14	CAV1	vSMCs
9.4765E-95	0.29431671	0.501	0.239	1.92E-90	14	IGFBP7	vSMCs
2.539E-56	0.30056004	0.466	0.274	5.13E-52	14	EGR1	vSMCs
2.293E-66	0.24479023	0.356	0.172	4.63E-62	14	RHOB	vSMCs
1.9903E-63	0.21605891	0.494	0.274	4.02E-59	14	LGALS1	vSMCs
1.5082E-36	-0.237831	0.044	0.188	3.05E-32	14	TYROBP	vSMCs
1.041E-30	-0.2276894	0.064	0.195	2.1E-26	14	AIF1	vSMCs
2.4281E-27	-0.2834812	0.041	0.155	4.91E-23	14	LYZ	vSMCs
3.4869E-41	-0.2379705	0.117	0.294	7.05E-37	14	CYBA	vSMCs
2.3782E-10	-0.2005597	0.09	0.154	4.81E-06	14	APOE	vSMCs
7.7202E-23	-0.206894	0.171	0.295	1.56E-18	14	SRGN	vSMCs
4.1399E-24	-0.2151919	0.498	0.612	8.37E-20	14	RPS12	vSMCs
1.0071E-22	-0.2146163	0.493	0.603	2.04E-18	14	RPS15A	vSMCs
9.8647E-38	-0.3109742	0.244	0.42	1.99E-33	14	SAT1	vSMCs
4.6644E-40	-0.3598779	0.187	0.362	9.43E-36	14	CD74	vSMCs
6.5692E-21	-0.2041088	0.753	0.805	1.33E-16	14	RPS19	vSMCs
4.567E-40	-0.2654902	0.438	0.597	9.23E-36	14	RPL28	vSMCs
4.5499E-22	-0.2298196	0.601	0.695	9.19E-18	14	NEAT1	vSMCs
9.2428E-43	-0.2432719	0.73	0.852	1.87E-38	14	RPS29	vSMCs
2.7788E-06	-0.226961	0.547	0.568	0.056153	14	FTH1	vSMCs
6.4178E-16	-0.3647672	0.168	0.269	1.3E-11	14	SPP1	vSMCs
1.0715E-41	-0.5140179	0.159	0.333	2.17E-37	14	HLA-DRA	vSMCs
2.446E-38	-0.2745279	0.826	0.872	4.94E-34	14	RPL39	vSMCs
1.224E-28	-0.2987933	0.96	0.955	2.47E-24	14	B2M	vSMCs
1.5412E-65	-0.3809012	0.634	0.797	3.11E-61	14	TMSB10	vSMCs
6.8187E-06	-0.4860968	0.171	0.218	0.137791	14	MT1G	vSMCs
6.9804E-35	-0.6725964	0.61	0.705	1.41E-30	14	FTL	vSMCs
0.00027892	-1.3395391	0.133	0.168	1	14	IGKC	vSMCs
0	0.98387256	0.664	0.016	0	15	AQP2	Principal cells, PC
0	1.34079188	0.847	0.028	0	15	FXYD4	Principal cells, PC
0	0.67970112	0.479	0.015	0	15	AQP3	Principal cells, PC
0	0.204436	0.195	0.006	0	15	PAPPA	Principal cells, PC
0	0.21009904	0.217	0.014	0	15	SMIM22	Principal cells, PC
0	0.31049011	0.31	0.035	0	15	KRT19	Principal cells, PC
0	0.23764326	0.239	0.021	0	15	GATA3	Principal cells, PC

0	0.33647572	0.371	0.055	0	15	CDH16	Principal cells, PC
0	0.22423538	0.227	0.023	0	15	ST6GAL1	Principal cells, PC
0	0.20876117	0.216	0.021	0	15	HSD11B2	Principal cells, PC
5.103E-295	0.26102788	0.293	0.046	1E-290	15	EPCAM	Principal cells, PC
6.628E-182	0.20574581	0.188	0.03	1.3E-177	15	STC1	Principal cells, PC
5.382E-197	0.21984951	0.247	0.046	1.1E-192	15	TACSTD2	Principal cells, PC
1.485E-164	0.34019171	0.457	0.151	3E-160	15	CD24	Principal cells, PC
4.957E-154	0.40103332	0.567	0.223	1E-149	15	ATP1B1	Principal cells, PC
1.673E-165	0.31000142	0.497	0.163	3.4E-161	15	WFDC2	Principal cells, PC
8.035E-121	0.2569733	0.373	0.132	1.6E-116	15	NGFRAP1	Principal cells, PC
3.94E-109	0.20009461	0.282	0.087	8E-105	15	EMX2	Principal cells, PC
1.0839E-84	0.26831402	0.365	0.151	2.19E-80	15	HES1	Principal cells, PC
2.637E-105	0.22578882	0.431	0.164	5.3E-101	15	DEFB1	Principal cells, PC
2.2468E-94	0.21339118	0.441	0.183	4.54E-90	15	CLU	Principal cells, PC
9.7873E-51	0.31445846	0.903	0.79	1.98E-46	15	MT-ND4L	Principal cells, PC
6.362E-72	0.30938547	0.966	0.885	1.29E-67	15	MT-ND5	Principal cells, PC
6.9141E-72	0.28338781	0.989	0.951	1.4E-67	15	MT-ND1	Principal cells, PC
5.427E-89	0.2693308	1	1	1.1E-84	15	MT-CO1	Principal cells, PC
6.0429E-32	0.26767099	1	0.997	1.22E-27	15	MALAT1	Principal cells, PC
3.0356E-58	0.21322514	0.999	0.996	6.13E-54	15	MT-ND2	Principal cells, PC
1.25E-47	0.20506909	1	0.998	2.53E-43	15	MT-ND3	Principal cells, PC
1.9552E-22	-0.2033645	0.019	0.111	3.95E-18	15	CCL3	Principal cells, PC
2.6518E-21	-0.208493	0.018	0.106	5.36E-17	15	CTGF	Principal cells, PC
7.2956E-32	-0.2006564	0.038	0.172	1.47E-27	15	HLA-DPB1	Principal cells, PC
2.9174E-40	-0.2628711	0.036	0.196	5.9E-36	15	AIF1	Principal cells, PC
2.7201E-35	-0.2404808	0.042	0.188	5.5E-31	15	TYROBP	Principal cells, PC
1.7944E-21	-0.2273922	0.032	0.126	3.63E-17	15	C1QA	Principal cells, PC
1.3717E-49	-0.2535755	0.061	0.259	2.77E-45	15	VIM	Principal cells, PC
1.611E-37	-0.2235676	0.06	0.22	3.26E-33	15	CXCR4	Principal cells, PC
1.916E-35	-0.2086865	0.068	0.225	3.87E-31	15	NFKBIA	Principal cells, PC
3.3373E-22	-0.2022321	0.054	0.159	6.74E-18	15	CCL5	Principal cells, PC
9.4684E-63	-0.3255914	0.064	0.297	1.91E-58	15	SRGN	Principal cells, PC
1.7175E-25	-0.2841864	0.041	0.155	3.47E-21	15	LYZ	Principal cells, PC
7.7882E-20	-0.2464572	0.045	0.142	1.57E-15	15	TIMP1	Principal cells, PC
6.788E-39	-0.2264013	0.113	0.294	1.37E-34	15	CYBA	Principal cells, PC
2.6468E-12	-0.2081139	0.079	0.154	5.35E-08	15	APOE	Principal cells, PC
1.9305E-43	-0.2411933	0.161	0.363	3.9E-39	15	HLA-B	Principal cells, PC
2.7384E-28	-0.2191827	0.218	0.376	5.53E-24	15	PABPC1	Principal cells, PC
7.2879E-27	-0.2053208	0.276	0.428	1.47E-22	15	RPS3	Principal cells, PC
2.847E-26	-0.2009104	0.322	0.472	5.75E-22	15	RPS13	Principal cells, PC
3.4151E-31	-0.2139014	0.335	0.505	6.9E-27	15	RPL27A	Principal cells, PC
1.5415E-30	-0.3157769	0.131	0.282	3.12E-26	15	LGALS1	Principal cells, PC
6.142E-28	-0.2145072	0.343	0.497	1.24E-23	15	RPS26	Principal cells, PC
7.3684E-49	-0.3383205	0.179	0.392	1.49E-44	15	DUSP1	Principal cells, PC
5.3367E-10	-0.2478427	0.12	0.19	1.08E-05	15	MT1X	Principal cells, PC
8.1588E-27	-0.2133094	0.449	0.595	1.65E-22	15	RPLP2	Principal cells, PC
2.3773E-25	-0.2204704	0.395	0.533	4.8E-21	15	RPS3A	Principal cells, PC
3.3675E-34	-0.2434913	0.379	0.552	6.81E-30	15	RPL23A	Principal cells, PC

2.327E-48	-0.3097615	0.269	0.483	4.7E-44	15	RPS2	Principal cells, PC
2.0205E-46	-0.387744	0.162	0.363	4.08E-42	15	CD74	Principal cells, PC
1.5551E-25	-0.2096159	0.559	0.671	3.14E-21	15	RPS28	Principal cells, PC
5.4553E-27	-0.2021726	0.793	0.851	1.1E-22	15	RPS29	Principal cells, PC
1.1993E-34	-0.2596565	0.431	0.589	2.42E-30	15	RPL26	Principal cells, PC
2.0389E-31	-0.2181667	0.698	0.786	4.12E-27	15	RPS15	Principal cells, PC
1.2393E-45	-0.2914483	0.381	0.57	2.5E-41	15	TPT1	Principal cells, PC
1.1685E-22	-0.2123634	0.703	0.766	2.36E-18	15	RPL32	Principal cells, PC
7.2039E-26	-0.2041707	0.809	0.847	1.46E-21	15	PTMA	Principal cells, PC
2.5169E-45	-0.2987125	0.369	0.56	5.09E-41	15	RPL18A	Principal cells, PC
5.0146E-33	-0.2570944	0.471	0.613	1.01E-28	15	RPS12	Principal cells, PC
2.2329E-20	-0.223076	0.633	0.694	4.51E-16	15	RPS8	Principal cells, PC
4.1505E-19	-0.2025056	0.951	0.946	8.39E-15	15	RPS27	Principal cells, PC
4.2532E-58	-0.6034527	0.114	0.334	8.59E-54	15	HLA-DRA	Principal cells, PC
3.8989E-50	-0.3081021	0.402	0.598	7.88E-46	15	RPL28	Principal cells, PC
3.0168E-22	-0.2108128	0.947	0.947	6.1E-18	15	RPL34	Principal cells, PC
4.7512E-47	-0.3161012	0.412	0.605	9.6E-43	15	RPS15A	Principal cells, PC
4.512E-35	-0.251646	0.712	0.796	9.12E-31	15	RPL13A	Principal cells, PC
1.2667E-18	-0.3598746	0.24	0.36	2.56E-14	15	MT2A	Principal cells, PC
4.2782E-40	-0.2672404	0.757	0.822	8.65E-36	15	RPL13	Principal cells, PC
1.3224E-33	-0.2748852	0.748	0.815	2.67E-29	15	RPS18	Principal cells, PC
5.6223E-49	-0.3984154	0.381	0.588	1.14E-44	15	FOS	Principal cells, PC
4.7769E-60	-0.3129956	0.679	0.806	9.65E-56	15	RPLP1	Principal cells, PC
7.5586E-43	-0.3015536	0.708	0.787	1.53E-38	15	RPL10	Principal cells, PC
8.1964E-37	-0.3872087	0.413	0.571	1.66E-32	15	FTH1	Principal cells, PC
1.5362E-35	-0.3464638	0.55	0.659	3.1E-31	15	ACTB	Principal cells, PC
4.4463E-56	-0.3396115	0.702	0.806	8.99E-52	15	RPS19	Principal cells, PC
5.0068E-62	-0.3682148	0.809	0.873	1.01E-57	15	RPL39	Principal cells, PC
1.2972E-32	-0.3498006	0.91	0.886	2.62E-28	15	TMSB4X	Principal cells, PC
1.7016E-08	-0.5252187	0.154	0.218	0.000344	15	MT1G	Principal cells, PC
5.4609E-80	-0.4511928	0.657	0.796	1.1E-75	15	TMSB10	Principal cells, PC
6.5835E-65	-0.8501857	0.533	0.706	1.33E-60	15	FTL	Principal cells, PC
6.524E-216	-0.8701571	0.87	0.957	1.3E-211	15	B2M	Principal cells, PC
6.5136E-13	-1.4991869	0.091	0.169	1.32E-08	15	IGKC	Principal cells, PC
0	1.95606124	0.983	0.089	0	16	IGFBP5	Endothelial cells
0	0.41137414	0.302	0.006	0	16	CRHBP	Endothelial cells
0	0.95438534	0.583	0.042	0	16	EMCN	Endothelial cells
0	0.44163434	0.355	0.018	0	16	PLAT	Endothelial cells
0	0.39237466	0.338	0.022	0	16	PLPP3	Endothelial cells
0	0.21377153	0.189	0.007	0	16	SOST	Endothelial cells
0	0.3699512	0.335	0.031	0	16	PLPP1	Endothelial cells
0	0.26008197	0.254	0.018	0	16	PTPRB	Endothelial cells
0	0.57651985	0.482	0.085	0	16	TIMP3	Endothelial cells
0	0.54284224	0.477	0.081	0	16	TGFBR2	Endothelial cells
0	0.4374956	0.412	0.06	0	16	EPAS1	Endothelial cells
0	0.23999967	0.242	0.02	0	16	FLT1	Endothelial cells
0	0.28477705	0.272	0.027	0	16	SLC9A3R2	Endothelial cells
0	0.30909485	0.289	0.033	0	16	PBX1	Endothelial cells

0	0.21356531	0.212	0.018	0	16	LDB2	Endothelial cells
0	0.26567247	0.264	0.028	0	16	SDPR	Endothelial cells
8.632E-285	0.4989242	0.463	0.11	1.7E-280	16	IFI27	Endothelial cells
1.403E-307	0.2850666	0.296	0.044	2.8E-303	16	ADGRF5	Endothelial cells
2.765E-203	0.28584596	0.312	0.068	5.6E-199	16	SPTBN1	Endothelial cells
9.879E-162	0.32265679	0.344	0.092	2E-157	16	MGP	Endothelial cells
2.932E-191	0.28960636	0.344	0.083	5.9E-187	16	GNG11	Endothelial cells
8.475E-161	0.34188507	0.411	0.131	1.7E-156	16	APP	Endothelial cells
5.988E-152	0.28300604	0.362	0.105	1.2E-147	16	SPARC	Endothelial cells
1.312E-117	0.22019966	0.268	0.076	2.7E-113	16	IL6ST	Endothelial cells
3.024E-119	0.21621588	0.278	0.079	6.1E-115	16	CNN3	Endothelial cells
1.901E-103	0.23968175	0.318	0.105	3.8E-99	16	RNASE1	Endothelial cells
1.1367E-82	0.29514307	0.482	0.232	2.3E-78	16	IFITM3	Endothelial cells
3.7907E-34	0.21250938	0.444	0.288	7.66E-30	16	TXNIP	Endothelial cells
1.8617E-34	0.26721294	0.979	0.955	3.76E-30	16	B2M	Endothelial cells
1.0489E-18	-0.2204931	0.036	0.126	2.12E-14	16	C1QA	Endothelial cells
1.9912E-29	-0.2308511	0.053	0.187	4.02E-25	16	TYROBP	Endothelial cells
7.8115E-26	-0.3028632	0.038	0.154	1.58E-21	16	LYZ	Endothelial cells
1.0351E-27	-0.2343804	0.063	0.195	2.09E-23	16	AIF1	Endothelial cells
1.27E-31	-0.2380289	0.119	0.28	2.57E-27	16	CST3	Endothelial cells
5.544E-18	-0.2061599	0.183	0.294	1.12E-13	16	SRGN	Endothelial cells
2.1651E-25	-0.2142128	0.429	0.569	4.38E-21	16	RPL12	Endothelial cells
0.00034929	-0.2071604	0.151	0.19	1	16	MT1X	Endothelial cells
8.2455E-30	-0.2498592	0.321	0.482	1.67E-25	16	RPS2	Endothelial cells
2.9772E-39	-0.3295848	0.223	0.42	6.02E-35	16	SAT1	Endothelial cells
4.1321E-33	-0.254204	0.444	0.597	8.35E-29	16	RPL28	Endothelial cells
8.3354E-32	-0.2180684	0.812	0.874	1.68E-27	16	RPL41	Endothelial cells
3.539E-20	-0.217515	0.757	0.804	7.15E-16	16	RPS19	Endothelial cells
1.4067E-34	-0.2485375	0.71	0.805	2.84E-30	16	RPLP1	Endothelial cells
2.752E-09	-0.3311811	0.193	0.268	5.56E-05	16	SPP1	Endothelial cells
4.7618E-33	-0.2639505	0.818	0.872	9.62E-29	16	RPL39	Endothelial cells
1.4303E-39	-0.3543202	0.516	0.66	2.89E-35	16	ACTB	Endothelial cells
7.1905E-23	-0.3457716	0.47	0.569	1.45E-18	16	FTH1	Endothelial cells
8.892E-58	-0.4895995	0.378	0.588	1.8E-53	16	FOS	Endothelial cells
0.00154741	-0.428743	0.183	0.217	1	16	MT1G	Endothelial cells
1.6155E-28	-0.7077852	0.629	0.704	3.26E-24	16	FTL	Endothelial cells
0	0.78014701	0.569	0.03	0	17	ALDOB	Proximal Tubule
0	1.59412757	0.891	0.121	0	17	GPX3	Proximal Tubule
0	0.42469546	0.348	0.014	0	17	GSTA1	Proximal Tubule
0	0.375678	0.28	0.01	0	17	ALB	Proximal Tubule
0	0.43773534	0.334	0.014	0	17	PRAP1	Proximal Tubule
0	0.34306544	0.28	0.011	0	17	FABP1	Proximal Tubule
0	0.25501888	0.207	0.007	0	17	GSTA2	Proximal Tubule
0	0.80008757	0.572	0.065	0	17	GATM	Proximal Tubule
0	0.20560435	0.182	0.007	0	17	HPD	Proximal Tubule
0	0.38748428	0.31	0.024	0	17	MIOX	Proximal Tubule
0	0.47506146	0.395	0.04	0	17	UGT2B7	Proximal Tubule
0	0.34768357	0.335	0.025	0	17	ASS1	Proximal Tubule

0	0.24282978	0.212	0.012	0	17	CUBN	Proximal Tubule
0	0.49880262	0.437	0.069	0	17	SMIM24	Proximal Tubule
0	0.44871891	0.407	0.058	0	17	PDZK1IP1	Proximal Tubule
0	0.40107514	0.34	0.046	0	17	SUCLG1	Proximal Tubule
0	0.24453498	0.246	0.022	0	17	AK4	Proximal Tubule
7.811E-271	0.8319737	0.644	0.208	1.6E-266	17	MT1G	Proximal Tubule
0	0.57342712	0.576	0.144	0	17	APOE	Proximal Tubule
0	0.20781572	0.209	0.019	0	17	NAT8	Proximal Tubule
6.396E-220	0.26184421	0.268	0.047	1.3E-215	17	C11orf54	Proximal Tubule
5.198E-187	0.20680431	0.213	0.035	1.1E-182	17	LGALS2	Proximal Tubule
2.7E-141	0.20824655	0.223	0.047	5.5E-137	17	MGST1	Proximal Tubule
8.873E-127	0.38236764	0.472	0.183	1.8E-122	17	MT1X	Proximal Tubule
5.588E-114	0.22728918	0.272	0.078	1.1E-109	17	CYB5A	Proximal Tubule
1.317E-134	0.22612789	0.342	0.098	2.7E-130	17	CXCL14	Proximal Tubule
1.1718E-84	0.22284813	0.256	0.082	2.37E-80	17	MT1H	Proximal Tubule
5.4987E-84	0.28264445	0.461	0.206	1.11E-79	17	FXYD2	Proximal Tubule
6.9496E-74	0.31074396	0.466	0.24	1.4E-69	17	UQCRQ	Proximal Tubule
7.6964E-53	0.3045916	0.463	0.277	1.56E-48	17	RPS27L	Proximal Tubule
6.5291E-55	0.31777013	0.562	0.372	1.32E-50	17	COX7C	Proximal Tubule
1.444E-44	0.22512467	0.336	0.176	2.92E-40	17	TXN	Proximal Tubule
6.3274E-34	0.20993836	0.366	0.219	1.28E-29	17	USMG5	Proximal Tubule
5.2741E-37	0.23281689	0.546	0.375	1.07E-32	17	ATP5I	Proximal Tubule
1.3472E-95	0.24429707	0.914	0.698	2.72E-91	17	FTL	Proximal Tubule
5.141E-52	0.24781886	1	0.998	1.04E-47	17	MT-ND3	Proximal Tubule
9.6473E-49	0.22994319	1	1	1.95E-44	17	MT-CO3	Proximal Tubule
7.6755E-32	0.20561756	1	1	1.55E-27	17	MT-CO1	Proximal Tubule
7.9949E-22	-0.2201605	0.03	0.131	1.62E-17	17	CXCL2	Proximal Tubule
1.1393E-19	-0.2207627	0.032	0.126	2.3E-15	17	C1QA	Proximal Tubule
4.1779E-28	-0.2275267	0.053	0.187	8.44E-24	17	TYROBP	Proximal Tubule
2.868E-39	-0.2421785	0.078	0.259	5.8E-35	17	VIM	Proximal Tubule
6.7336E-28	-0.238967	0.06	0.195	1.36E-23	17	AIF1	Proximal Tubule
4.9939E-22	-0.286669	0.046	0.154	1.01E-17	17	LYZ	Proximal Tubule
3.1814E-17	-0.2469658	0.05	0.142	6.43E-13	17	TIMP1	Proximal Tubule
6.9198E-17	-0.2161608	0.073	0.172	1.4E-12	17	DEFB1	Proximal Tubule
3.2968E-26	-0.2119886	0.123	0.266	6.66E-22	17	ZFP36	Proximal Tubule
7.7942E-34	-0.2586882	0.112	0.282	1.58E-29	17	EGR1	Proximal Tubule
3.883E-09	-0.2199607	0.051	0.108	7.85E-05	17	IGFBP5	Proximal Tubule
4.1065E-31	-0.2060068	0.185	0.362	8.3E-27	17	HLA-B	Proximal Tubule
2.2302E-25	-0.2207581	0.15	0.295	4.51E-21	17	SRGN	Proximal Tubule
1.1972E-32	-0.3038337	0.114	0.282	2.42E-28	17	LGALS1	Proximal Tubule
8.801E-30	-0.2780134	0.224	0.391	1.78E-25	17	DUSP1	Proximal Tubule
1.3882E-08	-0.2034439	0.358	0.417	0.000281	17	SAT1	Proximal Tubule
3.733E-33	-0.3507917	0.19	0.362	7.54E-29	17	CD74	Proximal Tubule
6.0365E-55	-0.4088008	0.21	0.46	1.22E-50	17	S100A6	Proximal Tubule
8.3756E-57	-0.3424728	0.46	0.698	1.69E-52	17	NEAT1	Proximal Tubule
9.6446E-63	-0.3104592	0.664	0.85	1.95E-58	17	PTMA	Proximal Tubule
2.3123E-37	-0.5215739	0.155	0.332	4.67E-33	17	HLA-DRA	Proximal Tubule
1.2976E-44	-0.3615748	0.486	0.66	2.62E-40	17	ACTB	Proximal Tubule

4.6815E-65	-0.4066838	0.631	0.797	9.46E-61	17	TMSB10	Proximal Tubule
1.5762E-73	-0.5749983	0.332	0.588	3.19E-69	17	FOS	Proximal Tubule
5.4531E-60	-0.3627211	0.95	0.998	1.1E-55	17	MALAT1	Proximal Tubule
5.8121E-77	-0.4825643	0.863	0.957	1.17E-72	17	B2M	Proximal Tubule
4.453E-99	-0.5606537	0.706	0.89	9E-95	17	TMSB4X	Proximal Tubule
0	1.18171358	1	0.017	0	18	SPINK1	Immune/Granulocytes
2.716E-132	0.38559532	0.458	0.164	5.5E-128	18	WFDC2	Immune/Granulocytes
3.726E-115	0.42181612	0.414	0.163	7.5E-111	18	MTRNR2L12	Immune/Granulocytes
1.413E-260	0.71158254	0.979	0.789	2.9E-256	18	MT-ND4L	Immune/Granulocytes
4.7354E-83	0.3205557	0.394	0.166	9.57E-79	18	DEFB1	Immune/Granulocytes
2.259E-216	0.59541295	0.985	0.884	4.6E-212	18	MT-ND5	Immune/Granulocytes
4.9465E-67	0.21136135	0.242	0.085	1E-62	18	S100A2	Immune/Granulocytes
4.557E-217	0.56820485	0.997	0.951	9.2E-213	18	MT-ND1	Immune/Granulocytes
6.137E-73	0.27066535	0.402	0.184	1.24E-68	18	CLU	Immune/Granulocytes
5.738E-47	0.30333211	0.348	0.192	1.16E-42	18	MT-ATP8	Immune/Granulocytes
2.2026E-53	0.26696131	0.423	0.226	4.45E-49	18	ATP1B1	Immune/Granulocytes
6.3767E-35	0.25853417	0.34	0.206	1.29E-30	18	HSPB1	Immune/Granulocytes
3.0516E-35	0.24354552	0.357	0.208	6.17E-31	18	FXYD2	Immune/Granulocytes
5.2646E-71	0.20891104	0.504	0.262	1.06E-66	18	SPP1	Immune/Granulocytes
1.172E-109	0.3220842	1	0.989	2.4E-105	18	MT-CYB	Immune/Granulocytes
2.4214E-19	0.24263286	0.442	0.378	4.89E-15	18	ATP5I	Immune/Granulocytes
9.6834E-81	0.20570128	1	1	1.96E-76	18	MT-CO2	Immune/Granulocytes
2.0316E-35	-0.2135058	0.008	0.151	4.11E-31	18	FCER1G	Immune/Granulocytes
1.4446E-25	-0.2200544	0.006	0.111	2.92E-21	18	CCL3	Immune/Granulocytes
6.6675E-55	-0.2840776	0.011	0.22	1.35E-50	18	CXCR4	Immune/Granulocytes
4.7985E-30	-0.2490787	0.008	0.131	9.7E-26	18	CXCL2	Immune/Granulocytes
3.6818E-35	-0.2237634	0.011	0.155	7.44E-31	18	RGS1	Immune/Granulocytes
4.9642E-37	-0.2559027	0.01	0.16	1E-32	18	CCL5	Immune/Granulocytes
1.2846E-28	-0.2525721	0.008	0.126	2.6E-24	18	C1QA	Immune/Granulocytes
3.0007E-79	-0.3927649	0.017	0.298	6.06E-75	18	SRGN	Immune/Granulocytes
1.7814E-21	-0.2150775	0.012	0.106	3.6E-17	18	CTGF	Immune/Granulocytes
5.2183E-42	-0.2717806	0.017	0.188	1.05E-37	18	TYROBP	Immune/Granulocytes
5.4062E-35	-0.2101334	0.021	0.172	1.09E-30	18	HLA-DPB1	Immune/Granulocytes
5.0593E-31	-0.3227597	0.02	0.155	1.02E-26	18	LYZ	Immune/Granulocytes
1.2531E-40	-0.2255609	0.043	0.226	2.53E-36	18	NFKBIA	Immune/Granulocytes
4.9785E-40	-0.2050547	0.054	0.243	1.01E-35	18	SH3BGRL3	Immune/Granulocytes
1.4299E-35	-0.2540597	0.036	0.196	2.89E-31	18	AIF1	Immune/Granulocytes
1.7766E-51	-0.273682	0.047	0.267	3.59E-47	18	ZFP36	Immune/Granulocytes
5.7688E-44	-0.2374733	0.057	0.259	1.17E-39	18	VIM	Immune/Granulocytes
6.1933E-38	-0.2017618	0.069	0.256	1.25E-33	18	ZFP36L1	Immune/Granulocytes
1.2535E-46	-0.2458678	0.064	0.278	2.53E-42	18	BTG1	Immune/Granulocytes
5.4047E-35	-0.2212118	0.061	0.233	1.09E-30	18	S100A4	Immune/Granulocytes
9.7673E-41	-0.2317564	0.07	0.267	1.97E-36	18	FOSB	Immune/Granulocytes
1.0305E-45	-0.248307	0.077	0.294	2.08E-41	18	CYBA	Immune/Granulocytes
5.0506E-19	-0.2440277	0.041	0.142	1.02E-14	18	TIMP1	Immune/Granulocytes
1.1187E-46	-0.2613596	0.085	0.307	2.26E-42	18	KLF6	Immune/Granulocytes
4.5744E-42	-0.221172	0.134	0.363	9.24E-38	18	HLA-B	Immune/Granulocytes
4.1836E-37	-0.2578731	0.093	0.282	8.45E-33	18	EGR1	Immune/Granulocytes

1.4695E-84	-0.4563943	0.076	0.394	2.97E-80	18	DUSP1	Immune/Granulocytes
1.01E-73	-0.3347139	0.123	0.438	2.04E-69	18	H3F3B	Immune/Granulocytes
2.2293E-33	-0.2027357	0.207	0.429	4.5E-29	18	RPS3	Immune/Granulocytes
1.4826E-34	-0.2051218	0.262	0.506	3E-30	18	RPL27A	Immune/Granulocytes
3.7248E-34	-0.2145483	0.261	0.499	7.53E-30	18	RPL7	Immune/Granulocytes
2.6567E-51	-0.2713364	0.2	0.474	5.37E-47	18	RPS13	Immune/Granulocytes
2.7757E-27	-0.2783259	0.118	0.282	5.61E-23	18	LGALS1	Immune/Granulocytes
5.7744E-30	-0.202111	0.32	0.552	1.17E-25	18	RPL23A	Immune/Granulocytes
1.3723E-33	-0.2118051	0.312	0.553	2.77E-29	18	RPL11	Immune/Granulocytes
5.8616E-42	-0.2446121	0.244	0.499	1.18E-37	18	RPS26	Immune/Granulocytes
9.249E-71	-0.6607059	0.063	0.334	1.87E-66	18	HLA-DRA	Immune/Granulocytes
1.2296E-41	-0.2491362	0.265	0.525	2.48E-37	18	RPL35A	Immune/Granulocytes
1.7432E-48	-0.2884619	0.217	0.484	3.52E-44	18	RPS2	Immune/Granulocytes
9.8266E-12	-0.2402546	0.103	0.19	1.99E-07	18	MT1X	Immune/Granulocytes
2.1013E-27	-0.2094383	0.396	0.614	4.25E-23	18	RPS12	Immune/Granulocytes
2.4651E-34	-0.2339596	0.347	0.59	4.98E-30	18	RPL26	Immune/Granulocytes
3.7545E-40	-0.254158	0.338	0.599	7.59E-36	18	RPL28	Immune/Granulocytes
1.438E-58	-0.3225564	0.24	0.536	2.91E-54	18	RPS3A	Immune/Granulocytes
1.6343E-46	-0.288733	0.291	0.561	3.3E-42	18	RPL18A	Immune/Granulocytes
8.3294E-38	-0.3476389	0.158	0.362	1.68E-33	18	CD74	Immune/Granulocytes
3.239E-88	-0.4094483	0.218	0.572	6.55E-84	18	TPT1	Immune/Granulocytes
0.00052669	-0.2186536	0.293	0.359	1	18	MT2A	Immune/Granulocytes
1.6428E-57	-0.3563441	0.319	0.606	3.32E-53	18	RPS15A	Immune/Granulocytes
1.2988E-24	-0.211048	0.696	0.773	2.62E-20	18	RPS27A	Immune/Granulocytes
5.1543E-22	-0.2054646	0.798	0.821	1.04E-17	18	RPL13	Immune/Granulocytes
1.0453E-14	-0.2307305	0.63	0.694	2.11E-10	18	NEAT1	Immune/Granulocytes
3.7066E-18	-0.2250092	0.801	0.803	7.49E-14	18	RPS19	Immune/Granulocytes
2.5112E-24	-0.2412447	0.742	0.786	5.07E-20	18	RPL10	Immune/Granulocytes
1.1314E-27	-0.3507095	0.384	0.571	2.29E-23	18	FTH1	Immune/Granulocytes
3.7947E-41	-0.2658635	0.798	0.847	7.67E-37	18	PTMA	Immune/Granulocytes
6.5429E-56	-0.4191405	0.448	0.661	1.32E-51	18	ACTB	Immune/Granulocytes
2.9748E-40	-0.2891343	0.96	0.947	6.01E-36	18	RPL34	Immune/Granulocytes
7.7698E-46	-0.3024439	0.888	0.908	1.57E-41	18	RPL21	Immune/Granulocytes
2.3927E-36	-0.337128	0.755	0.794	4.84E-32	18	TMSB10	Immune/Granulocytes
6.1904E-53	-0.3229268	1	0.997	1.25E-48	18	MALAT1	Immune/Granulocytes
8.7774E-79	-0.6404777	0.337	0.588	1.77E-74	18	FOS	Immune/Granulocytes
1.059E-105	-0.5040378	0.792	0.873	2.1E-101	18	RPL39	Immune/Granulocytes
1.6662E-20	-1.5462394	0.057	0.17	3.37E-16	18	IGKC	Immune/Granulocytes
4.858E-99	-0.6089473	0.886	0.886	9.82E-95	18	TMSB4X	Immune/Granulocytes
1.1493E-16	-0.7360029	0.736	0.702	2.32E-12	18	FTL	Immune/Granulocytes
1.599E-211	-0.9169902	0.926	0.956	3.2E-207	18	B2M	Immune/Granulocytes
0	0.66381076	0.315	0.001	0	19	LUM	Mesangial cells
0	0.74666053	0.398	0.003	0	19	COL1A1	Mesangial cells
0	0.96472157	0.552	0.008	0	19	COL1A2	Mesangial cells
0	0.92614474	0.486	0.008	0	19	COL3A1	Mesangial cells
0	0.43699516	0.351	0.005	0	19	COL6A3	Mesangial cells
0	0.6257521	0.267	0.009	0	19	TFPI2	Mesangial cells
0	1.41094721	0.581	0.058	0	19	FN1	Mesangial cells

0	0.44758011	0.305	0.012	0	19	CCDC80	Mesangial cells
0	1.9015884	0.747	0.13	0	19	TIMP1	Mesangial cells
0	0.77900437	0.513	0.044	0	19	TAGLN	Mesangial cells
0	0.46189757	0.273	0.016	0	19	SERPINE2	Mesangial cells
0	0.52033289	0.413	0.031	0	19	TPM2	Mesangial cells
0	0.24159093	0.216	0.008	0	19	SULF1	Mesangial cells
3.564E-279	1.33941256	0.438	0.091	7.2E-275	19	MGP	Mesangial cells
0	0.20531471	0.211	0.007	0	19	LTBP1	Mesangial cells
0	0.47324629	0.297	0.025	0	19	DCN	Mesangial cells
0	0.27990721	0.261	0.013	0	19	COL6A2	Mesangial cells
0	0.30754448	0.208	0.012	0	19	POSTN	Mesangial cells
0	0.21570955	0.186	0.009	0	19	SERPINE1	Mesangial cells
0	1.46483304	0.771	0.271	0	19	LGALS1	Mesangial cells
0	0.41508085	0.313	0.032	0	19	IGFBP6	Mesangial cells
0	0.25835076	0.271	0.019	0	19	BGN	Mesangial cells
0	0.27751591	0.299	0.023	0	19	FSTL1	Mesangial cells
0	0.60009173	0.595	0.099	0	19	CALD1	Mesangial cells
7.016E-253	0.24249954	0.181	0.017	1.4E-248	19	ACTA2	Mesangial cells
1.701E-231	1.15604933	0.781	0.35	3.4E-227	19	MT2A	Mesangial cells
4.538E-226	0.50134838	0.447	0.105	9.2E-222	19	SPARC	Mesangial cells
1.247E-270	0.34159957	0.38	0.065	2.5E-266	19	MYL9	Mesangial cells
4.583E-215	0.26245571	0.283	0.046	9.3E-211	19	NNMT	Mesangial cells
4.74E-189	0.59579126	0.643	0.249	9.6E-185	19	VIM	Mesangial cells
8.955E-214	0.2358814	0.269	0.042	1.8E-209	19	VCAN	Mesangial cells
5.072E-148	0.38452608	0.38	0.099	1E-143	19	CTGF	Mesangial cells
3.907E-162	0.28999974	0.296	0.062	7.9E-158	19	CYR61	Mesangial cells
2.592E-101	0.81593664	0.707	0.451	5.24E-97	19	S100A6	Mesangial cells
4.926E-175	0.28968424	0.375	0.088	1E-170	19	TPM1	Mesangial cells
1.117E-181	0.25724092	0.337	0.072	2.3E-177	19	TPM4	Mesangial cells
1.25E-125	0.3666064	0.376	0.116	2.5E-121	19	ANXA2	Mesangial cells
4.506E-87	0.33472909	0.25	0.071	9.11E-83	19	CCL2	Mesangial cells
5.85E-110	0.47750678	0.529	0.241	1.2E-105	19	GAPDH	Mesangial cells
9.196E-139	0.22661514	0.311	0.075	1.9E-134	19	SELM	Mesangial cells
2.0613E-94	0.26986728	0.321	0.103	4.17E-90	19	EMP3	Mesangial cells
2.4265E-85	0.37351867	0.528	0.24	4.9E-81	19	IGFBP7	Mesangial cells
2.182E-81	0.25943537	0.285	0.09	4.41E-77	19	TIMP3	Mesangial cells
2.4014E-77	0.26707621	0.287	0.095	4.85E-73	19	THBS1	Mesangial cells
3.7179E-46	0.32211348	0.259	0.105	7.51E-42	19	IGFBP5	Mesangial cells
4.0149E-41	0.4162444	0.41	0.219	8.11E-37	19	ADIRF	Mesangial cells
3.381E-106	0.26452891	0.396	0.135	6.8E-102	19	ITGB1	Mesangial cells
3.9484E-88	0.37994736	0.572	0.29	7.98E-84	19	ACTG1	Mesangial cells
2.579E-85	0.31433395	0.522	0.233	5.21E-81	19	IFITM3	Mesangial cells
4.8485E-71	0.24371116	0.275	0.096	9.8E-67	19	TUBA1B	Mesangial cells
4.0512E-84	0.32715195	0.509	0.239	8.19E-80	19	SEC61G	Mesangial cells
6.668E-85	0.29565136	0.477	0.206	1.35E-80	19	CD63	Mesangial cells
5.1538E-65	0.28373683	0.405	0.184	1.04E-60	19	S100A10	Mesangial cells
9.0571E-64	0.27833674	0.477	0.234	1.83E-59	19	S100A11	Mesangial cells
1.9323E-53	0.24989382	0.46	0.231	3.9E-49	19	DSTN	Mesangial cells

8.5937E-52	0.3759056	0.81	0.654	1.74E-47	19	ACTB	Mesangial cells
7.9884E-53	0.21522377	0.376	0.176	1.61E-48	19	TXN	Mesangial cells
2.114E-50	0.21470989	0.423	0.205	4.27E-46	19	HSPB1	Mesangial cells
1.95E-42	0.24111488	0.457	0.257	3.94E-38	19	POLR2L	Mesangial cells
6.4419E-46	0.23878858	0.491	0.277	1.3E-41	19	RPS27L	Mesangial cells
7.2865E-42	0.23079948	0.431	0.236	1.47E-37	19	SH3BGRL3	Mesangial cells
1.4385E-41	0.23993247	0.509	0.307	2.91E-37	19	MYL6	Mesangial cells
2.6333E-24	0.28907179	0.614	0.476	5.32E-20	19	RPS2	Mesangial cells
3.736E-33	0.33725328	0.868	0.792	7.55E-29	19	TMSB10	Mesangial cells
8.6799E-34	0.33808523	0.95	0.885	1.75E-29	19	TMSB4X	Mesangial cells
1.6598E-33	0.25121657	0.716	0.553	3.35E-29	19	RPL37A	Mesangial cells
4.6706E-31	0.2169249	0.595	0.418	9.44E-27	19	SERF2	Mesangial cells
4.0764E-28	0.23286395	0.875	0.802	8.24E-24	19	RPLP1	Mesangial cells
9.5088E-26	-0.2166505	0.069	0.219	1.92E-21	19	CXCR4	Mesangial cells
1.8081E-18	-0.2115044	0.089	0.213	3.65E-14	19	FXYD2	Mesangial cells
9.1856E-10	-0.210938	0.078	0.153	1.86E-05	19	LYZ	Mesangial cells
4.9231E-17	-0.2505642	0.11	0.232	9.95E-13	19	ATP1B1	Mesangial cells
3.0728E-26	-0.2403685	0.205	0.375	6.21E-22	19	PABPC1	Mesangial cells
9.0683E-14	-0.2590782	0.249	0.36	1.83E-09	19	CD74	Mesangial cells
5.2709E-24	-0.20061	0.794	0.888	1.07E-19	19	MT-ND5	Mesangial cells
1.7757E-12	-0.2388146	0.325	0.418	3.59E-08	19	SAT1	Mesangial cells
3.1571E-30	-0.2032158	0.988	0.998	6.38E-26	19	MT-ND3	Mesangial cells
9.2983E-14	-0.3485183	0.157	0.268	1.88E-09	19	SPP1	Mesangial cells
7.5127E-16	-0.415069	0.217	0.331	1.52E-11	19	HLA-DRA	Mesangial cells
7.3765E-09	-0.5337965	0.141	0.218	0.000149	19	MT1G	Mesangial cells
0.00210382	-0.3774054	0.697	0.703	1	19	FTL	Mesangial cells
0.00079938	-1.3332275	0.127	0.168	1	19	IGKC	Mesangial cells
0	1.07354482	0.999	0.022	0	20	SLC5A12	Proximal Tubule
8.588E-253	0.76419905	0.994	0.79	1.7E-248	20	MT-ND4L	Proximal Tubule
8.3735E-74	0.37527856	0.382	0.165	1.69E-69	20	MTRNR2L12	Proximal Tubule
3.4611E-83	0.34404317	0.418	0.166	6.99E-79	20	WFDC2	Proximal Tubule
2.9869E-60	0.36265106	0.386	0.191	6.04E-56	20	MT-ATP8	Proximal Tubule
1.31E-188	0.59446038	0.991	0.885	2.6E-184	20	MT-ND5	Proximal Tubule
5.402E-215	0.6135165	0.998	0.951	1.1E-210	20	MT-ND1	Proximal Tubule
2.0644E-49	0.24562511	0.38	0.185	4.17E-45	20	CLU	Proximal Tubule
6.3861E-35	0.22600099	0.398	0.227	1.29E-30	20	ATP1B1	Proximal Tubule
3.685E-114	0.37190346	1	0.989	7.4E-110	20	MT-CYB	Proximal Tubule
1.7288E-19	0.21865182	0.312	0.207	3.49E-15	20	HSPB1	Proximal Tubule
2.0489E-11	0.2068937	0.42	0.378	4.14E-07	20	ATP5I	Proximal Tubule
1.7755E-76	0.22428984	1	1	3.59E-72	20	MT-CO2	Proximal Tubule
1.3713E-65	0.21985581	1	1	2.77E-61	20	MT-ND4	Proximal Tubule
1.1464E-52	0.20166362	1	0.996	2.32E-48	20	MT-ND2	Proximal Tubule
8.7221E-23	-0.2261322	0.002	0.111	1.76E-18	20	CCL3	Proximal Tubule
3.504E-30	-0.2139816	0.006	0.15	7.08E-26	20	FCER1G	Proximal Tubule
1.8711E-28	-0.2217019	0.014	0.155	3.78E-24	20	RGS1	Proximal Tubule
1.2622E-42	-0.2692959	0.017	0.219	2.55E-38	20	CXCR4	Proximal Tubule
1.8165E-65	-0.3878109	0.017	0.297	3.67E-61	20	SRGN	Proximal Tubule
3.0788E-22	-0.2418853	0.012	0.126	6.22E-18	20	C1QA	Proximal Tubule

2.7441E-29	-0.3365175	0.011	0.154	5.55E-25	20	LYZ	Proximal Tubule
1.9241E-28	-0.2421723	0.016	0.159	3.89E-24	20	CCL5	Proximal Tubule
1.4065E-29	-0.212179	0.02	0.171	2.84E-25	20	HLA-DPB1	Proximal Tubule
4.1674E-23	-0.242073	0.014	0.131	8.42E-19	20	CXCL2	Proximal Tubule
6.5137E-33	-0.2608681	0.022	0.187	1.32E-28	20	TYROBP	Proximal Tubule
2.4854E-32	-0.2644339	0.028	0.195	5.02E-28	20	AIF1	Proximal Tubule
1.2191E-36	-0.2374028	0.036	0.225	2.46E-32	20	NFKBIA	Proximal Tubule
4.3743E-36	-0.2130814	0.055	0.256	8.84E-32	20	ZFP36L1	Proximal Tubule
4.2041E-43	-0.2739703	0.047	0.266	8.5E-39	20	ZFP36	Proximal Tubule
3.041E-40	-0.2158562	0.073	0.298	6.15E-36	20	DDX5	Proximal Tubule
1.7798E-34	-0.2225048	0.062	0.258	3.6E-30	20	VIM	Proximal Tubule
1.0676E-29	-0.219181	0.058	0.233	2.16E-25	20	S100A4	Proximal Tubule
1.839E-38	-0.2193858	0.075	0.295	3.72E-34	20	PFN1	Proximal Tubule
1.5624E-36	-0.2414948	0.072	0.277	3.16E-32	20	BTG1	Proximal Tubule
1.1109E-16	-0.2460803	0.038	0.142	2.24E-12	20	TIMP1	Proximal Tubule
6.2426E-35	-0.2302246	0.084	0.293	1.26E-30	20	CYBA	Proximal Tubule
1.9911E-39	-0.2512297	0.081	0.306	4.02E-35	20	KLF6	Proximal Tubule
2.7474E-40	-0.2254491	0.129	0.384	5.55E-36	20	H3F3A	Proximal Tubule
8.1433E-43	-0.2489839	0.111	0.363	1.65E-38	20	HLA-B	Proximal Tubule
3.2212E-27	-0.2389552	0.102	0.282	6.51E-23	20	EGR1	Proximal Tubule
3.9635E-45	-0.2492722	0.16	0.444	8.01E-41	20	RPL9	Proximal Tubule
6.0621E-65	-0.4278557	0.085	0.393	1.23E-60	20	DUSP1	Proximal Tubule
3.2283E-41	-0.2518097	0.163	0.429	6.52E-37	20	RPS3	Proximal Tubule
6.6554E-55	-0.3172752	0.137	0.437	1.34E-50	20	H3F3B	Proximal Tubule
8.8752E-32	-0.2216088	0.208	0.453	1.79E-27	20	RPS4X	Proximal Tubule
7.618E-35	-0.2231909	0.234	0.506	1.54E-30	20	RPL27A	Proximal Tubule
1.0175E-26	-0.2193388	0.201	0.416	2.06E-22	20	ITM2B	Proximal Tubule
2.175E-48	-0.2856351	0.176	0.474	4.4E-44	20	RPS13	Proximal Tubule
2.2534E-39	-0.249209	0.221	0.499	4.55E-35	20	RPL7	Proximal Tubule
2.9457E-31	-0.2229611	0.29	0.552	5.95E-27	20	RPL11	Proximal Tubule
1.0067E-32	-0.2342211	0.264	0.524	2.03E-28	20	RPL35A	Proximal Tubule
1.0166E-19	-0.2580155	0.129	0.281	2.05E-15	20	LGALS1	Proximal Tubule
1.3599E-28	-0.2177271	0.305	0.552	2.75E-24	20	RPL23A	Proximal Tubule
7.1533E-49	-0.302335	0.2	0.498	1.45E-44	20	RPS26	Proximal Tubule
2.4446E-43	-0.2978532	0.202	0.483	4.94E-39	20	RPS2	Proximal Tubule
2.2207E-10	-0.237209	0.1	0.19	4.49E-06	20	MT1X	Proximal Tubule
3.7937E-59	-0.6660234	0.063	0.333	7.67E-55	20	HLA-DRA	Proximal Tubule
4.5992E-29	-0.2266405	0.34	0.596	9.29E-25	20	RPLP2	Proximal Tubule
6.614E-72	-0.3987276	0.175	0.536	1.34E-67	20	RPS3A	Proximal Tubule
7.099E-32	-0.2453283	0.346	0.614	1.43E-27	20	RPS12	Proximal Tubule
4.9576E-39	-0.282241	0.281	0.561	1E-34	20	RPL18A	Proximal Tubule
1.5094E-36	-0.2632261	0.322	0.598	3.05E-32	20	RPL28	Proximal Tubule
2.5626E-67	-0.3845198	0.217	0.571	5.18E-63	20	TPT1	Proximal Tubule
1.9983E-33	-0.2630133	0.328	0.589	4.04E-29	20	RPL26	Proximal Tubule
3.1009E-33	-0.3533494	0.152	0.362	6.27E-29	20	CD74	Proximal Tubule
2.8359E-52	-0.3569899	0.293	0.605	5.73E-48	20	RPS15A	Proximal Tubule
7.1367E-20	-0.2238793	0.567	0.695	1.44E-15	20	RPS8	Proximal Tubule
9.6333E-10	-0.2070474	0.64	0.694	1.95E-05	20	NEAT1	Proximal Tubule

3.0063E-25	-0.2308576	0.677	0.773	6.08E-21	20	RPS27A	Proximal Tubule
6.1301E-20	-0.2188376	0.806	0.821	1.24E-15	20	RPL13	Proximal Tubule
1.2619E-30	-0.3848501	0.349	0.571	2.55E-26	20	FTH1	Proximal Tubule
8.3451E-12	-0.2296697	0.818	0.793	1.69E-07	20	TMSB10	Proximal Tubule
2.0833E-22	-0.2553386	0.752	0.785	4.21E-18	20	RPL10	Proximal Tubule
5.1218E-35	-0.2685809	0.811	0.847	1.04E-30	20	PTMA	Proximal Tubule
7.992E-45	-0.4183285	0.465	0.66	1.62E-40	20	ACTB	Proximal Tubule
6.969E-49	-0.3403683	0.908	0.907	1.41E-44	20	RPL21	Proximal Tubule
2.6997E-50	-0.3466662	1	0.997	5.46E-46	20	MALAT1	Proximal Tubule
5.749E-53	-0.3600029	0.943	0.947	1.16E-48	20	RPL34	Proximal Tubule
9.8438E-63	-0.6263963	0.345	0.587	1.99E-58	20	FOS	Proximal Tubule
7.4123E-90	-0.5071376	0.806	0.872	1.5E-85	20	RPL39	Proximal Tubule
2.2855E-18	-1.5508469	0.053	0.169	4.62E-14	20	IGKC	Proximal Tubule
1.6053E-89	-0.6325922	0.906	0.886	3.24E-85	20	TMSB4X	Proximal Tubule
1.3452E-13	-0.7231524	0.731	0.702	2.72E-09	20	FTL	Proximal Tubule
1.007E-193	-0.9771478	0.928	0.955	2E-189	20	B2M	Proximal Tubule
0	0.3575134	0.329	0.008	0	21	MS4A1	B cells
3.235E-157	0.24973272	0.267	0.048	6.5E-153	21	LTB	B cells
1.579E-110	0.40713484	0.401	0.128	3.2E-106	21	CD69	B cells
5.625E-117	0.39192912	0.462	0.154	1.1E-112	21	CD52	B cells
3.7955E-91	0.35045762	0.517	0.212	7.67E-87	21	CXCR4	B cells
6.07E-227	0.71472519	0.99	0.946	1.2E-222	21	RPS27	B cells
6.4081E-96	0.4893366	0.802	0.544	1.29E-91	21	RPL23A	B cells
3.322E-115	0.57011015	0.873	0.69	6.7E-111	21	RPS8	B cells
8.6697E-69	0.34961061	0.543	0.27	1.75E-64	21	BTG1	B cells
3.884E-90	0.4856132	0.797	0.553	7.85E-86	21	RPL18A	B cells
1.327E-96	0.48048363	0.838	0.597	2.68E-92	21	RPS15A	B cells
4.0954E-91	0.47463716	0.819	0.588	8.28E-87	21	RPLP2	B cells
9.341E-169	0.60268433	0.981	0.906	1.9E-164	21	RPL21	B cells
4.024E-127	0.53449872	0.94	0.792	8.1E-123	21	RPL13A	B cells
3.676E-132	0.56557912	0.95	0.87	7.4E-128	21	RPL39	B cells
1.87E-112	0.49483415	0.926	0.762	3.8E-108	21	RPL32	B cells
5.4279E-70	0.40522302	0.779	0.545	1.1E-65	21	RPL11	B cells
1.3496E-58	0.35184417	0.642	0.391	2.73E-54	21	RPS5	B cells
4.0846E-72	0.42655074	0.808	0.607	8.25E-68	21	RPS12	B cells
2.479E-124	0.49543433	0.964	0.848	5E-120	21	RPS29	B cells
1.0965E-67	0.3908298	0.759	0.527	2.22E-63	21	RPS3A	B cells
7.6949E-69	0.40073083	0.779	0.56	1.55E-64	21	RPS25	B cells
3.378E-109	0.47825911	0.947	0.819	6.8E-105	21	RPL13	B cells
3.309E-97	0.46467346	0.942	0.811	6.69E-93	21	RPS18	B cells
2.1204E-63	0.35602737	0.763	0.516	4.28E-59	21	RPL35A	B cells
6.8877E-85	0.4290801	0.908	0.769	1.39E-80	21	RPS27A	B cells
9.5282E-56	0.34843536	0.72	0.499	1.93E-51	21	RPL27A	B cells
2.9979E-59	0.35252154	0.783	0.563	6.06E-55	21	RPL12	B cells
1.4397E-60	0.35446519	0.805	0.592	2.91E-56	21	RPS6	B cells
3.7185E-76	0.40789697	0.914	0.783	7.51E-72	21	RPL10	B cells
1.216E-107	0.45500211	0.987	0.947	2.5E-103	21	RPL34	B cells
3.358E-50	0.29752665	0.663	0.421	6.79E-46	21	RPS3	B cells

2.8479E-46	0.31067323	0.699	0.475	5.76E-42	21	RPS2	B cells
1.3592E-51	0.32981247	0.792	0.591	2.75E-47	21	RPL28	B cells
3.5447E-40	0.28935947	0.649	0.447	7.16E-36	21	RPS4X	B cells
3.7786E-66	0.36046572	0.929	0.802	7.64E-62	21	RPS19	B cells
1.8315E-36	0.28267988	0.607	0.413	3.7E-32	21	RPS20	B cells
1.6265E-44	0.3153506	0.765	0.583	3.29E-40	21	RPL26	B cells
9.1865E-37	0.25117827	0.513	0.317	1.86E-32	21	RPL30	B cells
4.2074E-58	0.35622527	0.911	0.801	8.5E-54	21	RPLP1	B cells
1.6596E-63	0.35290212	0.897	0.783	3.35E-59	21	RPS15	B cells
5.1546E-37	0.25111479	0.589	0.369	1.04E-32	21	PABPC1	B cells
2.6669E-36	0.24444383	0.542	0.334	5.39E-32	21	RPL10A	B cells
2.1861E-39	0.29990602	0.741	0.574	4.42E-35	21	RPS23	B cells
5.9657E-34	0.27151153	0.653	0.466	1.21E-29	21	RPS13	B cells
6.6527E-43	0.21393656	0.616	0.355	1.34E-38	21	CD74	B cells
6.4782E-41	0.29573989	0.788	0.628	1.31E-36	21	RPL35	B cells
2.5775E-40	0.30090631	0.776	0.636	5.21E-36	21	RPL36	B cells
1.4926E-32	0.26637669	0.634	0.462	3.02E-28	21	RPS17	B cells
8.5944E-33	0.26467241	0.63	0.457	1.74E-28	21	RPL19	B cells
3.6051E-31	0.24463595	0.616	0.43	7.29E-27	21	RPL31	B cells
1.2189E-30	0.24936437	0.613	0.437	2.46E-26	21	RPL9	B cells
2.7186E-41	0.29558958	0.836	0.71	5.49E-37	21	RPS14	B cells
1.7919E-39	0.28314889	0.815	0.667	3.62E-35	21	RPS28	B cells
6.4969E-29	0.24178962	0.599	0.427	1.31E-24	21	FAU	B cells
1.4235E-29	0.208006	0.485	0.302	2.88E-25	21	RPL14	B cells
5.3794E-26	0.24216124	0.628	0.468	1.09E-21	21	RPL3	B cells
7.6735E-25	0.21113924	0.515	0.349	1.55E-20	21	RPL27	B cells
4.0006E-25	0.22804997	0.645	0.491	8.08E-21	21	RPS26	B cells
8.0408E-43	0.26715448	0.947	0.872	1.62E-38	21	RPL41	B cells
3.1086E-22	0.200423	0.511	0.355	6.28E-18	21	RPL18	B cells
5.2264E-22	0.20676624	0.539	0.39	1.06E-17	21	RPL37	B cells
7.0401E-19	0.2049253	0.517	0.386	1.42E-14	21	RPS16	B cells
3.6449E-49	0.23337546	1	0.997	7.37E-45	21	MALAT1	B cells
1.8026E-18	-0.2351622	0.021	0.131	3.64E-14	21	CXCL2	B cells
7.2818E-25	-0.2491792	0.038	0.187	1.47E-20	21	TYROBP	B cells
3.274E-12	-0.2046488	0.026	0.105	6.62E-08	21	CTGF	B cells
5.8916E-29	-0.2208414	0.063	0.241	1.19E-24	21	S100A11	B cells
3.7655E-25	-0.2277943	0.054	0.213	7.61E-21	21	PSAP	B cells
2.6031E-23	-0.2101856	0.06	0.21	5.26E-19	21	NPC2	B cells
8.1328E-28	-0.2316462	0.063	0.238	1.64E-23	21	DSTN	B cells
1.6324E-28	-0.2337541	0.063	0.24	3.3E-24	21	IFITM3	B cells
7.7109E-23	-0.3029295	0.035	0.172	1.56E-18	21	WFDC2	B cells
8.8657E-17	-0.2682929	0.033	0.142	1.79E-12	21	TIMP1	B cells
3.1803E-22	-0.2058924	0.064	0.211	6.43E-18	21	HSPB1	B cells
1.9778E-19	-0.3116618	0.033	0.154	4E-15	21	LYZ	B cells
1.2701E-12	-0.2168873	0.039	0.125	2.57E-08	21	C1QA	B cells
1.4384E-22	-0.2360742	0.06	0.206	2.91E-18	21	CTSD	B cells
6.5664E-12	-0.2591886	0.029	0.108	1.33E-07	21	IGFBP5	B cells
2.2408E-31	-0.2930073	0.06	0.248	4.53E-27	21	IGFBP7	B cells

4.4573E-21	-0.2418511	0.057	0.194	9.01E-17	21	AIF1	B cells
3.9675E-20	-0.2887763	0.045	0.172	8.02E-16	21	DEFB1	B cells
2.2458E-23	-0.3169293	0.046	0.19	4.54E-19	21	CLU	B cells
4.4523E-30	-0.3569302	0.054	0.233	9E-26	21	ATP1B1	B cells
5.9289E-32	-0.283409	0.082	0.28	1.2E-27	21	CST3	B cells
2.2384E-29	-0.3767174	0.05	0.224	4.52E-25	21	ADIRF	B cells
2.995E-20	-0.2521084	0.075	0.213	6.05E-16	21	FXYD2	B cells
7.1522E-24	-0.2032253	0.139	0.313	1.45E-19	21	MYL6	B cells
4.7609E-06	-0.2157496	0.097	0.154	0.096208	21	APOE	B cells
4.9636E-41	-0.3501528	0.178	0.416	1E-36	21	ITM2B	B cells
2.8961E-08	-0.2519882	0.113	0.19	0.000585	21	MT1X	B cells
1.441E-18	-0.3106217	0.142	0.281	2.91E-14	21	LGALS1	B cells
3.7872E-31	-0.5540563	0.084	0.269	7.65E-27	21	SPP1	B cells
6.4525E-17	-0.2673237	0.28	0.418	1.3E-12	21	SAT1	B cells
3.8838E-59	-0.5356152	0.166	0.459	7.85E-55	21	S100A6	B cells
1.9561E-06	-0.2078303	0.779	0.793	0.03953	21	MT-ND4L	B cells
9.7713E-27	-0.2052496	1	1	1.97E-22	21	MT-CO1	B cells
3.2768E-29	-0.4842557	0.169	0.36	6.62E-25	21	MT2A	B cells
1.2993E-13	-0.2473618	0.745	0.794	2.63E-09	21	TMSB10	B cells
7.9916E-18	-0.2561293	0.935	0.952	1.61E-13	21	MT-ND1	B cells
1.1327E-09	-0.2907573	0.522	0.584	2.29E-05	21	FOS	B cells
1.8971E-49	-0.4039052	0.461	0.696	3.83E-45	21	NEAT1	B cells
1.0813E-20	-0.3883894	0.451	0.569	2.19E-16	21	FTH1	B cells
9.6695E-07	-0.5133556	0.15	0.218	0.01954	21	MT1G	B cells
1.117E-08	-0.5896785	0.666	0.703	0.000226	21	FTL	B cells
6.1598E-31	-0.7928509	0.166	0.06	1.24E-26	21	IGLC3	B cells
6.1492E-32	-0.9507336	0.203	0.08	1.24E-27	21	IGLC2	B cells
4.0181E-81	-0.9887555	0.435	0.164	8.12E-77	21	IGKC	B cells
0	0.5051742	0.342	0.003	0	22	SLC12A3	Distal Convoluted Tubule
0	1.40391085	0.886	0.032	0	22	TMEM52B	Distal Convoluted Tubule
0	1.04764491	0.727	0.163	0	22	DEFB1	Distal Convoluted Tubule
4.66E-297	0.53089898	0.438	0.069	9.4E-293	22	WNK1	Distal Convoluted Tubule
0	0.29628081	0.278	0.025	0	22	KNG1	Distal Convoluted Tubule
7.339E-224	0.87672047	0.71	0.224	1.5E-219	22	ATP1B1	Distal Convoluted Tubule
7.152E-247	0.22088824	0.198	0.017	1.4E-242	22	SFRP1	Distal Convoluted Tubule
1.521E-134	0.66005921	0.669	0.261	3.1E-130	22	SPP1	Distal Convoluted Tubule
1.979E-169	0.28877028	0.315	0.056	4E-165	22	KCNJ16	Distal Convoluted Tubule
6.794E-122	0.53251643	0.571	0.206	1.4E-117	22	FXYD2	Distal Convoluted Tubule
2.469E-146	0.21246869	0.259	0.043	5E-142	22	CA12	Distal Convoluted Tubule
2.502E-105	0.30696324	0.334	0.088	5.1E-101	22	EMX2	Distal Convoluted Tubule
2.919E-95	0.20708821	0.259	0.059	5.9E-91	22	CDH16	Distal Convoluted Tubule
3.1986E-68	0.33809666	0.434	0.167	6.46E-64	22	WFDC2	Distal Convoluted Tubule
3.0823E-82	0.26209499	0.345	0.107	6.23E-78	22	ATP1A1	Distal Convoluted Tubule
2.298E-83	0.21897424	0.287	0.077	4.64E-79	22	MUC1	Distal Convoluted Tubule
8.5892E-64	0.25144209	0.406	0.155	1.74E-59	22	CD24	Distal Convoluted Tubule
6.485E-46	0.25045486	0.387	0.18	1.31E-41	22	WSB1	Distal Convoluted Tubule
9.6742E-32	0.25758196	0.573	0.376	1.95E-27	22	ATP5I	Distal Convoluted Tubule
2.365E-28	0.20753901	0.413	0.233	4.78E-24	22	DSTN	Distal Convoluted Tubule

1.4926E-46	0.33897667	0.986	0.952	3.02E-42	22	MT-ND1	Distal Convoluted Tubule
1.6594E-26	0.31131971	0.875	0.792	3.35E-22	22	MT-ND4L	Distal Convoluted Tubule
1.4703E-31	0.28789638	0.942	0.886	2.97E-27	22	MT-ND5	Distal Convoluted Tubule
6.4648E-54	0.27989203	1	1	1.31E-49	22	MT-CO3	Distal Convoluted Tubule
1.8527E-44	0.24936194	1	1	3.74E-40	22	MT-CO1	Distal Convoluted Tubule
7.4237E-23	-0.2119404	0.011	0.15	1.5E-18	22	FCER1G	Distal Convoluted Tubule
1.5039E-14	-0.209187	0.016	0.111	3.04E-10	22	CCL3	Distal Convoluted Tubule
4.8979E-26	-0.2614834	0.023	0.187	9.9E-22	22	TYROBP	Distal Convoluted Tubule
9.6498E-17	-0.2445881	0.017	0.125	1.95E-12	22	C1QA	Distal Convoluted Tubule
3.1717E-22	-0.214129	0.027	0.171	6.41E-18	22	HLA-DPB1	Distal Convoluted Tubule
2.45E-17	-0.2036199	0.034	0.154	4.95E-13	22	RGS1	Distal Convoluted Tubule
1.4337E-14	-0.2151484	0.028	0.13	2.9E-10	22	CXCL2	Distal Convoluted Tubule
5.6254E-17	-0.2144846	0.037	0.158	1.14E-12	22	CCL5	Distal Convoluted Tubule
1.753E-31	-0.2615342	0.053	0.258	3.54E-27	22	VIM	Distal Convoluted Tubule
2.4706E-43	-0.3583062	0.045	0.295	4.99E-39	22	SRGN	Distal Convoluted Tubule
5.1036E-23	-0.2612495	0.041	0.194	1.03E-18	22	AIF1	Distal Convoluted Tubule
1.0408E-23	-0.2188881	0.058	0.224	2.1E-19	22	NFKBIA	Distal Convoluted Tubule
6.5381E-19	-0.3181569	0.028	0.154	1.32E-14	22	LYZ	Distal Convoluted Tubule
3.5583E-23	-0.2024544	0.072	0.241	7.19E-19	22	SH3BGRL3	Distal Convoluted Tubule
2.1373E-32	-0.2777708	0.058	0.265	4.32E-28	22	ZFP36	Distal Convoluted Tubule
1.4697E-23	-0.2371903	0.056	0.218	2.97E-19	22	CXCR4	Distal Convoluted Tubule
4.4071E-20	-0.2073028	0.103	0.265	8.91E-16	22	FOSB	Distal Convoluted Tubule
4.8436E-28	-0.2541187	0.094	0.292	9.79E-24	22	CYBA	Distal Convoluted Tubule
2.2607E-10	-0.2319463	0.053	0.141	4.57E-06	22	TIMP1	Distal Convoluted Tubule
8.4447E-20	-0.209529	0.19	0.361	1.71E-15	22	HLA-B	Distal Convoluted Tubule
1.9922E-25	-0.2528213	0.165	0.375	4.03E-21	22	PABPC1	Distal Convoluted Tubule
3.9644E-25	-0.2315985	0.192	0.397	8.01E-21	22	RPS5	Distal Convoluted Tubule
4.1482E-22	-0.3205395	0.109	0.281	8.38E-18	22	LGALS1	Distal Convoluted Tubule
1.4524E-23	-0.2250568	0.262	0.462	2.93E-19	22	RPL19	Distal Convoluted Tubule
1.4292E-20	-0.2073875	0.312	0.504	2.89E-16	22	RPL27A	Distal Convoluted Tubule
5.1172E-20	-0.2211461	0.248	0.427	1.03E-15	22	RPS3	Distal Convoluted Tubule
1.2908E-20	-0.2168384	0.285	0.471	2.61E-16	22	RPS13	Distal Convoluted Tubule
4.2378E-17	-0.200369	0.345	0.522	8.56E-13	22	RPL35A	Distal Convoluted Tubule
1.7593E-17	-0.2072079	0.328	0.496	3.56E-13	22	RPS26	Distal Convoluted Tubule
2.781E-26	-0.2613163	0.231	0.434	5.62E-22	22	H3F3B	Distal Convoluted Tubule
1.1351E-18	-0.2231863	0.373	0.55	2.29E-14	22	RPL11	Distal Convoluted Tubule
3.0429E-43	-0.6454839	0.078	0.332	6.15E-39	22	HLA-DRA	Distal Convoluted Tubule
9.1173E-35	-0.4272039	0.129	0.361	1.84E-30	22	CD74	Distal Convoluted Tubule
1.5738E-14	-0.2046259	0.432	0.568	3.18E-10	22	RPL12	Distal Convoluted Tubule
3.9436E-33	-0.3722227	0.165	0.391	7.97E-29	22	DUSP1	Distal Convoluted Tubule
1.5266E-05	-0.2382776	0.126	0.19	0.308493	22	MT1X	Distal Convoluted Tubule
3.2086E-35	-0.3391297	0.243	0.482	6.48E-31	22	RPS2	Distal Convoluted Tubule
5.7648E-24	-0.2650342	0.356	0.55	1.16E-19	22	RPL23A	Distal Convoluted Tubule
7.8064E-27	-0.2829719	0.328	0.533	1.58E-22	22	RPS3A	Distal Convoluted Tubule
1.5611E-21	-0.2543554	0.407	0.588	3.15E-17	22	RPL26	Distal Convoluted Tubule
2.5086E-23	-0.2556773	0.415	0.594	5.07E-19	22	RPLP2	Distal Convoluted Tubule
8.2708E-38	-0.3431358	0.303	0.559	1.67E-33	22	RPL18A	Distal Convoluted Tubule
1.246E-30	-0.2987171	0.354	0.568	2.52E-26	22	TPT1	Distal Convoluted Tubule

1.5634E-21	-0.2636434	0.443	0.612	3.16E-17	22	RPS12	Distal Convoluted Tubule
2.1688E-16	-0.2129771	0.711	0.772	4.38E-12	22	RPS27A	Distal Convoluted Tubule
5.2541E-17	-0.2417137	0.588	0.694	1.06E-12	22	RPS8	Distal Convoluted Tubule
7.6305E-33	-0.3250432	0.379	0.596	1.54E-28	22	RPL28	Distal Convoluted Tubule
9.8826E-18	-0.2209818	0.816	0.847	2E-13	22	PTMA	Distal Convoluted Tubule
1.0879E-37	-0.3575729	0.36	0.603	2.2E-33	22	RPS15A	Distal Convoluted Tubule
4.3638E-11	-0.2391101	0.626	0.694	8.82E-07	22	NEAT1	Distal Convoluted Tubule
1.0892E-25	-0.2758598	0.643	0.766	2.2E-21	22	RPL32	Distal Convoluted Tubule
2.6734E-34	-0.299992	0.64	0.786	5.4E-30	22	RPS15	Distal Convoluted Tubule
6.934E-36	-0.3100048	0.672	0.805	1.4E-31	22	RPLP1	Distal Convoluted Tubule
3.6899E-24	-0.2706332	0.934	0.947	7.46E-20	22	RPL34	Distal Convoluted Tubule
1.6198E-32	-0.3082342	0.693	0.796	3.27E-28	22	RPL13A	Distal Convoluted Tubule
1.0782E-33	-0.3158259	0.702	0.823	2.18E-29	22	RPL13	Distal Convoluted Tubule
1.3232E-24	-0.2997425	0.739	0.814	2.67E-20	22	RPS18	Distal Convoluted Tubule
4.1604E-23	-0.4142427	0.407	0.569	8.41E-19	22	FTH1	Distal Convoluted Tubule
1.1997E-37	-0.3513408	0.663	0.786	2.42E-33	22	RPL10	Distal Convoluted Tubule
5.6016E-43	-0.3757349	0.647	0.805	1.13E-38	22	RPS19	Distal Convoluted Tubule
6.065E-38	-0.3301431	0.885	0.908	1.23E-33	22	RPL21	Distal Convoluted Tubule
4.7729E-37	-0.437245	0.49	0.659	9.65E-33	22	ACTB	Distal Convoluted Tubule
8.5074E-42	-0.3540804	0.902	0.947	1.72E-37	22	RPS27	Distal Convoluted Tubule
5.5668E-39	-0.3844522	0.805	0.872	1.12E-34	22	RPL39	Distal Convoluted Tubule
1.647E-36	-0.5343916	0.392	0.586	3.33E-32	22	FOS	Distal Convoluted Tubule
2.1007E-50	-0.4670615	0.651	0.795	4.25E-46	22	TMSB10	Distal Convoluted Tubule
4.326E-111	-0.7786703	0.694	0.889	8.7E-107	22	TMSB4X	Distal Convoluted Tubule
6.5417E-25	-0.7964098	0.605	0.704	1.32E-20	22	FTL	Distal Convoluted Tubule
1.2939E-09	-1.474952	0.08	0.169	2.61E-05	22	IGKC	Distal Convoluted Tubule
1.406E-121	-0.8417932	0.852	0.956	2.8E-117	22	B2M	Distal Convoluted Tubule
0	1.18218031	0.955	0.007	0	23	CALB1	Connecting Tubule
0	0.25717771	0.139	0.004	0	23	KLK1	Connecting Tubule
2.229E-139	0.86293203	0.52	0.166	4.5E-135	23	DEFB1	Connecting Tubule
3.402E-116	0.30764126	0.229	0.041	6.9E-112	23	TMEM52B	Connecting Tubule
8.7475E-91	0.69867753	0.533	0.226	1.77E-86	23	ATP1B1	Connecting Tubule
1.1471E-96	0.26409572	0.178	0.031	2.32E-92	23	SLC8A1	Connecting Tubule
1.9569E-86	0.22389886	0.185	0.035	3.95E-82	23	SPINK1	Connecting Tubule
6.0899E-68	0.31309737	0.436	0.167	1.23E-63	23	WFDC2	Connecting Tubule
5.7277E-46	0.32367545	0.365	0.166	1.16E-41	23	MTRNR2L12	Connecting Tubule
5.141E-101	0.58940033	0.947	0.791	1.04E-96	23	MT-ND4L	Connecting Tubule
2.1095E-41	0.2309352	0.209	0.072	4.26E-37	23	WNK1	Connecting Tubule
6.0504E-42	0.29665934	0.423	0.208	1.22E-37	23	FXYD2	Connecting Tubule
6.552E-105	0.51897866	0.977	0.885	1.3E-100	23	MT-ND5	Connecting Tubule
2.324E-130	0.54070514	1	0.951	4.7E-126	23	MT-ND1	Connecting Tubule
5.0894E-29	0.30082528	0.345	0.193	1.03E-24	23	MT-ATP8	Connecting Tubule
1.6881E-34	0.25126785	0.326	0.153	3.41E-30	23	HES1	Connecting Tubule
2.9864E-42	0.24789036	0.499	0.263	6.03E-38	23	SPP1	Connecting Tubule
2.4055E-29	0.21046138	0.36	0.186	4.86E-25	23	CLU	Connecting Tubule
4.0069E-75	0.33885495	0.997	0.989	8.1E-71	23	MT-CYB	Connecting Tubule
1.3524E-13	0.21556057	0.308	0.208	2.73E-09	23	HSPB1	Connecting Tubule
3.7252E-86	0.3186857	1	1	7.53E-82	23	MT-CO2	Connecting Tubule

4.2069E-75	0.30227085	1	1	8.5E-71	23	MT-CO3	Connecting Tubule
2.9429E-60	0.26467307	1	1	5.95E-56	23	MT-ND4	Connecting Tubule
2.3102E-12	0.21214267	0.464	0.378	4.67E-08	23	ATP5I	Connecting Tubule
2.5702E-46	0.24940596	1	1	5.19E-42	23	MT-CO1	Connecting Tubule
1.4182E-37	0.22195403	1	0.996	2.87E-33	23	MT-ATP6	Connecting Tubule
8.1381E-23	-0.2129812	0.008	0.15	1.64E-18	23	FCER1G	Connecting Tubule
3.8951E-23	-0.2276449	0.01	0.154	7.87E-19	23	RGS1	Connecting Tubule
4.5955E-51	-0.3937286	0.015	0.296	9.29E-47	23	SRGN	Connecting Tubule
4.1823E-18	-0.25182	0.01	0.125	8.45E-14	23	C1QA	Connecting Tubule
1.2462E-14	-0.2125672	0.01	0.105	2.52E-10	23	CTGF	Connecting Tubule
4.123E-15	-0.2115908	0.011	0.111	8.33E-11	23	CCL3	Connecting Tubule
9.3499E-33	-0.264011	0.023	0.224	1.89E-28	23	NFKBIA	Connecting Tubule
3.4121E-31	-0.2720205	0.024	0.219	6.9E-27	23	CXCR4	Connecting Tubule
2.3777E-25	-0.2632348	0.023	0.186	4.8E-21	23	TYROBP	Connecting Tubule
4.4739E-20	-0.2263211	0.023	0.158	9.04E-16	23	CCL5	Connecting Tubule
1.4423E-20	-0.3197629	0.018	0.154	2.91E-16	23	LYZ	Connecting Tubule
3.4287E-23	-0.2607143	0.036	0.194	6.93E-19	23	AIF1	Connecting Tubule
4.8081E-33	-0.277905	0.049	0.265	9.72E-29	23	ZFP36	Connecting Tubule
3.6429E-24	-0.2054756	0.071	0.257	7.36E-20	23	VIM	Connecting Tubule
2.1605E-12	-0.2102335	0.036	0.13	4.37E-08	23	CXCL2	Connecting Tubule
1.4907E-14	-0.2565374	0.032	0.141	3.01E-10	23	TIMP1	Connecting Tubule
8.7011E-32	-0.2433371	0.073	0.294	1.76E-27	23	PFN1	Connecting Tubule
2.0953E-22	-0.2272354	0.063	0.232	4.23E-18	23	S100A4	Connecting Tubule
1.5341E-30	-0.2583302	0.075	0.293	3.1E-26	23	CYBA	Connecting Tubule
1.0395E-23	-0.2222117	0.081	0.265	2.1E-19	23	FOSB	Connecting Tubule
7.5681E-23	-0.2164443	0.092	0.276	1.53E-18	23	BTG1	Connecting Tubule
6.8432E-19	-0.2207926	0.113	0.279	1.38E-14	23	CST3	Connecting Tubule
6.0208E-30	-0.2533041	0.133	0.362	1.22E-25	23	HLA-B	Connecting Tubule
2.216E-20	-0.2154115	0.178	0.375	4.48E-16	23	PABPC1	Connecting Tubule
7.8913E-29	-0.2541628	0.185	0.428	1.59E-24	23	RPS3	Connecting Tubule
4.8001E-48	-0.4384123	0.099	0.391	9.7E-44	23	DUSP1	Connecting Tubule
1.7088E-21	-0.3063473	0.102	0.281	3.45E-17	23	LGALS1	Connecting Tubule
4.6183E-36	-0.2933548	0.165	0.435	9.33E-32	23	H3F3B	Connecting Tubule
1.8757E-12	-0.2784661	0.078	0.19	3.79E-08	23	MT1X	Connecting Tubule
2.7882E-31	-0.2732485	0.22	0.472	5.63E-27	23	RPS13	Connecting Tubule
8.8101E-22	-0.2253478	0.303	0.527	1.78E-17	23	RPS24	Connecting Tubule
1.9919E-24	-0.2382148	0.276	0.505	4.03E-20	23	RPL27A	Connecting Tubule
1.8371E-44	-0.6581793	0.066	0.332	3.71E-40	23	HLA-DRA	Connecting Tubule
5.5347E-36	-0.4217522	0.113	0.361	1.12E-31	23	CD74	Connecting Tubule
2.9575E-19	-0.217992	0.348	0.569	5.98E-15	23	RPL12	Connecting Tubule
2.3868E-30	-0.273024	0.245	0.497	4.82E-26	23	RPS26	Connecting Tubule
3.7247E-19	-0.206441	0.426	0.64	7.53E-15	23	RPL36	Connecting Tubule
4.3759E-31	-0.2774864	0.264	0.523	8.84E-27	23	RPL35A	Connecting Tubule
6.4164E-22	-0.2376124	0.339	0.551	1.3E-17	23	RPL11	Connecting Tubule
3.8616E-22	-0.2290844	0.408	0.633	7.8E-18	23	RPL35	Connecting Tubule
7.5085E-31	-0.3062957	0.233	0.482	1.52E-26	23	RPS2	Connecting Tubule
1.5479E-25	-0.252568	0.352	0.595	3.13E-21	23	RPLP2	Connecting Tubule
1.6009E-25	-0.2639611	0.319	0.551	3.24E-21	23	RPL23A	Connecting Tubule

5.1784E-25	-0.2625339	0.379	0.613	1.05E-20	23	RPS12	Connecting Tubule
2.5913E-40	-0.3480206	0.263	0.56	5.24E-36	23	RPL18A	Connecting Tubule
1.4035E-48	-0.3737851	0.254	0.569	2.84E-44	23	TPT1	Connecting Tubule
2.3672E-36	-0.3399012	0.274	0.533	4.78E-32	23	RPS3A	Connecting Tubule
9.1216E-27	-0.2910933	0.357	0.588	1.84E-22	23	RPL26	Connecting Tubule
1.9385E-39	-0.341227	0.316	0.597	3.92E-35	23	RPL28	Connecting Tubule
5.7619E-17	-0.2073336	0.707	0.785	1.16E-12	23	RPS15	Connecting Tubule
1.58E-42	-0.3737361	0.31	0.604	3.19E-38	23	RPS15A	Connecting Tubule
9.8292E-08	-0.282119	0.245	0.359	0.001986	23	MT2A	Connecting Tubule
4.0923E-18	-0.2285071	0.721	0.804	8.27E-14	23	RPLP1	Connecting Tubule
6.2913E-21	-0.262628	0.546	0.695	1.27E-16	23	RPS8	Connecting Tubule
3.6447E-21	-0.2520321	0.705	0.795	7.37E-17	23	RPL13A	Connecting Tubule
6.0437E-25	-0.2707289	0.668	0.772	1.22E-20	23	RPS27A	Connecting Tubule
4.5259E-17	-0.3426705	0.405	0.569	9.15E-13	23	FTH1	Connecting Tubule
2.0684E-24	-0.2724381	0.737	0.822	4.18E-20	23	RPL13	Connecting Tubule
1.2048E-20	-0.2493068	1	0.997	2.43E-16	23	MALAT1	Connecting Tubule
2.7542E-26	-0.269125	0.804	0.847	5.57E-22	23	PTMA	Connecting Tubule
2.0762E-23	-0.2895301	0.728	0.804	4.2E-19	23	RPS19	Connecting Tubule
6.7988E-32	-0.3251498	0.661	0.786	1.37E-27	23	RPL10	Connecting Tubule
1.0194E-27	-0.3738094	0.483	0.659	2.06E-23	23	ACTB	Connecting Tubule
2.1483E-29	-0.3097222	0.875	0.908	4.34E-25	23	RPL21	Connecting Tubule
1.0287E-30	-0.3113444	0.925	0.947	2.08E-26	23	RPL34	Connecting Tubule
1.3986E-43	-0.4255083	0.655	0.795	2.83E-39	23	TMSB10	Connecting Tubule
2.0059E-32	-0.5266622	0.399	0.585	4.05E-28	23	FOS	Connecting Tubule
0.00995829	-0.4519564	0.177	0.217	1	23	MT1G	Connecting Tubule
2.2118E-15	-1.4659662	0.049	0.169	4.47E-11	23	IGKC	Connecting Tubule
4.3903E-61	-0.4822533	0.796	0.872	8.87E-57	23	RPL39	Connecting Tubule
2.4565E-67	-0.6256588	0.841	0.887	4.96E-63	23	TMSB4X	Connecting Tubule
6.8321E-20	-0.7803344	0.639	0.703	1.38E-15	23	FTL	Connecting Tubule
6.951E-150	-0.9918222	0.874	0.956	1.4E-145	23	B2M	Connecting Tubule
0	1.04774895	1	0.02	0	24	MTRNR2L1	Immune/Granulocytes
9.1436E-69	0.429491	0.405	0.165	1.85E-64	24	MTRNR2L12	Immune/Granulocytes
9.6437E-79	0.38765524	0.448	0.167	1.95E-74	24	WFDC2	Immune/Granulocytes
8.665E-185	0.75847998	0.987	0.791	1.8E-180	24	MT-ND4L	Immune/Granulocytes
1.6698E-52	0.30229129	0.417	0.185	3.37E-48	24	CLU	Immune/Granulocytes
4.376E-147	0.59822773	0.997	0.885	8.8E-143	24	MT-ND5	Immune/Granulocytes
4.5259E-42	0.3406398	0.377	0.192	9.15E-38	24	MT-ATP8	Immune/Granulocytes
2.781E-148	0.59585524	0.995	0.951	5.6E-144	24	MT-ND1	Immune/Granulocytes
4.6712E-29	0.22621464	0.334	0.168	9.44E-25	24	DEFB1	Immune/Granulocytes
1.1953E-82	0.34915903	1	0.989	2.42E-78	24	MT-CYB	Immune/Granulocytes
6.0824E-11	0.21183684	0.29	0.208	1.23E-06	24	HSPB1	Immune/Granulocytes
9.2217E-66	0.23725008	1	1	1.86E-61	24	MT-CO2	Immune/Granulocytes
3.4196E-43	0.21391913	1	0.996	6.91E-39	24	MT-ATP6	Immune/Granulocytes
5.3155E-48	0.2062472	1	1	1.07E-43	24	MT-ND4	Immune/Granulocytes
1.3799E-16	-0.2178553	0.005	0.111	2.79E-12	24	CCL3	Immune/Granulocytes
6.444E-23	-0.2160508	0.007	0.15	1.3E-18	24	FCER1G	Immune/Granulocytes
3.765E-18	-0.2499458	0.008	0.125	7.61E-14	24	C1QA	Immune/Granulocytes
1.4168E-27	-0.2739982	0.013	0.187	2.86E-23	24	TYROBP	Immune/Granulocytes

1.3731E-49	-0.3884534	0.016	0.296	2.77E-45	24	SRGN	Immune/Granulocytes
4.2312E-20	-0.2046604	0.018	0.154	8.55E-16	24	RGS1	Immune/Granulocytes
1.1056E-17	-0.2399278	0.013	0.13	2.23E-13	24	CXCL2	Immune/Granulocytes
2.567E-22	-0.2169498	0.021	0.171	5.19E-18	24	HLA-DPB1	Immune/Granulocytes
2.9674E-21	-0.3320489	0.015	0.154	6E-17	24	LYZ	Immune/Granulocytes
8.4356E-29	-0.2364182	0.031	0.224	1.7E-24	24	NFKBIA	Immune/Granulocytes
6.2606E-19	-0.2255832	0.026	0.158	1.27E-14	24	CCL5	Immune/Granulocytes
3.8275E-27	-0.2124665	0.048	0.242	7.73E-23	24	SH3BGRL3	Immune/Granulocytes
4.5758E-26	-0.2412932	0.04	0.218	9.25E-22	24	CXCR4	Immune/Granulocytes
8.5513E-22	-0.2426207	0.038	0.194	1.73E-17	24	AIF1	Immune/Granulocytes
3.0796E-31	-0.2674624	0.051	0.265	6.22E-27	24	ZFP36	Immune/Granulocytes
1.7074E-25	-0.2225778	0.064	0.257	3.45E-21	24	VIM	Immune/Granulocytes
2.1584E-27	-0.2077553	0.081	0.294	4.36E-23	24	PFN1	Immune/Granulocytes
7.97E-24	-0.2056412	0.082	0.276	1.61E-19	24	BTG1	Immune/Granulocytes
2.089E-20	-0.2121844	0.069	0.232	4.22E-16	24	S100A4	Immune/Granulocytes
8.4523E-23	-0.2100202	0.081	0.265	1.71E-18	24	FOSB	Immune/Granulocytes
1.5712E-29	-0.2532536	0.082	0.305	3.18E-25	24	KLF6	Immune/Granulocytes
6.4218E-22	-0.2073615	0.104	0.292	1.3E-17	24	CYBA	Immune/Granulocytes
1.2429E-30	-0.2394912	0.115	0.362	2.51E-26	24	HLA-B	Immune/Granulocytes
1.5816E-23	-0.2002852	0.14	0.363	3.2E-19	24	CALM2	Immune/Granulocytes
2.4414E-10	-0.2245805	0.049	0.141	4.93E-06	24	TIMP1	Immune/Granulocytes
1.1786E-23	-0.2536489	0.089	0.281	2.38E-19	24	EGR1	Immune/Granulocytes
3.1966E-28	-0.2177048	0.18	0.443	6.46E-24	24	RPL9	Immune/Granulocytes
1.5982E-47	-0.337662	0.117	0.436	3.23E-43	24	H3F3B	Immune/Granulocytes
2.7061E-26	-0.217256	0.198	0.453	5.47E-22	24	RPS4X	Immune/Granulocytes
8.3411E-45	-0.402241	0.096	0.391	1.69E-40	24	DUSP1	Immune/Granulocytes
2.4582E-22	-0.2209184	0.189	0.415	4.97E-18	24	ITM2B	Immune/Granulocytes
2.9507E-31	-0.2495304	0.191	0.472	5.96E-27	24	RPS13	Immune/Granulocytes
3.173E-26	-0.2247789	0.231	0.498	6.41E-22	24	RPL7	Immune/Granulocytes
4.3276E-25	-0.2227798	0.244	0.505	8.75E-21	24	RPL27A	Immune/Granulocytes
1.8933E-21	-0.204064	0.295	0.551	3.83E-17	24	RPL11	Immune/Granulocytes
1.1698E-33	-0.2680054	0.204	0.497	2.36E-29	24	RPS26	Immune/Granulocytes
4.2702E-23	-0.2198189	0.27	0.523	8.63E-19	24	RPL35A	Immune/Granulocytes
2.1496E-11	-0.2181435	0.15	0.28	4.34E-07	24	LGALS1	Immune/Granulocytes
7.578E-22	-0.2115801	0.338	0.595	1.53E-17	24	RPLP2	Immune/Granulocytes
2.5356E-08	-0.2391739	0.099	0.19	0.000512	24	MT1X	Immune/Granulocytes
3.5438E-19	-0.2086498	0.359	0.596	7.16E-15	24	RPL28	Immune/Granulocytes
1.7041E-46	-0.355752	0.194	0.534	3.44E-42	24	RPS3A	Immune/Granulocytes
4.8414E-22	-0.2323346	0.315	0.559	9.78E-18	24	RPL18A	Immune/Granulocytes
3.7171E-34	-0.3109485	0.203	0.482	7.51E-30	24	RPS2	Immune/Granulocytes
1.1857E-19	-0.2141333	0.402	0.641	2.4E-15	24	RPL36	Immune/Granulocytes
3.5508E-17	-0.2208165	0.392	0.612	7.18E-13	24	RPS12	Immune/Granulocytes
7.2921E-49	-0.3742503	0.222	0.57	1.47E-44	24	TPT1	Immune/Granulocytes
1.8225E-40	-0.6372586	0.076	0.332	3.68E-36	24	HLA-DRA	Immune/Granulocytes
6.7478E-32	-0.296298	0.301	0.589	1.36E-27	24	RPL26	Immune/Granulocytes
1.2878E-16	-0.2916758	0.191	0.36	2.6E-12	24	CD74	Immune/Granulocytes
5.3053E-42	-0.3612246	0.275	0.604	1.07E-37	24	RPS15A	Immune/Granulocytes
0.00035009	-0.2437107	0.277	0.358	1	24	MT2A	Immune/Granulocytes

8.1738E-13	-0.2116626	0.753	0.785	1.65E-08	24	RPL10	Immune/Granulocytes
4.4106E-19	-0.2179851	0.83	0.847	8.91E-15	24	PTMA	Immune/Granulocytes
5.2615E-20	-0.2444262	0.682	0.772	1.06E-15	24	RPS27A	Immune/Granulocytes
6.7636E-11	-0.2396618	0.629	0.694	1.37E-06	24	NEAT1	Immune/Granulocytes
1.2623E-22	-0.3782317	0.348	0.57	2.55E-18	24	FTH1	Immune/Granulocytes
5.7349E-12	-0.259297	0.811	0.793	1.16E-07	24	TMSB10	Immune/Granulocytes
1.1626E-32	-0.3946859	0.45	0.659	2.35E-28	24	ACTB	Immune/Granulocytes
6.7502E-22	-0.2675479	0.923	0.907	1.36E-17	24	RPL21	Immune/Granulocytes
3.508E-39	-0.3449214	0.957	0.947	7.09E-35	24	RPL34	Immune/Granulocytes
5.7492E-52	-0.6452479	0.325	0.586	1.16E-47	24	FOS	Immune/Granulocytes
0.00321546	-0.4935664	0.171	0.217	1	24	MT1G	Immune/Granulocytes
1.0495E-53	-0.4298175	1	0.997	2.12E-49	24	MALAT1	Immune/Granulocytes
2.633E-15	-1.5591837	0.048	0.169	5.32E-11	24	IGKC	Immune/Granulocytes
4.028E-66	-0.4994872	0.807	0.872	8.14E-62	24	RPL39	Immune/Granulocytes
2.1455E-62	-0.6021264	0.916	0.886	4.34E-58	24	TMSB4X	Immune/Granulocytes
3.3526E-12	-0.7471935	0.725	0.702	6.77E-08	24	FTL	Immune/Granulocytes
7.212E-138	-0.933055	0.937	0.955	1.5E-133	24	B2M	Immune/Granulocytes
0	2.01896234	0.986	0.026	0	25	CXCL10	Immune/Monocytes, Neutrophils
0	0.72210683	0.474	0.024	0	25	CXCL9	Immune/Monocytes, Neutrophils
0	0.70037717	0.306	0.016	0	25	CCL8	Immune/Monocytes, Neutrophils
0	0.37976032	0.268	0.008	0	25	CXCL11	Immune/Monocytes, Neutrophils
0	0.6226009	0.608	0.045	0	25	GBP1	Immune/Monocytes, Neutrophils
0	0.41790565	0.426	0.037	0	25	FAM26F	Immune/Monocytes, Neutrophils
5.435E-251	0.52610154	0.36	0.043	1.1E-246	25	C15orf48	Immune/Monocytes, Neutrophils
0	0.47967998	0.472	0.052	0	25	PLEK	Immune/Monocytes, Neutrophils
3.444E-147	0.68238349	0.37	0.071	7E-143	25	CCL2	Immune/Monocytes, Neutrophils
2.098E-299	0.29332014	0.29	0.024	4.2E-295	25	GBP5	Immune/Monocytes, Neutrophils
9.657E-193	0.6545819	0.504	0.101	2E-188	25	C1QB	Immune/Monocytes, Neutrophils
4.205E-235	0.67553801	0.644	0.143	8.5E-231	25	FCER1G	Immune/Monocytes, Neutrophils
1.747E-189	0.55746348	0.438	0.081	3.5E-185	25	ISG15	Immune/Monocytes, Neutrophils
1.231E-216	0.66886294	0.654	0.147	2.5E-212	25	LYZ	Immune/Monocytes, Neutrophils
2.652E-267	0.30302682	0.34	0.036	5.4E-263	25	TNFSF13B	Immune/Monocytes, Neutrophils
3.025E-237	0.69445209	0.73	0.179	6.1E-233	25	TYROBP	Immune/Monocytes, Neutrophils
5.332E-214	0.97870119	0.886	0.323	1.1E-209	25	HLA-DRA	Immune/Monocytes, Neutrophils
5.615E-157	0.63297344	0.508	0.12	1.1E-152	25	C1QA	Immune/Monocytes, Neutrophils
2.829E-202	0.6491635	0.706	0.187	5.7E-198	25	AIF1	Immune/Monocytes, Neutrophils
1.304E-130	0.57168186	0.442	0.106	2.6E-126	25	CCL3	Immune/Monocytes, Neutrophils
1.72E-212	0.4578282	0.534	0.106	3.5E-208	25	STAT1	Immune/Monocytes, Neutrophils
1.269E-209	0.29971095	0.336	0.044	2.6E-205	25	SNX10	Immune/Monocytes, Neutrophils
1.169E-196	0.52244076	0.578	0.132	2.4E-192	25	SOD2	Immune/Monocytes, Neutrophils
1.169E-196	0.52244076	0.578	0.132	2.4E-192	25	SOD2	Immune/Monocytes, Neutrophils
3.719E-211	0.28255731	0.324	0.041	7.5E-207	25	WARS	Immune/Monocytes, Neutrophils
5.191E-112	0.37257497	0.276	0.051	1E-107	25	CCL3L3	Immune/Monocytes, Neutrophils
2.3129E-90	0.45300759	0.324	0.078	4.67E-86	25	APOC1	Immune/Monocytes, Neutrophils
2.099E-177	0.29789082	0.374	0.061	4.2E-173	25	LAP3	Immune/Monocytes, Neutrophils
5.576E-173	0.22999355	0.276	0.035	1.1E-168	25	GBP4	Immune/Monocytes, Neutrophils
3.271E-162	0.41088211	0.506	0.116	6.6E-158	25	VAMP5	Immune/Monocytes, Neutrophils
5.195E-158	0.73383544	0.856	0.353	1E-153	25	CD74	Immune/Monocytes, Neutrophils

7.23E-158	0.40016549	0.532	0.127	1.5E-153	25	CTSS	Immune/Monocytes, Neutrophils
4.217E-144	0.44526399	0.594	0.165	8.5E-140	25	HLA-DPB1	Immune/Monocytes, Neutrophils
7.064E-147	0.35480315	0.446	0.099	1.4E-142	25	TYMP	Immune/Monocytes, Neutrophils
3.688E-131	0.23593914	0.252	0.038	7.5E-127	25	BCL2A1	Immune/Monocytes, Neutrophils
2.44E-114	0.35579868	0.39	0.09	4.9E-110	25	11-1143G9	Immune/Monocytes, Neutrophils
2.655E-130	0.27815627	0.322	0.06	5.4E-126	25	CYBB	Immune/Monocytes, Neutrophils
2.975E-139	0.70116049	0.866	0.412	6E-135	25	SAT1	Immune/Monocytes, Neutrophils
1.573E-113	0.42208121	0.496	0.144	3.2E-109	25	GLUL	Immune/Monocytes, Neutrophils
5.233E-136	0.27816115	0.354	0.068	1.1E-131	25	FGL2	Immune/Monocytes, Neutrophils
7.747E-111	0.38560585	0.45	0.12	1.6E-106	25	CTSB	Immune/Monocytes, Neutrophils
4.17E-128	0.39343298	0.52	0.142	8.4E-124	25	HLA-DPA1	Immune/Monocytes, Neutrophils
1.957E-123	0.46829164	0.62	0.203	4E-119	25	NPC2	Immune/Monocytes, Neutrophils
6.132E-115	0.26133649	0.288	0.053	1.2E-110	25	MSR1	Immune/Monocytes, Neutrophils
2.518E-112	0.32490713	0.374	0.086	5.1E-108	25	CTSZ	Immune/Monocytes, Neutrophils
1.336E-107	0.26548802	0.286	0.055	2.7E-103	25	C1QC	Immune/Monocytes, Neutrophils
4.304E-120	0.2850295	0.386	0.086	8.7E-116	25	LST1	Immune/Monocytes, Neutrophils
2.171E-112	0.33701951	0.45	0.12	4.4E-108	25	MARCKS	Immune/Monocytes, Neutrophils
1.623E-104	0.35678429	0.456	0.129	3.3E-100	25	NAMPT	Immune/Monocytes, Neutrophils
2.737E-101	0.48911475	0.684	0.273	5.53E-97	25	CST3	Immune/Monocytes, Neutrophils
7.934E-115	0.7619672	0.898	0.564	1.6E-110	25	FTH1	Immune/Monocytes, Neutrophils
2.331E-125	0.88346242	0.942	0.7	4.7E-121	25	FTL	Immune/Monocytes, Neutrophils
1.7782E-58	0.31936918	0.262	0.072	3.59E-54	25	CXCL8	Immune/Monocytes, Neutrophils
1.7246E-89	0.41512568	0.568	0.207	3.49E-85	25	PSAP	Immune/Monocytes, Neutrophils
5.922E-102	0.21666564	0.274	0.053	1.2E-97	25	FCGR3A	Immune/Monocytes, Neutrophils
1.3295E-94	0.24590123	0.302	0.067	2.69E-90	25	CD83	Immune/Monocytes, Neutrophils
5.7787E-80	0.43170588	0.556	0.219	1.17E-75	25	NFKBIA	Immune/Monocytes, Neutrophils
8.2235E-90	0.46235219	0.68	0.288	1.66E-85	25	SRGN	Immune/Monocytes, Neutrophils
3.0002E-88	0.26631031	0.346	0.088	6.06E-84	25	MS4A6A	Immune/Monocytes, Neutrophils
1.9654E-89	0.27588435	0.36	0.095	3.97E-85	25	PSME2	Immune/Monocytes, Neutrophils
1.0375E-66	0.33480835	0.388	0.126	2.1E-62	25	CXCL2	Immune/Monocytes, Neutrophils
1.6E-116	0.71958012	0.926	0.654	3.2E-112	25	ACTB	Immune/Monocytes, Neutrophils
2.5936E-54	0.27182627	0.23	0.062	5.24E-50	25	CCL4L2	Immune/Monocytes, Neutrophils
2.8156E-86	0.43445501	0.66	0.286	5.69E-82	25	CYBA	Immune/Monocytes, Neutrophils
9.1208E-90	0.25518728	0.356	0.092	1.84E-85	25	LAPTM5	Immune/Monocytes, Neutrophils
1.2092E-67	0.31597883	0.368	0.118	2.44E-63	25	IER3	Immune/Monocytes, Neutrophils
1.4236E-79	0.27844854	0.394	0.118	2.88E-75	25	HLA-DRB5	Immune/Monocytes, Neutrophils
4.018E-135	0.74436716	0.978	0.792	8.1E-131	25	TMSB10	Immune/Monocytes, Neutrophils
1.0811E-69	0.2684897	0.334	0.099	2.18E-65	25	LY96	Immune/Monocytes, Neutrophils
8.8298E-72	0.37040965	0.566	0.235	1.78E-67	25	S100A11	Immune/Monocytes, Neutrophils
2.6337E-66	0.31743994	0.438	0.157	5.32E-62	25	HLA-DRB1	Immune/Monocytes, Neutrophils
1.6855E-31	0.39953087	0.332	0.151	3.41E-27	25	APOE	Immune/Monocytes, Neutrophils
3.027E-71	0.24172324	0.314	0.087	6.12E-67	25	MAFB	Immune/Monocytes, Neutrophils
1.0128E-77	0.35946353	0.584	0.241	2.05E-73	25	POMP	Immune/Monocytes, Neutrophils
2.3551E-72	0.21760148	0.276	0.069	4.76E-68	25	CD163	Immune/Monocytes, Neutrophils
9.7129E-67	0.45084446	0.722	0.384	1.96E-62	25	DUSP1	Immune/Monocytes, Neutrophils
1.6883E-68	0.3857	0.644	0.299	3.41E-64	25	KLF6	Immune/Monocytes, Neutrophils
3.4697E-71	0.22885403	0.334	0.096	7.01E-67	25	CMTM6	Immune/Monocytes, Neutrophils
1.8621E-68	0.52102892	0.882	0.58	3.76E-64	25	FOS	Immune/Monocytes, Neutrophils

1.8546E-63	0.22192373	0.3	0.085	3.75E-59	25	S100A9	Immune/Monocytes, Neutrophils
1.7913E-54	0.29954432	0.4	0.154	3.62E-50	25	PRDX1	Immune/Monocytes, Neutrophils
6.9658E-66	0.24150794	0.35	0.109	1.41E-61	25	FYB	Immune/Monocytes, Neutrophils
8.6082E-68	0.20055606	0.278	0.072	1.74E-63	25	HLA-DQA1	Immune/Monocytes, Neutrophils
2.1616E-41	0.22635412	0.214	0.063	4.37E-37	25	S100A8	Immune/Monocytes, Neutrophils
4.2404E-60	0.30968877	0.494	0.2	8.57E-56	25	GPX1	Immune/Monocytes, Neutrophils
5.5417E-68	0.30190632	0.554	0.227	1.12E-63	25	OAZ1	Immune/Monocytes, Neutrophils
5.054E-57	0.21413473	0.282	0.083	1.02E-52	25	CTSC	Immune/Monocytes, Neutrophils
4.1289E-55	0.20220197	0.248	0.069	8.34E-51	25	CTSL	Immune/Monocytes, Neutrophils
7.8348E-50	0.3390815	0.574	0.276	1.58E-45	25	LGALS1	Immune/Monocytes, Neutrophils
3.6403E-44	0.26189893	0.334	0.127	7.36E-40	25	SGK1	Immune/Monocytes, Neutrophils
6.314E-105	0.65315216	0.994	0.955	1.3E-100	25	B2M	Immune/Monocytes, Neutrophils
8.6966E-41	0.33946383	0.492	0.246	1.76E-36	25	HSPA1A	Immune/Monocytes, Neutrophils
1.3021E-49	0.31806934	0.546	0.26	2.63E-45	25	ZFP36	Immune/Monocytes, Neutrophils
3.9526E-36	0.2013971	0.196	0.06	7.99E-32	25	CXCL3	Immune/Monocytes, Neutrophils
7.4789E-52	0.20235233	0.286	0.09	1.51E-47	25	IRF1	Immune/Monocytes, Neutrophils
2.4322E-54	0.22864589	0.378	0.137	4.91E-50	25	SDCBP	Immune/Monocytes, Neutrophils
3.092E-49	0.28944763	0.514	0.237	6.25E-45	25	SH3BGRL3	Immune/Monocytes, Neutrophils
4.2061E-50	0.23060463	0.358	0.132	8.5E-46	25	VAMP8	Immune/Monocytes, Neutrophils
9.925E-48	0.20045641	0.282	0.093	2.01E-43	25	LITAF	Immune/Monocytes, Neutrophils
1.4892E-39	0.21836058	0.294	0.108	3.01E-35	25	RNASE1	Immune/Monocytes, Neutrophils
7.7599E-30	0.20253868	0.192	0.066	1.57E-25	25	FN1	Immune/Monocytes, Neutrophils
1.9926E-25	0.25166666	0.254	0.109	4.03E-21	25	CCL4	Immune/Monocytes, Neutrophils
7.4535E-47	0.26878449	0.524	0.248	1.51E-42	25	HLA-A	Immune/Monocytes, Neutrophils
4.5967E-41	0.30023379	0.626	0.356	9.29E-37	25	HLA-B	Immune/Monocytes, Neutrophils
5.0366E-38	0.24600112	0.51	0.253	1.02E-33	25	VIM	Immune/Monocytes, Neutrophils
2.6707E-58	0.44239591	0.976	0.886	5.4E-54	25	TMSB4X	Immune/Monocytes, Neutrophils
3.9021E-33	0.22349212	0.418	0.207	7.89E-29	25	YBX1	Immune/Monocytes, Neutrophils
1.7776E-30	0.21839698	0.416	0.209	3.59E-26	25	CD63	Immune/Monocytes, Neutrophils
2.3138E-34	0.23125509	0.54	0.289	4.68E-30	25	PFN1	Immune/Monocytes, Neutrophils
1.8875E-31	0.34121381	0.866	0.691	3.81E-27	25	NEAT1	Immune/Monocytes, Neutrophils
5.4206E-33	0.20635207	0.444	0.22	1.1E-28	25	HLA-C	Immune/Monocytes, Neutrophils
9.603E-27	0.21904332	0.444	0.235	1.94E-22	25	IFITM3	Immune/Monocytes, Neutrophils
1.3472E-31	0.20532149	0.428	0.214	2.72E-27	25	CFL1	Immune/Monocytes, Neutrophils
3.2527E-17	0.20884338	0.45	0.279	6.57E-13	25	HSPA1B	Immune/Monocytes, Neutrophils
2.1198E-23	0.23351458	0.768	0.573	4.28E-19	25	ATP5E	Immune/Monocytes, Neutrophils
1.808E-21	0.20495525	0.682	0.462	3.65E-17	25	HSP90AA1	Immune/Monocytes, Neutrophils
1.4084E-15	-0.2855769	0.038	0.171	2.85E-11	25	WFDC2	Immune/Monocytes, Neutrophils
2.7257E-16	-0.2677288	0.046	0.19	5.51E-12	25	CLU	Immune/Monocytes, Neutrophils
6.6437E-14	-0.2869951	0.048	0.171	1.34E-09	25	DEFB1	Immune/Monocytes, Neutrophils
2.5503E-16	-0.2674278	0.066	0.212	5.15E-12	25	FXYD2	Immune/Monocytes, Neutrophils
1.1858E-07	-0.2548827	0.036	0.108	0.002396	25	IGFBP5	Immune/Monocytes, Neutrophils
2.5027E-13	-0.2154153	0.108	0.246	5.06E-09	25	IGFBP7	Immune/Monocytes, Neutrophils
1.0402E-15	-0.322088	0.076	0.223	2.1E-11	25	ADIRF	Immune/Monocytes, Neutrophils
2.4138E-16	-0.3399188	0.084	0.232	4.88E-12	25	ATP1B1	Immune/Monocytes, Neutrophils
4.1127E-11	-0.2163468	0.36	0.472	8.31E-07	25	RPL3	Immune/Monocytes, Neutrophils
0.00364302	-0.2242212	0.146	0.189	1	25	MT1X	Immune/Monocytes, Neutrophils
1.8184E-12	-0.2136612	0.71	0.795	3.67E-08	25	RPL13A	Immune/Monocytes, Neutrophils

2.1281E-13	-0.2488124	0.498	0.596	4.3E-09	25	RPS6	Immune/Monocytes, Neutrophils
7.2256E-15	-0.2521068	0.73	0.814	1.46E-10	25	RPS18	Immune/Monocytes, Neutrophils
4.8538E-19	-0.2658632	0.614	0.713	9.81E-15	25	RPS14	Immune/Monocytes, Neutrophils
4.2481E-14	-0.2322549	0.942	0.946	8.58E-10	25	RPS27	Immune/Monocytes, Neutrophils
8.0785E-16	-0.238959	0.934	0.947	1.63E-11	25	RPL34	Immune/Monocytes, Neutrophils
1.6368E-14	-0.2745209	0.942	0.952	3.31E-10	25	MT-ND1	Immune/Monocytes, Neutrophils
1.571E-07	-0.5258702	0.126	0.217	0.003175	25	MT1G	Immune/Monocytes, Neutrophils
5.8265E-24	-0.3446852	0.83	0.887	1.18E-19	25	MT-ND5	Immune/Monocytes, Neutrophils
1.6036E-25	-0.3313028	1	0.997	3.24E-21	25	MALAT1	Immune/Monocytes, Neutrophils
8.5169E-26	-0.4218736	0.676	0.794	1.72E-21	25	MT-ND4L	Immune/Monocytes, Neutrophils
0.00021356	-1.4067733	0.112	0.168	1	25	IGKC	Immune/Monocytes, Neutrophils
0	2.32690924	1	0.26	0	26	SPP1	Immune
3.055E-177	0.76259737	0.437	0.078	6.2E-173	26	APOC1	Immune
4.751E-170	0.22497632	0.175	0.014	9.6E-166	26	VMO1	Immune
1.1819E-97	0.78009214	0.481	0.15	2.39E-93	26	APOE	Immune
1.488E-140	0.58998956	0.494	0.12	3E-136	26	CTSB	Immune
8.619E-115	0.51541864	0.364	0.079	1.7E-110	26	FABP5	Immune
1.1922E-92	0.58694726	0.39	0.103	2.41E-88	26	C1QB	Immune
6.9468E-93	0.59675852	0.428	0.121	1.4E-88	26	C1QA	Immune
9.898E-115	0.3285699	0.271	0.045	2E-110	26	C15orf48	Immune
7.6833E-86	0.56720144	0.519	0.181	1.55E-81	26	TYROBP	Immune
1.3349E-92	0.31938542	0.273	0.054	2.7E-88	26	MSR1	Immune
2.8616E-90	0.56610615	0.557	0.201	5.78E-86	26	CTSD	Immune
8.2845E-98	0.32578243	0.319	0.068	1.67E-93	26	CTSL	Immune
8.1871E-47	0.45344687	0.246	0.073	1.65E-42	26	CCL2	Immune
5.4161E-57	0.3938122	0.268	0.072	1.09E-52	26	CXCL8	Immune
7.3929E-78	1.08195521	0.938	0.701	1.49E-73	26	FTL	Immune
3.8743E-67	0.34927415	0.266	0.065	7.83E-63	26	FN1	Immune
1.4456E-80	0.43069993	0.457	0.145	2.92E-76	26	FCER1G	Immune
6.9637E-63	0.38283359	0.348	0.108	1.41E-58	26	RNASE1	Immune
9.68E-59	0.57253094	0.57	0.276	1.96E-54	26	LGALS1	Immune
1.0519E-52	0.62510018	0.612	0.326	2.13E-48	26	HLA-DRA	Immune
9.4164E-66	0.23977292	0.213	0.045	1.9E-61	26	PLIN2	Immune
6.1182E-75	0.23217536	0.257	0.056	1.24E-70	26	C1QC	Immune
1.7752E-63	0.41968806	0.503	0.205	3.59E-59	26	NPC2	Immune
2.1522E-68	0.27420034	0.322	0.087	4.35E-64	26	CTSZ	Immune
5.5782E-73	0.27378703	0.339	0.093	1.13E-68	26	LAPTM5	Immune
8.1586E-69	0.23443109	0.268	0.064	1.65E-64	26	LIPA	Immune
5.5177E-57	0.35420041	0.404	0.146	1.12E-52	26	GLUL	Immune
3.3582E-64	0.2274853	0.246	0.058	6.79E-60	26	CD14	Immune
3.9186E-52	0.25153603	0.257	0.072	7.92E-48	26	LGMN	Immune
4.6224E-46	0.23693033	0.226	0.062	9.34E-42	26	HMOX1	Immune
2.3017E-51	0.35976952	0.483	0.208	4.65E-47	26	PSAP	Immune
5.6858E-56	0.22855941	0.29	0.084	1.15E-51	26	GRN	Immune
1.3834E-34	0.47057942	0.579	0.356	2.8E-30	26	CD74	Immune
8.9767E-46	0.33137931	0.457	0.201	1.81E-41	26	GPX1	Immune
1.378E-41	0.20183746	0.22	0.064	2.78E-37	26	ALOX5AP	Immune
7.8641E-29	0.52866983	0.705	0.566	1.59E-24	26	FTH1	Immune

2.1969E-28	0.28886064	0.31	0.138	4.44E-24	26	TIMP1	Immune
1.0824E-27	0.20025807	0.184	0.061	2.19E-23	26	CXCL3	Immune
3.7604E-36	0.26207444	0.426	0.19	7.6E-32	26	AIF1	Immune
3.3449E-29	0.49032285	0.756	0.656	6.76E-25	26	ACTB	Immune
2.6374E-25	0.31101649	0.494	0.29	5.33E-21	26	SRGN	Immune
2.9776E-29	0.27796416	0.446	0.236	6.02E-25	26	S100A11	Immune
3.4607E-27	0.27072235	0.45	0.249	6.99E-23	26	HLA-A	Immune
8.4128E-29	0.24013533	0.412	0.209	1.7E-24	26	CD63	Immune
5.3226E-36	0.38384536	0.949	0.792	1.08E-31	26	TMSB10	Immune
1.8663E-22	0.24965773	0.441	0.253	3.77E-18	26	VIM	Immune
2.1144E-22	0.23694025	0.421	0.238	4.27E-18	26	SH3BGRL3	Immune
2.2423E-19	0.22877155	0.408	0.244	4.53E-15	26	GAPDH	Immune
5.2642E-17	0.24581373	0.443	0.289	1.06E-12	26	CYBA	Immune
3.7745E-17	0.20324301	0.443	0.275	7.63E-13	26	CST3	Immune
1.6771E-18	0.2125284	0.608	0.415	3.39E-14	26	SAT1	Immune
5.8476E-05	0.29089516	0.993	0.955	1	26	B2M	Immune
1.3909E-10	0.22781679	0.958	0.952	2.81E-06	26	MT-ND1	Immune
0.00015801	0.20997732	0.847	0.792	1	26	MT-ND4L	Immune
1.1364E-08	0.20246374	0.973	0.886	0.00023	26	TMSB4X	Immune
0.00054377	-0.2020358	0.058	0.108	1	26	IGFBP5	Immune
4.2462E-07	-0.2250691	0.122	0.223	0.008581	26	ADIRF	Immune
1.4843E-12	-0.2095683	0.266	0.426	3E-08	26	RPS3	Immune
2.722E-14	-0.2299384	0.284	0.451	5.5E-10	26	RPS4X	Immune
2.0615E-15	-0.244434	0.288	0.472	4.17E-11	26	RPL3	Immune
3.9137E-12	-0.2161876	0.353	0.496	7.91E-08	26	RPL7	Immune
5.5659E-13	-0.2323578	0.399	0.549	1.12E-08	26	RPL11	Immune
3.9503E-12	-0.2263392	0.41	0.549	7.98E-08	26	RPL23A	Immune
2.0528E-15	-0.2450263	0.415	0.587	4.15E-11	26	RPL26	Immune
1.4384E-13	-0.2449522	0.384	0.531	2.91E-09	26	RPS3A	Immune
1.2346E-14	-0.2308725	0.519	0.67	2.49E-10	26	RPS28	Immune
1.0481E-17	-0.2766868	0.373	0.558	2.12E-13	26	RPL18A	Immune
2.1831E-11	-0.2287371	0.599	0.694	4.41E-07	26	RPS8	Immune
3.7253E-21	-0.3018373	0.392	0.597	7.53E-17	26	RPS6	Immune
2.4746E-14	-0.2076977	0.84	0.873	5E-10	26	RPL41	Immune
1.55E-11	-0.2322788	0.687	0.765	3.13E-07	26	RPL32	Immune
5.5885E-15	-0.2773422	0.455	0.602	1.13E-10	26	RPS15A	Immune
2.4231E-09	-0.2209849	0.874	0.871	4.9E-05	26	RPL39	Immune
1.1041E-13	-0.2512491	0.745	0.814	2.23E-09	26	RPS18	Immune
1.1232E-19	-0.2723011	0.692	0.795	2.27E-15	26	RPL13A	Immune
5.9426E-23	-0.3002642	0.641	0.772	1.2E-18	26	RPS27A	Immune
7.9765E-22	-0.3198876	0.685	0.786	1.61E-17	26	RPL10	Immune
4.4778E-28	-0.3479303	0.84	0.908	9.05E-24	26	RPL21	Immune
2.4312E-33	-0.3725912	0.9	0.947	4.91E-29	26	RPS27	Immune
3.5017E-43	-0.428669	0.896	0.948	7.08E-39	26	RPL34	Immune
8.9557E-64	-0.5740659	1	0.997	1.81E-59	26	MALAT1	Immune
0.00163185	-1.4031341	0.115	0.168	1	26	IGKC	Immune
0	1.24083568	0.995	0.007	0	27	CXCL13	Tcells
8.396E-142	0.30599579	0.27	0.036	1.7E-137	27	IFNG	Tcells

2.0916E-91	0.51300625	0.5	0.154	4.23E-87	27	CCL5	Tcells
4.545E-100	0.20451444	0.221	0.033	9.18E-96	27	DUSP4	Tcells
8.408E-84	0.2208771	0.203	0.033	1.7E-79	27	GZMB	Tcells
1.13E-103	0.27033414	0.332	0.067	2.3E-99	27	CD2	Tcells
1.0083E-93	0.28219771	0.346	0.078	2.04E-89	27	CD3D	Tcells
5.3821E-81	0.37114366	0.479	0.15	1.09E-76	27	RGS1	Tcells
4.1372E-79	0.34875935	0.486	0.156	8.36E-75	27	CD52	Tcells
3.2578E-61	0.25371113	0.295	0.08	6.58E-57	27	PRDM1	Tcells
7.6264E-56	0.35457356	0.465	0.178	1.54E-51	27	IL32	Tcells
3.5575E-58	0.23399381	0.256	0.065	7.19E-54	27	ITM2A	Tcells
3.0151E-49	0.20160073	0.242	0.065	6.09E-45	27	NKG7	Tcells
1.1211E-54	0.24939654	0.387	0.132	2.27E-50	27	PTPRC	Tcells
3.5859E-43	0.24091077	0.355	0.13	7.25E-39	27	CD69	Tcells
2.7392E-40	0.28191175	0.482	0.214	5.54E-36	27	CXCR4	Tcells
2.9943E-28	0.25825544	0.532	0.29	6.05E-24	27	SRGN	Tcells
1.5854E-25	0.27573859	0.495	0.29	3.2E-21	27	PFN1	Tcells
1.2646E-59	0.42523786	0.998	0.955	2.56E-55	27	B2M	Tcells
2.4943E-28	0.30130616	0.71	0.492	5.04E-24	27	RPS26	Tcells
9.2454E-25	0.22418515	0.447	0.237	1.87E-20	27	SH3BGRL3	Tcells
7.9915E-20	0.28124479	0.862	0.802	1.61E-15	27	RPLP1	Tcells
5.3081E-15	0.21287818	0.753	0.599	1.07E-10	27	RPS15A	Tcells
1.6335E-16	0.22443098	0.906	0.871	3.3E-12	27	RPL39	Tcells
4.7663E-15	0.20795123	0.853	0.794	9.63E-11	27	RPL13A	Tcells
1.3881E-19	0.20340322	0.963	0.886	2.81E-15	27	TMSB4X	Tcells
1.2403E-11	-0.2246858	0.021	0.13	2.51E-07	27	CXCL2	Tcells
1.1402E-16	-0.2226951	0.048	0.209	2.3E-12	27	NPC2	Tcells
7.9613E-12	-0.2080316	0.039	0.156	1.61E-07	27	HES1	Tcells
1.3088E-15	-0.2472071	0.041	0.194	2.64E-11	27	AIF1	Tcells
1.118E-16	-0.3281102	0.035	0.19	2.26E-12	27	CLU	Tcells
2.3153E-14	-0.2969767	0.035	0.171	4.68E-10	27	WFDC2	Tcells
2.0665E-19	-0.2625255	0.058	0.239	4.18E-15	27	IFITM3	Tcells
4.8958E-15	-0.2306215	0.06	0.212	9.89E-11	27	PSAP	Tcells
5.483E-08	-0.2608727	0.028	0.108	0.001108	27	IGFBP5	Tcells
8.5689E-20	-0.2883115	0.058	0.246	1.73E-15	27	IGFBP7	Tcells
1.0458E-12	-0.2315566	0.055	0.186	2.11E-08	27	TYROBP	Tcells
1.2209E-12	-0.2756053	0.044	0.171	2.47E-08	27	DEFB1	Tcells
5.9419E-22	-0.3012473	0.074	0.279	1.2E-17	27	CST3	Tcells
1.5393E-09	-0.202264	0.092	0.205	3.11E-05	27	CTSD	Tcells
9.2608E-08	-0.2495865	0.053	0.141	0.001871	27	TIMP1	Tcells
1.6543E-09	-0.2824191	0.051	0.153	3.34E-05	27	LYZ	Tcells
3.9053E-17	-0.3673409	0.058	0.223	7.89E-13	27	ADIRF	Tcells
4.7896E-18	-0.2850106	0.097	0.28	9.68E-14	27	EGR1	Tcells
1.5242E-11	-0.2468981	0.085	0.212	3.08E-07	27	FXYD2	Tcells
8.387E-17	-0.3443199	0.067	0.232	1.69E-12	27	ATP1B1	Tcells
1.9781E-06	-0.2229309	0.074	0.153	0.039974	27	APOE	Tcells
1.9805E-06	-0.2253822	0.184	0.28	0.040022	27	LGALS1	Tcells
8.9945E-16	-0.2747477	0.24	0.414	1.82E-11	27	ITM2B	Tcells
9.3047E-07	-0.2105198	0.599	0.694	0.018803	27	NEAT1	Tcells

6.5654E-18	-0.5372221	0.092	0.268	1.33E-13	27	SPP1	T cells
0.00699982	-0.2391496	0.147	0.189	1	27	MT1X	T cells
1.8647E-17	-0.3560165	0.237	0.418	3.77E-13	27	SAT1	T cells
1.6646E-06	-0.2207762	0.947	0.952	0.033638	27	MT-ND1	T cells
1.6654E-09	-0.3176425	0.249	0.359	3.37E-05	27	CD74	T cells
0.00173589	-0.2221259	0.797	0.793	1	27	MT-ND4L	T cells
9.5156E-15	-0.3811603	0.311	0.456	1.92E-10	27	S100A6	T cells
3.7189E-12	-0.5133211	0.2	0.33	7.52E-08	27	HLA-DRA	T cells
2.0188E-22	-0.4745358	0.382	0.569	4.08E-18	27	FTH1	T cells
1.0096E-23	-0.5250288	0.401	0.585	2.04E-19	27	FOS	T cells
0.0021628	-0.5163632	0.166	0.217	1	27	MT1G	T cells
1.9621E-12	-0.6592319	0.599	0.704	3.96E-08	27	FTL	T cells
0	1.57752065	0.242	0.002	0	28	IGHA2	B cells
0	3.74010364	0.871	0.03	0	28	IGHA1	B cells
0	2.53346635	0.548	0.033	0	28	JCHAIN	B cells
1.705E-156	2.02281529	0.158	0.012	3.4E-152	28	IGHM	B cells
6.2518E-57	1.8299275	0.24	0.06	1.26E-52	28	IGLC3	B cells
3.2683E-47	1.93075625	0.264	0.081	6.6E-43	28	IGLC2	B cells
1.0692E-87	1.96627334	0.482	0.165	2.16E-83	28	IGKC	B cells
0	0.45820039	0.348	0.028	0	28	MZB1	B cells
1.093E-300	0.20130911	0.195	0.009	2.2E-296	28	TNFRSF17	B cells
4.625E-100	0.56680668	0.504	0.155	9.35E-96	28	SSR4	B cells
9.721E-128	0.2217193	0.238	0.031	2E-123	28	FKBP11	B cells
4.3128E-71	0.32161522	0.304	0.076	8.72E-67	28	XBP1	B cells
1.5032E-12	-0.2184608	0.125	0.278	3.04E-08	28	CST3	B cells
2.2139E-06	-0.2148434	0.071	0.153	0.044739	28	LYZ	B cells
1.2511E-12	-0.2000455	0.198	0.362	2.53E-08	28	CALM2	B cells
1.8778E-06	-0.2257736	0.127	0.223	0.037947	28	ADIRF	B cells
8.6018E-05	-0.2160529	0.118	0.189	1	28	MT1X	B cells
2.3389E-17	-0.2677641	0.212	0.414	4.73E-13	28	ITM2B	B cells
5.9127E-09	-0.2093075	0.278	0.417	0.000119	28	SAT1	B cells
2.7942E-16	-0.308095	0.247	0.457	5.65E-12	28	S100A6	B cells
7.1329E-14	-0.2099174	0.595	0.738	1.44E-09	28	EEF1A1	B cells
6.3826E-10	-0.2725839	0.224	0.36	1.29E-05	28	CD74	B cells
0.00826011	-0.2583383	0.214	0.267	1	28	SPP1	B cells
3.0783E-09	-0.3320602	0.224	0.358	6.22E-05	28	MT2A	B cells
8.6832E-13	-0.4125402	0.172	0.33	1.75E-08	28	HLA-DRA	B cells
2.7778E-26	-0.3830539	0.416	0.659	5.61E-22	28	ACTB	B cells
0.00663345	-0.3310778	0.167	0.217	1	28	MT1G	B cells
4.7444E-23	-0.4309928	0.344	0.569	9.59E-19	28	FTH1	B cells
9.4288E-26	-0.384042	0.633	0.795	1.91E-21	28	TMSB10	B cells
5.0159E-21	-0.3812146	0.795	0.887	1.01E-16	28	TMSB4X	B cells
2.1459E-05	-0.503561	0.682	0.703	0.433637	28	FTL	B cells
0	1.25039304	0.998	0.073	0	29	AREG	T cells
2.6577E-73	0.43892123	0.565	0.213	5.37E-69	29	CXCR4	T cells
1.1036E-49	0.32782979	0.374	0.13	2.23E-45	29	CD69	T cells
1.3372E-58	0.49125868	0.697	0.37	2.7E-54	29	PABPC1	T cells
1.0837E-42	0.3156825	0.401	0.155	2.19E-38	29	CCL5	T cells

1.894E-28	0.28919469	0.501	0.272	3.83E-24	29	BTG1	Tcells
3.3681E-26	0.26307485	0.401	0.204	6.81E-22	29	ZFP36L2	Tcells
1.7088E-20	0.21943456	0.35	0.179	3.45E-16	29	IL32	Tcells
2.9462E-40	0.37466733	0.98	0.946	5.95E-36	29	RPS27	Tcells
5.246E-17	0.22937473	0.472	0.291	1.06E-12	29	SRGN	Tcells
2.1425E-30	0.32342001	0.956	0.907	4.33E-26	29	RPL21	Tcells
9.0171E-17	0.26318569	0.636	0.492	1.82E-12	29	RPS26	Tcells
4.5585E-19	0.25905113	0.748	0.592	9.21E-15	29	RPL28	Tcells
9.2596E-16	0.25247076	0.731	0.599	1.87E-11	29	RPS15A	Tcells
7.8604E-20	0.28213758	0.863	0.794	1.59E-15	29	RPL13A	Tcells
1.7943E-17	0.24938427	0.711	0.591	3.63E-13	29	RPLP2	Tcells
9.4788E-15	0.2331182	0.702	0.555	1.92E-10	29	RPL18A	Tcells
9.2468E-24	0.25363069	0.917	0.82	1.87E-19	29	RPL13	Tcells
3.0974E-21	0.26238676	0.905	0.849	6.26E-17	29	RPS29	Tcells
9.5426E-13	0.23160486	0.714	0.609	1.93E-08	29	RPS12	Tcells
1.8753E-10	0.20811809	0.545	0.431	3.79E-06	29	H3F3B	Tcells
1.2727E-31	0.25539614	1	0.997	2.57E-27	29	MALAT1	Tcells
1.887E-16	0.22849784	0.868	0.784	3.81E-12	29	RPL10	Tcells
1.5485E-23	0.24021899	0.993	0.955	3.13E-19	29	B2M	Tcells
9.4099E-14	0.22655377	0.839	0.764	1.9E-09	29	RPL32	Tcells
1.3709E-16	0.23864561	0.902	0.871	2.77E-12	29	RPL39	Tcells
2.7896E-10	0.20990784	0.653	0.562	5.64E-06	29	RPS25	Tcells
1.7525E-12	-0.20549	0.029	0.156	3.54E-08	29	HES1	Tcells
1.4444E-08	-0.2092474	0.02	0.105	0.000292	29	CTGF	Tcells
3.2041E-09	-0.2725511	0.017	0.108	6.47E-05	29	IGFBP5	Tcells
1.4006E-14	-0.2896903	0.027	0.171	2.83E-10	29	DEFB1	Tcells
4.3993E-14	-0.3075098	0.032	0.171	8.89E-10	29	WFDC2	Tcells
6.4122E-15	-0.3203507	0.039	0.189	1.3E-10	29	CLU	Tcells
1.4146E-12	-0.2104501	0.068	0.212	2.86E-08	29	PSAP	Tcells
2.2694E-12	-0.201579	0.071	0.21	4.59E-08	29	HSPB1	Tcells
8.0024E-15	-0.22656	0.076	0.236	1.62E-10	29	DSTN	Tcells
2.0074E-18	-0.2966938	0.061	0.246	4.06E-14	29	IGFBP7	Tcells
3.8782E-15	-0.233806	0.076	0.239	7.84E-11	29	IFITM3	Tcells
8.0374E-18	-0.3758402	0.046	0.223	1.62E-13	29	ADIRF	Tcells
4.3362E-13	-0.2587623	0.068	0.212	8.76E-09	29	FXYD2	Tcells
9.0753E-13	-0.2287826	0.12	0.278	1.83E-08	29	CST3	Tcells
7.2317E-15	-0.3276734	0.071	0.231	1.46E-10	29	ATP1B1	Tcells
3.8957E-05	-0.2186153	0.071	0.141	0.787246	29	TIMP1	Tcells
2.4145E-05	-0.2145219	0.081	0.153	0.487929	29	APOE	Tcells
2.9677E-08	-0.2978632	0.086	0.19	0.0006	29	MT1X	Tcells
3.3516E-11	-0.2290692	0.257	0.414	6.77E-07	29	ITM2B	Tcells
1.4397E-07	-0.2658229	0.174	0.28	0.002909	29	LGALS1	Tcells
2.9549E-11	-0.3019891	0.21	0.36	5.97E-07	29	CD74	Tcells
1.1837E-16	-0.5275454	0.093	0.268	2.39E-12	29	SPP1	Tcells
1.0548E-21	-0.4339406	0.237	0.457	2.13E-17	29	S100A6	Tcells
5.6313E-15	-0.4489231	0.181	0.359	1.14E-10	29	MT2A	Tcells
1.8012E-10	-0.2411312	0.936	0.952	3.64E-06	29	MT-ND1	Tcells
1.5174E-08	-0.4008421	0.213	0.33	0.000307	29	HLA-DRA	Tcells

6.8427E-09	-0.6081653	0.105	0.218	0.000138	29	MT1G	T cells
0	0.20575181	0.152	0.001	0	30	SFRP2	Proximal Tubule
0	1.43963173	0.912	0.067	0	30	MMP7	Proximal Tubule
1.351E-258	0.25042837	0.22	0.013	2.7E-254	30	CDH6	Proximal Tubule
1.284E-239	0.44440917	0.395	0.045	2.6E-235	30	VCAM1	Proximal Tubule
8.773E-190	0.5476543	0.505	0.09	1.8E-185	30	TPM1	Proximal Tubule
2.652E-122	0.31822196	0.355	0.063	5.4E-118	30	PDZK1IP1	Proximal Tubule
5.5406E-68	0.66671866	0.578	0.242	1.12E-63	30	IGFBP7	Proximal Tubule
1.0329E-44	0.52385873	0.308	0.102	2.09E-40	30	CTGF	Proximal Tubule
6.702E-55	0.20743948	0.195	0.04	1.35E-50	30	KRT19	Proximal Tubule
6.1441E-60	0.25070458	0.315	0.085	1.24E-55	30	SOX4	Proximal Tubule
4.1322E-61	0.25531054	0.34	0.095	8.35E-57	30	S100A13	Proximal Tubule
3.4267E-59	0.24770351	0.335	0.092	6.92E-55	30	CRYAB	Proximal Tubule
1.4975E-52	0.2017515	0.242	0.06	3.03E-48	30	NUPR1	Proximal Tubule
3.8993E-32	0.37055079	0.71	0.453	7.88E-28	30	S100A6	Proximal Tubule
1.3725E-33	0.22167106	0.385	0.156	2.77E-29	30	CD24	Proximal Tubule
1.2685E-16	0.27840399	0.58	0.411	2.56E-12	30	ITM2B	Proximal Tubule
2.5421E-22	0.2061195	0.442	0.233	5.14E-18	30	DSTN	Proximal Tubule
2.5848E-15	0.23464169	0.848	0.736	5.22E-11	30	EEF1A1	Proximal Tubule
1.5511E-14	-0.2109977	0.012	0.149	3.13E-10	30	FCER1G	Proximal Tubule
5.7755E-18	-0.2719366	0.018	0.186	1.17E-13	30	TYROBP	Proximal Tubule
1.3063E-09	-0.2020894	0.015	0.11	2.64E-05	30	CCL3	Proximal Tubule
4.8009E-14	-0.3265242	0.018	0.153	9.7E-10	30	LYZ	Proximal Tubule
7.6912E-16	-0.2678515	0.035	0.194	1.55E-11	30	AIF1	Proximal Tubule
6.618E-18	-0.2602159	0.05	0.231	1.34E-13	30	S100A4	Proximal Tubule
8.5186E-08	-0.2131036	0.038	0.124	0.001721	30	C1QA	Proximal Tubule
4.3811E-26	-0.3546869	0.055	0.294	8.85E-22	30	SRGN	Proximal Tubule
4.2433E-13	-0.2194116	0.07	0.217	8.57E-09	30	CXCR4	Proximal Tubule
6.4379E-14	-0.2215486	0.11	0.275	1.3E-09	30	BTG1	Proximal Tubule
8.1719E-14	-0.2322029	0.102	0.264	1.65E-09	30	ZFP36	Proximal Tubule
2.9864E-12	-0.2000572	0.192	0.36	6.03E-08	30	HLA-B	Proximal Tubule
2.3918E-09	-0.2227772	0.248	0.373	4.83E-05	30	PABPC1	Proximal Tubule
1.4874E-13	-0.2884491	0.22	0.389	3.01E-09	30	DUSP1	Proximal Tubule
8.2081E-16	-0.3623263	0.172	0.36	1.66E-11	30	CD74	Proximal Tubule
1.697E-23	-0.6120914	0.102	0.331	3.43E-19	30	HLA-DRA	Proximal Tubule
1.55E-06	-0.2145743	0.625	0.694	0.031323	30	NEAT1	Proximal Tubule
2.2486E-20	-0.4854824	0.385	0.585	4.54E-16	30	FOS	Proximal Tubule
9.8372E-17	-0.3818884	0.88	0.886	1.99E-12	30	TMSB4X	Proximal Tubule
4.7116E-49	-0.6506022	0.92	0.955	9.52E-45	30	B2M	Proximal Tubule
2.2834E-21	-0.8272331	0.565	0.704	4.61E-17	30	FTL	Proximal Tubule
2.9187E-05	-1.4951883	0.092	0.168	0.589802	30	IGKC	Proximal Tubule
0	1.15149582	1	0.026	0	31	STC1	Immune/Neutrophils
9.1144E-41	0.41733075	0.41	0.166	1.84E-36	31	MTRNR2L12	Immune/Neutrophils
5.094E-79	0.64987445	0.98	0.792	1.03E-74	31	MT-ND4L	Immune/Neutrophils
8.7582E-31	0.28841717	0.399	0.168	1.77E-26	31	WFDC2	Immune/Neutrophils
7.7708E-27	0.28855435	0.376	0.169	1.57E-22	31	DEFB1	Immune/Neutrophils
1.5631E-76	0.57232315	0.986	0.886	3.16E-72	31	MT-ND5	Immune/Neutrophils
8.5527E-17	0.30037746	0.343	0.194	1.73E-12	31	MT-ATP8	Immune/Neutrophils

6.6506E-66	0.49315668	1	0.952	1.34E-61	31	MT-ND1	Immune/Neutrophils
2.243E-14	0.26536682	0.287	0.154	4.53E-10	31	HES1	Immune/Neutrophils
4.4888E-33	0.28591591	1	0.989	9.07E-29	31	MT-CYB	Immune/Neutrophils
1.8898E-07	0.20054604	0.298	0.208	0.003819	31	HSPB1	Immune/Neutrophils
3.4725E-06	0.21063302	0.43	0.379	0.070172	31	ATP5I	Immune/Neutrophils
3.7003E-12	-0.2591785	0.003	0.125	7.48E-08	31	C1QA	Immune/Neutrophils
1.0317E-11	-0.2445154	0.008	0.13	2.08E-07	31	CXCL2	Immune/Neutrophils
2.4595E-09	-0.2127358	0.011	0.11	4.97E-05	31	CCL3	Immune/Neutrophils
6.0943E-20	-0.2816907	0.017	0.218	1.23E-15	31	CXCR4	Immune/Neutrophils
2.5576E-12	-0.2144267	0.02	0.154	5.17E-08	31	RGS1	Immune/Neutrophils
4.1252E-13	-0.3284518	0.014	0.153	8.34E-09	31	LYZ	Immune/Neutrophils
3.156E-12	-0.2295432	0.022	0.158	6.38E-08	31	CCL5	Immune/Neutrophils
2.2882E-14	-0.2553156	0.028	0.186	4.62E-10	31	TYROBP	Immune/Neutrophils
9.3706E-15	-0.2676984	0.031	0.194	1.89E-10	31	AIF1	Immune/Neutrophils
2.4098E-22	-0.3264769	0.053	0.294	4.87E-18	31	SRGN	Immune/Neutrophils
2.3727E-12	-0.2113604	0.07	0.231	4.79E-08	31	S100A4	Immune/Neutrophils
4.5808E-16	-0.2231496	0.084	0.291	9.26E-12	31	CYBA	Immune/Neutrophils
5.2114E-13	-0.2046127	0.084	0.256	1.05E-08	31	VIM	Immune/Neutrophils
3.5473E-15	-0.2459259	0.079	0.264	7.17E-11	31	ZFP36	Immune/Neutrophils
5.3633E-14	-0.2287266	0.096	0.275	1.08E-09	31	BTG1	Immune/Neutrophils
1.1107E-13	-0.2006571	0.154	0.36	2.24E-09	31	HLA-B	Immune/Neutrophils
9.1581E-14	-0.2311371	0.115	0.304	1.85E-09	31	KLF6	Immune/Neutrophils
7.2135E-15	-0.2118293	0.197	0.427	1.46E-10	31	RPL15	Immune/Neutrophils
1.1784E-16	-0.2298511	0.197	0.442	2.38E-12	31	RPL9	Immune/Neutrophils
1.5524E-18	-0.251847	0.177	0.434	3.14E-14	31	H3F3B	Immune/Neutrophils
1.5784E-16	-0.2298819	0.216	0.471	3.19E-12	31	RPS13	Immune/Neutrophils
6.547E-09	-0.2284382	0.135	0.28	0.000132	31	LGALS1	Immune/Neutrophils
2.7571E-16	-0.2571142	0.228	0.48	5.57E-12	31	RPS2	Immune/Neutrophils
9.6868E-25	-0.4071855	0.118	0.39	1.96E-20	31	DUSP1	Immune/Neutrophils
2.1428E-12	-0.2124839	0.326	0.549	4.33E-08	31	RPL23A	Immune/Neutrophils
3.3876E-23	-0.3148572	0.208	0.496	6.85E-19	31	RPS26	Immune/Neutrophils
1.2191E-05	-0.2552041	0.098	0.189	0.246347	31	MT1X	Immune/Neutrophils
2.5608E-12	-0.2195061	0.351	0.578	5.17E-08	31	RPS23	Immune/Neutrophils
3.9878E-14	-0.2528102	0.326	0.558	8.06E-10	31	RPL18A	Immune/Neutrophils
3.3349E-14	-0.2538596	0.348	0.595	6.74E-10	31	RPL28	Immune/Neutrophils
5.766E-24	-0.3348785	0.236	0.532	1.17E-19	31	RPS3A	Immune/Neutrophils
3.0087E-12	-0.242959	0.357	0.568	6.08E-08	31	RPL12	Immune/Neutrophils
3.3255E-11	-0.2992717	0.185	0.36	6.72E-07	31	CD74	Immune/Neutrophils
7.7751E-15	-0.2622069	0.348	0.587	1.57E-10	31	RPL26	Immune/Neutrophils
3.9382E-12	-0.2522496	0.393	0.602	7.96E-08	31	RPS15A	Immune/Neutrophils
1.903E-27	-0.3732331	0.253	0.568	3.85E-23	31	TPT1	Immune/Neutrophils
7.2793E-22	-0.601429	0.093	0.331	1.47E-17	31	HLA-DRA	Immune/Neutrophils
5.0518E-07	-0.2060985	0.618	0.694	0.010209	31	NEAT1	Immune/Neutrophils
1.1917E-05	-0.2166814	0.823	0.793	0.240817	31	TMSB10	Immune/Neutrophils
1.466E-11	-0.2259592	1	0.997	2.96E-07	31	MALAT1	Immune/Neutrophils
1.7763E-08	-0.2266681	0.803	0.803	0.000359	31	RPS19	Immune/Neutrophils
4.0539E-10	-0.2440681	0.756	0.785	8.19E-06	31	RPL10	Immune/Neutrophils
3.9143E-13	-0.3667055	0.368	0.569	7.91E-09	31	FTH1	Immune/Neutrophils

4.7209E-13	-0.2600926	0.789	0.821	9.54E-09	31	RPL13	Immune/Neutrophils
1.6699E-12	-0.3267848	0.525	0.658	3.37E-08	31	ACTB	Immune/Neutrophils
4.8879E-14	-0.2761492	0.969	0.947	9.88E-10	31	RPL34	Immune/Neutrophils
7.1731E-18	-0.3070734	0.893	0.907	1.45E-13	31	RPL21	Immune/Neutrophils
5.6619E-18	-0.511501	0.419	0.584	1.14E-13	31	FOS	Immune/Neutrophils
4.4952E-31	-0.4451104	0.826	0.872	9.08E-27	31	RPL39	Immune/Neutrophils
3.1402E-09	-1.5456974	0.051	0.168	6.35E-05	31	IGKC	Immune/Neutrophils
6.9284E-29	-0.5192281	0.907	0.886	1.4E-24	31	TMSB4X	Immune/Neutrophils
1.3344E-06	-0.7036872	0.736	0.702	0.026965	31	FTL	Immune/Neutrophils
4.2772E-66	-0.7755944	0.938	0.955	8.64E-62	31	B2M	Immune/Neutrophils
0	0.99104881	1	0.031	0	32	SPINK1	Proximal Tubule-S1
0	0.74335403	0.644	0.035	0	32	SLC5A12	Proximal Tubule-S1
0	0.58346404	0.465	0.029	0	32	MTRNR2L1	Proximal Tubule-S1
8.3669E-44	0.42391194	0.476	0.168	1.69E-39	32	WFDC2	Proximal Tubule-S1
2.1322E-41	0.45071172	0.444	0.167	4.31E-37	32	MTRNR2L12	Proximal Tubule-S1
1.9193E-78	0.71309186	0.993	0.792	3.88E-74	32	MT-ND4L	Proximal Tubule-S1
2.6108E-76	0.63310715	0.996	0.886	5.28E-72	32	MT-ND5	Proximal Tubule-S1
4.2462E-20	0.34273255	0.382	0.194	8.58E-16	32	MT-ATP8	Proximal Tubule-S1
1.454E-77	0.61729583	1	0.952	2.94E-73	32	MT-ND1	Proximal Tubule-S1
5.8528E-23	0.27272572	0.389	0.169	1.18E-18	32	DEFB1	Proximal Tubule-S1
9.1274E-22	0.21320839	0.251	0.087	1.84E-17	32	S100A2	Proximal Tubule-S1
2.4974E-21	0.24991566	0.407	0.187	5.05E-17	32	CLU	Proximal Tubule-S1
3.3021E-10	0.25105485	0.335	0.208	6.67E-06	32	HSPB1	Proximal Tubule-S1
4.7518E-10	0.3020064	0.473	0.378	9.6E-06	32	ATP5I	Proximal Tubule-S1
5.5878E-45	0.37073766	1	0.99	1.13E-40	32	MT-CYB	Proximal Tubule-S1
2.946E-33	0.25065158	1	1	5.95E-29	32	MT-CO2	Proximal Tubule-S1
9.2435E-27	0.22852674	1	1	1.87E-22	32	MT-ND4	Proximal Tubule-S1
7.9908E-20	0.21684643	1	0.996	1.61E-15	32	MT-ATP6	Proximal Tubule-S1
4.3853E-30	0.21664698	1	1	8.86E-26	32	MT-CO3	Proximal Tubule-S1
1.2113E-08	-0.2074531	0	0.106	0.000245	32	C1QB	Proximal Tubule-S1
7.2685E-12	-0.2319122	0.004	0.153	1.47E-07	32	RGS1	Proximal Tubule-S1
1.9456E-08	-0.2191558	0.004	0.11	0.000393	32	CCL3	Proximal Tubule-S1
7.8121E-12	-0.3457879	0.004	0.153	1.58E-07	32	LYZ	Proximal Tubule-S1
5.6316E-12	-0.2115356	0.007	0.16	1.14E-07	32	CD52	Proximal Tubule-S1
1.1323E-24	-0.4015377	0.007	0.294	2.29E-20	32	SRGN	Proximal Tubule-S1
5.0121E-11	-0.2121015	0.007	0.149	1.01E-06	32	FCER1G	Proximal Tubule-S1
1.821E-09	-0.2436684	0.007	0.13	3.68E-05	32	CXCL2	Proximal Tubule-S1
2.1416E-16	-0.2827525	0.011	0.217	4.33E-12	32	CXCR4	Proximal Tubule-S1
3.1033E-11	-0.2498536	0.011	0.158	6.27E-07	32	CCL5	Proximal Tubule-S1
7.3062E-16	-0.2640834	0.018	0.223	1.48E-11	32	NFKBIA	Proximal Tubule-S1
4.824E-13	-0.2684437	0.015	0.185	9.75E-09	32	TYROBP	Proximal Tubule-S1
3.766E-07	-0.2160994	0.011	0.104	0.00761	32	CTGF	Proximal Tubule-S1
3.9094E-16	-0.2239446	0.029	0.244	7.9E-12	32	SEC61G	Proximal Tubule-S1
1.7487E-18	-0.3035798	0.025	0.264	3.53E-14	32	ZFP36	Proximal Tubule-S1
3.3647E-08	-0.2399496	0.015	0.124	0.00068	32	C1QA	Proximal Tubule-S1
3.6359E-15	-0.2195633	0.036	0.245	7.35E-11	32	POMP	Proximal Tubule-S1
4.2102E-17	-0.2697709	0.04	0.275	8.51E-13	32	BTG1	Proximal Tubule-S1
8.8938E-12	-0.2616014	0.029	0.193	1.8E-07	32	AIF1	Proximal Tubule-S1

9.2865E-13	-0.2398608	0.044	0.231	1.88E-08	32	S100A4	Proximal Tubule-S1
1.1547E-12	-0.2004795	0.058	0.254	2.33E-08	32	ZFP36L1	Proximal Tubule-S1
8.6348E-16	-0.2189347	0.062	0.296	1.74E-11	32	DDX5	Proximal Tubule-S1
1.7344E-12	-0.2145984	0.055	0.24	3.5E-08	32	SH3BGRL3	Proximal Tubule-S1
1.9009E-18	-0.3051605	0.051	0.304	3.84E-14	32	KLF6	Proximal Tubule-S1
2.3244E-13	-0.2407438	0.062	0.264	4.7E-09	32	FOSB	Proximal Tubule-S1
3.8467E-07	-0.2505207	0.033	0.141	0.007773	32	TIMP1	Proximal Tubule-S1
1.0427E-14	-0.2516658	0.069	0.291	2.11E-10	32	CYBA	Proximal Tubule-S1
2.9588E-11	-0.210274	0.073	0.256	5.98E-07	32	VIM	Proximal Tubule-S1
2.957E-16	-0.2344897	0.102	0.36	5.98E-12	32	HLA-B	Proximal Tubule-S1
5.2801E-12	-0.2142694	0.091	0.293	1.07E-07	32	TXNIP	Proximal Tubule-S1
1.2229E-27	-0.4823895	0.055	0.39	2.47E-23	32	DUSP1	Proximal Tubule-S1
3.9346E-29	-0.4079194	0.076	0.434	7.95E-25	32	H3F3B	Proximal Tubule-S1
6.6607E-16	-0.2327866	0.12	0.39	1.35E-11	32	EIF1	Proximal Tubule-S1
6.7652E-16	-0.2434488	0.116	0.381	1.37E-11	32	H3F3A	Proximal Tubule-S1
7.2731E-11	-0.2403824	0.095	0.28	1.47E-06	32	EGR1	Proximal Tubule-S1
2.4695E-14	-0.2199395	0.171	0.441	4.99E-10	32	RPL9	Proximal Tubule-S1
3.812E-13	-0.2272552	0.171	0.426	7.7E-09	32	RPS3	Proximal Tubule-S1
1.7828E-10	-0.2212368	0.164	0.374	3.6E-06	32	PABPC1	Proximal Tubule-S1
1.878E-13	-0.2243244	0.222	0.503	3.8E-09	32	RPL27A	Proximal Tubule-S1
4.2751E-14	-0.2395447	0.2	0.47	8.64E-10	32	RPS13	Proximal Tubule-S1
1.1246E-11	-0.2046559	0.262	0.525	2.27E-07	32	RPS24	Proximal Tubule-S1
3.0709E-12	-0.2231183	0.233	0.495	6.21E-08	32	RPS26	Proximal Tubule-S1
7.0176E-13	-0.232198	0.229	0.496	1.42E-08	32	RPL7	Proximal Tubule-S1
8.0717E-22	-0.6668676	0.055	0.33	1.63E-17	32	HLA-DRA	Proximal Tubule-S1
4.5532E-06	-0.2281632	0.145	0.28	0.09201	32	LGALS1	Proximal Tubule-S1
2.235E-05	-0.263681	0.087	0.189	0.451658	32	MT1X	Proximal Tubule-S1
4.1183E-15	-0.2889514	0.207	0.48	8.32E-11	32	RPS2	Proximal Tubule-S1
4.4686E-09	-0.2133014	0.356	0.593	9.03E-05	32	RPLP2	Proximal Tubule-S1
2.2103E-19	-0.3300645	0.207	0.532	4.47E-15	32	RPS3A	Proximal Tubule-S1
4.8626E-10	-0.2248397	0.349	0.595	9.83E-06	32	RPL28	Proximal Tubule-S1
2.0962E-28	-0.4252686	0.182	0.568	4.24E-24	32	TPT1	Proximal Tubule-S1
9.529E-17	-0.313845	0.255	0.558	1.93E-12	32	RPL18A	Proximal Tubule-S1
3.095E-11	-0.2514229	0.349	0.611	6.25E-07	32	RPS12	Proximal Tubule-S1
8.4055E-12	-0.3465579	0.153	0.36	1.7E-07	32	CD74	Proximal Tubule-S1
8.5462E-22	-0.3806234	0.247	0.587	1.73E-17	32	RPL26	Proximal Tubule-S1
2.2784E-08	-0.221449	0.545	0.694	0.00046	32	RPS8	Proximal Tubule-S1
7.2502E-17	-0.345102	0.305	0.602	1.47E-12	32	RPS15A	Proximal Tubule-S1
4.4861E-07	-0.2008901	0.716	0.795	0.009065	32	RPL13A	Proximal Tubule-S1
0.00151222	-0.2767572	0.255	0.358	1	32	MT2A	Proximal Tubule-S1
2.1668E-07	-0.2247041	0.749	0.804	0.004379	32	RPS19	Proximal Tubule-S1
2.1012E-11	-0.261311	0.633	0.772	4.25E-07	32	RPS27A	Proximal Tubule-S1
9.6521E-06	-0.2211669	0.807	0.813	0.19505	32	RPS18	Proximal Tubule-S1
6.9255E-10	-0.2535063	0.753	0.821	1.4E-05	32	RPL13	Proximal Tubule-S1
3.5956E-06	-0.267728	0.615	0.694	0.07266	32	NEAT1	Proximal Tubule-S1
7.2747E-14	-0.4230537	0.324	0.569	1.47E-09	32	FTH1	Proximal Tubule-S1
2.0424E-12	-0.2847828	0.687	0.785	4.13E-08	32	RPL10	Proximal Tubule-S1
9.162E-06	-0.2528443	0.815	0.793	0.185146	32	TMSB10	Proximal Tubule-S1

2.3027E-14	-0.2768578	0.807	0.847	4.65E-10	32	PTMA	Proximal Tubule-S1
1.2864E-16	-0.4194693	0.444	0.658	2.6E-12	32	ACTB	Proximal Tubule-S1
1.2704E-20	-0.3723104	0.862	0.907	2.57E-16	32	RPL21	Proximal Tubule-S1
2.2717E-24	-0.652955	0.324	0.585	4.59E-20	32	FOS	Proximal Tubule-S1
8.1883E-20	-0.3718613	0.942	0.947	1.65E-15	32	RPL34	Proximal Tubule-S1
5.033E-24	-0.4332684	1	0.997	1.02E-19	32	MALAT1	Proximal Tubule-S1
3.0184E-07	-1.536099	0.051	0.168	0.006099	32	IGKC	Proximal Tubule-S1
1.7728E-38	-0.5650201	0.782	0.872	3.58E-34	32	RPL39	Proximal Tubule-S1
4.8004E-32	-0.6416068	0.876	0.886	9.7E-28	32	TMSB4X	Proximal Tubule-S1
1.9665E-06	-0.7304367	0.695	0.703	0.03974	32	FTL	Proximal Tubule-S1
3.1676E-74	-1.0582739	0.913	0.955	6.4E-70	32	B2M	Proximal Tubule-S1
0	1.30787119	0.337	0.003	0	33	IGLL5	B cells
0	3.86002672	0.948	0.072	0	33	IGHG3	B cells
0	0.70612829	0.54	0.029	0	33	MZB1	B cells
1.9799E-88	1.90603369	0.357	0.06	4E-84	33	IGLC3	B cells
1.5263E-73	2.14042058	0.385	0.081	3.08E-69	33	IGLC2	B cells
1.8061E-90	0.46055183	0.103	0.005	3.65E-86	33	IGLV3-25	B cells
1.6846E-71	1.9648096	0.381	0.082	3.4E-67	33	IGHG1	B cells
1.02E-253	0.68718372	0.44	0.035	2.1E-249	33	JCHAIN	B cells
5.1696E-94	2.31741249	0.599	0.165	1.04E-89	33	IGKC	B cells
4.152E-122	0.33188113	0.123	0.006	8.4E-118	33	IGLV6-57	B cells
1.136E-196	0.71607996	0.567	0.075	2.3E-192	33	XBP1	B cells
1.458E-172	1.12186364	0.734	0.155	2.9E-168	33	SSR4	B cells
9.4246E-97	0.33090702	0.159	0.012	1.9E-92	33	IGLV3-1	B cells
5.429E-180	0.2064919	0.19	0.009	1.1E-175	33	DERL3	B cells
6.0263E-59	0.58907049	0.202	0.029	1.22E-54	33	IGHGP	B cells
2.8832E-61	0.4356843	0.159	0.018	5.83E-57	33	IGHG2	B cells
1.169E-162	0.34432592	0.333	0.031	2.4E-158	33	FKBP11	B cells
6.387E-54	0.28368874	0.123	0.012	1.29E-49	33	IGHM	B cells
9.869E-101	0.23891553	0.242	0.026	1.99E-96	33	PIM2	B cells
1.2157E-53	0.2120294	0.242	0.043	2.46E-49	33	ANKRD28	B cells
8.9209E-47	0.20429173	0.298	0.068	1.8E-42	33	SPCS3	B cells
6.6728E-40	0.23164155	0.361	0.104	1.35E-35	33	FKBP2	B cells
4.9428E-32	0.38116613	0.607	0.288	9.99E-28	33	CYBA	B cells
2.8559E-32	0.27167597	0.381	0.134	5.77E-28	33	SPCS2	B cells
6.8542E-29	0.28637105	0.488	0.21	1.39E-24	33	SUB1	B cells
6.5981E-23	0.21471179	0.25	0.081	1.33E-18	33	PRDM1	B cells
8.0067E-23	0.22176591	0.325	0.123	1.62E-18	33	BTG2	B cells
4.2823E-21	0.20959884	0.298	0.112	8.65E-17	33	HERPUD1	B cells
4.0198E-20	0.21261768	0.365	0.151	8.12E-16	33	RGS1	B cells
1.254E-18	0.23595422	0.48	0.242	2.53E-14	33	SEC61G	B cells
1.0676E-13	0.28875788	0.516	0.322	2.16E-09	33	JUN	B cells
2.7365E-13	0.20917287	0.333	0.164	5.53E-09	33	HSP90B1	B cells
5.92E-17	0.30179696	0.984	0.997	1.2E-12	33	MALAT1	B cells
2.9769E-05	0.22909228	0.548	0.464	0.601579	33	HSP90AA1	B cells
1.8351E-06	0.20434214	0.766	0.693	0.037083	33	NEAT1	B cells
1.2097E-08	0.21075073	0.857	0.803	0.000244	33	RPLP1	B cells
1.6601E-07	-0.2657927	0.048	0.171	0.003355	33	DEFB1	B cells

8.2654E-09	-0.2963847	0.048	0.189	0.000167	33	CLU	B cells
2.9467E-07	-0.2755971	0.052	0.171	0.005955	33	WFDC2	B cells
1.1935E-07	-0.2414646	0.079	0.211	0.002412	33	FXYD2	B cells
1.5222E-08	-0.250248	0.099	0.246	0.000308	33	IGFBP7	B cells
1.7599E-07	-0.262176	0.087	0.222	0.003556	33	ADIRF	B cells
7.673E-09	-0.2464711	0.119	0.278	0.000155	33	CST3	B cells
5.3156E-07	-0.2812544	0.103	0.231	0.010742	33	ATP1B1	B cells
5.5649E-08	-0.2208717	0.21	0.361	0.001125	33	CALM2	B cells
8.9378E-12	-0.459027	0.083	0.267	1.81E-07	33	SPP1	B cells
2.5624E-08	-0.2334172	0.381	0.525	0.000518	33	RPS24	B cells
1.7116E-06	-0.2744015	0.222	0.358	0.034587	33	MT2A	B cells
7.0562E-12	-0.3224226	0.226	0.413	1.43E-07	33	ITM2B	B cells
6.6758E-08	-0.2236963	0.456	0.576	0.001349	33	ATP5E	B cells
0.0004022	-0.2365687	0.274	0.359	1	33	CD74	B cells
2.7528E-09	-0.2715348	0.397	0.568	5.56E-05	33	FTH1	B cells
2.3901E-18	-0.4843805	0.194	0.456	4.83E-14	33	S100A6	B cells
9.8552E-13	-0.2542465	0.694	0.847	1.99E-08	33	PTMA	B cells
9.2644E-12	-0.2194611	0.992	0.996	1.87E-07	33	MT-ND2	B cells
6.8629E-15	-0.3502719	0.425	0.658	1.39E-10	33	ACTB	B cells
1.483E-16	-0.2460083	0.996	1	3E-12	33	MT-ND4	B cells
1.0023E-11	-0.2594037	0.972	0.99	2.03E-07	33	MT-CYB	B cells
7.8481E-19	-0.2560444	1	1	1.59E-14	33	MT-CO1	B cells
3.351E-08	-0.4664629	0.183	0.33	0.000677	33	HLA-DRA	B cells
5.0685E-14	-0.2691512	0.972	0.996	1.02E-09	33	MT-ATP6	B cells
3.2295E-26	-0.4146685	0.472	0.739	6.53E-22	33	EEF1A1	B cells
2.1406E-20	-0.2706362	1	1	4.33E-16	33	MT-CO2	B cells
0.00947409	-0.3843367	0.155	0.217	1	33	MT1G	B cells
1.2472E-18	-0.2782112	1	1	2.52E-14	33	MT-CO3	B cells
2.782E-23	-0.4496942	0.532	0.795	5.62E-19	33	TMSB10	B cells
4.7034E-17	-0.4381796	0.742	0.887	9.5E-13	33	TMSB4X	B cells
2.1354E-15	-0.4016842	0.81	0.887	4.32E-11	33	MT-ND5	B cells
1.5955E-17	-0.4110309	0.877	0.952	3.22E-13	33	MT-ND1	B cells
7.4479E-14	-0.4530971	0.702	0.793	1.51E-09	33	MT-ND4L	B cells
0	0.71095139	0.662	0.005	0	34	TOP2A	T cells
0	0.41556375	0.366	0.003	0	34	CENPF	T cells
0	0.35578885	0.319	0.003	0	34	UBE2C	T cells
0	0.24281345	0.244	0.002	0	34	ASPM	T cells
0	0.42752626	0.418	0.009	0	34	KIAA0101	T cells
0	0.2607912	0.258	0.005	0	34	NUSAP1	T cells
0	0.86372672	0.685	0.06	0	34	HMGB2	T cells
2.439E-241	0.68294714	0.606	0.062	4.9E-237	34	STMN1	T cells
8.268E-183	0.20699761	0.221	0.011	1.7E-178	34	PTTG1	T cells
3.648E-150	0.23277809	0.235	0.014	7.4E-146	34	CKS1B	T cells
2.125E-132	0.81152261	0.704	0.152	4.3E-128	34	HMGN2	T cells
2.5502E-98	0.77966924	0.559	0.118	5.15E-94	34	HIST1H4C	T cells
5.177E-140	0.23946745	0.258	0.019	1E-135	34	SMC4	T cells
6.704E-105	0.29102812	0.315	0.035	1.4E-100	34	CKS2	T cells
2.696E-101	0.55004033	0.592	0.125	5.45E-97	34	H2AFZ	T cells

1.0207E-90	0.41118889	0.446	0.078	2.06E-86	34	TUBB	Tcells
4.6788E-92	0.22061763	0.249	0.025	9.46E-88	34	TMPO	Tcells
3.9957E-74	0.4327041	0.46	0.097	8.07E-70	34	TUBA1B	Tcells
5.7575E-77	0.252658	0.268	0.034	1.16E-72	34	DUSP4	Tcells
5.0025E-74	0.77965848	0.765	0.314	1.01E-69	34	HMGB1	Tcells
5.1245E-66	0.23963697	0.277	0.041	1.04E-61	34	ANP32E	Tcells
1.6863E-60	0.57823192	0.732	0.29	3.41E-56	34	PFN1	Tcells
4.927E-58	0.24008299	0.319	0.059	9.96E-54	34	ANP32B	Tcells
1.5414E-45	0.26507911	0.305	0.065	3.11E-41	34	ITM2A	Tcells
9.6991E-39	0.34270214	0.441	0.137	1.96E-34	34	CRIP1	Tcells
1.7618E-42	0.26053795	0.333	0.079	3.56E-38	34	CD3D	Tcells
4.4859E-31	0.34698264	0.371	0.121	9.07E-27	34	ARL6IP1	Tcells
6.4194E-42	0.20411884	0.258	0.051	1.3E-37	34	RAD21	Tcells
3.1978E-29	0.36537717	0.432	0.156	6.46E-25	34	CCL5	Tcells
3.5282E-25	0.36613287	0.404	0.151	7.13E-21	34	RGS1	Tcells
3.4282E-35	0.23144102	0.277	0.066	6.93E-31	34	NKG7	Tcells
4.7015E-46	0.69260833	0.897	0.656	9.5E-42	34	ACTB	Tcells
1.4572E-34	0.21105439	0.263	0.061	2.94E-30	34	CORO1A	Tcells
9.0119E-27	0.31971794	0.423	0.158	1.82E-22	34	CD52	Tcells
1.8809E-33	0.24837152	0.352	0.103	3.8E-29	34	LSM5	Tcells
1.9678E-31	0.20964041	0.272	0.069	3.98E-27	34	CD2	Tcells
6.9967E-51	0.64574614	0.977	0.846	1.41E-46	34	PTMA	Tcells
2.0551E-23	0.33139417	0.465	0.21	4.15E-19	34	SUB1	Tcells
3.7456E-23	0.29578514	0.437	0.179	7.57E-19	34	IL32	Tcells
1.469E-25	0.30507645	0.498	0.214	2.97E-21	34	CFL1	Tcells
7.3882E-25	0.22402835	0.329	0.109	1.49E-20	34	IFI16	Tcells
1.4275E-22	0.25050909	0.394	0.155	2.88E-18	34	NUCKS1	Tcells
1.0666E-32	0.56606414	0.972	0.886	2.16E-28	34	TMSB4X	Tcells
4.0649E-22	0.29538359	0.549	0.272	8.21E-18	34	PPIA	Tcells
1.4856E-15	0.22878028	0.282	0.11	3E-11	34	CCL4	Tcells
5.4005E-20	0.2287887	0.343	0.134	1.09E-15	34	PTPRC	Tcells
6.098E-20	0.25672625	0.474	0.215	1.23E-15	34	CXCR4	Tcells
3.605E-20	0.22717018	0.371	0.149	7.29E-16	34	SRSF3	Tcells
6.3341E-20	0.2115555	0.343	0.132	1.28E-15	34	SNRPG	Tcells
5.8608E-14	0.23540675	0.305	0.131	1.18E-09	34	CD69	Tcells
1.3962E-16	0.25688078	0.474	0.238	2.82E-12	34	SH3BGRL3	Tcells
2.2369E-18	0.23689378	0.446	0.207	4.52E-14	34	HNRNPA2B1	Tcells
8.5814E-16	0.24694193	0.479	0.245	1.73E-11	34	GAPDH	Tcells
1.7226E-15	0.21256719	0.362	0.164	3.48E-11	34	NPM1	Tcells
1.4826E-16	0.2132589	0.399	0.183	3E-12	34	HNRNPA1	Tcells
2.49E-15	0.29239103	0.737	0.493	5.03E-11	34	RPS26	Tcells
2.5264E-11	0.26626592	0.559	0.359	5.11E-07	34	CALM2	Tcells
2.9874E-17	0.36134321	0.906	0.802	6.04E-13	34	RPLP1	Tcells
1.9887E-15	0.29776038	0.793	0.593	4.02E-11	34	RPL28	Tcells
1.748E-09	0.2397152	0.46	0.282	3.53E-05	34	HNRNPH1	Tcells
4.692E-09	0.28215366	0.653	0.478	9.48E-05	34	RPS2	Tcells
1.2109E-08	0.21787191	0.399	0.241	0.000245	34	MYL12A	Tcells
1.9051E-17	0.33585505	0.991	0.955	3.85E-13	34	B2M	Tcells

2.6065E-09	0.21350806	0.469	0.294	5.27E-05	34	ACTG1	Tcells
0.0030583	0.22214067	0.357	0.279	1	34	LGALS1	Tcells
4.9789E-08	0.20046978	0.864	0.784	0.001006	34	RPS15	Tcells
4.5067E-06	-0.2118551	0.023	0.129	0.091071	34	CXCL2	Tcells
0.00017489	-0.2545993	0.028	0.107	1	34	IGFBP5	Tcells
5.3518E-07	-0.2749939	0.042	0.171	0.010815	34	WFDC2	Tcells
8.741E-07	-0.2250919	0.056	0.185	0.017664	34	TYROBP	Tcells
1.5838E-07	-0.2196935	0.066	0.211	0.003201	34	PSAP	Tcells
5.9087E-09	-0.2384861	0.07	0.238	0.000119	34	IFITM3	Tcells
1.102E-06	-0.2776389	0.047	0.171	0.022269	34	DEFB1	Tcells
2.1566E-07	-0.2168634	0.089	0.246	0.004358	34	IGFBP7	Tcells
2.1225E-06	-0.2693739	0.061	0.189	0.042892	34	CLU	Tcells
5.445E-07	-0.2526667	0.075	0.211	0.011003	34	FXYD2	Tcells
6.3544E-09	-0.2626031	0.103	0.277	0.000128	34	CST3	Tcells
4.4051E-09	-0.2838097	0.103	0.279	8.9E-05	34	EGR1	Tcells
4.7436E-09	-0.3819103	0.061	0.222	9.59E-05	34	ADIRF	Tcells
0.00260066	-0.221256	0.07	0.14	1	34	TIMP1	Tcells
5.6127E-16	-0.3523825	0.131	0.413	1.13E-11	34	ITM2B	Tcells
4.7454E-07	-0.3076525	0.089	0.231	0.00959	34	ATP1B1	Tcells
1.524E-10	-0.5228529	0.075	0.267	3.08E-06	34	SPP1	Tcells
2.2815E-06	-0.2941951	0.277	0.417	0.046104	34	SAT1	Tcells
0.0013211	-0.2158576	0.77	0.793	1	34	MT-ND4L	Tcells
6.1703E-08	-0.2726657	0.554	0.694	0.001247	34	NEAT1	Tcells
1.0148E-06	-0.3340978	0.315	0.456	0.020507	34	S100A6	Tcells
1.4976E-06	-0.253109	1	0.997	0.030264	34	MALAT1	Tcells
1.5754E-11	-0.4662838	0.394	0.584	3.18E-07	34	FOS	Tcells
8.2578E-14	-0.5063833	0.362	0.568	1.67E-09	34	FTH1	Tcells
7.7093E-15	-0.7464859	0.493	0.704	1.56E-10	34	FTL	Tcells
0	1.22770642	0.434	0.001	0	35	CCL21	Mixed marker
0	0.6237389	0.372	0.003	0	35	TFF3	Mixed marker
0	0.65103017	0.25	0.006	0	35	IL1RL1	Mixed marker
0	0.63822306	0.372	0.009	0	35	FABP4	Mixed marker
1.7171E-62	0.27901245	0.255	0.035	3.47E-58	35	TFPI	Mixed marker
9.9075E-39	0.47719317	0.383	0.106	2E-34	35	CALD1	Mixed marker
1.9393E-20	0.30822095	0.291	0.096	3.92E-16	35	MGP	Mixed marker
4.5021E-19	0.24649429	0.306	0.106	9.1E-15	35	IGFBP5	Mixed marker
2.772E-18	0.33009688	0.505	0.244	5.6E-14	35	IGFBP7	Mixed marker
8.4461E-20	0.28828435	0.5	0.221	1.71E-15	35	ADIRF	Mixed marker
4.2895E-20	0.20542961	0.286	0.093	8.67E-16	35	TIMP3	Mixed marker
2.2518E-12	0.32657943	0.49	0.278	4.55E-08	35	LGALS1	Mixed marker
9.3886E-16	0.25939888	0.48	0.237	1.9E-11	35	IFITM3	Mixed marker
2.3355E-07	0.22472501	0.408	0.26	0.004719	35	POLR2L	Mixed marker
3.7552E-06	-0.3124754	0.036	0.152	0.075886	35	LYZ	Mixed marker
2.77E-05	-0.2043375	0.077	0.193	0.559761	35	AIF1	Mixed marker
5.1295E-05	-0.2004761	0.077	0.185	1	35	TYROBP	Mixed marker
0.00015552	-0.2391138	0.071	0.171	1	35	DEFB1	Mixed marker
0.00036196	-0.2117762	0.122	0.231	1	35	ATP1B1	Mixed marker
0.00078256	-0.2035996	0.281	0.388	1	35	DUSP1	Mixed marker

0.00972307	-0.21426	0.286	0.359	1	35	CD74	Mixed marker
7.3682E-09	-0.3436698	0.224	0.417	0.000149	35	SAT1	Mixed marker
2.7286E-05	-0.3992276	0.138	0.267	0.551386	35	SPP1	Mixed marker
8.7558E-07	-0.2285904	0.878	0.947	0.017694	35	RPS27	Mixed marker
8.408E-06	-0.4572136	0.199	0.329	0.169909	35	HLA-DRA	Mixed marker
0.00010336	-0.5830862	0.638	0.703	1	35	FTL	Mixed marker
0	4.182747	1	0.024	0	36	IGHG4	B cells
1.316E-212	3.9088565	0.662	0.059	2.7E-208	36	IGLC3	B cells
0	1.09335332	0.41	0.013	0	36	IGLV3-21	B cells
3.845E-300	0.26115503	0.165	0.002	7.8E-296	36	IGHV1-69-2	B cells
1.2187E-55	2.49478511	0.612	0.166	2.46E-51	36	IGKC	B cells
1.681E-181	0.4937847	0.453	0.03	3.4E-177	36	MZB1	B cells
1.034E-103	0.99596127	0.763	0.156	2.1E-99	36	SSR4	B cells
1.3903E-49	0.51644614	0.273	0.036	2.81E-45	36	JCHAIN	B cells
1.1988E-48	0.46247502	0.403	0.077	2.42E-44	36	XBP1	B cells
5.4781E-54	0.23817619	0.237	0.026	1.11E-49	36	PIM2	B cells
1.5143E-48	0.21291282	0.23	0.027	3.06E-44	36	PRDX4	B cells
9.4622E-40	0.20592168	0.23	0.032	1.91E-35	36	FKBP11	B cells
3.8637E-20	0.203852	0.201	0.043	7.81E-16	36	ANKRD28	B cells
6.661E-17	0.20044206	0.324	0.105	1.35E-12	36	FKBP2	B cells
8.6444E-05	0.20614975	0.417	0.28	1	36	HSPA1B	B cells
2.1181E-05	0.20496231	0.482	0.323	0.428019	36	JUN	B cells
3.8119E-05	-0.2053	0.029	0.156	0.770314	36	HES1	B cells
0.00114444	-0.2239196	0.022	0.107	1	36	IGFBP5	B cells
6.648E-06	-0.238354	0.079	0.245	0.134343	36	IGFBP7	B cells
4.1276E-06	-0.2962046	0.058	0.222	0.083411	36	ADIRF	B cells
2.7853E-08	-0.2607857	0.108	0.329	0.000563	36	SRP14	B cells
9.5296E-05	-0.2038402	0.101	0.238	1	36	IFITM3	B cells
6.2177E-05	-0.2062653	0.122	0.277	1	36	CST3	B cells
6.5912E-06	-0.209679	0.137	0.311	0.133195	36	MYL6	B cells
0.00169868	-0.223194	0.072	0.17	1	36	WFDC2	B cells
0.0002899	-0.2733236	0.072	0.189	1	36	CLU	B cells
0.00010998	-0.2817321	0.094	0.23	1	36	ATP1B1	B cells
2.24E-06	-0.2509655	0.18	0.361	0.045265	36	CALM2	B cells
5.5798E-05	-0.2289185	0.23	0.379	1	36	ATP5I	B cells
1.2313E-05	-0.2598731	0.245	0.413	0.248828	36	ITM2B	B cells
5.4172E-05	-0.2116866	0.612	0.772	1	36	RPS27A	B cells
2.8967E-05	-0.3979774	0.115	0.267	0.585374	36	SPP1	B cells
0.00040655	-0.270847	0.23	0.359	1	36	CD74	B cells
0.00088518	-0.210739	0.468	0.563	1	36	RPS25	B cells
3.2193E-06	-0.2517014	0.439	0.61	0.065055	36	RPS12	B cells
8.795E-05	-0.2278434	0.46	0.576	1	36	RPS23	B cells
1.2235E-05	-0.2467864	0.41	0.556	0.247249	36	RPL37A	B cells
3.7282E-06	-0.3279647	0.237	0.417	0.075339	36	SAT1	B cells
8.9069E-06	-0.3571069	0.187	0.358	0.17999	36	MT2A	B cells
2.2433E-06	-0.2596401	0.417	0.576	0.045332	36	ATP5E	B cells
3.2541E-05	-0.3982288	0.173	0.329	0.657596	36	HLA-DRA	B cells
6.0177E-06	-0.2496881	0.719	0.847	0.121606	36	PTMA	B cells

1.2894E-12	-0.3469863	0.475	0.738	2.61E-08	36	EEF1A1	B cells
7.6932E-12	-0.4212644	0.353	0.658	1.55E-07	36	ACTB	B cells
5.549E-07	-0.3819698	0.273	0.456	0.011213	36	S100A6	B cells
5.0707E-08	-0.2404373	1	0.998	0.001025	36	MT-ND3	B cells
3.6892E-11	-0.4918662	0.295	0.568	7.46E-07	36	FTH1	B cells
7.7521E-10	-0.2920251	0.993	0.996	1.57E-05	36	MT-ND2	B cells
1.2132E-15	-0.4704146	0.511	0.794	2.45E-11	36	TMSB10	B cells
8.7555E-11	-0.3115568	0.971	0.996	1.77E-06	36	MT-ATP6	B cells
5.7666E-14	-0.3340343	1	1	1.17E-09	36	MT-ND4	B cells
7.841E-16	-0.3492802	1	1	1.58E-11	36	MT-CO1	B cells
8.2458E-18	-0.3687442	1	1	1.67E-13	36	MT-CO2	B cells
1.3557E-12	-0.4905438	0.669	0.887	2.74E-08	36	TMSB4X	B cells
3.9182E-10	-0.4887224	0.64	0.793	7.92E-06	36	MT-ND4L	B cells
1.0688E-13	-0.4626595	0.813	0.952	2.16E-09	36	MT-ND1	B cells
4.1277E-19	-0.4039443	1	1	8.34E-15	36	MT-CO3	B cells
2.4094E-15	-0.4226139	0.95	0.99	4.87E-11	36	MT-CYB	B cells
5.3949E-13	-0.4685209	0.77	0.887	1.09E-08	36	MT-ND5	B cells
1.3349E-06	-0.2550811	0.201	0.083	0.026976	36	IGHG1	B cells
2.5398E-06	-0.2743504	0.187	0.076	0.051324	36	IGHG3	B cells
0	0.22860986	0.213	0	0	37	LILRA4	Immune/Plasmacytoid DCs
0	0.25747017	0.25	0	0	37	SCT	Immune/Plasmacytoid DCs
0	0.41405872	0.397	0.006	0	37	BCL11A	Immune/Plasmacytoid DCs
0	0.97458408	0.801	0.032	0	37	GZMB	Immune/Plasmacytoid DCs
0	0.86311984	0.779	0.035	0	37	JCHAIN	Immune/Plasmacytoid DCs
0	0.65189901	0.574	0.024	0	37	PLAC8	Immune/Plasmacytoid DCs
0	0.45155021	0.434	0.014	0	37	CLIC3	Immune/Plasmacytoid DCs
2.164E-303	0.20243125	0.184	0.003	4.4E-299	37	PLD4	Immune/Plasmacytoid DCs
2.37E-296	0.22367776	0.243	0.005	4.8E-292	37	SERPINF1	Immune/Plasmacytoid DCs
5.352E-243	0.38425132	0.426	0.02	1.1E-238	37	IRF8	Immune/Plasmacytoid DCs
5.363E-242	0.32412264	0.368	0.015	1.1E-237	37	IRF7	Immune/Plasmacytoid DCs
1.106E-203	0.24303795	0.257	0.008	2.2E-199	37	IRF4	Immune/Plasmacytoid DCs
1.409E-171	0.29058228	0.272	0.011	2.8E-167	37	TSPAN13	Immune/Plasmacytoid DCs
3.21E-166	0.55540144	0.588	0.054	6.5E-162	37	UGCG	Immune/Plasmacytoid DCs
9.815E-133	0.23480039	0.235	0.011	2E-128	37	RUNX2	Immune/Plasmacytoid DCs
4.34E-101	0.30484087	0.25	0.016	8.77E-97	37	PTPRS	Immune/Plasmacytoid DCs
1.783E-120	0.54314501	0.551	0.064	3.6E-116	37	ALOX5AP	Immune/Plasmacytoid DCs
1.308E-121	0.39212159	0.426	0.038	2.6E-117	37	GPR183	Immune/Plasmacytoid DCs
8.511E-103	0.60788399	0.603	0.089	1.72E-98	37	TCF4	Immune/Plasmacytoid DCs
1.6092E-50	0.52458816	0.426	0.08	3.25E-46	37	AREG	Immune/Plasmacytoid DCs
1.6774E-71	0.30522786	0.331	0.038	3.39E-67	37	CCDC50	Immune/Plasmacytoid DCs
5.398E-68	0.21423129	0.228	0.019	1.09E-63	37	SELL	Immune/Plasmacytoid DCs
4.0381E-64	0.68774848	0.765	0.215	8.16E-60	37	CXCR4	Immune/Plasmacytoid DCs
1.7795E-67	0.22659192	0.257	0.024	3.6E-63	37	DCK	Immune/Plasmacytoid DCs
1.1259E-66	0.38947083	0.485	0.081	2.28E-62	37	C12orf75	Immune/Plasmacytoid DCs
3.1196E-50	0.43874639	0.5	0.11	6.3E-46	37	SEC61B	Immune/Plasmacytoid DCs
4.7253E-49	0.28748992	0.316	0.047	9.55E-45	37	RNASE6	Immune/Plasmacytoid DCs
4.7854E-55	0.26187741	0.316	0.043	9.67E-51	37	PTPRE	Immune/Plasmacytoid DCs
7.4368E-40	0.52104827	0.544	0.151	1.5E-35	37	RGS1	Immune/Plasmacytoid DCs

1.0137E-46	0.2347733	0.265	0.035	2.05E-42	37	PRMT9	Immune/Plasmacytoid DCs
4.3186E-23	0.33635231	0.213	0.042	8.73E-19	37	PTGDS	Immune/Plasmacytoid DCs
6.0544E-19	0.55032489	0.456	0.178	1.22E-14	37	TXN	Immune/Plasmacytoid DCs
1.4544E-32	0.3662541	0.434	0.117	2.94E-28	37	SPCS1	Immune/Plasmacytoid DCs
4.5987E-33	0.32901484	0.39	0.095	9.29E-29	37	CD164	Immune/Plasmacytoid DCs
2.6196E-34	0.50627601	0.838	0.357	5.29E-30	37	CD74	Immune/Plasmacytoid DCs
7.8819E-28	0.37110534	0.574	0.202	1.59E-23	37	GPX1	Immune/Plasmacytoid DCs
6.6194E-26	0.20189741	0.235	0.046	1.34E-21	37	C9orf142	Immune/Plasmacytoid DCs
7.9856E-26	0.2461494	0.316	0.077	1.61E-21	37	YPEL5	Immune/Plasmacytoid DCs
5.3384E-22	0.20216299	0.213	0.044	1.08E-17	37	DDIT4	Immune/Plasmacytoid DCs
7.1079E-24	0.38409558	0.588	0.242	1.44E-19	37	SEC61G	Immune/Plasmacytoid DCs
9.1889E-27	0.54595945	0.868	0.529	1.86E-22	37	RPS3A	Immune/Plasmacytoid DCs
6.0204E-20	0.25529772	0.434	0.147	1.22E-15	37	FCER1G	Immune/Plasmacytoid DCs
2.3878E-27	0.54103098	0.934	0.692	4.83E-23	37	RPS8	Immune/Plasmacytoid DCs
6.1818E-16	0.3494385	0.588	0.289	1.25E-11	37	CYBA	Immune/Plasmacytoid DCs
3.0163E-16	0.24042335	0.331	0.113	6.1E-12	37	HERPUD1	Immune/Plasmacytoid DCs
1.5399E-19	0.40305736	0.794	0.468	3.11E-15	37	RPS13	Immune/Plasmacytoid DCs
5.9317E-15	0.21436017	0.279	0.089	1.2E-10	37	RGS2	Immune/Plasmacytoid DCs
5.2612E-15	0.26658452	0.478	0.21	1.06E-10	37	SUB1	Immune/Plasmacytoid DCs
4.2827E-22	0.25120953	0.787	0.328	8.65E-18	37	HLA-DRA	Immune/Plasmacytoid DCs
6.6877E-13	0.2786095	0.441	0.205	1.35E-08	37	ZFP36L2	Immune/Plasmacytoid DCs
3.7209E-15	0.30626079	0.603	0.309	7.52E-11	37	RPL23	Immune/Plasmacytoid DCs
2.742E-14	0.20034056	0.301	0.103	5.54E-10	37	MEF2C	Immune/Plasmacytoid DCs
2.5519E-15	0.32369876	0.787	0.458	5.16E-11	37	RPL19	Immune/Plasmacytoid DCs
2.7545E-13	0.28695227	0.676	0.372	5.57E-09	37	PABPC1	Immune/Plasmacytoid DCs
1.2871E-11	0.36174145	0.831	0.583	2.6E-07	37	FOS	Immune/Plasmacytoid DCs
4.887E-13	0.32820975	0.831	0.575	9.88E-09	37	RPS23	Immune/Plasmacytoid DCs
4.0538E-10	0.30458419	0.713	0.463	8.19E-06	37	HSP90AA1	Immune/Plasmacytoid DCs
6.1474E-13	0.27685775	0.728	0.449	1.24E-08	37	RPS4X	Immune/Plasmacytoid DCs
3.728E-11	0.20679912	0.449	0.207	7.53E-07	37	NPC2	Immune/Plasmacytoid DCs
4.71E-18	0.36563045	0.941	0.771	9.52E-14	37	RPS27A	Immune/Plasmacytoid DCs
2.7378E-14	0.30557254	0.875	0.6	5.53E-10	37	RPS15A	Immune/Plasmacytoid DCs
8.6361E-11	0.2211169	0.478	0.241	1.75E-06	37	MYL12A	Immune/Plasmacytoid DCs
9.789E-11	0.27765575	0.691	0.439	1.98E-06	37	RPL9	Immune/Plasmacytoid DCs
7.5817E-10	0.21470246	0.397	0.196	1.53E-05	37	COMMD6	Immune/Plasmacytoid DCs
2.4554E-21	0.39453446	0.993	0.907	4.96E-17	37	RPL21	Immune/Plasmacytoid DCs
1.2291E-22	0.40090308	1	0.946	2.48E-18	37	RPS27	Immune/Plasmacytoid DCs
6.8241E-11	0.28824304	0.801	0.547	1.38E-06	37	RPL11	Immune/Plasmacytoid DCs
5.8032E-09	0.27619952	0.654	0.431	0.000117	37	H3F3B	Immune/Plasmacytoid DCs
8.2341E-12	0.28473447	0.801	0.547	1.66E-07	37	RPL23A	Immune/Plasmacytoid DCs
2.7753E-11	0.21991247	0.596	0.319	5.61E-07	37	RPL30	Immune/Plasmacytoid DCs
2.5732E-11	0.2722694	0.853	0.584	5.2E-07	37	RPL26	Immune/Plasmacytoid DCs
7.4916E-09	0.24992297	0.699	0.446	0.000151	37	RPL6	Immune/Plasmacytoid DCs
6.7629E-17	0.35223134	0.963	0.871	1.37E-12	37	RPL39	Immune/Plasmacytoid DCs
7.9223E-10	0.26841155	0.757	0.523	1.6E-05	37	RPS24	Immune/Plasmacytoid DCs
1.6573E-08	0.21783061	0.478	0.269	0.000335	37	JUND	Immune/Plasmacytoid DCs
1.6384E-12	0.2900468	0.89	0.668	3.31E-08	37	RPS28	Immune/Plasmacytoid DCs
5.7418E-10	0.26569063	0.801	0.555	1.16E-05	37	RPL18A	Immune/Plasmacytoid DCs

1.2482E-09	0.25976294	0.728	0.501	2.52E-05	37	RPL27A	Immune/Plasmacytoid DCs
1.8993E-19	0.35860359	0.993	0.947	3.84E-15	37	RPL34	Immune/Plasmacytoid DCs
1.1244E-08	0.21984485	0.588	0.351	0.000227	37	RPL27	Immune/Plasmacytoid DCs
4.9875E-14	0.31119272	0.956	0.813	1.01E-09	37	RPS18	Immune/Plasmacytoid DCs
1.0019E-08	0.21264499	0.574	0.336	0.000202	37	RPL10A	Immune/Plasmacytoid DCs
3.9003E-06	0.22799507	0.478	0.302	0.078817	37	KLF6	Immune/Plasmacytoid DCs
1.8754E-08	0.22216975	0.61	0.379	0.000379	37	H3F3A	Immune/Plasmacytoid DCs
8.4076E-09	0.23025823	0.706	0.463	0.00017	37	RPS17	Immune/Plasmacytoid DCs
1.7588E-08	0.22121264	0.662	0.425	0.000355	37	RPL15	Immune/Plasmacytoid DCs
9.7206E-11	0.29392381	0.919	0.784	1.96E-06	37	RPL10	Immune/Plasmacytoid DCs
1.0545E-08	0.23259837	0.728	0.494	0.000213	37	RPL7	Immune/Plasmacytoid DCs
1.6461E-08	0.22670828	0.721	0.478	0.000333	37	RPS2	Immune/Plasmacytoid DCs
1.8057E-06	0.20015199	0.441	0.262	0.03649	37	FOSB	Immune/Plasmacytoid DCs
6.7495E-09	0.25335084	0.809	0.609	0.000136	37	RPS12	Immune/Plasmacytoid DCs
4.7711E-08	0.20828359	0.625	0.391	0.000964	37	RPL37	Immune/Plasmacytoid DCs
1.9895E-08	0.20981131	0.647	0.415	0.000402	37	RPS20	Immune/Plasmacytoid DCs
1.4275E-07	0.20953497	0.566	0.364	0.002885	37	RPS11	Immune/Plasmacytoid DCs
2.8495E-07	0.22871278	0.728	0.519	0.005758	37	RPL35A	Immune/Plasmacytoid DCs
6.3393E-08	0.21597773	0.809	0.565	0.001281	37	TPT1	Immune/Plasmacytoid DCs
2.2514E-07	0.22034436	0.794	0.591	0.00455	37	RPLP2	Immune/Plasmacytoid DCs
1.6148E-06	0.20836715	0.662	0.47	0.032631	37	RPL3	Immune/Plasmacytoid DCs
1.5241E-10	0.23815696	0.941	0.794	3.08E-06	37	RPL13A	Immune/Plasmacytoid DCs
1.5511E-06	0.22585133	0.787	0.63	0.031345	37	RPL35	Immune/Plasmacytoid DCs
1.052E-08	0.23316452	0.941	0.803	0.000213	37	RPS19	Immune/Plasmacytoid DCs
2.2983E-09	0.2168301	0.934	0.764	4.64E-05	37	RPL32	Immune/Plasmacytoid DCs
4.7528E-09	0.21520946	0.934	0.821	9.6E-05	37	RPL13	Immune/Plasmacytoid DCs
2.3174E-08	-0.375989	0	0.189	0.000468	37	CLU	Immune/Plasmacytoid DCs
3.4923E-10	-0.3121117	0.007	0.238	7.06E-06	37	IFITM3	Immune/Plasmacytoid DCs
0.00021098	-0.2226907	0.007	0.104	1	37	CTGF	Immune/Plasmacytoid DCs
6.1667E-06	-0.2257743	0.015	0.156	0.124618	37	HES1	Immune/Plasmacytoid DCs
5.0259E-09	-0.3368667	0.029	0.245	0.000102	37	IGFBP7	Immune/Plasmacytoid DCs
9.5719E-06	-0.3092797	0.029	0.171	0.193428	37	DEFB1	Immune/Plasmacytoid DCs
4.9075E-08	-0.3989608	0.037	0.231	0.000992	37	ATP1B1	Immune/Plasmacytoid DCs
4.0167E-06	-0.275449	0.051	0.211	0.081169	37	FXYD2	Immune/Plasmacytoid DCs
0.00284216	-0.2640491	0.029	0.107	1	37	IGFBP5	Immune/Plasmacytoid DCs
0.00101461	-0.2474021	0.051	0.152	1	37	LYZ	Immune/Plasmacytoid DCs
0.00013769	-0.2873589	0.051	0.17	1	37	WFDC2	Immune/Plasmacytoid DCs
0.00271018	-0.2423635	0.051	0.14	1	37	TIMP1	Immune/Plasmacytoid DCs
0.00050709	-0.225987	0.081	0.193	1	37	AIF1	Immune/Plasmacytoid DCs
2.431E-13	-0.657345	0.059	0.358	4.91E-09	37	MT2A	Immune/Plasmacytoid DCs
5.0726E-06	-0.378519	0.066	0.222	0.102507	37	ADIRF	Immune/Plasmacytoid DCs
3.8607E-08	-0.3399838	0.199	0.413	0.00078	37	ITM2B	Immune/Plasmacytoid DCs
0.00136323	-0.2841223	0.169	0.279	1	37	LGALS1	Immune/Plasmacytoid DCs
8.8801E-06	-0.5122372	0.11	0.267	0.179448	37	SPP1	Immune/Plasmacytoid DCs
0.00231797	-0.2855309	0.346	0.417	1	37	SAT1	Immune/Plasmacytoid DCs
8.3158E-11	-0.3944438	0.456	0.694	1.68E-06	37	NEAT1	Immune/Plasmacytoid DCs
3.5683E-06	-0.4011984	0.301	0.456	0.072107	37	S100A6	Immune/Plasmacytoid DCs
0.00091908	-0.3255904	0.801	0.793	1	37	MT-ND4L	Immune/Plasmacytoid DCs

2.3667E-20	-1.0964794	0.485	0.167	4.78E-16	37	IGKC	Immune/Plasmacytoid DCs
0	0.22100196	0.158	0	0	38	ADCYAP1	Immune/Basophils
0	0.76459748	0.436	0	0	38	CPA3	Immune/Basophils
0	0.32640233	0.297	0	0	38	MS4A2	Immune/Basophils
0	0.22098203	0.208	0	0	38	SLC18A2	Immune/Basophils
0	1.34302519	0.683	0	0	38	TPSAB1	Immune/Basophils
0	1.43179336	0.762	0	0	38	TPSB2	Immune/Basophils
0	0.22010562	0.158	0.001	0	38	HPGDS	Immune/Basophils
6.593E-237	0.42036395	0.297	0.007	1.3E-232	38	KIT	Immune/Basophils
7.2494E-17	0.25601327	0.149	0.023	1.46E-12	38	PTGS2	Immune/Basophils
1.9257E-09	0.54908298	0.238	0.08	3.89E-05	38	AREG	Immune/Basophils
6.1542E-18	0.50433267	0.406	0.131	1.24E-13	38	CD69	Immune/Basophils
2.0844E-20	0.30043706	0.287	0.065	4.21E-16	38	ALOX5AP	Immune/Basophils
1.7949E-13	0.42090406	0.406	0.152	3.63E-09	38	RGS1	Immune/Basophils
3.2273E-17	0.22905845	0.248	0.056	6.52E-13	38	SAMSN1	Immune/Basophils
1.3758E-07	0.32558699	0.366	0.186	0.00278	38	LAPTM4A	Immune/Basophils
1.2669E-09	0.21296774	0.307	0.117	2.56E-05	38	ANXA1	Immune/Basophils
2.018E-07	0.21761763	0.327	0.146	0.004078	38	CD9	Immune/Basophils
2.7102E-05	0.2931063	0.455	0.292	0.547668	38	SRGN	Immune/Basophils
0.00048985	0.21902978	0.564	0.432	1	38	H3F3B	Immune/Basophils
6.6622E-05	0.26254676	0.911	0.846	1	38	PTMA	Immune/Basophils
4.6654E-06	0.25591531	0.921	0.871	0.094278	38	RPL39	Immune/Basophils
2.5424E-05	0.25148918	1	0.997	0.513763	38	MALAT1	Immune/Basophils
0.00021504	-0.2515668	0.089	0.245	1	38	IGFBP7	Immune/Basophils
0.00582921	-0.230097	0.069	0.17	1	38	WFDC2	Immune/Basophils

Cell-type established markers used for the study

Cell type	Marker gene	Reference
Podocyte	PODXL	Kershaw et al, 1997, J of Biol Chem
	NPHS2	Roselli et al, 2002, Am J of Pathol
Glomerular mesangial cells	*TAGLN*	Daniel et al, 2012, Lab Invest.
Proximal tubule	*ALDOB*	Chabardes-Garonne et al. 2003. Proc Natl Acad Sci
	PDZK1IP1	Human protein atlas
Proximal tubule-S1	*SLC5A12*	Lee et al. 2015 J Am Soc of Neph
Distal convoluted tubule	*SLC12A3*	Biner et al. 2002. J Am Soc of Neph
Principal cells	*AQP2*	Lee et al. 2015 J Am Soc of Neph
	AQP3	Ishibashi et al. 1994. Proc Natl Acad Sci
	FXYD4	Lee et al. 2015 J Am Soc of Neph
Type A intercalated cells	*SLC4A1*	Roy et al. 2015. Clin J of Am Soc of Neph
	AQP6	Lee et al. 2015 J Am Soc of Neph
Connecting tubule	*CALB1*	Lee et al. 2015 J Am Soc of Neph
Thick ascending limb	*UMOD*	Hession et al. 1987. Science
	SLC12A1	Lee et al. 2015 J Am Soc of Neph
Endothelial cells	*VWF*	Pusztaszeri et al. 2006. J His Chem
	PECAM-1	Brunskill et al. 2014. Development
	CD34	Lin et al. 1995. Eur J Immunol.
	EMCN	Brunskill et al. 2014. Development
Vascular smooth muscle cells/pericytes	*ACTA2*	Carey et al. 1992. Hypertension
B cells	*MZB1*	Stewart et al. 2019. Science
Macrophages	*CD163*	Stewart et al. 2019. Science
	LYZ	Stewart et al. 2019. Science
	C1qA/B	Human protein atlas
T cells	*CD3D*	Stewart et al. 2019. Science
	CD69	Stewart et al. 2019. Science
NK cells	*GNLY*	Stewart et al. 2019. Science
	NKG7	Stewart et al. 2019. Science
	KLRB1	Stewart et al. 2019. Science
	IL32	Stewart et al. 2019. Science
Neutrophils	*S100A8*	Stewart et al. 2019. Science
	S100A9	Stewart et al. 2019. Science
Dendritic cells/APCs	*FCER1A*	Stewart et al. 2019. Science
	HLA-DPB1	Stewart et al. 2019. Science
	HLA-DRB1	Stewart et al. 2019. Science
Myeloid dendritic cells	*CD1E*	Human protein atlas
Plasmacytoid dendritic cells	*LILRA4*	Stewart et al. 2019. Science
	CLIC3	Stewart et al. 2019. Science
Basophils	*MS4A2*	Stewart et al. 2019. Science
	CPA3	Stewart et al. 2019. Science
	SLC18A2	Stewart et al. 2019. Science