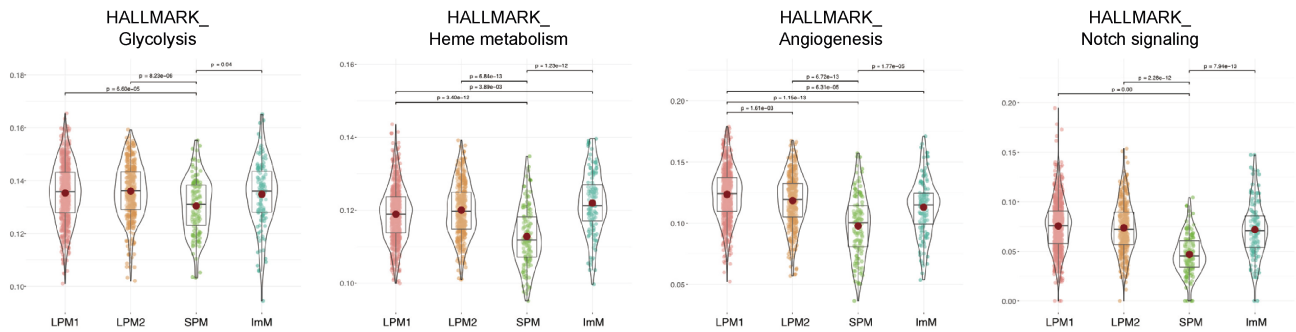


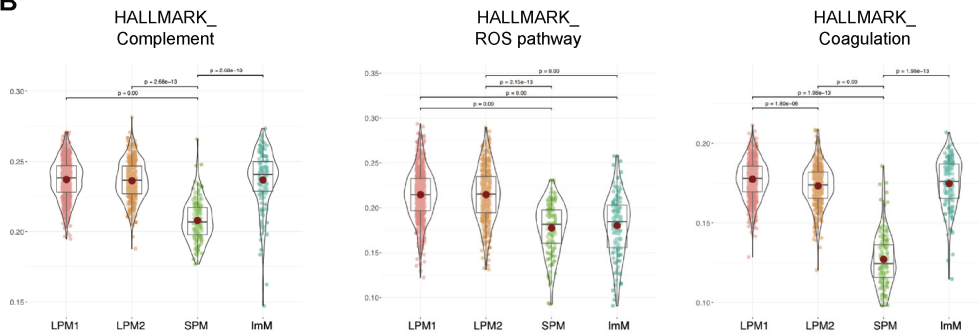
Role of histamine-mediated macrophage differentiation in clearance of metastatic bacterial infection

Supplemental information

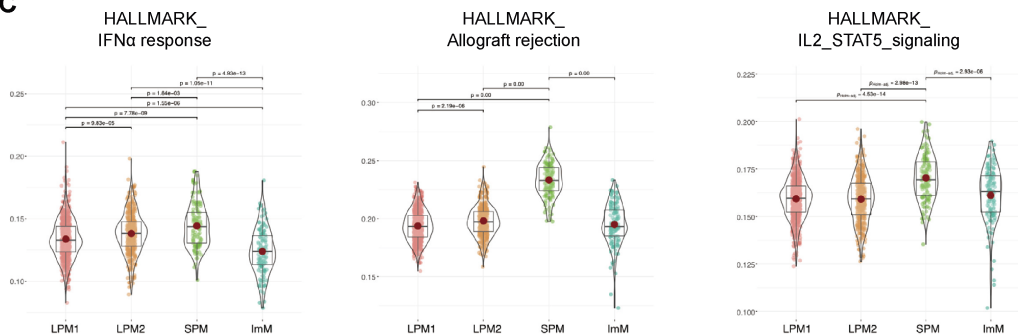
A



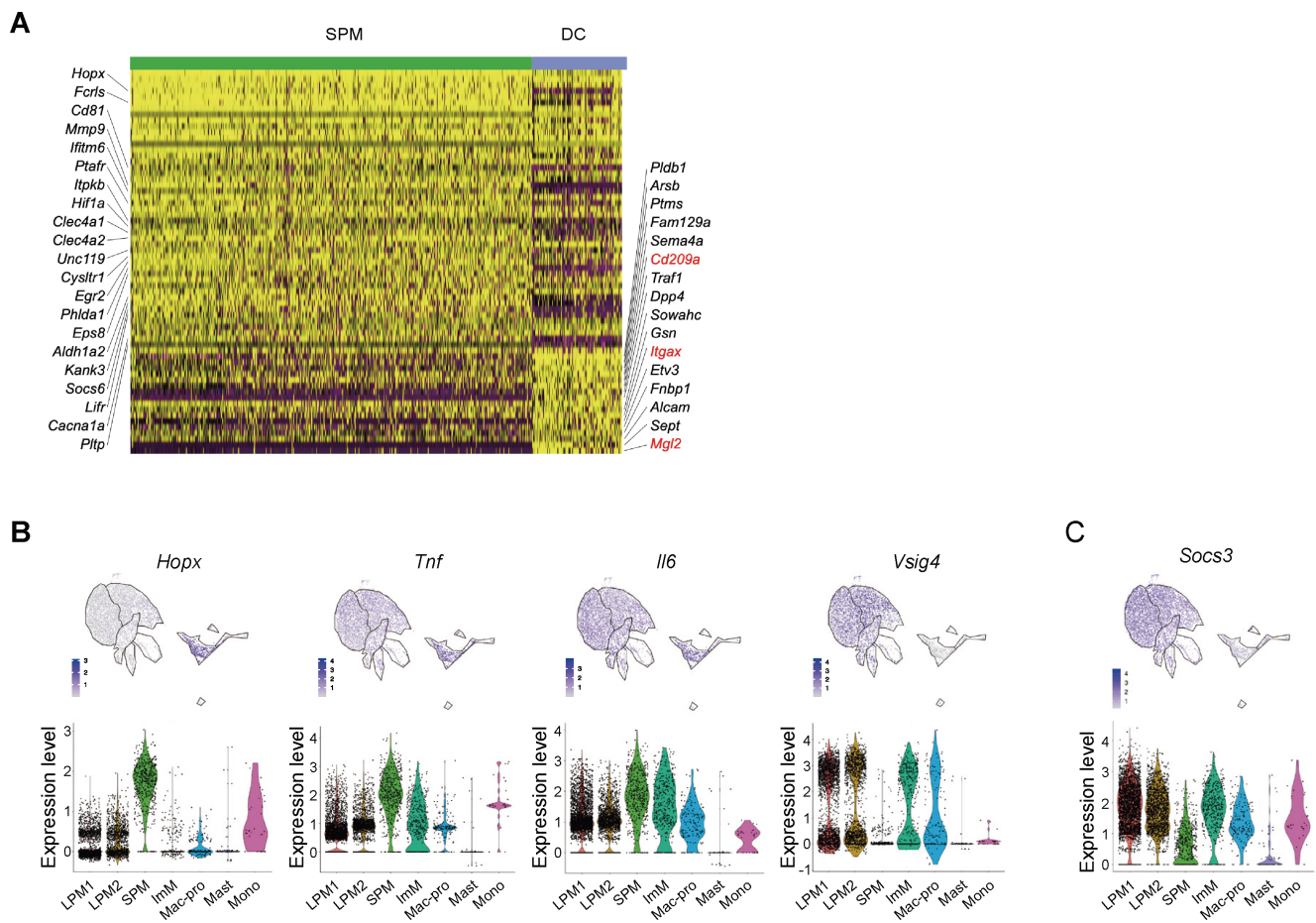
B



C



Supplementary figure S1. HALLMARK analysis in LPM1, LPM2, SPM, and ImM populations. (A–C) HALLMARK analysis of glycolysis, heme metabolism, angiogenesis, and Notch signaling (A); complement, ROS pathway, and coagulation (B); and the IFN α response, allograft rejection, and IL2–STAT5 signaling (C) of LPM1, LPM2, SPM, and ImM populations.



Supplementary figure S2. Phenotypic characterization of SPMs.

(A) Heat map of scaled expression of SPM and DC clusters. Genes with increased expression levels in SPM compared to DC and vice versa are highlighted on the left and right side of the heat map, respectively. DC marker genes are shown in red. (B) Specific genes differentially expressed in SPM defined on UMAP plots (top) and violin plots (bottom). Other populations are displayed on the x-axis; each dot represents a single cell. (C) Comparison of *Socs3* expression in LPM1, LPM2, SPM, ImM, Mac-pro, Mast, and Mono clusters presented as a UMAP plot (top) and violin plot (bottom).

Macrophage	Monocyte	B cell	NK cell	T cell	Dendritic cell	Proliferation	Mast cell
<i>Cd68</i>	<i>Csf1r</i>	<i>CD19</i>	<i>Fcgr3a</i>	<i>CD3d</i>	<i>Cd209a</i>	<i>Mki67</i>	<i>Cma1</i>
<i>Mertk</i>	<i>Fcgr3a</i>	<i>Ms4a1</i>	<i>Ncam1</i>	<i>CD3g</i>	<i>Itgax</i>	<i>Cdk1</i>	
<i>Adgre1</i>	<i>Cx3cr1</i>	<i>CD79a</i>	<i>Klrb1</i>	<i>CD32</i>	<i>Mgl2</i>	<i>Mcm6</i>	
<i>Itgam</i>	<i>Ccr2</i>	<i>CD79b</i>	<i>Klrc1</i>	<i>CD27</i>		<i>Cenb2</i>	
<i>Cd163</i>		<i>Blnk</i>	<i>Klrd1</i>	<i>CD28</i>			
			<i>Klrf1</i>	<i>IL7r</i>			
			<i>Klrk1</i>				

Supplementary table S1. Marker genes expressed according to cell type.

Gene	myAUC	avg_diff	power	avg_logFC	pct.1	pct.2	p_val_adj	cluster
<i>Ccl5</i>	1	5.1995332	1	3.5963961	1	0.459	NA	8
<i>Nkg71</i>	1	3.3428221	1	3.1277858	0.995	0.149	NA	8
<i>Ms4a4b1</i>	1	3.3369001	1	2.810328	0.99	0.271	NA	8
<i>Ms4a6c</i>	0.999	2.2088271	0.998	2.1366419	1	0.571	NA	14
<i>Ccr2</i>	0.994	2.4986782	0.988	2.4620539	1	0.292	NA	5
<i>AW1120101</i>	0.994	3.0665905	0.988	2.9557289	0.985	0.402	NA	8
<i>Klrd11</i>	0.984	2.7439457	0.968	2.5796864	0.965	0.192	NA	8
<i>Clec4a11</i>	0.984	1.5206809	0.968	1.4876442	1	0.442	NA	14
<i>Gzma</i>	0.982	4.605823	0.964	4.4468138	0.955	0.199	NA	8
<i>Lst11</i>	0.982	2.4506507	0.964	2.5058234	0.969	0.287	NA	14
<i>H2-DMb1</i>	0.98	1.7852939	0.96	1.7185342	0.978	0.339	NA	5
<i>Il1b2</i>	0.979	2.6567776	0.958	2.7875416	1	0.457	NA	14
<i>Ltb4r1</i>	0.977	1.5515278	0.954	1.4701487	0.93	0.191	NA	5
<i>Hopx</i>	0.976	1.6067706	0.952	1.4947318	0.956	0.413	NA	5
<i>H2-Aa4</i>	0.976	2.0995177	0.952	2.0692346	1	0.698	NA	11
<i>Plxnd1</i>	0.974	1.469981	0.948	1.4473662	0.947	0.245	NA	5
<i>Cd3g</i>	0.973	2.1733117	0.946	2.2029508	0.959	0.232	NA	7
<i>Ms4a4b</i>	0.969	2.7391285	0.938	2.4862816	0.956	0.264	NA	7
<i>Ctla2a</i>	0.966	2.8306539	0.932	2.7410561	0.936	0.244	NA	8
<i>H2-DMb11</i>	0.961	1.6973134	0.922	1.579	0.975	0.367	NA	11
<i>Fcrls</i>	0.96	1.8560556	0.92	1.8048362	0.948	0.274	NA	5
<i>Tnip3</i>	0.959	2.0830932	0.918	2.1737667	0.983	0.444	NA	5
<i>Ncr1</i>	0.959	2.5081113	0.918	2.4979905	0.95	0.084	NA	8
<i>Plbd1</i>	0.959	1.8257989	0.918	1.8594775	0.959	0.297	NA	11
<i>Olfm11</i>	0.955	1.5743001	0.91	1.5124024	0.967	0.359	NA	11
<i>AF2517051</i>	0.954	1.3884042	0.908	1.3690454	0.906	0.16	NA	14
<i>Gadd45b</i>	0.953	1.3966501	0.906	1.2938794	0.969	0.615	NA	14
<i>H2-Ab13</i>	0.952	1.6047867	0.904	1.5255679	1	0.688	NA	5
<i>Cd79b1</i>	0.95	1.6940487	0.9	1.3523457	1	0.502	NA	3
<i>Ebf12</i>	0.95	1.6845299	0.9	1.6296308	0.993	0.537	NA	4
<i>Ccr24</i>	0.949	1.9376507	0.898	1.9966859	1	0.329	NA	14
<i>Mrc1</i>	0.946	1.5507499	0.892	1.5701368	0.965	0.437	NA	5
<i>Plekho12</i>	0.946	1.3675247	0.892	1.3150436	0.969	0.543	NA	14
<i>Cd79a1</i>	0.945	1.6347432	0.89	1.3891846	0.999	0.536	NA	3
<i>Napsa1</i>	0.945	1.4222548	0.89	1.2473631	0.999	0.556	NA	3
<i>Efh2</i>	0.945	1.1203113	0.89	1.1086908	0.98	0.66	NA	5
<i>Vps37b</i>	0.945	1.8708493	0.89	1.8700986	0.96	0.63	NA	8
<i>Ms4a11</i>	0.943	1.6098055	0.886	1.4071004	1	0.557	NA	3
<i>Arsb</i>	0.943	1.2503181	0.886	1.2226947	0.967	0.509	NA	11
<i>Txkl</i>	0.941	2.3998562	0.882	2.2610304	0.936	0.383	NA	8
<i>Ptms</i>	0.941	1.2355242	0.882	1.3854213	0.983	0.555	NA	11
<i>Ms4a4c2</i>	0.941	1.8970861	0.882	1.8289002	0.938	0.262	NA	14
<i>Ebf11</i>	0.94	1.5219643	0.88	1.1366631	0.999	0.505	NA	3
<i>Clec4b1</i>	0.94	1.2599623	0.88	1.2629254	0.895	0.336	NA	5
<i>Skap1</i>	0.939	1.6635197	0.878	1.5854993	0.883	0.043	NA	7
<i>Ugcg</i>	0.939	2.1842842	0.878	2.0626869	0.936	0.553	NA	8
<i>Cd3d</i>	0.938	2.0006792	0.876	2.0459747	0.921	0.1	NA	7
<i>Scd11</i>	0.936	1.2485135	0.872	1.0759264	0.978	0.515	NA	3
<i>Plac81</i>	0.935	1.5827142	0.87	1.5649972	1	0.547	NA	3
<i>Fam129a1</i>	0.935	0.9221834	0.87	1.0002139	0.934	0.25	NA	11
<i>Olfm1</i>	0.934	1.3966995	0.868	1.4848921	0.928	0.334	NA	5
<i>H2-Aa3</i>	0.933	1.4471717	0.866	1.2976587	1	0.684	NA	5
<i>Il18r1</i>	0.932	1.9098255	0.864	1.8212004	0.847	0.162	NA	8
<i>Fcmr1</i>	0.931	1.5569991	0.862	1.4839222	0.923	0.437	NA	4
<i>Ccr23</i>	0.931	1.5204213	0.862	1.504812	0.967	0.323	NA	11
<i>Isg15</i>	0.93	1.3794784	0.86	1.4073166	0.943	0.634	NA	5

<i>Rab11fip1</i>	0.93	1.0398186	0.86	0.9886362	0.888	0.386	NA	5
<i>Tnip31</i>	0.93	1.8796372	0.86	1.7115724	0.926	0.469	NA	11
<i>Fgd21</i>	0.928	1.0629514	0.856	0.9415638	0.962	0.358	NA	3
<i>Ccdc88a</i>	0.925	1.1819298	0.85	1.089046	0.954	0.645	NA	5
<i>Cd28</i>	0.925	1.6599676	0.85	1.7206471	0.87	0.192	NA	7
<i>Thy1</i>	0.924	1.3135128	0.848	1.4058477	0.86	0.083	NA	7
<i>Ejhd21</i>	0.924	1.0982582	0.848	1.1462473	0.983	0.674	NA	11
<i>Ccr22</i>	0.923	1.9135151	0.846	1.5104035	0.911	0.319	NA	8
<i>Ccr7</i>	0.922	1.8752828	0.844	1.8282278	0.918	0.392	NA	4
<i>Cd81</i>	0.922	1.2826918	0.844	0.9904034	0.941	0.561	NA	5
<i>Klre1</i>	0.922	1.8431485	0.844	1.8201956	0.842	0.036	NA	8
<i>Pidl</i>	0.92	1.0725417	0.84	1.0883026	0.989	0.579	NA	5
<i>Mcm5</i>	0.92	0.7448545	0.84	0.7419296	0.912	0.316	NA	10
<i>Sema4a1</i>	0.919	0.7774954	0.838	0.7097937	0.876	0.352	NA	11
<i>Cd21</i>	0.918	1.2824505	0.836	1.219511	0.998	0.505	NA	3
<i>Ccdc109b</i>	0.918	1.0326039	0.836	1.1065304	0.948	0.616	NA	5
<i>Klrk11</i>	0.918	2.0163049	0.836	1.8919044	0.856	0.304	NA	8
<i>Pou2f21</i>	0.916	1.2045809	0.832	1.1413082	0.997	0.622	NA	3
<i>Stmn11</i>	0.916	1.7528943	0.832	1.6652648	0.856	0.222	NA	12
<i>Mmp9</i>	0.915	2.0647085	0.83	1.9919974	0.829	0.368	NA	5
<i>Hal</i>	0.914	1.2621513	0.828	1.2268995	0.973	0.492	NA	1
<i>Ifitm62</i>	0.914	1.1003485	0.828	1.1191089	0.974	0.663	NA	5
<i>Slamf9</i>	0.914	1.0949223	0.828	1.1043432	0.913	0.395	NA	5
<i>Cd209a</i>	0.914	2.3610932	0.828	2.314627	0.884	0.33	NA	11
<i>Cd9</i>	0.912	1.1110927	0.824	1.1482955	0.999	0.585	NA	0
<i>Ptafr</i>	0.912	0.949609	0.824	0.9863189	0.936	0.502	NA	5
<i>Stmn1</i>	0.912	1.6016565	0.824	1.6696339	0.899	0.217	NA	10
<i>Mcm3</i>	0.912	0.6756381	0.824	0.663884	0.95	0.378	NA	10
<i>Bcl2a1a</i>	0.911	1.055701	0.822	1.0627185	0.895	0.31	NA	5
<i>Baspl</i>	0.911	2.6154932	0.822	2.5382516	0.877	0.387	NA	13
<i>Traf12</i>	0.911	1.1226415	0.822	1.1696854	0.969	0.524	NA	14
<i>Ifng1</i>	0.91	1.9059624	0.82	1.7084128	0.748	0.051	NA	8
<i>Tmem176b</i>	0.909	1.2967169	0.818	1.3509045	0.948	0.477	NA	5
<i>Il1b1</i>	0.909	2.1079408	0.818	2.0950349	0.909	0.453	NA	11
<i>Mcm51</i>	0.909	0.892052	0.818	0.8755487	0.876	0.32	NA	12
<i>Abhd17b1</i>	0.908	1.0964148	0.816	0.9608593	0.976	0.556	NA	3
<i>Marcks1</i>	0.908	1.2430199	0.816	1.1835116	0.95	0.609	NA	11
<i>Traf11</i>	0.908	1.3078666	0.816	1.1101168	0.917	0.521	NA	11
<i>Clec12a</i>	0.908	1.1898813	0.816	1.1605876	0.844	0.336	NA	14
<i>Ms4a6b2</i>	0.908	1.1892912	0.816	1.0682459	0.938	0.529	NA	14
<i>Itpkb</i>	0.907	0.9271655	0.814	0.7937882	0.926	0.548	NA	5
<i>Siglecgl</i>	0.906	1.0587516	0.812	0.983007	0.967	0.499	NA	3
<i>Prg4</i>	0.905	1.1725359	0.81	1.1970155	1	0.698	NA	0
<i>Hif1a</i>	0.904	0.9639821	0.808	0.9339823	0.972	0.664	NA	5
<i>Clec4a1</i>	0.904	0.9357763	0.808	0.9079335	0.884	0.418	NA	5
<i>Dpp4</i>	0.904	0.8347215	0.808	0.7681335	0.884	0.321	NA	11
<i>Mcm31</i>	0.903	0.9123323	0.806	0.8610238	0.887	0.383	NA	12
<i>Ccdc88a1</i>	0.902	1.0726915	0.804	1.1207601	0.959	0.658	NA	11
<i>Clec4a2</i>	0.901	1.1228504	0.802	1.1736098	0.913	0.354	NA	5
<i>Pip4k2a1</i>	0.9	0.9067288	0.8	0.9676289	0.967	0.603	NA	11
<i>Plbd11</i>	0.9	1.3794319	0.8	1.314868	0.875	0.303	NA	14
<i>Ly6c1</i>	0.9	1.0053278	0.8	0.9833339	0.812	0.086	NA	14
<i>Naaa</i>	0.899	1.0157364	0.798	0.909435	0.869	0.439	NA	5
<i>Ly6c2</i>	0.899	1.7180064	0.798	1.6602225	0.812	0.084	NA	14
<i>Bcl2a1d</i>	0.898	0.9872653	0.796	0.960172	0.917	0.551	NA	11
<i>Unc119</i>	0.897	0.8678225	0.794	0.9511199	0.947	0.641	NA	5
<i>Smc2</i>	0.897	0.914113	0.794	0.9159885	0.925	0.383	NA	10

<i>Cysltr1</i>	0.896	0.9883421	0.792	0.9995682	0.891	0.42	NA	5
<i>Cd79a2</i>	0.894	1.2659653	0.788	1.2251752	0.995	0.566	NA	4
<i>Egr2</i>	0.894	1.2269156	0.788	1.3577855	0.934	0.597	NA	5
<i>Ms4a6d2</i>	0.894	1.5237928	0.788	1.4860778	0.906	0.572	NA	14
<i>Aif1</i>	0.894	1.4406278	0.788	1.4179231	0.844	0.307	NA	14
<i>Il18rap1</i>	0.893	1.7387662	0.786	1.6867372	0.817	0.244	NA	8
<i>Naaa1</i>	0.893	1.6372262	0.786	1.6304711	0.901	0.457	NA	11
<i>Pla2g7</i>	0.892	1.1093491	0.784	1.0487122	0.997	0.618	NA	0
<i>Ms4a1</i>	0.892	1.3027651	0.784	1.2097307	0.995	0.548	NA	2
<i>Fgd2</i>	0.892	0.8613285	0.784	0.5902372	0.838	0.365	NA	2
<i>Mzb11</i>	0.892	1.2758152	0.784	1.2370037	0.988	0.415	NA	3
<i>Cd191</i>	0.892	0.8426343	0.784	0.8775582	0.955	0.472	NA	3
<i>Il2rb</i>	0.892	1.5378518	0.784	1.4447248	0.772	0.133	NA	8
<i>Sowahc</i>	0.892	1.0337262	0.784	0.9711538	0.942	0.595	NA	11
<i>2700094K13Rik1</i>	0.892	0.9841882	0.784	0.9032012	0.959	0.58	NA	12
<i>AI839979</i>	0.892	0.6975534	0.784	0.6917113	0.75	0.14	NA	14
<i>Mzb1</i>	0.891	1.1817339	0.782	1.0969456	0.965	0.406	NA	2
<i>H2-Aa2</i>	0.891	1.2766778	0.782	1.0614267	0.997	0.683	NA	4
<i>Il7r</i>	0.891	1.3937048	0.782	1.5231321	0.816	0.069	NA	7
<i>Eomes</i>	0.891	1.7205764	0.782	1.6646526	0.762	0.061	NA	8
<i>Ralgps21</i>	0.89	0.9302133	0.78	0.7584546	0.926	0.408	NA	3
<i>Spry2</i>	0.89	1.8965452	0.78	1.9714242	0.881	0.346	NA	8
<i>Gimap43</i>	0.89	1.5183748	0.78	1.4176618	0.901	0.517	NA	8
<i>Mcm71</i>	0.89	0.8185435	0.78	0.8121719	0.835	0.288	NA	12
<i>Phlda1</i>	0.889	1.428892	0.778	1.3891792	0.919	0.599	NA	5
<i>Atad2</i>	0.889	0.8351698	0.778	0.7507742	0.899	0.395	NA	10
<i>Clec4a3</i>	0.888	0.8014969	0.776	0.8120558	0.884	0.417	NA	5
<i>Satb12</i>	0.888	1.7112856	0.776	1.6364875	0.851	0.377	NA	8
<i>Batf3</i>	0.887	0.9103239	0.774	0.8495954	0.779	0.185	NA	5
<i>Eps8</i>	0.887	0.9491911	0.774	0.8160976	0.921	0.577	NA	5
<i>Plac8</i>	0.886	1.4116411	0.772	1.379146	0.993	0.538	NA	2
<i>Zbtb321</i>	0.886	0.7605646	0.772	0.7730237	0.913	0.376	NA	3
<i>Il1b</i>	0.886	1.8671959	0.772	1.7488159	0.842	0.436	NA	5
<i>Aldh1a2</i>	0.886	0.8377335	0.772	0.8348698	0.788	0.145	NA	5
<i>Mcm4</i>	0.886	0.4613408	0.772	0.4792794	0.893	0.341	NA	10
<i>Gsn1</i>	0.886	1.0620959	0.772	0.9382295	0.826	0.257	NA	11
<i>Kank3</i>	0.885	0.9003184	0.77	0.8087599	0.799	0.284	NA	5
<i>Socs6</i>	0.885	0.8173992	0.77	0.7306721	0.794	0.41	NA	5
<i>Fcna1</i>	0.884	1.1193566	0.768	1.2207332	0.999	0.659	NA	1
<i>Ets13</i>	0.883	1.1744265	0.766	1.2559481	0.959	0.488	NA	7
<i>Itgax</i>	0.883	0.8048369	0.766	0.7850982	0.777	0.046	NA	11
<i>Serpinb1a</i>	0.882	0.965877	0.764	0.941995	0.959	0.547	NA	0
<i>Uhrf11</i>	0.882	0.7654467	0.764	0.7667401	0.814	0.197	NA	12
<i>Clec4a31</i>	0.882	1.0802467	0.764	1.0476531	0.906	0.441	NA	14
<i>Ltb4r11</i>	0.881	1.1130689	0.762	1.0966603	0.876	0.224	NA	11
<i>Tnip32</i>	0.881	1.1748498	0.762	1.159313	0.906	0.473	NA	14
<i>1110059E24Rik</i>	0.88	0.7859822	0.76	0.5634405	0.889	0.494	NA	3
<i>Cd3e</i>	0.88	1.6494059	0.76	1.5457072	0.825	0.227	NA	7
<i>Dut1</i>	0.88	1.0376433	0.76	1.0249606	0.876	0.356	NA	12
<i>Ms4a6b1</i>	0.879	1.5801717	0.758	1.5453548	0.908	0.517	NA	7
<i>Zyx1</i>	0.879	0.8887931	0.758	0.8785067	1	0.65	NA	11
<i>Lifr</i>	0.878	0.8554647	0.756	0.7626208	0.855	0.496	NA	5
<i>Sepp11</i>	0.877	0.9997233	0.754	1.0849856	0.999	0.646	NA	1
<i>Etv3</i>	0.877	1.1630871	0.754	1.1218606	0.893	0.509	NA	11
<i>Gmnn1</i>	0.877	0.7392898	0.754	0.6665811	0.825	0.393	NA	12
<i>Gm51501</i>	0.877	0.8156457	0.754	0.832098	0.844	0.306	NA	14
<i>Cd14</i>	0.876	1.0532	0.752	0.8859261	1	0.682	NA	0

<i>Pmf11</i>	0.876	0.8300208	0.752	0.7770837	0.89	0.373	NA	3
<i>Ltb2</i>	0.876	1.3059174	0.752	1.1966254	0.979	0.566	NA	4
<i>Zyx</i>	0.876	0.8052585	0.752	1.0623056	0.972	0.635	NA	5
<i>Pip4k2a</i>	0.875	0.8195678	0.75	0.7509194	0.895	0.591	NA	5
<i>Txk</i>	0.875	1.422564	0.75	1.32911	0.838	0.379	NA	7
<i>Cks1b</i>	0.875	0.8883592	0.75	0.8371593	0.862	0.388	NA	10
<i>Ltb</i>	0.874	1.0775794	0.748	1.0999421	0.966	0.529	NA	2
<i>Pkig</i>	0.874	0.7798953	0.748	0.8106568	0.964	0.631	NA	3
<i>Itga62</i>	0.874	0.9213757	0.748	0.9391975	0.974	0.644	NA	6
<i>Nupr1</i>	0.873	0.9768301	0.746	0.8982909	0.992	0.472	NA	0
<i>H2-Ab12</i>	0.873	1.0685834	0.746	0.8948817	0.997	0.686	NA	4
<i>Lig11</i>	0.873	0.8531568	0.746	0.8283257	0.825	0.327	NA	12
<i>Marcks</i>	0.872	0.9881942	0.744	1.0423013	0.915	0.595	NA	5
<i>Fnbp1</i>	0.872	0.8952851	0.744	0.9866559	0.959	0.636	NA	11
<i>Sowahc1</i>	0.872	1.0913572	0.744	1.1381196	0.938	0.598	NA	14
<i>Ets12</i>	0.871	1.2085965	0.742	1.1975756	0.943	0.476	NA	4
<i>Dusp5</i>	0.871	1.5527189	0.742	1.3946277	0.835	0.487	NA	7
<i>Rgs10</i>	0.87	0.8587521	0.74	0.8652401	0.997	0.567	NA	0
<i>Top2a</i>	0.87	1.4020894	0.74	1.3936826	0.855	0.385	NA	10
<i>Uhrf1</i>	0.87	0.5521312	0.74	0.5628508	0.824	0.193	NA	10
<i>Rrm11</i>	0.87	0.6151018	0.74	0.5690548	0.794	0.317	NA	12
<i>Ccl24</i>	0.869	1.2012817	0.738	1.0285474	1	0.618	NA	0
<i>Cbr2</i>	0.869	0.7345181	0.738	0.7078923	0.867	0.399	NA	1
<i>Gm83691</i>	0.869	1.5093297	0.738	1.4706665	0.921	0.469	NA	4
<i>Cacna1a</i>	0.869	0.8479928	0.738	0.7390133	0.805	0.477	NA	5
<i>Ets14</i>	0.869	1.1950459	0.738	1.1256773	0.926	0.494	NA	8
<i>Alcam1</i>	0.869	0.8321271	0.738	0.8495493	0.967	0.541	NA	11
<i>Icam2</i>	0.868	0.9757423	0.736	0.9476265	0.999	0.622	NA	0
<i>Cd79b</i>	0.868	1.1788411	0.736	1.1359504	0.996	0.492	NA	2
<i>Pltp2</i>	0.868	0.901504	0.736	0.905175	0.996	0.689	NA	5
<i>Chaf1a</i>	0.868	0.2749918	0.736	0.3045802	0.818	0.297	NA	10
<i>Bcl2ald1</i>	0.868	0.8400658	0.736	0.8349985	0.875	0.555	NA	14
<i>Spon1</i>	0.868	0.2647921	0.736	0.2524848	0.594	0.061	NA	14
<i>Snn1</i>	0.867	0.730742	0.734	0.7379338	0.925	0.402	NA	3
<i>Mki67</i>	0.867	1.4568086	0.734	1.4996525	0.906	0.51	NA	10
<i>Nasp1</i>	0.867	0.7188681	0.734	0.7251421	0.918	0.419	NA	12
<i>Acp5</i>	0.866	0.7842787	0.732	0.8015626	0.909	0.298	NA	3
<i>4930523C07Rik1</i>	0.866	0.8980248	0.732	0.7938222	0.979	0.388	NA	3
<i>Blkl</i>	0.866	0.6917888	0.732	0.5711922	0.875	0.341	NA	3
<i>Dctpp11</i>	0.866	0.6815417	0.732	0.6263496	0.897	0.48	NA	12
<i>Mgst1</i>	0.865	0.7893957	0.73	0.7336491	0.98	0.564	NA	0
<i>Dusp51</i>	0.865	1.5532079	0.73	1.5773262	0.886	0.49	NA	8
<i>03-Sep</i>	0.865	0.8133874	0.73	0.7902691	0.744	0.004	NA	11
<i>Cyp4f18</i>	0.864	1.0179793	0.728	1.0115085	0.831	0.329	NA	3
<i>Plxnd11</i>	0.864	0.7689088	0.728	0.7780504	0.843	0.277	NA	11
<i>Tmem176a</i>	0.862	1.2345048	0.724	1.2310171	0.877	0.437	NA	5
<i>Pid11</i>	0.862	0.9713154	0.724	0.9654186	0.959	0.597	NA	11
<i>Garnl3</i>	0.861	0.6852294	0.722	0.5954125	0.813	0.336	NA	0
<i>Hck</i>	0.861	0.7785719	0.722	0.7710607	0.895	0.502	NA	3
<i>Pou2af11</i>	0.861	0.6606505	0.722	0.6839559	0.932	0.45	NA	3
<i>Cx3cr11</i>	0.861	1.2365645	0.722	1.3226211	0.812	0.181	NA	14
<i>Naaa2</i>	0.861	0.8986654	0.722	0.839089	0.875	0.461	NA	14
<i>Klrb1f</i>	0.86	1.367582	0.72	1.2989374	0.718	0.065	NA	8
<i>Cks1bl</i>	0.86	1.015305	0.72	0.9427644	0.784	0.392	NA	12
<i>Pid12</i>	0.859	1.1501727	0.718	1.2019206	0.906	0.6	NA	14
<i>Scd1</i>	0.858	0.8914411	0.716	0.7633605	0.907	0.516	NA	2
<i>Tmem123</i>	0.858	0.8817596	0.716	0.9376423	0.969	0.665	NA	3

<i>AU020206</i>	0.858	0.6992248	0.716	0.6648525	0.888	0.49	NA	3
<i>Fcer2a</i>	0.858	1.417618	0.716	1.6891758	0.837	0.197	NA	4
<i>Coro1a7</i>	0.858	0.9189789	0.716	0.9674455	1	0.639	NA	14
<i>Rnf125</i>	0.857	0.9256517	0.714	0.8789971	0.708	0.147	NA	7
<i>Clec4b11</i>	0.857	1.1675535	0.714	1.1406517	0.818	0.362	NA	11
<i>Cbx51</i>	0.857	0.5182479	0.714	0.5041672	0.835	0.363	NA	12
<i>Fcmr</i>	0.856	0.9468406	0.712	1.0390062	0.867	0.402	NA	2
<i>4930523C07Rik</i>	0.856	0.8528586	0.712	0.9172135	0.956	0.378	NA	2
<i>H2-DMb2</i>	0.856	0.9095697	0.712	0.8147979	0.955	0.429	NA	2
<i>Gimap4</i>	0.856	0.812756	0.712	0.7172198	0.882	0.467	NA	2
<i>Gm436031</i>	0.856	0.7002665	0.712	0.6142679	0.916	0.416	NA	3
<i>Tmpo1</i>	0.856	0.7773686	0.712	0.7060252	0.907	0.577	NA	12
<i>Selp</i>	0.855	0.9188643	0.71	0.9121321	0.998	0.508	NA	0
<i>Hvcn1</i>	0.855	1.3290737	0.71	1.2176396	0.809	0.285	NA	4
<i>Cd79b2</i>	0.855	1.146394	0.71	1.1936219	0.988	0.535	NA	4
<i>Lig1</i>	0.855	0.6882443	0.71	0.6441139	0.824	0.323	NA	10
<i>Fchsd2</i>	0.854	1.2557605	0.708	1.2475047	0.808	0.364	NA	4
<i>Ecm1</i>	0.853	0.8346795	0.706	0.8474808	0.999	0.575	NA	0
<i>Rasgrp1</i>	0.853	0.7594185	0.706	0.6397899	0.913	0.499	NA	3
<i>Flnb</i>	0.852	0.7858878	0.704	0.7786806	0.994	0.572	NA	0
<i>Pax5</i>	0.852	0.6851041	0.704	0.7589195	0.906	0.454	NA	2
<i>Rrm1</i>	0.852	0.7565138	0.704	0.7158788	0.83	0.314	NA	10
<i>Mgl2</i>	0.852	2.110962	0.704	2.2647459	0.826	0.375	NA	11
<i>Mcm21</i>	0.852	0.6792918	0.704	0.6863736	0.835	0.419	NA	12
<i>Mgst2</i>	0.851	0.524112	0.702	0.4400569	0.746	0.402	NA	3
<i>Ass11</i>	0.851	0.6354716	0.702	0.582442	0.845	0.321	NA	12
<i>Ctsl</i>	0.85	0.9006442	0.7	0.938694	0.999	0.633	NA	0
<i>Mcempl</i>	0.85	0.785786	0.7	0.8088349	0.997	0.558	NA	0
<i>Folr2</i>	0.85	0.7046415	0.7	0.7001237	0.792	0.292	NA	1
<i>Coro1a</i>	0.85	0.9507536	0.7	0.8649031	0.993	0.583	NA	2
<i>Pax51</i>	0.85	0.7544805	0.7	0.6795786	0.943	0.459	NA	3
<i>Klrc21</i>	0.85	1.2799392	0.7	1.256387	0.668	0.019	NA	8
<i>Lmnbl1</i>	0.85	0.7982048	0.7	0.7689296	0.814	0.396	NA	12
<i>Tmem176b2</i>	0.85	1.1160461	0.7	1.2020975	0.906	0.502	NA	14
<i>Napsa</i>	0.849	0.9508672	0.698	0.940912	0.96	0.552	NA	2
<i>Cd19</i>	0.849	0.8327473	0.698	0.7150172	0.865	0.475	NA	2
<i>Slc2a6</i>	0.849	0.6643125	0.698	0.5700328	0.74	0.319	NA	5
<i>Nkg7</i>	0.849	1.9689959	0.698	1.5290652	0.778	0.146	NA	7
<i>Hmgn2</i>	0.849	0.7683119	0.698	0.7516354	0.893	0.405	NA	10
<i>Atad21</i>	0.849	0.6224817	0.698	0.6242286	0.845	0.399	NA	12
<i>Pou2f2</i>	0.848	0.9484963	0.696	0.941182	0.983	0.616	NA	2
<i>Fcrla1</i>	0.848	0.8416435	0.696	0.7951859	0.921	0.462	NA	3
<i>Atp1b1</i>	0.848	1.2949089	0.696	1.2121658	0.698	0.21	NA	8
<i>Racgap1</i>	0.848	0.6705093	0.696	0.6706026	0.805	0.314	NA	10
<i>Lmnbl</i>	0.848	0.5984941	0.696	0.6262787	0.855	0.393	NA	10
<i>Gata6</i>	0.847	0.6348052	0.694	0.4892165	0.836	0.364	NA	0
<i>Fasl</i>	0.847	1.394454	0.694	1.3785851	0.718	0.029	NA	8
<i>1700025G04Rik2</i>	0.847	0.6715365	0.694	0.5713069	0.752	0.173	NA	11
<i>Clec4d</i>	0.846	0.84867	0.692	0.7734442	0.998	0.593	NA	0
<i>F5</i>	0.845	0.8682459	0.69	0.9670728	1	0.583	NA	0
<i>F10</i>	0.845	0.838758	0.69	0.8226602	0.965	0.437	NA	0
<i>Pafah1b3</i>	0.845	0.8239294	0.69	0.7778544	0.91	0.421	NA	3
<i>Il1rn</i>	0.845	1.0629634	0.69	1.0987707	0.84	0.449	NA	5
<i>Cd8b1</i>	0.845	1.2151797	0.69	1.2129601	0.702	0.006	NA	7
<i>Mcm7</i>	0.845	0.5295676	0.69	0.5775553	0.868	0.284	NA	10
<i>Gm5150</i>	0.845	0.9879894	0.69	0.9522473	0.777	0.302	NA	11
<i>Dusp52</i>	0.845	0.6578617	0.69	0.7498681	0.893	0.494	NA	11

<i>Spib1</i>	0.844	0.6893101	0.688	0.7015078	0.895	0.386	NA	3
<i>Alcam</i>	0.844	0.6588313	0.688	0.688388	0.895	0.526	NA	5
<i>Itga6</i>	0.843	0.853518	0.686	0.9375747	1	0.516	NA	0
<i>Cd22</i>	0.843	0.698205	0.686	0.6862428	0.874	0.396	NA	3
<i>Pax52</i>	0.843	1.1152514	0.686	1.0783366	0.875	0.494	NA	4
<i>AW112010</i>	0.843	1.6309982	0.686	1.2906498	0.863	0.399	NA	7
<i>Cd513</i>	0.843	1.0317925	0.686	0.8924456	0.987	0.591	NA	10
<i>Ear21</i>	0.843	0.7805625	0.686	0.7562501	0.694	0.104	NA	11
<i>Slc15a3</i>	0.843	0.8698958	0.686	0.8982203	0.938	0.576	NA	14
<i>Slc16a31</i>	0.843	0.4585393	0.686	0.3810774	0.75	0.329	NA	14
<i>Ednrb2</i>	0.842	0.8098546	0.684	0.8796918	0.985	0.684	NA	6
<i>Ly6d</i>	0.841	0.9913798	0.682	1.0444796	0.811	0.231	NA	2
<i>H2-DMb21</i>	0.841	0.7483045	0.682	0.7551976	0.975	0.438	NA	3
<i>Irf41</i>	0.841	0.5427339	0.682	0.4243858	0.842	0.404	NA	3
<i>Ndnf</i>	0.841	0.7253987	0.682	0.7372009	0.711	0.14	NA	5
<i>Rap2a</i>	0.841	0.7617267	0.682	0.7902139	0.86	0.46	NA	11
<i>Pfklp1</i>	0.841	0.7675229	0.682	0.7490439	0.893	0.504	NA	11
<i>Gm12840</i>	0.84	0.6563519	0.68	0.8538612	0.97	0.6	NA	0
<i>Siglecg</i>	0.84	0.8083088	0.68	0.7518761	0.906	0.498	NA	2
<i>Tiam11</i>	0.84	0.6286341	0.68	0.5667182	0.901	0.473	NA	11
<i>Skap11</i>	0.84	0.4514712	0.68	0.4280706	0.739	0.068	NA	15
<i>Prdx4</i>	0.839	0.699398	0.678	0.6449152	0.976	0.571	NA	0
<i>Zcwpw1</i>	0.839	0.8491715	0.678	1.0355259	0.808	0.39	NA	3
<i>H2-Aa1</i>	0.839	1.0216683	0.678	0.7015069	1	0.661	NA	3
<i>Tnfrsf13b</i>	0.839	0.5522449	0.678	0.4912612	0.883	0.522	NA	3
<i>Svil</i>	0.839	0.7613801	0.678	0.7907215	0.902	0.553	NA	5
<i>Fgr</i>	0.839	0.7470665	0.678	0.7549469	0.89	0.553	NA	5
<i>Mcm61</i>	0.839	0.778801	0.678	0.744919	0.784	0.326	NA	12
<i>Msr12</i>	0.838	0.7752265	0.676	0.6805813	1	0.693	NA	10
<i>Gmnn</i>	0.838	0.6204969	0.676	0.6168586	0.843	0.39	NA	10
<i>Naga</i>	0.838	0.9408242	0.676	0.9232958	0.86	0.557	NA	11
<i>Tnfsf9</i>	0.837	0.9202778	0.674	0.9234413	0.802	0.45	NA	11
<i>Ltbp1</i>	0.836	0.7904821	0.672	0.8600861	0.971	0.483	NA	0
<i>Ggh</i>	0.836	0.526945	0.672	0.4100947	0.913	0.475	NA	0
<i>Blkl</i>	0.836	0.6330034	0.672	0.5766613	0.896	0.471	NA	3
<i>Tbxas1</i>	0.836	0.7648691	0.672	0.739089	0.891	0.493	NA	5
<i>Ctswl</i>	0.836	1.5855469	0.672	1.5345962	0.733	0.115	NA	8
<i>Serpinb9</i>	0.836	1.5725152	0.672	1.5290585	0.703	0.248	NA	8
<i>H2-Ab1</i>	0.835	0.872058	0.67	0.5748108	0.987	0.659	NA	2
<i>Tnfrsf18</i>	0.835	1.4823291	0.67	1.3603035	0.752	0.107	NA	7
<i>Cd8a</i>	0.835	0.5572022	0.67	0.6201687	0.683	0.004	NA	7
<i>Tipin</i>	0.835	0.4190068	0.67	0.4380133	0.912	0.463	NA	10
<i>Timp2</i>	0.834	0.9256846	0.668	0.8774239	1	0.639	NA	0
<i>Plekho11</i>	0.834	0.7660613	0.668	0.8172404	0.901	0.54	NA	11
<i>Chn21</i>	0.834	0.4227221	0.668	0.4687657	0.769	0.225	NA	11
<i>Tipin1</i>	0.833	0.7038327	0.666	0.6514843	0.825	0.466	NA	12
<i>Arl5c</i>	0.832	0.7035322	0.664	0.5551103	0.73	0.298	NA	3
<i>Fgl22</i>	0.832	0.6922654	0.664	0.8807522	0.826	0.319	NA	11
<i>Wnt11</i>	0.832	0.7448869	0.664	0.7065578	0.686	0.107	NA	11
<i>Ptpcap</i>	0.831	0.6768213	0.662	0.7288815	0.919	0.411	NA	2
<i>Plekhol</i>	0.831	0.687926	0.662	0.6615058	0.856	0.526	NA	5
<i>Gimap32</i>	0.831	1.1423079	0.662	1.3685282	0.902	0.517	NA	7
<i>Nasp</i>	0.831	0.5538359	0.662	0.5458242	0.918	0.415	NA	10
<i>Dnmt1</i>	0.831	0.6014877	0.662	0.5457093	0.849	0.397	NA	10
<i>Dapk1</i>	0.83	0.7119086	0.66	0.6899824	0.867	0.514	NA	5
<i>Ltb3</i>	0.83	1.22581	0.66	1.126956	0.937	0.579	NA	7
<i>Klrc11</i>	0.83	1.5841613	0.66	1.461632	0.663	0.058	NA	8

<i>Lckl</i>	0.83	1.3169708	0.66	1.2893904	0.728	0.255	NA	8
<i>Batf3l</i>	0.83	0.7440446	0.66	0.7624594	0.777	0.211	NA	11
<i>Lrgl</i>	0.829	0.8345437	0.658	0.8333227	0.966	0.552	NA	0
<i>Anxa1</i>	0.829	0.7257398	0.658	0.7465962	0.991	0.606	NA	0
<i>Blnk</i>	0.829	0.6615476	0.658	0.5699403	0.774	0.346	NA	2
<i>H2-Ab1l</i>	0.829	0.8674076	0.658	0.5352767	0.998	0.665	NA	3
<i>Pbk</i>	0.829	0.5600635	0.658	0.6123325	0.748	0.125	NA	10
<i>Il1rl1</i>	0.829	0.6360163	0.658	0.6017194	0.769	0.327	NA	11
<i>Olfm12</i>	0.829	0.9205046	0.658	0.8733453	0.812	0.365	NA	14
<i>Gpr18</i>	0.828	0.4586345	0.656	0.3674446	0.75	0.353	NA	3
<i>Chn2</i>	0.828	0.606098	0.656	0.6114213	0.707	0.204	NA	5
<i>Tmpo</i>	0.828	0.8483703	0.656	0.8481883	0.912	0.575	NA	10
<i>Mcm2</i>	0.828	0.5120099	0.656	0.4841897	0.824	0.417	NA	10
<i>Ciita1</i>	0.828	0.5506171	0.656	0.5228593	0.75	0.284	NA	14
<i>Amica1l</i>	0.828	0.5166991	0.656	0.4799825	0.75	0.336	NA	14
<i>S100a1</i>	0.827	0.5990936	0.654	0.5699577	0.97	0.576	NA	0
<i>Gm17056</i>	0.827	0.6189793	0.654	0.470173	0.818	0.466	NA	0
<i>Itpr1</i>	0.827	0.6021404	0.654	0.5406999	0.879	0.471	NA	3
<i>Gm11690</i>	0.827	0.3069378	0.654	0.2852822	0.678	0.22	NA	3
<i>Pfjcp</i>	0.827	0.6826267	0.654	0.6575224	0.831	0.49	NA	5
<i>Gzmb1</i>	0.827	1.5152447	0.654	1.4215359	0.634	0.061	NA	8
<i>Spc25</i>	0.827	0.4158035	0.654	0.4300603	0.792	0.333	NA	10
<i>Rora1</i>	0.827	0.6520202	0.654	0.5439697	0.783	0.265	NA	15
<i>Dusp53</i>	0.827	0.5295481	0.654	0.4257844	0.957	0.497	NA	15
<i>Emilin1</i>	0.826	0.5409188	0.652	0.5728506	0.914	0.436	NA	0
<i>Nt5e</i>	0.826	0.3554107	0.652	0.3273283	0.79	0.308	NA	0
<i>Pou2af1</i>	0.826	0.793701	0.652	0.7803824	0.88	0.447	NA	2
<i>Snn</i>	0.826	0.7853834	0.652	0.73257	0.841	0.404	NA	2
<i>Coro1a1</i>	0.826	0.8538033	0.652	0.6738188	0.998	0.592	NA	3
<i>Nr4a2</i>	0.826	0.8615188	0.652	0.9005083	0.779	0.334	NA	5
<i>Lck</i>	0.826	1.4177414	0.652	1.2234146	0.775	0.248	NA	7
<i>Tcf7</i>	0.826	0.9463311	0.652	0.983018	0.727	0.069	NA	7
<i>Cxcr42</i>	0.826	1.118257	0.652	1.0481224	0.757	0.334	NA	8
<i>Fgfr1</i>	0.825	0.7380286	0.65	0.6725506	0.992	0.562	NA	0
<i>Cd79a</i>	0.825	1.0429094	0.65	1.1201335	0.994	0.527	NA	2
<i>Plp2</i>	0.825	0.5367274	0.65	0.481474	0.83	0.484	NA	3
<i>4930523C07Rik2</i>	0.825	0.9386483	0.65	1.0939497	0.94	0.428	NA	4
<i>Gimap42</i>	0.825	1.0742523	0.65	1.088755	0.86	0.514	NA	7
<i>Ctsw</i>	0.825	0.6221944	0.65	0.5798199	0.673	0.11	NA	7
<i>Itgal</i>	0.825	1.2990072	0.65	1.3109146	0.757	0.362	NA	8
<i>Ptpcap4</i>	0.825	1.1080477	0.65	1.1091216	0.876	0.473	NA	8
<i>Gpr132l</i>	0.825	0.6695962	0.65	0.6350131	0.844	0.492	NA	14
<i>Gimap6</i>	0.824	0.7437409	0.648	0.7982549	0.96	0.626	NA	2
<i>Bcl11a1</i>	0.824	0.689401	0.648	0.6708228	0.873	0.426	NA	3
<i>Ptpcap2</i>	0.824	0.9416912	0.648	1.0657824	0.902	0.455	NA	4
<i>D16Ert472e</i>	0.824	1.0908262	0.648	1.0087601	0.673	0.323	NA	8
<i>Asf1b</i>	0.824	0.503294	0.648	0.5377687	0.792	0.241	NA	10
<i>Fcgr3</i>	0.823	0.7612858	0.646	0.7232669	0.999	0.552	NA	0
<i>Gatm</i>	0.823	0.7337355	0.646	0.6495722	0.866	0.496	NA	5
<i>Tbc1d10c</i>	0.822	0.5006952	0.644	0.416585	0.79	0.383	NA	3
<i>Tpx2</i>	0.822	0.5805315	0.644	0.6254003	0.774	0.247	NA	10
<i>Ltc4s1</i>	0.821	0.7809827	0.642	0.8328349	0.999	0.637	NA	1
<i>Prkar2b</i>	0.821	0.5016113	0.642	0.6282253	0.827	0.384	NA	3
<i>Ets1l</i>	0.821	0.5937727	0.642	0.4682144	0.957	0.442	NA	3
<i>Glpr2</i>	0.821	0.5771472	0.642	0.5788597	0.768	0.339	NA	5
<i>Ccdc34</i>	0.821	0.5099316	0.642	0.5340356	0.836	0.326	NA	10
<i>Ebfl</i>	0.82	0.671536	0.64	0.9302864	0.991	0.495	NA	2

<i>Nr4a3</i>	0.82	0.8375534	0.64	0.8628608	0.753	0.431	NA	5
<i>Itk</i>	0.82	1.0961168	0.64	1.0064564	0.689	0.063	NA	7
<i>Spc24</i>	0.82	0.7657822	0.64	0.8315115	0.78	0.201	NA	10
<i>Hjurp</i>	0.82	0.3394924	0.64	0.3746131	0.855	0.542	NA	10
<i>Shtn1</i>	0.82	0.6788763	0.64	0.5882817	0.802	0.385	NA	11
<i>Rfc41</i>	0.82	0.556413	0.64	0.5608109	0.773	0.297	NA	12
<i>Dnaje91</i>	0.819	0.5903162	0.638	0.6553529	0.887	0.472	NA	12
<i>Gsn2</i>	0.819	0.5309373	0.638	0.5715776	0.781	0.263	NA	14
<i>Plxdc2</i>	0.818	0.7370413	0.636	0.7874831	0.996	0.572	NA	0
<i>Man2b1</i>	0.818	0.669683	0.636	0.6866589	0.997	0.694	NA	0
<i>Dpep2</i>	0.818	0.6838596	0.636	0.6149327	0.987	0.564	NA	0
<i>Blk</i>	0.818	0.6806298	0.636	0.6737556	0.817	0.474	NA	2
<i>Coro1a2</i>	0.818	0.8863771	0.636	0.9298772	0.981	0.619	NA	4
<i>Cd83</i>	0.818	0.765722	0.636	0.6655072	0.926	0.616	NA	11
<i>Oxct1</i>	0.818	0.6238309	0.636	0.5150296	0.86	0.525	NA	11
<i>Ccnd2</i>	0.817	0.642805	0.634	0.812168	0.939	0.585	NA	3
<i>Gimap11</i>	0.817	0.4997375	0.634	0.4431733	0.866	0.424	NA	3
<i>2700094K13Rik</i>	0.817	0.6003051	0.634	0.6815875	0.956	0.578	NA	10
<i>Pttg1</i>	0.817	0.5472878	0.634	0.5465183	0.679	0.156	NA	10
<i>Cdc201</i>	0.817	0.4986863	0.634	0.4819107	0.629	0.179	NA	12
<i>Timp21</i>	0.816	0.7270647	0.632	0.8348986	1	0.696	NA	1
<i>Ikzf31</i>	0.816	0.6312809	0.632	0.4659074	0.787	0.313	NA	3
<i>Cd55</i>	0.816	1.275858	0.632	1.3174077	0.863	0.517	NA	4
<i>Daglb</i>	0.816	0.5472268	0.632	0.564613	0.766	0.404	NA	5
<i>H2afx</i>	0.816	1.2617254	0.632	1.2413883	0.784	0.402	NA	12
<i>Cdca7</i>	0.816	0.4119908	0.632	0.4393209	0.732	0.203	NA	12
<i>Cenpm1</i>	0.816	0.4270561	0.632	0.4117583	0.67	0.223	NA	12
<i>Ccl51</i>	0.816	0.7330115	0.632	0.5104519	0.87	0.469	NA	15
<i>Efnb2</i>	0.815	0.5259273	0.63	0.507749	0.915	0.506	NA	0
<i>Cplx2</i>	0.815	0.4685526	0.63	0.4843083	0.706	0.158	NA	3
<i>Prfl</i>	0.815	1.3671553	0.63	1.2920914	0.639	0.033	NA	8
<i>Ifitm2</i>	0.814	0.7896892	0.628	0.7315673	1	0.641	NA	0
<i>Il5ra1</i>	0.814	0.3551167	0.628	0.3017886	0.713	0.201	NA	3
<i>Cebpe</i>	0.814	0.5446178	0.628	0.4938931	0.61	0.077	NA	5
<i>Gatm1</i>	0.814	0.6007146	0.628	0.5793303	0.969	0.509	NA	10
<i>Dhrs3</i>	0.813	0.6032312	0.626	0.5043867	0.965	0.513	NA	0
<i>Tiam1</i>	0.813	0.6982239	0.626	0.6508181	0.812	0.458	NA	5
<i>Mis18bp1</i>	0.813	0.4121458	0.626	0.3977232	0.73	0.326	NA	10
<i>Tbc1d4</i>	0.813	0.4885317	0.626	0.4396823	0.688	0.308	NA	14
<i>Smpd13a</i>	0.812	0.7443189	0.624	0.7968205	1	0.697	NA	0
<i>Comt</i>	0.812	0.6060917	0.624	0.6097599	0.986	0.634	NA	0
<i>Maf</i>	0.812	0.531474	0.624	0.5243201	0.929	0.522	NA	1
<i>Sapcd11</i>	0.812	0.6609238	0.624	0.5725846	0.727	0.307	NA	4
<i>Aspa</i>	0.811	0.5701171	0.622	0.5240694	0.867	0.431	NA	0
<i>Cd274</i>	0.811	0.6768964	0.622	0.8183597	0.904	0.578	NA	3
<i>Card111</i>	0.811	0.4632821	0.622	0.3956424	0.766	0.31	NA	3
<i>Smc4</i>	0.811	0.8351469	0.622	0.8770913	0.937	0.619	NA	10
<i>Tgfb1</i>	0.811	0.7393727	0.622	0.7031415	0.956	0.591	NA	10
<i>Mbtid1</i>	0.811	0.7703861	0.622	0.7018081	0.81	0.463	NA	11
<i>Ltb4r12</i>	0.811	0.6879106	0.622	0.801721	0.75	0.23	NA	14
<i>Cd93</i>	0.81	0.6001334	0.62	0.6464126	0.94	0.413	NA	0
<i>Hp</i>	0.81	0.4609005	0.62	0.4210195	0.855	0.388	NA	0
<i>Zbtb32</i>	0.81	0.6734959	0.62	0.6817629	0.792	0.384	NA	2
<i>Bhlhe41</i>	0.81	0.5358169	0.62	0.595378	0.845	0.409	NA	3
<i>Adora2a</i>	0.81	0.3456027	0.62	0.2509534	0.634	0.297	NA	3
<i>H2-DMb22</i>	0.81	0.9338231	0.62	0.9233981	0.931	0.475	NA	4
<i>Furin</i>	0.81	0.5984535	0.62	0.6369498	0.805	0.463	NA	5

<i>Sema4a</i>	0.81	0.5228369	0.62	0.6134266	0.748	0.336	NA	5
<i>Ncapg</i>	0.81	0.2835349	0.62	0.3073561	0.686	0.073	NA	10
<i>Rnase6l</i>	0.81	0.8321806	0.62	0.836948	0.826	0.404	NA	11
<i>Upbl</i>	0.81	0.7293125	0.62	0.6951166	0.744	0.243	NA	11
<i>Timd4</i>	0.809	0.7288836	0.618	0.7700008	0.997	0.482	NA	0
<i>H2-Aa</i>	0.809	0.8815304	0.618	0.7670821	0.997	0.654	NA	2
<i>Abhd17b</i>	0.809	0.6415034	0.618	0.6242308	0.877	0.563	NA	2
<i>Rhoh1</i>	0.809	0.5010378	0.618	0.4173996	0.837	0.392	NA	3
<i>A530032D15Rik</i>	0.809	0.3802886	0.618	0.2881195	0.647	0.263	NA	3
<i>Ralgps22</i>	0.809	1.0429766	0.618	1.0232105	0.826	0.447	NA	4
<i>Fam129a</i>	0.809	0.5037067	0.618	0.5518334	0.727	0.23	NA	5
<i>Sh2d1a</i>	0.809	1.1676685	0.618	1.1513103	0.663	0.054	NA	8
<i>Celf4</i>	0.809	0.437432	0.618	0.444356	0.688	0.227	NA	14
<i>Gm4951</i>	0.808	0.4071792	0.616	0.2654819	0.763	0.284	NA	0
<i>Cacna1e</i>	0.808	0.5025652	0.616	0.4894828	0.802	0.436	NA	3
<i>Ifng</i>	0.808	0.6991297	0.616	0.7489339	0.67	0.045	NA	7
<i>Serpinc6b</i>	0.808	1.3197313	0.616	1.4646177	0.718	0.202	NA	8
<i>Cd23</i>	0.808	0.8988955	0.616	0.9859855	0.946	0.556	NA	8
<i>E2f8</i>	0.808	0.3656838	0.616	0.3538718	0.73	0.151	NA	10
<i>Ptgis</i>	0.807	0.7762084	0.614	0.9442872	0.967	0.477	NA	0
<i>Osm</i>	0.807	0.6882171	0.614	0.7241423	0.891	0.464	NA	0
<i>Ralgps2</i>	0.807	0.6596457	0.614	0.5770115	0.828	0.412	NA	2
<i>Ext1</i>	0.807	0.6425738	0.614	0.6965059	0.783	0.385	NA	5
<i>Rab27b</i>	0.807	0.7738002	0.614	0.832938	0.604	0.018	NA	8
<i>Ezh2</i>	0.807	0.7195862	0.614	0.6596356	0.763	0.403	NA	12
<i>Slbp</i>	0.807	0.6785731	0.614	0.6298127	0.835	0.403	NA	12
<i>Ikzf22</i>	0.807	0.6063841	0.614	0.4699593	0.652	0.172	NA	15
<i>Pf4</i>	0.806	0.9912621	0.612	0.9746314	0.992	0.593	NA	0
<i>Tgfb2</i>	0.806	0.7838618	0.612	0.9437981	0.997	0.545	NA	0
<i>Glb1</i>	0.806	0.52493	0.612	0.5332195	0.959	0.561	NA	0
<i>Stap12</i>	0.806	0.9969886	0.612	1.0355472	0.796	0.3	NA	4
<i>Coro2a</i>	0.806	0.4901167	0.612	0.4842528	0.635	0.28	NA	5
<i>Atp11b1</i>	0.806	1.2061944	0.612	1.2192932	0.777	0.456	NA	8
<i>Tpx21</i>	0.806	0.6714695	0.612	0.6449718	0.701	0.251	NA	12
<i>Cdc45l</i>	0.806	0.3591381	0.612	0.3471901	0.639	0.258	NA	12
<i>Il1a</i>	0.805	0.6533795	0.61	0.5390307	0.927	0.614	NA	0
<i>Ly6d1</i>	0.805	0.9384612	0.61	0.9251574	0.787	0.282	NA	4
<i>Gfra21</i>	0.805	0.3987897	0.61	0.3932305	0.719	0.334	NA	11
<i>2810417H13Rik1</i>	0.805	1.6036376	0.61	1.553615	0.68	0.172	NA	12
<i>Tubb4b</i>	0.805	0.9278336	0.61	1.0402738	0.928	0.603	NA	12
<i>Lmo4l</i>	0.804	0.5233004	0.608	0.6553859	0.802	0.471	NA	11
<i>Cd209c</i>	0.804	0.3186496	0.608	0.3238139	0.661	0.084	NA	11
<i>Il1r2</i>	0.804	0.4922916	0.608	0.4809048	0.656	0.185	NA	14
<i>Evi5</i>	0.803	0.6708669	0.606	0.6193858	0.943	0.567	NA	0
<i>Gimap6l</i>	0.803	0.6218473	0.606	0.5852215	0.975	0.631	NA	3
<i>Pik3ip1</i>	0.803	0.6137825	0.606	0.473008	0.713	0.239	NA	3
<i>Plcb1</i>	0.803	0.6348878	0.606	0.7317616	0.856	0.508	NA	5
<i>Ikzf4</i>	0.803	0.3225178	0.606	0.2713447	0.622	0.022	NA	7
<i>Adrbk2</i>	0.803	0.6137127	0.606	0.634511	0.678	0.108	NA	11
<i>Cenpw1</i>	0.803	0.63774	0.606	0.6232823	0.722	0.271	NA	12
<i>Creg1</i>	0.802	0.6312712	0.604	0.6361972	0.997	0.689	NA	0
<i>Smagp</i>	0.802	0.4400171	0.604	0.387814	0.871	0.522	NA	1
<i>Dusp10</i>	0.802	0.4327781	0.604	0.4168214	0.808	0.484	NA	3
<i>Sell2</i>	0.802	1.1317905	0.604	1.0411996	0.838	0.511	NA	4
<i>Bri3bp1</i>	0.802	0.5625256	0.604	0.523288	0.818	0.455	NA	11
<i>Cd226l</i>	0.802	0.3103406	0.604	0.3688839	0.719	0.177	NA	11
<i>Slfn5</i>	0.802	0.5161824	0.604	0.5123853	0.812	0.431	NA	14

<i>Adgre1</i>	0.801	0.7487894	0.602	0.920464	0.999	0.579	NA	0
<i>1810011O10Rik</i>	0.801	0.7919493	0.602	0.8250389	0.957	0.603	NA	0
<i>Ets1</i>	0.801	0.5011946	0.602	0.5719705	0.919	0.436	NA	2
<i>Bcl11a</i>	0.801	0.6449225	0.602	0.5116252	0.741	0.438	NA	2
<i>B3gnt5</i>	0.801	0.5525916	0.602	0.4808529	0.744	0.342	NA	3
<i>Rfc4</i>	0.801	0.3540523	0.602	0.3398558	0.742	0.295	NA	10
<i>Fcrls1</i>	0.801	0.816772	0.602	0.9240374	0.719	0.306	NA	11
<i>Rab11fip11</i>	0.801	0.53222	0.602	0.6211959	0.769	0.41	NA	11
<i>Cdca81</i>	0.801	0.6994715	0.602	0.6971675	0.67	0.268	NA	12
<i>Ncapd2</i>	0.801	0.4496533	0.602	0.4621258	0.701	0.289	NA	12
<i>Coro1a3</i>	0.8	0.701394	0.6	0.4050499	0.982	0.62	NA	5
<i>H2afv</i>	0.8	0.7928287	0.6	0.8136333	0.937	0.619	NA	10
<i>Igsf61</i>	0.8	0.6649554	0.6	0.6492339	0.938	0.579	NA	14
<i>Rab11fip12</i>	0.8	0.6036799	0.6	0.5906737	0.781	0.413	NA	14
<i>Ier3</i>	0.799	0.675221	0.598	1.015074	0.993	0.649	NA	0
<i>Pmp22</i>	0.799	0.6622127	0.598	0.7140836	0.992	0.539	NA	0
<i>Fam46a</i>	0.799	0.6674619	0.598	0.6222858	0.995	0.599	NA	0
<i>Fam20c</i>	0.799	0.5758532	0.598	0.5635934	0.959	0.483	NA	0
<i>Metrl</i>	0.799	0.6912817	0.598	0.5319856	0.981	0.613	NA	0
<i>Gimap3</i>	0.799	0.5110384	0.598	0.6490093	0.872	0.474	NA	2
<i>Mrc11</i>	0.799	1.1415463	0.598	1.1770061	0.81	0.462	NA	11
<i>Pak1</i>	0.799	0.7991827	0.598	0.7939775	0.711	0.345	NA	11
<i>Amical</i>	0.799	0.7637893	0.598	0.718919	0.727	0.333	NA	11
<i>Msr1</i>	0.798	0.6657462	0.596	0.6754938	0.997	0.572	NA	0
<i>Hk2</i>	0.798	0.5872878	0.596	0.4920432	0.907	0.575	NA	0
<i>Pilrb2</i>	0.798	0.4971928	0.596	0.4712399	0.904	0.416	NA	0
<i>Cdkn1a</i>	0.798	0.6866955	0.596	0.4346906	0.961	0.64	NA	0
<i>Nrp1</i>	0.798	0.4571011	0.596	0.4144238	0.816	0.396	NA	1
<i>Bcl2a1a1</i>	0.798	0.8613804	0.596	0.8455791	0.752	0.337	NA	11
<i>Kif231</i>	0.798	0.5481684	0.596	0.5517136	0.598	0.105	NA	12
<i>Phgdh2</i>	0.797	0.4644511	0.594	0.6059657	0.907	0.318	NA	12
<i>Rfc3</i>	0.797	0.3922945	0.594	0.3579843	0.66	0.227	NA	12
<i>Ccr3</i>	0.797	2.6896713	0.594	2.6687813	0.667	0.214	NA	13
<i>Txk2</i>	0.797	0.4389659	0.594	0.4027617	0.826	0.393	NA	15
<i>Lpl</i>	0.796	0.693961	0.592	0.6023534	0.931	0.537	NA	0
<i>Cd51l</i>	0.796	0.8491321	0.592	0.8019748	0.963	0.525	NA	1
<i>Serpnb6a1</i>	0.796	0.639678	0.592	0.5921768	0.971	0.595	NA	1
<i>Blvrb1</i>	0.796	0.5993664	0.592	0.5629544	0.983	0.647	NA	1
<i>Rdh12</i>	0.796	0.4003646	0.592	0.4763429	0.785	0.369	NA	3
<i>Il12a</i>	0.796	0.3852011	0.592	0.4219019	0.743	0.258	NA	3
<i>Ikezf2</i>	0.796	1.4871532	0.592	1.4232062	0.711	0.155	NA	7
<i>Klra3</i>	0.796	1.2880205	0.592	1.3332536	0.589	0.035	NA	8
<i>Cdk1</i>	0.796	0.8347393	0.592	0.8575492	0.78	0.268	NA	10
<i>Hells</i>	0.796	0.3752557	0.592	0.3987678	0.761	0.418	NA	10
<i>Cks2l</i>	0.796	0.8761958	0.592	0.8315281	0.753	0.385	NA	12
<i>Mcm4l</i>	0.796	0.4650491	0.592	0.4476196	0.742	0.346	NA	12
<i>Hells1</i>	0.796	0.4092859	0.592	0.3909961	0.753	0.42	NA	12
<i>Ablim1</i>	0.795	0.511168	0.59	0.518901	0.914	0.547	NA	3
<i>Diras2</i>	0.795	0.5717788	0.59	0.4868832	0.657	0.27	NA	3
<i>Rora</i>	0.795	1.5619828	0.59	1.4550725	0.692	0.252	NA	7
<i>Dna2</i>	0.795	0.4311352	0.59	0.418259	0.678	0.31	NA	11
<i>Racgap11</i>	0.795	0.6325776	0.59	0.5943843	0.701	0.318	NA	12
<i>Stab1</i>	0.794	0.4634616	0.588	0.4028259	0.84	0.45	NA	1
<i>Cxcr5</i>	0.794	0.4465233	0.588	0.478054	0.817	0.409	NA	3
<i>Lsr</i>	0.794	0.4817479	0.588	0.4267091	0.621	0.228	NA	5
<i>Hfe</i>	0.794	0.6986489	0.588	0.7107653	0.802	0.369	NA	11
<i>Smc21</i>	0.794	0.8681867	0.588	0.8270541	0.732	0.389	NA	12

<i>Hmgn21</i>	0.794	0.6196259	0.588	0.6782438	0.856	0.409	NA	12
<i>Tnfrsf181</i>	0.794	0.3495575	0.588	0.294404	0.609	0.127	NA	15
<i>Igsf8</i>	0.793	0.5082035	0.586	0.4534889	0.947	0.611	NA	0
<i>Ninj11</i>	0.793	0.6482483	0.586	0.7406085	0.995	0.663	NA	1
<i>Phgdh</i>	0.793	0.5317843	0.586	0.5464135	0.704	0.262	NA	2
<i>Ptp4a3</i>	0.793	0.5876197	0.586	0.5538537	0.874	0.573	NA	3
<i>Nr4a21</i>	0.793	0.8769861	0.586	0.8391029	0.785	0.353	NA	11
<i>Cfh</i>	0.792	0.637565	0.584	0.7534067	0.999	0.592	NA	0
<i>Padi4</i>	0.792	0.5630331	0.584	0.4341089	0.81	0.373	NA	0
<i>Msr11</i>	0.792	0.5807811	0.584	0.6083121	0.996	0.639	NA	1
<i>Sulf2</i>	0.792	0.6168263	0.584	0.6425126	0.719	0.282	NA	14
<i>C3ar1</i>	0.791	0.5569953	0.582	0.5266794	0.982	0.561	NA	0
<i>Fcgrt1</i>	0.791	0.5690677	0.582	0.6810326	0.994	0.659	NA	1
<i>Emp11</i>	0.791	0.6270469	0.582	0.657904	0.98	0.624	NA	1
<i>Dhfr</i>	0.791	0.4717005	0.582	0.4423946	0.723	0.319	NA	10
<i>Gpr132</i>	0.791	0.6378286	0.582	0.5861989	0.81	0.49	NA	11
<i>Sirpb1c</i>	0.791	0.3694354	0.582	0.3761281	0.628	0.16	NA	11
<i>Clspn1</i>	0.791	0.5282101	0.582	0.5300177	0.629	0.187	NA	12
<i>Tppp31</i>	0.791	0.4783245	0.582	0.4479781	0.625	0.252	NA	14
<i>Cd5l</i>	0.79	0.6657417	0.58	0.5882163	0.949	0.449	NA	0
<i>Mertk</i>	0.79	0.2667106	0.58	0.2646494	0.845	0.421	NA	0
<i>Pltp1</i>	0.79	0.6384824	0.58	0.7497587	0.998	0.648	NA	1
<i>Nfatc1</i>	0.79	0.6728718	0.58	0.6259616	0.782	0.472	NA	2
<i>Hmgn3</i>	0.79	0.3307157	0.58	0.3391182	0.684	0.294	NA	3
<i>Cxcr5</i>	0.79	0.3015175	0.58	0.2816088	0.648	0.235	NA	3
<i>Klri2</i>	0.79	0.9774385	0.58	1.0253545	0.594	0.015	NA	8
<i>Arl4c2</i>	0.79	0.9519929	0.58	0.948207	0.713	0.374	NA	8
<i>Eps81</i>	0.79	0.5809589	0.58	0.6179053	0.893	0.592	NA	11
<i>Cep551</i>	0.79	0.4539833	0.58	0.4606995	0.608	0.057	NA	12
<i>Fam129a2</i>	0.79	0.5287246	0.58	0.5754158	0.688	0.257	NA	14
<i>Alox5ap</i>	0.789	0.7169068	0.578	0.7514761	1	0.657	NA	0
<i>Maifb1</i>	0.789	0.5661032	0.578	0.6342029	0.983	0.577	NA	1
<i>Lmo4</i>	0.789	0.5345854	0.578	0.5724638	0.792	0.457	NA	5
<i>Klrg1</i>	0.789	0.7546338	0.578	0.7304342	0.545	0.024	NA	8
<i>Itgb71</i>	0.789	0.6964648	0.578	0.6677351	0.893	0.506	NA	11
<i>Coro1a5</i>	0.789	0.7554252	0.578	0.6303365	0.975	0.636	NA	11
<i>Ltc4s</i>	0.788	0.755737	0.576	0.783431	0.999	0.57	NA	0
<i>Sox5</i>	0.788	0.5028931	0.576	0.4800376	0.693	0.203	NA	3
<i>Satb1</i>	0.788	1.2343974	0.576	1.0486959	0.739	0.364	NA	4
<i>Fam107b</i>	0.788	0.9637098	0.576	0.9269808	0.844	0.54	NA	7
<i>2810417H13Rik</i>	0.788	1.4059198	0.576	1.3797327	0.73	0.168	NA	10
<i>Tmem176b1</i>	0.788	1.2384593	0.576	1.3284222	0.826	0.499	NA	11
<i>Col4a2</i>	0.788	0.2945411	0.576	0.3224415	0.587	0.01	NA	11
<i>Itgal2</i>	0.788	0.7751548	0.576	0.8345204	0.781	0.369	NA	14
<i>Lck2</i>	0.788	0.3050502	0.576	0.2990875	0.739	0.264	NA	15
<i>Gm20186</i>	0.787	0.5480599	0.574	0.5256821	0.834	0.487	NA	0
<i>Gimap1</i>	0.787	0.6415857	0.574	0.5575347	0.786	0.427	NA	2
<i>Ass1</i>	0.787	0.4595246	0.574	0.4577293	0.749	0.269	NA	3
<i>Traf1</i>	0.787	1.0191852	0.574	1.026806	0.819	0.516	NA	7
<i>Klrd1</i>	0.787	1.1952804	0.574	0.8944311	0.686	0.192	NA	7
<i>Cenpm</i>	0.787	0.4043551	0.574	0.4008445	0.679	0.22	NA	10
<i>Ckap21</i>	0.787	0.3748595	0.574	0.3678666	0.598	0.21	NA	12
<i>Plac83</i>	0.787	1.0223328	0.574	1.1503013	0.969	0.6	NA	14
<i>Tnfaip2</i>	0.786	0.5211798	0.572	0.5009239	0.886	0.484	NA	0
<i>Rab32</i>	0.786	0.418692	0.572	0.4385145	0.957	0.571	NA	0
<i>Calml4</i>	0.786	0.4663945	0.572	0.3999204	0.871	0.403	NA	1
<i>Tmpo2</i>	0.786	0.4915759	0.572	0.4907181	0.906	0.579	NA	14

<i>Clqb</i>	0.785	0.7728102	0.57	0.8423228	1	0.647	NA	0
<i>Plod3</i>	0.785	0.4792774	0.57	0.5841196	0.974	0.636	NA	0
<i>Fcrla</i>	0.785	0.6674181	0.57	0.6029321	0.822	0.468	NA	2
<i>Incenp</i>	0.785	0.6116727	0.57	0.5923775	0.799	0.413	NA	10
<i>Cysltr11</i>	0.785	0.6962631	0.57	0.6960485	0.835	0.441	NA	11
<i>Zbtb322</i>	0.785	0.4683923	0.57	0.5334509	0.897	0.436	NA	12
<i>Polal1</i>	0.785	0.2777219	0.57	0.2893965	0.629	0.233	NA	12
<i>Tmem176a1</i>	0.785	1.1810566	0.57	1.1880282	0.781	0.461	NA	14
<i>Clec4b12</i>	0.785	0.6172967	0.57	0.6581099	0.75	0.366	NA	14
<i>Pi16</i>	0.784	0.3987357	0.568	0.4166899	0.844	0.458	NA	0
<i>Fam20c1</i>	0.784	0.4775139	0.568	0.4631951	0.97	0.556	NA	1
<i>Gimap41</i>	0.784	0.5192001	0.568	0.4615012	0.887	0.476	NA	3
<i>Bcl2</i>	0.784	1.3225486	0.568	1.4199867	0.794	0.471	NA	7
<i>Cd247</i>	0.784	0.989976	0.568	0.9404212	0.673	0.017	NA	7
<i>Mad2l1</i>	0.784	0.3254866	0.568	0.3387281	0.686	0.252	NA	10
<i>Hist1h1b</i>	0.784	1.2313486	0.568	1.1791868	0.649	0.286	NA	12
<i>Klrk13</i>	0.784	0.3565602	0.568	0.2567353	0.783	0.314	NA	15
<i>Slpi</i>	0.783	1.6477011	0.566	1.3515463	0.854	0.539	NA	0
<i>Fam46c</i>	0.783	0.490349	0.566	0.4623771	0.735	0.416	NA	3
<i>Lmo71</i>	0.783	0.360419	0.566	0.397188	0.689	0.265	NA	3
<i>Arl4c1</i>	0.783	0.832341	0.566	0.7987596	0.781	0.368	NA	7
<i>Tyms</i>	0.783	0.6449692	0.566	0.6611756	0.761	0.33	NA	10
<i>Atp11b</i>	0.782	1.0005377	0.564	0.9021357	0.863	0.449	NA	7
<i>Ccnb11</i>	0.782	0.4993275	0.564	0.5002027	0.577	0.089	NA	12
<i>Rasa4</i>	0.782	0.4873181	0.564	0.4338192	0.75	0.418	NA	14
<i>Gngt2</i>	0.781	0.6368995	0.562	0.6625223	0.987	0.647	NA	0
<i>Cd302</i>	0.781	0.4011278	0.562	0.3772237	0.936	0.472	NA	0
<i>Arhgap18</i>	0.781	0.6183881	0.562	0.5827334	0.736	0.348	NA	11
<i>Ednrb</i>	0.78	0.7457648	0.56	0.809514	1	0.571	NA	0
<i>Cd681</i>	0.78	0.599445	0.56	0.6337808	0.993	0.671	NA	1
<i>Pmp221</i>	0.78	0.5957012	0.56	0.5476716	0.992	0.61	NA	1
<i>Hmox1</i>	0.78	0.5423528	0.56	0.489803	0.945	0.582	NA	1
<i>Gm43291</i>	0.78	0.6957913	0.56	0.7113721	0.691	0.204	NA	4
<i>Slc16a3</i>	0.78	0.4097726	0.56	0.4470322	0.661	0.311	NA	5
<i>Smad7</i>	0.78	0.6910416	0.56	0.7216266	0.702	0.262	NA	7
<i>Cxcr41</i>	0.78	0.4323337	0.56	0.5632262	0.806	0.327	NA	7
<i>Hacd41</i>	0.78	0.5374698	0.56	0.5376597	0.987	0.656	NA	10
<i>Ms4a13</i>	0.78	0.7156441	0.56	0.9627744	0.979	0.606	NA	12
<i>Shisa8</i>	0.78	0.2708617	0.56	0.2743298	0.649	0.153	NA	12
<i>Colec12</i>	0.779	0.4180311	0.558	0.3312871	0.904	0.543	NA	0
<i>Gm43603</i>	0.779	0.5492521	0.558	0.6402728	0.851	0.415	NA	2
<i>Fgl2</i>	0.779	0.3859073	0.558	0.4643884	0.66	0.28	NA	3
<i>Gusb2</i>	0.779	0.5048745	0.558	0.4933576	0.987	0.663	NA	10
<i>AF251705</i>	0.779	0.6144169	0.558	0.611257	0.62	0.157	NA	11
<i>Net1</i>	0.779	0.3450636	0.558	0.2947216	0.653	0.302	NA	11
<i>Hr1</i>	0.779	0.2718688	0.558	0.2720626	0.62	0.094	NA	11
<i>Lockd</i>	0.779	0.7069782	0.558	0.6983041	0.619	0.163	NA	12
<i>Cdca31</i>	0.779	0.6544181	0.558	0.6344637	0.629	0.16	NA	12
<i>Ptms1</i>	0.779	0.6680586	0.558	0.7585558	0.875	0.559	NA	14
<i>F13a1</i>	0.779	0.6663419	0.558	0.7267268	0.844	0.431	NA	14
<i>Irf7</i>	0.779	0.5643293	0.558	0.6036616	0.812	0.488	NA	14
<i>Khk</i>	0.778	0.5219593	0.556	0.6187123	0.91	0.458	NA	0
<i>Nlrp3</i>	0.778	0.4023899	0.556	0.5331163	0.929	0.592	NA	0
<i>Plscr1</i>	0.778	0.4401982	0.556	0.5682639	0.858	0.521	NA	3
<i>Erol1b1</i>	0.778	0.5167927	0.556	0.4480615	0.846	0.49	NA	3
<i>Xcl1</i>	0.778	0.3736463	0.556	0.296875	0.625	0.094	NA	7
<i>Cryl11</i>	0.778	0.5069644	0.556	0.4609403	0.962	0.59	NA	10

<i>Cdk11</i>	0.778	0.5518764	0.556	0.5358666	0.649	0.273	NA	12
<i>H2-DMb12</i>	0.778	0.8356449	0.556	0.8530429	0.812	0.373	NA	14
<i>Glipr11</i>	0.778	0.4597077	0.556	0.3849831	0.719	0.344	NA	14
<i>Tcn2</i>	0.777	0.612504	0.554	0.7481122	1	0.624	NA	0
<i>Engase</i>	0.777	0.3990446	0.554	0.4901826	0.941	0.537	NA	0
<i>Pf41</i>	0.777	0.7313566	0.554	0.8064696	0.986	0.657	NA	1
<i>Rabgap11</i>	0.777	0.616701	0.554	0.6909608	0.866	0.559	NA	2
<i>Card11</i>	0.777	0.4399166	0.554	0.4206984	0.663	0.316	NA	2
<i>Ms4a6b</i>	0.777	0.363574	0.554	0.2818171	0.831	0.489	NA	3
<i>Cd72</i>	0.777	0.6223433	0.554	0.6672774	0.668	0.291	NA	4
<i>Ptgs12</i>	0.777	0.5431968	0.554	0.5530055	0.987	0.643	NA	10
<i>Napsa2</i>	0.777	0.7290443	0.554	0.6505694	0.926	0.605	NA	11
<i>Glipr1</i>	0.777	0.4327955	0.554	0.3897212	0.678	0.341	NA	11
<i>Sdf211</i>	0.776	0.5469375	0.552	0.5267007	0.972	0.641	NA	0
<i>Itsn1</i>	0.776	0.4873995	0.552	0.4657973	0.96	0.527	NA	0
<i>Sp140</i>	0.776	0.5158077	0.552	0.5355399	0.92	0.613	NA	3
<i>Rabgap111</i>	0.776	0.4357416	0.552	0.4271036	0.885	0.564	NA	3
<i>Abca9</i>	0.776	0.5170236	0.552	0.5223358	0.75	0.368	NA	5
<i>Il18rap</i>	0.776	0.5988699	0.552	0.3871663	0.635	0.244	NA	7
<i>Ccna2</i>	0.776	0.763063	0.552	0.7636596	0.61	0.042	NA	10
<i>Ndnf1</i>	0.776	0.3037143	0.552	0.2529779	0.595	0.166	NA	11
<i>Plp21</i>	0.776	0.4561568	0.552	0.5238847	0.897	0.522	NA	12
<i>Cd3g1</i>	0.776	0.6056433	0.552	0.4305582	0.652	0.255	NA	15
<i>Ninj1</i>	0.775	0.6051905	0.55	0.659895	0.995	0.601	NA	0
<i>Ptpn22</i>	0.775	0.4712444	0.55	0.538562	0.898	0.578	NA	3
<i>Nfatc11</i>	0.775	0.4016672	0.55	0.3392979	0.82	0.474	NA	3
<i>Dut</i>	0.775	0.5965956	0.55	0.618827	0.786	0.354	NA	10
<i>Rab322</i>	0.775	0.5147875	0.55	0.4646737	0.981	0.68	NA	10
<i>Prc1</i>	0.775	0.6541146	0.55	0.6187868	0.629	0.185	NA	12
<i>Ung</i>	0.775	0.3822067	0.55	0.3664975	0.649	0.274	NA	12
<i>Fcgr1</i>	0.775	0.753875	0.55	0.6838217	0.75	0.422	NA	14
<i>Plin2</i>	0.774	0.5827801	0.548	0.6487981	0.993	0.593	NA	0
<i>Blvrb</i>	0.774	0.5228812	0.548	0.5026317	0.975	0.588	NA	0
<i>Idh2</i>	0.774	0.4713086	0.548	0.4607041	0.962	0.608	NA	10
<i>Cep55</i>	0.774	0.249548	0.548	0.2604212	0.579	0.054	NA	10
<i>Birc51</i>	0.774	1.1017153	0.548	1.0586782	0.619	0.085	NA	12
<i>Coro1a6</i>	0.774	0.6016974	0.548	0.7469661	1	0.637	NA	12
<i>Dnmt11</i>	0.774	0.560252	0.548	0.512386	0.753	0.401	NA	12
<i>C4b</i>	0.773	0.7105156	0.546	0.8826172	1	0.682	NA	0
<i>Pygl</i>	0.773	0.4931068	0.546	0.5946934	0.947	0.445	NA	0
<i>Cpq</i>	0.773	0.3705109	0.546	0.3857269	0.829	0.455	NA	0
<i>Trem2</i>	0.773	0.6106376	0.546	0.4846898	0.782	0.402	NA	1
<i>Alkbh1</i>	0.773	0.5045514	0.546	0.420983	0.811	0.438	NA	3
<i>Clec4a21</i>	0.773	0.871382	0.546	0.8017259	0.75	0.384	NA	14
<i>Ms4a8a</i>	0.772	0.4231005	0.544	0.4117618	0.952	0.542	NA	0
<i>Bcam</i>	0.772	0.2932544	0.544	0.3033341	0.849	0.393	NA	0
<i>AC125149.3</i>	0.772	0.3407673	0.544	0.3174065	0.718	0.393	NA	3
<i>Arl4c</i>	0.772	0.5120354	0.544	0.4755813	0.696	0.362	NA	5
<i>Selp1</i>	0.772	0.5783498	0.544	0.7409196	0.948	0.639	NA	6
<i>Socs1</i>	0.772	0.7210365	0.544	0.6697808	0.686	0.321	NA	7
<i>Pilra</i>	0.771	0.5057657	0.542	0.4631702	0.874	0.544	NA	0
<i>Rcn3</i>	0.771	0.2065513	0.542	0.2662498	0.76	0.341	NA	1
<i>Gm8369</i>	0.771	0.5454301	0.542	0.513885	0.805	0.446	NA	2
<i>Gata3</i>	0.771	1.4217155	0.542	1.2764812	0.622	0.015	NA	7
<i>Lat</i>	0.771	1.0744406	0.542	1.0383813	0.66	0.022	NA	7
<i>1700025G04Rik1</i>	0.771	0.6376206	0.542	0.7621566	0.589	0.171	NA	8
<i>Asf1b1</i>	0.771	0.5313147	0.542	0.5460584	0.649	0.246	NA	12

<i>Dtl</i>	0.771	0.4505874	0.542	0.4629947	0.649	0.21	NA	12
<i>Plxnd12</i>	0.771	0.4471298	0.542	0.449548	0.688	0.283	NA	14
<i>App</i>	0.77	0.6389592	0.54	0.6545007	1	0.654	NA	0
<i>Ptgs1</i>	0.77	0.5105909	0.54	0.6082046	0.98	0.51	NA	0
<i>Igsf6</i>	0.77	0.3758843	0.54	0.346492	0.858	0.463	NA	0
<i>Cd36</i>	0.77	0.4966964	0.54	0.6052371	0.985	0.579	NA	1
<i>Cd69</i>	0.77	0.5135845	0.54	0.5082873	0.842	0.538	NA	3
<i>Prkcq1</i>	0.77	1.0552722	0.54	1.0205275	0.644	0.269	NA	8
<i>Crtap1</i>	0.77	0.4252891	0.54	0.3925529	0.937	0.604	NA	10
<i>Gins2</i>	0.77	0.3259115	0.54	0.3225055	0.619	0.261	NA	12
<i>Btla</i>	0.769	0.4677394	0.538	0.5973755	0.698	0.292	NA	4
<i>St3gal6</i>	0.769	0.9552447	0.538	0.9100963	0.658	0.344	NA	8
<i>Dctpp1</i>	0.769	0.4731497	0.538	0.4009997	0.818	0.479	NA	10
<i>Hirip3l</i>	0.769	0.286151	0.538	0.3039779	0.67	0.336	NA	12
<i>Timeless</i>	0.769	0.293221	0.538	0.300516	0.629	0.256	NA	12
<i>Lsr1</i>	0.769	0.3980081	0.538	0.4144452	0.688	0.248	NA	14
<i>Nr4a22</i>	0.769	0.4366231	0.538	0.3923529	0.719	0.357	NA	14
<i>Ms4a6d</i>	0.768	0.3232717	0.536	0.2958797	0.867	0.449	NA	0
<i>Baiap2</i>	0.768	0.4066602	0.536	0.259035	0.788	0.47	NA	1
<i>Ltl1</i>	0.768	0.5753431	0.536	0.4231766	0.942	0.543	NA	3
<i>Cxcr4</i>	0.768	0.8683837	0.536	0.9670765	0.761	0.316	NA	4
<i>Ciita</i>	0.768	0.403874	0.536	0.3340661	0.656	0.262	NA	4
<i>Tppp3</i>	0.768	0.3979504	0.536	0.3608286	0.636	0.248	NA	11
<i>Csf1r</i>	0.767	0.4924622	0.534	0.5199984	0.996	0.592	NA	0
<i>Nxpe5</i>	0.767	0.3691553	0.534	0.3936986	0.887	0.465	NA	1
<i>Hepacam2</i>	0.767	0.465462	0.534	0.3912529	0.637	0.313	NA	5
<i>Satb11</i>	0.767	0.858952	0.534	0.9287589	0.749	0.374	NA	7
<i>Hirip3</i>	0.767	0.2863423	0.534	0.2787205	0.686	0.334	NA	10
<i>Bbc3</i>	0.767	0.361026	0.534	0.2876234	0.711	0.362	NA	11
<i>Shcbp1</i>	0.767	0.3764511	0.534	0.37533	0.474	0.053	NA	12
<i>St3gal5</i>	0.766	0.5238223	0.532	0.7068019	0.993	0.568	NA	0
<i>Cd2</i>	0.766	0.6150915	0.532	0.7593455	0.951	0.502	NA	2
<i>Ptprcap3</i>	0.766	0.7624113	0.532	0.9471121	0.895	0.468	NA	7
<i>Gm83692</i>	0.766	0.6625971	0.532	0.8167097	0.867	0.483	NA	7
<i>Rad51</i>	0.766	0.2590466	0.532	0.3026998	0.692	0.148	NA	10
<i>Tgfb1</i>	0.765	0.4492122	0.53	0.4328053	0.934	0.53	NA	1
<i>Sap30</i>	0.765	0.390211	0.53	0.3720628	0.908	0.57	NA	1
<i>Tnfrsf13c1</i>	0.765	0.4375084	0.53	0.353092	0.77	0.346	NA	3
<i>Cd93l</i>	0.765	0.5685614	0.53	0.7451579	0.874	0.554	NA	6
<i>Ncapg2</i>	0.765	0.3743799	0.53	0.4186328	0.711	0.177	NA	10
<i>Melk</i>	0.765	0.2294976	0.53	0.301986	0.597	0.028	NA	10
<i>Prim11</i>	0.765	0.423419	0.53	0.4754508	0.639	0.226	NA	12
<i>Cdca5</i>	0.765	0.2567061	0.53	0.2516726	0.608	0.249	NA	12
<i>Fabp7</i>	0.764	0.4721191	0.528	0.4876288	0.912	0.525	NA	0
<i>Col18a1</i>	0.764	0.3250479	0.528	0.3051581	0.741	0.312	NA	0
<i>Tcn21</i>	0.764	0.5577535	0.528	0.6949929	0.998	0.683	NA	1
<i>Ahnak2</i>	0.764	0.1917428	0.528	0.3138666	0.605	0.13	NA	3
<i>Cks2</i>	0.764	0.6512593	0.528	0.6889747	0.78	0.382	NA	10
<i>Cd36l</i>	0.764	0.4735987	0.528	0.5340989	0.981	0.641	NA	10
<i>F102</i>	0.764	0.5285655	0.528	0.4158418	0.957	0.592	NA	15
<i>Cd3d1</i>	0.764	0.4707174	0.528	0.4089332	0.565	0.125	NA	15
<i>Phgdh1</i>	0.763	0.3564041	0.526	0.3418262	0.752	0.266	NA	3
<i>Cd221</i>	0.763	0.8922952	0.526	0.7072297	0.773	0.433	NA	4
<i>Epb411l</i>	0.763	0.4952386	0.526	0.5199188	0.716	0.36	NA	5
<i>Cd68</i>	0.762	0.498062	0.524	0.478737	0.98	0.616	NA	0
<i>Lilrb4a</i>	0.762	0.4865078	0.524	0.4280968	0.979	0.671	NA	0
<i>Ctsl1</i>	0.762	0.5649003	0.524	0.6227852	0.998	0.691	NA	1

<i>Cln8</i>	0.762	0.3825231	0.524	0.2513699	0.764	0.422	NA	1
<i>Gimap31</i>	0.762	0.4100464	0.524	0.4517028	0.917	0.477	NA	3
<i>Ptprcap1</i>	0.762	0.4375919	0.524	0.4379105	0.926	0.421	NA	3
<i>Ms4a12</i>	0.762	0.598198	0.524	0.6709342	0.954	0.588	NA	4
<i>Lpar1</i>	0.762	0.5533649	0.524	0.5412186	0.691	0.303	NA	5
<i>Cd226</i>	0.762	0.427198	0.524	0.5115661	0.646	0.156	NA	5
<i>Scn1b</i>	0.761	0.4641269	0.522	0.514685	0.866	0.389	NA	0
<i>Cgnl1</i>	0.761	0.4013941	0.522	0.4463083	0.884	0.441	NA	0
<i>Ctsf</i>	0.761	0.3192827	0.522	0.3109082	0.831	0.464	NA	0
<i>Chst7</i>	0.761	0.4272881	0.522	0.3775929	0.586	0.167	NA	3
<i>Stap11</i>	0.761	0.4539984	0.522	0.3113551	0.71	0.278	NA	3
<i>Ccnd11</i>	0.761	0.5876217	0.522	0.5707203	0.925	0.57	NA	10
<i>Ccdc341</i>	0.761	0.4462349	0.522	0.433301	0.68	0.331	NA	12
<i>AW1120102</i>	0.761	0.5160706	0.522	0.5681588	0.739	0.413	NA	15
<i>Fcer1g</i>	0.76	0.5597692	0.52	0.5573544	1	0.63	NA	0
<i>Hacd4</i>	0.76	0.3822631	0.52	0.5413755	0.96	0.536	NA	0
<i>Igf1</i>	0.76	0.2895743	0.52	0.3723948	0.893	0.465	NA	0
<i>Ms4a4c</i>	0.76	0.8584242	0.52	0.7843833	0.68	0.238	NA	4
<i>Slamf6</i>	0.76	0.7079783	0.52	0.7835195	0.799	0.452	NA	4
<i>Lst1</i>	0.76	0.6339459	0.52	0.5670844	0.621	0.269	NA	5
<i>Cxcl16</i>	0.76	0.5753757	0.52	0.6015775	0.752	0.394	NA	11
<i>Spink2</i>	0.76	0.1335274	0.52	0.3053339	0.57	0.146	NA	11
<i>Nusap1</i>	0.76	0.920809	0.52	0.9123254	0.598	0.129	NA	12
<i>Hopx1</i>	0.76	0.3929119	0.52	0.4990378	0.781	0.442	NA	14
<i>Clqc</i>	0.759	0.6762019	0.518	0.8052666	1	0.649	NA	0
<i>Emilin2</i>	0.759	0.6246604	0.518	0.7950991	1	0.606	NA	0
<i>Fam213b</i>	0.759	0.4523626	0.518	0.4624057	0.84	0.473	NA	1
<i>Cdca8</i>	0.759	0.6079434	0.518	0.6272673	0.692	0.265	NA	10
<i>Cdc20</i>	0.759	0.4968106	0.518	0.5073679	0.648	0.175	NA	10
<i>Kif221</i>	0.759	0.3624742	0.518	0.3602107	0.526	0.18	NA	12
<i>Arl4c3</i>	0.759	0.7511972	0.518	0.7221113	0.719	0.38	NA	14
<i>P2ry61</i>	0.759	0.6897131	0.518	0.6832828	0.688	0.18	NA	14
<i>Gadd45a</i>	0.758	0.4123647	0.516	0.5906675	0.896	0.509	NA	0
<i>4930455G09Rik</i>	0.758	0.4654425	0.516	0.5213085	0.916	0.456	NA	0
<i>Bri3bp</i>	0.758	0.3622323	0.516	0.4051873	0.796	0.414	NA	3
<i>Dennd5b</i>	0.758	0.3186796	0.516	0.3046207	0.719	0.294	NA	3
<i>Fcrla2</i>	0.758	0.7910092	0.516	0.902311	0.83	0.497	NA	4
<i>Myof</i>	0.758	0.57195	0.516	0.6105019	0.818	0.507	NA	5
<i>Camk4</i>	0.758	0.889153	0.516	0.8176883	0.648	0.023	NA	7
<i>Osbpl3</i>	0.758	0.5286929	0.516	0.4237579	0.546	0.114	NA	7
<i>Ikzf21</i>	0.758	1.4599254	0.516	1.6241045	0.561	0.171	NA	13
<i>Anxa3</i>	0.757	0.4259668	0.514	0.481734	0.948	0.523	NA	0
<i>Cflar</i>	0.757	0.4793027	0.514	0.3365362	0.961	0.655	NA	0
<i>Ednrb1</i>	0.757	0.5751971	0.514	0.7354775	0.999	0.638	NA	1
<i>Icam21</i>	0.757	0.5720114	0.514	0.5780532	0.99	0.683	NA	1
<i>Spib</i>	0.757	0.6020568	0.514	0.5605957	0.785	0.392	NA	2
<i>Itga63</i>	0.757	0.6202788	0.514	0.5474529	1	0.653	NA	10
<i>Tyms1</i>	0.757	0.53101	0.514	0.5494845	0.649	0.334	NA	12
<i>Nkg72</i>	0.757	1.0976026	0.514	0.7055579	0.565	0.166	NA	15
<i>Maifb</i>	0.756	0.5957322	0.512	0.660956	0.972	0.507	NA	0
<i>Lgals3bp</i>	0.756	0.4863194	0.512	0.4913998	0.931	0.56	NA	0
<i>Ifnar2</i>	0.756	0.3990957	0.512	0.4538563	0.961	0.567	NA	0
<i>Serpina3g</i>	0.756	0.3107888	0.512	0.3101262	0.566	0.231	NA	2
<i>Tnfrsf13c2</i>	0.756	0.906116	0.512	1.0468406	0.787	0.372	NA	4
<i>Ctla4</i>	0.756	1.0887474	0.512	1.2743011	0.654	0.091	NA	7
<i>Napsa3</i>	0.756	0.5725753	0.512	0.8188538	0.969	0.605	NA	12
<i>11-Sep</i>	0.756	0.4347745	0.512	0.4470562	0.928	0.542	NA	12

<i>Clec4e</i>	0.755	0.5664922	0.51	0.5389769	0.965	0.645	NA	0
<i>Gusb</i>	0.755	0.4347022	0.51	0.4432955	0.961	0.545	NA	0
<i>Sult1a1</i>	0.755	0.3309007	0.51	0.3529452	0.753	0.315	NA	0
<i>Csflr1</i>	0.755	0.5071242	0.51	0.5705852	0.999	0.655	NA	1
<i>Rhoc</i>	0.755	0.3614882	0.51	0.3323141	0.843	0.439	NA	1
<i>Mertk1</i>	0.755	0.2876352	0.51	0.3272703	0.894	0.478	NA	1
<i>Gm15228</i>	0.755	0.4098866	0.51	0.4847597	0.746	0.228	NA	3
<i>Sell1</i>	0.755	0.3138485	0.51	0.2651207	0.847	0.487	NA	3
<i>Cx3cr1</i>	0.755	0.5473971	0.51	0.488357	0.54	0.163	NA	5
<i>Kif22</i>	0.755	0.3491375	0.51	0.3734434	0.604	0.176	NA	10
<i>Anpep</i>	0.755	0.2835562	0.51	0.3728852	0.603	0.216	NA	11
<i>Prosl</i>	0.754	0.3432053	0.508	0.4292856	0.946	0.555	NA	0
<i>Arg11</i>	0.754	0.7695519	0.508	0.7053786	0.895	0.538	NA	1
<i>Gsn</i>	0.754	0.5171606	0.508	0.5126503	0.643	0.242	NA	5
<i>Bcl11b</i>	0.754	1.190134	0.508	1.1480681	0.689	0.055	NA	7
<i>Fgl21</i>	0.754	0.6172134	0.508	0.8912251	0.624	0.319	NA	8
<i>P2ry10</i>	0.754	0.2428935	0.508	0.3877256	0.818	0.445	NA	11
<i>Kif111</i>	0.754	0.5347891	0.508	0.5157094	0.619	0.176	NA	12
<i>Vcan</i>	0.754	0.4930165	0.508	0.4735185	0.625	0.263	NA	14
<i>Itsn11</i>	0.753	0.4007673	0.506	0.4768982	0.983	0.59	NA	1
<i>Lgals3bp1</i>	0.753	0.4514584	0.506	0.4317128	0.955	0.613	NA	1
<i>Stap1</i>	0.753	0.5582811	0.506	0.4032978	0.651	0.278	NA	2
<i>Itgb7</i>	0.753	0.4584841	0.506	0.3322401	0.802	0.472	NA	3
<i>Ccr21</i>	0.753	0.7936282	0.506	0.5720589	0.708	0.319	NA	7
<i>Fam198b</i>	0.753	0.2398377	0.506	0.2507047	0.786	0.378	NA	10
<i>Plk2</i>	0.752	0.6342294	0.504	0.7503004	0.987	0.668	NA	0
<i>Adam151</i>	0.752	0.4198825	0.504	0.4429013	0.981	0.677	NA	1
<i>Pecam1</i>	0.752	0.4788391	0.504	0.4273169	0.75	0.435	NA	3
<i>Rnase6</i>	0.752	0.4556645	0.504	0.4161504	0.769	0.361	NA	3
<i>Ezh21</i>	0.752	0.4255755	0.504	0.457494	0.83	0.4	NA	10
<i>Colec122</i>	0.752	0.3435456	0.504	0.3069392	0.95	0.645	NA	10
<i>Cit</i>	0.752	0.4798706	0.504	0.4789251	0.619	0.247	NA	12
<i>Ndc80</i>	0.752	0.4135278	0.504	0.422796	0.619	0.188	NA	12
<i>Coro2a1</i>	0.752	0.2864124	0.504	0.3036419	0.656	0.298	NA	14
<i>Lgmn</i>	0.751	0.3831048	0.502	0.6359642	0.995	0.557	NA	0
<i>Klf9</i>	0.751	0.4567993	0.502	0.4391044	0.916	0.582	NA	0
<i>Cald1</i>	0.751	0.3583299	0.502	0.3294867	0.886	0.422	NA	1
<i>Lmo7</i>	0.751	0.526574	0.502	0.5787536	0.636	0.264	NA	2
<i>Foxm1</i>	0.751	0.2896633	0.502	0.2868868	0.66	0.207	NA	10
<i>Fyn1</i>	0.751	0.480954	0.502	0.4336653	0.744	0.427	NA	11
<i>Itgal1</i>	0.751	0.4029379	0.502	0.3384396	0.702	0.366	NA	11
<i>Blk2</i>	0.751	0.428518	0.502	0.4983155	0.938	0.517	NA	12
<i>Gusb1</i>	0.75	0.3619315	0.5	0.3915379	0.968	0.609	NA	1
<i>Fcrl1</i>	0.75	0.269583	0.5	0.3681941	0.618	0.307	NA	2
<i>Klrk12</i>	0.75	0.5483662	0.5	0.4045842	0.636	0.311	NA	11
<i>Glpr21</i>	0.75	0.3410645	0.5	0.3666001	0.719	0.358	NA	11
<i>Gda</i>	0.749	0.4970127	0.498	0.5129051	0.998	0.646	NA	0
<i>Cebpa</i>	0.749	0.5223086	0.498	0.3589015	0.76	0.395	NA	0
<i>Card191</i>	0.749	0.4304486	0.498	0.4552421	0.977	0.675	NA	1
<i>Parp1</i>	0.749	0.4534701	0.498	0.4031494	0.795	0.481	NA	3
<i>H2-DMb23</i>	0.749	0.3192702	0.498	0.3629693	0.91	0.479	NA	5
<i>Fyn</i>	0.749	1.3095783	0.498	1.3828521	0.743	0.424	NA	8
<i>Rad51ap1</i>	0.749	0.2965587	0.498	0.3216281	0.648	0.078	NA	10
<i>Avp11</i>	0.749	0.5935657	0.498	0.7099156	0.76	0.393	NA	11
<i>Bhlhe411</i>	0.749	0.31633	0.498	0.4014913	0.856	0.457	NA	12
<i>Plin21</i>	0.748	0.5007867	0.496	0.5900179	0.994	0.655	NA	1
<i>Klrk1</i>	0.748	0.662049	0.496	0.589127	0.654	0.304	NA	7

<i>Lmo1</i>	0.748	0.5762187	0.496	0.6260507	0.661	0.145	NA	11
<i>Pmf12</i>	0.748	0.3237685	0.496	0.3914106	0.897	0.43	NA	12
<i>Fbxo5</i>	0.748	0.3115719	0.496	0.3174659	0.515	0.192	NA	12
<i>Pim3</i>	0.748	0.7417583	0.496	0.7138873	0.844	0.503	NA	14
<i>Igf1l</i>	0.747	0.4398823	0.494	0.5889301	0.933	0.525	NA	1
<i>Cd281</i>	0.747	1.0832056	0.494	1.071147	0.594	0.206	NA	8
<i>Timd43</i>	0.747	0.5475899	0.494	0.4538623	0.994	0.628	NA	10
<i>Sgol1</i>	0.747	0.2366306	0.494	0.2571554	0.585	0.067	NA	10
<i>Mxd3</i>	0.747	0.3628471	0.494	0.3571138	0.495	0.009	NA	12
<i>Arl5c1</i>	0.747	0.5662691	0.494	0.6211685	0.688	0.348	NA	14
<i>Cryl1</i>	0.746	0.4147844	0.492	0.4643308	0.898	0.469	NA	0
<i>Ero1lb</i>	0.746	0.5601991	0.492	0.5643506	0.805	0.489	NA	2
<i>Pik3c2b</i>	0.746	0.3283167	0.492	0.3241271	0.654	0.269	NA	3
<i>Hr</i>	0.746	0.4434358	0.492	0.4613329	0.573	0.073	NA	5
<i>Diaph3</i>	0.746	0.3222365	0.492	0.3528425	0.642	0.277	NA	10
<i>Csrp1</i>	0.746	0.3258785	0.492	0.2784998	0.588	0.273	NA	12
<i>Slc11a11</i>	0.745	0.399534	0.49	0.4961427	0.94	0.556	NA	1
<i>Bcam1</i>	0.745	0.3686749	0.49	0.3219236	0.873	0.46	NA	1
<i>Serpina3g1</i>	0.745	0.1789018	0.49	0.2986057	0.648	0.227	NA	3
<i>Kazald1</i>	0.745	0.5194839	0.49	0.4667097	0.523	0.146	NA	5
<i>Prim1</i>	0.745	0.2248969	0.49	0.2762011	0.654	0.223	NA	10
<i>St3gal52</i>	0.745	0.5228008	0.49	0.5450046	1	0.693	NA	15
<i>Ifitm61</i>	0.744	0.4103655	0.488	0.3022328	0.968	0.624	NA	1
<i>Pmf1</i>	0.744	0.5184634	0.488	0.5335567	0.736	0.386	NA	2
<i>Birc5</i>	0.744	1.226874	0.488	1.273767	0.635	0.081	NA	10
<i>Tacc3</i>	0.744	0.3733409	0.488	0.3721545	0.66	0.311	NA	10
<i>Bub1</i>	0.744	0.2504226	0.488	0.3102348	0.553	0.113	NA	10
<i>Ccna21</i>	0.744	0.6843712	0.488	0.6612349	0.515	0.047	NA	12
<i>Gm26532</i>	0.743	0.3340666	0.486	0.5610984	0.854	0.47	NA	3
<i>Mcm6</i>	0.743	0.5366163	0.486	0.5162271	0.692	0.324	NA	10
<i>Clspn</i>	0.743	0.3563752	0.486	0.3821129	0.642	0.184	NA	10
<i>Rmi2</i>	0.743	0.3596789	0.486	0.3466613	0.598	0.159	NA	12
<i>Serpinb8</i>	0.742	0.3150463	0.484	0.285113	0.774	0.38	NA	0
<i>Rab11fip5</i>	0.742	0.3739156	0.484	0.3569467	0.825	0.468	NA	1
<i>Mdm1</i>	0.742	0.2776514	0.484	0.2765714	0.833	0.522	NA	1
<i>Timd42</i>	0.742	0.5163141	0.484	0.5755635	0.935	0.619	NA	6
<i>Dnajc9</i>	0.742	0.2320586	0.484	0.3369767	0.893	0.469	NA	10
<i>Atp8b4</i>	0.742	0.2745892	0.484	0.2865057	0.653	0.278	NA	11
<i>Camk1</i>	0.741	0.3064136	0.482	0.3525765	0.856	0.465	NA	0
<i>Lman1</i>	0.741	0.3491842	0.482	0.3154988	0.892	0.554	NA	0
<i>Emilin21</i>	0.741	0.5495383	0.482	0.6066618	0.999	0.668	NA	1
<i>Cd3021</i>	0.741	0.4433359	0.482	0.4484519	0.961	0.54	NA	1
<i>Gzmb</i>	0.741	0.5771483	0.482	0.4553267	0.629	0.054	NA	7
<i>Sh2d2a1</i>	0.741	1.1951982	0.482	1.2417573	0.634	0.201	NA	8
<i>Ifit2</i>	0.741	0.4124156	0.482	0.3754596	0.562	0.207	NA	11
<i>Al607873</i>	0.74	0.3056507	0.48	0.3308915	0.882	0.509	NA	1
<i>Sapcd1</i>	0.74	0.4638287	0.48	0.379284	0.606	0.288	NA	2
<i>Dapl1</i>	0.74	0.2643612	0.48	0.3526715	0.565	0	NA	7
<i>Gata31</i>	0.74	0.5773508	0.48	0.7213062	0.515	0.025	NA	8
<i>Phactr3</i>	0.74	0.5524682	0.48	0.5384819	0.446	0.002	NA	8
<i>Serpinb9b</i>	0.74	0.4221828	0.48	0.5346758	0.455	0.006	NA	8
<i>Aurkb</i>	0.74	0.5047664	0.48	0.4743477	0.704	0.359	NA	10
<i>Ppfibp1</i>	0.74	0.410636	0.48	0.3789837	0.912	0.523	NA	10
<i>Ncaph</i>	0.74	0.2266489	0.48	0.2906214	0.635	0.183	NA	10
<i>Ms4a4c1</i>	0.74	0.8245116	0.48	0.790659	0.661	0.259	NA	11
<i>Itsn12</i>	0.74	0.3726884	0.48	0.3679338	0.957	0.654	NA	15
<i>Fcna</i>	0.739	0.4123715	0.478	0.4272095	0.995	0.597	NA	0

<i>Gm16104</i>	0.739	0.3450028	0.478	0.3277053	0.71	0.35	NA	0
<i>Ikzf3</i>	0.739	0.4916602	0.478	0.4526384	0.663	0.322	NA	2
<i>Twsg1</i>	0.739	0.3943917	0.478	0.4087256	0.709	0.311	NA	3
<i>Slamf61</i>	0.739	0.7170783	0.478	0.9038011	0.835	0.46	NA	7
<i>Crtap</i>	0.738	0.1923237	0.476	0.2587924	0.847	0.509	NA	0
<i>Lyve1</i>	0.738	0.4153457	0.476	0.4819263	0.694	0.285	NA	1
<i>4930455G09Rik1</i>	0.738	0.4443407	0.476	0.3890053	0.921	0.527	NA	1
<i>Sbkl</i>	0.738	0.424308	0.476	0.4413375	0.747	0.417	NA	3
<i>Hepacam21</i>	0.738	0.3749973	0.476	0.37076	0.711	0.326	NA	11
<i>Prtn3</i>	0.737	0.5161748	0.474	0.6402942	0.791	0.309	NA	0
<i>Emp1</i>	0.737	0.3830987	0.474	0.3755899	0.952	0.569	NA	0
<i>Ifitm6</i>	0.737	0.4719838	0.474	0.3672977	0.961	0.563	NA	0
<i>Ptpn14</i>	0.737	0.3203687	0.474	0.2570736	0.567	0.093	NA	4
<i>Ezh2</i>	0.737	0.4208089	0.474	0.3890252	0.698	0.397	NA	7
<i>Nfic</i>	0.737	0.4014037	0.474	0.3500342	0.912	0.571	NA	10
<i>Cbx5</i>	0.737	0.3082405	0.474	0.2920974	0.748	0.361	NA	10
<i>Sell</i>	0.736	0.2945057	0.472	0.4187176	0.811	0.485	NA	2
<i>Sik1</i>	0.736	0.3689469	0.472	0.5120402	0.816	0.413	NA	3
<i>01-Sep</i>	0.736	0.261272	0.472	0.4402802	0.846	0.505	NA	3
<i>Cd3022</i>	0.736	0.3646079	0.472	0.2634134	0.943	0.604	NA	10
<i>Ptug11</i>	0.736	0.4937549	0.472	0.4394572	0.495	0.162	NA	12
<i>Casc5</i>	0.736	0.3931006	0.472	0.3844362	0.546	0.119	NA	12
<i>Batf32</i>	0.736	0.7081601	0.472	0.6934786	0.625	0.217	NA	14
<i>Pltp</i>	0.735	0.4924271	0.47	0.3954039	0.999	0.583	NA	0
<i>Fcgr31</i>	0.735	0.5217049	0.47	0.5575643	0.998	0.623	NA	1
<i>Themis</i>	0.735	0.3797984	0.47	0.3664115	0.559	0.002	NA	7
<i>Klrc1</i>	0.735	0.520684	0.47	0.3164838	0.556	0.055	NA	7
<i>Pcna</i>	0.735	0.481995	0.47	0.4239101	0.736	0.381	NA	10
<i>Clec5a</i>	0.735	0.2475413	0.47	0.2699018	0.767	0.335	NA	10
<i>C5ar1</i>	0.734	0.388387	0.468	0.4994947	0.96	0.574	NA	0
<i>Nupr11</i>	0.734	0.4151561	0.468	0.5179776	0.984	0.555	NA	1
<i>Plxnb2</i>	0.734	0.3365129	0.468	0.3309523	0.969	0.647	NA	10
<i>Dsccl</i>	0.734	0.230621	0.468	0.2511534	0.526	0.097	NA	12
<i>Osm1</i>	0.734	0.5818727	0.468	0.5797741	0.957	0.589	NA	15
<i>Fcer1gl</i>	0.733	0.4588475	0.466	0.5329128	0.998	0.688	NA	1
<i>Spib2</i>	0.733	0.7029597	0.466	0.7017804	0.753	0.427	NA	4
<i>Cd512</i>	0.733	0.5046119	0.466	0.5575667	0.904	0.582	NA	6
<i>Sh2d2a</i>	0.733	0.6347813	0.466	0.65904	0.632	0.196	NA	7
<i>Ifit21</i>	0.733	0.415315	0.466	0.4201895	0.562	0.21	NA	14
<i>Fcgrt</i>	0.732	0.4463709	0.464	0.5219344	0.99	0.599	NA	0
<i>Lgals3</i>	0.732	0.4744584	0.464	0.3764635	0.991	0.659	NA	0
<i>Dab2</i>	0.732	0.4203042	0.464	0.4628409	0.98	0.659	NA	1
<i>Fscn1</i>	0.732	0.1310875	0.464	0.2536292	0.727	0.279	NA	1
<i>Hmmr</i>	0.732	0.5276511	0.464	0.5823422	0.528	0.033	NA	10
<i>Pilrb21</i>	0.732	0.3560876	0.464	0.2934315	0.931	0.554	NA	10
<i>Pianp</i>	0.732	0.3577845	0.464	0.3719685	0.727	0.398	NA	11
<i>Spc241</i>	0.732	0.6896186	0.464	0.6622267	0.567	0.207	NA	12
<i>Fgd4</i>	0.731	0.3338193	0.462	0.2893489	0.854	0.466	NA	0
<i>Fpr2</i>	0.731	0.2665314	0.462	0.2516169	0.727	0.314	NA	0
<i>Lgmn2</i>	0.731	0.558586	0.462	0.4868412	1	0.681	NA	10
<i>Tmem141</i>	0.73	0.3442765	0.46	0.3224011	0.829	0.521	NA	1
<i>F101</i>	0.73	0.4683025	0.46	0.4551405	0.962	0.587	NA	10
<i>Mcemp11</i>	0.73	0.404108	0.46	0.3530978	0.994	0.682	NA	10
<i>Cdc45</i>	0.73	0.2324025	0.46	0.2647412	0.66	0.255	NA	10
<i>Fcgr4</i>	0.73	0.4842106	0.46	0.4773039	0.688	0.383	NA	14
<i>Serpinb101</i>	0.73	0.2907243	0.46	0.32649	0.913	0.45	NA	15
<i>Rab20</i>	0.729	0.3941414	0.458	0.3646663	0.877	0.552	NA	0

<i>Lrp11</i>	0.729	0.4215769	0.458	0.4134897	0.973	0.642	NA	1
<i>S100a11</i>	0.729	0.3772562	0.458	0.3949159	0.97	0.638	NA	1
<i>Lef1</i>	0.729	0.798889	0.458	0.8724893	0.59	0.102	NA	7
<i>Slc27a3</i>	0.729	0.3644717	0.458	0.3300724	0.587	0.228	NA	11
<i>Lrp1</i>	0.728	0.3564547	0.456	0.4723793	0.964	0.584	NA	0
<i>Ifitm21</i>	0.728	0.5189959	0.456	0.5916753	0.999	0.698	NA	1
<i>Fam46a1</i>	0.728	0.4285266	0.456	0.5044353	0.996	0.661	NA	1
<i>Cntm3</i>	0.728	0.3021884	0.456	0.2703205	0.829	0.506	NA	1
<i>Nid1</i>	0.728	0.4162939	0.456	0.505236	0.637	0.299	NA	2
<i>Esco2</i>	0.728	0.3805042	0.456	0.379405	0.516	0.061	NA	10
<i>Raph1</i>	0.728	0.2483769	0.456	0.2672263	0.83	0.461	NA	10
<i>H2-DMb24</i>	0.728	0.423218	0.456	0.4954092	0.901	0.497	NA	11
<i>Ccl22</i>	0.728	0.327969	0.456	0.3389417	0.504	0.008	NA	11
<i>Ly6d2</i>	0.728	0.5252413	0.456	0.672637	0.784	0.307	NA	12
<i>Baiap21</i>	0.728	0.3067826	0.456	0.2870032	0.87	0.522	NA	15
<i>Colec12l</i>	0.727	0.3253746	0.454	0.323648	0.928	0.595	NA	1
<i>Tnfrsf13c</i>	0.727	0.545653	0.454	0.5689341	0.738	0.341	NA	2
<i>Cd27</i>	0.727	0.9212405	0.454	0.9325767	0.651	0.264	NA	7
<i>Hist1h2ap</i>	0.727	0.73658	0.454	0.6982288	0.485	0.144	NA	12
<i>Esco2l</i>	0.727	0.4333488	0.454	0.4313116	0.485	0.065	NA	12
<i>Rad51l</i>	0.727	0.3285463	0.454	0.3194021	0.567	0.152	NA	12
<i>Ankrd33b</i>	0.726	0.4232435	0.452	0.4431776	0.925	0.615	NA	0
<i>Lgmn1</i>	0.726	0.4313735	0.452	0.6206097	0.995	0.626	NA	1
<i>Rhoh</i>	0.726	0.4623117	0.452	0.4033019	0.71	0.403	NA	2
<i>Slco3a1</i>	0.726	0.3359924	0.452	0.4738067	0.565	0.043	NA	7
<i>Kif11</i>	0.726	0.5900112	0.452	0.5805582	0.654	0.173	NA	10
<i>Axl</i>	0.726	0.3088106	0.452	0.3141766	0.603	0.23	NA	11
<i>Aldh1a21</i>	0.726	0.2734522	0.452	0.2601838	0.57	0.176	NA	11
<i>Plac82</i>	0.726	0.5709536	0.452	0.9178303	1	0.597	NA	12
<i>Klrd12</i>	0.726	0.2516165	0.452	0.2749598	0.609	0.207	NA	15
<i>Csf3r</i>	0.725	0.306449	0.45	0.2559404	0.746	0.408	NA	0
<i>Idh11</i>	0.725	0.3118872	0.45	0.4440673	0.96	0.597	NA	1
<i>Ms4a6d1</i>	0.725	0.2704098	0.45	0.329337	0.905	0.507	NA	1
<i>Foxp3</i>	0.725	0.8629082	0.45	0.7703819	0.521	0.027	NA	7
<i>Cenpf</i>	0.725	0.8429687	0.45	0.9234622	0.616	0.191	NA	10
<i>Ramp1</i>	0.725	0.5559912	0.45	0.5153548	0.595	0.114	NA	11
<i>Cd282</i>	0.725	0.297653	0.45	0.3660019	0.565	0.213	NA	15
<i>St3gal5l</i>	0.724	0.379549	0.448	0.4355177	0.989	0.636	NA	1
<i>Prosl2</i>	0.724	0.3014182	0.448	0.3080573	0.975	0.665	NA	10
<i>Ext11</i>	0.724	0.4238967	0.448	0.4621098	0.711	0.403	NA	11
<i>Tnfaip21</i>	0.723	0.4026349	0.446	0.392447	0.918	0.541	NA	1
<i>Prosl1</i>	0.723	0.2621519	0.446	0.3410052	0.956	0.614	NA	1
<i>Gfra2</i>	0.723	0.4832359	0.446	0.4871369	0.641	0.321	NA	5
<i>Kif23</i>	0.723	0.5046638	0.446	0.526099	0.566	0.102	NA	10
<i>Arg12</i>	0.723	0.5764283	0.446	0.4603589	0.906	0.592	NA	10
<i>Cenpw</i>	0.723	0.3477016	0.446	0.443162	0.711	0.268	NA	10
<i>Ptgis1</i>	0.723	0.485838	0.446	0.4060539	0.969	0.616	NA	10
<i>Arg1</i>	0.722	0.4939426	0.444	0.5744362	0.87	0.483	NA	0
<i>Irf4</i>	0.722	0.3484985	0.444	0.5147337	0.754	0.408	NA	2
<i>Mzb12</i>	0.722	0.4935351	0.444	0.6313171	0.871	0.459	NA	4
<i>1700025G04Rik</i>	0.722	0.4409742	0.444	0.407304	0.541	0.159	NA	5
<i>Gimap12</i>	0.722	0.6529269	0.444	0.7425882	0.797	0.466	NA	7
<i>Cd932</i>	0.722	0.4306953	0.444	0.4660121	0.957	0.568	NA	15
<i>Xdh</i>	0.721	0.2642597	0.442	0.2970541	0.885	0.528	NA	1
<i>Ear2</i>	0.721	0.5358844	0.442	0.7054138	0.552	0.086	NA	5
<i>Ptgis2</i>	0.721	0.3879674	0.442	0.39026	1	0.621	NA	15
<i>Adam15</i>	0.72	0.3352274	0.44	0.3484345	0.974	0.623	NA	0

<i>Coro1a4</i>	0.72	0.5714274	0.44	0.7010256	0.965	0.629	NA	7
<i>Bcam2</i>	0.72	0.3313977	0.44	0.2713556	0.843	0.523	NA	10
<i>P2ry6</i>	0.72	0.251403	0.44	0.2908977	0.603	0.176	NA	11
<i>Tk1</i>	0.72	0.2897523	0.44	0.3000387	0.495	0.129	NA	12
<i>Rgl1</i>	0.72	0.335143	0.44	0.2930716	0.719	0.357	NA	14
<i>Ctla2a1</i>	0.72	0.471513	0.44	0.4826438	0.652	0.257	NA	15
<i>Bst11</i>	0.719	0.2729316	0.438	0.3806005	0.949	0.641	NA	1
<i>Fcmmr2</i>	0.719	0.4073176	0.438	0.5886313	0.887	0.462	NA	12
<i>Mmp8</i>	0.719	0.3028858	0.438	0.3017001	0.562	0.148	NA	14
<i>Ccnd1</i>	0.718	0.3196677	0.436	0.2785643	0.84	0.523	NA	1
<i>Arhgap31</i>	0.718	0.2145463	0.436	0.2558465	0.826	0.453	NA	1
<i>Rab323</i>	0.718	0.3171779	0.436	0.3052591	1	0.684	NA	15
<i>Slc11a1</i>	0.717	0.2811458	0.434	0.3533436	0.877	0.511	NA	0
<i>Anxa31</i>	0.717	0.378776	0.434	0.4630596	0.955	0.588	NA	1
<i>Alox5</i>	0.717	0.1765106	0.434	0.2994926	0.904	0.53	NA	1
<i>Lgals3bp2</i>	0.717	0.3211334	0.434	0.3396791	0.975	0.664	NA	10
<i>Timd44</i>	0.717	0.4609972	0.434	0.4653978	1	0.633	NA	15
<i>Bst1</i>	0.716	0.2845501	0.432	0.3593088	0.931	0.591	NA	0
<i>Snx18</i>	0.716	0.2758378	0.432	0.2751829	0.899	0.586	NA	0
<i>Timd41</i>	0.716	0.4576812	0.432	0.6856349	0.996	0.563	NA	1
<i>Rab321</i>	0.716	0.356515	0.432	0.3777429	0.973	0.628	NA	1
<i>Akr1c18</i>	0.716	0.4816061	0.432	0.4709833	0.471	0.078	NA	5
<i>Syt13</i>	0.716	0.8421475	0.432	0.8135386	0.535	0.022	NA	8
<i>Cxcl13</i>	0.716	0.9649594	0.432	0.5980899	0.591	0.244	NA	10
<i>Kif15</i>	0.716	0.4018941	0.432	0.3995441	0.572	0.096	NA	10
<i>Pilra1</i>	0.716	0.3589606	0.432	0.3632087	0.943	0.637	NA	10
<i>Kif20b1</i>	0.716	0.3151704	0.432	0.334186	0.557	0.234	NA	12
<i>Clec4d1</i>	0.715	0.396071	0.43	0.5186079	0.993	0.658	NA	1
<i>Il5ra</i>	0.715	0.3480466	0.43	0.3317796	0.602	0.207	NA	2
<i>Nid11</i>	0.715	0.2744568	0.43	0.2863486	0.683	0.3	NA	3
<i>Hist1h4d</i>	0.715	0.3607999	0.43	0.4157286	0.667	0.313	NA	10
<i>Mafk2</i>	0.715	0.5331258	0.43	0.5217225	0.957	0.643	NA	15
<i>Calml41</i>	0.715	0.3096595	0.43	0.2711039	0.783	0.48	NA	15
<i>Fyb</i>	0.714	0.2845877	0.428	0.3398915	0.956	0.57	NA	0
<i>Ltbp11</i>	0.714	0.3747661	0.428	0.272242	0.937	0.622	NA	10
<i>Cd209b</i>	0.713	0.2309678	0.426	0.3083117	0.775	0.4	NA	0
<i>Cfh1</i>	0.713	0.4115821	0.426	0.5492787	0.995	0.657	NA	1
<i>C3ar11</i>	0.713	0.3583295	0.426	0.5376481	0.988	0.626	NA	1
<i>Cmklr1</i>	0.713	0.2821261	0.426	0.2884955	0.823	0.435	NA	1
<i>Atp1a3</i>	0.713	0.213921	0.426	0.2559158	0.835	0.46	NA	1
<i>Sdc1</i>	0.713	0.6664028	0.426	0.6156782	0.593	0.183	NA	5
<i>Ube2c</i>	0.713	1.3922324	0.426	1.4454174	0.642	0.203	NA	10
<i>Kif20b</i>	0.713	0.3906663	0.426	0.3401703	0.585	0.232	NA	10
<i>Mafl</i>	0.713	0.3380768	0.426	0.2752856	0.893	0.584	NA	10
<i>Ccnd21</i>	0.713	0.3931342	0.426	0.6413433	0.948	0.624	NA	12
<i>Parp11</i>	0.713	0.2457174	0.426	0.4230645	0.928	0.515	NA	12
<i>Camk11</i>	0.712	0.3189719	0.424	0.4436574	0.932	0.511	NA	1
<i>Ifnar21</i>	0.712	0.3199404	0.424	0.3628864	0.96	0.629	NA	1
<i>Polal</i>	0.712	0.3173731	0.424	0.2883445	0.616	0.231	NA	10
<i>Rnd3</i>	0.712	0.4229127	0.424	0.4145968	0.752	0.436	NA	11
<i>Kif151</i>	0.712	0.3546657	0.424	0.3421902	0.515	0.099	NA	12
<i>Ablim11</i>	0.712	0.2574537	0.424	0.2882838	0.938	0.587	NA	12
<i>Ldlr</i>	0.712	0.5675785	0.424	0.5481815	0.781	0.473	NA	14
<i>Selp2</i>	0.712	0.4325686	0.424	0.4321964	0.957	0.653	NA	15
<i>Card19</i>	0.711	0.2329578	0.422	0.3830829	0.961	0.625	NA	0
<i>Maged1</i>	0.711	0.6480458	0.422	0.5349646	0.527	0.21	NA	5
<i>A530064D06Rik</i>	0.711	0.3707016	0.422	0.3528112	0.484	0.15	NA	5

<i>Thy11</i>	0.711	0.3287848	0.422	0.3210069	0.416	0.102	NA	8
<i>Slc11a12</i>	0.711	0.3238156	0.422	0.2818496	0.925	0.614	NA	10
<i>Tlr13</i>	0.71	0.2527424	0.42	0.3139404	0.809	0.363	NA	0
<i>Dhrs31</i>	0.71	0.3447564	0.42	0.4218561	0.977	0.582	NA	1
<i>Serpinb10</i>	0.71	0.3034213	0.42	0.3750357	0.835	0.375	NA	1
<i>Epcam</i>	0.71	0.2815653	0.42	0.4137259	0.586	0.166	NA	2
<i>Gpr174</i>	0.71	0.336306	0.42	0.3641036	0.657	0.158	NA	7
<i>Cenpe</i>	0.71	0.754905	0.42	0.7781109	0.597	0.25	NA	10
<i>Tmem1411</i>	0.71	0.3148328	0.42	0.2759102	0.899	0.566	NA	10
<i>Gimap44</i>	0.71	0.3423299	0.42	0.3917932	0.938	0.521	NA	12
<i>Itga61</i>	0.709	0.4806133	0.418	0.4331898	0.989	0.594	NA	1
<i>Scn1b1</i>	0.709	0.3474781	0.418	0.2520815	0.815	0.474	NA	1
<i>Emilin11</i>	0.709	0.3091323	0.418	0.2864774	0.918	0.571	NA	10
<i>Emp2</i>	0.709	0.492931	0.418	0.491725	0.368	0.007	NA	13
<i>Engase1</i>	0.709	0.2963751	0.418	0.3171917	1	0.656	NA	15
<i>Neurl31</i>	0.709	0.3408804	0.418	0.3160365	0.957	0.632	NA	15
<i>Serpinb6a</i>	0.708	0.3203489	0.416	0.3052543	0.918	0.547	NA	0
<i>Kcnk13</i>	0.708	0.1795586	0.416	0.2558019	0.73	0.308	NA	0
<i>Gimap7</i>	0.708	0.955072	0.416	1.0449482	0.673	0.17	NA	7
<i>Plxdc22</i>	0.708	0.4586589	0.416	0.3780826	0.994	0.692	NA	10
<i>Hmmr1</i>	0.708	0.5191804	0.416	0.5045575	0.464	0.037	NA	12
<i>Lcp2</i>	0.707	0.3219024	0.414	0.2912777	0.914	0.588	NA	0
<i>C5ar11</i>	0.707	0.3585739	0.414	0.3952188	0.968	0.633	NA	1
<i>Ncaph1</i>	0.707	0.3289414	0.414	0.3131142	0.505	0.187	NA	12
<i>Sepp1</i>	0.706	0.3113258	0.412	0.2945392	0.996	0.582	NA	0
<i>Pygl1</i>	0.706	0.3374739	0.412	0.3215667	0.926	0.528	NA	1
<i>Prkcq</i>	0.706	0.9638983	0.412	0.9831217	0.657	0.264	NA	7
<i>Xcl11</i>	0.706	1.5207605	0.412	1.6679405	0.584	0.101	NA	8
<i>B3gnt51</i>	0.706	0.1988962	0.412	0.2807242	0.742	0.386	NA	12
<i>Rarres1</i>	0.706	0.5009087	0.412	0.4967549	0.368	0.027	NA	13
<i>Xcl12</i>	0.706	0.4489503	0.412	0.5507819	0.478	0.111	NA	15
<i>Adam8</i>	0.705	0.1902891	0.41	0.279203	0.862	0.519	NA	0
<i>Ptgs11</i>	0.705	0.3533601	0.41	0.3823405	0.978	0.584	NA	1
<i>Nav1</i>	0.705	0.2772866	0.41	0.2905388	0.867	0.528	NA	1
<i>Klrc2</i>	0.705	0.6692095	0.41	0.5086834	0.457	0.019	NA	7
<i>Klrb1a</i>	0.705	0.8781141	0.41	0.8318244	0.48	0.075	NA	8
<i>Lbp</i>	0.705	0.258322	0.41	0.275541	0.616	0.307	NA	10
<i>Snn2</i>	0.705	0.3429002	0.41	0.5576176	0.897	0.46	NA	12
<i>Lgmn3</i>	0.705	0.4389565	0.41	0.4218556	1	0.686	NA	15
<i>C5ar12</i>	0.705	0.2849524	0.41	0.3270304	1	0.687	NA	15
<i>Neurl3</i>	0.704	0.4164438	0.408	0.4871709	0.88	0.529	NA	0
<i>Idh1</i>	0.704	0.2662226	0.408	0.3633561	0.928	0.543	NA	0
<i>Plxdc21</i>	0.704	0.3968453	0.408	0.4262367	0.986	0.64	NA	1
<i>Bach2</i>	0.704	0.9779101	0.408	0.9906122	0.62	0.257	NA	4
<i>Bub1b</i>	0.704	0.3604359	0.408	0.4049804	0.56	0.029	NA	10
<i>Gimap13</i>	0.704	0.3029324	0.408	0.3996296	0.866	0.473	NA	12
<i>Gimap62</i>	0.704	0.3089721	0.408	0.387459	0.979	0.669	NA	12
<i>Spry21</i>	0.704	0.1904582	0.408	0.5442925	0.696	0.356	NA	15
<i>Naip1</i>	0.703	0.2267562	0.406	0.3076933	0.788	0.42	NA	0
<i>Flnb1</i>	0.703	0.3240911	0.406	0.3854698	0.991	0.639	NA	1
<i>Fabp72</i>	0.703	0.4550129	0.406	0.5409876	0.937	0.634	NA	10
<i>Adgre11</i>	0.703	0.4841162	0.406	0.4560073	1	0.698	NA	10
<i>Cxcr3</i>	0.702	0.541425	0.404	0.7235516	0.594	0.066	NA	7
<i>Cdca3</i>	0.702	0.5550105	0.404	0.6048197	0.61	0.157	NA	10
<i>Nrp11</i>	0.702	0.3024542	0.404	0.3559717	0.843	0.459	NA	10
<i>Cd300a</i>	0.701	0.2800906	0.402	0.3388732	0.812	0.4	NA	0
<i>Fabp71</i>	0.701	0.2775603	0.402	0.3968898	0.913	0.585	NA	1

<i>Ccnb1</i>	0.701	0.4472763	0.402	0.4388575	0.516	0.087	NA	10
<i>Hist1h1e</i>	0.701	0.5020424	0.402	0.5111319	0.732	0.409	NA	12
<i>Apoc1</i>	0.701	0.4674178	0.402	0.709516	0.739	0.384	NA	15
<i>Ptgs2</i>	0.287	0.5780492	0.426	0.5552013	0.175	0.559	NA	13
<i>Isg15l</i>	0.264	0.5727046	0.472	0.3424325	0.246	0.654	NA	13

Supplementary table S2. ScRNA seq analysis of total peritoneal cells.

LPM1

Gene	p_val	avg_log2FC	pct.1	pct.2	p_val_adj
<i>Retnla</i>	1.88E-251	1.001635	0.99	0.772	3.01E-247
<i>Gdpd3</i>	0	0.879515	0.844	0.203	0
<i>Cd74</i>	8.93E-263	0.84162	0.919	0.607	1.43E-258
<i>Cd200r4</i>	0	0.836693	0.873	0.207	0
<i>H2-Aa</i>	1.01E-236	0.757922	0.806	0.31	1.63E-232
<i>H2-Ab1</i>	1.52E-179	0.620155	0.754	0.334	2.44E-175
<i>Fabp5</i>	3.46E-147	0.601948	0.63	0.18	5.56E-143
<i>Cd81</i>	3.69E-209	0.598576	0.843	0.333	5.93E-205
<i>Uba52</i>	3.17E-282	0.531987	0.971	0.756	5.08E-278
<i>Serping1</i>	7.31E-92	0.513895	0.274	0.003	1.17E-87
<i>Al467606</i>	3.57E-192	0.511318	0.834	0.416	5.74E-188

LPM2

Gene	p_val	avg_log2FC	pct.1	pct.2	p_val_adj
<i>Gm8797</i>	3.78E-142	0.540434	0.747	0.097	6.06E-138
<i>Uba52</i>	4.59E-153	0.542337	0.969	0.704	7.38E-149
<i>Igfbp4</i>	2.02E-124	0.60734	0.918	0.533	3.24E-120
<i>Fabp5</i>	2.04E-108	0.611762	0.622	0.067	3.28E-104
<i>Marco</i>	1.18E-68	0.660639	0.489	0.079	1.90E-64
<i>Retnla</i>	3.37E-173	0.843935	0.999	0.926	5.41E-169
<i>H2-Ab1</i>	1.74E-133	0.856351	0.891	0.421	2.79E-129
<i>Gdpd3</i>	9.69E-183	0.902586	0.864	0.202	1.56E-178
<i>H2-Aa</i>	1.30E-156	0.957769	0.917	0.401	2.09E-152
<i>Cd74</i>	3.78E-158	0.987586	0.979	0.672	6.06E-154

SPM

Gene	p_val	avg_log2FC	pct.1	pct.2	p_val_adj
<i>Uba52</i>	2.42E-34	0.506196	0.946	0.592	3.89E-30
<i>Prp</i>	1.61E-31	0.510331	0.961	0.57	2.58E-27
<i>4930523C07Rik</i>	2.94E-39	0.52544	0.705	0.116	4.71E-35
<i>Calml4</i>	2.76E-35	0.543855	0.535	0.063	4.42E-31
<i>Epsti1</i>	7.58E-45	0.546079	0.829	0.179	1.22E-40
<i>Dnajc15</i>	9.23E-38	0.550997	0.891	0.321	1.48E-33
<i>A530064D06Rik</i>	1.77E-29	0.555984	0.837	0.379	2.85E-25
<i>Gm8797</i>	6.02E-61	0.607799	0.783	0.085	9.67E-57
<i>Cd300ld</i>	9.70E-39	0.611803	0.938	0.423	1.56E-34
<i>Ly6e</i>	2.20E-26	0.61682	0.628	0.176	3.53E-22
<i>Atp11b</i>	3.02E-38	0.631303	0.876	0.341	4.84E-34
<i>Gbp2</i>	1.56E-48	0.647946	0.767	0.123	2.50E-44
<i>Clec10a</i>	3.35E-48	0.676271	0.853	0.198	5.37E-44
<i>AF251705</i>	5.67E-49	0.704198	0.752	0.116	9.10E-45
<i>9830107B12Rik</i>	4.29E-90	0.983793	0.922	0.051	6.88E-86
<i>Gdpd3</i>	1.90E-74	1.064463	0.93	0.15	3.06E-70

ImM

Gene	p_val	avg_log2FC	pct.1	pct.2	p_val_adj
<i>Gm8797</i>	5.81E-40	0.519832	0.597	0.041	9.33E-36
<i>Igfbp4</i>	6.74E-15	0.546452	0.792	0.401	1.08E-10
<i>Serping1</i>	8.61E-30	0.548067	0.347	0.005	1.38E-25
<i>H2-Ab1</i>	1.57E-14	0.602019	0.708	0.336	2.52E-10
<i>Marco</i>	4.67E-25	0.641615	0.375	0.023	7.50E-21
<i>Cd300ld</i>	5.30E-27	0.670867	0.75	0.199	8.50E-23
<i>H2-Aa</i>	1.65E-22	0.75253	0.764	0.284	2.65E-18
<i>Cd74</i>	1.16E-18	0.78572	0.861	0.587	1.86E-14
<i>Gdpd3</i>	4.57E-40	0.920765	0.764	0.127	7.34E-36
<i>Retnla</i>	1.02E-27	1.052324	0.986	0.736	1.64E-23

Supplementary table S3. Upregulated DEGs in *Hdc*^{+/+} mice relative to those in *Hdc*^{-/-} mice in each cluster.