

Table 1 Kaplan-Meier survival analysis and univariate cox analysis for all overlapped DEGs in KIRC patients

Gene	KM	HR	HR.95L	HR.95H	coxPvalue
<i>ATP6V1C2</i>	3.03E-12	1.4057698	1.2115867	1.631074962	7.11E-06
<i>KCNN4</i>	4.23E-11	1.916602848	1.57750832	2.328587705	5.81E-11
<i>MXD3</i>	7.65E-11	2.197282109	1.775260611	2.719628115	4.67E-13
<i>MPP7</i>	1.22E-10	0.543429788	0.442817921	0.666901496	5.28E-09
<i>G6PC</i>	1.85E-10	0.780952047	0.723110138	0.843420756	3.03E-10
<i>HJURP</i>	3.67E-10	2.089153249	1.700845241	2.566113127	2.18E-12
<i>LINC01234</i>	4.13E-10	1.265947968	1.183329596	1.354334637	7.46E-12
<i>TFAP2A</i>	6.14E-10	1.297818895	1.181461908	1.425635369	5.35E-08
<i>DLX4</i>	8.65E-10	1.600347966	1.394671136	1.836356647	2.09E-11
<i>C1orf210</i>	1.11E-09	0.767009754	0.70103619	0.839192	7.45E-09
<i>IL20RB</i>	1.22E-09	1.402309131	1.264724822	1.554860682	1.39E-10
<i>WDR72</i>	3.25E-09	0.666699543	0.603067344	0.737045847	2.35E-15
<i>JAK3</i>	4.25E-09	2.344169969	1.709388508	3.214677541	1.24E-07
<i>TINCR</i>	4.93E-09	1.508091767	1.305313178	1.742371728	2.46E-08
<i>RAPGEFL1</i>	5.24E-09	2.170317077	1.691257453	2.785073441	1.13E-09
<i>C7orf61</i>	6.95E-09	1.732626753	1.483829221	2.02314082	3.66E-12
<i>DCST2</i>	7.06E-09	1.676031423	1.428187871	1.96688502	2.53E-10
<i>FIRRE</i>	7.45E-09	1.62858737	1.447870365	1.8318607	4.40E-16
<i>NR3C2</i>	8.79E-09	0.577258139	0.50110388	0.664985789	2.70E-14
<i>ARMC12</i>	9.22E-09	1.620292421	1.399964832	1.875295342	9.69E-11
<i>PLK1</i>	1.01E-08	2.44487282	1.951103874	3.063600655	8.04E-15
<i>COL4A4</i>	1.06E-08	0.596244203	0.519221707	0.684692385	2.35E-13
<i>CNTNAP1</i>	1.09E-08	2.714660853	1.998659558	3.687162987	1.63E-10
<i>SPC24</i>	1.20E-08	2.126046555	1.700444125	2.658172585	3.64E-11
<i>PLG</i>	1.48E-08	0.799414761	0.739864918	0.863757619	1.44E-08
<i>ITPKA</i>	1.54E-08	1.471346523	1.320595465	1.639306395	2.52E-12
<i>PLEKHG4B</i>	1.63E-08	1.432389429	1.276932297	1.606772326	8.76E-10
<i>IRF6</i>	1.73E-08	0.699808252	0.622613614	0.786573854	2.15E-09
<i>TICRR</i>	1.88E-08	1.993730499	1.653747382	2.403608524	4.71E-13
<i>CDKL2</i>	1.95E-08	0.521945427	0.445767444	0.6111416	6.61E-16
<i>LTB4R</i>	1.95E-08	2.348539484	1.755109278	3.142617829	9.17E-09
<i>FLRT3</i>	1.96E-08	0.742055103	0.670686173	0.821018531	7.37E-09
<i>CNIH2</i>	1.98E-08	1.728229546	1.438013748	2.077015861	5.45E-09
<i>CILP</i>	2.06E-08	1.538364863	1.35736622	1.743498856	1.54E-11
<i>MFS4A</i>	2.09E-08	0.468223399	0.372439795	0.588640511	8.13E-11
<i>PIF1</i>	2.39E-08	1.860189485	1.570977746	2.202644137	6.06E-13

<i>PRELID3A</i>	2.40E-08	2.034990112	1.590080421	2.604386988	1.66E-08
<i>AJAPI</i>	2.44E-08	0.678099884	0.60403841	0.761242075	4.61E-11
<i>IL20RA</i>	2.44E-08	1.181409456	1.055659776	1.322138376	0.003692718
<i>AURKB</i>	3.09E-08	2.262006473	1.827771761	2.799404935	6.12E-14
<i>BSPRY</i>	3.13E-08	0.735708449	0.662720164	0.816735254	8.53E-09
<i>TFAP2C</i>	3.13E-08	1.159760236	1.062258996	1.266210792	0.000939688
<i>TROAP</i>	3.19E-08	2.043976316	1.701595004	2.455248853	2.12E-14
<i>WFDC10B</i>	3.37E-08	1.42670127	1.296263723	1.570264197	3.75E-13
<i>KIF20A</i>	3.52E-08	2.043502914	1.620040979	2.577653412	1.62E-09
<i>SLC16A1-AS1</i>	3.94E-08	1.952212983	1.53271395	2.486527596	5.97E-08
<i>IFI30</i>	4.42E-08	1.692745834	1.425458741	2.010151804	1.94E-09
<i>ATP2B3</i>	4.52E-08	1.376256393	1.212422429	1.562229148	7.87E-07
<i>CGN</i>	4.73E-08	0.656694401	0.5779738	0.746136826	1.08E-10
<i>SLC17A9</i>	4.97E-08	1.746505826	1.481306734	2.059183644	3.22E-11
<i>TMEM92-AS1</i>	5.93E-08	1.468109111	1.310390928	1.6448102	3.55E-11
<i>TNNT1</i>	6.17E-08	1.335304995	1.237178455	1.44121442	1.13E-13
<i>NPIPA1</i>	6.58E-08	1.680264018	1.37324156	2.055929017	4.63E-07
<i>CDCA3</i>	6.71E-08	2.449665835	1.993634104	3.010012063	1.53E-17
<i>TFAP2A-AS1</i>	7.06E-08	1.474850447	1.320077561	1.647769726	6.46E-12
<i>MYBL2</i>	7.12E-08	1.924466749	1.555909595	2.380326132	1.58E-09
<i>LINC01271</i>	7.30E-08	1.755925452	1.489820257	2.069561195	1.89E-11
<i>IGFLR1</i>	7.34E-08	2.088859866	1.667477044	2.616729002	1.48E-10
<i>STAC3</i>	7.87E-08	2.962905878	2.078742132	4.223136244	1.89E-09
<i>JSRP1</i>	1.08E-07	1.368676024	1.21846532	1.537404494	1.21E-07
<i>CENPA</i>	1.11E-07	1.938350007	1.604976286	2.340969635	6.28E-12
<i>PAEP</i>	1.12E-07	1.253650563	1.178478903	1.333617199	7.76E-13
<i>DNASE1L3</i>	1.17E-07	0.605200266	0.529509356	0.69171084	1.75E-13
<i>RIN1</i>	1.42E-07	1.947792933	1.51224472	2.50878529	2.43E-07
<i>CDKLI</i>	1.48E-07	0.519999714	0.417735587	0.647298699	4.83E-09
<i>GRIN2D</i>	1.53E-07	1.622462371	1.379539133	1.908161994	4.98E-09
<i>FREM2</i>	1.61E-07	0.777029905	0.712565386	0.847326415	1.14E-08
<i>SH3GL3</i>	1.61E-07	1.429310473	1.22961899	1.661432074	3.29E-06
<i>TFF1</i>	1.70E-07	1.213912028	1.129267108	1.304901562	1.47E-07
<i>CRABP2</i>	1.90E-07	1.418973065	1.252282852	1.607851258	4.06E-08
<i>LINC00845</i>	2.07E-07	0.625974995	0.530121487	0.739160182	3.31E-08
<i>CHGA</i>	2.25E-07	1.387209849	1.240413995	1.551378147	9.74E-09
<i>C1QTNF6</i>	2.33E-07	3.073996543	2.172667359	4.349241363	2.26E-10
<i>CCNB2</i>	2.57E-07	2.738665455	2.05288096	3.653542812	7.34E-12
<i>GPR84</i>	2.65E-07	1.573398078	1.341854203	1.844896046	2.40E-08
<i>PTTG1</i>	2.71E-07	2.521406791	1.897803679	3.3499209	1.77E-10

<i>MYL3</i>	2.81E-07	0.783062217	0.711996504	0.861221133	4.71E-07
<i>CRHBP</i>	3.03E-07	0.666531743	0.579875796	0.766137451	1.14E-08
<i>VSX1</i>	3.10E-07	1.287627808	1.161943645	1.426906872	1.41E-06
<i>EME1</i>	3.21E-07	2.254604271	1.825300974	2.784877942	4.58E-14
<i>MTURN</i>	3.55E-07	0.49118764	0.367245547	0.656959081	1.65E-06
<i>TNFRSF18</i>	3.58E-07	1.613387258	1.34893569	1.929683131	1.63E-07
<i>PSATI</i>	3.59E-07	1.456391156	1.252765201	1.693114716	9.95E-07
<i>F2</i>	3.89E-07	1.184666133	1.107212082	1.267538414	9.01E-07
<i>CLDN10</i>	3.96E-07	0.765155312	0.690864989	0.847434246	2.80E-07
<i>MTFR2</i>	4.10E-07	2.005152032	1.581374107	2.542494311	9.29E-09
<i>SUSD4</i>	4.11E-07	1.27157946	1.139288953	1.419231106	1.81E-05
<i>KLRA1P</i>	4.29E-07	1.686320096	1.373760927	2.069992974	5.85E-07
<i>MIAT</i>	4.32E-07	1.414932368	1.257529436	1.592037172	8.01E-09
<i>ENAM</i>	4.46E-07	0.734036599	0.665545396	0.809576223	6.14E-10
<i>ADGRV1</i>	4.59E-07	0.568414515	0.462753103	0.698201825	7.30E-08
<i>ATP8B3</i>	4.59E-07	1.380193776	1.205074075	1.580761631	3.25E-06
<i>THRB</i>	4.83E-07	0.657558842	0.570177809	0.758331216	8.29E-09
<i>ADAM8</i>	5.02E-07	2.375192597	1.848872728	3.051340304	1.30E-11
<i>SLC22A6</i>	5.10E-07	0.846792398	0.795512023	0.901378415	1.81E-07
<i>CCNYL2</i>	5.24E-07	1.375230259	1.231462762	1.535781937	1.55E-08
<i>KIF18B</i>	5.48E-07	1.985112757	1.651219182	2.386523062	2.93E-13
<i>DUSP5P1</i>	5.63E-07	1.433080016	1.240576638	1.655454625	1.01E-06
<i>SEMA3D</i>	5.87E-07	0.79681844	0.723068893	0.878090085	4.57E-06
<i>IGF2BP3</i>	5.87E-07	1.318362846	1.211591389	1.434543535	1.42E-10
<i>TRPM3</i>	5.96E-07	0.807930898	0.737913285	0.884592199	4.00E-06
<i>HPX</i>	6.40E-07	1.484599091	1.307106848	1.686193033	1.18E-09
<i>ALDOB</i>	6.55E-07	0.787960632	0.719702217	0.862692852	2.54E-07
<i>PKP3</i>	6.63E-07	1.255194464	1.160902528	1.35714507	1.17E-08
<i>IQGAP3</i>	6.70E-07	1.998828125	1.59027478	2.512341843	2.91E-09
<i>LINC00271</i>	7.87E-07	0.626676965	0.519809076	0.755515894	9.64E-07
<i>TNFSF14</i>	7.88E-07	1.525647351	1.31512285	1.769872554	2.47E-08
<i>CDCA7</i>	7.96E-07	1.730688414	1.430634837	2.093673598	1.64E-08
<i>SPDEF</i>	8.07E-07	1.313221466	1.197661034	1.439932143	6.72E-09
<i>WFDC5</i>	8.35E-07	1.192768132	1.111835535	1.279591965	8.78E-07
<i>MICALL2</i>	8.39E-07	2.835428227	2.044561898	3.932213173	4.20E-10
<i>LTBR2</i>	1.04E-06	1.490448534	1.20581549	1.842269279	0.000223472
<i>PKHD1</i>	1.05E-06	0.758896739	0.69568664	0.827850109	5.04E-10
<i>LDHD</i>	1.11E-06	0.613218256	0.509322932	0.73830689	2.43E-07
<i>HHLA2</i>	1.14E-06	0.818102607	0.755746254	0.885603961	6.93E-07
<i>DUSP9</i>	1.21E-06	1.216815927	1.118355973	1.323944286	5.16E-06

<i>PANX2</i>	1.22E-06	1.320861094	1.208676424	1.443458312	7.99E-10
<i>F2RL3</i>	1.31E-06	0.61646556	0.529840823	0.717252749	3.82E-10
<i>SAP25</i>	1.45E-06	1.479526396	1.285723191	1.702542484	4.54E-08
<i>SLC6A19</i>	1.48E-06	0.824520901	0.772376422	0.880185745	7.09E-09
<i>TPRG1</i>	1.50E-06	1.330772098	1.147876809	1.542808744	0.0001517
<i>CCDC154</i>	1.52E-06	1.446310328	1.275091481	1.640520383	9.45E-09
<i>HAMP</i>	1.65E-06	1.405687111	1.251363825	1.579042174	9.51E-09
<i>MAT1A</i>	1.68E-06	1.233367675	1.145870985	1.327545457	2.31E-08
<i>SLC4A3</i>	1.71E-06	1.279382085	1.160488257	1.41045677	7.39E-07
<i>CCDC78</i>	1.74E-06	1.29694202	1.158569397	1.451841046	6.28E-06
<i>PLEKHS1</i>	1.78E-06	1.3036333	1.190401366	1.427635945	1.07E-08
<i>KIF2C</i>	1.79E-06	2.350472758	1.822079146	3.032097809	4.77E-11
<i>IL11</i>	1.82E-06	1.34259515	1.190216783	1.514481867	1.64E-06
<i>LINC00460</i>	1.82E-06	1.261172653	1.172876618	1.356115756	3.71E-10
<i>ASGR1</i>	1.91E-06	1.703246982	1.438030203	2.017377853	6.98E-10
<i>LINC01270</i>	1.98E-06	1.78843466	1.465510299	2.182515221	1.05E-08
<i>ADAMTS14</i>	1.98E-06	1.645741523	1.446673516	1.872202076	3.63E-14
<i>CARD14</i>	2.20E-06	1.382103823	1.227202208	1.556557644	9.52E-08
<i>SNORA71A</i>	2.23E-06	1.194850503	1.067904754	1.336886758	0.001894019
<i>ORM2</i>	2.34E-06	1.304205076	1.17425626	1.448534649	7.06E-07
<i>ANKLE1</i>	2.34E-06	1.662624589	1.405722462	1.96647674	2.91E-09
<i>UBE2C</i>	2.41E-06	2.487135013	1.938504193	3.191038015	7.74E-13
<i>PLCL1</i>	2.44E-06	0.51236687	0.430011656	0.610494635	7.45E-14
<i>RGS20</i>	2.45E-06	1.464655341	1.303491447	1.645745566	1.40E-10
<i>NECTIN4</i>	2.45E-06	1.226531917	1.109611794	1.355771948	6.47E-05
<i>CCSER1</i>	2.48E-06	0.637774834	0.544555338	0.746952075	2.42E-08
<i>HOXA13</i>	2.53E-06	1.309266337	1.182821551	1.449228194	1.99E-07
<i>DOK3</i>	2.54E-06	2.602505317	1.80863846	3.744824672	2.58E-07
<i>BIRC5</i>	2.71E-06	2.065313686	1.620814076	2.631714942	4.48E-09
<i>KCNIP2</i>	2.71E-06	1.479675556	1.248865128	1.753143475	5.94E-06
<i>UNC13D</i>	2.81E-06	2.255737263	1.658902129	3.067300059	2.13E-07
<i>TPX2</i>	2.83E-06	2.493068733	1.803129357	3.44700267	3.27E-08
<i>PLXNB3</i>	2.99E-06	1.627922587	1.425790845	1.858710174	5.84E-13
<i>SLC12A8</i>	3.12E-06	1.440544233	1.258406285	1.649044281	1.21E-07
<i>OBP2A</i>	3.20E-06	1.368374657	1.222103153	1.532153157	5.41E-08
<i>DPP6</i>	3.24E-06	0.726304335	0.596954159	0.883682572	0.001394907
<i>SH2D6</i>	3.28E-06	1.44871871	1.245231667	1.685458181	1.59E-06
<i>TPSD1</i>	3.60E-06	0.835813634	0.76771861	0.909948543	3.53E-05
<i>SLC25A48</i>	3.73E-06	0.795392656	0.722500857	0.875638377	3.04E-06
<i>MEF2B</i>	3.74E-06	1.582563457	1.308144833	1.914548781	2.31E-06

<i>PPP1RIA</i>	3.78E-06	1.218706056	1.129319745	1.315167345	3.60E-07
<i>AGR3</i>	3.81E-06	1.167487118	1.077326176	1.265193589	0.000159168
<i>BLACAT1</i>	3.84E-06	1.358620486	1.208079101	1.527921163	3.14E-07
<i>SNORD104</i>	4.06E-06	1.279009071	1.047571821	1.561577136	0.015679211
<i>FXVD3</i>	4.09E-06	1.20066065	1.093965455	1.317761901	0.000117443
<i>CRYGS</i>	4.12E-06	1.642415194	1.361493306	1.981300722	2.17E-07
<i>CDC20</i>	4.33E-06	2.272299069	1.737979788	2.970887862	1.96E-09
<i>DEF6</i>	4.47E-06	2.030034056	1.421412486	2.899255712	9.87E-05
<i>CPEB1</i>	4.53E-06	1.306778884	1.184598295	1.441561294	9.17E-08
<i>HPGD</i>	4.62E-06	0.782602852	0.692612274	0.884285835	8.39E-05
<i>CHST6</i>	4.87E-06	1.498559327	1.289167863	1.741960935	1.38E-07
<i>PPARGC1A</i>	5.08E-06	0.671339513	0.600183927	0.750931042	3.15E-12
<i>SPHK1</i>	5.15E-06	1.755742363	1.428947844	2.15727345	8.47E-08
<i>TRIP13</i>	5.22E-06	2.534176887	1.894490521	3.389857285	3.74E-10
<i>MIR7111</i>	5.26E-06	1.230206942	1.111836524	1.361179532	5.98E-05
<i>WNT10B</i>	5.33E-06	1.493711971	1.307781164	1.706077066	3.29E-09
<i>GTSE1</i>	5.39E-06	2.151693692	1.698831309	2.725276914	2.08E-10
<i>CLEC2D</i>	5.47E-06	2.052152307	1.559603848	2.700255642	2.84E-07
<i>OGDHL</i>	5.75E-06	0.672582882	0.588665441	0.768463209	5.44E-09
<i>GPAT3</i>	5.78E-06	0.616281466	0.516867799	0.734816226	6.93E-08
<i>CNTD2</i>	5.95E-06	1.359181713	1.199073172	1.540669054	1.59E-06
<i>SSTR1</i>	6.09E-06	0.761283315	0.684654794	0.846488319	4.68E-07
<i>LRRC19</i>	6.35E-06	0.729372745	0.66121718	0.804553507	2.89E-10
<i>RUNDC3A-AS1</i>	6.39E-06	1.163068877	1.037149548	1.304275952	0.009769607
<i>PRSS53</i>	6.51E-06	1.489660669	1.297763917	1.709932661	1.48E-08
<i>PWAR5</i>	6.53E-06	0.77996785	0.686767067	0.88581686	0.000129543
<i>TCL6</i>	6.64E-06	0.768045469	0.687231136	0.858363091	3.28E-06
<i>SLC22A8</i>	6.86E-06	0.772273461	0.689885796	0.86450004	7.13E-06
<i>PDZRN3</i>	6.88E-06	0.75595146	0.6682048	0.85522075	8.82E-06
<i>ADA</i>	7.29E-06	2.028485496	1.507926199	2.728749863	2.95E-06
<i>GNRH1</i>	7.51E-06	1.554768236	1.302911919	1.855309044	9.85E-07
<i>SLPI</i>	7.81E-06	1.302247324	1.180858716	1.436114303	1.22E-07
<i>GPRC5A</i>	7.98E-06	1.325226195	1.189774784	1.476098243	3.08E-07
<i>SMCO3</i>	8.12E-06	1.294476393	1.148670961	1.458789497	2.30E-05
<i>CHAC1</i>	8.12E-06	1.57622266	1.346916994	1.844566432	1.40E-08
<i>ELOVL3</i>	8.54E-06	1.376185061	1.165925371	1.624362389	0.000160198
<i>RIMKLA</i>	8.56E-06	0.75866469	0.670157976	0.858860347	1.28E-05
<i>TFR2</i>	9.02E-06	1.216161657	1.097514482	1.347635226	0.000186553
<i>RNASE2</i>	9.02E-06	1.48482536	1.236912473	1.782427131	2.22E-05
<i>SHROOM3</i>	9.18E-06	0.69208225	0.600140049	0.798110111	4.18E-07

<i>PCK1</i>	9.23E-06	0.756089616	0.692143039	0.825944169	5.60E-10
<i>LIMD2</i>	9.46E-06	2.096237112	1.499265306	2.930908901	1.50E-05
<i>TOX3</i>	9.64E-06	0.835130171	0.77182301	0.903629969	7.49E-06
<i>LINC00113</i>	9.98E-06	0.817596771	0.754463166	0.886013408	9.03E-07
<i>ROS1</i>	9.99E-06	1.277238794	1.12945695	1.444356898	9.60E-05
<i>HCN2</i>	1.04E-05	1.203828265	1.085137546	1.335501197	0.000460462
<i>APCDD1L</i>	1.07E-05	1.263422497	1.152083222	1.385521788	6.77E-07
<i>PTH1R</i>	1.09E-05	0.779997196	0.672022109	0.905320848	0.001081734
<i>CHI3L2</i>	1.09E-05	1.40015268	1.222780681	1.6032536	1.11E-06
<i>SKA1</i>	1.11E-05	1.997601527	1.635974431	2.439165175	1.11E-11
<i>SLC26A10</i>	1.11E-05	1.404238073	1.230036984	1.60310998	5.07E-07
<i>SCD5</i>	1.13E-05	0.660833327	0.55637589	0.784902247	2.37E-06
<i>UCN</i>	1.14E-05	1.937766579	1.566912441	2.396393836	1.04E-09
<i>DNAAF3</i>	1.16E-05	1.374032639	1.191926863	1.583961024	1.19E-05
<i>RPA4</i>	1.17E-05	1.403154561	1.186142792	1.659869903	7.77E-05
<i>PMFBP1</i>	1.19E-05	1.413136125	1.193932566	1.672585006	5.79E-05
<i>MPPED2</i>	1.20E-05	0.672921863	0.577577532	0.784005278	3.74E-07
<i>CCNA2</i>	1.23E-05	2.794068343	2.01705816	3.87039802	6.40E-10
<i>PTOVI-AS2</i>	1.26E-05	1.410351842	1.170039552	1.700021434	0.000308999
<i>TRIB3</i>	1.26E-05	2.239320023	1.627989535	3.080212777	7.20E-07
<i>SIM2</i>	1.30E-05	1.599405471	1.349041401	1.896233771	6.41E-08
<i>EPB41LAB</i>	1.31E-05	1.158401038	1.044299706	1.284969206	0.005448055
<i>FUT3</i>	1.32E-05	0.799121738	0.720030376	0.886900851	2.47E-05
<i>LINC00664</i>	1.33E-05	1.339091329	1.181505728	1.517695214	4.85E-06
<i>MELTF</i>	1.38E-05	1.522584325	1.351844461	1.714888876	4.27E-12
<i>NEIL3</i>	1.41E-05	1.721855978	1.449491554	2.045398609	6.20E-10
<i>SLC14A1</i>	1.42E-05	0.703823852	0.6130894	0.807986591	6.11E-07
<i>IYD</i>	1.47E-05	0.739853184	0.656664542	0.833580465	7.38E-07
<i>MAGI3</i>	1.48E-05	0.622088183	0.492324349	0.786054373	6.99E-05
<i>RAD54L</i>	1.61E-05	1.518286492	1.261754176	1.826975424	9.77E-06
<i>WDR97</i>	1.65E-05	1.377732707	1.199108017	1.582966159	6.10E-06
<i>POLQ</i>	1.66E-05	1.582565795	1.307568475	1.915398346	2.43E-06
<i>LAT</i>	1.66E-05	1.408183846	1.228151397	1.614606919	9.36E-07
<i>CWH43</i>	1.88E-05	0.793744927	0.717391209	0.87822516	7.59E-06
<i>RTEL1-TNFRSF6B</i>	1.89E-05	1.517731188	1.28350865	1.794696092	1.07E-06
<i>PVT1</i>	1.91E-05	2.289103353	1.585601588	3.304735692	9.85E-06
<i>HOXD1</i>	1.92E-05	0.780210664	0.682209466	0.892289994	0.000290027
<i>NUF2</i>	1.93E-05	2.239566215	1.799369692	2.787452103	5.16E-13
<i>SHISA6</i>	1.97E-05	0.745261272	0.656481236	0.846047583	5.54E-06

<i>KREMEN2</i>	1.99E-05	1.457470399	1.292432601	1.643582779	8.06E-10
<i>DERL3</i>	2.04E-05	1.603117502	1.31074943	1.960699481	4.35E-06
<i>PEG3</i>	2.05E-05	0.670005271	0.558069514	0.804392735	1.76E-05
<i>CAPS</i>	2.06E-05	1.556382291	1.240149745	1.953252698	0.000134952
<i>GYG2</i>	2.06E-05	1.299657451	1.188240878	1.421521108	9.95E-09
<i>ASAP1-IT2</i>	2.12E-05	1.446500183	1.264481028	1.654720579	7.45E-08
<i>GSDMB</i>	2.13E-05	1.652081768	1.387035926	1.967774675	1.83E-08
<i>SNORD89</i>	2.14E-05	1.540383721	1.208431536	1.963522084	0.000485152
<i>CDKN3</i>	2.17E-05	2.109622371	1.619208536	2.748569098	3.20E-08
<i>BNIP1</i>	2.23E-05	1.590649629	1.352097205	1.871290195	2.16E-08
<i>CCDC88B</i>	2.25E-05	1.771585199	1.356691806	2.313358203	2.66E-05
<i>NALT1</i>	2.27E-05	1.378288538	1.20179913	1.580696179	4.45E-06
<i>CCNO</i>	2.34E-05	1.215387454	1.110622437	1.330034955	2.22E-05
<i>CEP55</i>	2.43E-05	2.13286689	1.664937617	2.732307279	2.05E-09
<i>PKMYT1</i>	2.44E-05	1.780377505	1.447621346	2.189622356	4.65E-08
<i>ALKBH6</i>	2.44E-05	1.71246744	1.353356081	2.166868552	7.47E-06
<i>COL18A1-AS1</i>	2.61E-05	0.665401647	0.561453745	0.788594528	2.60E-06
<i>PROM2</i>	2.70E-05	1.216175138	1.103311606	1.340584073	8.20E-05
<i>WDR62</i>	2.71E-05	1.99734333	1.615686922	2.469154342	1.61E-10
<i>LILRA4</i>	2.73E-05	0.75179658	0.661805532	0.854024438	1.16E-05
<i>WNT9B</i>	2.74E-05	0.685992697	0.583631939	0.806306079	4.85E-06
<i>HEATR9</i>	2.75E-05	1.428737758	1.231540981	1.657510072	2.50E-06
<i>APOC2</i>	2.77E-05	1.349722894	1.191541566	1.528903349	2.41E-06
<i>KCNH3</i>	2.78E-05	1.394449958	1.225735483	1.586386878	4.34E-07
<i>SCGN</i>	2.92E-05	0.810011385	0.743057155	0.882998622	1.70E-06
<i>INSL3</i>	2.93E-05	1.358512636	1.186860858	1.554989845	8.76E-06
<i>FAM13A-AS1</i>	3.06E-05	1.405136078	1.167005899	1.691857255	0.000330584
<i>SLC11A1</i>	3.11E-05	1.828756188	1.477042915	2.26421938	3.04E-08
<i>SLC44A4</i>	3.22E-05	0.663277475	0.568821766	0.773418028	1.62E-07
<i>MALL</i>	3.33E-05	0.746026535	0.656231095	0.848109141	7.54E-06
<i>MSC</i>	3.53E-05	1.877071111	1.34303072	2.623466389	0.00022727
<i>CATSPER1</i>	3.85E-05	1.667717439	1.374369443	2.023678183	2.20E-07
<i>CLIC5</i>	4.00E-05	0.679241935	0.595153144	0.775211575	9.69E-09
<i>MYCN</i>	4.01E-05	0.696764877	0.602783236	0.805399462	1.02E-06
<i>RAB3B</i>	4.09E-05	1.214110852	1.095141024	1.346004878	0.000226737
<i>STYK1</i>	4.16E-05	1.510865964	1.289055989	1.770843145	3.50E-07
<i>TRIM46</i>	4.16E-05	1.513227644	1.30472291	1.755053035	4.34E-08
<i>GABRB3</i>	4.23E-05	0.819085327	0.747606582	0.897398164	1.84E-05
<i>ATP2C2</i>	4.25E-05	1.240667179	1.085070361	1.418576255	0.001609882
<i>NAPSA</i>	4.30E-05	0.804388093	0.724772111	0.892749864	4.25E-05

<i>WT1-AS</i>	4.38E-05	1.414483589	1.26599657	1.580386448	8.89E-10
<i>ARHGAP22</i>	4.46E-05	2.135561873	1.560336723	2.922846361	2.15E-06
<i>PCBP3</i>	4.50E-05	1.260726815	1.149879861	1.382259273	8.05E-07
<i>NCF4</i>	4.65E-05	2.231593129	1.489781578	3.3427772	9.88E-05
<i>KRTAP2-3</i>	4.67E-05	1.35508916	1.231154756	1.491499442	5.32E-10
<i>FRAS1</i>	4.69E-05	0.756227886	0.667919723	0.856211603	1.03E-05
<i>SFXN2</i>	4.69E-05	0.492870679	0.363321912	0.66861232	5.44E-06
<i>NTNG1</i>	4.71E-05	1.207924935	1.079100694	1.352128357	0.001027038
<i>MUC12</i>	4.79E-05	1.398780451	1.238467908	1.57984453	6.53E-08
<i>C2CD4A</i>	4.87E-05	1.188821068	1.091743668	1.294530551	6.91E-05
<i>PCDHGC5</i>	4.89E-05	1.451296935	1.227527027	1.715858591	1.30E-05
<i>CD7</i>	4.95E-05	1.549135176	1.245955465	1.926087937	8.19E-05
<i>LILRB3</i>	5.04E-05	1.855204668	1.457215917	2.361890451	5.27E-07
<i>CRP</i>	5.05E-05	1.178464645	1.088917975	1.275375144	4.65E-05
<i>LINC00955</i>	5.26E-05	0.784106397	0.671780695	0.91521362	0.002048685
<i>QRFPR</i>	5.26E-05	0.787660158	0.718476765	0.863505343	3.61E-07
<i>ACAP1</i>	5.30E-05	1.779033091	1.327109592	2.384851077	0.000116857
<i>DAND5</i>	5.34E-05	1.271530739	1.114466163	1.450730829	0.000355585
<i>GOLGA8A</i>	5.38E-05	1.314158223	1.145395966	1.507785853	9.79E-05
<i>SPTBN2</i>	5.44E-05	1.155417022	1.054426221	1.266080516	0.001964061
<i>SH2D2A</i>	5.46E-05	1.533365232	1.259257781	1.8671387	2.10E-05
<i>CLDN11</i>	5.65E-05	1.343844158	1.170649365	1.542662709	2.69E-05
<i>SEMA3E</i>	5.78E-05	1.216742072	1.09956074	1.34641154	0.000146503
<i>LINC01355</i>	5.81E-05	1.581318629	1.32912332	1.881366889	2.35E-07
<i>P2RX5</i>	5.86E-05	1.423083267	1.238953969	1.63457726	6.01E-07
<i>AANAT</i>	5.99E-05	1.404144695	1.189450524	1.657590865	6.09E-05
<i>SMKR1</i>	6.12E-05	1.32224226	1.169053371	1.495504515	8.74E-06
<i>LINC00926</i>	6.15E-05	1.587736409	1.326021507	1.901105594	4.89E-07
<i>POU2F2</i>	6.18E-05	1.706422742	1.347095608	2.161597555	9.43E-06
<i>BUB1</i>	6.26E-05	1.751986298	1.412862373	2.172508834	3.24E-07
<i>AVPR1B</i>	6.69E-05	0.819335269	0.750675466	0.894274975	8.11E-06
<i>FER1L4</i>	6.71E-05	1.367834425	1.179570514	1.586145969	3.38E-05
<i>FREM1</i>	6.92E-05	0.789055089	0.711480667	0.875087634	7.22E-06
<i>STMN2</i>	6.99E-05	1.16018823	1.068404316	1.259857068	0.000410117
<i>N4BP2L2-IT2</i>	7.01E-05	1.45440477	1.213814743	1.742682108	4.90E-05
<i>CDCA5</i>	7.11E-05	1.872768489	1.423813019	2.463288203	7.23E-06
<i>ZPI</i>	7.14E-05	1.279043753	1.168348741	1.400226545	9.89E-08
<i>PLA2G4D</i>	7.19E-05	1.236819561	1.109469955	1.378786888	0.000126211
<i>PROX1-AS1</i>	7.32E-05	1.495135812	1.260026788	1.774113944	4.07E-06
<i>TMEM63C</i>	7.33E-05	1.346012555	1.182073031	1.532688549	7.32E-06

<i>AQP9</i>	7.36E-05	1.256046542	1.11398419	1.41622559	0.00019717
<i>OPHN1</i>	7.37E-05	0.519070113	0.396867732	0.678900702	1.69E-06
<i>LINC00323</i>	7.43E-05	1.182345542	1.071972836	1.304082467	0.000808232
<i>CA4</i>	7.46E-05	0.760856007	0.688989518	0.840218679	6.70E-08
<i>LINC00488</i>	7.59E-05	1.210217943	1.097488108	1.33452696	0.00013095
<i>CYP3A4</i>	7.65E-05	0.686497554	0.578912791	0.814075797	1.52E-05
<i>LINC00565</i>	7.77E-05	1.623942598	1.384048258	1.905417347	2.76E-09
<i>SLC34A1</i>	8.39E-05	0.846587972	0.774162094	0.925789572	0.000262414
<i>THRSP</i>	8.40E-05	1.145736149	1.056514249	1.242492778	0.001005392
<i>ESRRG</i>	8.55E-05	0.742587397	0.669556926	0.823583508	1.76E-08
<i>NME8</i>	9.00E-05	1.523320776	1.25755813	1.845247653	1.69E-05
<i>CYP4A22</i>	9.10E-05	0.848437833	0.791838575	0.909082709	3.07E-06
<i>TRNP1</i>	9.11E-05	1.337775569	1.174712322	1.523473824	1.14E-05
<i>OVOL1</i>	9.14E-05	0.749646383	0.66881922	0.840241553	7.41E-07
<i>RNF175</i>	9.32E-05	1.57423885	1.318842959	1.879092534	5.05E-07
<i>IGFL2</i>	9.56E-05	1.313207153	1.18275926	1.458042295	3.32E-07
<i>CYP11A1</i>	9.81E-05	1.114558137	1.027543686	1.208941146	0.008919942
<i>IBSP</i>	0.000100566	1.174301146	1.083546981	1.272656569	9.03E-05
<i>TNFSF13B</i>	0.000101128	1.669505014	1.269805881	2.195018177	0.000241889
<i>XKR4</i>	0.000101471	1.214523083	1.015941735	1.451920192	0.032876179
<i>KIF18A</i>	0.000105135	1.921636785	1.50389476	2.45541645	1.76E-07
<i>FCGR1B</i>	0.000105816	1.550919116	1.282285067	1.875831021	6.12E-06
<i>ADAM11</i>	0.000108126	1.473917728	1.250780828	1.736861823	3.63E-06
<i>ITIH2</i>	0.000112504	1.306502604	1.14855004	1.48617735	4.77E-05
<i>FOXM1</i>	0.000114153	2.331827002	1.781580234	3.052019247	7.03E-10
<i>LINC00342</i>	0.000117159	1.641154605	1.314720645	2.048639344	1.20E-05
<i>CPA3</i>	0.000120395	0.810452921	0.728904631	0.901124659	0.00010271
<i>MASP1</i>	0.000123436	0.808181656	0.728552027	0.896514683	5.72E-05
<i>JPH4</i>	0.000128598	0.60799541	0.505639801	0.731070649	1.22E-07
<i>SUCLG2-AS1</i>	0.000131221	0.656954155	0.536948319	0.803780822	4.46E-05
<i>PPEF1</i>	0.000135863	1.345371215	1.157059024	1.564331351	0.000115189
<i>TMPPE</i>	0.000137926	0.693314717	0.573169211	0.838644657	0.000161756
<i>FABP5</i>	0.000137983	1.896460226	1.369353893	2.626465961	0.000117228
<i>KDF1</i>	0.000138122	0.71514609	0.63449763	0.806045455	3.98E-08
<i>CPNE6</i>	0.000141074	0.686771757	0.494074895	0.954623379	0.025328947
<i>CDC25C</i>	0.000141308	1.665743268	1.391186546	1.994484955	2.81E-08
<i>INHBE</i>	0.000145781	1.323517651	1.19032809	1.471610212	2.22E-07
<i>ANLN</i>	0.000146729	1.595410673	1.271302489	2.00214759	5.54E-05
<i>DAO</i>	0.000150895	0.83927581	0.76769217	0.917534283	0.000117109
<i>HS6ST3</i>	0.000152738	0.790989038	0.695357637	0.899772471	0.000361956

<i>OCLN</i>	0.000153045	0.754295779	0.673629821	0.84462134	1.03E-06
<i>ABCA17P</i>	0.000154031	1.310196042	1.15176295	1.49042272	3.98E-05
<i>RHEBL1</i>	0.000160198	2.049204156	1.525294714	2.75306643	1.91E-06
<i>CYP21A1P</i>	0.000163999	1.240425633	1.082030091	1.422008281	0.001994618
<i>COBLL1</i>	0.000166803	0.451324354	0.319343082	0.637852155	6.56E-06
<i>GPC2</i>	0.000167683	1.566174965	1.326830355	1.848694531	1.15E-07
<i>BATF</i>	0.000167902	1.563163405	1.251797962	1.9519762	8.10E-05
<i>TACRI</i>	0.000176199	0.74601788	0.65784517	0.846008609	4.98E-06
<i>BUB1B</i>	0.00017788	1.935165126	1.513515328	2.47428222	1.40E-07
<i>SCGB1D2</i>	0.000178404	0.81050184	0.740259198	0.887409754	5.56E-06
<i>TEX11</i>	0.000179079	0.89293495	0.825764141	0.965569688	0.004538835
<i>LINC00652</i>	0.000181808	1.742605654	1.382607406	2.196338925	2.55E-06
<i>LSMEM1</i>	0.000182512	1.645719186	1.354957944	1.998875058	5.10E-07
<i>AFM</i>	0.000183303	0.800399157	0.72509276	0.883526695	1.00E-05
<i>DNER</i>	0.000185675	1.15760673	1.0675172	1.255299064	0.000399337
<i>HCN4</i>	0.000188713	1.308455461	1.125452987	1.521214758	0.000469739
<i>SNTG1</i>	0.000189401	1.258470543	1.087691258	1.456064022	0.002004101
<i>HOXB9</i>	0.000190959	1.264663065	1.124576872	1.422199503	8.85E-05
<i>SLC22A13</i>	0.000192338	0.852708394	0.780985789	0.931017716	0.000378776
<i>AIM2</i>	0.000192597	1.407110914	1.219038892	1.624198487	3.08E-06
<i>ABCB1</i>	0.000193036	0.78687916	0.691204609	0.895796705	0.000290478
<i>LINC00551</i>	0.000194422	0.725475672	0.622666999	0.845259106	3.85E-05
<i>CYSLTR1</i>	0.000196871	0.658431271	0.540669921	0.801841792	3.23E-05
<i>RRM2</i>	0.000197329	1.852629387	1.42467765	2.409131388	4.20E-06
<i>TMEM174</i>	0.000198602	0.818447633	0.764895215	0.875749403	6.53E-09
<i>EGFL8</i>	0.000205088	1.281767622	1.11113387	1.478605127	0.000659838
<i>CXorf65</i>	0.000205276	1.299572141	1.149222561	1.469591538	2.95E-05
<i>UHRF1</i>	0.000207143	1.767672847	1.398358105	2.234525821	1.90E-06
<i>SSC4D</i>	0.000209282	1.46072665	1.212251247	1.760132111	6.80E-05
<i>SLC22A12</i>	0.000209505	0.854534775	0.798803842	0.914153942	4.91E-06
<i>CYP27B1</i>	0.00021047	1.218488912	1.059567505	1.401246472	0.0055808
<i>NDC80</i>	0.000210736	2.556265223	1.86715674	3.499701845	4.74E-09
<i>RELT</i>	0.000213633	3.016063413	2.110852702	4.309461528	1.33E-09
<i>HAPLN3</i>	0.000216431	2.098850748	1.592545262	2.766121985	1.41E-07
<i>EDAR</i>	0.000219021	0.782193725	0.699372577	0.874822724	1.69E-05
<i>ERMN</i>	0.000221016	1.482936244	1.257186358	1.749223486	2.92E-06
<i>B4GALNT4</i>	0.000227629	1.221808717	1.12257564	1.329813766	3.56E-06
<i>BCAS1</i>	0.000228413	1.201271325	1.088354543	1.325903222	0.000271546
<i>CCL11</i>	0.000233483	1.201031888	1.101676059	1.309348228	3.21E-05
<i>HACD1</i>	0.000235885	1.454977535	1.232210952	1.718017215	9.75E-06

<i>NTNG2</i>	0.000237198	1.437905098	1.247754368	1.657033727	5.21E-07
<i>YJEFN3</i>	0.000239288	1.371099693	1.194876933	1.573312127	6.91E-06
<i>LINC00900</i>	0.000239868	1.297419563	1.102536693	1.52674966	0.00171617
<i>CSRNP3</i>	0.00024971	0.79163218	0.665309079	0.941940411	0.008430839
<i>RNASET2</i>	0.000250132	1.892108804	1.343129255	2.665473715	0.000265129
<i>COCH</i>	0.00025966	1.129923146	1.016347838	1.256190319	0.023822372
<i>EZH2</i>	0.000270457	2.565150861	1.763665083	3.730866478	8.29E-07
<i>SYT3</i>	0.000275338	1.320081256	1.167276238	1.492889572	9.68E-06
<i>NLGN3</i>	0.000275437	1.508652274	1.234576222	1.843573238	5.82E-05
<i>SLC22A15</i>	0.000278497	1.295656197	1.084473281	1.54796343	0.004326988
<i>BEST4</i>	0.000279413	1.234513051	1.091671463	1.396044988	0.000785164
<i>NOS1AP</i>	0.000279923	0.688545872	0.565826456	0.837881319	0.000194492
<i>DIRAS2</i>	0.000285887	0.811737524	0.735150099	0.896303774	3.71E-05
<i>ITGB2-AS1</i>	0.000286338	1.40024854	1.190691483	1.64668682	4.70E-05
<i>TNNI2</i>	0.000287338	1.340676857	1.118353007	1.607197748	0.001529168
<i>TMEM262</i>	0.000295584	1.802427932	1.437141469	2.260561343	3.43E-07
<i>KLRC2</i>	0.000295836	1.50608033	1.290948285	1.757063383	1.92E-07
<i>SLC22A7</i>	0.000296573	0.84026929	0.771289191	0.915418611	6.83E-05
<i>AGRP</i>	0.000312385	1.2900243	1.109247702	1.500262469	0.000946608
<i>CPNE7</i>	0.00031577	1.433657029	1.270472123	1.617802107	5.14E-09
<i>CENPF</i>	0.000315787	1.813712327	1.422550452	2.312432856	1.56E-06
<i>NBPF8</i>	0.000321577	1.694156615	1.341466666	2.139573578	9.57E-06
<i>PHYHIP</i>	0.00032424	1.473822344	1.237185438	1.755720876	1.40E-05
<i>ASPM</i>	0.000327671	1.555329103	1.287602589	1.878723015	4.59E-06
<i>STRA6</i>	0.000330545	1.307823285	1.165086774	1.468046659	5.33E-06
<i>FOXE1</i>	0.000330718	1.280085045	1.141465633	1.435538377	2.41E-05
<i>OASL</i>	0.000335138	1.613136843	1.250253941	2.081345547	0.000235296
<i>DOCK3</i>	0.000337786	1.235401159	1.080257691	1.41282588	0.002018604
<i>MARVELD2</i>	0.000337924	0.720876833	0.612292387	0.848717736	8.52E-05
<i>MT1HL1</i>	0.00033955	1.279147963	1.121538444	1.458906309	0.00024289
<i>BDKRB1</i>	0.000340677	1.157962655	1.044995409	1.283142012	0.005105096
<i>HMGCS2</i>	0.000342416	0.813559579	0.757047807	0.874289816	1.94E-08
<i>CCNE2</i>	0.000345391	1.857953375	1.371467898	2.517004408	6.35E-05
<i>KIT</i>	0.000345626	0.673953963	0.564631907	0.804442573	1.24E-05
<i>SIX2</i>	0.000349267	1.319272492	1.172111139	1.484910305	4.40E-06
<i>PRELID2</i>	0.000351854	0.693761361	0.551800071	0.872244951	0.001747362
<i>CST2</i>	0.000352219	1.278494329	1.156673375	1.413145477	1.52E-06
<i>SMTNL1</i>	0.000352475	1.246619694	1.098399491	1.414841025	0.000642088
<i>ABAT</i>	0.000355393	0.606885473	0.486809608	0.756579105	9.00E-06
<i>LINC00607</i>	0.000364441	1.679584761	1.409211023	2.001832886	7.02E-09

<i>WFDC12</i>	0.000364664	1.112849711	1.008477157	1.228024324	0.033340224
<i>UCA1</i>	0.00037655	1.116588416	1.000132485	1.246604535	0.049725088
<i>AGR2</i>	0.000379701	1.100604695	1.012074103	1.196879448	0.025060102
<i>CENPM</i>	0.000381151	1.871769113	1.442586501	2.428637457	2.39E-06
<i>KIF4A</i>	0.000389775	2.120887343	1.634560184	2.751910372	1.54E-08
<i>COLCA1</i>	0.000392711	0.723491591	0.633873247	0.825780365	1.61E-06
<i>CENPE</i>	0.000400128	1.637209981	1.342419558	1.996735303	1.13E-06
<i>BEST1</i>	0.000403997	1.630292782	1.283980191	2.070012118	6.03E-05
<i>ERC2</i>	0.000415189	1.349743827	1.155037223	1.577272456	0.000161065
<i>HRH2</i>	0.000420995	0.781012456	0.699328563	0.872237297	1.16E-05
<i>FCHO1</i>	0.000424618	1.518219157	1.271523148	1.812778172	3.93E-06
<i>SPINK1</i>	0.000427391	1.163971005	1.06961978	1.266644957	0.000430863
<i>RAET1E</i>	0.000441594	0.621699275	0.507385489	0.761767921	4.54E-06
<i>SULT2B1</i>	0.000448624	1.296357098	1.157070552	1.452410766	7.62E-06
<i>FSTL4</i>	0.000449565	0.746468904	0.640199925	0.870377836	0.000190162
<i>BTBD19</i>	0.000462087	1.781304491	1.317036578	2.409231255	0.000178663
<i>PAQR6</i>	0.000462639	1.367481881	1.174526532	1.592136613	5.51E-05
<i>SUCNR1</i>	0.0004645	0.788090872	0.681286506	0.911638813	0.001350501
<i>C19orf84</i>	0.000466014	1.306270252	1.096676126	1.555921506	0.002751991
<i>PIEZO2</i>	0.000467643	0.744069565	0.632694167	0.87505077	0.000352471
<i>TREH</i>	0.000471035	0.851310954	0.775278174	0.934800392	0.000745047
<i>FGF1</i>	0.000478799	0.757943698	0.646211766	0.888994413	0.000659201
<i>SRL</i>	0.000479701	0.577252632	0.474849186	0.70173986	3.49E-08
<i>ATP2A1</i>	0.000484011	1.398167013	1.216284532	1.607248095	2.43E-06
<i>PLCG1-AS1</i>	0.000486934	1.297740422	1.080223452	1.559057249	0.005362862
<i>CLEC18A</i>	0.000492939	0.83699302	0.763165818	0.917962124	0.000158829
<i>KHDRBS2</i>	0.000499311	1.21373848	1.019399752	1.445126013	0.02957142
<i>DTX2P1- UPK3BP1- PMS2P11</i>	0.000500571	1.4429181	1.179402065	1.765312021	0.000365666
<i>FCGR1A</i>	0.000503806	1.463279953	1.173455244	1.824686737	0.000724144
<i>FCGR1CP</i>	0.000507132	1.472664767	1.240357293	1.748481286	9.91E-06
<i>NCAPH</i>	0.000514961	1.991741991	1.53890509	2.577830292	1.65E-07
<i>LINC00299</i>	0.000517511	1.372399252	1.189256887	1.583745048	1.48E-05
<i>CD72</i>	0.000519709	1.63396674	1.298147252	2.05665983	2.88E-05
<i>BLM</i>	0.000522793	1.779174114	1.376905774	2.298966703	1.05E-05
<i>SLC17A2</i>	0.000523765	0.868987521	0.798240818	0.946004383	0.001190607
<i>CACNG4</i>	0.000524913	1.172614392	1.071559314	1.283199628	0.000534018
<i>POU5F1P3</i>	0.000529292	1.303448349	1.120784571	1.515882394	0.000581283
<i>C5orf58</i>	0.000536588	1.392826975	1.178616566	1.645969553	0.000100744

<i>LHFPL3-AS2</i>	0.000552678	0.848948718	0.777794339	0.92661246	0.000245852
<i>NPC1L1</i>	0.000558638	1.163963142	1.068368549	1.268111268	0.00051571
<i>TMEM74B</i>	0.000562471	1.593294422	1.246590051	2.036424977	0.0001989
<i>NPPA</i>	0.00056778	1.251857941	1.086047021	1.442983842	0.001944281
<i>LINC00894</i>	0.000573457	1.380560261	1.201771996	1.585946954	5.18E-06
<i>MS4A14</i>	0.000577026	1.426462403	1.190432708	1.709290221	0.000118696
<i>DHRS2</i>	0.0005788	1.151350971	1.052823315	1.259099262	0.002016963
<i>PLB1</i>	0.000581262	1.566015288	1.219608141	2.010812981	0.000437478
<i>NCAM2</i>	0.000581921	1.381998727	1.2087705	1.580052195	2.19E-06
<i>SERPINA5</i>	0.000588165	1.164393445	1.05876375	1.280561499	0.001707866
<i>RPL34-AS1</i>	0.00060554	0.512219615	0.387047623	0.677872485	2.88E-06
<i>PLEKHN1</i>	0.000635245	1.425543262	1.158207559	1.754584984	0.000819638
<i>ASMTL-AS1</i>	0.000635651	1.354844804	1.179043504	1.556858959	1.85E-05
<i>LCN2</i>	0.00063728	1.135587433	1.046967496	1.231708551	0.002161378
<i>DLG2</i>	0.000638333	0.708703177	0.579564576	0.866616445	0.000794205
<i>FAIM2</i>	0.000649829	1.233624804	1.071618601	1.420122938	0.00346767
<i>CKAP2L</i>	0.000658397	1.573854429	1.266835362	1.955279935	4.20E-05
<i>CTHRC1</i>	0.00066365	1.523985049	1.216809712	1.908704712	0.000243878
<i>HAP1</i>	0.000671447	1.184656577	1.032445956	1.359307184	0.015733494
<i>COL9A3</i>	0.000675887	1.184188174	1.043186258	1.344248565	0.008959327
<i>CDKN2B-AS1</i>	0.00067722	1.443920212	1.204149131	1.73143469	7.34E-05
<i>RDM1</i>	0.000678926	1.343114566	1.131000921	1.595009079	0.000769184
<i>FMNL1</i>	0.000685664	2.314309993	1.545734212	3.465039917	4.61E-05
<i>TH2LCRR</i>	0.000686004	1.211923072	1.037783231	1.415283545	0.015158987
<i>LINC00472</i>	0.000686653	0.788700447	0.656420539	0.947637007	0.011271641
<i>CNGA1</i>	0.000706092	0.732924623	0.64437951	0.833636847	2.25E-06
<i>PRAM1</i>	0.000706712	1.319416815	1.048124352	1.660929574	0.018266514
<i>FOLH1B</i>	0.000729098	0.816874072	0.727102251	0.917729589	0.000660812
<i>FAM83E</i>	0.000732005	1.227709153	1.091400306	1.381042094	0.000634235
<i>AQP4</i>	0.000732444	0.810480251	0.736033247	0.89245729	1.92E-05
<i>SH3GLIP1</i>	0.000748228	1.39801486	1.17442264	1.66417564	0.000164492
<i>INTS6L</i>	0.000779268	1.768577116	1.295891919	2.413677383	0.000326143
<i>AGBL4</i>	0.000783606	0.597798952	0.472229124	0.756758887	1.90E-05
<i>ATG16L2</i>	0.000793889	1.560797203	1.213912572	2.006806723	0.000517446
<i>NMU</i>	0.000815701	1.210873452	1.107721669	1.323630798	2.53E-05
<i>SCNN1D</i>	0.000816334	1.348709168	1.163116166	1.563916376	7.48E-05
<i>GCNT4</i>	0.000837534	0.675567321	0.579064837	0.788152164	6.13E-07
<i>PTGER1</i>	0.00084508	1.236453307	1.128242088	1.35504321	5.57E-06
<i>CLEC2B</i>	0.000868637	2.536842214	1.717390337	3.747295116	2.91E-06
<i>TMEM38A</i>	0.000876911	0.660333415	0.528125116	0.825638102	0.000271753

<i>CCDC178</i>	0.000883968	0.751655501	0.651765776	0.866854341	8.71E-05
<i>RERGL</i>	0.00089066	0.797241801	0.718006796	0.885220714	2.21E-05
<i>KCNH1</i>	0.000921254	1.423299498	1.165825117	1.737637517	0.000526415
<i>ELOVL2</i>	0.000923813	1.19290972	1.0286044	1.383460543	0.019649712
<i>EXO1</i>	0.000930766	1.519683233	1.227558562	1.88132542	0.000121852
<i>NHLH1</i>	0.000938865	1.463382834	1.190888132	1.798228787	0.000292666
<i>LINC01607</i>	0.000944108	1.168985492	1.039474037	1.3146332	0.009155808
<i>XRCC2</i>	0.000949064	1.692227815	1.363204196	2.100664731	1.85E-06
<i>CAPN8</i>	0.000953841	1.260163449	1.13189542	1.402966997	2.42E-05
<i>PPM1J</i>	0.000966746	1.481079648	1.211475527	1.810681995	0.000127504
<i>ANXA13</i>	0.000973697	0.894491117	0.824273771	0.970690062	0.007514112
<i>SLC9A5</i>	0.000976963	1.604404919	1.299398164	1.981005679	1.11E-05
<i>TYMP</i>	0.000991432	2.592798724	1.456406229	4.615886069	0.001205438
<i>RPS6KA6</i>	0.001010138	0.903190953	0.824735978	0.989109145	0.028080905
<i>CCDC13-AS1</i>	0.00102315	1.181918811	1.013155717	1.378793064	0.033484055
<i>PKD1L1</i>	0.001029592	0.742620181	0.610302637	0.903625022	0.002957059
<i>ZDHHC15</i>	0.001032287	0.736436831	0.649454214	0.835069193	1.84E-06
<i>SLC12A5</i>	0.001044841	1.493983171	1.251006639	1.784151776	9.30E-06
<i>SCG2</i>	0.001048953	1.175632183	1.040960078	1.32772722	0.009142794
<i>MMP25-AS1</i>	0.001058097	1.55373532	1.216608919	1.984280574	0.000413875
<i>VSNL1</i>	0.001060619	1.154564818	1.024377986	1.30129692	0.018545384
<i>ABCA13</i>	0.001083032	1.219075603	1.001582738	1.483796863	0.048184526
<i>LMO1</i>	0.001085665	1.199001451	1.097661827	1.309697071	5.62E-05
<i>DEPDC1</i>	0.00113938	1.55690371	1.282893245	1.889439493	7.39E-06
<i>USP2</i>	0.001141051	0.667741327	0.572315787	0.779077723	2.85E-07
<i>AFAP1-AS1</i>	0.00114514	1.202195611	1.095387671	1.319418071	0.000104796
<i>TEN1-CDK3</i>	0.00114955	1.353914208	1.141805443	1.605425595	0.00049146
<i>GSTM3</i>	0.001154085	0.762437993	0.610282319	0.952529142	0.016931769
<i>LMX1B</i>	0.001157145	1.184033872	1.055725888	1.327935809	0.003894049
<i>ZNF804B</i>	0.001159484	0.745762429	0.613033665	0.907228482	0.003350352
<i>TMEM75</i>	0.001180738	1.272259553	1.091127426	1.483460439	0.00211974
<i>PTPN7</i>	0.001181035	1.373708864	1.118083749	1.687777007	0.002507369
<i>FRMD1</i>	0.001182683	0.876601932	0.79371222	0.968148062	0.009358419
<i>LIPH</i>	0.001184564	1.13483306	1.039270047	1.239183289	0.004829607
<i>HSD11B2</i>	0.00120345	0.606359448	0.499281781	0.736401355	4.50E-07
<i>STEAP1B</i>	0.001205303	1.405955833	1.201487776	1.645220073	2.15E-05
<i>CACNB4</i>	0.001210307	1.258217191	1.086960999	1.456455659	0.002090981
<i>NEK2</i>	0.001222397	1.709611973	1.383504113	2.112587214	6.83E-07
<i>OSM</i>	0.001239153	1.436670558	1.223880245	1.686457724	9.42E-06
<i>EPS8LI</i>	0.001252353	1.18236857	1.050980738	1.330181787	0.005314928

<i>CLMP</i>	0.001294347	1.313113448	1.193938721	1.444183773	2.01E-08
<i>PRRT2</i>	0.001318767	1.397655755	1.183658974	1.65034157	7.86E-05
<i>GPRIN1</i>	0.001319485	1.58554287	1.269614536	1.980086177	4.79E-05
<i>ADAM12</i>	0.001336918	1.313924365	1.160148539	1.488082929	1.72E-05
<i>MTCP1</i>	0.001341912	1.348695493	1.036428192	1.755046368	0.025997483
<i>TMC8</i>	0.001343151	1.64466148	1.235561269	2.189216716	0.00065081
<i>LINC00944</i>	0.001355313	1.293862095	1.127146116	1.485237004	0.000251657
<i>CASP5</i>	0.001363695	1.393167543	1.184133511	1.639102164	6.40E-05
<i>EDA2R</i>	0.001365226	0.62805296	0.507570325	0.777134717	1.87E-05
<i>KCNMA1</i>	0.001365572	0.853539036	0.744229705	0.978903262	0.023517769
<i>SKIDA1</i>	0.001380947	0.813085673	0.695095506	0.951104281	0.009691451
<i>RASL10A</i>	0.001395563	1.275747779	1.069063503	1.522390756	0.006923181
<i>GAD1</i>	0.001407943	1.176611119	1.078290855	1.283896381	0.000259189
<i>CORO1A</i>	0.001408024	1.592934298	1.089505482	2.328982937	0.016293195
<i>ZNF503-AS2</i>	0.001453753	0.734343139	0.578340834	0.932425681	0.01127105
<i>TRPM2</i>	0.001467094	1.654900007	1.262810853	2.168728616	0.000260916
<i>GLOD5</i>	0.001477734	0.792834281	0.712594384	0.88210939	2.01E-05
<i>INSRR</i>	0.00147836	1.195078308	1.059513537	1.347988592	0.003719462
<i>GOLGA7B</i>	0.001485455	1.238262343	1.077067077	1.423582303	0.002670711
<i>KCNS1</i>	0.001513078	1.179205587	1.096868802	1.267723007	8.06E-06
<i>MMP9</i>	0.001515178	1.367527219	1.161367255	1.610283643	0.000173822
<i>PSCA</i>	0.001532465	1.1490528	1.030056251	1.281796345	0.012743018
<i>PIP5K1B</i>	0.001557331	0.701625807	0.602400504	0.817195155	5.24E-06
<i>ANGPTL3</i>	0.001581621	0.818026044	0.747521807	0.89518005	1.25E-05
<i>TAS2R5</i>	0.001590936	1.300308609	1.092606988	1.547493744	0.003102543
<i>RP1</i>	0.001591082	1.542694	1.270764451	1.872813467	1.18E-05
<i>TMIE</i>	0.001594441	1.276278875	1.107674525	1.470547286	0.00073928
<i>TMEM35A</i>	0.001620945	0.877408664	0.775734436	0.992409165	0.037413545
<i>MGAM2</i>	0.001624875	0.822271278	0.720968349	0.937808235	0.003532223
<i>TNIP3</i>	0.001625986	1.229104702	1.091627198	1.383895867	0.000653039
<i>KLRG2</i>	0.001693134	1.142930934	1.013483214	1.288912437	0.029380346
<i>FOXJ1</i>	0.001701332	1.149997117	1.043177885	1.267754416	0.004956842
<i>RPL23AP32</i>	0.001714426	1.243776052	1.117722369	1.384045727	6.30E-05
<i>FAM155B</i>	0.001755147	1.178752027	1.053354721	1.319077337	0.004160271
<i>TMEM45A</i>	0.001764905	1.355026609	1.123117098	1.634822508	0.001512479
<i>CXCL13</i>	0.001775501	1.216749843	1.097475072	1.348987525	0.000193821
<i>MARVELD3</i>	0.001784525	0.772098554	0.682317502	0.873693223	4.12E-05
<i>EGFL6</i>	0.00178488	1.175516071	1.072079853	1.288932004	0.00057954
<i>OSCAR</i>	0.001801694	1.95851212	1.47103478	2.607531634	4.17E-06
<i>MUC13</i>	0.001823973	1.127239652	1.019768771	1.246036621	0.019134801

<i>ARHGAP9</i>	0.001839699	1.645392484	1.253745551	2.159382678	0.000330198
<i>UCHL1</i>	0.001871645	1.283688148	1.130198198	1.458023262	0.000121182
<i>CAMK2A</i>	0.001874621	1.301251172	1.113927405	1.520076267	0.000898761
<i>CDH18</i>	0.001903797	1.304375233	1.126640955	1.510148146	0.000377384
<i>C10orf82</i>	0.001904502	1.208626803	1.059255611	1.37906161	0.004873919
<i>LINC00475</i>	0.001917456	1.171762951	1.041295881	1.31857663	0.008492108
<i>ZNF683</i>	0.00192354	1.28077941	1.104718223	1.484899827	0.001038358
<i>ERVFRD-1</i>	0.001965799	0.732950234	0.593665151	0.904914234	0.003863281
<i>GGACTION</i>	0.001980688	0.680240896	0.533412795	0.867485147	0.001897366
<i>LAIR2</i>	0.001988648	1.269992593	1.125860104	1.432576909	0.000100763
<i>CEACAM4</i>	0.001989535	1.442573397	1.2177295	1.708932901	2.25E-05
<i>TPSB2</i>	0.002001813	0.854037606	0.769861114	0.947417943	0.002880379
<i>ENO2</i>	0.002008546	2.034892391	1.223929519	3.383190761	0.006162645
<i>TMEM145</i>	0.002042551	1.192115841	1.073275855	1.324114551	0.001038866
<i>HK3</i>	0.002047055	1.838055005	1.435854908	2.35291615	1.36E-06
<i>GABRQ</i>	0.002063991	0.787700943	0.688936933	0.900623475	0.000480753
<i>CDC6</i>	0.002067058	1.671939619	1.277109861	2.188834474	0.000184315
<i>KIF14</i>	0.002127823	1.658451004	1.372188757	2.004432495	1.67E-07
<i>FMO5</i>	0.002148996	0.707964817	0.572004084	0.876242313	0.001502447
<i>UBE2QL1</i>	0.002149913	0.792888753	0.703834297	0.893211054	0.000134643
<i>ERCC6L</i>	0.002170839	1.777182247	1.453439999	2.173035516	2.09E-08
<i>COL21A1</i>	0.002241663	0.786848718	0.703425899	0.880165069	2.76E-05
<i>EPHB2</i>	0.002322674	1.4685205	1.232582119	1.749621731	1.71E-05
<i>RGS6</i>	0.00234187	0.752405924	0.601259462	0.941548051	0.012905018
<i>FRY-AS1</i>	0.002353517	1.218057883	1.04015544	1.426387778	0.014337588
<i>DLK2</i>	0.002371037	1.421147119	1.208501372	1.671209632	2.14E-05
<i>RDH8</i>	0.002372694	1.289627388	1.118990828	1.486284568	0.000443818
<i>GDF7</i>	0.002410138	0.744866007	0.645147347	0.859997907	5.90E-05
<i>ITGAX</i>	0.002441067	1.654035765	1.217547264	2.247004607	0.00128561
<i>DEGS2</i>	0.002460925	0.828104374	0.711887	0.963294532	0.014499087
<i>ZPLD1</i>	0.002473598	1.24031095	1.121686726	1.371480304	2.68E-05
<i>WSCD2</i>	0.002476682	0.828612971	0.708769549	0.968720307	0.018340737
<i>MYH14</i>	0.002477168	0.883783166	0.803451622	0.972146504	0.011054633
<i>ARL14</i>	0.002522391	1.111346579	1.010881152	1.221796664	0.028974619
<i>ADAMTS10</i>	0.00255699	1.501150891	1.185287653	1.901187439	0.000751113
<i>ANO4</i>	0.002575534	0.795888974	0.714086936	0.887061822	3.70E-05
<i>LTK</i>	0.00266571	1.243066468	1.072838606	1.440304475	0.003783766
<i>E2F8</i>	0.002673661	1.196254496	1.017283168	1.406712373	0.030219448
<i>CBARP</i>	0.002685994	1.276530262	1.081558257	1.506649778	0.003888063
<i>DRC7</i>	0.002687582	1.177594563	1.044214183	1.328011991	0.007690215

<i>COL26A1</i>	0.002698404	1.156495373	1.031358809	1.296814975	0.012830922
<i>MYF6</i>	0.002702845	1.321542876	1.102182064	1.584561781	0.002607803
<i>PRDM16</i>	0.002725931	0.748496781	0.647941197	0.864657833	8.30E-05
<i>UBAP1L</i>	0.002736874	1.268076057	1.072633312	1.499130102	0.005419403
<i>REEP2</i>	0.002746631	1.320517153	1.169883383	1.490546473	6.83E-06
<i>NOD2</i>	0.002785091	1.506353514	1.247272311	1.819250607	2.09E-05
<i>DLG1-AS1</i>	0.002786562	1.239080496	1.05113098	1.460636691	0.01064629
<i>CEL</i>	0.002789233	1.261460514	1.111675136	1.431427741	0.00031635
<i>TTK</i>	0.002796781	1.831831054	1.444909305	2.322363762	5.73E-07
<i>KRT32</i>	0.002816731	1.195432209	1.042747129	1.370474324	0.010456825
<i>ALOX5</i>	0.002822966	1.480219975	1.111538515	1.971187814	0.007285378
<i>CLDN6</i>	0.002828555	1.205185825	1.035519994	1.402650726	0.015916239
<i>TOP2A</i>	0.002833168	1.736792557	1.283669053	2.349864537	0.000344982
<i>ETV4</i>	0.002901883	1.252974935	1.108412196	1.416392019	0.000311489
<i>SLC17A4</i>	0.002949578	0.863149217	0.799499175	0.931866591	0.000166231
<i>CLEC12B</i>	0.002956707	1.246985981	1.063427962	1.462227901	0.006589048
<i>ABCB4</i>	0.002997904	0.82327323	0.728295827	0.930636681	0.001874895
<i>THSD7A</i>	0.003120052	0.611355522	0.513235433	0.728234159	3.53E-08
<i>RRN3P2</i>	0.003123208	1.585288162	1.295721597	1.939566773	7.56E-06
<i>MATN1-AS1</i>	0.003137903	1.537710256	1.219311942	1.939251762	0.000277918
<i>LGALS12</i>	0.00315184	1.145840611	1.044798047	1.256655016	0.003847576
<i>LINC01214</i>	0.003155239	1.121056455	1.005631584	1.249729618	0.039277938
<i>CXCL5</i>	0.003161899	1.159858844	1.075883224	1.250388989	0.000110005
<i>SRD5A2</i>	0.003205677	1.314399305	1.113375077	1.551719245	0.001246092
<i>SERPINA4</i>	0.003298718	1.105020119	1.017424722	1.200157061	0.017792002
<i>C21orf62</i>	0.003320068	0.839260833	0.7580165	0.929212947	0.000742873
<i>ZBP1</i>	0.003341625	1.397332423	1.196957474	1.631250852	2.27E-05
<i>OIP5</i>	0.003352749	2.006758056	1.485174276	2.711518749	5.74E-06
<i>GPR19</i>	0.003431899	1.509228961	1.222365991	1.863412493	0.000129847
<i>SYNGR3</i>	0.003437569	1.120743185	1.006299713	1.248201973	0.038057394
<i>GNA15</i>	0.003468026	1.690283903	1.226334988	2.329754678	0.001344769
<i>LY6G5B</i>	0.003498917	1.258349222	1.088779228	1.454328595	0.00186003
<i>SEMA5B</i>	0.003573431	0.811759465	0.687112299	0.959018534	0.014209087
<i>KIFC1</i>	0.003608579	2.086546068	1.533672288	2.838725409	2.83E-06
<i>MT1G</i>	0.003624345	1.203358792	1.067115844	1.356996422	0.002531396
<i>MZB1</i>	0.003648997	1.277038786	1.137676123	1.433473048	3.36E-05
<i>SPC25</i>	0.003671993	1.645741001	1.280500103	2.115160659	9.98E-05
<i>CTLA4</i>	0.003708278	1.281183248	1.121634468	1.463427312	0.000260645
<i>C16orf74</i>	0.003711	1.28532805	1.116069771	1.480255302	0.000493516
<i>CHRDL1</i>	0.003721485	1.132487287	1.05208794	1.219030661	0.000928248

<i>CYTH4</i>	0.003771342	1.732208231	1.221151414	2.457144397	0.002069575
<i>LINC00158</i>	0.003784131	1.20455125	1.063911751	1.363782017	0.00330364
<i>KCNK17</i>	0.003852224	1.210986074	1.100537894	1.332518653	8.74E-05
<i>GREM2</i>	0.003867206	1.232048779	1.11477947	1.361654242	4.33E-05
<i>SLC6A16</i>	0.003867532	1.234402307	1.071170402	1.422508549	0.003614055
<i>CDC45</i>	0.00389043	1.80089335	1.404203915	2.309648067	3.59E-06
<i>KCNE1</i>	0.003899321	1.203598553	1.005254815	1.441076885	0.043694625
<i>SPINK13</i>	0.003932354	1.164272648	1.051698998	1.288896159	0.00337322
<i>SPII</i>	0.003938743	1.986505672	1.239489368	3.183734275	0.004343067
<i>SKA3</i>	0.003961315	1.851064631	1.438131822	2.382563417	1.74E-06
<i>PERM1</i>	0.004007621	1.1265688	1.002283737	1.266265445	0.045693755
<i>SEMA6D</i>	0.004058391	0.668303976	0.566598137	0.788266277	1.71E-06
<i>WAS</i>	0.00411798	1.782793489	1.220465438	2.604213546	0.002785998
<i>ADTRP</i>	0.004132387	1.193408183	1.048339415	1.358551507	0.007498423
<i>LURAP1</i>	0.004169109	0.762487154	0.649660798	0.894908024	0.000903532
<i>SIX4</i>	0.004220521	1.203230355	1.072269981	1.350185413	0.001650648
<i>HOGA1</i>	0.004245146	0.65656709	0.551213507	0.782056932	2.42E-06
<i>ALDH3B2</i>	0.004257269	1.184125004	1.032618956	1.357860049	0.015542409
<i>RAP1GAP</i>	0.004272571	0.679684843	0.575287523	0.803027124	5.67E-06
<i>OPN4</i>	0.004303894	1.268876382	1.118580382	1.439366629	0.000213817
<i>DLGAP3</i>	0.004413807	1.447624612	1.159727278	1.806991227	0.00107632
<i>RORB</i>	0.004467387	1.285983999	1.11305828	1.48577561	0.000640927
<i>CYP39A1</i>	0.00447126	0.790359903	0.693890435	0.900241226	0.000396677
<i>TP73</i>	0.004492037	1.282328618	1.093084975	1.504335639	0.002269662
<i>FABP1</i>	0.00455414	0.882537185	0.807757738	0.964239459	0.005673305
<i>PSORS1C2</i>	0.004562236	1.206469876	1.059562952	1.373745239	0.004606915
<i>E2F2</i>	0.004564922	1.442708568	1.164063457	1.788053734	0.00081573
<i>MT1H</i>	0.004619438	1.082694177	1.0034963	1.168142504	0.04036273
<i>CALB2</i>	0.004673234	1.351399122	1.183403004	1.543244003	8.74E-06
<i>E2F1</i>	0.004692596	1.556457623	1.108144139	2.186141897	0.01069869
<i>FGFBP2</i>	0.004787177	0.763542858	0.665473946	0.876063892	0.000119841
<i>SCNN1G</i>	0.004831822	1.159088739	1.079187296	1.244905968	5.10E-05
<i>CD300LG</i>	0.004840503	0.789467731	0.706995956	0.88155992	2.68E-05
<i>PGGHG</i>	0.004843278	1.558139819	1.214179875	1.999538738	0.000492228
<i>ILDR1</i>	0.004933798	0.708146566	0.609723375	0.822457494	6.19E-06
<i>Clorf226</i>	0.004954379	0.79586204	0.669129416	0.946597731	0.009876623
<i>ADAMTSL4</i>	0.005039614	1.680105141	1.3012844	2.169205506	6.89E-05
<i>ARSI</i>	0.005063173	1.297271715	1.172599647	1.435199053	4.45E-07
<i>SH3BP1</i>	0.005070929	1.649215288	1.211534911	2.24501254	0.00147571
<i>DLGAP5</i>	0.005078299	1.641000957	1.314298157	2.048914189	1.23E-05

<i>DCAF12L1</i>	0.005080191	0.916672815	0.85585921	0.981807569	0.012984923
<i>PRR7-AS1</i>	0.005105508	1.31073773	1.132386186	1.517179754	0.000287868
<i>VWA7</i>	0.005199681	0.652516554	0.540832684	0.787263539	8.30E-06
<i>UGT3A1</i>	0.005348602	0.893357216	0.838042471	0.952322994	0.000544354
<i>ST8SIA4</i>	0.005369105	0.745466268	0.598091023	0.929156156	0.008954537
<i>ALDH1L1-AS2</i>	0.005407116	0.799148	0.728757182	0.876337883	1.88E-06
<i>IGF2BP2</i>	0.005417987	1.297358115	1.160082512	1.4508779	5.06E-06
<i>C3orf70</i>	0.005421657	0.670083906	0.559176737	0.802988414	1.45E-05
<i>E2F7</i>	0.005437	1.603740662	1.342883893	1.915269164	1.84E-07
<i>LHFPL3</i>	0.005442394	0.872301086	0.78253002	0.972370601	0.013677859
<i>XK</i>	0.00551161	1.192034938	1.068190876	1.330237251	0.001697524
<i>FAM167A</i>	0.005554888	1.179543961	1.031475456	1.348867729	0.015831333
<i>P2RY2</i>	0.00559216	1.375636203	1.144218339	1.653858269	0.000690053
<i>KCNK10</i>	0.005605727	0.725412337	0.594004367	0.885890891	0.001642822
<i>CYP2J2</i>	0.005643762	0.872659948	0.789896305	0.964095387	0.007380182
<i>DNAJC6</i>	0.005707657	0.714649639	0.589362511	0.866570398	0.000635024
<i>NAALADL2</i>	0.005719464	0.598842224	0.48315867	0.7422241	2.84E-06
<i>IL27</i>	0.005792766	1.460488509	1.245524851	1.71255249	3.12E-06
<i>NOS1</i>	0.005824507	0.73690791	0.603390579	0.899969748	0.002759481
<i>DPEP1</i>	0.006050196	0.891470007	0.806905624	0.984896807	0.023868358
<i>PCDHGB5</i>	0.0060609	0.800667686	0.694952036	0.922464732	0.002090691
<i>VENTX</i>	0.006060941	1.354356542	1.127542253	1.62679637	0.001180252
<i>ADD2</i>	0.006175183	1.21019644	1.074692247	1.362785883	0.001638838
<i>LINC00173</i>	0.006283021	1.162669089	1.018212714	1.327619851	0.025973696
<i>RELN</i>	0.006286263	1.127582594	1.019977309	1.246539991	0.018950185
<i>PCED1B-AS1</i>	0.006336099	1.553540356	1.182813712	2.040463018	0.001540521
<i>ALS2CL</i>	0.006400407	1.294004256	1.091112111	1.534624166	0.003055743
<i>MIR31HG</i>	0.006401667	1.110074569	1.010792728	1.219108047	0.028923389
<i>SCGB3A2</i>	0.006443941	1.138234555	1.049416574	1.234569699	0.001786598
<i>PRR36</i>	0.006449218	1.155614012	1.038157053	1.286360038	0.008175961
<i>ZPBP</i>	0.006461438	0.554776098	0.362738878	0.848479546	0.006569422
<i>MSH4</i>	0.00647439	1.278914218	1.100174107	1.486693395	0.001360531
<i>NKAIN1</i>	0.006547704	1.194532209	1.059546583	1.346714926	0.003668253
<i>CENPK</i>	0.006667168	1.640062357	1.258117432	2.137959832	0.000254713
<i>ZNF582-AS1</i>	0.006750498	0.743434494	0.616222886	0.896907368	0.001959838
<i>TMEM72</i>	0.006767739	0.784481328	0.709664006	0.86718637	2.07E-06
<i>CACNA2D4</i>	0.006796046	1.328253624	1.10330226	1.59907013	0.002714479
<i>XCR1</i>	0.006806097	0.854024744	0.76286652	0.956075858	0.006145657
<i>F7</i>	0.006831051	1.205247255	1.065960357	1.362734492	0.00288818
<i>LINC01146</i>	0.006833145	1.345753567	1.148009997	1.577558269	0.000250013

<i>LINC00893</i>	0.006884506	1.272946154	1.107713093	1.46282636	0.000668874
<i>IFNG</i>	0.006886817	1.161479651	1.048865418	1.286185012	0.004016829
<i>OR52K3P</i>	0.006921424	1.251950472	1.087968719	1.440648022	0.001706662
<i>COL9A2</i>	0.006952652	1.395618664	1.177908091	1.653568279	0.000117045
<i>F11</i>	0.007016351	0.84341847	0.761481364	0.934172193	0.001091194
<i>CAMK2N2</i>	0.007053224	1.360832288	1.191896358	1.553712706	5.22E-06
<i>B4GALNT1</i>	0.007073857	1.207574328	1.078219606	1.352447821	0.001103427
<i>FCGR2B</i>	0.007076309	1.267223328	1.055085455	1.522014124	0.011289235
<i>SIGLEC1</i>	0.00713662	1.401370185	1.122810116	1.749038745	0.002841338
<i>MAP3K15</i>	0.007184068	1.155336221	1.034164474	1.290705507	0.010642441
<i>KIRREL2</i>	0.007248648	1.209124178	1.061481085	1.377303183	0.004264298
<i>SP140</i>	0.007272884	1.375567251	1.148374675	1.647707236	0.000536056
<i>CPN2</i>	0.007273125	1.073940815	1.001184261	1.151984622	0.046257988
<i>ZNF385D</i>	0.007414997	1.194481157	1.030535899	1.384508037	0.018309943
<i>TMPRSS5</i>	0.007520378	1.204995015	1.027544185	1.413090558	0.021775252
<i>CARMIL2</i>	0.007572608	1.349160207	1.154283581	1.576937673	0.000168157
<i>XCL2</i>	0.007579867	1.306503099	1.10548073	1.544079695	0.001710566
<i>TNXB</i>	0.007607281	0.827399073	0.717988446	0.953482232	0.008839158
<i>RNASE3</i>	0.007631023	1.182278733	1.026656679	1.361490197	0.020056001
<i>GJB3</i>	0.007646595	1.166011155	1.058771888	1.284112309	0.001807638
<i>HMMR</i>	0.007654961	1.560337663	1.245803666	1.954283559	0.000107314
<i>SLC25A35</i>	0.007662668	1.645148045	1.197088608	2.260912076	0.002148261
<i>L1CAM</i>	0.007677605	1.247243252	1.131960313	1.374267024	8.01E-06
<i>ZAP70</i>	0.007684207	1.414993498	1.151181222	1.739262732	0.000976201
<i>MPP2</i>	0.007724633	1.30850263	1.146537275	1.493347987	6.65E-05
<i>CYP1A2</i>	0.00773218	1.147621906	1.009749438	1.304319657	0.03498444
<i>EPCAM</i>	0.007745443	0.755277101	0.627658331	0.908843985	0.002957601
<i>NUSAPI</i>	0.007754573	1.834676535	1.160291127	2.901028811	0.009434018
<i>PCSK9</i>	0.007851029	1.177405139	1.020112584	1.358950849	0.0256063
<i>SLFNLI-AS1</i>	0.007864008	1.167702265	1.003446909	1.358844766	0.045021697
<i>MYBL1</i>	0.007877548	1.57007599	1.241005247	1.986404668	0.000170416
<i>HUNK</i>	0.007881691	0.770298425	0.682936807	0.868835384	2.14E-05
<i>WNT4</i>	0.007901087	1.190710846	1.054330511	1.344732324	0.004917374
<i>VASH1</i>	0.007911013	0.667442121	0.471642834	0.94452614	0.022482861
<i>UNC5A</i>	0.007928739	1.187365517	1.059831277	1.330246523	0.003053479
<i>PHKG1</i>	0.007954191	1.499879869	1.227022365	1.833413705	7.59E-05
<i>CTBPI-AS</i>	0.008082349	1.273022755	1.072196129	1.511465012	0.005855517
<i>ARHGAP33</i>	0.008202254	1.473502362	1.189331538	1.825571039	0.000390907
<i>PADI3</i>	0.008215926	1.203683463	1.1159168	1.29835296	1.59E-06
<i>STX1B</i>	0.008383239	1.300926382	1.084767014	1.560159397	0.004545687

<i>PROX1</i>	0.008400848	1.26951808	1.115631087	1.44463181	0.000295003
<i>BCL2A1</i>	0.008634332	1.504436421	1.196186369	1.892120661	0.000480673
<i>CBLN2</i>	0.008685668	0.815723459	0.682510342	0.974937259	0.025157144
<i>TMEM178A</i>	0.008696246	1.236456955	1.053174152	1.451636273	0.009518101
<i>CDKN2B</i>	0.008732191	0.577972023	0.437524498	0.763503899	0.000113529
<i>BTBD11</i>	0.008788463	1.25717907	1.126746274	1.402710841	4.22E-05
<i>PTGES</i>	0.008789798	1.319209079	1.141968658	1.523958283	0.000167642
<i>MAGEL2</i>	0.008833045	1.299146378	1.147749553	1.470513586	3.48E-05
<i>NOTUM</i>	0.008862093	1.302485033	1.137735293	1.491091357	0.000128066
<i>CKM</i>	0.008910524	1.347870631	1.155873901	1.571759027	0.000140363
<i>CSTA</i>	0.008910805	1.43525545	1.109849855	1.856069268	0.005879087
<i>CIQTNF7</i>	0.008948892	0.812578322	0.710802102	0.928927374	0.002367586
<i>KRT81</i>	0.009029805	1.201406592	1.065115304	1.355137603	0.0028192
<i>EML5</i>	0.009081106	0.698128168	0.56558888	0.861726522	0.000821732
<i>WT1</i>	0.009083324	1.169825647	1.077337807	1.27025343	0.000189456
<i>LILRB2</i>	0.009136061	1.688943548	1.205802761	2.365669081	0.002299689
<i>PARP15</i>	0.009154374	1.316537919	1.119399025	1.548395212	0.000891233
<i>MKI67</i>	0.009163023	1.487844445	1.171208	1.89008365	0.001136402
<i>CA8</i>	0.00916481	0.757705665	0.655046047	0.876454224	0.000187534
<i>DNASE1</i>	0.009284324	1.241083114	1.030192224	1.495145528	0.023026052
<i>SLC6A3</i>	0.0093189	0.885957757	0.823859154	0.952737059	0.001091577
<i>B3GALT2</i>	0.009445254	0.837088284	0.708832143	0.9885511	0.036111742
<i>CCL22</i>	0.009549957	0.785329911	0.685877754	0.899202613	0.00046898
<i>TREM1</i>	0.009585916	1.335867825	1.168092991	1.527740393	2.35E-05
<i>SOSTDC1</i>	0.009714404	0.839357085	0.764908057	0.921052289	0.000219577
<i>LAG3</i>	0.009714809	1.291052558	1.1189156	1.489671524	0.000467143
<i>PLCXD3</i>	0.009733452	0.863619054	0.767071797	0.972318201	0.015347637
<i>UNC5D</i>	0.009761761	0.871294094	0.79317791	0.957103556	0.004042884
<i>TNFAIP8L2</i>	0.009833921	1.545300128	1.090970826	2.188832577	0.014280614
<i>DLX2</i>	0.009916444	1.276854423	1.075923203	1.515310025	0.005147645
<i>DGAT2</i>	0.009944897	1.278776149	1.115575712	1.465851597	0.000415549
<i>MILR1</i>	0.010010919	1.532755335	1.142066783	2.057094166	0.004443087
<i>GREM1</i>	0.010033032	1.166413626	1.066217124	1.276025977	0.000781933
<i>CLDN14</i>	0.010045403	1.361517788	1.167652212	1.587570912	8.23E-05
<i>CDT1</i>	0.010086762	1.547412401	1.178973104	2.030992166	0.001651771
<i>LINC01431</i>	0.010140037	1.315095596	1.107321158	1.561856209	0.001797129
<i>XCL1</i>	0.010281291	1.284452818	1.112071486	1.483554845	0.000662407
<i>ADAMTS4</i>	0.010281358	1.305496653	1.001800795	1.701257894	0.048463478
<i>CAPN11</i>	0.010297502	1.163891666	1.006461267	1.345947286	0.040675468
<i>PBK</i>	0.010305568	1.46090989	1.164093142	1.833408023	0.001070964

<i>KIR2DL4</i>	0.010412067	1.235344317	1.054081338	1.447777821	0.009040427
<i>GABRD</i>	0.010497316	0.815660733	0.679074553	0.979719278	0.029325227
<i>RNF43</i>	0.01051596	0.733707661	0.640771716	0.840122806	7.43E-06
<i>CTXN3</i>	0.010585757	0.867681842	0.798017197	0.943428014	0.000888275
<i>C1orf162</i>	0.010661002	1.5618267	1.055622609	2.310771502	0.025694215
<i>C5orf46</i>	0.010879456	1.137047595	1.043103324	1.239452701	0.003510436
<i>COL28A1</i>	0.010890996	1.199673739	1.05014929	1.370488076	0.007352909
<i>RASAL3</i>	0.01101047	1.602608225	1.1302562	2.272363667	0.00811532
<i>CIQL1</i>	0.011028054	1.18184599	1.037616649	1.346123297	0.011868056
<i>SCART1</i>	0.011041757	1.249815532	1.091017539	1.431726629	0.001297999
<i>TCF24</i>	0.011056901	1.321493409	1.047074361	1.667832672	0.018909816
<i>IGLL5</i>	0.011317346	1.221427106	1.078448482	1.383361562	0.001638647
<i>AGAP2</i>	0.011359687	1.511517861	1.145260072	1.994906047	0.003523046
<i>KIF5A</i>	0.011436192	1.308009945	1.132268576	1.511028436	0.000264882
<i>LINC01126</i>	0.011454586	1.237895308	1.056776754	1.450055358	0.008188834
<i>NCAPG</i>	0.011701385	1.926192752	1.506262197	2.463195667	1.74E-07
<i>LRAT</i>	0.011791357	1.171669986	1.02306443	1.341861291	0.022051246
<i>HOXA11</i>	0.011833122	1.252581495	1.066912525	1.470561422	0.005937642
<i>COL4A5</i>	0.01188817	1.365848051	1.153265383	1.617616314	0.000303863
<i>HOXA11-AS</i>	0.011902601	1.38059417	1.197892557	1.591161286	8.46E-06
<i>PPP4R4</i>	0.012053204	1.17733647	1.014465178	1.366356573	0.03163335
<i>WNT10A</i>	0.012180873	1.245904511	1.094389474	1.418396364	0.000889468
<i>GPR182</i>	0.012185876	0.761137085	0.647284896	0.895014954	0.000961183
<i>MAP4K1</i>	0.012196768	1.478379821	1.164489369	1.876880077	0.001324839
<i>FERMT3</i>	0.012391136	1.586691547	1.036841302	2.428134432	0.033451316
<i>BATF3</i>	0.012484079	1.390384396	1.100825147	1.756108837	0.005671241
<i>SCN3A</i>	0.012557295	1.212337111	1.082420123	1.357847328	0.00087029
<i>ISG20</i>	0.012603476	1.895262326	1.395364778	2.574251078	4.27E-05
<i>PDZRN4</i>	0.012662077	0.835588045	0.732194186	0.953582253	0.007693962
<i>COL5A3</i>	0.012673862	1.415304909	1.058605438	1.892195066	0.019059951
<i>NTRK1</i>	0.012696604	1.362868223	1.161656293	1.598932321	0.000145581
<i>DISC1</i>	0.012699321	0.779737204	0.613454336	0.991092689	0.04204475
<i>AKAP3</i>	0.012719677	0.675891119	0.546943553	0.8352394	0.000286854
<i>SAMD13</i>	0.012865009	0.679296387	0.545522391	0.845874687	0.000548575
<i>KLHL13</i>	0.012889457	0.626495218	0.503709607	0.779211379	2.65E-05
<i>PTGER3</i>	0.012938012	0.794793214	0.713143503	0.885791219	3.29E-05
<i>HSD17B3</i>	0.013063647	1.218701101	1.075390961	1.381109223	0.001943656
<i>BMP5</i>	0.013065263	0.859053629	0.782915045	0.942596698	0.00133461
<i>ADPRHL1</i>	0.013102955	1.282352055	1.055017603	1.558672374	0.012493385
<i>LRRC71</i>	0.013177674	1.31863851	1.14767505	1.51506955	9.46E-05

<i>TREML1</i>	0.013275886	1.396594405	1.181717375	1.650543501	8.90E-05
<i>ODF3B</i>	0.013297545	1.829834991	1.234896274	2.711398655	0.002599123
<i>CCDC113</i>	0.013304565	1.228280685	1.052005447	1.434092803	0.009284862
<i>MARCO</i>	0.013532828	1.209119459	1.072440401	1.363217821	0.001917852
<i>LGALS9</i>	0.013669558	1.955415663	1.220137866	3.133785554	0.005323343
<i>TTC3P1</i>	0.013829324	0.765609018	0.647927015	0.904665425	0.001709331
<i>ESM1</i>	0.01388483	0.629038528	0.48908064	0.809047501	0.000305938
<i>BMPR1B</i>	0.014222674	1.105078612	1.016040384	1.201919489	0.019740296
<i>ABCA4</i>	0.014258029	1.157077309	1.009436117	1.326312658	0.036187542
<i>ILIRL1</i>	0.014654137	0.820924978	0.735176394	0.916674999	0.000455504
<i>GAPLINC</i>	0.014713171	1.339513503	1.128355678	1.590186907	0.00083867
<i>LAT2</i>	0.014782082	1.502232916	1.050596983	2.148020383	0.025714467
<i>ARHGEF26</i>	0.014944556	0.815757051	0.693425344	0.959670096	0.014027473
<i>AK7</i>	0.015093306	0.679019415	0.577527229	0.798347409	2.78E-06
<i>AFP</i>	0.015139394	1.17732034	1.042574792	1.329480815	0.008481551
<i>SMIM22</i>	0.015251084	1.104522183	1.00315558	1.216131651	0.04295857
<i>ERFE</i>	0.015475486	1.259103189	1.119112982	1.416604817	0.000127444
<i>SERTM1</i>	0.015734033	1.275544899	1.111275727	1.464096399	0.000540306
<i>LST1</i>	0.015736447	1.529029563	1.035608986	2.257542602	0.032682105
<i>CCDC141</i>	0.015848749	0.782954098	0.650250219	0.942740352	0.009815988
<i>CCL5</i>	0.015868504	1.603049911	1.093455797	2.350135255	0.01561944
<i>C6orf223</i>	0.01592156	0.808919822	0.713788935	0.916729366	0.000893814
<i>GRIK2</i>	0.016078617	1.220385228	1.021082901	1.458588823	0.028574676
<i>HS3ST2</i>	0.016326949	0.870047467	0.775235643	0.97645484	0.018044307
<i>APOH</i>	0.0164535	1.116736704	1.030788607	1.209851232	0.006890545
<i>RET</i>	0.016466222	1.243985829	1.084272576	1.427224831	0.001845613
<i>TRIM15</i>	0.016551753	0.908535126	0.829840235	0.994692762	0.037978973
<i>PCSK2</i>	0.016719912	1.248008326	1.004957776	1.549841016	0.044993607
<i>PDK1</i>	0.016764077	0.694574848	0.495085339	0.974446587	0.034874354
<i>DNASE2B</i>	0.016796203	0.826932369	0.732635031	0.933366702	0.002096286
<i>FAM83F</i>	0.016815733	0.895330941	0.825096554	0.971543863	0.007987906
<i>ZDHHC8P1</i>	0.016932156	1.176072404	1.023469801	1.351428541	0.022188934
<i>LARGE2</i>	0.017094441	0.769887016	0.694006503	0.854064069	7.83E-07
<i>ABCA8</i>	0.01726841	0.813645234	0.710892161	0.931250341	0.002753195
<i>CFHR1</i>	0.017451652	1.192596336	1.074104972	1.324159237	0.000970631
<i>LINC00189</i>	0.017545477	1.114997557	1.004699937	1.237403833	0.040541184
<i>LYPD3</i>	0.017642747	1.376371796	1.151266244	1.645491937	0.000455077
<i>FANCA</i>	0.017644774	1.686529698	1.337413635	2.126778395	1.00E-05
<i>PARVG</i>	0.017815224	1.637115786	1.228545557	2.181561831	0.000765162
<i>ZNF750</i>	0.017847277	0.731579868	0.606228125	0.882850996	0.001116896

<i>EWSAT1</i>	0.018040153	1.227103961	1.071561444	1.405224254	0.003082164
<i>PATL2</i>	0.018063613	1.278600674	1.080707542	1.512730892	0.004174605
<i>REEP6</i>	0.01808109	1.329123891	1.12301446	1.573061062	0.000934889
<i>TSPAN32</i>	0.018093213	1.376213222	1.122222804	1.687688777	0.002157094
<i>FOXN1</i>	0.018439655	1.289015445	1.068470481	1.555083502	0.008008742
<i>XAF1</i>	0.018494117	1.403672971	1.135280759	1.735515902	0.001737323
<i>HOXA7</i>	0.018698171	0.817451614	0.712466176	0.937907179	0.004053148
<i>SCNN1B</i>	0.018881388	1.197573588	1.087259514	1.319080201	0.000255448
<i>PSORS1C1</i>	0.019086893	1.239454237	1.009500588	1.521788917	0.040337746
<i>AIF1L</i>	0.019264102	0.6833432	0.584910424	0.798340925	1.60E-06
<i>CADM4</i>	0.019601911	1.285795728	1.071900049	1.542373895	0.006770745
<i>BMP7</i>	0.019626864	1.118460342	1.015772177	1.231529632	0.022699664
<i>ZNF385B</i>	0.019639678	0.844464318	0.76834487	0.928124873	0.000452237
<i>APOBEC3D</i>	0.019738829	2.023402381	1.44450232	2.834302955	4.15E-05
<i>MCEMP1</i>	0.019815013	1.289691946	1.128404566	1.474032776	0.000189789
<i>DOK7</i>	0.020016678	1.182950892	1.047093734	1.336435094	0.00694851
<i>PTPRN</i>	0.020439687	1.213832363	1.09732435	1.342710572	0.000167283
<i>HAO1</i>	0.020539381	1.225468087	1.069922779	1.403626563	0.003326051
<i>ZNF469</i>	0.020643785	1.285319882	1.033165162	1.599015589	0.024272289
<i>KCNA3</i>	0.020810366	0.840939138	0.729786865	0.969020776	0.016618797
<i>TRIM29</i>	0.021196369	1.112357334	1.002693372	1.234015176	0.04435121
<i>ARHGEF39</i>	0.021313328	1.574676301	1.181624096	2.098472315	0.001941462
<i>FAT2</i>	0.021592503	1.405353511	1.160148831	1.702383728	0.000504382
<i>SELE</i>	0.022014476	0.808391623	0.708228828	0.922720159	0.001623381
<i>SMIM10L2B</i>	0.022245959	0.754145016	0.617076978	0.92165925	0.005832092
<i>MYO3A</i>	0.022407791	0.881354307	0.786722379	0.987369159	0.029309035
<i>BEX1</i>	0.022560473	0.919114727	0.852441584	0.991002664	0.028149713
<i>MIR6859-1</i>	0.022889332	1.113803647	1.030303338	1.204071187	0.006711989
<i>PLCB2</i>	0.022901918	1.742280577	1.293715685	2.346374589	0.000256662
<i>AMZ1</i>	0.023531093	1.207807787	1.0774967	1.353878533	0.001189602
<i>NRG3</i>	0.023556665	0.800716647	0.674112682	0.951097888	0.011375986
<i>HSPA6</i>	0.023560081	1.605292973	1.224698671	2.10416292	0.000607986
<i>TNFRSF25</i>	0.02357102	1.498294946	1.215557981	1.846796107	0.000150979
<i>CCBE1</i>	0.023574201	1.112955995	1.017986609	1.216785205	0.018687955
<i>FUT7</i>	0.023706399	1.19363277	1.002261062	1.421544987	0.047111544
<i>CDH3</i>	0.024403799	1.1228765	1.000205672	1.260592365	0.049594131
<i>OLFML2B</i>	0.024520884	1.853469071	1.250212952	2.747809955	0.002129404
<i>TPSAB1</i>	0.024582538	0.854423211	0.758361272	0.962653356	0.009725136
<i>ADAMTS16</i>	0.02466791	0.857759865	0.763112661	0.964145955	0.010110034
<i>RAB11FIP4</i>	0.024734823	0.61509009	0.476981727	0.793187238	0.000179835

<i>APOC1</i>	0.024799443	1.550086873	1.090169831	2.204032112	0.014658563
<i>CASR</i>	0.024924785	0.856715995	0.781641106	0.939001659	0.000949691
<i>LINC00892</i>	0.024930523	1.178473995	1.005821472	1.380762885	0.042175931
<i>FOXN4</i>	0.024960973	1.252105589	1.063363942	1.474347911	0.006997833
<i>SLC16A8</i>	0.025498022	1.307280808	1.121619574	1.523674471	0.000606803
<i>ADORA1</i>	0.025628059	1.191346777	1.049027518	1.352974178	0.00698938
<i>ALX1</i>	0.025739017	1.150028187	1.034633268	1.278293354	0.009568282
<i>TBX3</i>	0.02581294	0.816736643	0.688317324	0.969115145	0.020373313
<i>HMX2</i>	0.025885328	1.251107316	1.005749943	1.55632076	0.044278799
<i>SLC16A11</i>	0.026153356	0.773262666	0.663991699	0.900516004	0.000939488
<i>FNDC11</i>	0.02646433	1.190001351	1.012371664	1.39879776	0.034941227
<i>IL2RA</i>	0.026517007	1.292410337	1.106277083	1.50986087	0.001225275
<i>ZBTB32</i>	0.026542039	1.306310988	1.092123458	1.56250503	0.003450873
<i>PADI1</i>	0.026598982	1.173311401	1.070320815	1.286212156	0.000650174
<i>LILRB1</i>	0.026606047	1.68315096	1.205382426	2.350289082	0.002239064
<i>MYOZ1</i>	0.02661689	0.736108946	0.636613693	0.851154141	3.55E-05
<i>OR7E47P</i>	0.026890112	0.830515581	0.729204994	0.945901544	0.005143811
<i>SLC18A3</i>	0.026973986	1.180922124	1.106117027	1.26078618	6.34E-07
<i>OLAH</i>	0.027327635	1.307066755	1.107773608	1.54221358	0.001510919
<i>MYB</i>	0.027564173	1.229803834	1.061359639	1.424981141	0.00591744
<i>WNT7B</i>	0.027626611	1.301735039	1.175005817	1.442132529	4.51E-07
<i>EBI3</i>	0.027968903	1.497971547	1.114575631	2.01324943	0.007381992
<i>SLC1A4</i>	0.028044014	0.54729939	0.353239963	0.847969237	0.006972318
<i>LINC00943</i>	0.028045666	1.397108444	1.196398936	1.631489251	2.38E-05
<i>FCGR2C</i>	0.028184092	1.317845401	1.120394308	1.550094007	0.000860247
<i>SIX1</i>	0.028360339	1.288192241	1.07855009	1.538583388	0.005200206
<i>ZNF157</i>	0.028581959	0.826281579	0.684170163	0.997911462	0.047515483
<i>CARD11</i>	0.028642877	1.39727056	1.136722655	1.717538583	0.001487911
<i>TRPM2-AS</i>	0.028668789	1.208999753	1.031074716	1.417628015	0.019453177
<i>AGXT</i>	0.02898462	0.852530868	0.755021987	0.962632736	0.010038791
<i>PRR7</i>	0.029131169	1.370225767	1.118970012	1.677898988	0.00230685
<i>GLIS3-AS1</i>	0.02953733	1.274894724	1.120774206	1.450208748	0.000220386
<i>LINC00051</i>	0.029571983	1.376149963	1.132801719	1.671774231	0.001300458
<i>PAQR4</i>	0.029893699	1.494950208	1.088194145	2.053747609	0.013079673
<i>TBC1D10C</i>	0.029975778	1.501442423	1.197102405	1.883154976	0.000437166
<i>FAP</i>	0.030065735	1.226693786	1.054069689	1.427588385	0.008279011
<i>KLRC4-KLRK1</i>	0.030179403	1.187623446	1.021701534	1.380490683	0.025117638
<i>LCN1</i>	0.030440409	1.18498997	1.06248425	1.321620747	0.002299374
<i>CENPI</i>	0.030605439	1.663399286	1.310749237	2.110927938	2.84E-05
<i>LINC00881</i>	0.030758535	1.265464236	1.105035474	1.449184004	0.000664061

<i>PON3</i>	0.030834476	1.212389738	1.074163313	1.368403536	0.00181889
<i>CDH8</i>	0.031694642	0.811639119	0.70135481	0.939265049	0.005096605
<i>SLC47A2</i>	0.03170204	0.864038484	0.76247864	0.979125791	0.021985592
<i>LINC01351</i>	0.031938539	1.402802346	1.120557916	1.756138075	0.003146319
<i>FNDC5</i>	0.032098044	1.212462327	1.038747793	1.415227936	0.014614229
<i>P2RY13</i>	0.032599735	0.82028919	0.691255601	0.973408901	0.023292362
<i>HTR7</i>	0.032654863	0.863799228	0.749026141	0.996158967	0.044128192
<i>MEST</i>	0.032809981	1.27427513	1.078894652	1.505037682	0.004314794
<i>TBX15</i>	0.032881532	1.370337701	1.15116938	1.631232943	0.00039534
<i>STAT4</i>	0.032934875	1.383259533	1.044969204	1.831065384	0.023367609
<i>PKNOX2</i>	0.033110894	1.205305966	1.046710082	1.387932051	0.009481657
<i>CORO2B</i>	0.033336421	1.211195186	1.03950672	1.411240303	0.01401952
<i>NUDT10</i>	0.033467675	1.166102548	1.021067493	1.331738755	0.023352281
<i>ZRANB2-AS1</i>	0.03360081	0.863718807	0.75541405	0.987551368	0.032095953
<i>RASSF9</i>	0.033606675	0.792308534	0.688676352	0.911535312	0.001133806
<i>HSD11B1</i>	0.033683647	1.262835391	1.106181553	1.441674037	0.000553737
<i>IGDCC3</i>	0.034545619	1.222773149	1.027359972	1.455355684	0.023587325
<i>LINC01426</i>	0.034611469	1.221092431	1.077155033	1.384263805	0.001799895
<i>TRHDE-AS1</i>	0.035196397	0.84111856	0.773384103	0.91478533	5.36E-05
<i>EMX1</i>	0.0353794	0.804294052	0.695770158	0.929745139	0.003229796
<i>PGM5-AS1</i>	0.035447557	0.802465606	0.698633555	0.921729345	0.001853024
<i>PLCXD2</i>	0.035449632	0.857573837	0.753722629	0.975734119	0.019650481
<i>PCSK6</i>	0.036001142	0.858838846	0.756889407	0.974520393	0.018260853
<i>C1orf116</i>	0.036381616	0.905905818	0.824356744	0.995522093	0.040052045
<i>TP53AIP1</i>	0.037092004	1.160263169	1.014892031	1.326456981	0.029525631
<i>CD80</i>	0.037929112	1.239751326	1.055244603	1.456518561	0.008948556
<i>PSD2</i>	0.037983616	1.18560052	1.031871569	1.362232119	0.016272204
<i>FATE1</i>	0.038101688	0.76016284	0.653124835	0.884742874	0.00039793
<i>PSTPIP1</i>	0.038476051	1.4421054	1.18074635	1.761316463	0.000332562
<i>KLRC4</i>	0.038530375	1.168135211	1.026260549	1.329623234	0.018656513
<i>PLD4</i>	0.038673012	0.822117659	0.694604467	0.973039301	0.022738846
<i>PLAC8L1</i>	0.039230222	1.347021662	1.153533302	1.572964868	0.000166374
<i>ANXA2R</i>	0.039828654	1.435325116	1.107326422	1.860479573	0.006330843
<i>SI00A2</i>	0.039976853	1.193685588	1.001404687	1.422886573	0.04819696
<i>SPATA16</i>	0.040679731	1.727300639	1.17195238	2.545809498	0.005749896
<i>SLC4A8</i>	0.040894433	1.416749301	1.114762559	1.800543591	0.004396604
<i>MND1</i>	0.042226206	1.393328255	1.071719072	1.811448241	0.013239514
<i>CEACAM21</i>	0.04227677	1.264892908	1.012373078	1.58039966	0.038621695
<i>LINC01428</i>	0.042299169	0.865594233	0.793635939	0.944076925	0.001115965
<i>GAS1</i>	0.042663751	1.280532225	1.057429988	1.550705765	0.01135157

<i>KRT222</i>	0.043139405	1.203352857	1.060804647	1.365056331	0.004007834
<i>MYO1F</i>	0.04326441	1.60549257	1.132440891	2.276150934	0.007852698
<i>PLPPR1</i>	0.043281491	0.887407033	0.794642386	0.991000802	0.033969309
<i>BRIP1</i>	0.043875409	1.324540953	1.052393256	1.667065734	0.016614193
<i>GRIA4</i>	0.043888533	0.913878036	0.851885884	0.980381387	0.011977599
<i>EMILIN2</i>	0.044205441	1.523357731	1.047279261	2.2158548	0.027694408
<i>C2</i>	0.044354664	1.391999975	1.158179195	1.673026022	0.000423303
<i>ERICH4</i>	0.044511465	0.837939145	0.737535791	0.952010761	0.006623963
<i>GPM6A</i>	0.044839433	0.888168898	0.789690876	0.998927575	0.047944603
<i>CDKN2A</i>	0.045110396	1.430238884	1.128090392	1.813315032	0.003122849
<i>MS4A2</i>	0.045330339	0.786831733	0.69780325	0.88721882	9.11E-05
<i>EYA4</i>	0.045512809	0.854857742	0.747962431	0.977030034	0.02139627
<i>PRKG2</i>	0.045757662	0.915151453	0.842193736	0.994429365	0.036460829
<i>UTS2R</i>	0.045824737	1.220491045	1.025241591	1.452924271	0.025075561
<i>SLC12A3</i>	0.046152494	0.887111706	0.790066814	0.996076744	0.042716984
<i>TRPC5OS</i>	0.046571013	1.317814842	1.110961943	1.563182221	0.001535871
<i>LRR1Q3</i>	0.047513843	0.755837291	0.611009661	0.934993416	0.009900146
<i>PDCD1</i>	0.047894568	1.196973067	1.049229997	1.365519979	0.007474493
<i>LINC01020</i>	0.048290759	0.653738831	0.503708722	0.848455548	0.001396269
<i>ATP2B2</i>	0.048502287	0.841855865	0.760114454	0.932387608	0.000955459
<i>HLA-DQB2</i>	0.048577395	0.849195017	0.726978011	0.99195872	0.039226926
<i>GSC</i>	0.049669989	1.251729514	1.068873381	1.465867524	0.005326362
<i>CCDC8</i>	0.049859719	0.875233091	0.771325225	0.993138741	0.038758809