

TCGA-LUAD							Co-DEGsTotal 83
id	logFC	AveExpr	t	P.Value	adj.P.Val	B	ITGAM
MS4A1	2.106537	6.679944	11.31754	1.1E-26	2.19E-25	49.63244	P2RY13
PLA2G2D	2.084318	6.515995	12.35193	6.71E-31	1.72E-29	59.24831	FGL2
CCL19	2.075996	7.903308	13.05883	6.85E-34	2.07E-32	66.08164	CRTAM
CHIT1	2.040538	8.975058	10.13459	3.85E-22	5.77E-21	39.27166	CD163
SFTPC	2.007653	10.4051	5.072078	5.49E-07	2.35E-06	5.021662	DPT
CXCL9	1.947044	9.951387	12.1861	3.28E-30	8.05E-29	57.67487	CCL11
IL7R	1.944368	7.478841	17.22138	7.02E-53	6.3E-51	109.5179	AMICA1
C4orf7	1.925474	4.241369	8.633726	7.36E-17	8.01E-16	27.26093	RTN1
MRC1	1.910705	9.913797	15.78249	4.23E-46	2.38E-44	94.00095	MFAP4
MARCO	1.896713	9.007231	11.28527	1.47E-26	2.92E-25	49.34038	C1QC
GZMK	1.886347	6.616684	16.65431	3.46E-50	2.56E-48	103.3534	CILP
TLR8	1.883568	6.747525	18.79803	1.75E-60	3.15E-58	126.9224	GPR65
F13A1	1.882768	9.45046	15.25565	1.15E-43	5.72E-42	88.43358	MS4A1
AIM2	1.867707	6.34935	11.44622	3.37E-27	6.94E-26	50.80196	F13A1
COL29A1	1.830764	5.447617	11.96526	2.66E-29	6.21E-28	55.59779	CXCL13
HLA.DQA	1.830068	11.4505	15.02524	1.3E-42	6.06E-41	86.02093	OGN
CYBB	1.828943	10.69868	20.49562	8.44E-69	3.94E-66	145.9647	PLEK
CILP	1.828219	7.457827	10.64219	4.71E-24	7.95E-23	43.62818	PTGDS
CXCL13	1.827169	8.35688	10.43518	2.88E-23	4.64E-22	41.83475	LAX1
CCL13	1.814682	7.2312	12.44128	2.84E-31	7.48E-30	60.10094	SCGB1A1
CD84	1.811859	7.112498	19.12461	4.49E-62	1E-59	130.5662	ADAMDEC1
CXCL11	1.811055	6.316625	12.13444	5.37E-30	1.29E-28	57.18708	MS4A4A
FCRL3	1.804685	4.619565	13.22936	1.26E-34	3.93E-33	67.75916	SELL
LYZ	1.803729	13.08812	14.83917	9.16E-42	4.07E-40	84.08308	CCL19
P2RY12	1.80231	4.015175	14.77668	1.76E-41	7.71E-40	83.4344	ABCA6
CD19	1.796776	5.257512	10.68504	3.23E-24	5.52E-23	44.00226	EVI2A
HLA.DQA	1.796729	9.207547	13.70066	1.12E-36	3.87E-35	72.44998	TNFSF13B
CLEC10A	1.79537	6.841856	16.03281	2.89E-47	1.81E-45	96.66939	GPR34
AOAH	1.787133	7.133125	18.91458	4.74E-61	9.34E-59	128.2215	CXCL12
PDCD1LG	1.783437	6.456689	20.50193	7.86E-69	3.78E-66	146.0358	FCN1
SCGB1A1	1.774713	7.477646	4.956299	9.75E-07	0.000004	4.468616	SASH3
FCRLA	1.772525	5.544792	11.66626	4.39E-28	9.63E-27	52.82003	EVI2B
APOC2	1.770823	7.014974	12.94495	2.1E-33	6.22E-32	64.96761	CD52
CXCL10	1.75807	8.636825	12.64326	4.02E-32	1.11E-30	62.04034	FYB
CPA3	1.74531	8.096304	11.51747	1.74E-27	3.66E-26	51.45294	CXCL9
C17orf87	1.74324	5.190596	19.22746	1.41E-62	3.49E-60	131.7161	MFAP5
SH2D1A	1.742452	6.004916	17.70126	3.54E-55	4E-53	114.7777	CXCL11
LRRC15	1.742451	8.137939	10.60917	6.3E-24	1.05E-22	43.34057	C1QB
PTPRC	1.741437	10.27359	22.13244	6.92E-77	1.13E-73	164.4786	LRMP
P2RX7	1.738818	6.049901	17.82294	9.19E-56	1.11E-53	116.117	GZMK
TRAT1	1.734195	4.74224	15.99245	4.45E-47	2.75E-45	96.23816	MNDA
PYHIN1	1.733989	5.091943	17.4051	9.3E-54	9.15E-52	111.5272	TRAT1
CCR4	1.733762	5.077283	15.00933	1.54E-42	7.14E-41	85.85484	BTK
LILRA4	1.726541	3.722936	14.85875	7.46E-42	3.33E-40	84.28656	IL7R
BLK	1.722231	4.799922	10.68237	3.3E-24	5.64E-23	43.97896	TFEC
TFEC	1.718452	7.342243	20.55375	4.37E-69	2.23E-66	146.6204	CXCL10
TCL1A	1.717095	3.62529	10.88527	5.45E-25	9.84E-24	45.76278	FMO2
COL6A6	1.711019	6.010522	10.35685	5.69E-23	9.01E-22	41.1621	KLHL6
GBP5	1.704626	8.836966	14.81484	1.18E-41	5.21E-40	83.83043	VCAM1
VSIG4	1.704387	9.417338	16.16917	6.65E-48	4.29E-46	98.12893	CCL5

TIFAB	1.704188	3.591557	15.68472	1.2E-45	6.6E-44	92.96257	OMD
TNFRSF9	1.70254	4.940133	14.24955	4.15E-39	1.6E-37	78.00811	ADH1B
HLA.DOA	1.700751	10.01533	16.91849	1.94E-51	1.52E-49	106.218	TLR8
ABCA6	1.699597	6.118616	16.87943	2.97E-51	2.33E-49	105.7936	LYZ
STAP1	1.698631	4.172627	14.83781	9.29E-42	4.11E-40	84.06896	CCR5
CR1	1.697194	6.959183	14.9995	1.71E-42	7.87E-41	85.75228	SLAMF8
FOLR2	1.694465	8.242744	16.154	7.83E-48	5.03E-46	97.9663	NCF1
CCR2	1.693706	6.761035	18.38586	1.76E-58	2.59E-56	122.3403	CD2
PTPRO	1.693216	6.62113	18.3374	3.02E-58	4.29E-56	121.8029	IRF8
MNDA	1.692548	8.153412	19.13706	3.9E-62	8.85E-60	130.7054	ICOS
EMR1	1.691189	4.424175	12.95211	1.96E-33	5.82E-32	65.03747	MARCO
ITK	1.682243	6.999025	17.34239	1.86E-53	1.77E-51	110.8408	PYHIN1
C5orf20	1.681436	4.227288	14.68378	4.64E-41	1.98E-39	82.47218	HSD11B1
CLEC12A	1.681348	5.554446	13.80225	4E-37	1.41E-35	73.47119	VSIG4
ABI3BP	1.68001	8.301463	13.78856	4.6E-37	1.61E-35	73.33336	C1QA
SAMD3	1.678948	4.609128	19.17803	2.46E-62	5.83E-60	131.1634	ITK
SPIB	1.678653	5.355147	11.9504	3.07E-29	7.1E-28	55.45875	GBP5
TLR7	1.677085	6.737324	18.86535	8.24E-61	1.53E-58	127.6726	CD69
ADAMDE1	1.674515	6.786605	9.755756	9.38E-21	1.3E-19	36.11324	EOMES
OMD	1.673558	5.425855	11.81983	1.05E-28	2.36E-27	54.24167	CLEC10A
THEMIS	1.670508	5.424166	16.44982	3.19E-49	2.24E-47	101.1453	AOAH
P2RY13	1.667376	6.721563	17.99868	1.31E-56	1.7E-54	118.0552	C7
PIK3CG	1.663362	6.925953	19.08687	6.86E-62	1.49E-59	130.1446	CHIT1
RTN1	1.660674	6.606984	16.7577	1.12E-50	8.46E-49	104.4729	MRC1
NCKAP1L	1.660176	9.268779	21.99467	3.33E-76	4.53E-73	162.9176	RGS18
KIAA0748	1.658531	5.260334	18.02127	1.02E-56	1.35E-54	118.3047	COL6A6
GPR174	1.658198	3.701151	16.57525	8.19E-50	5.89E-48	102.4988	ITGAL
HLA.DRB1	1.657821	11.33137	11.71337	2.83E-28	6.25E-27	53.25497	THEMIS
IL21R	1.657375	7.069534	19.28211	7.63E-63	1.95E-60	132.3274	CSF2RB
PLEK	1.657033	9.315875	21.34342	5.53E-73	4.11E-70	155.5434	CCR7
CRTAM	1.655278	4.912928	17.48093	4.03E-54	4.14E-52	112.3581	KLRB1
CCL17	1.652974	4.735132	9.609584	3.15E-20	4.25E-19	34.91667	PTPRC
TM7SF4	1.652822	4.31788	13.23411	1.2E-34	3.76E-33	67.80604	
BTK	1.651989	7.752632	21.43532	1.94E-73	1.73E-70	156.5833	
ITGAM	1.6509	8.881875	17.80817	1.08E-55	1.29E-53	115.9543	
FAM26F	1.649836	6.867205	14.48687	3.58E-40	1.47E-38	80.44085	
IL2RA	1.646298	6.659766	15.70572	9.61E-46	5.31E-44	93.18544	
CCL18	1.644406	10.27142	11.7896	1.39E-28	3.1E-27	53.96099	
MSR1	1.643605	9.775559	16.80796	6.49E-51	4.96E-49	105.0179	
DPT	1.640444	8.278677	13.61565	2.64E-36	9.03E-35	71.59806	
PTGDS	1.637407	9.633473	13.3856	2.66E-35	8.67E-34	69.3054	
OGN	1.636035	5.596457	9.594383	3.57E-20	4.79E-19	34.79295	
PLXNC1	1.634291	7.782466	16.07757	1.78E-47	1.13E-45	97.14797	
CD3G	1.632945	5.443152	16.02003	3.31E-47	2.06E-45	96.53276	
DOCK2	1.628974	9.084921	21.35399	4.9E-73	3.82E-70	155.663	
FCGR1A	1.621938	7.153121	17.89344	4.21E-56	5.37E-54	116.8941	
IL12RB1	1.621845	6.184997	19.67295	9.32E-65	3.05E-62	136.7075	
CD163	1.620239	10.39245	15.53031	6.24E-45	3.29E-43	91.32746	
OLR1	1.619475	8.69738	14.23141	5E-39	1.91E-37	77.82292	
LILRB4	1.619042	8.798977	16.43504	3.75E-49	2.61E-47	100.9861	
SAA1	1.618524	6.352764	7.422436	4.75E-13	4E-12	18.62904	
HLA.DQB1	1.616811	8.749227	9.40566	1.67E-19	2.14E-18	33.26843	
CD80	1.61228	5.348476	19.16366	2.89E-62	6.75E-60	131.0027	
CD69	1.611535	7.307649	15.97057	5.64E-47	3.42E-45	96.00454	

SLC1A3	1.611048	7.800521	17.99728	1.33E-56	1.71E-54	118.0398
HLA.DPA1	1.610083	13.10654	17.35458	1.62E-53	1.58E-51	110.9741
IGSF6	1.609927	7.568697	18.44792	8.79E-59	1.33E-56	123.0289
HK3	1.608383	7.71028	14.69127	4.29E-41	1.83E-39	82.54968
SIT1	1.608353	5.947302	16.47348	2.47E-49	1.74E-47	101.4004
C1QB	1.608008	11.82873	17.22987	6.39E-53	5.77E-51	109.6106
CXCR2P1	1.607539	4.274224	10.49325	1.74E-23	2.83E-22	42.3355
SLCO2B1	1.606815	10.50709	19.40077	2.01E-63	5.37E-61	133.6558
FCRL1	1.606256	3.608697	10.83257	8.72E-25	1.55E-23	45.29741
EOMES	1.606218	4.726773	15.10048	5.9E-43	2.79E-41	86.8072
ZNF831	1.604071	5.292603	15.29794	7.34E-44	3.68E-42	88.87787
SLAMF6	1.603645	7.156861	17.27422	3.93E-53	3.63E-51	110.0952
SAA2	1.603488	5.493172	7.117863	3.68E-12	2.86E-11	16.62242
ICOS	1.601123	5.431947	17.04195	5.03E-52	4.28E-50	107.5611
ADH1B	1.599567	8.425238	6.627083	8.61E-11	5.88E-10	13.53556
VCAM1	1.597758	9.290974	17.27418	3.93E-53	3.63E-51	110.0948
SLAMF1	1.597358	5.71697	17.75553	1.94E-55	2.23E-53	115.3748
MS4A2	1.595626	5.702163	11.31271	1.15E-26	2.29E-25	49.58871
HLA.DRA	1.593023	14.58201	17.35876	1.55E-53	1.52E-51	111.0198
TNFSF8	1.589979	5.310381	18.4767	6.38E-59	9.74E-57	123.3485
SNX20	1.587829	6.335028	20.79503	2.82E-70	1.59E-67	149.3439
NCF1C	1.586801	5.640502	15.26576	1.03E-43	5.15E-42	88.53971
TLR10	1.586514	5.481974	12.77951	1.07E-32	3.06E-31	63.35788
SLAMF8	1.585159	9.312543	20.47317	1.09E-68	4.94E-66	145.7115
CD40LG	1.583646	4.705894	14.62672	8.39E-41	3.53E-39	81.88239
FCN1	1.580986	6.837082	13.12253	3.65E-34	1.12E-32	66.70703
C7	1.579472	9.648177	8.420276	3.71E-16	3.87E-15	25.66715
MS4A6A	1.579216	9.638775	19.73429	4.66E-65	1.56E-62	137.3961
CD28	1.579167	6.291892	19.5045	6.23E-64	1.89E-61	134.8181
FPR3	1.578928	9.126602	19.37189	2.78E-63	7.32E-61	133.3324
PTAFR	1.578035	7.373523	15.48021	1.06E-44	5.51E-43	90.79813
LOC10023	1.577635	5.162963	19.52093	5.18E-64	1.6E-61	135.0023
TMEM150	1.5763	4.692956	14.40159	8.66E-40	3.45E-38	79.5647
HLA.DPB1	1.57612	12.45318	17.1854	1.04E-52	9.25E-51	109.125
FMO2	1.575795	8.755585	13.37202	3.05E-35	9.86E-34	69.17066
FGL2	1.574973	9.442644	17.77375	1.59E-55	1.86E-53	115.5753
HPGDS	1.57393	5.590413	11.36992	6.78E-27	1.38E-25	50.10752
EPYC	1.573261	2.525131	8.237424	1.45E-15	1.44E-14	24.32595
EVI2A	1.573191	8.265421	21.43217	2.01E-73	1.73E-70	156.5477
DNAJC5B	1.570863	4.897502	14.58329	1.32E-40	5.52E-39	81.43408
P2RY10	1.570476	5.462514	16.3512	9.3E-49	6.28E-47	100.0835
DTHD1	1.570013	3.466972	9.940404	2E-21	2.88E-20	37.6425
CCR5	1.567823	7.828536	20.09587	7.83E-67	2.97E-64	141.4607
SELL	1.567423	8.270594	15.43345	1.75E-44	8.94E-43	90.30472
CD48	1.56723	8.390594	17.03634	5.34E-52	4.52E-50	107.5
GVIN1	1.567129	6.717123	16.85307	3.97E-51	3.09E-49	105.5074
CD22	1.567042	6.777346	12.44883	2.64E-31	6.97E-30	60.17311
LILRB5	1.566005	6.40735	13.96223	7.87E-38	2.86E-36	75.08642
TIGIT	1.564908	6.577057	16.33497	1.11E-48	7.42E-47	99.90899
ABCD2	1.561629	4.232867	17.10426	2.54E-52	2.22E-50	108.24
C3AR1	1.560056	8.61082	19.59522	2.24E-64	7.04E-62	135.8354
NCR3	1.559423	3.780438	15.22509	1.59E-43	7.8E-42	88.11278
EVI2B	1.558789	9.108632	22.71448	9.1E-80	2.12E-76	171.0751
UBD	1.558633	9.620807	9.808746	6.03E-21	8.49E-20	36.5501
NCF1	1.558411	7.350726	16.98158	9.73E-52	7.91E-50	106.904
C1QC	1.558039	11.59937	17.47107	4.49E-54	4.59E-52	112.25
FCGR3A	1.557681	10.92414	17.31598	2.48E-53	2.34E-51	110.5519
CD79A	1.557582	8.513151	10.45456	2.44E-23	3.94E-22	42.00167

TNFSF13E	1.557462	6.678668	18.80799	1.57E-60	2.84E-58	127.0333
ITGAL	1.556135	9.30328	19.10995	5.29E-62	1.17E-59	130.4025
ITGA8	1.555295	5.842089	10.29586	9.64E-23	1.5E-21	40.64065
LTA	1.555226	4.134503	17.49665	3.39E-54	3.53E-52	112.5306
CXCL12	1.552761	9.198697	16.60095	6.19E-50	4.51E-48	102.7765
IRF8	1.552541	8.67534	19.48282	7.96E-64	2.32E-61	134.5751
BICC1	1.552528	6.28655	12.13398	5.39E-30	1.3E-28	57.18278
SPN	1.551534	8.371817	18.3631	2.27E-58	3.28E-56	122.0879
CD300C	1.550498	5.66316	17.28823	3.37E-53	3.14E-51	110.2484
SIRPG	1.549644	5.725278	15.19992	2.07E-43	1.01E-41	87.84871
MFAP5	1.54944	5.52421	8.308125	8.57E-16	8.73E-15	24.84187
LAIR1	1.549304	9.1905	20.54551	4.79E-69	2.37E-66	146.5274
BTLA	1.549191	4.613797	15.73114	7.33E-46	4.07E-44	93.45528
C1QA	1.548984	11.65771	17.48173	4E-54	4.13E-52	112.3669
CCL23	1.54784	3.632403	11.80092	1.25E-28	2.8E-27	54.066
CD37	1.546386	9.15386	20.26754	1.12E-67	4.58E-65	143.3937
CD1E	1.545066	5.138738	9.108473	1.82E-18	2.19E-17	30.91145
CD200R1	1.544109	4.834148	17.79896	1.2E-55	1.42E-53	115.8529
CLEC4A	1.543645	6.387898	18.88287	6.77E-61	1.29E-58	127.8679
PTPN22	1.543483	7.313042	16.84306	4.43E-51	3.43E-49	105.3987
HAVCR2	1.542756	8.755712	21.10464	8.36E-72	5.69E-69	152.8425
IL22RA2	1.541791	3.795239	9.705179	1.43E-20	1.96E-19	35.6978
LY86	1.540564	7.275241	17.83215	8.3E-56	1.02E-53	116.2185
CD33	1.539907	6.499186	18.02116	1.02E-56	1.35E-54	118.3035
MFAP4	1.53975	10.2092	12.4951	1.69E-31	4.52E-30	60.61608
CXCR5	1.539593	5.104076	11.81543	1.09E-28	2.45E-27	54.20076
CD1B	1.539463	3.371248	9.728712	1.17E-20	1.62E-19	35.89091
LAX1	1.539461	6.30764	13.13189	3.32E-34	1.02E-32	66.79898
FCER2	1.538384	3.162026	9.79621	6.7E-21	9.38E-20	36.4466
CMKLR1	1.537661	8.458729	19.0089	1.65E-61	3.45E-59	129.2739
SIGLEC8	1.536899	4.973792	12.78802	9.81E-33	2.82E-31	63.44046
MS4A4A	1.536261	8.408609	18.06248	6.44E-57	8.92E-55	118.7599
HLA.DRB	1.536086	13.0426	13.59039	3.41E-36	1.16E-34	71.34546
SIRPB1	1.535735	6.77433	16.28798	1.84E-48	1.22E-46	99.40391
IKZF1	1.535643	8.650606	20.86277	1.31E-70	7.63E-68	150.1091
HSD11B1	1.535042	6.717091	16.42728	4.08E-49	2.82E-47	100.9025
SIGLEC14	1.534653	5.766517	11.34302	8.68E-27	1.75E-25	49.86342
RGS18	1.534018	5.394144	17.46331	4.9E-54	4.97E-52	112.165
CD53	1.532918	10.18388	22.86102	1.71E-80	6.99E-77	172.736
CD2	1.532555	8.360714	17.10357	2.56E-52	2.22E-50	108.2325
AMICA1	1.532386	8.403576	17.57661	1.4E-54	1.5E-52	113.4079
FYB	1.531878	9.03386	18.84035	1.09E-60	2E-58	127.3939
SIGLEC10	1.531843	7.655372	15.96615	5.91E-47	3.56E-45	95.95732
ITGB2	1.530257	11.66313	17.68329	4.31E-55	4.7E-53	114.5801
C7orf58	1.530101	7.114888	16.58991	6.98E-50	5.05E-48	102.6572
CCR7	1.528846	6.862969	14.37444	1.15E-39	4.52E-38	79.28623
SCML4	1.528679	5.004574	14.47553	4.03E-40	1.65E-38	80.32421
CNR2	1.528374	2.696309	12.29248	1.19E-30	2.99E-29	58.68293
CSF2RB	1.527677	8.728112	20.28099	9.62E-68	4.03E-65	143.5453
TAGAP	1.526458	7.809038	20.75855	4.27E-70	2.33E-67	148.9319
GPR110	1.525876	8.448507	5.907389	6.3E-09	3.5E-08	9.348914
SIGLEC1	1.524504	8.86735	14.52565	2.4E-40	9.97E-39	80.84
ZNF683	1.524078	5.250405	10.86758	6.38E-25	1.15E-23	45.60639
TPSB2	1.523163	9.113282	10.48601	1.85E-23	3.01E-22	42.27301
GPR65	1.522641	6.471124	21.46636	1.37E-73	1.36E-70	156.9346
UBASH3A	1.521935	5.125069	15.69949	1.03E-45	5.65E-44	93.11936
WNT10A	1.521464	5.904382	9.972391	1.52E-21	2.22E-20	37.90939
LILRB1	1.52132	7.451588	18.91572	4.68E-61	9.33E-59	128.2342

SIGLEC6	1.521244	3.381776	12.3054	1.05E-30	2.66E-29	58.80567
SASH3	1.520517	8.923977	22.00235	3.05E-76	4.53E-73	163.0046
GPR84	1.520278	5.534873	14.43064	6.41E-40	2.6E-38	79.86287
CD52	1.51594	9.288351	16.97339	1.06E-51	8.53E-50	106.8148
SLAMF7	1.514108	9.393325	13.84972	2.47E-37	8.76E-36	73.94955
SVEP1	1.513341	8.151817	13.21144	1.51E-34	4.69E-33	67.58237
CD5	1.513203	7.348761	15.59124	3.26E-45	1.74E-43	91.97202
SIGLEC9	1.512568	6.166341	17.77294	1.6E-55	1.87E-53	115.5664
CCL11	1.51206	4.580263	10.21471	1.94E-22	2.97E-21	39.94998
COLEC12	1.511765	9.041678	13.47676	1.07E-35	3.52E-34	70.21167
CD3E	1.510753	8.492451	17.20817	8.12E-53	7.25E-51	109.3737
LRMP	1.510712	6.72721	14.51633	2.64E-40	1.09E-38	80.74403
ASAM	1.508658	6.491172	12.322	8.95E-31	2.29E-29	58.96348
SIRPB2	1.508572	6.385284	17.80869	1.08E-55	1.29E-53	115.96
C10orf128	1.508057	4.45545	16.97647	1.03E-51	8.33E-50	106.8484
KLHL6	1.508019	8.154862	17.68407	4.28E-55	4.69E-53	114.5887
KLRB1	1.507167	6.137612	14.70078	3.88E-41	1.67E-39	82.64811
GPR34	1.505922	6.971031	16.30853	1.48E-48	9.8E-47	99.62467
CD209	1.503843	7.180563	14.17729	8.72E-39	3.28E-37	77.27087
ALOX5AP	1.503736	9.316076	15.99131	4.51E-47	2.77E-45	96.22601
CSF1R	1.502163	10.40068	19.14888	3.42E-62	7.86E-60	130.8375
CCL5	1.501669	9.613081	14.5678	1.55E-40	6.45E-39	81.27438
FCGR1C	1.500733	5.580682	17.23797	5.85E-53	5.34E-51	109.6991
FXD4	-1.552366	2.286487	-6.947713	1.12E-11	8.33E-11	15.53149
C6orf176	-1.608422	2.793839	-5.607785	3.34E-08	1.7E-07	7.729625
FGL1	-1.620781	5.886474	-4.914215	0.0000012	4.85E-06	4.27047
AKR1C2	-1.650238	8.658695	-4.904449	0.00000126	5.07E-06	4.224706
BARX1	-1.687399	4.55061	-5.284162	1.86E-07	8.55E-07	6.064611
FGB	-1.689809	5.547049	-4.030108	0.0000641	0.000193	0.469033
GPX2	-2.002174	7.467042	-5.889898	6.96E-09	3.84E-08	9.252349

#### GEO-LUAD

id	logFC	AveExpr	t	P.Value	adj.P.Val	B
SFRP2	2.460088	6.291652	-2.729063	0.00680864	0.014397	-3.433169
SELE	2.453075	6.307985	-2.81749	0.00523201	0.011383	-3.19606
RSPO3	2.364828	9.7087	2.848592	0.00476175	0.010478	-3.110978
LINC01279	2.322002	7.930105	2.918945	0.00383673	0.008636	-2.915299
SCGB1A1	2.320517	5.417955	2.980836	0.00316208	0.007281	-2.739477
OGN	2.205916	6.152584	2.995058	0.00302328	0.007001	-2.698589
MMRN1	2.205377	9.278821	2.998803	0.00298767	0.006932	-2.687791
GZMB	2.15575	6.117345	-3.065342	0.00241592	0.005737	-2.493875
CXCL11	2.08966	10.63229	-3.100435	0.00215672	0.005198	-2.390016
ACKR1	2.010402	10.77173	-3.126185	0.00198312	0.004833	-2.313112
GZMK	2.002931	7.712614	3.152446	0.00181943	0.004481	-2.234077
IL6	1.97929	9.937909	3.252437	0.00130393	0.003322	-1.927581
VGLL3	1.975961	6.938919	3.376067	0.00085405	0.002282	-1.53651
CCDC80	1.972803	8.62891	-3.416424	0.00074188	0.002016	-1.405971
FABP4	1.954144	7.336559	3.431386	0.00070391	0.001922	-1.357219
PTGDS	1.914897	9.011163	3.519441	0.00051482	0.001455	-1.066377
GZMA	1.905472	6.518467	3.531733	0.00049258	0.001399	-1.025246
COL6A6	1.900186	7.644076	3.540833	0.00047669	0.001358	-0.994714
FAM150B	1.898418	7.218148	-3.620171	0.00035721	0.001048	-0.725518
RELN	1.889809	7.418077	-3.629708	0.00034492	0.001016	-0.692798
CXCL9	1.884115	6.244738	3.748347	0.00022176	0.000682	-0.279321
GIMAP6	1.883015	9.152411	3.749314	0.00022095	0.00068	-0.275901
PPP1R16B	1.880754	5.550857	3.750626	0.00021986	0.000677	-0.271261
HCAR3	1.857926	6.288297	-3.780295	0.00019652	0.000613	-0.165947
ZBED2	1.857012	8.183537	3.782275	0.00019505	0.000609	-0.158893
SNAI2	1.849933	7.941698	3.784179	0.00019364	0.000605	-0.152105

FCGR2B	1.842647	8.208254	3.795603	0.00018541	0.000582	-0.111319
CD69	1.842193	7.387895	-4.016016	7.86E-05	0.00027	0.696828
APOLD1	1.837507	7.147233	4.041253	7.1072E-05	0.000247	0.791915
FMO1	1.837274	9.125353	4.042313	7.0772E-05	0.000246	0.795922
OLFML1	1.835059	8.804427	4.057802	6.6514E-05	0.000233	0.854553
RARRES1	1.833652	5.123076	4.097171	5.6763E-05	0.000202	1.004463
C2orf40	1.830914	5.874242	4.130664	4.9555E-05	0.000179	1.132988
TRAT1	1.830511	6.312706	-4.208614	3.6006E-05	0.000135	1.435632
MRGPRF	1.82934	9.069887	-4.255868	2.9601E-05	0.000113	1.62148
GIMAP7	1.829248	7.919524	-4.283258	2.6404E-05	0.000102	1.73002
FIBIN	1.828299	8.855334	4.301975	2.4412E-05	9.54E-05	1.804539
VSIG4	1.822469	11.04937	-4.3105	2.3553E-05	9.24E-05	1.838569
C1QB	1.820034	6.232275	-4.328007	2.1879E-05	8.64E-05	1.908644
EGR3	1.819382	6.672161	-4.354224	1.9584E-05	7.82E-05	2.014029
FMO2	1.815948	6.3765	4.371311	1.8214E-05	7.34E-05	2.083012
RBM24	1.813309	7.903353	4.384835	1.7195E-05	6.97E-05	2.137772
THEMIS	1.812896	8.831651	4.39777	1.6272E-05	6.62E-05	2.190282
GIMAP4	1.811406	6.157733	4.435505	1.3843E-05	5.73E-05	2.344222
MME	1.810197	8.832263	-4.509606	1.0047E-05	4.3E-05	2.64977
RCSD1	1.810066	5.772216	-4.532556	9.0897E-06	3.94E-05	2.745274
GZMH	1.809222	8.001054	-4.560912	8.0279E-06	3.52E-05	2.863837
ANGPTL1	1.806483	5.138673	-4.599776	6.7646E-06	3.02E-05	3.027351
CILP	1.806225	10.31752	4.605427	6.5977E-06	2.95E-05	3.051223
GBP5	1.803548	9.58746	4.607972	6.5238E-06	2.92E-05	3.061984
ITK	1.800428	5.85215	-4.614974	6.3246E-06	2.84E-05	3.09161
SELP	1.798325	10.15066	-4.632517	5.8509E-06	2.65E-05	3.166005
CHRD1	1.797996	6.379502	-4.641833	5.6135E-06	2.55E-05	3.205609
IL7R	1.796449	7.994431	-4.671097	4.9264E-06	2.25E-05	3.330448
CD14	1.793668	8.50487	-4.671995	4.9066E-06	2.25E-05	3.334288
GPR183	1.791255	7.063907	4.682143	4.6887E-06	2.16E-05	3.377742
CCL4	1.789986	5.316194	4.683118	4.6683E-06	2.15E-05	3.38192
CSF2RB	1.78726	8.092033	-4.713879	4.0658E-06	1.9E-05	3.514133
JAM2	1.783943	4.590365	-4.776614	3.0608E-06	1.48E-05	3.786006
ITM2A	1.781831	10.34704	-4.796073	2.8011E-06	1.36E-05	3.870943
GPR18	1.779183	5.735561	4.819142	2.5208E-06	1.24E-05	3.972006
C1QA	1.77916	5.371676	-4.819654	2.5149E-06	1.24E-05	3.974253
EOMES	1.77859	6.546255	4.831124	2.3861E-06	1.18E-05	4.024655
GNG11	1.776366	5.821048	4.837563	2.3166E-06	1.15E-05	4.052995
LILRB2	1.773768	8.482684	-4.845324	2.2354E-06	1.11E-05	4.087193
NKG7	1.772711	9.618211	4.851311	2.1747E-06	1.08E-05	4.113603
C16orf54	1.772373	6.631031	4.884842	1.8629E-06	9.43E-06	4.262023
SELL	1.77191	4.791936	-4.891412	1.8071E-06	9.19E-06	4.291199
EBF1	1.770349	8.13742	-4.912312	1.6402E-06	8.44E-06	4.384241
MPEG1	1.770199	8.535787	-5.02858	9.5106E-07	5.18E-06	4.907729
CFD	1.770111	7.179631	5.039195	9.0447E-07	4.95E-06	4.956022
BCL2A1	1.768016	8.293106	5.058987	8.2343E-07	4.56E-06	5.046279
IL33	1.764048	7.013552	5.07319	7.6966E-07	4.28E-06	5.111227
MS4A1	1.763943	5.549115	5.088992	7.1383E-07	4.01E-06	5.183662
WNT2	1.763107	9.237916	-5.09155	7.0517E-07	3.96E-06	5.195405
IL10RA	1.761806	8.1207	5.106119	6.5776E-07	3.73E-06	5.262374
TMEM100	1.761727	8.636175	5.156571	5.1629E-07	2.99E-06	5.495482
CXCL12	1.760554	4.507254	5.225486	3.6982E-07	2.21E-06	5.816866
LYVE1	1.758641	8.688389	5.232241	3.5786E-07	2.14E-06	5.848553
NEXN	1.758466	6.082009	-5.243175	3.3929E-07	2.05E-06	5.899909
AKAP12	1.755062	6.437006	5.245328	3.3574E-07	2.03E-06	5.910033
MN1	1.753534	6.682226	5.254647	3.2081E-07	1.94E-06	5.953886
ELTD1	1.753521	6.581446	-5.262838	3.0822E-07	1.88E-06	5.992482
CD52	1.752672	5.971763	5.263583	3.071E-07	1.87E-06	5.995996

GPR171	1.749529	7.682341	5.272409	2.9412E-07	1.8E-06	6.037641
MFAP5	1.749191	7.703985	-5.273479	2.9258E-07	1.79E-06	6.042695
COL6A5	1.74634	7.661569	5.300816	2.5585E-07	1.58E-06	6.172063
SERPINF1	1.743535	6.759776	5.31519	2.3837E-07	1.48E-06	6.240297
TCF21	1.743354	5.978848	5.32591	2.261E-07	1.42E-06	6.291283
MFAP4	1.743316	6.759928	5.333037	2.1829E-07	1.37E-06	6.325224
CRTAM	1.743063	8.829557	5.34515	2.056E-07	1.3E-06	6.382995
SRPX	1.742278	6.972177	-5.378755	1.7404E-07	1.12E-06	6.543803
CXCL10	1.741544	9.928671	-5.41239	1.472E-07	9.58E-07	6.705551
GREM1	1.741468	10.13138	-5.431966	1.3348E-07	8.75E-07	6.800055
FGL2	1.740084	7.699975	-5.463108	1.1417E-07	7.6E-07	6.950951
TMEM47	1.739886	7.827889	-5.468806	1.1095E-07	7.4E-07	6.978632
CXCL13	1.739539	5.360626	5.501125	9.4268E-08	6.38E-07	7.136064
GIMAP1	1.738038	10.28941	-5.525327	8.3403E-08	5.7E-07	7.254433
RGS18	1.736397	9.43959	5.548384	7.4192E-08	5.14E-07	7.367578
S1PR1	1.734811	7.119348	-5.559601	7.0077E-08	4.89E-07	7.422757
ABCA6	1.733336	7.877952	5.602182	5.6388E-08	4.04E-07	7.632994
ECSCR	1.730891	6.674989	5.60574	5.537E-08	3.97E-07	7.650619
NLRC3	1.729898	7.900689	5.613603	5.3183E-08	3.83E-07	7.689599
SCN3A	1.728989	7.32126	5.630515	4.8762E-08	3.54E-07	7.773575
EVI2B	1.728627	5.316952	5.632867	4.8177E-08	3.5E-07	7.785267
FGR	1.727868	7.391497	-5.651089	4.3866E-08	3.21E-07	7.875997
CLDN5	1.727233	8.749225	5.683744	3.7062E-08	2.75E-07	8.039154
LRRN4CL	1.726611	11.15534	5.688026	3.625E-08	2.7E-07	8.0606
NRN1	1.724476	7.12957	5.68989	3.5902E-08	2.68E-07	8.069942
EMCN	1.722386	6.040849	5.741484	2.7464E-08	2.11E-07	8.3294
IGSF10	1.722309	8.54176	5.769085	2.3781E-08	1.85E-07	8.468936
PLN	1.721171	10.69712	5.776122	2.2921E-08	1.79E-07	8.504595
CD8A	1.720698	9.987777	-5.781764	2.2254E-08	1.75E-07	8.533205
C5AR1	1.718033	9.961508	-5.809099	1.9282E-08	1.53E-07	8.672128
IGDCC4	1.712592	5.635085	5.815523	1.8642E-08	1.49E-07	8.704851
TRG-AS1	1.711364	7.419473	5.822488	1.7972E-08	1.44E-07	8.740359
OMD	1.710874	7.411604	5.835501	1.6782E-08	1.35E-07	8.806784
CCL5	1.70888	7.896459	5.856297	1.5038E-08	1.22E-07	8.91317
ZNF521	1.705345	9.044071	5.857666	1.4929E-08	1.21E-07	8.920183
CCL19	1.704899	7.97173	5.862212	1.4575E-08	1.18E-07	8.943477
EDNRB	1.704863	10.98619	5.884354	1.2963E-08	1.06E-07	9.057149
CDH13	1.703583	8.936482	5.906955	1.1498E-08	9.52E-08	9.173509
P2RY13	1.703561	8.691444	5.94526	9.3754E-09	7.87E-08	9.371483
TRBC1	1.703147	10.20886	5.957244	8.7939E-09	7.42E-08	9.433622
CDH5	1.702507	6.993296	5.961076	8.6155E-09	7.29E-08	9.453508
RARRES2	1.701859	10.44715	5.977113	7.9067E-09	6.75E-08	9.536839
CD163	1.700229	7.008817	-5.982981	7.6618E-09	6.57E-08	9.567376
SAMSN1	1.700098	9.107312	-6.011009	6.5909E-09	5.74E-08	9.713524
GPR65	1.699866	8.355608	6.015145	6.4459E-09	5.62E-08	9.735135
NID2	1.699559	9.671917	6.064862	4.9286E-09	4.38E-08	9.995761
OLFML2B	1.69872	8.891919	6.078312	4.5822E-09	4.11E-08	10.06654
IL18R1	1.69786	8.430549	6.086874	4.3743E-09	3.94E-08	10.11166
MT1M	1.696884	9.691915	6.104207	3.9812E-09	3.61E-08	10.20313
ENPP2	1.695923	5.836958	6.110718	3.8426E-09	3.49E-08	10.23755
ADAMTS1	1.695603	7.307731	-6.190119	2.4897E-09	2.35E-08	10.65937
RASSF2	1.694039	10.5875	6.201248	2.342E-09	2.22E-08	10.71881
DUSP2	1.693549	6.242389	-6.202827	2.3217E-09	2.21E-08	10.72725
GHR	1.692763	6.838752	6.221048	2.1002E-09	2.01E-08	10.82475
IL18RAP	1.692469	6.281857	6.234218	1.9531E-09	1.88E-08	10.89536
CCDC102I	1.691094	7.656187	6.269246	1.6093E-09	1.58E-08	11.08368
EVI2A	1.690686	6.401191	6.290538	1.4301E-09	1.42E-08	11.19852
MS4A4A	1.690488	7.047774	6.324899	1.1814E-09	1.18E-08	11.38444

LINC00961	1.68999	5.928374	6.340595	1.0824E-09	1.09E-08	11.46961
SLA	1.683372	7.520565	6.352087	1.0151E-09	1.03E-08	11.53207
MGC24101	1.68302	6.964638	6.354744	1.0001E-09	1.02E-08	11.54652
C20orf85	1.679544	7.843024	6.354963	9.9889E-10	1.01E-08	11.54771
SOX17	1.678244	10.76663	-6.369994	9.1834E-10	9.42E-09	11.62955
TWIST1	1.677567	6.785126	6.371921	9.0849E-10	9.33E-09	11.64005
KLF4	1.676868	8.67964	6.390081	8.2057E-10	8.51E-09	11.73912
FAM107A	1.676142	8.210581	6.391658	8.1334E-10	8.44E-09	11.74774
GMFG	1.676	8.177833	6.405786	7.5131E-10	7.85E-09	11.82497
FCGR3B	1.674767	6.99952	6.417517	7.0335E-10	7.38E-09	11.88919
VEGFC	1.674732	5.910077	6.432126	6.4781E-10	6.84E-09	11.96929
SOX7	1.673926	7.90087	6.436221	6.3303E-10	6.7E-09	11.99177
CYYR1	1.668388	8.32237	-6.439308	6.2211E-10	6.6E-09	12.00871
DPT	1.668133	7.43586	-6.440532	6.1783E-10	6.56E-09	12.01543
CHN1	1.667158	7.33311	6.44583	5.9964E-10	6.4E-09	12.04454
CLMP	1.666664	8.016378	6.459439	5.5528E-10	5.95E-09	12.11938
CNRIP1	1.666403	8.0331	6.481601	4.8985E-10	5.3E-09	12.2415
HCLS1	1.664968	8.850828	-6.484683	4.8137E-10	5.21E-09	12.2585
TNFAIP6	1.664824	7.302101	6.496517	4.5014E-10	4.9E-09	12.32385
TUBB6	1.663079	5.37486	-6.498469	4.4518E-10	4.85E-09	12.33464
TNFAIP3	1.662629	8.060737	6.499459	4.4268E-10	4.83E-09	12.34011
HEG1	1.661227	7.069572	6.510982	4.1465E-10	4.56E-09	12.40385
CLEC2B	1.661207	6.942902	6.553743	3.2505E-10	3.65E-09	12.64105
MNDA	1.660739	7.053329	-6.559724	3.1414E-10	3.54E-09	12.67432
CNN1	1.66012	8.52776	6.576224	2.8588E-10	3.24E-09	12.7662
FHL1	1.659752	5.841885	-6.585231	2.7152E-10	3.1E-09	12.81642
HAS2	1.659494	7.174782	6.588057	2.6716E-10	3.05E-09	12.83219
SERPINA3	1.659223	11.02861	-6.602445	2.4602E-10	2.83E-09	12.91254
PREX1	1.658198	7.593597	6.65328	1.8369E-10	2.17E-09	13.19741
HSD11B1	1.656594	8.258465	-6.666319	1.7038E-10	2.03E-09	13.27073
CLEC1A	1.656456	8.981714	-6.681818	1.558E-10	1.87E-09	13.358
FOXF1	1.656153	8.764809	6.717873	1.2645E-10	1.54E-09	13.56156
CXCR4	1.65592	8.401998	6.718295	1.2614E-10	1.54E-09	13.56395
PDZRN4	1.654606	6.468141	-6.771672	9.2484E-11	1.15E-09	13.8667
CST7	1.65374	11.90392	6.77411	9.1179E-11	1.14E-09	13.88058
NCF1	1.653344	9.687449	6.774652	9.0891E-11	1.13E-09	13.88366
C1orf162	1.653266	6.839918	6.778579	8.8833E-11	1.11E-09	13.906
HS3ST2	1.653156	10.5103	6.79633	8.0088E-11	1.01E-09	14.00712
TM6SF1	1.652323	7.332274	6.798585	7.904E-11	9.95E-10	14.01998
CD93	1.651512	12.10468	6.80514	7.6069E-11	9.6E-10	14.05737
HCK	1.651095	8.251511	-6.807412	7.5064E-11	9.5E-10	14.07034
ICOS	1.650471	6.828106	6.807565	7.4997E-11	9.5E-10	14.07121
MEOX1	1.649786	9.4462	-6.852415	5.766E-11	7.48E-10	14.32779
LRMP	1.649739	7.905903	6.855184	5.673E-11	7.37E-10	14.34367
CCL2	1.647194	7.264212	6.867854	5.2658E-11	6.87E-10	14.41638
SGCG	1.646684	7.496635	6.876607	5.0014E-11	6.55E-10	14.46666
CPVL	1.646189	11.22675	6.888736	4.6566E-11	6.13E-10	14.53641
THEMIS2	1.646023	9.264699	-6.894071	4.5124E-11	5.96E-10	14.56712
NPY1R	1.64559	10.13356	6.897239	4.4288E-11	5.86E-10	14.58536
RAMP3	1.643932	6.439979	-6.915078	3.9862E-11	5.35E-10	14.68818
CCL8	1.643662	9.644682	-6.919056	3.8936E-11	5.23E-10	14.71113
AQP9	1.642947	7.636184	6.923534	3.7918E-11	5.12E-10	14.73698
LCK	1.642773	9.899355	-6.925816	3.741E-11	5.06E-10	14.75016
CALCRL	1.642453	5.195109	6.942431	3.3907E-11	4.61E-10	14.84618
ZFPM2	1.642379	8.805842	6.963148	2.9988E-11	4.11E-10	14.96614
CECR1	1.641122	8.542805	-6.967291	2.9259E-11	4.02E-10	14.99015
CTSK	1.640503	8.648113	-6.969376	2.8899E-11	3.99E-10	15.00224
TOX2	1.640368	6.528769	6.982221	2.6776E-11	3.71E-10	15.07678



TGFBR3	1.6393	10.05718	7.029485	2.0205E-11	2.87E-10	15.35183
CHIT1	1.637946	5.902834	7.058709	1.6967E-11	2.44E-10	15.52251
P2RY8	1.637887	8.068902	7.106291	1.2754E-11	1.86E-10	15.80141
EPB41L3	1.637235	7.922775	7.120395	1.1717E-11	1.72E-10	15.88432
MS4A7	1.635882	7.681476	-7.120763	1.1691E-11	1.72E-10	15.88648
GPM6A	1.635141	7.872741	7.139628	1.0435E-11	1.54E-10	15.99755
IL2RB	1.634919	10.0753	7.139877	1.042E-11	1.54E-10	15.99902
SCARA5	1.63451	7.503859	7.147288	9.9642E-12	1.48E-10	16.0427
FCER1G	1.632118	10.11237	7.199809	7.2533E-12	1.12E-10	16.35314
EGFL6	1.631017	7.809194	7.208273	6.8905E-12	1.07E-10	16.40331
CCDC3	1.630598	8.40589	7.216193	6.5673E-12	1.02E-10	16.45029
IDO1	1.62953	8.37594	-7.221421	6.3621E-12	9.89E-11	16.48132
FAM101B	1.629507	8.652045	7.248824	5.3861E-12	8.45E-11	16.64419
GGTA1P	1.629431	5.807064	7.272736	4.656E-12	7.36E-11	16.78664
TLR8	1.629357	7.08327	7.283921	4.3489E-12	6.91E-11	16.85338
CD2	1.62933	8.162028	7.319131	3.5069E-12	5.65E-11	17.06389
CYTIP	1.629287	7.57877	-7.344035	3.0106E-12	4.91E-11	17.21318
CLEC10A	1.629139	8.328394	7.378058	2.4428E-12	4.05E-11	17.41766
GLT8D2	1.628495	8.216623	7.387768	2.3011E-12	3.84E-11	17.47612
SERPING1	1.627972	5.897171	7.43172	1.7548E-12	2.98E-11	17.74138
PPBP	1.625754	7.259046	-7.443151	1.6351E-12	2.79E-11	17.81053
BCHE	1.6245	6.252855	7.445555	1.611E-12	2.76E-11	17.82508
MARCO	1.624384	8.667359	7.47182	1.3692E-12	2.36E-11	17.98425
LCPI	1.623817	7.03951	-7.473373	1.3561E-12	2.35E-11	17.99368
CRYAB	1.622263	7.90684	-7.476103	1.3333E-12	2.31E-11	18.01024
FOSB	1.62153	5.944413	7.500917	1.143E-12	2E-11	18.161
SASH3	1.620938	7.747982	7.504512	1.1178E-12	1.96E-11	18.18287
AOX1	1.618566	11.10428	7.513191	1.0591E-12	1.86E-11	18.23568
RTN1	1.617695	9.162162	7.513621	1.0562E-12	1.86E-11	18.2383
F13A1	1.617376	9.044053	7.559162	7.9532E-13	1.42E-11	18.51609
RHOH	1.616736	8.440617	7.568898	7.4842E-13	1.35E-11	18.57561
SLC2A3	1.616466	7.59352	7.59037	6.5442E-13	1.19E-11	18.70705
COL15A1	1.616055	8.563646	-7.591719	6.4892E-13	1.18E-11	18.71531
VCAM1	1.615119	5.775107	7.597776	6.2478E-13	1.14E-11	18.75244
FCGR1B	1.614782	6.655297	7.610867	5.756E-13	1.06E-11	18.83273
LINC0121:	1.614075	5.330659	7.628083	5.167E-13	9.63E-12	18.93846
SLC7A7	1.613721	9.645308	7.636359	4.9055E-13	9.18E-12	18.98934
ITGAL	1.613281	5.392942	7.645251	4.639E-13	8.73E-12	19.04404
TLR4	1.612606	7.42742	7.648192	4.5541E-13	8.59E-12	19.06214
CORO1A	1.612021	5.658855	7.663926	4.1251E-13	7.82E-12	19.15905
TMEM255	1.610728	9.054292	7.675082	3.8454E-13	7.35E-12	19.22784
MCAM	1.610426	8.046677	7.685015	3.6122E-13	6.93E-12	19.28914
DPEP2	1.610036	9.043663	7.726729	2.776E-13	5.4E-12	19.54709
KCNT2	1.607954	8.025914	7.751055	2.38E-13	4.67E-12	19.69791
FXVD6	1.606668	8.246458	7.759517	2.2558E-13	4.45E-12	19.75044
ARHGAP9	1.606632	7.024451	-7.767124	2.1496E-13	4.26E-12	19.79769
SULF2	1.604008	8.116184	7.771167	2.0952E-13	4.16E-12	19.82282
ADAMDE1	1.603641	8.579124	7.774985	2.045E-13	4.08E-12	19.84655
KLRB1	1.603285	11.33719	-7.790874	1.8488E-13	3.71E-12	19.9454
ADH1B	1.602664	7.269706	7.840603	1.3473E-13	2.76E-12	20.25555
KANK3	1.602296	7.868506	7.862801	1.1694E-13	2.42E-12	20.39438
SLIT2	1.601062	9.359742	7.888981	9.8922E-14	2.06E-12	20.55841
CD247	1.600937	7.447654	7.925739	7.8168E-14	1.66E-12	20.78927
GVINP1	1.600855	8.199403	7.925954	7.8061E-14	1.66E-12	20.79062
ITIH5	1.600673	7.050294	7.931795	7.519E-14	1.61E-12	20.82736
GBP4	1.600224	8.506308	7.936945	7.2745E-14	1.56E-12	20.85977
LRRC32	1.599059	10.15747	7.951153	6.6401E-14	1.44E-12	20.94925
LYZ	1.597938	9.999993	7.969774	5.8908E-14	1.29E-12	21.06665

NCF2	1.595812	7.102325	-8.008457	4.5913E-14	1.02E-12	21.31108
GFPT2	1.593627	6.057358	8.015609	4.3842E-14	9.82E-13	21.35634
PKHD1L1	1.593568	9.815412	8.061176	3.2655E-14	7.41E-13	21.64529
GNLY	1.592732	8.835062	-8.081548	2.8617E-14	6.59E-13	21.77478
GPR34	1.59234	7.253866	8.091861	2.6765E-14	6.2E-13	21.84041
FBLN2	1.591449	8.171512	8.097445	2.5812E-14	5.99E-13	21.87596
DHRS9	1.590864	8.554039	-8.103266	2.4855E-14	5.8E-13	21.91304
SEMA5A	1.590111	7.665551	8.116358	2.2828E-14	5.36E-13	21.99649
AOC3	1.589014	7.325934	8.161496	1.7016E-14	4.08E-13	22.28478
CA3	1.588587	7.311621	8.17876	1.5204E-14	3.67E-13	22.39528
TCEAL7	1.588178	9.915537	8.187158	1.4393E-14	3.5E-13	22.44909
TCF4	1.586708	9.032226	-8.192335	1.3914E-14	3.4E-13	22.48227
FBN1	1.584845	8.874005	8.199923	1.3241E-14	3.25E-13	22.53093
NELL2	1.583816	6.510076	8.203098	1.2969E-14	3.18E-13	22.55129
FRMD6	1.583275	8.961595	8.213234	1.2137E-14	2.99E-13	22.61634
KCNJ8	1.582767	10.35584	8.226778	1.1107E-14	2.76E-13	22.70334
GLIPR2	1.581238	8.596772	8.272289	8.2414E-15	2.1E-13	22.99625
LRRN3	1.581171	7.436925	-8.282387	7.7124E-15	1.97E-13	23.06137
COL6A2	1.580966	8.845271	8.303211	6.7254E-15	1.73E-13	23.19578
IRF8	1.58091	11.20407	-8.318378	6.0863E-15	1.57E-13	23.29381
MRC1	1.580725	7.103398	8.335641	5.4317E-15	1.42E-13	23.4055
EMP3	1.577895	7.691956	8.353619	4.8241E-15	1.26E-13	23.52195
PECAM1	1.577333	7.761857	8.374473	4.2033E-15	1.12E-13	23.65721
TFEC	1.576952	7.821023	8.394702	3.6768E-15	9.85E-14	23.78859
NAP1L3	1.575583	7.600594	8.417791	3.1554E-15	8.52E-14	23.93876
RHOJ	1.575428	9.897254	8.447298	2.5943E-15	7.07E-14	24.13101
ZNF423	1.575091	7.650136	8.461377	2.3627E-15	6.49E-14	24.22286
AOAH	1.573841	9.982521	8.492003	1.9271E-15	5.36E-14	24.42297
APLNR	1.573241	8.078401	-8.496796	1.8666E-15	5.21E-14	24.45432
KIAA0226	1.572631	8.864434	8.496979	1.8643E-15	5.21E-14	24.45552
CASQ2	1.571615	6.799337	-8.567305	1.1658E-15	3.35E-14	24.91663
MYZAP	1.571391	8.725663	-8.568339	1.1578E-15	3.33E-14	24.92343
CCR7	1.570739	10.61281	8.568551	1.1561E-15	3.33E-14	24.92482
TNFSF13E	1.570481	10.48229	8.574279	1.1126E-15	3.23E-14	24.96248
CCR5	1.570407	9.78346	8.58432	1.0403E-15	3.03E-14	25.02851
SEMA3G	1.570285	8.177617	8.594063	9.7459E-16	2.85E-14	25.09262
KIAA1462	1.569378	8.01496	8.632137	7.5491E-16	2.23E-14	25.34354
FDCSP	1.567372	7.417458	8.643723	6.9838E-16	2.07E-14	25.42001
SH2B3	1.566778	9.330387	8.676318	5.6087E-16	1.7E-14	25.63544
MIR100HC	1.565044	6.672819	8.72906	3.93E-16	1.22E-14	25.98494
ENTPD1	1.564263	8.736772	8.729511	3.9181E-16	1.22E-14	25.98793
DZIP1	1.563361	8.429806	8.743815	3.5571E-16	1.12E-14	26.08291
ARHGEF6	1.563058	9.649658	8.74508	3.5268E-16	1.11E-14	26.09131
FCN1	1.561836	6.739192	8.745622	3.5139E-16	1.11E-14	26.09492
P2RY14	1.561719	6.750465	8.753655	3.3281E-16	1.06E-14	26.14829
AMICA1	1.561467	8.721639	8.770087	2.9779E-16	9.52E-15	26.25757
TYROBP	1.559063	10.78085	8.799025	2.4477E-16	7.92E-15	26.45027
CCL11	1.557341	10.06009	8.809222	2.2841E-16	7.47E-15	26.51825
PEAR1	1.557113	9.381543	-8.815171	2.1937E-16	7.2E-15	26.55793
TMCC3	1.556962	7.601173	8.834808	1.9199E-16	6.34E-15	26.689
ID3	1.555629	9.29157	8.849384	1.7388E-16	5.79E-15	26.78639
CCR1	1.555337	7.178948	8.865935	1.5536E-16	5.23E-15	26.89708
CD86	1.554202	8.381842	8.892676	1.2949E-16	4.37E-15	27.07614
LXN	1.553152	9.619189	8.89305	1.2916E-16	4.36E-15	27.07864
TMEM119	1.553066	7.076134	8.918076	1.0889E-16	3.74E-15	27.24647
PCAT19	1.55305	7.696809	8.944031	9.1196E-17	3.17E-15	27.42077
CYTL1	1.552246	8.536833	8.959178	8.2222E-17	2.86E-15	27.52261
GBP1	1.550331	9.272216	8.964805	7.9117E-17	2.77E-15	27.56047

THBD	1.547621	7.31114	9.035992	4.856E-17	1.75E-15	28.04041
LINC0070	1.547484	9.65537	-9.068882	3.8732E-17	1.41E-15	28.2628
ABCG2	1.545911	5.668084	9.080199	3.5829E-17	1.31E-15	28.33941
INMT	1.545521	9.40941	9.080558	3.574E-17	1.31E-15	28.34184
C1QC	1.545491	8.317192	9.098197	3.1651E-17	1.17E-15	28.46134
ACKR4	1.544935	8.792772	9.119456	2.7335E-17	1.02E-15	28.60553
GIPC2	1.544487	8.511584	9.13833	2.3996E-17	8.99E-16	28.73367
DACH1	1.544127	8.791395	9.139145	2.3861E-17	8.96E-16	28.73921
PLEK	1.543217	9.686025	9.163027	2.023E-17	7.76E-16	28.90155
HOXA5	1.54196	10.00165	-9.176008	1.8493E-17	7.12E-16	28.98988
SETBP1	1.541126	8.290065	9.209709	1.4643E-17	5.75E-16	29.21947
STX11	1.540828	9.659775	9.244237	1.1524E-17	4.6E-16	29.45513
EGR2	1.539388	7.133604	9.249956	1.1075E-17	4.47E-16	29.4942
RASL12	1.539076	8.219839	9.286897	8.5665E-18	3.53E-16	29.74686
MYO1F	1.538576	9.604725	9.29478	8.1091E-18	3.37E-16	29.80084
TSHZ3	1.537719	8.944443	9.295578	8.0642E-18	3.36E-16	29.8063
LINC0062	1.537634	7.437423	9.31243	7.1711E-18	3.01E-16	29.92178
SYNPO2	1.536919	5.678976	9.318189	6.889E-18	2.91E-16	29.96126
KLHL6	1.536605	7.278697	9.322539	6.6833E-18	2.84E-16	29.9911
P2RX5	1.536467	10.3504	9.324728	6.5821E-18	2.82E-16	30.00611
GLIPR1	1.536075	7.726316	-9.329185	6.3807E-18	2.75E-16	30.03668
PRRX1	1.535957	7.878693	9.337238	6.0322E-18	2.61E-16	30.09195
TENM2	1.535877	8.828869	9.356614	5.2692E-18	2.3E-16	30.22501
CSTA	1.535794	9.486934	9.367198	4.8937E-18	2.16E-16	30.29774
PTX3	1.535686	7.830663	9.375574	4.6155E-18	2.05E-16	30.35533
FGFBP2	1.535451	7.313739	9.379306	4.4966E-18	2E-16	30.381
APOL3	1.535339	7.764625	9.394676	4.0384E-18	1.82E-16	30.48676
SGIP1	1.535181	10.88658	9.410998	3.6025E-18	1.64E-16	30.59916
CD3D	1.533932	7.892631	9.41705	3.453E-18	1.57E-16	30.64086
PTPRC	1.533354	10.34927	-9.445295	2.8329E-18	1.3E-16	30.83564
ADM	1.53327	9.822862	9.466882	2.4348E-18	1.13E-16	30.98469
PCDH17	1.532524	9.645254	9.484334	2.1539E-18	1.01E-16	31.1053
RNASE6	1.532493	5.822556	9.488985	2.0847E-18	9.86E-17	31.13746
SYNM	1.532479	8.929796	9.496501	1.9774E-18	9.38E-17	31.18945
CHST11	1.53223	9.00908	9.49843	1.9508E-18	9.28E-17	31.20279
ISLR	1.532003	9.678696	9.500036	1.9289E-18	9.21E-17	31.2139
PVRIG	1.530673	6.131165	9.521084	1.6635E-18	8.08E-17	31.35962
EMILIN1	1.529658	9.971319	9.533861	1.5204E-18	7.48E-17	31.44815
GIMAP2	1.529541	8.618306	9.538249	1.4741E-18	7.29E-17	31.47856
TIMP3	1.528322	9.536703	9.541246	1.4433E-18	7.16E-17	31.49934
BNC2	1.528241	9.114649	9.598689	9.625E-19	4.88E-17	31.89813
IGF1	1.527897	7.731839	9.605421	9.178E-19	4.67E-17	31.94494
HLX	1.52767	8.17005	9.619571	8.3046E-19	4.25E-17	32.04337
ABCB1	1.52766	8.057355	9.627799	7.8352E-19	4.03E-17	32.10065
MYCT1	1.527574	6.604377	9.633491	7.5261E-19	3.89E-17	32.14027
SNTN	1.526926	7.883738	9.647088	6.8357E-19	3.56E-17	32.23498
PCOLCE2	1.526367	8.574576	9.668819	5.8607E-19	3.1E-17	32.38647
C7	1.52603	9.024031	9.677999	5.4916E-19	2.92E-17	32.45051
TBC1D10C	1.525202	8.419552	-9.681753	5.3474E-19	2.86E-17	32.47671
KMO	1.524952	7.932978	9.687502	5.1338E-19	2.75E-17	32.51683
C1orf54	1.524756	7.873157	9.725688	3.9152E-19	2.14E-17	32.78363
LAX1	1.524102	6.495068	9.738114	3.5843E-19	1.97E-17	32.87055
LOC10013	1.523531	6.956801	-9.752588	3.2339E-19	1.78E-17	32.97185
NCKAP5	1.523224	9.724537	9.768859	2.8804E-19	1.6E-17	33.08581
PDK4	1.522592	9.477343	9.769059	2.8763E-19	1.6E-17	33.08721
CD200	1.522328	8.538909	9.785911	2.5512E-19	1.44E-17	33.20533
TNFRSF11	1.522082	8.175552	9.818723	2.0192E-19	1.15E-17	33.43557
SNX10	1.521914	8.966483	-9.830691	1.854E-19	1.07E-17	33.51963

EPSTI1	1.520506	8.53982	9.856984	1.5367E-19	9.01E-18	33.70446
CLSTN2	1.520156	7.126633	9.857573	1.5303E-19	9E-18	33.7086
MAL	1.520129	8.360914	9.869016	1.4101E-19	8.39E-18	33.78911
MAMDC2	1.520083	8.440423	9.880333	1.3006E-19	7.79E-18	33.86878
TNFAIP8L	1.51963	9.158748	9.893813	1.181E-19	7.13E-18	33.96371
SLC31A2	1.519622	9.986243	9.89736	1.1514E-19	6.98E-18	33.9887
LGALS2	1.519525	7.961312	9.918137	9.9231E-20	6.06E-18	34.13516
ST8SIA1	1.518746	7.021177	9.937509	8.6373E-20	5.33E-18	34.27183
LAPTM5	1.518692	7.246614	-9.952899	7.735E-20	4.8E-18	34.3805
FGF2	1.516747	10.42577	9.961578	7.2682E-20	4.52E-18	34.44181
BTK	1.516717	8.131373	9.990633	5.8999E-20	3.69E-18	34.64722
TMEM158	1.515451	8.463436	9.991999	5.8423E-20	3.66E-18	34.65688
CD300LF	1.515405	7.330009	10.00157	5.454E-20	3.43E-18	34.72462
NUAK1	1.515379	10.57593	10.01758	4.8613E-20	3.1E-18	34.83794
LOC10050	1.514952	6.475963	10.02286	4.6801E-20	3.01E-18	34.87534
FAM216B	1.511938	9.461987	10.08503	2.9911E-20	2E-18	35.31631
MCEMP1	1.511311	10.53633	10.10499	2.5901E-20	1.75E-18	35.4581
VNN2	1.510547	8.490927	10.11359	2.4342E-20	1.65E-18	35.51925
PYHIN1	1.50927	8.93227	10.11879	2.3446E-20	1.61E-18	35.5562
WIPF1	1.50865	9.806358	10.14387	1.9561E-20	1.35E-18	35.73466
GAPT	1.508494	10.68891	10.14605	1.9256E-20	1.33E-18	35.75015
CCDC50	1.508007	10.8012	10.1582	1.7637E-20	1.24E-18	35.83666
CD36	1.507174	8.303061	10.19043	1.3968E-20	9.87E-19	36.06642
SPOCK1	1.506141	7.380732	10.19214	1.3796E-20	9.79E-19	36.07862
RGS2	1.506123	8.938339	10.22019	1.1259E-20	8.1E-19	36.27879
NLRC5	1.505989	10.33305	10.22294	1.1037E-20	7.97E-19	36.29841
SLAMF8	1.505977	10.00396	10.22305	1.1029E-20	7.97E-19	36.29915
RNF182	1.505066	7.079965	10.2503	9.0508E-21	6.69E-19	36.4939
CPXM1	1.50415	9.605069	10.25185	8.9501E-21	6.64E-19	36.50491
STARD8	1.503478	10.2575	10.39147	3.2411E-21	2.51E-19	37.50576
ANGPT2	1.502858	7.654937	10.39971	3.0521E-21	2.37E-19	37.56497
FERMT3	1.502302	8.194557	10.40236	2.9937E-21	2.34E-19	37.58398
FYB	1.501999	10.47909	10.41264	2.7774E-21	2.18E-19	37.65791
ITGAM	1.501907	10.42906	10.42534	2.5314E-21	2.02E-19	37.74927
GABRP	1.500679	10.51983	10.45036	2.1085E-21	1.7E-19	37.92942
KDF1	-1.502886	9.868011	10.45851	1.9866E-21	1.61E-19	37.9881
IYD	-1.503373	7.863816	10.50486	1.4153E-21	1.16E-19	38.3223
FLJ13744	-1.505039	9.469583	10.52113	1.2562E-21	1.04E-19	38.43977
METTL7B	-1.505228	8.128042	10.53449	1.1391E-21	9.45E-20	38.53627
EHF	-1.506958	8.895267	10.55875	9.5344E-22	8.04E-20	38.71158
MARVELI	-1.507644	7.532154	10.56723	8.9591E-22	7.59E-20	38.77292
KIAA0895	-1.508027	8.9412	10.57797	8.2801E-22	7.05E-20	38.8506
ZSCAN31	-1.514246	9.055684	10.60865	6.6093E-22	5.75E-20	39.07273
LGALS4	-1.514617	10.26681	10.61676	6.227E-22	5.45E-20	39.13146
STX19	-1.51816	6.473201	10.62703	5.7741E-22	5.08E-20	39.20588
BSPRY	-1.518339	8.975045	10.63451	5.4651E-22	4.86E-20	39.26008
TOM1L1	-1.520393	10.38632	10.64487	5.0641E-22	4.55E-20	39.33521
CLDN3	-1.527114	8.959005	10.64573	5.032E-22	4.55E-20	39.34147
CXCL17	-1.528299	7.627896	10.72999	2.7048E-22	2.61E-20	39.95338
TLCD1	-1.529866	9.601638	10.73325	2.6404E-22	2.56E-20	39.97712
LOC10193	-1.530396	8.761462	10.7575	2.2077E-22	2.19E-20	40.15357
SBK1	-1.535576	7.327787	10.80653	1.5367E-22	1.54E-20	40.51073
LRG1	-1.535889	7.930836	10.84215	1.1806E-22	1.2E-20	40.77063
CLUL1	-1.537655	8.593663	10.86518	9.9548E-23	1.03E-20	40.93874
C1orf210	-1.538867	8.167792	10.87533	9.233E-23	9.76E-21	41.01295
PLS1	-1.539964	7.190852	10.89288	8.1069E-23	8.63E-21	41.14118
UNC5CL	-1.541517	7.624367	10.90042	7.6655E-23	8.21E-21	41.19637
LRRC8E	-1.542553	8.239072	11.00126	3.624E-23	4.04E-21	41.93498

SLC22A18	-1.546843	9.460184	11.0079	3.4493E-23	3.88E-21	41.9837
SYNE4	-1.548842	7.836064	11.01767	3.2075E-23	3.66E-21	42.05537
LCT	-1.548976	7.900834	11.02371	3.0664E-23	3.52E-21	42.09973
RNF43	-1.549531	8.434915	11.03171	2.889E-23	3.36E-21	42.15848
KISS1R	-1.551198	8.280693	11.05029	2.5158E-23	2.95E-21	42.29487
APTR	-1.553177	8.398483	11.06582	2.2407E-23	2.65E-21	42.40906
UGT8	-1.553837	10.65562	11.10789	1.6373E-23	1.96E-21	42.71843
PCP4L1	-1.555407	8.245596	-11.14867	1.2074E-23	1.47E-21	43.01873
GPR160	-1.555698	8.046806	11.15642	1.1395E-23	1.4E-21	43.07584
FOLR1	-1.557482	8.555086	11.17039	1.0265E-23	1.28E-21	43.17879
SMIM22	-1.559917	8.073759	11.1711	1.0211E-23	1.28E-21	43.18403
ABCC3	-1.560557	7.131472	11.21539	7.3303E-24	9.27E-22	43.51085
CRYM	-1.563482	7.860862	11.28074	4.4925E-24	5.77E-22	43.99368
C1orf106	-1.567755	7.945228	11.28153	4.4659E-24	5.77E-22	43.99955
ZBED9	-1.56966	9.311046	11.31088	3.5834E-24	4.68E-22	44.21666
SPINK5	-1.573061	8.745252	-11.32503	3.2222E-24	4.24E-22	44.32145
PRSS16	-1.580358	8.254847	11.38746	2.0156E-24	2.7E-22	44.78412
HPN	-1.581471	9.190997	11.38937	1.9868E-24	2.68E-22	44.79832
AGR2	-1.593016	9.433984	11.49402	9.0344E-25	1.26E-22	45.5756
MUC1	-1.59346	10.20647	11.4998	8.6489E-25	1.22E-22	45.61861
TMC4	-1.59518	9.271807	11.50304	8.44E-25	1.21E-22	45.64272
LOC14583	-1.597353	8.504638	11.53277	6.7439E-25	9.76E-23	45.864
LOC10265	-1.600579	7.024545	11.5926	4.2917E-25	6.43E-23	46.30979
AQP5	-1.602004	7.280867	11.61867	3.5239E-25	5.33E-23	46.50423
LGSN	-1.603116	8.466408	-11.61934	3.5062E-25	5.33E-23	46.50921
GRHL2	-1.603616	9.071969	11.64311	2.9289E-25	4.56E-23	46.68667
SFTA2	-1.60466	9.107124	11.65045	2.7707E-25	4.35E-23	46.74142
CA10	-1.609594	8.60234	11.67605	2.2824E-25	3.69E-23	46.93265
ESRP1	-1.610368	7.630141	11.70097	1.8896E-25	3.09E-23	47.11895
MFSD4	-1.612018	9.341146	-11.77068	1.1137E-25	1.88E-23	47.64049
NQO1	-1.617366	8.106549	11.78307	1.0137E-25	1.73E-23	47.73333
FOXA3	-1.618697	6.854122	11.81713	7.8261E-26	1.35E-23	47.98854
GLB1L3	-1.621331	9.225566	11.8283	7.1889E-26	1.25E-23	48.07232
ENTPD3	-1.622787	10.17078	11.8614	5.5894E-26	9.83E-24	48.3206
ACSM3	-1.623148	7.853482	11.91437	3.7351E-26	6.64E-24	48.71827
TMEM45E	-1.625657	8.938212	11.93581	3.1721E-26	5.77E-24	48.87944
FREM2	-1.629384	11.2028	11.97947	2.2742E-26	4.23E-24	49.20775
RNF157-A	-1.632713	9.784707	12.03273	1.5148E-26	2.88E-24	49.60868
BLACAT1	-1.636016	6.999412	12.03529	1.4855E-26	2.86E-24	49.62794
AP1M2	-1.636865	7.432683	12.05732	1.2555E-26	2.45E-24	49.79392
SGPP2	-1.641117	10.16734	12.1183	7.8779E-27	1.57E-24	50.25372
MANEAL	-1.642025	6.306314	12.23869	3.1339E-27	6.76E-25	51.16323
HOOK1	-1.643403	9.224387	12.27924	2.2964E-27	5.02E-25	51.47002
PPAP2C	-1.643919	6.90648	-12.34495	1.3868E-27	3.12E-25	51.96766
C1orf116	-1.646795	8.243665	12.35992	1.2362E-27	2.82E-25	52.08113
DPP10	-1.650016	8.277831	12.42479	7.5074E-28	1.79E-25	52.57322
TMPRSS4	-1.65354	10.2451	12.58192	2.2384E-28	5.84E-26	53.76735
KRTCAP3	-1.65746	10.31885	12.64426	1.3837E-28	3.8E-26	54.242
PRSS8	-1.665907	8.864954	12.66654	1.165E-28	3.25E-26	54.4118
GOLT1A	-1.666049	10.2952	12.7997	4.1619E-29	1.22E-26	55.42758
LOC10050	-1.673848	8.294091	12.87135	2.39E-29	7.3E-27	55.97499
RAB25	-1.681968	7.209986	12.91952	1.6454E-29	5.33E-27	56.34341
LINC0120'	-1.69027	7.792183	12.9312	1.5029E-29	4.96E-27	56.43278
HABP2	-1.698338	10.72819	12.96521	1.1545E-29	3.98E-27	56.69301
IRX5	-1.702583	10.35328	12.97895	1.0378E-29	3.65E-27	56.79821
PRR15L	-1.702756	9.19262	13.00953	8.186E-30	2.94E-27	57.03238
WASIR1 //	-1.714881	10.18887	13.37597	4.7326E-31	2.02E-28	59.84563
EGF	-1.718298	8.179724	13.3906	4.2222E-31	1.85E-28	59.95825

KIAA1324	-1.733144	8.152694	13.43376	3.0155E-31	1.37E-28	60.29045
HS6ST2	-1.740581	10.22575	13.51133	1.6461E-31	7.83E-29	60.88788
C9orf152	-1.740654	11.60432	13.53332	1.3864E-31	6.8E-29	61.05734
STK31	-1.746269	9.863539	13.7028	3.6865E-32	2.13E-29	62.36469
ST6GALN	-1.75137	7.753444	13.75712	2.4102E-32	1.44E-29	62.78414
PON3	-1.752803	10.06587	13.80159	1.7017E-32	1.06E-29	63.12768
C16orf89	-1.753716	8.357189	13.85416	1.1275E-32	7.3E-30	63.53395
SCGB2A1	-1.753718	6.861987	13.85491	1.1209E-32	7.3E-30	63.5397
MAP7D2	-1.75623	6.572004	14.11841	1.4202E-33	1.04E-30	65.57864
SCGB3A1	-1.765805	9.50122	14.22876	5.9718E-34	4.6E-31	66.43366
PPP1R1B	-1.767595	8.960076	14.28087	3.9659E-34	3.21E-31	66.83762
FAM3B	-1.799258	8.038631	14.31793	2.9641E-34	2.52E-31	67.12497
FMO5	-1.810074	9.993115	14.36711	2.014E-34	1.81E-31	67.50639
GCNT3	-1.820261	8.534845	14.49609	7.3051E-35	7.39E-32	68.50722
TOX3	-1.858725	8.32642	14.98473	1.559E-36	2.52E-33	72.30373
CAPN8	-1.871251	9.228669	15.10704	5.9464E-37	1.07E-33	73.25482
KCNK5	-2.039292	9.321742	15.72257	4.6408E-39	1.07E-35	78.04322
ZNF750	-2.071425	9.19328	15.8877	1.2622E-39	3.4E-36	79.32771
LRRC31	-2.088588	8.994599	16.08024	2.7669E-40	8.95E-37	80.82491
AFAP1-AS	-2.095054	9.192557	16.30239	4.8059E-41	2.15E-37	82.55156
AZGP1	-2.161278	9.840557	16.75662	1.3457E-42	1.09E-38	86.0779

