

id	logFC	AveExpr	t	P.Value	adj.P.Val	B
FIGF	-2.67858	4.621303	-17.151	2.92E-49	6.06E-46	101.2837
OXTR	-1.95254	5.296346	-16.7987	8.89E-48	1.17E-44	97.89948
ANKRD30A	-1.93524	4.901662	-8.97827	1.28E-17	1.42E-16	29.19582
SCGB1D2	-1.89084	5.478578	-8.1844	4.16E-15	3.45E-14	23.50702
ABCA8	-1.87266	4.688371	-13.7499	3.29E-35	3.27E-33	69.23023
ADIPOQ	-1.8594	5.685428	-10.7554	9.78E-24	2.30E-22	43.09457
AK5	-1.85926	4.622557	-13.9415	5.59E-36	6.44E-34	70.98648
OGN	-1.83827	5.903381	-10.3266	3.33E-22	6.43E-21	39.60876
WIF1	-1.83309	4.812411	-9.52053	2.04E-19	2.78E-18	33.27704
ADH1C	-1.82222	5.265083	-12.4898	3.08E-30	1.56E-28	57.9004
SCGB2A2	-1.80572	6.268554	-6.65313	1.00E-10	4.97E-10	13.62186
CD36	-1.80146	6.008898	-10.6657	2.06E-23	4.67E-22	42.35891
PTN	-1.794	5.537299	-11.1444	3.74E-25	1.03E-23	46.3211
PIGR	-1.79232	5.739099	-10.1343	1.58E-21	2.80E-20	38.07105
MAOA	-1.77612	5.238589	-12.1219	8.01E-29	3.41E-27	54.67468
SDPR	-1.77529	4.603857	-16.5227	1.28E-46	1.43E-43	95.25538
NTRK2	-1.74744	5.390661	-15.1088	9.76E-41	2.72E-38	81.83863
ABCA6	-1.73964	5.282475	-13.9283	6.32E-36	6.95E-34	70.86534
PIP	-1.73644	6.373052	-5.62344	3.63E-08	1.33E-07	7.889206
TIMP4	-1.73133	4.664749	-11.0951	5.67E-25	1.52E-23	45.90938
APOD	-1.71703	8.029292	-10.1754	1.14E-21	2.05E-20	38.39826
LPL	-1.71408	6.029699	-9.66765	6.47E-20	9.27E-19	34.4098
MAMDC2	-1.67524	4.918451	-14.3992	7.84E-38	1.20E-35	75.21197
KIT	-1.67271	6.549214	-10.3197	3.53E-22	6.79E-21	39.55276
ATP1A2	-1.66888	4.046181	-12.9997	3.15E-32	2.08E-30	62.4358
PDK4	-1.66748	6.205789	-11.6033	7.37E-27	2.57E-25	50.20204
SCUBE2	-1.66014	5.111118	-11.1967	2.40E-25	6.72E-24	46.75995
MYH11	-1.64934	6.878803	-13.4785	4.01E-34	3.42E-32	66.75625
ADAMTS5	-1.64729	5.642482	-17.683	1.66E-51	4.81E-48	106.4084
CDO1	-1.64627	4.98591	-13.0406	2.17E-32	1.47E-30	62.80234
CCL28	-1.64166	5.450578	-11.1268	4.34E-25	1.18E-23	46.17371
GPC3	-1.61522	4.596833	-13.6572	7.75E-35	7.40E-33	68.38302
TSHZ2	-1.61103	5.825091	-15.1903	4.50E-41	1.45E-38	82.60521
PI15	-1.60057	5.217625	-8.8552	3.22E-17	3.34E-16	28.29097
RERGL	-1.59727	3.519023	-14.8837	8.22E-40	1.86E-37	79.72703
LYVE1	-1.59471	5.743245	-9.81475	2.03E-20	3.08E-19	35.55293
IGSF10	-1.59285	4.069021	-15.5906	9.93E-43	4.12E-40	86.383
MATN2	-1.58741	5.203984	-15.9152	4.44E-44	2.39E-41	89.46152
PIK3C2G	-1.58366	4.163953	-11.1741	2.90E-25	8.03E-24	46.57051
MME	-1.57121	5.616661	-14.2588	2.92E-37	4.19E-35	73.91073
CNN1	-1.55801	5.854462	-13.8174	1.77E-35	1.86E-33	69.8478
NTN4	-1.55354	6.346132	-12.3168	1.43E-29	6.73E-28	56.3783
SRPX	-1.53586	5.977108	-13.1346	9.26E-33	6.49E-31	63.64669
TNXB	-1.53262	6.039684	-16.8062	8.27E-48	1.17E-44	97.9713
TP63	-1.52869	4.940405	-12.4098	6.27E-30	3.06E-28	57.19551
ITM2A	-1.52808	5.33675	-12.9282	6.01E-32	3.78E-30	61.79523
THRSP	-1.52596	5.917003	-8.59087	2.25E-16	2.15E-15	26.37541
ANGPTL1	-1.49919	4.32439	-12.4841	3.24E-30	1.64E-28	57.85044
RBP4	-1.4991	4.973225	-10.5559	5.10E-23	1.10E-21	41.46295
MUCL1	-1.49507	7.490525	-5.10083	5.35E-07	1.69E-06	5.290784
FHL1	-1.4919	5.726467	-13.6468	8.53E-35	8.09E-33	68.28836
HLF	-1.48038	4.819042	-18.2512	6.50E-54	9.43E-50	111.8976
IL33	-1.47993	4.800156	-11.2271	1.85E-25	5.27E-24	47.01463
FMO2	-1.47957	5.630778	-11.5275	1.42E-26	4.71E-25	49.55544
LIFR	-1.44512	5.369456	-13.7792	2.51E-35	2.52E-33	69.49765
ABCA9	-1.4399	4.397403	-14.2813	2.36E-37	3.53E-35	74.11978
MFAP4	-1.43867	6.38822	-11.6841	3.67E-27	1.32E-25	50.89258

DCLK1	-1.42498	5.131676	-13.1937	5.41E-33	3.91E-31	64.17941
SVEP1	-1.42242	5.225613	-12.2883	1.84E-29	8.49E-28	56.12898
ABCA10	-1.41171	3.707304	-16.4656	2.23E-46	2.31E-43	94.70902
ADH1A	-1.40826	4.807631	-11.5543	1.13E-26	3.83E-25	49.78376
TGFBR3	-1.4072	5.664872	-14.9347	5.07E-40	1.23E-37	80.20541
KLHL13	-1.40671	3.961115	-11.9628	3.24E-28	1.30E-26	53.29296
DNALI1	-1.4022	5.187371	-11.8092	1.24E-27	4.72E-26	51.96674
SFRP1	-1.39751	7.149416	-10.5236	6.66E-23	1.41E-21	41.20006
JAM2	-1.39054	5.91771	-14.9605	3.98E-40	1.01E-37	80.447
TMTC1	-1.38789	5.335136	-12.8136	1.69E-31	9.97E-30	60.77187
CAV1	-1.38099	6.243739	-13.443	5.55E-34	4.68E-32	66.43391
LAMA3	-1.37785	5.268055	-13.9817	3.85E-36	4.47E-34	71.35556
DST	-1.36764	6.625336	-15.4727	3.06E-42	1.17E-39	85.2675
CFD	-1.36237	6.785036	-10.6848	1.76E-23	4.02E-22	42.51525
EDNRB	-1.36148	5.183243	-12.3986	6.93E-30	3.35E-28	57.0972
DPT	-1.35992	6.760263	-10.431	1.42E-22	2.88E-21	40.44973
LAMA2	-1.35854	5.726182	-11.8089	1.24E-27	4.72E-26	51.96437
ALDH1A1	-1.35296	5.609163	-10.3775	2.20E-22	4.36E-21	40.01838
IGF1	-1.34934	5.871363	-10.1842	1.06E-21	1.92E-20	38.46851
FREM1	-1.34674	3.909747	-13.2132	4.53E-33	3.35E-31	64.35488
SPRY2	-1.34247	5.214397	-17.8624	2.88E-52	2.09E-48	108.1399
CHRD1	-1.33048	5.884201	-9.75436	3.27E-20	4.82E-19	35.0824
GLYAT	-1.32512	3.564772	-9.80995	2.11E-20	3.19E-19	35.51543
EBF1	-1.32499	5.833765	-13.1136	1.12E-32	7.75E-31	63.45781
TAT	-1.31976	4.399894	-7.92895	2.48E-14	1.90E-13	21.75415
RBMS3	-1.3192	5.699583	-15.22	3.39E-41	1.12E-38	82.88446
NPY2R	-1.31729	4.188324	-12.0597	1.38E-28	5.82E-27	54.13404
CXCL14	-1.31378	7.114154	-8.48536	4.84E-16	4.44E-15	25.62178
DCDC2	-1.30457	3.170967	-10.5609	4.90E-23	1.06E-21	41.50343
ASPA	-1.29608	3.332285	-13.3475	1.33E-33	1.07E-31	65.56883
CXCL12	-1.2948	6.880676	-12.1853	4.58E-29	2.00E-27	55.22748
AMIGO2	-1.28697	4.765009	-12.9175	6.62E-32	4.11E-30	61.6995
DMD	-1.28642	4.955389	-14.1653	6.98E-37	9.13E-35	73.04708
LHFP	-1.2818	7.440451	-13.5212	2.71E-34	2.37E-32	67.14483
PLSCR4	-1.2801	5.946989	-14.4514	4.81E-38	7.59E-36	75.69636
NPY1R	-1.2769	4.764226	-7.26401	2.14E-12	1.31E-11	17.38172
EGR1	-1.27495	7.904108	-12.5171	2.41E-30	1.25E-28	58.1414
SCN4B	-1.27345	4.792115	-17.0866	5.46E-49	9.91E-46	100.6639
MAOB	-1.26833	5.744716	-10.1129	1.88E-21	3.26E-20	37.90121
CHL1	-1.26388	4.62076	-13.2524	3.17E-33	2.38E-31	64.70849
HOXA7	-1.26287	5.198047	-11.3874	4.72E-26	1.47E-24	48.36702
C2orf40	-1.2611	4.713926	-15.2211	3.36E-41	1.12E-38	82.89459
SYNM	-1.26052	6.72738	-10.7703	8.64E-24	2.05E-22	43.21711
COL14A1	-1.25668	5.962262	-9.35935	7.10E-19	9.04E-18	32.04827
PDGFD	-1.25599	5.4264	-13.7307	3.93E-35	3.83E-33	69.05436
RUNX1T1	-1.25487	5.186749	-14.2409	3.45E-37	4.91E-35	73.74567
SH3BGRL2	-1.25448	5.318828	-12.9585	4.57E-32	2.90E-30	62.06637
VIT	-1.24985	4.312361	-9.86956	1.32E-20	2.04E-19	35.98143
NOSTRIN	-1.24255	4.940001	-11.5096	1.65E-26	5.39E-25	49.40337
GPD1	-1.23873	5.226625	-11.2362	1.71E-25	4.93E-24	47.09132
ACACB	-1.23692	5.63462	-12.9173	6.63E-32	4.11E-30	61.69775
SEMA6D	-1.23252	4.390721	-13.2896	2.26E-33	1.73E-31	65.04531
SCARA5	-1.22425	5.170806	-16.2402	1.95E-45	1.42E-42	92.55627
LRP2	-1.22117	4.573209	-7.68764	1.29E-13	9.05E-13	20.13496
SH3D19	-1.21554	6.074751	-13.7905	2.26E-35	2.28E-33	69.60104
LIPE	-1.21541	6.113032	-10.7538	9.92E-24	2.33E-22	43.08091
EFEMP1	-1.21431	7.234447	-9.9219	8.68E-21	1.39E-19	36.39203
FGF2	-1.21138	5.693336	-13.9935	3.45E-36	4.14E-34	71.46373

SCGB2A1	-1.20307	5.189932	-6.11143	2.44E-09	1.03E-08	10.50774
FGF10	-1.20271	4.689057	-12.6448	7.70E-31	4.23E-29	59.27089
CLEC3B	-1.19773	5.467503	-12.081	1.15E-28	4.86E-27	54.31901
PLAT	-1.19545	6.263061	-11.0617	7.52E-25	1.99E-23	45.63013
RAI2	-1.19291	5.563453	-13.5885	1.46E-34	1.32E-32	67.75706
ITIH5	-1.19099	5.137733	-14.2599	2.89E-37	4.19E-35	73.92172
PGR	-1.18708	3.660572	-10.0522	3.06E-21	5.19E-20	37.41985
SAA1	-1.1868	6.346941	-8.30633	1.75E-15	1.51E-14	24.35747
CAPN6	-1.18427	5.285376	-7.17192	3.88E-12	2.29E-11	16.79866
EDN3	-1.17884	4.718047	-10.0408	3.36E-21	5.64E-20	37.3295
CPE	-1.17363	6.3178	-11.3693	5.51E-26	1.69E-24	48.21362
CTTNBP2	-1.17351	3.399152	-15.2886	1.77E-41	6.26E-39	83.53014
NEK10	-1.17306	3.569932	-9.4134	4.68E-19	6.12E-18	32.45884
ACTG2	-1.16725	6.118879	-7.34304	1.28E-12	8.02E-12	17.88651
NAV3	-1.16543	3.883425	-13.5434	2.21E-34	1.94E-32	67.34678
FOSB	-1.16532	6.011674	-12.179	4.84E-29	2.11E-27	55.17274
CITED1	-1.16516	3.870774	-12.4286	5.30E-30	2.65E-28	57.36127
ANG	-1.16503	5.07982	-14.2059	4.78E-37	6.49E-35	73.42184
HOXA5	-1.16322	4.763923	-15.2804	1.91E-41	6.61E-39	83.45336
KCNJ16	-1.1631	3.26947	-13.9231	6.63E-36	7.24E-34	70.81705
SEMA3C	-1.1628	6.086118	-10.1298	1.64E-21	2.90E-20	38.03507
RHOJ	-1.1626	5.564245	-13.7953	2.17E-35	2.20E-33	69.64552
AGR3	-1.1625	2.881566	-6.77237	4.82E-11	2.49E-10	14.33557
GPRASP1	-1.16229	4.266723	-15.832	9.86E-44	4.94E-41	88.67132
NOVA1	-1.15991	4.269694	-14.9522	4.30E-40	1.08E-37	80.36914
CIDEC	-1.15978	5.388045	-9.4959	2.47E-19	3.32E-18	33.08843
CXCL2	-1.15166	5.460008	-12.0054	2.23E-28	9.11E-27	53.66273
AASS	-1.14981	4.530582	-16.3085	1.01E-45	8.16E-43	93.20854
S100B	-1.14931	5.294534	-9.76551	3.00E-20	4.43E-19	35.16912
EGR3	-1.14902	5.343553	-11.567	1.01E-26	3.45E-25	49.89237
TESC	-1.14507	4.547208	-11.7394	2.27E-27	8.28E-26	51.36708
LDB2	-1.14397	4.977705	-15.7768	1.67E-43	7.84E-41	88.14744
ANGPTL7	-1.14084	3.713605	-13.0065	2.96E-32	1.97E-30	62.49682
HOXA4	-1.14079	4.163486	-14.901	6.98E-40	1.63E-37	79.88966
PALMD	-1.13771	6.411206	-9.97332	5.76E-21	9.39E-20	36.79661
GNG11	-1.13605	5.852749	-12.5937	1.22E-30	6.56E-29	58.81858
GFRA1	-1.13582	4.592423	-10.7044	1.49E-23	3.46E-22	42.67555
FAT4	-1.13204	4.834153	-12.2992	1.67E-29	7.78E-28	56.22445
PCDH18	-1.12989	6.239012	-9.92628	8.38E-21	1.34E-19	36.42643
SORBS1	-1.12976	5.898341	-11.5393	1.28E-26	4.30E-25	49.6557
SOCS2	-1.12317	4.680661	-13.5709	1.71E-34	1.54E-32	67.59711
FOS	-1.12008	6.130574	-10.1272	1.68E-21	2.94E-20	38.01479
MAB21L1	-1.11972	3.232055	-15.1751	5.20E-41	1.61E-38	82.46233
CLDN8	-1.11923	4.1486	-7.40341	8.60E-13	5.52E-12	18.27483
PCK1	-1.11697	3.510237	-9.75757	3.19E-20	4.71E-19	35.10733
IGJ	-1.11674	7.575234	-6.28851	8.80E-10	3.89E-09	11.50224
CRIM1	-1.11651	6.406694	-14.7312	3.47E-39	6.90E-37	78.30131
AOC3	-1.11491	5.885576	-10.2256	7.57E-22	1.40E-20	38.79879
G0S2	-1.11328	6.642628	-8.54705	3.10E-16	2.90E-15	26.06163
ERBB4	-1.10916	4.561282	-8.97769	1.29E-17	1.42E-16	29.1915
STC2	-1.10778	4.747731	-10.2916	4.43E-22	8.43E-21	39.32766
PDE2A	-1.10658	4.75219	-15.1449	6.93E-41	2.05E-38	82.17796
CMYA5	-1.10623	4.452364	-11.7926	1.43E-27	5.36E-26	51.82435
PDE8B	-1.10581	3.736766	-10.2291	7.36E-22	1.36E-20	38.82716
GHR	-1.10249	4.866078	-10.808	6.31E-24	1.52E-22	43.52692
NFIA	-1.10101	6.978488	-11.5129	1.61E-26	5.28E-25	49.43092
MYBPC1	-1.09897	4.555163	-6.02536	3.98E-09	1.63E-08	10.03275
TFPI	-1.09836	5.004068	-9.63425	8.40E-20	1.18E-18	34.15174

PPP1R1A	-1.09213	5.679069	-8.49269	4.59E-16	4.22E-15	25.67389
IL20RA	-1.08556	4.355578	-8.58025	2.43E-16	2.31E-15	26.29927
SLC19A3	-1.08115	4.490596	-8.78651	5.35E-17	5.43E-16	27.78947
PELI2	-1.07749	5.185267	-14.9664	3.76E-40	9.85E-38	80.50228
MEIS2	-1.07694	4.598547	-13.0274	2.45E-32	1.65E-30	62.68374
PPARG	-1.07656	4.795216	-10.2342	7.06E-22	1.31E-20	38.86806
NR2F1	-1.07578	5.362344	-9.49635	2.46E-19	3.31E-18	33.09189
HPSE2	-1.07429	4.080591	-12.8697	1.02E-31	6.19E-30	61.27264
FMOD	-1.07411	6.927931	-9.84068	1.65E-20	2.53E-19	35.7555
TFPI2	-1.07219	3.363018	-7.31759	1.51E-12	9.41E-12	17.7235
PLA2G16	-1.07087	6.35191	-10.0724	2.60E-21	4.44E-20	37.57991
GPAM	-1.07085	5.309756	-8.39598	9.22E-16	8.22E-15	24.98826
PI16	-1.06987	5.572844	-9.10933	4.78E-18	5.56E-17	30.1683
RSPO3	-1.06922	5.157856	-9.80269	2.23E-20	3.36E-19	35.45883
SPRY1	-1.06369	6.152331	-14.1714	6.59E-37	8.70E-35	73.10386
ANKRD29	-1.06347	4.507569	-13.9337	6.01E-36	6.66E-34	70.91462
CLSTN2	-1.06198	5.268721	-8.80015	4.84E-17	4.94E-16	27.88882
ADAMTS1	-1.0608	5.997543	-11.4215	3.52E-26	1.12E-24	48.65517
IRS1	-1.05861	4.947499	-12.581	1.36E-30	7.30E-29	58.70584
PDZK1	-1.05344	3.072331	-7.48173	5.13E-13	3.37E-12	18.78222
TF	-1.05171	4.378222	-10.0148	4.13E-21	6.85E-20	37.12403
AREG	-1.04787	4.943052	-6.38725	4.93E-10	2.25E-09	12.06675
SEPP1	-1.04733	7.246242	-8.3933	9.40E-16	8.36E-15	24.9693
CX3CR1	-1.04511	4.982646	-11.2155	2.04E-25	5.77E-24	46.91734
CYP4X1	-1.04296	5.425551	-6.77458	4.75E-11	2.46E-10	14.34888
EMCN	-1.03962	5.050502	-11.3584	6.05E-26	1.84E-24	48.1215
ACVR1C	-1.03948	4.678522	-9.36917	6.58E-19	8.44E-18	32.12273
TSPAN7	-1.03826	5.046132	-11.1387	3.92E-25	1.07E-23	46.27404
CES1	-1.037	5.186706	-7.77615	7.07E-14	5.13E-13	20.72465
HMGCS2	-1.03597	4.564498	-5.77254	1.62E-08	6.15E-08	8.669997
STEAP4	-1.03496	5.940425	-6.99598	1.19E-11	6.63E-11	15.70062
ESR1	-1.03476	4.596875	-11.5085	1.67E-26	5.44E-25	49.39349
FZD4	-1.03464	5.977365	-10.5406	5.79E-23	1.24E-21	41.33843
CYBRD1	-1.03076	7.625763	-12.6646	6.44E-31	3.56E-29	59.44715
GSTM2	-1.02905	5.162964	-10.3895	2.00E-22	3.99E-21	40.11484
NLGN1	-1.02518	2.567149	-13.644	8.75E-35	8.25E-33	68.26258
THSD4	-1.02485	4.992348	-9.55766	1.53E-19	2.10E-18	33.56195
ALB	-1.02402	1.858597	-7.49821	4.59E-13	3.04E-12	18.88952
TMEM132C	-1.0213	4.918294	-13.003	3.06E-32	2.03E-30	62.46476
MT1M	-1.02022	6.345973	-9.69307	5.30E-20	7.64E-19	34.60659
KRT15	-1.01856	6.082619	-6.69659	7.68E-11	3.87E-10	13.88084
C1orf115	-1.01721	5.092585	-13.319	1.72E-33	1.35E-31	65.31104
PPP1R14A	-1.01588	5.122061	-13.7444	3.47E-35	3.42E-33	69.17987
ZBTB16	-1.01035	5.601546	-12.7063	4.43E-31	2.52E-29	59.8174
ANO1	-1.01033	6.55602	-9.33193	8.76E-19	1.11E-17	31.84053
NDRG2	-1.00815	7.269637	-11.2469	1.56E-25	4.54E-24	47.18126
CRYAB	-1.00673	7.04938	-8.12136	6.49E-15	5.27E-14	23.07081
ABCA5	-1.00515	4.80702	-13.3435	1.38E-33	1.09E-31	65.53261
RELN	-1.005	3.723085	-10.0943	2.18E-21	3.75E-20	37.75301
FBLN5	-1.00396	6.572902	-10.385	2.07E-22	4.12E-21	40.07873
SCN7A	-1.00316	2.866845	-11.8027	1.31E-27	4.96E-26	51.91139
RECK	-1.00075	5.217611	-11.4994	1.80E-26	5.86E-25	49.31678
TCEAL7	-1.00043	4.279814	-14.543	2.04E-38	3.53E-36	76.54745
TRIP13	1.000513	4.250236	12.80987	1.75E-31	1.03E-29	60.73872
UBD	1.007123	5.951124	6.778045	4.65E-11	2.41E-10	14.3698
HIST1H3H	1.010315	4.110527	13.80048	2.06E-35	2.13E-33	69.69283
DIAPH3	1.015837	3.762829	11.58544	8.60E-27	2.97E-25	50.04934
HIST1H2BI	1.026304	5.561086	12.23178	3.04E-29	1.36E-27	55.63399

HIST1H2AI	1.029459	5.82923	11.30782	9.31E-26	2.78E-24	47.6944
HMGB3	1.032679	5.000199	13.14362	8.53E-33	6.04E-31	63.72827
MAD2L1	1.04028	3.932692	12.24119	2.80E-29	1.26E-27	55.71627
HIST1H2BF	1.042404	5.735806	12.72761	3.66E-31	2.09E-29	60.00652
CCNE1	1.045583	4.455803	11.59264	8.09E-27	2.79E-25	50.11071
MYBL2	1.049123	4.898653	13.71061	4.73E-35	4.55E-33	68.87089
HIST2H2A <sub>v</sub>	1.04921	6.894685	13.2287	3.93E-33	2.93E-31	64.495
KIF15	1.052601	3.341701	12.20805	3.75E-29	1.66E-27	55.4265
RTKN2	1.0551	3.392556	11.46431	2.44E-26	7.82E-25	49.01839
RACGAP1	1.058672	4.93911	14.9374	4.95E-40	1.22E-37	80.23022
BCL2A1	1.05945	4.412846	11.60031	7.57E-27	2.63E-25	50.17618
OIP5	1.059885	3.427446	13.20391	4.93E-33	3.59E-31	64.27138
GSDMC	1.069963	3.740406	8.791574	5.16E-17	5.25E-16	27.82635
RAD54L	1.078004	3.654555	13.28195	2.42E-33	1.85E-31	64.97583
APOC1	1.079899	5.292671	10.61028	3.26E-23	7.21E-22	41.90605
SHCBP1	1.080695	3.599916	13.35258	1.27E-33	1.02E-31	65.6146
IL4I1	1.082854	5.307318	14.18513	5.80E-37	7.73E-35	73.2302
TAP1	1.09112	6.382869	11.39241	4.52E-26	1.41E-24	48.40903
CDCA5	1.092686	4.216282	13.82277	1.68E-35	1.78E-33	69.89698
E2F8	1.094398	3.742303	12.89614	8.03E-32	4.92E-30	61.50867
ICOS	1.103701	3.613851	9.845552	1.59E-20	2.45E-19	35.79358
BRIP1	1.106641	3.609975	10.83982	4.84E-24	1.18E-22	43.78964
CXCL13	1.11076	4.930669	5.794225	1.44E-08	5.50E-08	8.784956
SULF1	1.112544	6.999508	11.08429	6.21E-25	1.66E-23	45.81893
KPNA2	1.115996	6.975606	14.49233	3.28E-38	5.53E-36	76.07652
TACC3	1.120735	4.558272	16.45334	2.50E-46	2.42E-43	94.59213
ZWINT	1.121851	4.999133	15.10926	9.71E-41	2.72E-38	81.84293
HN1	1.122082	5.35708	14.85357	1.09E-39	2.44E-37	79.44529
TK1	1.122946	5.256699	14.2728	2.56E-37	3.75E-35	74.04071
GJB2	1.124934	4.717212	11.17957	2.77E-25	7.69E-24	46.61607
MCM4	1.13295	5.350429	13.99028	3.56E-36	4.22E-34	71.43449
RAD51	1.134636	4.009135	14.8052	1.73E-39	3.63E-37	78.99298
KIF4A	1.135861	3.855823	14.50084	3.03E-38	5.17E-36	76.15557
FPR3	1.1398	5.838421	10.33302	3.17E-22	6.13E-21	39.66018
FOXO1	1.146001	4.563438	11.51065	1.64E-26	5.36E-25	49.41218
SLAMF8	1.154349	5.544557	12.36665	9.20E-30	4.41E-28	56.81611
CENPI	1.165841	3.663046	13.13537	9.19E-33	6.48E-31	63.65401
MMP9	1.166754	6.565522	10.48305	9.28E-23	1.93E-21	40.87141
TDO2	1.169018	3.299672	11.34626	6.71E-26	2.03E-24	48.01881
BLM	1.170805	3.867456	13.41842	6.95E-34	5.83E-32	66.21115
OLR1	1.170819	5.018375	10.46221	1.10E-22	2.26E-21	40.7026
LYZ	1.178284	7.783802	8.646	1.51E-16	1.46E-15	26.77176
PRAME	1.179595	3.15702	8.498979	4.39E-16	4.05E-15	25.71868
CKAP2L	1.18399	3.439359	13.51248	2.93E-34	2.53E-32	67.06522
MND1	1.189359	3.249499	11.79975	1.34E-27	5.08E-26	51.88572
CCL18	1.193439	5.852748	8.168805	4.65E-15	3.83E-14	23.39892
TYMS	1.195334	5.390541	12.12466	7.82E-29	3.34E-27	54.69897
AURKA	1.200825	4.597653	14.12132	1.05E-36	1.34E-34	72.64133
ECT2	1.208972	4.889418	12.98825	3.49E-32	2.26E-30	62.3329
PTTG1	1.220627	3.883662	13.93643	5.86E-36	6.65E-34	70.93958
CDCA8	1.221804	4.212713	13.46769	4.42E-34	3.75E-32	66.65828
GINS1	1.223209	4.249033	13.71136	4.70E-35	4.55E-33	68.87777
CENPA	1.230983	4.364974	14.11739	1.09E-36	1.38E-34	72.60507
LRP8	1.231388	4.790966	12.43896	4.84E-30	2.42E-28	57.45221
HIST1H2BC	1.231659	5.279728	12.41054	6.23E-30	3.06E-28	57.20197
RGS1	1.234852	6.141205	10.44111	1.31E-22	2.66E-21	40.53185
CHEK1	1.239737	4.007756	12.91496	6.77E-32	4.18E-30	61.67686
RAD51AP1	1.240034	3.797447	12.21423	3.55E-29	1.58E-27	55.48051

HJURP	1.242383	4.197074	15.79208	1.45E-43	7.00E-41	88.29224
KIF2C	1.242443	4.168026	14.96527	3.80E-40	9.85E-38	80.49146
PLA2G7	1.243102	6.024051	10.67465	1.91E-23	4.35E-22	42.43207
CCNB1	1.243766	4.586316	14.13151	9.56E-37	1.24E-34	72.73534
ARHGAP1	1.246819	4.235514	14.56664	1.63E-38	2.96E-36	76.76768
IDO1	1.248601	4.461366	9.015427	9.71E-18	1.09E-16	29.47058
MCM10	1.263519	4.106281	13.24515	3.38E-33	2.53E-31	64.64341
PLK1	1.263745	5.329815	14.90721	6.58E-40	1.57E-37	79.94745
SQLE	1.264517	5.974878	13.29471	2.15E-33	1.67E-31	65.09109
CDCA2	1.265257	3.347342	13.014	2.77E-32	1.85E-30	62.56371
RSAD2	1.270277	5.284383	9.415883	4.59E-19	6.02E-18	32.47776
SPC25	1.274064	2.770575	13.17183	6.60E-33	4.72E-31	63.98228
INHBA	1.276528	5.382821	12.7003	4.68E-31	2.64E-29	59.76376
SOX11	1.288374	4.363101	10.97895	1.51E-24	3.83E-23	44.94166
UHRF1	1.288828	4.899991	15.75481	2.07E-43	9.09E-41	87.93859
EXO1	1.291225	3.65432	14.00738	3.03E-36	3.70E-34	71.59173
CENPE	1.298849	3.693996	13.98862	3.61E-36	4.23E-34	71.41924
ATAD2	1.307981	5.01246	13.37091	1.07E-33	8.80E-32	65.78057
LAMP3	1.308664	5.153225	11.24569	1.58E-25	4.58E-24	47.17128
EZH2	1.324455	4.788381	14.99001	3.01E-40	8.08E-38	80.72343
CCNB2	1.326778	3.960267	14.08709	1.45E-36	1.79E-34	72.32569
UBE2C	1.328431	5.132016	14.56153	1.71E-38	3.07E-36	76.72009
IFI30	1.343716	8.232785	14.57114	1.56E-38	2.87E-36	76.80953
FAM83D	1.34523	4.271916	14.82046	1.49E-39	3.24E-37	79.1356
CDC6	1.34737	3.698198	13.56187	1.86E-34	1.66E-32	67.51452
S100P	1.352942	4.458871	10.72828	1.23E-23	2.86E-22	42.87166
BIRC5	1.354992	4.518958	14.23758	3.56E-37	5.01E-35	73.71493
KIAA0101	1.356327	4.143028	14.89691	7.26E-40	1.67E-37	79.85096
CCNE2	1.363426	3.809776	12.11317	8.65E-29	3.67E-27	54.59894
RRM2	1.38329	4.493684	16.12416	5.97E-45	3.84E-42	91.45011
CDKN3	1.39431	3.752466	14.40025	7.77E-38	1.20E-35	75.22151
HORMAD1	1.400061	3.232609	7.551092	3.23E-13	2.17E-12	19.23488
KIF18A	1.40266	3.362779	12.53711	2.02E-30	1.06E-28	58.31803
CTHRC1	1.406482	5.983672	15.13372	7.70E-41	2.24E-38	82.07279
PRC1	1.409517	5.236139	14.8061	1.71E-39	3.63E-37	79.00133
HMMR	1.416512	3.572384	13.11674	1.09E-32	7.56E-31	63.48642
KIF14	1.429033	3.180195	12.25812	2.41E-29	1.09E-27	55.86435
MMP11	1.433777	5.516713	13.58147	1.56E-34	1.40E-32	67.69296
CKS2	1.44181	5.854755	14.64525	7.79E-39	1.45E-36	77.49984
KIF23	1.442962	4.551556	13.79906	2.09E-35	2.14E-33	69.67986
DEPDC1	1.47681	3.340108	13.94073	5.63E-36	6.44E-34	70.97906
KIF20A	1.478048	4.189876	15.34542	1.03E-41	3.74E-39	84.0662
DTL	1.481267	4.298305	14.46457	4.25E-38	6.86E-36	75.81856
CASC5	1.493637	3.459448	15.17797	5.06E-41	1.60E-38	82.48891
MMP12	1.494693	3.943681	9.368937	6.59E-19	8.44E-18	32.12098
MELK	1.501758	3.89354	14.2803	2.39E-37	3.53E-35	74.11008
HIST1H3B	1.514434	4.98766	16.11765	6.35E-45	3.84E-42	91.38811
LMNB1	1.538021	4.616413	14.84671	1.17E-39	2.56E-37	79.38117
FN1	1.545542	7.970443	14.54282	2.04E-38	3.53E-36	76.54602
NEK2	1.592649	3.570788	14.65187	7.32E-39	1.38E-36	77.56151
GBP5	1.597213	5.887383	11.54582	1.21E-26	4.10E-25	49.71153
NUSAP1	1.608926	4.954025	17.28063	8.30E-50	2.01E-46	102.5306
SPP1	1.611425	7.213822	11.00912	1.17E-24	3.03E-23	45.19246
NDC80	1.615839	3.832743	13.63416	9.58E-35	8.91E-33	68.17313
PBK	1.616661	3.163517	13.80775	1.93E-35	2.00E-33	69.7594
KIF11	1.633185	4.032998	16.15975	4.24E-45	2.93E-42	91.7893
UBE2T	1.634347	5.00998	14.72152	3.80E-39	7.45E-37	78.21128
CCNA2	1.635014	5.190262	15.50152	2.33E-42	9.12E-40	85.54016

DLGAP5	1.651286	4.098875	15.89498	5.39E-44	2.80E-41	89.26937
MMP13	1.662054	4.302951	9.654122	7.19E-20	1.02E-18	34.30523
TTK	1.669781	3.481104	14.21074	4.57E-37	6.28E-35	73.46679
BUB1	1.720497	3.974503	16.28083	1.32E-45	1.01E-42	92.9442
MKI67	1.722244	4.484166	16.08723	8.51E-45	4.94E-42	91.09836
COL10A1	1.740948	5.197227	13.20773	4.76E-33	3.49E-31	64.30589
NCAPG	1.76865	4.205192	15.74793	2.21E-43	9.42E-41	87.8734
NUF2	1.791446	3.875544	13.88379	9.55E-36	1.03E-33	70.45633
COL11A1	1.794632	5.115757	12.34017	1.16E-29	5.54E-28	56.58359
CXCL11	1.862007	4.482538	11.98591	2.64E-28	1.08E-26	53.49343
CEP55	1.89365	4.2854	16.38978	4.62E-46	4.19E-43	93.98462
CXCL10	1.920629	6.016696	12.67361	5.95E-31	3.33E-29	59.52682
TPX2	1.991879	5.005801	17.68948	1.55E-51	4.81E-48	106.4709
CXCL9	2.010091	6.855436	11.95737	3.40E-28	1.36E-26	53.24619
ASPM	2.04795	3.759874	15.75899	1.99E-43	9.01E-41	87.97825
ADAMDEC	2.048425	4.959424	14.75628	2.74E-39	5.60E-37	78.53582
CENPF	2.048844	4.828285	15.16829	5.55E-41	1.68E-38	82.3979
TOP2A	2.097076	4.912106	16.11957	6.24E-45	3.84E-42	91.40639
ANLN	2.138024	4.508902	17.79243	5.70E-52	2.76E-48	107.4645
MMP1	2.32612	4.254129	12.47882	3.39E-30	1.71E-28	57.8035