

name	label	Degree	AverageShor	Betweenness	ClosenessCe	ClusteringC
GATA2	TF	253	2.19183286	0.08206409	0.45623917	0.00166259
ETS1	TF	241	2.17853751	0.08846049	0.45902354	0.00172891
AR	TF	227	2.19468186	0.07873012	0.45564691	0.00191026
YBX1	TF	202	2.29819563	0.06814769	0.43512397	7.88E-04
GATA1	TF	168	2.42640076	0.03048164	0.41213307	0.00185344
SP1	TF	154	2.31244065	0.03696483	0.43244353	0.00364994
FOS	up_TF	139	2.02564103	0.06911747	0.49367089	0.0603691
ARNT	TF	128	2.41785375	0.01853751	0.41358995	0.0023376
MIA3	TF	127	2.48433048	0.01727215	0.40252294	3.75E-04
ESR1	TF	124	2.45868946	0.02124516	0.40672074	0.00196696
CREB1	TF	113	2.43969611	0.01654566	0.40988712	0.00663717
FOXP3	TF	113	2.60303894	0.02135218	0.38416636	6.32E-04
AHR	TF	109	2.5042735	0.01200789	0.39931741	0.0030581
MYC	TF	108	2.57169991	0.01873062	0.38884786	6.92E-04
PAX5	TF	105	2.62393162	0.01136109	0.38110749	1.83E-04
E2F4	TF	104	2.51851852	0.02436941	0.39705882	0.0028006
Pax-5	TF	102	2.68376068	0.00922726	0.37261146	0
E2F1	TF	99	2.47768281	0.01508483	0.40360291	0.00267986
DAND5	TF	98	2.62298196	0.00730547	0.38124547	0.00252472
PSG1	TF	97	2.64577398	0.00639536	0.37796123	0.00257732
JUN	TF	91	2.50997151	0.014222	0.3984109	0.01636142
CCND1	down	91	2.19563153	0.05778441	0.45544983	0.01514042
STAT1	TF	89	2.51377018	0.01211194	0.39780884	0.00663943
GATA3	TF	87	2.59354226	0.00975727	0.38557305	0.00267308
TP53	TF	87	2.60018993	0.01592375	0.38458729	0.00106923
deltaCRE	TF	85	2.71794872	0.00568079	0.36792453	0
TCF3	TF	82	2.6305793	0.0092656	0.3801444	0.00240891
PRDM14	TF	73	2.65811966	0.00665372	0.37620579	0.00304414
PLAU	up_TF	73	2.18993352	0.02977299	0.45663487	0.0825723
TBP	TF	72	2.5954416	0.01612106	0.38529089	0.00391236
E2F	TF	71	2.62013295	0.00469756	0.38166002	0.00362173
ZEB1	TF	70	2.71984805	0.00717311	0.3676676	0
MZF1	TF	69	2.76163343	0.00405396	0.36210454	0
ZSCAN1	TF	69	2.76163343	0.00405396	0.36210454	0
TFAP2C	TF	69	2.73694207	0.00632187	0.36537127	0.00170503
SREBF1	TF	69	2.63532764	0.01149633	0.37945946	0.0029838
STAT3	TF	68	2.60588794	0.00722975	0.38374636	0.00614574
EGR1	TF	67	2.64767331	0.00631797	0.3776901	0.00316599
RORA	down_TF	67	2.2640076	0.01069906	0.44169463	0.01763908
IGF2	down	67	2.41785375	0.01628474	0.41358995	4.52E-04
MXI1	down	65	2.37606838	0.00831971	0.42086331	0
FOXA1	TF	64	2.66761633	0.00476983	0.3748665	0.00297619
CEBPA	TF	62	2.70750237	0.00589877	0.36934409	0.00158646
BCL6	up_TF	61	2.27445394	0.01526595	0.43966597	0.02896175
USF1	TF	60	2.72174739	0.00650882	0.36741103	5.65E-04
SGK1	up	60	2.39506173	0.01044584	0.41752577	0

MYB	TF	59	2.75878443	0.00499212	0.36247849	0
TFAP4	TF	59	2.77018044	0.00431139	0.36098732	5.84E-04
PATZ1	TF	58	2.79677113	0.00284376	0.35755518	0
NFKB1	TF	58	2.63722697	0.01020184	0.37918617	0.00241984
PIM1	down	58	2.39411206	0.00779934	0.41769139	0
AP-2gamma	TF	57	2.82621083	0.00297407	0.35383065	0
POU2F1	TF	57	2.59639126	0.00534037	0.38514996	0.01441103
SERPINE1	up	57	2.42640076	0.02501075	0.41213307	0
Max1	TF	56	2.87179487	0.00242649	0.34821429	0
NF1	TF	55	2.69895537	0.00287702	0.37051372	0.0026936
TSC22D3	down_TF	54	2.25641026	0.00979381	0.44318182	0.0349406
NF-1	TF	53	2.81671415	0.00226959	0.3550236	0
RELA	TF	52	2.6334283	0.0097957	0.37973314	0.00377074
PPAR-gamma	TF	51	2.72554606	0.00519192	0.36689895	0
PPAR-gamma	TF	51	2.72554606	0.00519192	0.36689895	0
Egr-1	TF	51	2.88034188	0.00194528	0.34718101	0
C/EBPalpha	TF	50	2.78822412	0.00299472	0.35865123	8.16E-04
EP300	TF	50	2.75973409	0.00371469	0.36235375	0
AP-2alpha	TF	50	2.86039886	0.00211954	0.34960159	0
LTBP1	up	49	2.45014245	0.00592612	0.40813953	0
JUND	TF	48	2.7008547	0.0021429	0.37025316	0.0070922
YY1	TF	48	2.7008547	0.00539555	0.37025316	0.00620567
EGR3	TF	48	2.8622982	0.0021602	0.34936961	0
STAT5A	TF	48	2.64482431	0.00407146	0.37809695	0.00443262
USP2	down	48	2.31433998	0.00432035	0.43208863	0.0248227
MYOD1	TF	47	2.71889839	0.00334804	0.36779602	0.00740056
ATF-2	TF	47	2.80246914	0.00243119	0.35682819	9.25E-04
HBP1	down_TF	47	2.27920228	0.00728377	0.43875	0.02035153
FHL1	down	47	2.4311491	0.00819585	0.41132813	0.01110083
LTBP4	down	47	2.42545109	0.00339649	0.41229444	0
PER1	down	47	2.39506173	0.0081729	0.41752577	0.00740056
JUNB	TF	45	2.75498575	0.0013121	0.36297828	0.00606061
CUX1	TF	45	2.79677113	0.00585659	0.35755518	0.0010101
Elk-1	TF	45	2.75118708	0.00289534	0.36347946	0.0040404
NF-Y	TF	45	2.88414055	0.00217187	0.34672374	0
NF-kappaB	TF	45	2.86134853	0.00404144	0.34948556	0
HIF1A	TF	45	2.70845204	0.008728	0.36921459	0.0030303
SREBP-1a	TF	45	2.71509972	0.00223113	0.3683106	0.0040404
SREBP-1b	TF	45	2.71509972	0.00223113	0.3683106	0.0040404
CTIF	down	45	2.38176638	0.00540159	0.41985646	0.00707071
STAT2	TF	44	2.7359924	0.00253823	0.36549809	0.00528541
EGR2	TF	44	2.89553656	0.00158354	0.34535913	0
MAX	TF	44	2.84710351	0.00155802	0.35123416	0
GADD45G	down	44	2.4662868	0.00495553	0.40546785	0
TXNIP	down	44	2.43779677	0.01083646	0.41020647	0
FOSB	TF	43	2.81766382	0.00101475	0.35490394	0.00110742
STAT1beta	TF	43	2.72554606	0.00165736	0.36689895	0.00775194

STAT1a1phTF		43	2.72554606	0.00165736	0.36689895	0.00775194
PRDM1	down_TF	43	2.30959164	0.00575644	0.43297697	0.03654485
MYCN	TF	42	2.85565052	0.00197182	0.35018291	0
Egr-2	TF	42	2.90503324	0.00118454	0.34423014	0
SASH1	down	42	2.34188034	0.00311878	0.4270073	0.03368177
TIPARP	down	42	2.42640076	0.00382513	0.41213307	0
TUBB3	up	42	2.41595442	0.00657514	0.41391509	0.02439024
CEBPB	TF	41	2.68471035	0.00381562	0.37247966	0.00853659
CCL2	up	41	2.44824311	0.02051425	0.40845617	0.01829268
SRF	TF	40	2.65052232	0.00298766	0.37728413	0.01538462
DDAH1	down	40	2.42924976	0.00305834	0.41164973	0.01410256
F3	down	40	2.37511871	0.00360576	0.42103159	0.01794872
MAFF	down	40	2.44729345	0.00524381	0.40861467	0.01282051
TIMP1	up	40	2.39411206	0.00785132	0.41769139	0.01666667
WNT4	down	40	2.47293447	0.00502942	0.40437788	0
SPZ1	TF	39	2.87654321	0.00202608	0.34763948	0
COL4A2	up	39	2.45014245	0.00319503	0.40813953	0
ITGA3	up	39	2.48528015	0.00292664	0.40236912	0
SFRP2	down	39	2.45868946	0.00481636	0.40672074	0
BACH1	TF	38	2.75118708	0.00144226	0.36347946	0.01991465
RFX1	TF	38	2.93637227	0.00173071	0.34055627	0
AGFG2	down	38	2.38271605	0.00315132	0.41968912	0.01422475
STAT6	TF	38	2.75308642	0.00260538	0.3632287	0.0056899
FLNC	up	38	2.39411206	0.00232601	0.41769139	0.02987198
LOC285074	down	38	2.46818613	0.00348274	0.40515583	0
MXD1	down_TF	38	2.33998101	0.0039884	0.4273539	0.0455192
MEF-2A	TF	37	2.82811016	0.00245618	0.35359302	0.0015015
LMO2	TF	37	2.88509022	0.00135388	0.34660961	0
DUSP4	down	37	2.49097816	0.00243613	0.40144872	0
FBXO32	down	37	2.46723647	0.00440078	0.40531178	0
MACROD1	down	37	2.48717949	0.00276105	0.40206186	0
Pax-2	TF	36	2.86134853	0.00139194	0.34948556	0
BRIP1	TF	36	2.75593542	0.00123779	0.3628532	0.02222222
MRPL36	TF	36	2.75593542	0.00123779	0.3628532	0.02222222
NR3C1	TF	36	2.81006648	0.00422328	0.35586347	0.0015873
SRM	up	36	2.4634378	0.00384493	0.40593678	0
DBP	down_TF	35	2.37132004	0.00413519	0.42170605	0.01344538
NRSF	TF	35	2.87749288	0.00144355	0.34752475	0
CAMK1D	down	35	2.47958215	0.00346836	0.40329376	0
DUSP1	down	35	2.41500475	0.00382502	0.41407786	0.01176471
DUSP5	down	35	2.40265907	0.0025483	0.41620553	0.01512605
PTK7	TF	34	2.74453941	0.00146316	0.36435986	0.01069519
KRT14	up	34	2.54510921	0.00412264	0.39291045	0
MARCKSL1	up	34	2.56695157	0.00171787	0.38956715	0
PLEKHG6	down	34	2.38841406	0.00336993	0.41868787	0.01247772
RMND5A	down	34	2.60018993	0.00215384	0.38458729	0
SYNGR1	down	34	2.49382716	0.00277955	0.4009901	0

YPEL3	down	34	2.60208927	0.00183271	0.38430657	0
PPARA	TF	33	2.79867047	0.00429616	0.35731252	0
PELP1	TF	33	2.84330484	0.00144009	0.35170341	0
HMX3	TF	33	2.84330484	0.00144009	0.35170341	0
EPAS1	TF	33	2.69610636	0.00385823	0.37090525	0.01704545
GATA-2	TF	33	2.92782526	7.65E-04	0.34155044	0
TFAP2A	TF	33	2.85944919	0.00212519	0.3497177	0
LUN-1	TF	33	2.8974359	0.00130316	0.34513274	0
BCAR1	up	33	2.41880342	0.00343134	0.41342756	0.02272727
CBX7	down	33	2.65716999	0.00185401	0.37634024	0
CCNA2	up	33	2.42355176	0.01315511	0.41261755	0.01704545
CNTFR	down	33	2.668566	0.00517968	0.3747331	0
CRYAB	down	33	2.4691358	0.00421795	0.405	0.01704545
RPS6KA4	up	33	2.50997151	0.00181047	0.3984109	0
SLC6A14	up	33	2.82621083	0.00206701	0.35383065	0
TIMP2	down	33	2.52611586	0.00349251	0.39586466	0
TSC22D2	down	33	2.48622982	0.00190338	0.40221543	0
UHRF1	up	33	2.62488129	0.00197986	0.38096961	0
GCGR	TF	32	2.90883191	0.00104539	0.34378061	0.00201613
GR-alpha	TF	32	2.90883191	0.00104539	0.34378061	0.00201613
NFYA	TF	32	2.91073124	0.00129785	0.34355628	0
LFNG	down	32	2.6305793	0.00173172	0.3801444	0
MUC1	up	32	2.51661918	0.00916007	0.39735849	0
SLC16A1	up	32	2.50332384	0.0026376	0.39946889	0
HOXA5	TF	31	2.87559354	0.00101325	0.34775429	0
RREB1	TF	31	2.81766382	0.00149959	0.35490394	0
ACTN1	up	31	2.45773979	0.0014517	0.4068779	0.01505376
NFYB	TF	31	2.94871795	0.00106687	0.33913043	0
C/EBPbeta	TF	31	2.91358025	0.00155968	0.34322034	0
ZNF423	TF	31	2.91452991	0.00321901	0.3431085	0
BACH2	TF	31	2.78632479	0.0011185	0.35889571	0.02365591
CCNB1	up	31	2.49952517	0.00380111	0.40007599	0.01290323
PHC1	down	31	2.56125356	0.00139091	0.39043382	0
SLC6A9	down	31	2.39696106	0.00290492	0.41719493	0.01505376
WDR26	down	31	2.44919278	0.00219608	0.40829779	0.00860215
HNF-4a	TF	30	2.91263058	0.00114598	0.34333225	0
C1orf204	down	30	2.54131054	0.00148931	0.39349776	0.0091954
GADD45B	down	30	2.62298196	0.00381721	0.38124547	0
HAS3	up	30	2.64197531	0.00162166	0.37850467	0
KRT17	up	30	2.63912631	0.00144687	0.37891328	0
NDRG4	down	30	2.44349478	0.00152329	0.4092499	0.01609195
ORAI3	down	30	2.51946819	0.00146247	0.39690916	0
PTN	down	30	2.49097816	0.00307408	0.40144872	0.0183908
SESN2	down	30	2.52136752	0.0026981	0.39661017	0
SLC16A2	down	30	2.55460589	0.00162736	0.39144981	0
SPINT1	down	30	2.47578348	0.00119658	0.40391254	0.02298851
USH1G	down	30	2.50332384	0.00161342	0.39946889	0.03218391

CP1A	TF	29	2.95631529	8.49E-04	0.33825891	0
CBFB	TF	29	2.95631529	8.49E-04	0.33825891	0
MECOM	TF	29	2.80531814	0.00101311	0.35646581	0.01970443
IGFBP3	down	29	2.57644824	0.01100687	0.38813122	0
KIFC3	down	29	2.62108262	0.00192522	0.38152174	0
LRRC20	down	29	2.59259259	0.00212136	0.38571429	0
PDLIM2	down	29	2.44349478	0.00162911	0.4092499	0.02463054
PPP1R1B	down	29	2.57834758	0.00141904	0.3878453	0
TP53INP2	down	29	2.56980057	0.00180144	0.38913525	0
C11orf96	down	28	2.61158594	0.0013666	0.38290909	0
ATF6	TF	28	2.9382716	7.99E-04	0.34033613	0
ELF3	down_TF	28	2.48812915	0.00233302	0.4019084	0.01851852
S100A2	up	28	2.45489079	0.00374365	0.4073501	0.02645503
SH3GL3	down	28	2.78442545	0.0011748	0.35914052	0
THBS1	up	28	2.47103514	0.00590328	0.4046887	0
NFE2L1	TF	27	2.77018044	0.00197551	0.36098732	0.01994302
FOSL1	TF	27	2.85849953	4.37E-04	0.34983389	0.00854701
ADAM23	up	27	2.54985755	0.00137862	0.39217877	0
ADM	down	27	2.5014245	0.00377365	0.39977221	0
XBP1	TF	27	2.78727445	0.00114231	0.35877342	0.002849
STAT5B	TF	27	2.73789174	0.00103819	0.36524454	0.01424501
BIRC5	up	27	2.66761633	0.00558237	0.3748665	0
CADM3	down	27	2.58024691	0.0012061	0.38755981	0
CRLF1	down	27	2.68755935	0.00155665	0.37208481	0
CRTAC1	down	27	2.51946819	0.00154428	0.39690916	0
CSRNP1	down	27	2.4311491	0.00107848	0.41132813	0.03703704
KRT8	down	27	2.48907882	0.00130152	0.40175506	0.02564103
MDFI	up	27	2.66096866	9.32E-04	0.375803	0
NCOA7	up	27	2.46818613	0.00234719	0.40515583	0
NOV	down	27	2.51377018	0.00518597	0.39780884	0.01424501
OLFM2	down	27	2.61538462	8.57E-04	0.38235294	0
POLR3G	up	27	2.82431149	9.84E-04	0.35406859	0
VASN	down	27	2.64102564	8.72E-04	0.37864078	0.03418803
FOXO4	TF	26	2.87179487	8.62E-04	0.34821429	0.00307692
RNASEH2A	TF	26	2.93352327	3.17E-04	0.34088702	0
FOXO1	TF	26	2.83190883	9.10E-04	0.35311871	0.00307692
CLDN4	down	26	2.44634378	9.60E-04	0.40877329	0.03384615
FZD7	down	26	2.50902184	0.00124301	0.3985617	0
IER3	down	26	2.4339981	0.00215517	0.41084666	0.02153846
SAMD5	down	26	2.48148148	0.00138372	0.40298507	0.02153846
SUSD4	down	26	2.52421652	9.34E-04	0.39616253	0
TXNDC5	up	26	2.51471985	0.00123088	0.39765861	0.00923077
WNT5A	down	26	2.65716999	0.0035932	0.37634024	0
FOXC1	TF	25	2.92307692	9.25E-04	0.34210526	0
NFYC	TF	25	3.00379867	6.12E-04	0.33291179	0
XBP1P1	TF	25	2.81196581	6.51E-04	0.3556231	0
SP3	TF	25	2.83855651	0.00156505	0.35229174	0

AMOTL2	down	25	2.52991453	0.00192857	0.39527027	0
Tal-1betaTF		25	2.97340931	6.78E-04	0.33631428	0
MYBL2	up_TF	25	2.37796771	0.00467136	0.42052716	0.06333333
CTGF	down	25	2.54700855	0.00657183	0.39261745	0
FABP3	down	25	2.51946819	0.00127881	0.39690916	0
MSN	up	25	2.52611586	0.00132908	0.39586466	0
SOCS3	up	25	2.57264957	9.48E-04	0.38870432	0
SPNS2	down	25	2.62298196	7.66E-04	0.38124547	0
YOD1	down	25	2.40075973	0.00174934	0.41653481	0.02333333
ADA	up	24	2.53941121	0.01062957	0.39379207	0
USF2	TF	24	2.92497626	0.00123205	0.34188312	0
CP1C	TF	24	3.00569801	5.73E-04	0.33270142	0
ALOX12	down	24	2.55745489	9.84E-04	0.39101374	0
SRY	TF	24	2.89648623	5.64E-04	0.3452459	0.00362319
STAT4	TF	24	2.80911681	5.43E-04	0.35598377	0.01449275
DIO2	up	24	2.65337132	0.00384053	0.37687903	0
HIF0	down	24	2.5660019	0.00125884	0.38971132	0
HPGD	down	24	2.60303894	0.0037504	0.38416636	0
IL1RN	down	24	2.64672365	0.00152015	0.37782562	0
KIF2C	up	24	2.55365622	0.00143728	0.39159539	0
NDUFA4L2	down	24	2.66381766	9.50E-04	0.37540107	0
PLAT	up	24	2.55650522	0.00354986	0.39115899	0
RND3	down	24	2.66666667	0.00318146	0.375	0
ST3GAL4	down	24	2.52136752	0.00124317	0.39661017	0
UBE2S	up	24	2.57264957	8.34E-04	0.38870432	0
MIF-1	TF	23	2.99620133	5.05E-04	0.33375594	0
TAL1	TF	23	3.01899335	4.93E-04	0.33123624	0
PAX3	TF	23	3.00379867	5.05E-04	0.33291179	0
LINC00152	up	23	2.54226021	8.06E-04	0.39335077	0.04743083
LTB4R	up	23	2.668566	8.11E-04	0.3747331	0
MYL1	down	23	2.70940171	0.00127195	0.36908517	0
NAV1	up	23	2.55175689	0.00182986	0.39188686	0
PPOX	down	23	2.64672365	0.00127025	0.37782562	0
PTHLH	up	23	2.54985755	0.00507771	0.39217877	0
TNNI2	down	23	2.61158594	0.00117441	0.38290909	0
FOXO3	TF	22	2.80246914	0.00117681	0.35682819	0.02164502
XBP-1	TF	22	3.00379867	3.60E-04	0.33291179	0
Meis-1	TF	22	2.997151	6.91E-04	0.33365019	0
TP73	TF	22	2.99620133	0.00105122	0.33375594	0
ARP-1	TF	22	2.83095916	9.24E-04	0.35323717	0.01731602
BNIP3L	down	22	2.57454891	0.00110411	0.38841756	0
CLDN23	down	22	2.62203229	6.85E-04	0.38138356	0
E2F2	TF	22	2.81196581	4.48E-04	0.3556231	0.00865801
EMP1	down	22	2.51377018	0.00111141	0.39780884	0.01731602
KPNA2	up	22	2.50807217	0.00146569	0.39871261	0
LONRF1	down	22	2.58594492	9.59E-04	0.38670584	0
LSP1	down	22	2.5688509	0.00129877	0.38927911	0

NRGN	up	22	2.7037037	8.06E-04	0.36986301	0
ODC1	up	22	2.48053181	0.00918836	0.40313936	0.03030303
PADI3	down	22	2.77777778	0.00120281	0.36	0
PDIA4	up	22	2.60778727	0.00104885	0.38346686	0
PLK3	down	22	2.57549858	0.00118124	0.38827434	0
ABLIM3	down	21	2.68850902	7.05E-04	0.37195337	0
AML1a	TF	21	2.9648623	7.41E-04	0.33728379	0
ABTB2	down	21	2.52136752	0.00146304	0.39661017	0
COUP-TF1	TF	21	2.97910731	4.61E-04	0.33567102	0
ER-alpha	TF	21	3.05982906	2.88E-04	0.32681564	0
REL	TF	21	2.99240266	7.54E-04	0.33417963	0
TLX2	TF	21	2.95061728	9.10E-04	0.33891213	0
BOC	down	21	2.68945869	7.26E-04	0.37182203	0
CHI3L1	up	21	2.65432099	0.00317336	0.37674419	0
CNST	down	21	2.55650522	0.00123611	0.39115899	0
DCN	down	21	2.57359924	0.00272281	0.38856089	0
ECM1	down	21	2.56220323	0.0012948	0.3902891	0
ETNK2	down	21	2.84330484	7.29E-04	0.35170341	0
HMMR	up	21	2.64197531	8.82E-04	0.37850467	0
ID4	down	21	2.63247863	8.63E-04	0.37987013	0
LAMC2	up	21	2.58214625	0.00160261	0.38727473	0
PADI1	down	21	2.50712251	0.00204854	0.39886364	0
SCNN1B	down	21	2.68566002	6.71E-04	0.37234795	0
SLIT3	down	21	2.55745489	0.00142785	0.39101374	0
TIMP3	down	21	2.47673314	0.00324261	0.40375767	0.01904762
TOM1	down	21	2.46153846	0.0012603	0.40625	0.04761905
TPPP3	down	21	2.56695157	5.96E-04	0.38956715	0.03333333
UBL3	down	21	2.58309592	8.64E-04	0.38713235	0
ABI3BP	down	20	2.49192783	7.44E-04	0.40129573	0.03157895
POU3F2	TF	20	2.93162393	5.69E-04	0.34110787	0.00526316
GATA-3	TF	20	3.03133903	2.40E-04	0.32988722	0
GR-beta	TF	20	3.00474834	4.60E-04	0.33280657	0
FOXF2	TF	20	2.93162393	4.45E-04	0.34110787	0
ZBTB6	TF	20	3.01139601	0.00102987	0.3320719	0
CTNNB1	TF	20	2.93637227	0.00193823	0.34055627	0.00526316
TFCP2	TF	20	2.95821462	0.00104438	0.33804173	0.00526316
ATP1A1	up	20	2.52041785	0.00115502	0.39675961	0
CALB2	down	20	2.68376068	5.72E-04	0.37261146	0
FOXJ2	TF	20	2.87939221	6.24E-04	0.34729551	0.00526316
E2F-3a	TF	20	2.81956315	3.81E-04	0.35466487	0.01052632
E2F5	TF	20	2.81956315	3.81E-04	0.35466487	0.01052632
FGL2	down	20	2.59924027	7.03E-04	0.3847278	0.02105263
FLG	down	20	2.66001899	6.43E-04	0.37593717	0.04210526
H19	down	20	2.80721747	0.00484263	0.35622463	0
IGFBP6	down	20	2.64292498	0.00316471	0.37836867	0
KRT78	down	20	2.85470085	5.33E-04	0.3502994	0
LRRC59	up	20	2.50332384	7.16E-04	0.39946889	0.02105263

MAP1LC3A	down	20	2.58404558	6.26E-04	0.38699008	0.03157895
MB	down	20	2.55840456	0.00297085	0.3908686	0.02631579
MTHFD1L	up	20	2.54415954	0.00128981	0.39305711	0
NGEF	down	20	2.66381766	8.16E-04	0.37540107	0
SLC24A3	down	20	2.64102564	9.26E-04	0.37864078	0
SOD2	up	20	2.57454891	0.00371735	0.38841756	0
TNC	up	20	2.57739791	0.00306185	0.38798821	0
TRIP10	down	20	2.60208927	0.00106053	0.38430657	0
ZNRF1	down	20	2.67236467	6.62E-04	0.37420043	0
HAND1	TF	19	3.0322887	3.41E-04	0.3297839	0
IRF-7A	TF	19	3.02469136	4.36E-04	0.33061224	0
TCF4	TF	19	2.90218424	7.50E-04	0.34456806	0
ARHGAP30	down	19	2.65242165	7.98E-04	0.37701396	0
BARX1	down	19	2.66096866	6.09E-04	0.375803	0
COL4A1	up	19	2.58784425	0.00289234	0.38642202	0
DCT	down	19	2.63722697	0.00312423	0.37918617	0
EPHB6	down	19	2.60778727	7.76E-04	0.38346686	0
KIAA1147	down	19	2.671415	6.47E-04	0.37433345	0
KLK9	up	19	2.57454891	5.95E-04	0.38841756	0.04678363
KRT16	up	19	2.5688509	0.00108121	0.38927911	0.05263158
KRT2	down	19	2.68281102	9.76E-04	0.37274336	0
LRRN4CL	down	19	2.62108262	4.48E-04	0.38152174	0.02339181
MAD2L1	up	19	2.57264957	0.00198774	0.38870432	0
SELE	up	19	2.9354226	0.0067464	0.34066645	0
SH3BGRL2	down	19	2.75023742	6.07E-04	0.36360497	0
WNK4	down	19	2.70275404	6.23E-04	0.36999297	0
ZIC3	TF	18	3.07217474	3.80E-04	0.32550232	0
ADIPOQ	down	18	2.57834758	0.00523355	0.3878453	0
FOXI1	TF	18	2.97435897	0.00377275	0.3362069	0.00653595
ARHGAP27	down	18	2.61538462	9.59E-04	0.38235294	0
CHRDL1	down	18	2.88319088	4.58E-04	0.34683794	0
FCHO2	down	18	2.71509972	6.63E-04	0.3683106	0
IGFBP5	down	18	2.50617284	0.00466278	0.39901478	0.01960784
KIF20A	up	18	2.87179487	6.31E-04	0.34821429	0
LDHA	up	18	2.53751187	0.00247568	0.39408683	0.03267974
LOR	down	18	2.64862298	4.47E-04	0.37755468	0.07189542
MYBPH	up	18	2.79582146	4.67E-04	0.35767663	0
PPP1R3C	down	18	2.58499525	0.00109732	0.38684791	0
SYT8	down	18	2.51377018	7.15E-04	0.39780884	0.03921569
ADAMTS14	down	17	2.6011396	8.05E-04	0.38444688	0
ATP6V1C2	down	17	2.67616334	5.25E-04	0.37366927	0
BCAM	down	17	2.96676163	4.68E-04	0.33706786	0
CPA4	down	17	2.49192783	7.07E-04	0.40129573	0.03676471
EDN2	down	17	2.64102564	9.23E-04	0.37864078	0
FTH1	down	17	2.55745489	0.00163447	0.39101374	0
IL11RA	down	17	2.77682811	4.67E-04	0.36012312	0
KIF4A	up	17	2.76448243	5.95E-04	0.36173136	0

LPCAT1	up	17	2.60683761	8.19E-04	0.38360656	0
MYO1B	up	17	2.68660969	7.05E-04	0.37221633	0
NUCB2	down	17	2.61728395	7.46E-04	0.38207547	0
OSR1	down	17	2.72554606	4.06E-04	0.36689895	0
PDLIM4	down	17	2.5954416	7.20E-04	0.38529089	0
PKIB	down	17	2.59069326	6.68E-04	0.38599707	0
PLK1	up	17	2.6334283	0.00102791	0.37973314	0
PRR11	up	17	2.49667616	6.99E-04	0.40053252	0.05882353
PTGES	up	17	2.58024691	0.00253523	0.38755981	0
RAB31	up	17	2.59164292	5.76E-04	0.38585562	0
RNF223	down	17	3.002849	0.00106035	0.33301708	0
SIK1	down	17	2.52231719	4.66E-04	0.39646084	0.05147059
BPTF	TF	16	3.01899335	2.59E-04	0.33123624	0
AGTRAP	up	16	2.59924027	0.00150738	0.3847278	0
ALDH3A1	down	16	2.86894587	6.79E-04	0.34856008	0
ALOX5	down	16	2.64862298	0.00765648	0.37755468	0.025
NFIL3	TF	16	3.00379867	3.95E-04	0.33291179	0.00833333
ANKRD37	down	16	2.5954416	7.07E-04	0.38529089	0
ARHGAP10	down	16	2.60873694	4.54E-04	0.38332727	0
HNF1A	TF	16	3.04748338	3.70E-04	0.32813961	0
BPGM	down	16	2.62298196	7.49E-04	0.38124547	0
SOX9	TF	16	3.03323837	3.76E-04	0.32968065	0
FOXM1	up_TF	16	2.53276353	0.00144596	0.39482565	0.06666667
CDKN3	up	16	2.61348528	6.21E-04	0.38263081	0
CEP55	up	16	2.63817664	3.15E-04	0.37904968	0.025
RORalpha1	TF	16	3.07312441	5.89E-04	0.32540173	0
KRT10	down	16	2.64862298	0.00257779	0.37755468	0
LNX1	down	16	2.62773029	6.49E-04	0.38055656	0
MCAM	up	16	2.73694207	4.91E-04	0.36537127	0
MGLL	down	16	2.65242165	5.23E-04	0.37701396	0
SPTSSB	down	16	2.84235518	3.45E-04	0.35182092	0
SULF2	down	16	2.67426401	5.80E-04	0.37393466	0
TCP11L2	down	16	2.6334283	8.07E-04	0.37973314	0
ZC3H12A	up	16	2.67236467	9.91E-04	0.37420043	0
FOXD1	TF	15	3.01614435	3.04E-04	0.33154912	0
ZIC1	TF	15	3.04178538	2.07E-04	0.32875429	0
HOXA3	TF	15	3.04938272	2.45E-04	0.32793522	0
ALDH3B1	down	15	3.08357075	4.10E-04	0.32429935	0
IRF1	TF	15	3.11111111	2.85E-04	0.32142857	0
IRF2	TF	15	3.03323837	3.80E-04	0.32968065	0
HSF1	TF	15	2.93067426	3.48E-04	0.34121841	0.00952381
CHPT1	down	15	2.72079772	4.85E-04	0.36753927	0
FBX034	down	15	2.62773029	4.18E-04	0.38055656	0
FMNL2	up	15	2.62867996	4.52E-04	0.38041908	0
GATSL3	down	15	2.90693257	2.93E-04	0.34400523	0
GPRC5A	down	15	2.56125356	0.00341308	0.39043382	0.03809524
GSN	down	15	2.65432099	7.47E-04	0.37674419	0

MATN2	down	15	2.64482431	4.08E-04	0.37809695	0
MT2A	up	15	2.46058879	0.00238157	0.40640679	0.04761905
PHYHIP	down	15	2.51471985	6.27E-04	0.39765861	0.02857143
PTGDS	down	15	2.47863248	0.00299141	0.40344828	0.04761905
SCARNA17	down	15	2.83665717	4.54E-04	0.35252762	0
SLC31A2	down	15	2.57739791	6.91E-04	0.38798821	0
SORBS1	down	15	2.52516619	4.34E-04	0.39601354	0.03809524
SPSB3	down	15	2.81101614	5.33E-04	0.35574324	0.00952381
ADAMTS1	up	14	2.70940171	9.61E-04	0.36908517	0
NF-E2	TF	14	3.10446344	2.72E-04	0.32211686	0
NFE2	TF	14	3.10446344	2.72E-04	0.32211686	0
MAFK	TF	14	3.10446344	2.72E-04	0.32211686	0
AIF1L	down	14	2.81481481	2.67E-04	0.35526316	0
AURKA	up	14	3.1671415	0.00444843	0.31574213	0
CA3	down	14	2.67521368	4.39E-04	0.37380192	0
CCNF	up	14	2.86419753	3.65E-04	0.34913793	0
CEACAM1	up	14	2.98955366	0.00279826	0.33449809	0
CHMP4C	down	14	2.77967711	4.54E-04	0.35975401	0
POU2F2	TF	14	2.91832858	1.82E-04	0.34266189	0.02197802
CRAT	down	14	2.89458689	2.69E-04	0.34547244	0
DTX2	down	14	2.86039886	2.22E-04	0.34960159	0
FOXL1	TF	14	3.05698006	2.99E-04	0.32712022	0
GPSM1	down	14	2.82336182	3.24E-04	0.35418769	0
ITM2A	down	14	2.74738841	4.60E-04	0.36398203	0
KRT16P3	up	14	2.9620133	2.19E-04	0.33760821	0
KRT31	down	14	2.7682811	3.82E-04	0.36123499	0
KRT4	down	14	2.68186135	7.38E-04	0.37287535	0.02197802
LOC728392	down	14	3.04653371	3.02E-04	0.3282419	0
TEAD4	up_TF	14	2.61158594	7.54E-04	0.38290909	0.05494505
PDLIM3	down	14	2.58499525	2.23E-04	0.38684791	0.07692308
PELI1	down	14	2.55555556	4.42E-04	0.39130435	0.03296703
PLAC8	up	14	2.74453941	4.05E-04	0.36435986	0
RASGEF1B	down	14	2.59924027	3.62E-04	0.3847278	0
TNNT2	down	14	2.72269706	3.58E-04	0.36728287	0
ZIC2	TF	13	3.06077873	2.15E-04	0.32671424	0
ARHGEF26	down	13	2.7008547	4.60E-04	0.37025316	0
Pax-6	TF	13	2.87749288	1.56E-04	0.34752475	0.05128205
PAX6	TF	13	2.87749288	1.56E-04	0.34752475	0.05128205
CCNB2	up	13	2.84615385	2.91E-04	0.35135135	0
CDC20	up	13	2.60018993	7.78E-04	0.38458729	0
COL14A1	down	13	2.80531814	3.79E-04	0.35646581	0
POU2F2B	TF	13	2.99810066	1.11E-04	0.3335445	0
Oct-B1	TF	13	2.99810066	1.11E-04	0.3335445	0
oct-B3	TF	13	2.99810066	1.11E-04	0.3335445	0
oct-B2	TF	13	2.99810066	1.11E-04	0.3335445	0
POU2F2C	TF	13	2.99810066	1.11E-04	0.3335445	0
CRIP1	down	13	2.68091168	4.49E-04	0.37300744	0

ELOVL4	down	13	2.71509972	4.41E-04	0.3683106	0
ENO3	down	13	3.09781576	2.63E-04	0.32280809	0
KRT16P2	up	13	3.04368471	1.49E-04	0.32854914	0
MFAP4	down	13	2.85090218	3.86E-04	0.35076616	0
NPPC	down	13	2.75023742	5.40E-04	0.36360497	0
PAQR8	down	13	2.59069326	3.25E-04	0.38599707	0
POLB	up	13	2.65337132	4.24E-04	0.37687903	0
RNASEK	down	13	2.59164292	3.15E-04	0.38585562	0.01282051
SBNO2	up	13	2.65432099	4.93E-04	0.37674419	0
SLC22A3	up	13	2.65622032	0.0021942	0.37647479	0
TMPRSS4	up	13	2.69135802	3.15E-04	0.37155963	0
TNNT3	down	13	2.95061728	3.08E-04	0.33891213	0
TTK	up	13	2.86419753	3.13E-04	0.34913793	0
FOXO3B	TF	12	2.99145299	2.05E-04	0.33428571	0
DDIT3	TF	12	3.08072175	1.18E-04	0.32459926	0
RB1	TF	12	2.86609687	2.49E-04	0.34890656	0.03030303
ANKRD33B	down	12	2.86324786	1.75E-04	0.34925373	0
ARHGAP23	up	12	2.69895537	2.21E-04	0.37051372	0
NF-AT4	TF	12	3.02469136	1.26E-04	0.33061224	0
NF-AT2	TF	12	3.02469136	1.26E-04	0.33061224	0
NF-AT1	TF	12	3.02469136	1.26E-04	0.33061224	0
NF-AT3	TF	12	3.02469136	1.26E-04	0.33061224	0
ARPC1B	up	12	2.64577398	2.48E-04	0.37796123	0
ATF1	TF	12	2.90503324	2.86E-04	0.34423014	0.03030303
AVPI1	down	12	2.77777778	3.28E-04	0.36	0.01515152
C4orf3	down	12	2.69325736	4.09E-04	0.3712976	0
CDH3	up	12	2.64482431	4.57E-04	0.37809695	0
CKM	down	12	3.0617284	0.0022657	0.3266129	0
CSRP3	up	12	2.85565052	3.07E-04	0.35018291	0
DDX3Y	up	12	2.83665717	6.57E-05	0.35252762	0.07575758
ECT2	up	12	2.64102564	0.00242573	0.37864078	0
EREG	down	12	2.5365622	0.0025475	0.39423437	0.06060606
FBLN1	down	12	2.73504274	5.49E-04	0.365625	0
HOPX	down_TF	12	2.49287749	6.49E-04	0.40114286	0.10606061
GABARAPL1	down	12	2.79107312	3.54E-04	0.35828513	0
HSPA2	down	12	2.94776828	2.08E-04	0.33923969	0
KLK6	up	12	2.94871795	2.00E-04	0.33913043	0
KRT1	down	12	2.75593542	7.32E-04	0.3628532	0
NTN4	down	12	2.81481481	2.40E-04	0.35526316	0
OSMR	up	12	2.92592593	1.35E-04	0.34177215	0
PIF1	up	12	2.6951567	4.52E-04	0.37103594	0
RANBP9	down	12	2.63722697	2.96E-04	0.37918617	0
RHCG	down	12	2.73219373	2.45E-04	0.36600626	0
SECISBP2L	down	12	2.62298196	4.05E-04	0.38124547	0
SERPINB7	down	12	2.88034188	3.25E-04	0.34718101	0
TMPRSS11F	down	12	2.91263058	7.44E-04	0.34333225	0
TREX2	down	12	2.86324786	2.16E-04	0.34925373	0

TTC9	down	12	2.80151947	2.84E-04	0.35694915	0
TUSC3	up	12	2.72554606	2.32E-04	0.36689895	0
VWA1	up	12	3.14909782	6.85E-04	0.31755127	0
MEF2A	TF	11	3.14814815	1.32E-04	0.31764706	0
IKZF1	TF	11	3.17094017	2.41E-04	0.31536388	0
HOXA9	TF	11	3.10636277	1.62E-04	0.3219199	0
EN1	TF	11	3.01709402	1.46E-04	0.33144476	0
BEX4	down	11	2.76353276	1.60E-04	0.36185567	0
BLNK	down	11	2.92117759	3.76E-04	0.3423277	0
POU3F1	TF	11	3.12440646	7.73E-05	0.32006079	0
CFH	down	11	2.9002849	4.23E-04	0.34479371	0
CLDN17	down	11	3.03418803	4.47E-04	0.32957746	0
CRCT1	down	11	3.12440646	1.38E-04	0.32006079	0
CTSL	up	11	3.01139601	0.00213819	0.3320719	0
IDH3A	up	11	2.84140551	2.16E-04	0.3519385	0
IFITM3	up	11	2.80531814	4.06E-04	0.35646581	0
LPIN1	down	11	2.61728395	3.94E-04	0.38207547	0
MELK	up	11	2.58309592	5.43E-04	0.38713235	0
MUC21	down	11	2.73789174	4.31E-04	0.36524454	0
NIPAL4	up	11	2.81386515	2.51E-04	0.35538306	0
PKMYT1	up	11	2.7302944	2.26E-04	0.36626087	0
PLIN1	down	11	2.7302944	4.18E-04	0.36626087	0
PLIN4	down	11	3.07692308	1.31E-04	0.325	0
PSCA	down	11	2.99430199	1.85E-04	0.33396765	0
RUVBL1	up	11	2.61063628	3.31E-04	0.38304838	0
SLPI	down	11	2.99240266	2.36E-04	0.33417963	0
STAC	down	11	2.84425451	2.12E-04	0.35158598	0
TM4SF1	down	11	2.9325736	2.68E-04	0.34099741	0
ADH1B	down	10	2.79867047	1.27E-04	0.35731252	0.02222222
Pbx1a	TF	10	2.90978158	0.00201161	0.34366841	0.06666667
MITF	TF	10	2.88129155	0.00173691	0.34706658	0
ARID5B	TF	10	3.14434948	9.28E-05	0.31803081	0
TGIF1	TF	10	3.09591643	1.80E-04	0.32300613	0
HOXA9B	TF	10	3.1291548	5.72E-05	0.31957511	0
NKX6-1	TF	10	3.07312441	0.00202592	0.32540173	0
ANLN	up	10	2.67616334	2.40E-04	0.37366927	0
BAIAP2L2	down	10	2.98005698	2.21E-04	0.33556405	0
VSX2	TF	10	3.05318139	1.60E-04	0.32752722	0
GLI2	TF	10	3.00854701	6.82E-04	0.33238636	0
BUB1	up	10	2.67236467	3.66E-04	0.37420043	0
PRRX2	TF	10	3.13105413	1.76E-04	0.31938126	0
C14orf132	down	10	2.72269706	2.28E-04	0.36728287	0
HLF	TF	10	2.99905033	1.83E-04	0.33343889	0
CLEC3B	down	10	2.6039886	4.36E-04	0.38402626	0
CSTA	down	10	2.56410256	1.58E-04	0.39	0.08888889
SOX5	TF	10	3.02849003	6.97E-05	0.33019755	0
NKX2-5	TF	10	3.09781576	1.13E-04	0.32280809	0

EPPK1	up	10	2.73219373	1.81E-04	0.36600626	0
GABARAPL2	down	10	2.85849953	1.73E-04	0.34983389	0
HS3ST6	down	10	2.7625831	1.40E-04	0.36198006	0
HSF4	down	10	2.85754986	2.02E-04	0.34995015	0
KRT7	up	10	2.77492877	2.20E-04	0.36036961	0
LGI3	down	10	3.25166192	8.24E-05	0.30753505	0
LMNB2	up	10	2.64767331	2.69E-04	0.3776901	0
LTC4S	down	10	2.70465337	4.79E-04	0.36973315	0
OBFC1	down	10	2.61158594	3.69E-04	0.38290909	0
PDPN	up	10	2.71035138	2.58E-04	0.36895585	0
PI16	down	10	2.67806268	2.85E-04	0.37340426	0
PRDX5	down	10	3.08452042	0.00389354	0.32419951	0
PYGL	up	10	2.76733143	1.32E-04	0.36135896	0
RPPH1	down	10	3.11870845	2.37E-04	0.32064555	0
RRM2	up	10	2.63722697	3.62E-04	0.37918617	0
SNCG	down	10	3.18708452	1.21E-04	0.31376639	0
SOD3	down	10	2.92687559	4.69E-04	0.34166126	0
ZNF365	down	10	2.65052232	3.28E-04	0.37728413	0
ACSF2	down	9	2.7654321	1.28E-04	0.36160714	0
PGR	TF	9	3.02659069	1.33E-04	0.33040477	0
ADAMTS4	up	9	2.79962013	1.71E-04	0.35719132	0
PPARG	TF	9	2.98670465	0.00114391	0.33481717	0
FOXD3	TF	9	3.0674264	1.66E-04	0.32600619	0
IL10	TF	9	3.17853751	7.28E-05	0.3146101	0
ALOX12B	up	9	3.10731244	1.55E-04	0.32182152	0
BBOX1	down	9	2.92212726	3.40E-04	0.34221644	0
SMAD4	TF	9	3.08167142	2.69E-04	0.32449923	0
C18orf25	down	9	2.65811966	2.35E-04	0.37620579	0
CREM	TF	9	2.85280152	2.26E-04	0.35053262	0.05555556
ATF2	TF	9	2.81766382	4.04E-04	0.35490394	0.08333333
CDC25B	up	9	2.61063628	2.64E-04	0.38304838	0.05555556
ESR2	TF	9	2.85565052	3.14E-04	0.35018291	0
CTSF	down	9	3.09781576	8.45E-05	0.32280809	0
RORalpha2	TF	9	3.09401709	2.85E-04	0.32320442	0
DCBLD1	up	9	2.78442545	1.34E-04	0.35914052	0
EPS8L1	down	9	2.88034188	1.35E-04	0.34718101	0
FCER1A	down	9	3.14624881	0.00212038	0.31783882	0
ETV4	TF	9	2.83475783	2.42E-04	0.35276382	0.05555556
GPD1	down	9	2.9620133	1.73E-04	0.33760821	0
HEBP2	down	9	2.65432099	2.53E-04	0.37674419	0
IL34	down	9	2.70845204	1.47E-04	0.36921459	0
KRT76	down	9	3.23266857	1.08E-04	0.30934195	0
LY6G6C	down	9	3.05603039	8.75E-05	0.32722188	0
MAL	down	9	3.0617284	1.18E-04	0.3266129	0
MAMDC2	down	9	2.68755935	2.21E-04	0.37208481	0
PLEK2	up	9	2.69135802	3.16E-04	0.37155963	0
RNASE4	down	9	2.7302944	3.49E-04	0.36626087	0

RNF222	down	9	2.89553656	1.41E-04	0.34535913	0
SCN4B	down	9	3.18423552	1.47E-04	0.31404712	0
SLC43A3	up	9	2.6011396	3.22E-04	0.38444688	0
SMPD1	down	9	2.7008547	3.03E-04	0.37025316	0
SNX9	down	9	2.62867996	2.13E-04	0.38041908	0
STEAP1	up	9	2.86039886	1.36E-04	0.34960159	0
TACC3	up	9	2.87749288	1.70E-04	0.34752475	0
VIPR1	down	9	2.82431149	2.54E-04	0.35406859	0
VMAC	down	9	3.00189934	6.84E-05	0.33312243	0
SOX2	TF	8	3.05982906	0.00207204	0.32681564	0
NFIC	TF	8	3.14150047	2.25E-04	0.31831923	0
AKR1B10	up	8	2.94207028	1.39E-04	0.33989671	0
ANGPTL1	down	8	3.43494777	1.13E-04	0.29112524	0
TCFAP2A	TF	8	3.27350427	1.80E-04	0.30548303	0
CA2	up	8	2.69895537	9.91E-05	0.37051372	0.17857143
NF-kappaE	TF	8	3.20322887	2.84E-05	0.312185	0
CCL18	up	8	2.76068376	2.18E-04	0.3622291	0
CCL19	up	8	2.85565052	2.93E-04	0.35018291	0
NR1I2	TF	8	3.16144349	5.83E-04	0.3163112	0
CDH16	down	8	2.95156695	1.46E-04	0.33880309	0
WT1	TF	8	3.10066477	2.28E-04	0.32251149	0
CNFN	down	8	2.87749288	1.47E-04	0.34752475	0
CRNN	down	8	2.78442545	3.26E-04	0.35914052	0
CST6	down	8	3.15574549	1.29E-04	0.31688234	0
ZNF263	TF	8	3.21272555	7.81E-05	0.31126219	0
CX3CL1	down	8	2.85944919	1.95E-04	0.3497177	0
DDX21	up	8	2.66096866	2.15E-04	0.375803	0
DPT	down	8	2.85754986	1.04E-04	0.34995015	0
GYS2	down	8	2.94491928	1.57E-04	0.33956788	0
LGALS3	down	8	2.72269706	5.42E-04	0.36728287	0
LYAR	up	8	2.9031339	9.18E-05	0.34445535	0
LYVE1	down	8	2.78727445	1.26E-04	0.35877342	0
MPZ	down	8	3.01234568	2.92E-04	0.33196721	0
NCCRP1	down	8	3.17663818	6.21E-05	0.31479821	0
PAMR1	down	8	2.8005698	1.38E-04	0.35707019	0
PLIN2	up	8	2.68566002	3.36E-04	0.37234795	0
PRDX6	down	8	2.71225071	2.56E-04	0.36869748	0.03571429
PRELP	down	8	3.02659069	1.04E-04	0.33040477	0
RFX2	down	8	2.65527066	1.53E-04	0.37660944	0
RPTN	down	8	2.92402659	1.90E-04	0.34199415	0
SCEL	down	8	2.66381766	1.19E-04	0.37540107	0.07142857
SNORD88B	up	8	2.73979107	1.73E-04	0.36499133	0.07142857
TRIP13	up	8	3.1671415	1.55E-04	0.31574213	0
VSIG10	down	8	2.83760684	1.26E-04	0.35240964	0
VSIG8	down	8	2.95726496	1.75E-04	0.33815029	0
NKX2-2	TF	7	3.18898386	9.04E-05	0.31357951	0
RUNX1	TF	7	3.21177588	6.02E-05	0.31135423	0

BRG1	TF	7	3.30674264	1.13E-04	0.30241241	0
CDC5L	TF	7	3.21367521	6.47E-05	0.31117021	0
KLF12	TF	7	3.20132953	7.58E-05	0.31237022	0
CTCF	TF	7	3.11775878	7.45E-04	0.32074322	0
NKX3-1	TF	7	2.86894587	1.38E-04	0.34856008	0.14285714
SPI1	TF	7	3.13105413	1.65E-04	0.31938126	0
BGN	down	7	3.31813865	1.46E-04	0.30137378	0
TCF7L2	TF	7	3.04558405	2.24E-04	0.32834425	0.04761905
CALML5	down	7	2.93067426	9.50E-05	0.34121841	0
CD207	down	7	2.74548908	1.62E-04	0.36423383	0
CLCA2	up	7	2.72934473	1.76E-04	0.36638831	0
SMAD3	TF	7	3.10161443	1.07E-04	0.32241274	0
CYBRD1	down	7	2.75023742	1.13E-04	0.36360497	0
CYP2C9	down	7	3.53466287	0.00391481	0.28291241	0
CYP3A5	down	7	2.66476733	1.62E-04	0.37526728	0
CYSLTR1	down	7	2.76163343	1.51E-04	0.36210454	0
FAM25A	down	7	3.5982906	5.99E-05	0.27790974	0
FBLN2	down	7	2.64862298	1.93E-04	0.37755468	0
RARA	TF	7	3.06077873	8.16E-05	0.32671424	0.04761905
HLA-DQA1	down	7	3.55555556	0.00574088	0.28125	0
IL18	down	7	2.97530864	6.33E-04	0.33609959	0
KRT6B	up	7	2.99905033	8.81E-05	0.33343889	0
LHFP	down	7	2.92307692	7.51E-05	0.34210526	0
MKI67	up	7	2.66191833	0.00217275	0.37566893	0.0952381
MYOZ1	down	7	2.68376068	1.73E-04	0.37261146	0
NDC80	up	7	2.7977208	2.23E-04	0.35743381	0
NINL	down	7	2.75973409	7.37E-05	0.36235375	0
NNMT	up	7	2.68566002	0.00199026	0.37234795	0
NOXA1	down	7	2.91452991	1.18E-04	0.3431085	0
PCOLCE2	down	7	2.8034188	9.65E-05	0.35670732	0
PHACTR4	down	7	2.68850902	1.85E-04	0.37195337	0
SCARA5	down	7	2.82905983	2.39E-04	0.35347432	0
SPRR3	down	7	2.67616334	7.08E-04	0.37366927	0.19047619
TRAPPC6A	down	7	2.59734093	1.19E-04	0.38500914	0.23809524
AADACL2	down	6	3.03608737	8.05E-05	0.32937129	0
LEF1	TF	6	3.08452042	1.46E-04	0.32419951	0
RBL2	TF	6	3.31244065	8.64E-05	0.3018922	0
ANXA3	down	6	2.80531814	6.52E-05	0.35646581	0
ARG2	down	6	2.73219373	1.58E-04	0.36600626	0
BCAS1	down	6	2.79867047	6.61E-05	0.35731252	0
KLF4	TF	6	3.08262108	1.55E-04	0.32439926	0
HDAC1	TF	6	2.87749288	2.33E-04	0.34752475	0.06666667
TRP53	TF	6	3.08641975	1.50E-04	0.324	0
Cart-1	TF	6	3.19468186	5.70E-05	0.31302021	0
ETS2	TF	6	2.83760684	1.59E-04	0.35240964	0.13333333
BRCA1	TF	6	2.88983856	6.90E-05	0.34604009	0.06666667
FLI1	TF	6	2.88603989	1.49E-04	0.34649556	0.06666667

CD1A	down	6	3.04083571	1.38E-04	0.32885696	0
HNF4A	TF	6	3.42830009	3.77E-04	0.29168975	0
HSF2	TF	6	2.90598291	6.35E-05	0.34411765	0.06666667
FAM118A	down	6	2.88034188	5.06E-05	0.34718101	0
FAM189A2	down	6	2.8005698	1.05E-04	0.35707019	0
FETUB	down	6	2.97340931	5.52E-05	0.33631428	0
FSCN1	up	6	2.81861349	1.74E-04	0.35478437	0
GINS2	up	6	2.79962013	6.77E-05	0.35719132	0
GPR68	up	6	2.7654321	9.16E-05	0.36160714	0
HDAC5	down_TF	6	2.52041785	4.73E-04	0.39675961	0.26666667
HIST1H2BG	down	6	2.76163343	1.15E-04	0.36210454	0
LAMB2	down	6	2.73219373	1.38E-04	0.36600626	0
LAYN	down	6	2.9705603	6.06E-05	0.33663683	0
LDHB	up	6	2.77967711	1.43E-04	0.35975401	0
MYO15B	down	6	3.36182336	5.25E-05	0.29745763	0
PLA2G4D	down	6	2.88414055	7.67E-05	0.34672374	0
PXDN	up	6	2.99240266	7.82E-05	0.33417963	0
RARRES3	down	6	2.94207028	6.22E-04	0.33989671	0
RFK	down	6	2.78347578	7.49E-05	0.35926305	0
SHISA5	up	6	3.02184236	7.96E-05	0.33092395	0
SLCO4A1	down	6	3.1965812	2.71E-05	0.31283422	0
SNX21	down	6	2.8651472	5.85E-05	0.34902221	0
TYMP	up	6	3.18708452	9.64E-05	0.31376639	0
UPK3B	down	6	2.75783476	1.19E-04	0.36260331	0
GATA6	TF	5	3.04463438	4.08E-05	0.32844666	0
E2F3	TF	5	3.20607787	6.80E-05	0.31190758	0
BAX	TF	5	3.20132953	2.20E-05	0.31237022	0
BLVRA	down	5	2.81006648	1.11E-04	0.35586347	0
C10orf99	up	5	3.03988604	1.03E-04	0.3289597	0
C15orf48	down	5	2.78442545	6.51E-05	0.35914052	0
CCDC74A	down	5	3.24311491	2.33E-05	0.30834553	0
RELB	TF	5	2.98195632	2.28E-04	0.33535032	0
CEBPD	TF	5	3.00474834	1.58E-04	0.33280657	0
ATF4	TF	5	3.03608737	1.53E-04	0.32937129	0
CFD	down	5	3.26780627	2.63E-05	0.30601569	0
LHX3b	TF	5	3.25925926	3.91E-05	0.30681818	0
LHX3a	TF	5	3.25925926	3.91E-05	0.30681818	0
CSTB	down	5	2.89553656	7.96E-05	0.34535913	0
CTSC	up	5	2.67806268	1.09E-04	0.37340426	0
PPARD	TF	5	3.17663818	9.31E-05	0.31479821	0
GSTT1	down	5	2.87939221	2.23E-04	0.34729551	0
GLI1	TF	5	3.2288699	7.30E-05	0.30970588	0
IFRD1	down	5	2.84425451	5.44E-05	0.35158598	0
KPRP	down	5	3.42545109	4.30E-05	0.29193235	0
KRT3	down	5	2.82621083	5.50E-05	0.35383065	0
KRT6C	up	5	3.37037037	3.01E-05	0.2967033	0
MGP	down	5	3.00094967	7.86E-05	0.33322785	0

MX2	down	5	2.9705603	6.03E-05	0.33663683	0
NMB	up	5	2.88034188	6.86E-05	0.34718101	0
NPM3	up	5	2.94207028	3.06E-05	0.33989671	0
PRSS8	down	5	3.01234568	0.00193189	0.33196721	0
RIOK3	down	5	2.76163343	1.12E-04	0.36210454	0
RNASE7	down	5	2.86324786	4.74E-05	0.34925373	0
RUSC2	down	5	2.95441595	3.00E-05	0.33847637	0
SPINK5	down	5	3.31718898	2.88E-05	0.30146006	0
TNFAIP8L3	down	5	2.75213675	9.01E-05	0.36335404	0
TNFRSF6B	up	5	3.03323837	4.26E-05	0.32968065	0
NFIA	TF	4	3.27635328	4.26E-05	0.30521739	0
ERG	TF	4	3.2668566	1.84E-05	0.30610465	0
TFAP2B	TF	4	3.27825261	1.99E-05	0.30504056	0
GATA-6	TF	4	3.19468186	1.53E-05	0.31302021	0
B3GNT8	down	4	3.03323837	4.43E-05	0.32968065	0
KLF5	TF	4	3.07312441	8.57E-05	0.32540173	0
POU1F1	TF	4	3.02279202	5.89E-05	0.33081998	0
SIRT1	TF	4	3.10446344	1.07E-04	0.32211686	0
CES1	down	4	3.11206078	5.85E-05	0.32133049	0
COMP	down	4	3.01709402	1.70E-04	0.33144476	0
RXRA	TF	4	3.37796771	1.52E-05	0.29603599	0
SOX10	TF	4	3.328585	2.19E-05	0.30042796	0
DEFB4A	up	4	3.30769231	0.00191639	0.30232558	0
DKK4	down	4	3.43969611	1.20E-04	0.29072336	0
DLGAP5	up	4	2.72174739	7.94E-05	0.36741103	0
FAM111B	up	4	2.80531814	5.39E-05	0.35646581	0
GSTM2	down	4	3.23836657	1.06E-05	0.30879765	0
IL36G	up	4	3.12820513	4.20E-05	0.31967213	0
KLK5	up	4	3.53181387	1.21E-05	0.28314063	0
RARB	TF	4	3.41025641	1.84E-05	0.29323308	0
LGALS7	down	4	3.02184236	1.98E-05	0.33092395	0
OSBPL1A	down	4	3.00949668	2.89E-05	0.33228148	0
RGS5	down	4	3.05413105	4.02E-05	0.32742537	0
SAMD9	down	4	2.75213675	4.87E-05	0.36335404	0
SFTA2	down	4	2.8679962	7.38E-05	0.3486755	0
SLC16A5	down	4	2.75878443	5.65E-05	0.36247849	0
TAS1R3	down	4	2.92307692	4.07E-05	0.34210526	0
ZNF273	down	4	2.74074074	5.33E-05	0.36486486	0
ACER1	down	3	2.89838557	2.15E-05	0.34501966	0
EZH2	TF	3	3.12440646	2.43E-05	0.32006079	0
MECP2	TF	3	3.12630579	8.55E-05	0.31986634	0
VDR	TF	3	3.39696106	4.22E-05	0.29438077	0
AMY2B	down	3	3.18233618	7.48E-05	0.31423456	0
APOD	down	3	3.48622982	0.0019101	0.28684282	0
APC	TF	3	3.25546059	2.66E-05	0.3071762	0
ILF3	TF	3	3.1291548	2.25E-04	0.31957511	0
SFPI1	TF	3	3.13580247	1.61E-05	0.31889764	0

NR4A1	TF	3	3.22507123	3.10E-05	0.31007067	0
HOXA1	TF	3	3.12535613	1.52E-05	0.31996354	0
KLF6	TF	3	3.12060779	3.39E-05	0.3204504	0
RUNX3	TF	3	3.10541311	2.70E-05	0.32201835	0
CD177	up	3	3.23551757	3.52E-05	0.30906956	0
TRIM28	TF	3	3.36752137	6.78E-06	0.29695431	0
CRISP3	down	3	2.86704653	1.91E-05	0.34879099	0
SNAI2	TF	3	3.27540361	1.43E-05	0.30530589	0
ECHDC2	down	3	3.38651472	6.67E-06	0.29528884	0
FAM45B	down	3	3.09306743	1.36E-05	0.32330365	0
NFE2L2	TF	3	3.33998101	4.51E-06	0.2994029	0
RUNX2	TF	3	3.12060779	1.81E-05	0.3204504	0
SMAD1	TF	3	3.25735992	2.27E-05	0.30699708	0
RARG	TF	3	3.44064577	9.27E-06	0.29064311	0
GTSE1	up	3	3.36752137	3.40E-05	0.29695431	0
LAMB4	down	3	2.86704653	1.91E-05	0.34879099	0
LCE3D	down	3	3.13010446	1.56E-05	0.31947816	0
LEPR	down	3	2.8651472	2.43E-05	0.34902221	0
MYEOV	down	3	2.77777778	3.37E-05	0.36	0
NDC1	up	3	3.44919278	4.35E-05	0.28992291	0
PI3	up	3	3.53466287	0.00190852	0.28291241	0
PLAC9	down	3	3.07312441	9.82E-06	0.32540173	0
PPDPF	down	3	3.58309592	1.02E-05	0.27908826	0
RARRES2	down	3	2.87654321	1.95E-05	0.34763948	0
SCIN	down	3	2.98385565	2.97E-05	0.33513686	0
SCNN1D	up	3	3.76638177	1.76E-05	0.26550681	0
SPRR2C	up	3	3.73504274	1.15E-05	0.26773455	0
TGM5	down	3	3.06552707	1.14E-05	0.32620818	0
THEM5	down	3	2.89268756	2.25E-05	0.34569928	0
TMEM173	up	3	2.78062678	3.63E-05	0.35963115	0
TNFRSF18	up	3	3.48812915	5.76E-05	0.28668663	0
TPSB2	down	3	3.60018993	1.72E-05	0.27776312	0
TPX2	up	3	2.8357075	3.84E-05	0.35264568	0
NFI	TF	2	3.334283	1.64E-05	0.29991455	0
TP63	TF	2	3.37796771	5.49E-06	0.29603599	0
ADAP2	up	2	3.21937322	4.97E-06	0.31061947	0
HDAC2	TF	2	3.34472934	2.33E-05	0.29897785	0
MBD1	TF	2	3.33048433	1.89E-05	0.30025663	0
APOBEC3A	up	2	2.94871795	1.13E-05	0.33913043	0
ARSI	down	2	3.668566	4.61E-06	0.27258607	0
OTX2	TF	2	3.54795821	1.93E-05	0.28185225	0
B3GNT3	up	2	2.94966762	1.01E-05	0.33902125	0
FOSL2	TF	2	3.20702754	3.86E-06	0.31181522	0
ABL1	TF	2	3.19278253	1.68E-06	0.31320642	0
SP4	TF	2	3.17948718	1.17E-05	0.31451613	0
DNMT1	TF	2	3.3960114	3.36E-06	0.29446309	0
AP1	TF	2	3.33238367	1.08E-05	0.30008549	0

SOX6	TF	2	3.14434948	2.33E-05	0.31803081	0
PTTG1	TF	2	3.36847104	1.41E-06	0.29687059	0
HOXB7	TF	2	3.16904084	1.43E-05	0.31555289	0
SP2	TF	2	3.17568851	2.87E-05	0.31489234	0
SMARCA4	TF	2	2.93732194	0	0.34044617	1
CDCA5	up	2	3.06267806	1.23E-05	0.32651163	0
ZBTB7A	TF	2	3.01424501	3.24E-05	0.33175803	0
COX7A1	down	2	3.02089269	6.92E-06	0.33102798	0
PLAG1	TF	2	3.37037037	1.73E-06	0.2967033	0
HMGA1	TF	2	3.40075973	1.10E-05	0.29405194	0
NCOA6	TF	2	3.01234568	5.58E-04	0.33196721	0
DEFB103A	up	2	3.80436847	9.36E-06	0.26285572	0
DUOXA2	down	2	3.53751187	7.69E-06	0.28268456	0
ATM	TF	2	3.35232669	8.10E-07	0.29830028	0
ELK1	TF	2	2.99145299	0	0.33428571	1
TWIST1	TF	2	2.98290598	0	0.33524355	1
RBMX	TF	2	2.97245964	1.17E-05	0.33642173	0
HDAC9	TF	2	3.50522317	4.87E-06	0.28528854	0
ETV6	TF	2	3.42924976	2.08E-06	0.29160897	0
LTB4R2	up	2	3.2668566	1.27E-05	0.30610465	0
ARNTL	TF	2	3.25451092	8.80E-06	0.30726583	0
CLOCK	TF	2	3.25451092	8.80E-06	0.30726583	0
PLA2G4E	up	2	3.56695157	1.79E-05	0.28035144	0
S100A7	up	2	3.28584995	5.32E-05	0.30433526	0
SMAD2	TF	2	3.31623932	6.60E-06	0.30154639	0
SH3YL1	down	2	3.06932574	7.50E-06	0.32580446	0
SHCBP1	up	2	3.06267806	1.23E-05	0.32651163	0
SNORA40	up	2	3.1348528	6.03E-06	0.31899424	0
SPRR2F	up	2	3.51092118	3.15E-06	0.28482553	0
POU5F1	TF	2	3.41405508	1.79E-06	0.29290682	0
TCAP	down	2	2.94871795	1.13E-05	0.33913043	0
TMPRSS11E	down	2	3.1291548	4.25E-06	0.31957511	0
TSTA3	up	2	2.91547958	1.49E-05	0.34299674	0
AAMDC	down	1	4.05887939	0	0.24637342	0
IPF1	TF	1	3.53846154	0	0.2826087	0
PDX1	TF	1	3.53846154	0	0.2826087	0
CDX1	TF	1	3.53846154	0	0.2826087	0
GATA4	TF	1	3.53846154	0	0.2826087	0
ADAM33	down	1	3.51756885	0	0.28428726	0
AP2B1	TF	1	3.57739791	0	0.27953278	0
NR5A2	TF	1	3.57739791	0	0.27953278	0
GTF3A	TF	1	3.50047483	0	0.28567553	0
ADSSL1	down	1	3.70750237	0	0.26972336	0
AGAP11	down	1	3.17758784	0	0.31470412	0
AGAP5	down	1	3.19088319	0	0.31339286	0
HDAC3	TF	1	3.64767331	0	0.27414736	0
NR2F1	TF	1	3.64767331	0	0.27414736	0

MBD2	TF	1	3.64767331	0	0.27414736	0
ANKRD20A5	down	1	3.17758784	0	0.31470412	0
NOTCH3	TF	1	4.48528015	0	0.22295151	0
GABPA	TF	1	4.16619183	0	0.24002735	0
MED1	TF	1	4.16619183	0	0.24002735	0
NAB2	TF	1	3.41785375	0	0.29258127	0
IRF4	TF	1	3.27350427	0	0.30548303	0
EHMT2	TF	1	3.66666667	0	0.27272727	0
CCDC127	down	1	3.19088319	0	0.31339286	0
CCL14	down	1	3.57075024	0	0.28005319	0
MAML1	TF	1	3.44729345	0	0.29008264	0
NFAT5	TF	1	3.44729345	0	0.29008264	0
HEY1	TF	1	3.44729345	0	0.29008264	0
PREB	TF	1	3.44729345	0	0.29008264	0
IRF3	TF	1	3.44729345	0	0.29008264	0
HOXC8	TF	1	3.44729345	0	0.29008264	0
GAS	TF	1	3.44729345	0	0.29008264	0
APEX1	TF	1	3.44729345	0	0.29008264	0
ZBTB16	TF	1	3.42260209	0	0.29217536	0
RBL1	TF	1	3.42260209	0	0.29217536	0
NFATC2	TF	1	3.42260209	0	0.29217536	0
E4F1	TF	1	3.42260209	0	0.29217536	0
ZHX2	TF	1	3.42260209	0	0.29217536	0
NANOG	TF	1	3.19468186	0	0.31302021	0
ZNF24	TF	1	3.19468186	0	0.31302021	0
PML	TF	1	3.19468186	0	0.31302021	0
BTG2	TF	1	3.19468186	0	0.31302021	0
FHL2	TF	1	3.19468186	0	0.31302021	0
KDM4B	TF	1	3.19468186	0	0.31302021	0
ING4	TF	1	3.19468186	0	0.31302021	0
LIN28A	TF	1	3.19468186	0	0.31302021	0
RNF14	TF	1	3.19468186	0	0.31302021	0
HEXIM1	TF	1	3.19468186	0	0.31302021	0
BHLHE41	TF	1	3.19468186	0	0.31302021	0
POU4F2	TF	1	3.19468186	0	0.31302021	0
E2F8	TF	1	3.19468186	0	0.31302021	0
NELFCD	TF	1	3.19468186	0	0.31302021	0
SNIP1	TF	1	3.19468186	0	0.31302021	0
VHL	TF	1	3.19468186	0	0.31302021	0
HNF4G	TF	1	3.98860399	0	0.25071429	0
NFIX	TF	1	3.65337132	0	0.27371978	0
CHP1	down	1	3.63437797	0	0.27515025	0
CIART	down	1	3.70750237	0	0.26972336	0
KLF3	TF	1	4.06077873	0	0.24625819	0
NR2C1	TF	1	3.66761633	0	0.27265665	0
NR2C2	TF	1	3.66761633	0	0.27265665	0
LMX1B	TF	1	3.58689459	0	0.27879269	0

SP100	TF	1	3.54605888	0	0.28200321	0
DLL1	TF	1	3.54605888	0	0.28200321	0
HOXA11	TF	1	4.01044634	0	0.2493488	0
PPARGC1A	TF	1	4.5337132	0	0.22056975	0
NR1I3	TF	1	4.5337132	0	0.22056975	0
DAPL1	down	1	3.79582146	0	0.26344759	0
NR1H4	TF	1	3.57264957	0	0.27990431	0
DEFB103B	up	1	3.97340931	0	0.25167304	0
NFKBIZ	TF	1	4.30674264	0	0.23219405	0
NKX2-1	TF	1	3.65242165	0	0.27379095	0
CUTL1	TF	1	3.64007597	0	0.27471954	0
KDM2A	TF	1	3.53561254	0	0.28283642	0
FAM25C	down	1	3.19373219	0	0.31311329	0
ELF1	TF	1	4.14529915	0	0.24123711	0
FERMT1	up	1	3.59924027	0	0.27783641	0
HOXD13	TF	1	3.43019943	0	0.29152824	0
TLX1	TF	1	3.43019943	0	0.29152824	0
HMG1	TF	1	3.02469136	0	0.33061224	0
GTF2I	TF	1	3.02469136	0	0.33061224	0
ELK3	TF	1	3.02469136	0	0.33061224	0
KCNIP3	TF	1	3.02469136	0	0.33061224	0
ELK4	TF	1	3.02469136	0	0.33061224	0
TWIST2	TF	1	3.02469136	0	0.33061224	0
GOLGA6L4	down	1	3.60208927	0	0.27761666	0
RXRβ	TF	1	3.56030389	0	0.2808749	0
IGF1R	TF	1	3.80626781	0	0.26272455	0
E2F6	TF	1	3.80626781	0	0.26272455	0
HILPDA	down	1	3.6951567	0	0.27062452	0
RFXAP	TF	1	4.55460589	0	0.21955796	0
RFX5	TF	1	4.55460589	0	0.21955796	0
RFXANK	TF	1	4.55460589	0	0.21955796	0
KHDRBS1	TF	1	3.41690408	0	0.29266259	0
ASCL1	TF	1	3.41690408	0	0.29266259	0
PLAGL2	TF	1	3.41690408	0	0.29266259	0
HOXC6	TF	1	3.57549858	0	0.27968127	0
DLX5	TF	1	3.57549858	0	0.27968127	0
CDX2	TF	1	3.57549858	0	0.27968127	0
DNMT3A	TF	1	3.57549858	0	0.27968127	0
NFIB	TF	1	3.50522317	0	0.28528854	0
TCF7L1	TF	1	3.64197531	0	0.27457627	0
IGFL1	down	1	3.59259259	0	0.27835052	0
ISLR	down	1	3.29724596	0	0.30328341	0
KLK7	up	1	3.91358025	0	0.2555205	0
HOXA7	TF	1	3.64767331	0	0.27414736	0
SMAD7	TF	1	3.54415954	0	0.28215434	0
LCE3A	down	1	3.69990503	0	0.27027721	0
CREBBP	TF	1	3.5365622	0	0.28276047	0

LINC00265	down	1	3.51756885	0	0.28428726	0
MAF	TF	1	3.44634378	0	0.29016258	0
MEF2D	TF	1	3.55745489	0	0.28109984	0
SATB1	TF	1	3.66096866	0	0.27315175	0
MTF1	TF	1	3.45963913	0	0.28904749	0
PIAS2	TF	1	3.51566952	0	0.28444084	0
PIAS3	TF	1	3.51566952	0	0.28444084	0
PIAS1	TF	1	3.51566952	0	0.28444084	0
PIAS4	TF	1	3.51566952	0	0.28444084	0
TFDP1	TF	1	3.37701804	0	0.29611924	0
NCAPG	up	1	3.17758784	0	0.31470412	0
HNF1B	TF	1	3.68471035	0	0.27139175	0
PAWR	TF	1	3.51282051	0	0.28467153	0
NR5A1	TF	1	3.51282051	0	0.28467153	0
MLX	TF	1	3.47958215	0	0.28739083	0
MXD4	TF	1	3.47958215	0	0.28739083	0
ZNF148	TF	1	3.47958215	0	0.28739083	0
ZNF281	TF	1	3.47958215	0	0.28739083	0
NPAS2	TF	1	3.39411206	0	0.29462787	0
FOXA2	TF	1	4.5337132	0	0.22056975	0
ELF2	TF	1	3.18898386	0	0.31357951	0
PBX1	TF	1	3.18898386	0	0.31357951	0
RFWD2	TF	1	3.18898386	0	0.31357951	0
JUND1	TF	1	3.18898386	0	0.31357951	0
PBX2	TF	1	3.18898386	0	0.31357951	0
HOXD3	TF	1	3.18898386	0	0.31357951	0
PKNOX1	TF	1	3.18898386	0	0.31357951	0
NRF1	TF	1	4.08357075	0	0.24488372	0
DEK	TF	1	4.08357075	0	0.24488372	0
SREBF2	TF	1	4.01139601	0	0.24928977	0
HES1	TF	1	3.47768281	0	0.28754779	0
HDAC4	TF	1	3.57929725	0	0.27938445	0
XRCC6	TF	1	3.54890788	0	0.28177683	0
AES	TF	1	3.665717	0	0.27279793	0
TP73L	TF	1	3.45394112	0	0.28952433	0
FOXF1	TF	1	3.93447293	0	0.25416365	0
ATF3	TF	1	3.93447293	0	0.25416365	0
ATF7	TF	1	3.93447293	0	0.25416365	0
KLF10	TF	1	3.42545109	0	0.29193235	0
PARP1	TF	1	3.42545109	0	0.29193235	0
TFE3	TF	1	3.42545109	0	0.29193235	0
OLIG1	TF	1	3.42545109	0	0.29193235	0
ARNTL2	TF	1	3.42545109	0	0.29193235	0
NROB2	TF	1	3.42545109	0	0.29193235	0
HLTF	TF	1	3.42545109	0	0.29193235	0
PAX2	TF	1	3.45773979	0	0.28920626	0
SLC16A9	up	1	3.19088319	0	0.31339286	0

KLF8	TF	1	3.65527066	0	0.27357755	0
SMC04	down	1	3.63437797	0	0.27515025	0
DDB2	TF	1	3.57359924	0	0.27982992	0
SPINK7	down	1	4.07217474	0	0.24556903	0
SPRR2E	up	1	3.59449193	0	0.27820343	0
SPRR2G	up	1	3.90883191	0	0.2558309	0
CEBPZ	TF	1	3.47008547	0	0.28817734	0
SNAI1	TF	1	3.47008547	0	0.28817734	0
ASH1L	TF	1	3.39316239	0	0.29471033	0
TPSAB1	down	1	3.59449193	0	0.27820343	0
MYBL1	TF	1	3.25546059	0	0.3071762	0
SOX11	TF	1	3.41500475	0	0.29282536	0
REST	TF	1	3.41500475	0	0.29282536	0
MED23	TF	1	3.4368471	0	0.29096435	0
HDAC10	TF	1	3.4368471	0	0.29096435	0
MLXIPL	TF	1	3.4368471	0	0.29096435	0
PFDN5	TF	1	3.47198481	0	0.28801969	0
PITX2	TF	1	3.65622032	0	0.27350649	0
XG	down	1	3.19373219	0	0.31311329	0
ZNF426	down	1	3.17758784	0	0.31470412	0
ZNF431	down	1	3.17758784	0	0.31470412	0

TopologicalCoefficient

0.04192038
0.04004632
0.04117142
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0.05518617
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