

Transcription Factor	Target Genes	pvalue	Fold Change
JUN_GENES	EPHX1	0.0162	2.72
	ARID1A	0.0223	2.41
	LTBP3	0.0070	2.35
	ZYX	0.0032	2.21
	CORO1B	0.0393	2.16
	TGFB1	0.0301	2.09
	DPYSL4	0.0499	2.06
	PTOV1	0.0211	2.04
	C16orf58	0.0308	2.04
	CDC42EP5	0.0176	2.04
	EML3	0.0479	2.02
	DGKZ	0.0500	2.02
	SLC16A3	0.0294	2.00
	BOK	0.0167	2.00
	TLE2	0.0109	1.99
	TLN1	0.0037	1.96
	LMNA	0.0057	1.96
	MYL9	0.0053	1.94
	TMEM132A	0.0072	1.89
	TRIP6	0.0070	1.86
	PLEKHM2	0.0175	1.84
	ZC3H3	0.0476	1.82
	CPSF1	0.0366	1.82
	DMPK	0.0100	1.79
	PLEC	0.0073	1.79
	PLOD3	0.0052	1.78
	DOCK6	0.0214	1.76
	HGSNAT	0.0184	1.76
	COTL1	0.0246	1.74
	RAC2	0.0104	1.72
	CABIN1	0.0224	1.71
	GAS6	0.0243	1.71
	TMEM39B	0.0226	1.71
	SLC6A8	0.0150	1.70
	SMARCB1	0.0406	1.70
	PFN1	0.0154	1.69
	HDAC7	0.0140	1.68
	ASMTL	0.0059	1.68
	FAM69B	0.0085	1.68
	CYC1	0.0200	1.67
	FCGRT	0.0135	1.67
	CX3CL1	0.0445	1.66
	NBEAL2	0.0152	1.65
	MARCKSL1	0.0454	1.65

DOLK	0.0307	1.64
ERBB2	0.0481	1.63
MFSD10	0.0248	1.63
NADSYN1	0.0448	1.63
RAB1B	0.0386	1.62
MAP7D1	0.0133	1.61
FSCN1	0.0037	1.60
TNIP1	0.0338	1.60
C19orf43	0.0240	1.60
DTX3	0.0104	1.58
EEFSEC	0.0182	1.58
NDUFB11	0.0260	1.58
SLC2A6	0.0311	1.57
ZZEF1	0.0452	1.57
HMGA1	0.0167	1.57
FKBP8	0.0314	1.57
PLXNB3	0.0228	1.56
ALDOA	0.0162	1.55
SIGMAR1	0.0036	1.55
GBGT1	0.0296	1.55
MAP4	0.0431	1.54
ZNF513	0.0446	1.54
TUBB3	0.0000	1.53
ELF4	0.0121	1.53
ADD1	0.0044	1.52
KHNYN	0.0117	1.52
SYVN1	0.0310	1.52
PRKCDBP	0.0265	1.51
DYNC1H1	0.0228	1.51
AIF1L	0.0380	1.50
MFAP2	0.0437	1.50
STAT6	0.0036	1.49
HLA-G	0.0304	1.49
PSMG3	0.0443	1.48
PIM3	0.0203	1.48
S100A6	0.0309	1.48
LDB1	0.0421	1.48
CDC25B	0.0189	1.47
UBAP2L	0.0333	1.47
GADD45B	0.0118	1.46
TMEM8A	0.0088	1.45
ATG13	0.0458	1.45
TTYH3	0.0379	1.44
BCAR1	0.0141	1.44
NCAPH2	0.0477	1.44
NOTCH4	0.0002	1.43
PI4KB	0.0356	1.43

FAM127A	0.0206	1.43
KRT18	0.0384	1.42
CCDC86	0.0428	1.42
HYOU1	0.0187	1.42
AARS	0.0180	1.42
HK1	0.0365	1.41
COL6A1	0.0310	1.41
EHD2	0.0349	1.39
MDC1	0.0086	1.39
DCTN2	0.0288	1.38
VPS53	0.0248	1.37
INO80B	0.0177	1.37
ABL2	0.0475	1.37
SH3TC1	0.0077	1.36
EPN2	0.0391	1.35
COMT	0.0380	1.35
ICAM2	0.0248	1.35
IFITM2	0.0224	1.35
HPS1	0.0460	1.34
SVEP1	0.0003	1.34
RABGAP1	0.0287	1.34
KLC1	0.0378	1.34
AP2S1	0.0043	1.34
GTF2IRD1	0.0087	1.34
LSM11	0.0464	1.33
CABLES1	0.0027	1.33
REPIN1	0.0038	1.33
KDELR1	0.0058	1.33
PRMT2	0.0477	1.33
WWTR1	0.0286	1.33
PLAU	0.0025	1.32
TBCB	0.0419	1.32
CLN6	0.0030	1.32
CLCN7	0.0460	1.31
HLA-E	0.0031	1.31
PSMC4	0.0223	1.31
KIAA0319L	0.0053	1.31
SLC6A17	0.0097	1.31
XKR8	0.0072	1.30
NMT1	0.0340	1.30
SLC25A22	0.0306	1.29
GIT1	0.0338	1.29
GPAA1	0.0460	1.29
RAPGEF1	0.0079	1.28
BACE2	0.0069	1.28
PPP1R12C	0.0381	1.28
SLC1A5	0.0427	1.28

HIPK1	0.0290	1.27
ENO1	0.0086	1.27
ZNFX1	0.0397	1.27
NDUFC1	0.0037	1.27
SLC41A3	0.0462	1.26
SQSTM1	0.0138	1.26
BTNL9	0.0490	1.26
CYB5R3	0.0141	1.26
ERP29	0.0048	1.26
LCNL1	0.0241	1.26
ENPP1	0.0103	1.26
MICAL2	0.0440	1.25
SEC61A1	0.0067	1.25
ATAD3A	0.0306	1.25
ABCC10	0.0349	1.25
CA12	0.0383	1.24
PER1	0.0355	1.23
PDIA5	0.0018	1.23
FNDC5	0.0219	1.23
DNASE1	0.0326	1.23
MMRN2	0.0133	1.23
PEX5	0.0452	1.22
PTMS	0.0452	1.21
DCTN3	0.0490	1.21
TCP11L2	0.0249	1.20
JDP2	0.0369	1.19
MAPK8	0.0134	1.19
GAB2	0.0212	1.19
PRR5	0.0420	1.19
NDUFAB1	0.0161	1.18
CPXM1	0.0187	1.18
EPHA6	0.0237	1.18
HTR3A	0.0164	1.18
ZNF154	0.0411	1.17
DNAH1	0.0434	1.17
SNX18	0.0039	1.17
DERL3	0.0352	1.17
PNCK	0.0497	1.16
AQP4	0.0067	1.16
KIF19	0.0013	1.16
LY6K	0.0199	1.16
PRSS37	0.0353	1.15
PHPT1	0.0256	1.15
AGER	0.0384	1.15
PPP2R5B	0.0050	1.15
GLI3	0.0257	1.15
GRSF1	0.0074	1.14

RAET1E	0.0063	1.14
SLC35C2	0.0299	1.14
PCCA	0.0163	1.14
ZFP91	0.0108	1.14
HLA-DOB	0.0228	1.13
MLX	0.0463	1.12
MCTP2	0.0333	1.12
TLK1	0.0018	1.11
GFRA1	0.0026	1.10
WDR49	0.0376	1.10
MAP9	0.0365	1.10
BHLHE40	0.0216	1.09
CHST5	0.0408	1.08
PIPOX	0.0048	1.06
FANCC	0.0045	-1.05
VDAC2	0.0465	-1.07
PARK7	0.0308	-1.07
SFTA3	0.0143	-1.08
PTPRO	0.0176	-1.08
DCN	0.0422	-1.08
SLAMF9	0.0315	-1.10
SGCB	0.0113	-1.10
FZD1	0.0063	-1.10
HPGD	0.0201	-1.11
BLID	0.0391	-1.11
CASC5	0.0055	-1.11
SNTB1	0.0400	-1.11
EPHA3	0.0311	-1.12
USP14	0.0196	-1.12
SYT3	0.0493	-1.12
RAP1B	0.0008	-1.13
CASP2	0.0333	-1.13
CLCA4	0.0151	-1.14
DUSP13	0.0224	-1.14
YIPF4	0.0239	-1.14
PDZD3	0.0478	-1.14
CYP2C9	0.0331	-1.15
KIAA1919	0.0464	-1.15
ATP2B2	0.0021	-1.16
IQCK	0.0407	-1.17
IL27	0.0088	-1.17
C11orf57	0.0218	-1.17
HOPX	0.0278	-1.17
CLDN11	0.0077	-1.17
KCNJ16	0.0461	-1.18
NPM1	0.0115	-1.18
CA5B	0.0163	-1.18

LYSMD1	0.0146	-1.18
AREG	0.0010	-1.18
PCMT1	0.0221	-1.19
BLVRA	0.0106	-1.19
AKTIP	0.0403	-1.20
SLC24A4	0.0390	-1.20
CFLAR	0.0021	-1.21
AHI1	0.0297	-1.21
PCDHA9	0.0107	-1.22
ZNF445	0.0115	-1.22
SPTA1	0.0385	-1.22
ZMYM2	0.0098	-1.22
LIMS3	0.0075	-1.22
BTBD9	0.0266	-1.22
ACLY	0.0331	-1.22
ZNF780B	0.0066	-1.22
SETD6	0.0390	-1.23
CMIP	0.0350	-1.23
HEATR5B	0.0043	-1.23
PARVG	0.0229	-1.24
RAB8B	0.0341	-1.24
TDRD3	0.0085	-1.24
CNIH4	0.0151	-1.24
DENND4C	0.0382	-1.25
RPL15	0.0474	-1.25
PAPSS2	0.0394	-1.26
COPS8	0.0249	-1.26
TPD52L3	0.0310	-1.26
UQCRC2	0.0421	-1.26
SH3BP5	0.0116	-1.26
TM9SF3	0.0421	-1.27
CARD14	0.0075	-1.27
NMD3	0.0121	-1.28
CBX3	0.0005	-1.28
ELL3	0.0185	-1.28
ZNF175	0.0163	-1.29
NR2C1	0.0099	-1.29
RPL23	0.0366	-1.29
ANKRD26	0.0379	-1.29
PTPRB	0.0486	-1.29
UBE3A	0.0300	-1.29
CPM	0.0153	-1.30
ADK	0.0082	-1.30
VPS4B	0.0457	-1.31
RFTN2	0.0232	-1.31
MED24	0.0218	-1.31
AP1G1	0.0120	-1.32

DDX3X	0.0261	-1.32
SARNP	0.0465	-1.33
NCOA3	0.0110	-1.33
SLMAP	0.0198	-1.33
TTC13	0.0488	-1.33
ORC4	0.0141	-1.33
CMKLR1	0.0199	-1.33
MYO10	0.0091	-1.34
KPNA4	0.0222	-1.34
PPP2R5E	0.0267	-1.34
TCF20	0.0138	-1.36
MRVI1	0.0477	-1.36
CCNC	0.0369	-1.37
CSNK1G3	0.0222	-1.37
DDR2	0.0366	-1.37
USP53	0.0278	-1.37
RBM39	0.0239	-1.38
IFRD1	0.0420	-1.38
GFM1	0.0204	-1.40
ZNF10	0.0135	-1.40
HELZ	0.0259	-1.41
ZBTB20	0.0217	-1.41
LRRCC1	0.0196	-1.41
KDM4C	0.0361	-1.43
ZNF587	0.0255	-1.46
BNC2	0.0384	-1.47
CRBN	0.0328	-1.48
TMLHE	0.0202	-1.48
DMXL1	0.0127	-1.49
DNAJC1	0.0022	-1.50
SBDS	0.0462	-1.50
LRP2BP	0.0490	-1.51
NFIA	0.0361	-1.52
SPAG16	0.0272	-1.58
RRP15	0.0424	-1.59
CARD8	0.0061	-1.59
SERPINB9	0.0221	-1.61
CHMP5	0.0438	-1.64
ATXN1	0.0332	-1.65
CDC14B	0.0270	-1.65
ERGIC2	0.0002	-1.70
TAF9B	0.0271	-1.74
GNAS	0.0198	-1.77
TM2D1	0.0362	-1.84
FOSL2	0.0106	-1.93
AKAP2	0.0314	-1.96
RASSF3	0.0462	-2.18

	NAA15	0.0345	-2.35
	ERAP1	0.0390	-2.83
	ARGLU1	0.0016	-2.83
	OGT	0.0258	-2.86
	TNRC6B	0.0118	-2.90
<b>RREB1_GENES</b>	VAR5	0.0170	2.73
	PRRC2A	0.0398	1.81
	FLOT1	0.0103	1.81
	EHMT2	0.0485	1.57
	DDX39B	0.0177	1.50
	HLA-E	0.0031	1.31
<b>CBX5_GENES</b>	C1GALT1C1	0.0403	-1.36
	GTF2A1	0.0291	-1.21
	GTPBP10	0.0329	-1.31
	OR2F1	0.0086	1.08
	RPS27L	0.0181	-2.36
<b>PPARA_GENES</b>	GPR56	0.0364	1.83
	DALRD3	0.0259	1.65
	ACE	0.0143	1.60
	BCAR1	0.0141	1.44
	PTMS	0.0452	1.21
	CSPG4	0.0022	1.20
	UBL5	0.0462	1.14
	RARA	0.0020	1.13
	ANKRD9	0.0093	1.11
	RPS3A	0.0452	-1.08
	BHMT2	0.0423	-1.14
	PKP4	0.0290	-1.16
	NR2F6	0.0376	-1.16
	BAZ1B	0.0383	-1.22
	MARK3	0.0076	-1.24
	LDLRAD3	0.0403	-1.30
	PTPRE	0.0279	-1.32
	COG5	0.0164	-1.32
	C2orf27A	0.0284	-1.33
	TCF20	0.0138	-1.36
	KIAA0232	0.0058	-1.38
	KIAA1731	0.0107	-1.56
	DICER1	0.0080	-1.78
	JRKL	0.0096	-2.00
	PPP3CA	0.0015	-2.17
<b>ATF1_GENES</b>	PRRC2A	0.0397962	1.81
	COTL1	0.0246135	1.74
	YPEL3	0.0122296	1.69
	HES4	0.0496334	1.57



	PI4KB	0.0356287	1.43
	HK1	0.0364752	1.41
	SLC9A1	0.0129621	1.41
	TYK2	0.0241114	1.40
	SREBF2	0.0493517	1.40
	ZFAND2B	0.0496484	1.39
	CRELD1	0.0213071	1.37
	MPV17L2	0.000250357	1.37
	RNPS1	0.0178513	1.24
	TMUB2	0.031506	1.24
	C6orf132	0.0320494	1.20
	ADPRHL1	0.0105337	1.16
	FAM53C	0.0319929	1.14
	USP22	0.00248997	1.13
	BRF1	0.041197	1.12
	HSPA12A	0.0443255	1.11
	EAF2	0.0334967	1.09
	MCM10	0.0229955	-1.04
	PTPRO	0.0176464	-1.08
	NACA	0.0432938	-1.08
	RPL24	0.0328647	-1.17
	MURC	0.021704	-1.17
	ARL5B	0.0326243	-1.23
	KPNA4	0.0221878	-1.34
	UBE2N	0.0244434	-1.38
	ARMCX3	0.0300292	-1.47
	DNAJA2	0.0113841	-1.49
	UBE2B	0.0226948	-1.52
	JUN	0.0146453	-1.58
	RBBP6	0.0247192	-1.60
	KPNA5	0.045299	-1.60
	TPR	0.0299332	-1.77
PLAG1_GENES	DDX39B	0.0177	1.50
	EHMT2	0.0485	1.57
	FLOT1	0.0103	1.81
	HLA-E	0.0031	1.31
	PRRC2A	0.0398	1.81
	VAR5	0.0170	2.73
TEAD2_GENES	RFC5	0.0035	-3.37
	SPTBN1	0.0057	-2.95
	RHEB	0.0450	-2.93
	OGT	0.0258	-2.86
	HDGFRP3	0.0032	-2.77
	COCH	0.0257	-2.48
	RPL27A	0.0174	-2.47

UBE2Z	0.0278	-1.96
TMEFF2	0.0081	-1.96
TRIM13	0.0370	-1.92
NFKBIZ	0.0147	-1.79
SLC12A2	0.0025	-1.73
RPL10	0.0486	-1.66
ATP11A	0.0246	-1.62
APLP2	0.0273	-1.60
JUN	0.0146	-1.58
KIAA1731	0.0107	-1.56
DCUN1D1	0.0120	-1.48
RREB1	0.0210	-1.48
SS18L1	0.0365	-1.47
SEMA6D	0.0131	-1.46
CKS2	0.0329	-1.44
NFX1	0.0078	-1.44
MECOM	0.0435	-1.42
QKI	0.0201	-1.41
RIMKLB	0.0309	-1.38
IFRD1	0.0420	-1.38
MSI2	0.0493	-1.35
EPS15L1	0.0312	-1.35
ORC4	0.0141	-1.33
ING2	0.0183	-1.32
FBXO11	0.0423	-1.31
CNOT6L	0.0471	-1.30
CD58	0.0421	-1.30
SMAD2	0.0396	-1.28
PPP2R5C	0.0246	-1.28
CBX3	0.0005	-1.28
NMD3	0.0121	-1.28
SOCS5	0.0197	-1.28
CARD14	0.0075	-1.27
JPH3	0.0175	-1.27
RFPL2	0.0465	-1.27
ADRBK2	0.0393	-1.26
PER3	0.0479	-1.26
CHCHD7	0.0473	-1.25
AHCTF1	0.0483	-1.25
ZNF345	0.0332	-1.24
DEK	0.0264	-1.24
RAB1A	0.0430	-1.22
DPP6	0.0283	-1.22
TBC1D24	0.0025	-1.21
FBXL13	0.0039	-1.20

OCLM	0.0034	-1.19
KDELC1	0.0239	-1.19
TBXA2R	0.0099	-1.18
HNRNPL	0.0233	-1.18
MED19	0.0406	-1.17
ANO5	0.0400	-1.17
NPAS3	0.0037	-1.16
RASGRF1	0.0398	-1.16
ATP2B2	0.0021	-1.16
NR2F6	0.0376	-1.16
GPBP1	0.0459	-1.15
CDK5R1	0.0138	-1.14
ANXA2	0.0310	-1.11
C6orf223	0.0392	-1.09
VSX1	0.0209	-1.08
KCMF1	0.0113	-1.06
IRS1	0.0299	-1.05
PCSK4	0.0035	1.06
CDHR5	0.0418	1.10
RPS28	0.0117	1.10
MRFAP1	0.0489	1.11
CAMK2N2	0.0234	1.12
H3F3A	0.0051	1.13
MYL5	0.0379	1.13
ZFP91	0.0108	1.14
ATRNL1	0.0271	1.14
TRMT61A	0.0427	1.14
GLI3	0.0257	1.15
COL8A2	0.0060	1.15
EPHB2	0.0169	1.15
HSPB7	0.0144	1.16
ZNF385B	0.0308	1.16
ACTB	0.0475	1.17
KANK2	0.0114	1.17
LPIN1	0.0375	1.17
RAE1	0.0079	1.17
OBSCN	0.0307	1.18
MLLT6	0.0290	1.18
CPXM1	0.0187	1.18
TNFRSF18	0.0485	1.18
TLE1	0.0436	1.18
ZBTB7B	0.0020	1.19
PRR5	0.0420	1.19
NAV2	0.0067	1.19
JDP2	0.0369	1.19

SLC27A5	0.0355	1.22
TGIF2	0.0410	1.23
MARVELD1	0.0306	1.23
HBA1	0.0388	1.23
LIMK1	0.0182	1.23
TSPYL2	0.0301	1.24
C11orf84	0.0351	1.24
CSNK1G2	0.0007	1.24
ABCD1	0.0326	1.25
ATXN7L3	0.0055	1.25
CDV3	0.0193	1.25
MAPKAPK2	0.0488	1.25
LPPR3	0.0159	1.25
RGS19	0.0320	1.26
SQSTM1	0.0138	1.26
THRA	0.0434	1.27
HS1BP3	0.0183	1.27
SLC1A5	0.0427	1.28
C17orf70	0.0423	1.28
SLC25A22	0.0306	1.29
ARHGEF17	0.0011	1.29
COL4A2	0.0181	1.30
NMT1	0.0340	1.30
EPHB4	0.0392	1.31
RAB4B	0.0181	1.33
COMMD4	0.0076	1.33
GABARAP	0.0010	1.33
RGS3	0.0088	1.33
PRMT2	0.0477	1.33
GTF2IRD1	0.0087	1.34
COMT	0.0380	1.35
PRDX5	0.0174	1.36
ABL2	0.0475	1.37
CSRP1	0.0005	1.37
FAM78A	0.0069	1.37
VPS53	0.0248	1.37
CRELD2	0.0444	1.38
ARAP3	0.0055	1.38
UBL7	0.0282	1.38
UBTF	0.0447	1.38
SHC1	0.0261	1.39
TENC1	0.0080	1.39
MTA1	0.0080	1.39
ZC3H7B	0.0336	1.40
SLC9A1	0.0130	1.41

CIC	0.0030	1.41
ABHD14A	0.0085	1.41
FSD1	0.0175	1.42
EIF4G1	0.0336	1.43
ACIN1	0.0030	1.43
BCAR1	0.0141	1.44
TUBB	0.0008	1.46
UBE2J2	0.0428	1.46
OGFR	0.0367	1.46
TPI1	0.0385	1.46
CDC25B	0.0189	1.47
SMARCA4	0.0130	1.47
TSPAN4	0.0444	1.47
PIM3	0.0203	1.48
CRAT	0.0067	1.49
STAT6	0.0036	1.49
TCF3	0.0182	1.49
PILRB	0.0348	1.50
DYNC1H1	0.0228	1.51
AES	0.0063	1.51
ELF4	0.0121	1.53
MMP2	0.0028	1.54
RAB5C	0.0010	1.55
ACADVL	0.0202	1.55
PCBP4	0.0475	1.56
HMGA1	0.0167	1.57
ZZEF1	0.0452	1.57
ATP13A1	0.0039	1.57
HES4	0.0496	1.57
SCARA3	0.0210	1.58
SLC29A1	0.0303	1.59
CPNE1	0.0157	1.59
RAVER1	0.0239	1.59
PPP2R4	0.0220	1.63
UCKL1	0.0427	1.64
FBLIM1	0.0327	1.64
CITED2	0.0364	1.64
LRFN4	0.0386	1.64
FSTL3	0.0214	1.65
MARCKSL1	0.0454	1.65
SGSH	0.0274	1.67
MCM7	0.0417	1.67
HSF1	0.0433	1.68
PRPF31	0.0406	1.68
ASMTL	0.0059	1.68

	HDAC7	0.0140	1.68
	DHCR7	0.0033	1.69
	MDK	0.0242	1.69
	PPP1R14B	0.0165	1.69
	PFN1	0.0154	1.69
	GNA11	0.0031	1.70
	SLC6A8	0.0150	1.70
	HOMER3	0.0009	1.70
	HIP1R	0.0280	1.73
	DBN1	0.0097	1.73
	MBOAT7	0.0231	1.74
	STUB1	0.0275	1.76
	CTSD	0.0072	1.77
	ECM1	0.0355	1.78
	FAM65A	0.0014	1.78
	SH2D3C	0.0316	1.78
	PLEC	0.0073	1.79
	FLOT1	0.0103	1.81
	RPP25	0.0192	1.85
	ACTR1A	0.0214	1.87
	LRP5	0.0194	1.92
	MYL9	0.0053	1.94
	LMNA	0.0057	1.96
	ZNF618	0.0034	2.06
	NT5DC2	0.0023	2.08
	PRKCSH	0.0137	2.11
	ARHGDIA	0.0058	2.15
	POLR2L	0.0119	2.15
	ZYX	0.0032	2.21
	CAMK2N1	0.0406	2.22
	MAZ	0.0010	2.25
	TGFB1I1	0.0056	2.33
	LTBP3	0.0070	2.35
	FLNA	0.0007	2.67
REPIN1_GENES	FAM76B	0.0239	-5.94
	EME1	0.0252	-3.19
	OGT	0.0258	-2.86
	FLCN	0.0303	-2.41
	RPS27L	0.0181	-2.36
	TMEFF2	0.0081	-1.96
	FOSL2	0.0106	-1.93
	MRPS25	0.0117	-1.92
	SLMO2	0.0447	-1.87
	FAM134A	0.0045	-1.86
	PDGFA	0.0087	-1.82

TAF9B	0.0271	-1.74
SCAF11	0.0258	-1.73
KPNA3	0.0268	-1.70
RAB14	0.0498	-1.69
NEK1	0.0383	-1.67
ATXN7	0.0420	-1.63
FNIP1	0.0199	-1.63
PRICKLE1	0.0263	-1.63
PHAX	0.0070	-1.56
ANKH	0.0028	-1.52
NDUFS1	0.0341	-1.52
HIPK2	0.0278	-1.48
FOXN2	0.0463	-1.48
TRAPPC2	0.0388	-1.48
PLEKHA3	0.0219	-1.47
PPP1R2	0.0340	-1.46
MAP4K4	0.0201	-1.46
HELZ	0.0259	-1.41
KIAA0232	0.0058	-1.38
RBM39	0.0239	-1.38
PICALM	0.0440	-1.37
CCNC	0.0369	-1.37
METTL4	0.0364	-1.37
GNB4	0.0275	-1.36
DHRS12	0.0378	-1.36
GUK1	0.0102	-1.33
DDX3X	0.0261	-1.32
NCS1	0.0330	-1.32
PTPRE	0.0279	-1.32
PTPRB	0.0486	-1.29
ATF1	0.0250	-1.29
SMAD2	0.0396	-1.28
ARHGEF40	0.0339	-1.28
PDGFC	0.0464	-1.27
KARS	0.0052	-1.27
NUP50	0.0184	-1.26
ATP5F1	0.0026	-1.26
RGS10	0.0178	-1.26
LUC7L3	0.0066	-1.25
CHCHD7	0.0473	-1.25
B3GALNT2	0.0114	-1.24
CMIP	0.0350	-1.23
SLC10A7	0.0308	-1.23
ZNF248	0.0221	-1.22
DPP6	0.0283	-1.22

CFLAR	0.0021	-1.21
SNAP25	0.0336	-1.20
SFT2D1	0.0115	-1.20
MYLIP	0.0413	-1.20
FBXL13	0.0039	-1.20
RNF138	0.0345	-1.18
HOPX	0.0278	-1.17
SERP2	0.0346	-1.16
MATR3	0.0300	-1.16
BMP2K	0.0490	-1.16
PKP4	0.0290	-1.16
PKNOX1	0.0464	-1.14
ZIC4	0.0051	-1.14
SMU1	0.0362	-1.13
SYT3	0.0493	-1.12
EIF5	0.0467	-1.12
SNTB1	0.0400	-1.11
CASP9	0.0235	-1.10
RPL22	0.0476	-1.10
HNRNPAB	0.0310	-1.10
ZIC1	0.0407	-1.07
CASZ1	0.0483	1.07
PPIA	0.0170	1.07
GFRA1	0.0026	1.10
CDHR5	0.0418	1.10
RPS28	0.0117	1.10
ANKRD9	0.0093	1.11
RASGRP1	0.0221	1.11
PAWR	0.0402	1.12
MLX	0.0463	1.12
UFD1L	0.0349	1.12
BRF1	0.0412	1.12
RARA	0.0020	1.13
FOXH1	0.0376	1.14
C17orf100	0.0432	1.14
ATRNL1	0.0271	1.14
SLC35C2	0.0299	1.14
EPHB2	0.0169	1.15
ZNF385B	0.0308	1.16
SYNE1	0.0422	1.17
TMEM37	0.0498	1.17
HSP90AB1	0.0305	1.17
HEY2	0.0357	1.18
EPHA6	0.0237	1.18
ZBTB7B	0.0020	1.19



NAV2	0.0067	1.19
MAPK8	0.0134	1.19
FOXC2	0.0087	1.19
CDH5	0.0311	1.20
RASSF7	0.0241	1.23
LIMK1	0.0182	1.23
CSNK1G2	0.0007	1.24
USF2	0.0105	1.25
ATXN7L3	0.0055	1.25
CDV3	0.0193	1.25
BTBD6	0.0447	1.26
CYB5R3	0.0141	1.26
KCTD17	0.0386	1.27
WIPI2	0.0071	1.28
LRRC32	0.0370	1.28
ZNF76	0.0481	1.28
GIT1	0.0338	1.29
SLC25A22	0.0306	1.29
JMJD8	0.0002	1.29
COL4A2	0.0181	1.30
LTBP2	0.0101	1.30
EPHB4	0.0392	1.31
KIAA0319L	0.0053	1.31
TSNARE1	0.0377	1.31
COMMD5	0.0068	1.31
CLCN7	0.0460	1.31
CAV1	0.0497	1.33
RGS3	0.0088	1.33
GANAB	0.0341	1.33
MADD	0.0418	1.33
ARMC4	0.0205	1.34
IFITM2	0.0224	1.35
SEMA3F	0.0125	1.35
TMEM141	0.0008	1.35
ADAM15	0.0389	1.35
CPNE2	0.0014	1.35
GRK5	0.0292	1.36
PRDX5	0.0174	1.36
TONSL	0.0202	1.37
BMP1	0.0049	1.37
INO80B	0.0177	1.37
FAM78A	0.0069	1.37
VPS53	0.0248	1.37
MAP1LC3A	0.0459	1.38
TENC1	0.0080	1.39

GP1BB	0.0125	1.40
SLC9A1	0.0130	1.41
CIC	0.0030	1.41
GPR108	0.0479	1.41
ILK	0.0046	1.42
FAM127A	0.0206	1.43
YBEY	0.0195	1.43
EIF4G1	0.0336	1.43
CTNNBIP1	0.0434	1.44
PLD2	0.0011	1.44
NCAPH2	0.0477	1.44
TMEM8A	0.0088	1.45
CAPNS1	0.0460	1.46
RBPMS	0.0375	1.46
MED25	0.0069	1.46
UBAP2L	0.0333	1.47
SMARCA4	0.0130	1.47
AHCY	0.0095	1.47
PIM3	0.0203	1.48
SH2B1	0.0346	1.49
CRAT	0.0067	1.49
HSPG2	0.0028	1.49
YIF1A	0.0343	1.51
SYVN1	0.0310	1.52
ADD1	0.0044	1.52
CLTB	0.0220	1.53
LZTS2	0.0230	1.55
PCBP4	0.0475	1.56
VPS28	0.0142	1.57
ACVRL1	0.0414	1.57
FARP1	0.0474	1.58
SCARA3	0.0210	1.58
GPS1	0.0466	1.58
SLC29A1	0.0303	1.59
RAVER1	0.0239	1.59
PPDPF	0.0380	1.60
FSCN1	0.0037	1.60
CDK2AP2	0.0045	1.61
UBTD1	0.0247	1.61
POLR2E	0.0099	1.61
RAB1B	0.0386	1.62
CTDNEP1	0.0490	1.63
TNK2	0.0261	1.63
WBP2	0.0260	1.64
JAG2	0.0435	1.64

LRFN4	0.0386	1.64
FSTL3	0.0214	1.65
OBSL1	0.0398	1.65
ASMTL	0.0059	1.68
HDAC7	0.0140	1.68
SLC25A39	0.0057	1.68
MDK	0.0242	1.69
SELO	0.0343	1.69
PNKD	0.0317	1.71
CABIN1	0.0224	1.71
ARPC4	0.0444	1.73
FGFR1	0.0061	1.73
HGSNAT	0.0184	1.76
MYO1D	0.0345	1.77
PUF60	0.0129	1.78
STRN4	0.0425	1.78
TRIM47	0.0048	1.81
CPSF1	0.0366	1.82
GPR56	0.0364	1.83
FAM129B	0.0320	1.84
SDF4	0.0223	1.85
RPP25	0.0192	1.85
FASN	0.0263	1.87
LYL1	0.0356	1.88
PRKD2	0.0220	1.89
ITGA5	0.0058	1.90
LRP5	0.0194	1.92
FXVD5	0.0020	1.93
ISYNA1	0.0223	1.93
ARF3	0.0182	1.94
SPHK1	0.0440	1.96
ACTN4	0.0087	1.98
HGS	0.0136	1.98
TLE2	0.0109	1.99
DPYSL4	0.0499	2.06
FOXP4	0.0472	2.11
ARHGDIA	0.0058	2.15
COL18A1	0.0157	2.17
MAZ	0.0010	2.25
ATP5D	0.0118	2.51