

Gene	P value
IER5L	1.3E-10
NFIA	2.6E-10
GTPBP3	2.7E-10
PPAP2B	5.3E-10
CMC1	2.1E-09
KIF23	2.4E-09
TIMMDC1	4.1E-09
HMBS	5.2E-09
LAMTOR2	0.00000006
TACO1	0.00000014
PTDSS1	0.00000018
CIT	0.00000021
HIC1	0.00000025
CDK2	0.0000003
SLC25A1	0.00000034
RNF122	0.0000007
MECR	0.0000012
SIX4	0.0000016
OTUB1	0.0000021
KLF6	0.0000031
EMC1	0.0000035
ARPC3	0.0000044
DOLPP1	0.0000049
PDCD10	0.0000051
FADD	0.0000058
QPCTL	0.000006
FOXO1	0.0000085
OSTC	0.0000086
TCEB1	0.000013
HMGB2	0.000014
NDUFS8	0.000016
NDUFBC	0.000017
APMAP	0.000025
ARPC4	0.000029
NDUFS6	0.000035
ZNF746	0.00005
NDUFB4	0.000067
NDUAF7	0.000088
NDUFA9	0.000099
UQCC1	0.000014
ADAM10	0.000019
LCMT1	0.000019
MYC	0.000022
SUPT20H	0.000026
XPR1	0.000026
NCKAP1L	0.000031

TMEM165	0.000031
NDUFS2	0.000032
AIFM1	0.000033
CHMP1A	0.000038
TMEM119	0.000039
DOCK11	0.000056
MAP3K3	0.000062
COX18	0.000079
CD79B	0.000081
CMAS	0.000086
MAP3K10	0.000092
ANAPC7	0.0001
WASF2	0.0001
NDUFB9	0.00014
COX5B	0.00015
ALAD	0.00016
LIPT2	0.00019
NXT1	0.0002
TP73	0.0002
STARD7	0.00021
JAK1	0.00022
JMJD1C	0.00023
SLC9A3R1	0.00024
LIMK2	0.00027
MGAT1	0.00035
GRSF1	0.00042
SLC39A9	0.0006
HMGB1	0.00063
CLIC4	0.00064
VCAM1	0.00075
C1GALT1	0.00097
SPPL3	0.001
ELOVL1	0.0011
NHLRC2	0.0011
PTEN	0.0012
C1GALT1C1	0.0014
LAMTOR4	0.0014
ACTR2	0.0021
SLC25A1	0.0023
OSR2	0.0027
UBE2K	0.0029
ELOVL6	0.0029
CADM1	0.003
VPS37A	0.0035
RRAGA	0.0037
SAMD4B	0.0038
RAC1	0.0039

WDR1	0.004
RPL21	0.0046
NDUFA1	0.0048
TM2D1	0.005
MTIF3	0.0051
GNE	0.0063
NDUFV1	0.0065
MAML2	0.0075
ARID1B	0.008
GRHL1	0.0082
FTN4IP1	0.0086
FOXO4	0.0088
STK4	0.0088
CAB39	0.0089
ZFX	0.0094
GTPBP6	0.0095
ACTB	0.0098
PTPRC	0.0099
NDUFC1	0.012
C5AR1	0.015
UBE2J1	0.015
UBR4	0.015
SLC39A13	0.017
ZNF217	0.017
PRDM1	0.022
SMAGP	0.023
HRCT1	0.024
NANS	0.024
MYO9B	0.025
ZBTB7A	0.028
LPIN2	0.03
MSN	0.03
TLE3	0.033
AIP	0.035
PDE12	0.036
SS18	0.036
MOB3A	0.043
ARSB	0.046
CYFIP1	0.049
LRRC15	0.049
UBE2D3	0.054
NDUFB6	0.055
NUBPL	0.13
MUC1	0.25
PTPN6	0,000049