

gene_name	set
CNTN1	CD40L_up_only
PRDM11	CD40L_up_only
TBPL1	CD40L_up_only
PIAS1	CD40L_up_only
ARID1B	CD40L_up_only
MSH4	CD40L_up_only
STAG3	CD40L_up_only
TP53BP1	CD40L_up_only
FGFR3	CD40L_up_only
MEF2A	CD40L_up_only
RAB27A	CD40L_up_only
SPTB	CD40L_up_only
SLC44A1	CD40L_up_only
RPS6KA2	CD40L_up_only
PICALM	CD40L_up_only
MARK3	CD40L_up_only
BAZ2A	CD40L_up_only
ICAM3	CD40L_up_only
TULP3	CD40L_up_only
RBF0X1	CD40L_up_only
DLGAP4	CD40L_up_only
TCF7	CD40L_up_only
COL19A1	CD40L_up_only
ZNF264	CD40L_up_only
NCOA1	CD40L_up_only
RAD54L	CD40L_up_only
PIGS	CD40L_up_only
CPXM1	CD40L_up_only
SNAP23	CD40L_up_only
CYP26A1	CD40L_up_only
JAK2	CD40L_up_only
CRYBB2P1	CD40L_up_only
DCAF11	CD40L_up_only
HCK	CD40L_up_only
SMAD7	CD40L_up_only
KLF5	CD40L_up_only
SYT17	CD40L_up_only
HERC1	CD40L_up_only
CD276	CD40L_up_only
DMXL2	CD40L_up_only
IKBKB	CD40L_up_only
FCER2	CD40L_up_only
PLIN3	CD40L_up_only
CCL24	CD40L_up_only
FKTN	CD40L_up_only
PALD1	CD40L_up_only
PPP3CB	CD40L_up_only
MED13	CD40L_up_only
COL1A1	CD40L_up_only

SGCA	CD40L_up_only
GALNT7	CD40L_up_only
NRXN2	CD40L_up_only
CD69	CD40L_up_only
KCNA1	CD40L_up_only
ALDH2	CD40L_up_only
STX2	CD40L_up_only
WVC1	CD40L_up_only
C3orf52	CD40L_up_only
RNF19B	CD40L_up_only
MYCL	CD40L_up_only
TNFSF4	CD40L_up_only
NSL1	CD40L_up_only
STX12	CD40L_up_only
SLC5A9	CD40L_up_only
MYB	CD40L_up_only
WDR35	CD40L_up_only
KLHL29	CD40L_up_only
ATAD2B	CD40L_up_only
PLEKHG1	CD40L_up_only
ENOX1	CD40L_up_only
NACA3P	CD40L_up_only
TMEM131L	CD40L_up_only
ECHDC2	CD40L_up_only
A1BG	CD40L_up_only
DPPA4	CD40L_up_only
ADGRB2	CD40L_up_only
PIK3CA	CD40L_up_only
MTERF4	CD40L_up_only
KIAA1191	CD40L_up_only
MED13L	CD40L_up_only
MED20	CD40L_up_only
TTF1	CD40L_up_only
SH2D3A	CD40L_up_only
KDM5C	CD40L_up_only
ST3GAL3	CD40L_up_only
ASL	CD40L_up_only
SPECC1	CD40L_up_only
SMO	CD40L_up_only
TPH1	CD40L_up_only
ZNF337	CD40L_up_only
ABCB7	CD40L_up_only
PIAS3	CD40L_up_only
CLUHP3	CD40L_up_only
FLOT2	CD40L_up_only
FAM83F	CD40L_up_only
RRAS2	CD40L_up_only
KATNBL1	CD40L_up_only
DOCK2	CD40L_up_only
DDB2	CD40L_up_only

KCNH3	CD40L_up_only
NHSL1	CD40L_up_only
FBXL8	CD40L_up_only
TM6SF1	CD40L_up_only
TANK	CD40L_up_only
KIF13A	CD40L_up_only
FCHSD2	CD40L_up_only
PRCP	CD40L_up_only
FXYD2	CD40L_up_only
KYAT3	CD40L_up_only
TMOD3	CD40L_up_only
BBS7	CD40L_up_only
CCDC65	CD40L_up_only
TCF12	CD40L_up_only
ZFHX3	CD40L_up_only
CTTNBP2NL	CD40L_up_only
PI4KB	CD40L_up_only
FANCD2	CD40L_up_only
GRIP2	CD40L_up_only
ZNF660	CD40L_up_only
NXPE3	CD40L_up_only
OTULINL	CD40L_up_only
GNA12	CD40L_up_only
TMEM168	CD40L_up_only
ZCCHC7	CD40L_up_only
PROSER2	CD40L_up_only
CCDC82	CD40L_up_only
PLCB3	CD40L_up_only
ADAM8	CD40L_up_only
BICD1	CD40L_up_only
RABGAP1L	CD40L_up_only
ATG10	CD40L_up_only
CAMK4	CD40L_up_only
RASGRP3	CD40L_up_only
STK32B	CD40L_up_only
CHST9	CD40L_up_only
JPH3	CD40L_up_only
LRGUK	CD40L_up_only
BACH1	CD40L_up_only
SAMD8	CD40L_up_only
ST3GAL2	CD40L_up_only
APPL1	CD40L_up_only
CCDC24	CD40L_up_only
RSPRY1	CD40L_up_only
TCAF2P1	CD40L_up_only
ICOSLG	CD40L_up_only
CFAP410	CD40L_up_only
PMF1	CD40L_up_only
IER2	CD40L_up_only
VCAM1	CD40L_up_only

SLC30A7	CD40L_up_only
VANGL2	CD40L_up_only
CAPN2	CD40L_up_only
ARHGAP25	CD40L_up_only
DNAJC5G	CD40L_up_only
MST1R	CD40L_up_only
IL15	CD40L_up_only
CMYA5	CD40L_up_only
ACSL6	CD40L_up_only
USP49	CD40L_up_only
TAGAP	CD40L_up_only
NOS3	CD40L_up_only
MYORG	CD40L_up_only
ANKS6	CD40L_up_only
CKB	CD40L_up_only
PLEKHF1	CD40L_up_only
MSS51	CD40L_up_only
RNF169	CD40L_up_only
MAPK7	CD40L_up_only
NDST2	CD40L_up_only
ZSCAN21	CD40L_up_only
NOD2	CD40L_up_only
SNX20	CD40L_up_only
GNG8	CD40L_up_only
DHRS13	CD40L_up_only
SLC43A2	CD40L_up_only
RILP	CD40L_up_only
SDHAF2	CD40L_up_only
PKIG	CD40L_up_only
CXXC4	CD40L_up_only
PARM1	CD40L_up_only
PTPN9	CD40L_up_only
ROB01	CD40L_up_only
TCAF2	CD40L_up_only
DCLK2	CD40L_up_only
SPATA24	CD40L_up_only
PAQR8	CD40L_up_only
ATF7IP	CD40L_up_only
MOB3A	CD40L_up_only
TMCC1	CD40L_up_only
IQCK	CD40L_up_only
CEP135	CD40L_up_only
TRAF6	CD40L_up_only
TP53I11	CD40L_up_only
KCNE5	CD40L_up_only
SYNE3	CD40L_up_only
AN06	CD40L_up_only
OR2T35	CD40L_up_only
HIC1	CD40L_up_only
TBL1XR1	CD40L_up_only

JUN CD40L\_up\_only  
CASC2 CD40L\_up\_only  
PARP10 CD40L\_up\_only  
GPC5 CD40L\_up\_only  
PIK3CD-AS1 CD40L\_up\_only  
TIGD2 CD40L\_up\_only  
MAP6D1 CD40L\_up\_only  
PJA1 CD40L\_up\_only  
DHTKD1 CD40L\_up\_only  
PHLDA2 CD40L\_up\_only  
IBA57 CD40L\_up\_only  
TMEM30B CD40L\_up\_only  
ALG12 CD40L\_up\_only  
RGS7 CD40L\_up\_only  
LINC01547 CD40L\_up\_only  
LHFPL6 CD40L\_up\_only  
MAATS1 CD40L\_up\_only  
MED12 CD40L\_up\_only  
NUTM2A CD40L\_up\_only  
RAD51D CD40L\_up\_only  
SPATA12 CD40L\_up\_only  
PPARA CD40L\_up\_only  
TSPYL4 CD40L\_up\_only  
TCTEX1D4 CD40L\_up\_only  
HBA2 CD40L\_up\_only  
CFAP54 CD40L\_up\_only  
BNIP5 CD40L\_up\_only  
TDRD7 CD40L\_up\_only  
OR8A1 CD40L\_up\_only  
SEMA4A CD40L\_up\_only  
LCOR CD40L\_up\_only  
ZNF140 CD40L\_up\_only  
MRTFA CD40L\_up\_only  
OR2T4 CD40L\_up\_only  
FBXL22 CD40L\_up\_only  
TXNRD3 CD40L\_up\_only  
ADAMTSL2 CD40L\_up\_only  
ZNF71 CD40L\_up\_only  
HYLS1 CD40L\_up\_only  
ZXDB CD40L\_up\_only  
SMURF1 CD40L\_up\_only  
L1CAM CD40L\_up\_only  
RNU5F-1 CD40L\_up\_only  
RNU1-87P CD40L\_up\_only  
RNY1P11 CD40L\_up\_only  
RNU6-302P CD40L\_up\_only  
SNHG5 CD40L\_up\_only  
SYS1 CD40L\_up\_only  
HLA-G CD40L\_up\_only  
INSYN2B CD40L\_up\_only

TCTN1 CD40L\_up\_only  
ACOT6 CD40L\_up\_only  
HACD2 CD40L\_up\_only  
MIR181B2 CD40L\_up\_only  
IGKC CD40L\_up\_only  
IGKV4-1 CD40L\_up\_only  
IGLV1-51 CD40L\_up\_only  
IGLV1-47 CD40L\_up\_only  
IGLV7-46 CD40L\_up\_only  
IGLV1-44 CD40L\_up\_only  
IGLV1-40 CD40L\_up\_only  
IGLV3-25 CD40L\_up\_only  
IGLV2-23 CD40L\_up\_only  
IGLV3-19 CD40L\_up\_only  
IGLV3-1 CD40L\_up\_only  
IGLJ1 CD40L\_up\_only  
IGLC3 CD40L\_up\_only  
IGHE CD40L\_up\_only  
PDCL3P5 CD40L\_up\_only  
SUPT4H1 CD40L\_up\_only  
RPL7AP50 CD40L\_up\_only  
GNL3LP1 CD40L\_up\_only  
RAET1K CD40L\_up\_only  
ZGLP1 CD40L\_up\_only  
LINC01465 CD40L\_up\_only  
PGAM1P6 CD40L\_up\_only  
TNP01P1 CD40L\_up\_only  
NUTM2B-AS1 CD40L\_up\_only  
KCNMA1-AS3 CD40L\_up\_only  
MROCKI CD40L\_up\_only  
EEF1A1P11 CD40L\_up\_only  
ARL17B CD40L\_up\_only  
LINC02768 CD40L\_up\_only  
LINC01362 CD40L\_up\_only  
HNRNPA1P68 CD40L\_up\_only  
LINC01712 CD40L\_up\_only  
PRDX3P2 CD40L\_up\_only  
TRAF3IP2-AS1 CD40L\_up\_only  
C4BPAP2 CD40L\_up\_only  
ATP11A-AS1 CD40L\_up\_only  
TNF CD40L\_up\_only  
HNRNPA1P49 CD40L\_up\_only  
MAP3K5-AS1 CD40L\_up\_only  
USP27X-AS1 CD40L\_up\_only  
ERICH3-AS1 CD40L\_up\_only  
SETP9 CD40L\_up\_only  
C12orf75 CD40L\_up\_only  
LINC01055 CD40L\_up\_only  
ASH1L-AS1 CD40L\_up\_only  
CHCHD4P3 CD40L\_up\_only

TMSB4XP1 CD40L\_up\_only  
NONOP2 CD40L\_up\_only  
ZEB2-AS1 CD40L\_up\_only  
RNU7-45P CD40L\_up\_only  
IGKV1-17 CD40L\_up\_only  
RPS6P25 CD40L\_up\_only  
RN7SL328P CD40L\_up\_only  
RPL36A CD40L\_up\_only  
IGKV1-33 CD40L\_up\_only  
LINC00971 CD40L\_up\_only  
RPSAP26 CD40L\_up\_only  
APOBEC3C CD40L\_up\_only  
LINC02709 CD40L\_up\_only  
FRG1-DT CD40L\_up\_only  
LRP4-AS1 CD40L\_up\_only  
LINC01596 CD40L\_up\_only  
CTBP2P4 CD40L\_up\_only  
LINC02615 CD40L\_up\_only  
IGKV1D-39 CD40L\_up\_only  
RNU6-367P CD40L\_up\_only  
IGLL5 CD40L\_up\_only  
SYS1-DBNDD2 CD40L\_up\_only  
LINC00273 CD40L\_up\_only  
DENND11 CD40L\_up\_only  
MGAM CD40L\_up\_only  
SPESP1 CD40L\_up\_only  
LINC02316 CD40L\_up\_only  
LINC02490 CD40L\_up\_only  
SPDYE6 CD40L\_up\_only  
FBXL19-AS1 CD40L\_up\_only  
ADAMTS7P3 CD40L\_up\_only  
LINC01686 CD40L\_up\_only  
IKBKE CD40L\_up\_only  
DLGAP1-AS4 CD40L\_up\_only  
MIR4298 CD40L\_up\_only  
RN7SL405P CD40L\_up\_only  
MIR4540 CD40L\_up\_only  
TSP0AP1-AS1 CD40L\_up\_only  
MIR4476 CD40L\_up\_only  
LINC02132 CD40L\_up\_only  
SNORD11B CD40L\_up\_only  
LINC01215 CD40L\_up\_only  
RNA5SP108 CD40L\_up\_only  
RN7SL726P CD40L\_up\_only  
BMS1P14 CD40L\_up\_only  
RN7SL575P CD40L\_up\_only  
ARRDC3-AS1 CD40L\_up\_only  
PRR33 CD40L\_up\_only  
TPTEP2-CSNK1E CD40L\_up\_only  
FUCA2 BCR\_up\_only

LASP1	BCR_up_only
MATK	BCR_up_only
RHBDF1	BCR_up_only
RH0BTB2	BCR_up_only
CD22	BCR_up_only
XYLT2	BCR_up_only
AKAP11	BCR_up_only
SH2D2A	BCR_up_only
POU2F2	BCR_up_only
ATP6V0A1	BCR_up_only
THAP3	BCR_up_only
TNFRSF17	BCR_up_only
USP13	BCR_up_only
ANKS1A	BCR_up_only
NTHL1	BCR_up_only
KDM4A	BCR_up_only
SYT1	BCR_up_only
GBA2	BCR_up_only
NDST1	BCR_up_only
LMCD1	BCR_up_only
PTPN18	BCR_up_only
CIC	BCR_up_only
TDRD3	BCR_up_only
NOA1	BCR_up_only
ZNF213	BCR_up_only
GNAS	BCR_up_only
ERP29	BCR_up_only
NAT14	BCR_up_only
WHRN	BCR_up_only
NEFH	BCR_up_only
KIAA0930	BCR_up_only
IL2RB	BCR_up_only
PYGB	BCR_up_only
ABHD12	BCR_up_only
CTSZ	BCR_up_only
UBL4A	BCR_up_only
ACP5	BCR_up_only
HCFC1R1	BCR_up_only
MPG	BCR_up_only
NME4	BCR_up_only
METRN	BCR_up_only
CLUAP1	BCR_up_only
HOMER2	BCR_up_only
CCDC61	BCR_up_only
DNASE2	BCR_up_only
USF2	BCR_up_only
FKBP8	BCR_up_only
ERF	BCR_up_only
PIK3CG	BCR_up_only
PLEKHA8	BCR_up_only



IMPDH1	BCR_up_only
RPA3	BCR_up_only
ALDOC	BCR_up_only
CCDC34	BCR_up_only
KRT18	BCR_up_only
ACAD10	BCR_up_only
OAS2	BCR_up_only
RASAL1	BCR_up_only
ENO2	BCR_up_only
PTPN6	BCR_up_only
MAN1A1	BCR_up_only
RNF130	BCR_up_only
DBN1	BCR_up_only
ACTR8	BCR_up_only
BCL6	BCR_up_only
RAP1A	BCR_up_only
CD48	BCR_up_only
ID3	BCR_up_only
LRMP	BCR_up_only
PHF19	BCR_up_only
KDSR	BCR_up_only
LGALS1	BCR_up_only
TRIM25	BCR_up_only
CRY2	BCR_up_only
SEPTIN7	BCR_up_only
AGO2	BCR_up_only
USP22	BCR_up_only
DEK	BCR_up_only
MBOAT7	BCR_up_only
AHDC1	BCR_up_only
RAC2	BCR_up_only
THEM6	BCR_up_only
ANGPTL6	BCR_up_only
NFATC1	BCR_up_only
KCNC3	BCR_up_only
MGAT1	BCR_up_only
NDFIP1	BCR_up_only
C19orf57	BCR_up_only
FCRLA	BCR_up_only
TBC1D14	BCR_up_only
PRMT7	BCR_up_only
HMGB1P5	BCR_up_only
CD180	BCR_up_only
GSTM1	BCR_up_only
TAOK3	BCR_up_only
SPRY2	BCR_up_only
TTYH3	BCR_up_only
SLC31A1	BCR_up_only
ATP6V1G1	BCR_up_only
HINT2	BCR_up_only

ZSCAN9	BCR_up_only
MYOF	BCR_up_only
SLC39A8	BCR_up_only
RAB20	BCR_up_only
ITGAX	BCR_up_only
ZCCHC14	BCR_up_only
RANBP10	BCR_up_only
EVI5L	BCR_up_only
SH3BGRL3	BCR_up_only
LM04	BCR_up_only
CD53	BCR_up_only
FCRL5	BCR_up_only
OCIAD2	BCR_up_only
ANKRD31	BCR_up_only
FAM50B	BCR_up_only
DOK3	BCR_up_only
CRIP3	BCR_up_only
PLPP5	BCR_up_only
ADM	BCR_up_only
ENDOD1	BCR_up_only
SLX4IP	BCR_up_only
GRIK4	BCR_up_only
NUDT22	BCR_up_only
QDPR	BCR_up_only
RNF144A	BCR_up_only
RMND5A	BCR_up_only
ENAH	BCR_up_only
PIK3AP1	BCR_up_only
CCNB2	BCR_up_only
H2BC5	BCR_up_only
CD1C	BCR_up_only
SELENON	BCR_up_only
GFI1	BCR_up_only
H3-3A	BCR_up_only
KBTBD8	BCR_up_only
IFI16	BCR_up_only
MTMR14	BCR_up_only
FYC01	BCR_up_only
TEX264	BCR_up_only
DUSP7	BCR_up_only
GFM2	BCR_up_only
PEX2	BCR_up_only
HECTD2	BCR_up_only
SKA3	BCR_up_only
ARF6	BCR_up_only
PIP4P1	BCR_up_only
TPP1	BCR_up_only
ANKRD11	BCR_up_only
KLK1	BCR_up_only
KLK4	BCR_up_only

VWCE	BCR_up_only
PNOC	BCR_up_only
BMI1	BCR_up_only
SLC33A1	BCR_up_only
TM2D2	BCR_up_only
IRF2BP1	BCR_up_only
RNF139	BCR_up_only
MFN1	BCR_up_only
TADA3	BCR_up_only
GAA	BCR_up_only
LDHAL6B	BCR_up_only
QARS1	BCR_up_only
CXCR6	BCR_up_only
CERS6	BCR_up_only
VEGFB	BCR_up_only
DDIT3	BCR_up_only
LONRF3	BCR_up_only
RPS6KB2	BCR_up_only
MTHFR	BCR_up_only
DEAF1	BCR_up_only
HASPIN	BCR_up_only
GBA	BCR_up_only
CD151	BCR_up_only
DMAP1	BCR_up_only
COX14	BCR_up_only
DPM3	BCR_up_only
MAGED1	BCR_up_only
SEPHS2	BCR_up_only
H2BC4	BCR_up_only
D2HGDH	BCR_up_only
IDH2	BCR_up_only
PAPPA	BCR_up_only
BEGAIN	BCR_up_only
ZNRF3	BCR_up_only
CLECL1	BCR_up_only
KNTC1	BCR_up_only
RNLS	BCR_up_only
BRI3BP	BCR_up_only
IFNLR1	BCR_up_only
ROR1	BCR_up_only
ARHGAP30	BCR_up_only
GCNT1	BCR_up_only
TRPV2	BCR_up_only
FOCAD	BCR_up_only
HMGB1	BCR_up_only
TECPR2	BCR_up_only
GM2A	BCR_up_only
SERTAD1	BCR_up_only
ZNF398	BCR_up_only
H4C11	BCR_up_only

SERPINA1 BCR\_up\_only  
PELI1 BCR\_up\_only  
MPEG1 BCR\_up\_only  
CARD11 BCR\_up\_only  
ZNF627 BCR\_up\_only  
F5 BCR\_up\_only  
BHLHB9 BCR\_up\_only  
ARMCX6 BCR\_up\_only  
RNU6-212P BCR\_up\_only  
RNU6-979P BCR\_up\_only  
MDP1 BCR\_up\_only  
CPNE1 BCR\_up\_only  
BCAR3-AS1 BCR\_up\_only  
LINC01567 BCR\_up\_only  
KCNQ5-AS1 BCR\_up\_only  
KNOP1P4 BCR\_up\_only  
GPX1 BCR\_up\_only  
RNASEH1-AS1 BCR\_up\_only  
NFS1 BCR\_up\_only  
RN7SL211P BCR\_up\_only  
NEAT1 BCR\_up\_only  
FAM86EP BCR\_up\_only  
MIR2116 BCR\_up\_only  
SOX5-AS1 BCR\_up\_only  
CENPUP2 BCR\_up\_only  
NSFP1 BCR\_up\_only  
DYNLL2 BCR\_up\_only  
LINC01480 BCR\_up\_only  
PHACTR2P1 BCR\_up\_only  
H2AC14 BCR\_up\_only  
GLIDR BCR\_up\_only  
DPM1 COSTIM\_up  
GCLC COSTIM\_up  
NFYA COSTIM\_up  
LAS1L COSTIM\_up  
ENPP4 COSTIM\_up  
ANKIB1 COSTIM\_up  
CYP51A1 COSTIM\_up  
LAP3 COSTIM\_up  
MAD1L1 COSTIM\_up  
SNX11 COSTIM\_up  
M6PR COSTIM\_up  
ALS2 COSTIM\_up  
CFLAR COSTIM\_up  
ARF5 COSTIM\_up  
POLDIP2 COSTIM\_up  
AK2 COSTIM\_up  
FKBP4 COSTIM\_up  
KDM1A COSTIM\_up  
RECQL COSTIM\_up

NDUFAB1 COSTIM\_up  
ARX COSTIM\_up  
SLC25A13 COSTIM\_up  
ST7 COSTIM\_up  
HCCS COSTIM\_up  
DVL2 COSTIM\_up  
UPF1 COSTIM\_up  
SLC25A5 COSTIM\_up  
POLR2J COSTIM\_up  
DHX33 COSTIM\_up  
LIG3 COSTIM\_up  
RPAP3 COSTIM\_up  
CIAPIN1 COSTIM\_up  
GCFC2 COSTIM\_up  
IBTK COSTIM\_up  
MYCBP2 COSTIM\_up  
LAMP2 COSTIM\_up  
REX1BD COSTIM\_up  
CRLF1 COSTIM\_up  
AP2B1 COSTIM\_up  
ZNF263 COSTIM\_up  
RALA COSTIM\_up  
BAIAP2L1 COSTIM\_up  
AGK COSTIM\_up  
GGCT COSTIM\_up  
DBF4 COSTIM\_up  
IFRD1 COSTIM\_up  
COX10 COSTIM\_up  
GTF2IRD1 COSTIM\_up  
PAF1 COSTIM\_up  
ELAC2 COSTIM\_up  
PNPLA4 COSTIM\_up  
ADIPOR2 COSTIM\_up  
PRSS21 COSTIM\_up  
CCDC124 COSTIM\_up  
PAFAH1B1 COSTIM\_up  
KIAA0100 COSTIM\_up  
NA COSTIM\_up  
RPUSD1 COSTIM\_up  
TSR3 COSTIM\_up  
PIGQ COSTIM\_up  
TEAD3 COSTIM\_up  
DNAJC11 COSTIM\_up  
PSMB1 COSTIM\_up  
JARID2 COSTIM\_up  
NADK COSTIM\_up  
CYB561 COSTIM\_up  
SPAG9 COSTIM\_up  
CELSR3 COSTIM\_up  
SS18L2 COSTIM\_up

MPND	COSTIM_up
CRY1	COSTIM_up
NFIX	COSTIM_up
IL32	COSTIM_up
PKD1	COSTIM_up
MED24	COSTIM_up
RPS20	COSTIM_up
CSDE1	COSTIM_up
UBE3C	COSTIM_up
VTA1	COSTIM_up
BAZ1B	COSTIM_up
RANBP9	COSTIM_up
SPRTN	COSTIM_up
EEF1AKNMT	COSTIM_up
ZNF207	COSTIM_up
UQCRC1	COSTIM_up
STARD3NL	COSTIM_up
SCMH1	COSTIM_up
EL0A	COSTIM_up
LYPLA2	COSTIM_up
CLCN6	COSTIM_up
MRC2	COSTIM_up
NME1-NME2	COSTIM_up
BTBD7	COSTIM_up
APBA3	COSTIM_up
ABHD5	COSTIM_up
UTP18	COSTIM_up
PTBP1	COSTIM_up
LARS2	COSTIM_up
WIZ	COSTIM_up
PPP5C	COSTIM_up
ZBTB32	COSTIM_up
ERCC1	COSTIM_up
MBTPS2	COSTIM_up
PRICKLE3	COSTIM_up
MAP4K5	COSTIM_up
PSMC4	COSTIM_up
SLC25A39	COSTIM_up
MVP	COSTIM_up
POLR3B	COSTIM_up
RNF14	COSTIM_up
DNASE1L1	COSTIM_up
DDX11	COSTIM_up
POLA2	COSTIM_up
ZC3H3	COSTIM_up
MDH1	COSTIM_up
SLC30A9	COSTIM_up
ZMYND11	COSTIM_up
BID	COSTIM_up
MATR3	COSTIM_up

NUDCD3	COSTIM_up
GLT8D1	COSTIM_up
ATP2C1	COSTIM_up
IGF1	COSTIM_up
SLC38A5	COSTIM_up
RALBP1	COSTIM_up
RUFY3	COSTIM_up
AGPS	COSTIM_up
CXorf56	COSTIM_up
TTC27	COSTIM_up
CD74	COSTIM_up
NCDN	COSTIM_up
ZFP64	COSTIM_up
MNAT1	COSTIM_up
RUNX3	COSTIM_up
AQR	COSTIM_up
RTF2	COSTIM_up
GABRA1	COSTIM_up
RNF10	COSTIM_up
RNH1	COSTIM_up
NDUFS1	COSTIM_up
ALAS1	COSTIM_up
BIRC3	COSTIM_up
GLRX2	COSTIM_up
SNAPC1	COSTIM_up
STRAP	COSTIM_up
GCLM	COSTIM_up
RRAGD	COSTIM_up
HSF2	COSTIM_up
PHF20	COSTIM_up
TYMP	COSTIM_up
NCAPH2	COSTIM_up
TOMM34	COSTIM_up
KPNA6	COSTIM_up
VIM	COSTIM_up
RTEL1-TNFRSF6B	COSTIM_up
FAS	COSTIM_up
CD44	COSTIM_up
SLAMF7	COSTIM_up
MIPEP	COSTIM_up
IFNGR1	COSTIM_up
B4GALT7	COSTIM_up
VRK2	COSTIM_up
TNFRSF1B	COSTIM_up
VEZT	COSTIM_up
BRD9	COSTIM_up
SNX1	COSTIM_up
ARNTL2	COSTIM_up
BCLAF1	COSTIM_up
SLC39A9	COSTIM_up

BAK1 COSTIM\_up  
GRN COSTIM\_up  
ARHGAP31 COSTIM\_up  
SARS1 COSTIM\_up  
RANBP3 COSTIM\_up  
EIPR1 COSTIM\_up  
ALG1 COSTIM\_up  
ABCF2 COSTIM\_up  
CHPF2 COSTIM\_up  
UBA6 COSTIM\_up  
MAP2K3 COSTIM\_up  
GABARAPL2 COSTIM\_up  
FAM136A COSTIM\_up  
NSMAF COSTIM\_up  
RPL26L1 COSTIM\_up  
NSUN2 COSTIM\_up  
METTL1 COSTIM\_up  
PI4K2B COSTIM\_up  
EDC4 COSTIM\_up  
TRIO COSTIM\_up  
CLEC16A COSTIM\_up  
MTREX COSTIM\_up  
PHLPP2 COSTIM\_up  
SPDL1 COSTIM\_up  
CTNS COSTIM\_up  
PHF23 COSTIM\_up  
INPP4A COSTIM\_up  
PSMA4 COSTIM\_up  
LSG1 COSTIM\_up  
TDP1 COSTIM\_up  
AIFM2 COSTIM\_up  
AP2S1 COSTIM\_up  
ZPBP COSTIM\_up  
DCUN1D1 COSTIM\_up  
JADE2 COSTIM\_up  
CUL7 COSTIM\_up  
HSPA5 COSTIM\_up  
GEMIN8 COSTIM\_up  
ATP6V1H COSTIM\_up  
POLR2B COSTIM\_up  
TPR COSTIM\_up  
DTNBP1 COSTIM\_up  
MAP4 COSTIM\_up  
HDAC9 COSTIM\_up  
NOP16 COSTIM\_up  
ZNF800 COSTIM\_up  
MRPS10 COSTIM\_up  
CELF2 COSTIM\_up  
FAM120A COSTIM\_up  
R3HDM1 COSTIM\_up



ERCC8	COSTIM_up
PER3	COSTIM_up
TNFRSF9	COSTIM_up
RCN1	COSTIM_up
RFC2	COSTIM_up
CLPTM1L	COSTIM_up
NEDD4L	COSTIM_up
PTCD2	COSTIM_up
MCUR1	COSTIM_up
HERPUD1	COSTIM_up
HEBP2	COSTIM_up
MPHOSPH9	COSTIM_up
SIKE1	COSTIM_up
RRP12	COSTIM_up
MSM01	COSTIM_up
MRT04	COSTIM_up
USE1	COSTIM_up
TRAPPC3	COSTIM_up
THRAP3	COSTIM_up
PHPT1	COSTIM_up
LY75	COSTIM_up
CHRD12	COSTIM_up
RELT	COSTIM_up
NOP58	COSTIM_up
SZRD1	COSTIM_up
CUL1	COSTIM_up
TAB2	COSTIM_up
EIF2AK2	COSTIM_up
MRPL43	COSTIM_up
HPF1	COSTIM_up
ZFR	COSTIM_up
ZNF280C	COSTIM_up
TRAF1	COSTIM_up
SOAT1	COSTIM_up
GDI2	COSTIM_up
PRDM1	COSTIM_up
ATG5	COSTIM_up
TMCC3	COSTIM_up
PITHD1	COSTIM_up
SEC61A1	COSTIM_up
RASGRF1	COSTIM_up
POLR3E	COSTIM_up
RIOK2	COSTIM_up
NDC1	COSTIM_up
ALDH18A1	COSTIM_up
TARBP1	COSTIM_up
GATB	COSTIM_up
CDK17	COSTIM_up
DNAJC25	COSTIM_up
PSD	COSTIM_up

CTDP1	COSTIM_up
YBX3	COSTIM_up
WNK1	COSTIM_up
CCAR1	COSTIM_up
OGFR	COSTIM_up
PIGV	COSTIM_up
SNRNP40	COSTIM_up
QSER1	COSTIM_up
MPC1	COSTIM_up
BCAT1	COSTIM_up
MRPS35	COSTIM_up
SFSWAP	COSTIM_up
GPBP1	COSTIM_up
DGAT2	COSTIM_up
CS	COSTIM_up
MRPS24	COSTIM_up
ELM02	COSTIM_up
WAPL	COSTIM_up
VMP1	COSTIM_up
POLD1	COSTIM_up
EIF4B	COSTIM_up
RPL18	COSTIM_up
ISOC2	COSTIM_up
U2AF2	COSTIM_up
EPN1	COSTIM_up
AHRR	COSTIM_up
RNF4	COSTIM_up
INTS13	COSTIM_up
TAF2	COSTIM_up
TNP03	COSTIM_up
RFXANK	COSTIM_up
CTSA	COSTIM_up
SUGP2	COSTIM_up
DDX20	COSTIM_up
BCAS1	COSTIM_up
SBN02	COSTIM_up
PMS1	COSTIM_up
TAF11	COSTIM_up
AP3D1	COSTIM_up
UHRF1BP1	COSTIM_up
GNAI3	COSTIM_up
IP05	COSTIM_up
WDR3	COSTIM_up
WDR18	COSTIM_up
MCM10	COSTIM_up
KARS1	COSTIM_up
PDIA5	COSTIM_up
TBC1D22B	COSTIM_up
NDUFB4	COSTIM_up
SPEN	COSTIM_up

ZC3H15	COSTIM_up
SEC61A2	COSTIM_up
MTHFD2	COSTIM_up
SLC9A7	COSTIM_up
YBX1	COSTIM_up
ELAVL1	COSTIM_up
SMARCD1	COSTIM_up
NFYC	COSTIM_up
SLC9A3	COSTIM_up
CD84	COSTIM_up
ELOVL1	COSTIM_up
SPI1	COSTIM_up
ZNRD1	COSTIM_up
GOLGA5	COSTIM_up
LRRC40	COSTIM_up
ISOC1	COSTIM_up
TRMT11	COSTIM_up
MSANTD3	COSTIM_up
ARFGEF1	COSTIM_up
FECH	COSTIM_up
PFKP	COSTIM_up
IDI1	COSTIM_up
KLF6	COSTIM_up
PLPP1	COSTIM_up
TRAM1	COSTIM_up
PHKA1	COSTIM_up
STOML1	COSTIM_up
PKM	COSTIM_up
DHX29	COSTIM_up
DNTTIP2	COSTIM_up
RRP15	COSTIM_up
RHOA	COSTIM_up
IARS2	COSTIM_up
NAV3	COSTIM_up
IDH3G	COSTIM_up
HYAL2	COSTIM_up
HDAC4	COSTIM_up
COASY	COSTIM_up
TFE3	COSTIM_up
ACSL4	COSTIM_up
GPKOW	COSTIM_up
FTSJ1	COSTIM_up
POLR1A	COSTIM_up
TTC7A	COSTIM_up
SRBD1	COSTIM_up
KIF2A	COSTIM_up
PSME4	COSTIM_up
NUP133	COSTIM_up
NUCKS1	COSTIM_up
VPS35	COSTIM_up

DNAJA2	COSTIM_up
KCNAB2	COSTIM_up
FUNDC1	COSTIM_up
ATP1B3	COSTIM_up
MAPK6	COSTIM_up
HDHD5	COSTIM_up
UFD1	COSTIM_up
PHRF1	COSTIM_up
ELP1	COSTIM_up
EXOC5	COSTIM_up
RNF126	COSTIM_up
JMJD6	COSTIM_up
ASNS	COSTIM_up
ST6GALNAC2	COSTIM_up
PABPC1	COSTIM_up
CFAP20	COSTIM_up
CSNK2A2	COSTIM_up
EIF2B3	COSTIM_up
TCOF1	COSTIM_up
CDC42	COSTIM_up
SLC12A3	COSTIM_up
RAD18	COSTIM_up
NCK2	COSTIM_up
RPL31	COSTIM_up
WDR1	COSTIM_up
ING3	COSTIM_up
BUD23	COSTIM_up
SEL1L	COSTIM_up
TRIP13	COSTIM_up
ATP6AP1	COSTIM_up
TCF3	COSTIM_up
DAZAP1	COSTIM_up
MBD3	COSTIM_up
FAM50A	COSTIM_up
CPSF1	COSTIM_up
PDCD2	COSTIM_up
RDH11	COSTIM_up
ZFYVE26	COSTIM_up
TFRC	COSTIM_up
SREBF1	COSTIM_up
SMC1A	COSTIM_up
HSD17B10	COSTIM_up
HMMR	COSTIM_up
CHFR	COSTIM_up
TRNT1	COSTIM_up
STK10	COSTIM_up
FBXW11	COSTIM_up
EVC	COSTIM_up
DERL2	COSTIM_up
NDE1	COSTIM_up

AP1M1	COSTIM_up
PVR	COSTIM_up
SCARB1	COSTIM_up
MCM2	COSTIM_up
TP63	COSTIM_up
NLE1	COSTIM_up
SMARCE1	COSTIM_up
FERMT2	COSTIM_up
NSF	COSTIM_up
MRPS34	COSTIM_up
CLNS1A	COSTIM_up
EED	COSTIM_up
TSG101	COSTIM_up
MGLL	COSTIM_up
BCS1L	COSTIM_up
SLC24A1	COSTIM_up
SCARF1	COSTIM_up
LMAN1	COSTIM_up
EN01	COSTIM_up
MYDGF	COSTIM_up
TUBE1	COSTIM_up
TIPIN	COSTIM_up
SRI	COSTIM_up
EIF4G3	COSTIM_up
NUP37	COSTIM_up
TIMM21	COSTIM_up
RASAL2	COSTIM_up
VPS9D1	COSTIM_up
SLC25A3	COSTIM_up
FNDC3B	COSTIM_up
FSCN1	COSTIM_up
ACTB	COSTIM_up
DLG1	COSTIM_up
RAB7A	COSTIM_up
SART3	COSTIM_up
EXOSC7	COSTIM_up
MKRN2	COSTIM_up
MCM6	COSTIM_up
REX02	COSTIM_up
RBM7	COSTIM_up
PTPN23	COSTIM_up
MLH1	COSTIM_up
SPAG5	COSTIM_up
TRAF4	COSTIM_up
XAB2	COSTIM_up
MAP2K7	COSTIM_up
TM9SF3	COSTIM_up
NFKB2	COSTIM_up
UBE2T	COSTIM_up
GTF3C1	COSTIM_up

SNRPA	COSTIM_up
EXOSC5	COSTIM_up
DYNC1I2	COSTIM_up
SIRT6	COSTIM_up
CAPZB	COSTIM_up
SLC25A43	COSTIM_up
UBE2A	COSTIM_up
ARAF	COSTIM_up
LAMP3	COSTIM_up
UBE2K	COSTIM_up
TIGAR	COSTIM_up
SYNJ2	COSTIM_up
PMS2P1	COSTIM_up
GNB1	COSTIM_up
MLLT10	COSTIM_up
NRDC	COSTIM_up
VDAC3	COSTIM_up
SDF4	COSTIM_up
THOC1	COSTIM_up
XRCC5	COSTIM_up
REX01	COSTIM_up
SAR1A	COSTIM_up
SENP1	COSTIM_up
FDFT1	COSTIM_up
PAFAH1B3	COSTIM_up
PGM1	COSTIM_up
DDX1	COSTIM_up
EPB41L2	COSTIM_up
KEAP1	COSTIM_up
RIF1	COSTIM_up
RAB21	COSTIM_up
SRCAP	COSTIM_up
PUM3	COSTIM_up
CNOT4	COSTIM_up
CPOX	COSTIM_up
CLDND1	COSTIM_up
HSP90AA1	COSTIM_up
PCNP	COSTIM_up
UBA5	COSTIM_up
JMJD4	COSTIM_up
IL12RB2	COSTIM_up
WDR70	COSTIM_up
BZW1	COSTIM_up
ME2	COSTIM_up
C5orf22	COSTIM_up
MRPL22	COSTIM_up
GEMIN5	COSTIM_up
NFE2L1	COSTIM_up
GSK3B	COSTIM_up
ITGB5	COSTIM_up

XP01	COSTIM_up
PALB2	COSTIM_up
LYRM2	COSTIM_up
TNP01	COSTIM_up
PL0D1	COSTIM_up
DIS3	COSTIM_up
PIBF1	COSTIM_up
NUFIP1	COSTIM_up
CYLD	COSTIM_up
SLC27A5	COSTIM_up
ZNF324	COSTIM_up
RPS5	COSTIM_up
CHMP2B	COSTIM_up
PPIE	COSTIM_up
ZMPSTE24	COSTIM_up
STARD7	COSTIM_up
GSTP1	COSTIM_up
WBP11	COSTIM_up
EIF3I	COSTIM_up
TXLNA	COSTIM_up
RAB10	COSTIM_up
HADHA	COSTIM_up
CAD	COSTIM_up
CD59	COSTIM_up
CD82	COSTIM_up
AK6	COSTIM_up
MECOM	COSTIM_up
PREP	COSTIM_up
SEH1L	COSTIM_up
WDFY1	COSTIM_up
AKR1B1	COSTIM_up
RRN3	COSTIM_up
CTTN	COSTIM_up
MTIF2	COSTIM_up
EPS15	COSTIM_up
CHERP	COSTIM_up
POMGNT1	COSTIM_up
MAST2	COSTIM_up
DNAJA1	COSTIM_up
CHMP5	COSTIM_up
NFX1	COSTIM_up
DIMT1	COSTIM_up
IP011	COSTIM_up
EIF2AK1	COSTIM_up
EPDR1	COSTIM_up
SEPHS1	COSTIM_up
MRPL28	COSTIM_up
ITPKC	COSTIM_up
RBM22	COSTIM_up
TMED2	COSTIM_up

TXLNG	COSTIM_up
LAT2	COSTIM_up
HUWE1	COSTIM_up
ZW10	COSTIM_up
ALG9	COSTIM_up
ACOX3	COSTIM_up
MTMR2	COSTIM_up
PPP1R15A	COSTIM_up
TRIP6	COSTIM_up
ACHE	COSTIM_up
FTL	COSTIM_up
SRRT	COSTIM_up
BAX	COSTIM_up
ATXN7L3	COSTIM_up
PSMC5	COSTIM_up
OGFOD1	COSTIM_up
SH3BP2	COSTIM_up
NOP14	COSTIM_up
ADD1	COSTIM_up
L2HGDH	COSTIM_up
RTRAF	COSTIM_up
SF3B2	COSTIM_up
KLHL42	COSTIM_up
DNM1L	COSTIM_up
ERGIC2	COSTIM_up
PIR	COSTIM_up
METTLL2A	COSTIM_up
CNOT3	COSTIM_up
DDX18	COSTIM_up
KHSRP	COSTIM_up
TPX2	COSTIM_up
PDRG1	COSTIM_up
ANKRD10	COSTIM_up
COQ9	COSTIM_up
KIF9	COSTIM_up
CRLS1	COSTIM_up
ATRN	COSTIM_up
FKBP1A	COSTIM_up
NSFL1C	COSTIM_up
ZNF343	COSTIM_up
XRN2	COSTIM_up
DYNLL1	COSTIM_up
TESC	COSTIM_up
SNX5	COSTIM_up
RPL6	COSTIM_up
MAPKAPK5	COSTIM_up
P2RX7	COSTIM_up
ESF1	COSTIM_up
RBBP9	COSTIM_up
ANAPC5	COSTIM_up



SLC23A2	COSTIM_up
TMEM230	COSTIM_up
KDM2B	COSTIM_up
GCN1	COSTIM_up
RPLP0	COSTIM_up
TRMT6	COSTIM_up
PEBP1	COSTIM_up
BRAP	COSTIM_up
FUS	COSTIM_up
CDIP1	COSTIM_up
KCNH4	COSTIM_up
GANAB	COSTIM_up
MLF2	COSTIM_up
DDX24	COSTIM_up
DHX32	COSTIM_up
GPATCH2L	COSTIM_up
SLC9A1	COSTIM_up
SPTLC1	COSTIM_up
CCNK	COSTIM_up
RGS1	COSTIM_up
MRPS33	COSTIM_up
NDUFB2	COSTIM_up
NUDC	COSTIM_up
MAEA	COSTIM_up
ICAM1	COSTIM_up
STRN4	COSTIM_up
IRAK3	COSTIM_up
MUL1	COSTIM_up
TFAP4	COSTIM_up
PDCD7	COSTIM_up
DNAJB11	COSTIM_up
RAB11FIP3	COSTIM_up
GOLGA3	COSTIM_up
PABPC4	COSTIM_up
CERS4	COSTIM_up
EFNB1	COSTIM_up
AARS1	COSTIM_up
RBM27	COSTIM_up
PUS7	COSTIM_up
DLD	COSTIM_up
WDR7	COSTIM_up
TXNL1	COSTIM_up
CMTM6	COSTIM_up
MAP3K20	COSTIM_up
FH	COSTIM_up
CDV3	COSTIM_up
ALKBH5	COSTIM_up
SPAG7	COSTIM_up
ZC3HC1	COSTIM_up
ESR1	COSTIM_up

TMEM101 COSTIM\_up  
PSME1 COSTIM\_up  
PPP2R3C COSTIM\_up  
JPH4 COSTIM\_up  
RNF31 COSTIM\_up  
SCFD1 COSTIM\_up  
HECTD1 COSTIM\_up  
HNRNPC COSTIM\_up  
SUPT16H COSTIM\_up  
TOX4 COSTIM\_up  
TGM1 COSTIM\_up  
TINF2 COSTIM\_up  
TRPM7 COSTIM\_up  
WDR76 COSTIM\_up  
TBX15 COSTIM\_up  
PHGDH COSTIM\_up  
MYL6 COSTIM\_up  
AG01 COSTIM\_up  
CLSPN COSTIM\_up  
RFFL COSTIM\_up  
NUP50 COSTIM\_up  
CDC45 COSTIM\_up  
COMT COSTIM\_up  
ECHDC1 COSTIM\_up  
LRRFIP2 COSTIM\_up  
XYLB COSTIM\_up  
HDAC6 COSTIM\_up  
CDC6 COSTIM\_up  
CDC23 COSTIM\_up  
AAAS COSTIM\_up  
CBX5 COSTIM\_up  
MSH2 COSTIM\_up  
DHPS COSTIM\_up  
ARCN1 COSTIM\_up  
EPB41L4B COSTIM\_up  
TMEM38B COSTIM\_up  
PSMD5 COSTIM\_up  
NUP188 COSTIM\_up  
NANS COSTIM\_up  
BTAF1 COSTIM\_up  
WAC COSTIM\_up  
NUBP2 COSTIM\_up  
HIVEP1 COSTIM\_up  
FKBP5 COSTIM\_up  
SRPK1 COSTIM\_up  
BRPF3 COSTIM\_up  
MRPS18A COSTIM\_up  
HSP90AB1 COSTIM\_up  
CDC5L COSTIM\_up  
HNRNPH3 COSTIM\_up

ABL1	COSTIM_up
ACOT7	COSTIM_up
SH3GLB1	COSTIM_up
CDC7	COSTIM_up
SCD	COSTIM_up
TMED1	COSTIM_up
WASHC2A	COSTIM_up
PSMD8	COSTIM_up
FBXL19	COSTIM_up
SETD1A	COSTIM_up
BCL7C	COSTIM_up
ATP5F1D	COSTIM_up
IGFALS	COSTIM_up
HNRNPM	COSTIM_up
NDUFB7	COSTIM_up
TIMM13	COSTIM_up
CDC34	COSTIM_up
MTAP	COSTIM_up
CEP170B	COSTIM_up
POLR2E	COSTIM_up
POLRMT	COSTIM_up
IZUM04	COSTIM_up
GADD45B	COSTIM_up
MKNK2	COSTIM_up
TRMT2A	COSTIM_up
RANBP1	COSTIM_up
ZDHHC8	COSTIM_up
MED15	COSTIM_up
SNAP29	COSTIM_up
CRKL	COSTIM_up
LZTR1	COSTIM_up
SMARCB1	COSTIM_up
BCL2L13	COSTIM_up
DDT	COSTIM_up
SF3A1	COSTIM_up
SPECC1L	COSTIM_up
SNRPD3	COSTIM_up
PES1	COSTIM_up
PPM1F	COSTIM_up
MFNG	COSTIM_up
GGA1	COSTIM_up
HIRA	COSTIM_up
SH3BP1	COSTIM_up
LGALS1	COSTIM_up
SRRD	COSTIM_up
TFIP11	COSTIM_up
ANKRD54	COSTIM_up
EIF3L	COSTIM_up
SNU13	COSTIM_up
MICALL1	COSTIM_up

POLR2F	COSTIM_up
TCF20	COSTIM_up
TOMM22	COSTIM_up
XBP1	COSTIM_up
RTCB	COSTIM_up
POLDIP3	COSTIM_up
CYB5R3	COSTIM_up
RHBDD3	COSTIM_up
AP1B1	COSTIM_up
HMGXB4	COSTIM_up
MCAT	COSTIM_up
THOC5	COSTIM_up
TLL12	COSTIM_up
RPL3	COSTIM_up
ZMAT5	COSTIM_up
ASCC2	COSTIM_up
MIEF1	COSTIM_up
MYH9	COSTIM_up
SAMM50	COSTIM_up
TXN2	COSTIM_up
FOXRED2	COSTIM_up
EIF3D	COSTIM_up
CSF2RB	COSTIM_up
SLC25A17	COSTIM_up
ST13	COSTIM_up
RBX1	COSTIM_up
L3MBTL2	COSTIM_up
RANGAP1	COSTIM_up
ZC3H7B	COSTIM_up
PHF5A	COSTIM_up
AC02	COSTIM_up
POLR3H	COSTIM_up
TRMU	COSTIM_up
DESI1	COSTIM_up
BRD1	COSTIM_up
ZBED4	COSTIM_up
KHNYN	COSTIM_up
FKBP3	COSTIM_up
PRMT5	COSTIM_up
TRIM9	COSTIM_up
PSMC6	COSTIM_up
GNPNAT1	COSTIM_up
DDHD1	COSTIM_up
CNIH1	COSTIM_up
PSMA3	COSTIM_up
VTI1B	COSTIM_up
TIMM9	COSTIM_up
AHSA1	COSTIM_up
SNW1	COSTIM_up
ITPK1	COSTIM_up

DHRS7	COSTIM_up
PPM1A	COSTIM_up
CEP128	COSTIM_up
ERH	COSTIM_up
SUSD6	COSTIM_up
EIF5	COSTIM_up
ZFYVE21	COSTIM_up
MTHFD1	COSTIM_up
TEL02	COSTIM_up
GSKIP	COSTIM_up
PSMC1	COSTIM_up
PPP4R3A	COSTIM_up
PSMB5	COSTIM_up
YY1	COSTIM_up
ACIN1	COSTIM_up
CCNB1IP1	COSTIM_up
APEX1	COSTIM_up
PABPN1	COSTIM_up
CINP	COSTIM_up
SRP54	COSTIM_up
PCK2	COSTIM_up
PRORP	COSTIM_up
PSMA6	COSTIM_up
NFKBIA	COSTIM_up
EMC9	COSTIM_up
PSME2	COSTIM_up
BRMS1L	COSTIM_up
TM9SF1	COSTIM_up
SEC23A	COSTIM_up
PNN	COSTIM_up
RABGGTA	COSTIM_up
PLTP	COSTIM_up
GSS	COSTIM_up
TRPC4AP	COSTIM_up
GINS1	COSTIM_up
CD40	COSTIM_up
UQCC1	COSTIM_up
RAB5IF	COSTIM_up
NFATC2	COSTIM_up
PFDN4	COSTIM_up
CSTF1	COSTIM_up
RAE1	COSTIM_up
TPD52L2	COSTIM_up
DNAJC5	COSTIM_up
NELFCD	COSTIM_up
PRPF6	COSTIM_up
PRELID3B	COSTIM_up
MTG2	COSTIM_up
PSMA7	COSTIM_up
MRGBP	COSTIM_up

TCFL5	COSTIM_up
GID8	COSTIM_up
SLC17A9	COSTIM_up
ARFGAP1	COSTIM_up
C20orf27	COSTIM_up
ARFRP1	COSTIM_up
NDUFAF5	COSTIM_up
TRIB3	COSTIM_up
RASSF2	COSTIM_up
CSNK2A1	COSTIM_up
HM13	COSTIM_up
SIRPB1	COSTIM_up
SEC23B	COSTIM_up
TM9SF4	COSTIM_up
CRNKL1	COSTIM_up
POFUT1	COSTIM_up
KIF3B	COSTIM_up
NOP56	COSTIM_up
MANBAL	COSTIM_up
IDH3B	COSTIM_up
MAPRE1	COSTIM_up
JAG1	COSTIM_up
CDK5RAP1	COSTIM_up
TTI1	COSTIM_up
E2F1	COSTIM_up
RPRD1B	COSTIM_up
CHMP4B	COSTIM_up
ASIP	COSTIM_up
ACTR5	COSTIM_up
AHCY	COSTIM_up
DHX35	COSTIM_up
DNTTIP1	COSTIM_up
PIGU	COSTIM_up
APMAP	COSTIM_up
ADNP2	COSTIM_up
RBFA	COSTIM_up
USP14	COSTIM_up
VAPA	COSTIM_up
RNMT	COSTIM_up
MIB1	COSTIM_up
RBBP8	COSTIM_up
RIOK3	COSTIM_up
CSTF2	COSTIM_up
PSMD10	COSTIM_up
PGRMC1	COSTIM_up
POLA1	COSTIM_up
NKAP	COSTIM_up
NXT2	COSTIM_up
MCTS2P	COSTIM_up
PRPS2	COSTIM_up

SUV39H1	COSTIM_up
XIAP	COSTIM_up
CCDC22	COSTIM_up
NAA10	COSTIM_up
RENBP	COSTIM_up
PIM2	COSTIM_up
PQBP1	COSTIM_up
EMD	COSTIM_up
PGK1	COSTIM_up
MAGT1	COSTIM_up
SMS	COSTIM_up
EEA1	COSTIM_up
JADE3	COSTIM_up
CDK16	COSTIM_up
HTATSF1	COSTIM_up
RBM3	COSTIM_up
PBDC1	COSTIM_up
GLA	COSTIM_up
ARMCX3	COSTIM_up
NDFIP2	COSTIM_up
DNAJC3	COSTIM_up
ARHGEF7	COSTIM_up
MRPS31	COSTIM_up
SLC25A15	COSTIM_up
KPNA3	COSTIM_up
VWA8	COSTIM_up
INTS6	COSTIM_up
MGRN1	COSTIM_up
TRADD	COSTIM_up
HSF4	COSTIM_up
LYRM1	COSTIM_up
NUTF2	COSTIM_up
NUP93	COSTIM_up
CCL22	COSTIM_up
DHODH	COSTIM_up
CCL17	COSTIM_up
ACD	COSTIM_up
POLR2C	COSTIM_up
USB1	COSTIM_up
CYB5B	COSTIM_up
NME3	COSTIM_up
NDRG4	COSTIM_up
PSMD7	COSTIM_up
SETD6	COSTIM_up
SLC38A7	COSTIM_up
VAC14	COSTIM_up
MON1B	COSTIM_up
CMC2	COSTIM_up
AXIN1	COSTIM_up
NPRL3	COSTIM_up

TAF1C	COSTIM_up
USP10	COSTIM_up
ABCC1	COSTIM_up
NOM03	COSTIM_up
CLCN7	COSTIM_up
HAGHL	COSTIM_up
ANTKMT	COSTIM_up
SLC7A5	COSTIM_up
STUB1	COSTIM_up
NUBP1	COSTIM_up
UBE2I	COSTIM_up
EEF2K	COSTIM_up
CAPN15	COSTIM_up
PIEZ01	COSTIM_up
GSPT1	COSTIM_up
UBFD1	COSTIM_up
EARS2	COSTIM_up
ELOB	COSTIM_up
USP31	COSTIM_up
HMOX2	COSTIM_up
DNAJA3	COSTIM_up
BFAR	COSTIM_up
RRN3P2	COSTIM_up
RPGRIP1L	COSTIM_up
MAZ	COSTIM_up
STX4	COSTIM_up
BCKDK	COSTIM_up
KAT8	COSTIM_up
NOM01	COSTIM_up
IL21R	COSTIM_up
VPS35L	COSTIM_up
RNF40	COSTIM_up
KNOP1	COSTIM_up
AAGAB	COSTIM_up
LACTB	COSTIM_up
CSK	COSTIM_up
TRIP4	COSTIM_up
RAB11A	COSTIM_up
CTSH	COSTIM_up
FAH	COSTIM_up
RPAP1	COSTIM_up
EHD4	COSTIM_up
ZNF106	COSTIM_up
ATP8B4	COSTIM_up
GABPB1	COSTIM_up
DNAJC17	COSTIM_up
EIF3J	COSTIM_up
VPS18	COSTIM_up
CSPP1	COSTIM_up
BRF2	COSTIM_up



CA2	COSTIM_up
INTS9	COSTIM_up
RIPK2	COSTIM_up
NBN	COSTIM_up
TRPA1	COSTIM_up
IMPAD1	COSTIM_up
LAPTM4B	COSTIM_up
POP1	COSTIM_up
JPH1	COSTIM_up
STK3	COSTIM_up
GDAP1	COSTIM_up
RAB2A	COSTIM_up
EIF3E	COSTIM_up
EMC2	COSTIM_up
IL7	COSTIM_up
ARMC1	COSTIM_up
CHRAC1	COSTIM_up
SNX16	COSTIM_up
UBR5	COSTIM_up
TSTA3	COSTIM_up
PYCR3	COSTIM_up
EEF1D	COSTIM_up
SQLE	COSTIM_up
SLC39A14	COSTIM_up
MTMR9	COSTIM_up
LEPROTL1	COSTIM_up
DCTN6	COSTIM_up
R3HCC1	COSTIM_up
GSR	COSTIM_up
TNFRSF10A	COSTIM_up
UBXN8	COSTIM_up
PPP2CB	COSTIM_up
KLHDC4	COSTIM_up
MCM4	COSTIM_up
MAN2B1	COSTIM_up
KCNN4	COSTIM_up
HNRNPL	COSTIM_up
NFKBIB	COSTIM_up
SARS2	COSTIM_up
SNRNP70	COSTIM_up
CLPTM1	COSTIM_up
RELB	COSTIM_up
PPP1R37	COSTIM_up
ERCC2	COSTIM_up
DOT1L	COSTIM_up
PLEKHJ1	COSTIM_up
RNASEH2A	COSTIM_up
SF3A2	COSTIM_up
OAZ1	COSTIM_up
TRMT1	COSTIM_up

RSPH6A	COSTIM_up
TBC1D17	COSTIM_up
IL4I1	COSTIM_up
PTOV1	COSTIM_up
SGTA	COSTIM_up
C19orf53	COSTIM_up
TIMM44	COSTIM_up
FAM32A	COSTIM_up
PPP6R1	COSTIM_up
MED26	COSTIM_up
AKAP8	COSTIM_up
ILVBL	COSTIM_up
POP4	COSTIM_up
CCNE1	COSTIM_up
URI1	COSTIM_up
PDCD5	COSTIM_up
ANKRD27	COSTIM_up
RPS16	COSTIM_up
TIMM50	COSTIM_up
FBL	COSTIM_up
GPI	COSTIM_up
PIAS4	COSTIM_up
EBI3	COSTIM_up
YJU2	COSTIM_up
TBCB	COSTIM_up
POLR2I	COSTIM_up
SLC1A5	COSTIM_up
CACTIN	COSTIM_up
CCDC9	COSTIM_up
HNRNPUL1	COSTIM_up
TGFB1	COSTIM_up
DMAC2	COSTIM_up
MRPL4	COSTIM_up
RPS19	COSTIM_up
BABAM1	COSTIM_up
TYK2	COSTIM_up
CDC37	COSTIM_up
NAPA	COSTIM_up
MEGF8	COSTIM_up
GRWD1	COSTIM_up
PLA2G4C	COSTIM_up
TMEM205	COSTIM_up
BCAT2	COSTIM_up
MIER2	COSTIM_up
PPP2R1A	COSTIM_up
TNP02	COSTIM_up
WDR830S	COSTIM_up
GCDH	COSTIM_up
PRPF31	COSTIM_up
TFPT	COSTIM_up

JAK3	COSTIM_up
RPL18A	COSTIM_up
KCNN1	COSTIM_up
PIK3R2	COSTIM_up
ELL	COSTIM_up
COPE	COSTIM_up
DDX49	COSTIM_up
ARMC6	COSTIM_up
TMEM147	COSTIM_up
KXD1	COSTIM_up
SUGP1	COSTIM_up
PBX4	COSTIM_up
GSK3A	COSTIM_up
ATP13A1	COSTIM_up
ZNF574	COSTIM_up
SMG9	COSTIM_up
CDK6	COSTIM_up
PMPCB	COSTIM_up
DNAJC2	COSTIM_up
TFPI2	COSTIM_up
NAMPT	COSTIM_up
TWISTNB	COSTIM_up
WDR91	COSTIM_up
CBLL1	COSTIM_up
MTPN	COSTIM_up
STEAP1B	COSTIM_up
TTC26	COSTIM_up
OGDH	COSTIM_up
TFEC	COSTIM_up
CAV1	COSTIM_up
MET	COSTIM_up
DNAJB6	COSTIM_up
SSBP1	COSTIM_up
GARS1	COSTIM_up
CHCHD2	COSTIM_up
HSPB1	COSTIM_up
PDAP1	COSTIM_up
BUD31	COSTIM_up
PTCD1	COSTIM_up
EIF3B	COSTIM_up
SNX8	COSTIM_up
TAF6	COSTIM_up
AIMP2	COSTIM_up
RBM28	COSTIM_up
USP42	COSTIM_up
LSM5	COSTIM_up
AP1S1	COSTIM_up
ZNHIT1	COSTIM_up
PHF14	COSTIM_up
EZH2	COSTIM_up

MEST	COSTIM_up
MEOX2	COSTIM_up
AHR	COSTIM_up
CHCHD3	COSTIM_up
PSMA2	COSTIM_up
MRPL32	COSTIM_up
BLVRA	COSTIM_up
URGCP	COSTIM_up
TMEM248	COSTIM_up
RHEB	COSTIM_up
POLD2	COSTIM_up
BCL7B	COSTIM_up
YKT6	COSTIM_up
TBL2	COSTIM_up
CLIP2	COSTIM_up
EIF4H	COSTIM_up
FSD1L	COSTIM_up
TGFBR1	COSTIM_up
SEC61B	COSTIM_up
OGN	COSTIM_up
ECM2	COSTIM_up
SUSD1	COSTIM_up
CDC37L1	COSTIM_up
PLGRKT	COSTIM_up
NCS1	COSTIM_up
FUBP3	COSTIM_up
CREB3	COSTIM_up
EDF1	COSTIM_up
PIP5K1B	COSTIM_up
BAG1	COSTIM_up
RAPGEF1	COSTIM_up
EXOSC3	COSTIM_up
ZFAND5	COSTIM_up
DVL1	COSTIM_up
CCNJ	COSTIM_up
RASSF4	COSTIM_up
ERLIN1	COSTIM_up
EIF3A	COSTIM_up
TRDMT1	COSTIM_up
DDX50	COSTIM_up
MAPK8	COSTIM_up
SEC23IP	COSTIM_up
NSMCE4A	COSTIM_up
MICU1	COSTIM_up
CCSER2	COSTIM_up
TWNK	COSTIM_up
NPM3	COSTIM_up
GBF1	COSTIM_up
ARHGAP21	COSTIM_up
FBXL15	COSTIM_up

CUEDC2	COSTIM_up
LARP4B	COSTIM_up
GTPBP4	COSTIM_up
BCCIP	COSTIM_up
MTPAP	COSTIM_up
PITRM1	COSTIM_up
STN1	COSTIM_up
MAP3K8	COSTIM_up
GLRX3	COSTIM_up
TASOR2	COSTIM_up
XPNPEP1	COSTIM_up
SMC3	COSTIM_up
TFAM	COSTIM_up
CCDC6	COSTIM_up
CUL2	COSTIM_up
CCNY	COSTIM_up
UBE2S	COSTIM_up
RPL28	COSTIM_up
ZMIZ1	COSTIM_up
PPIF	COSTIM_up
NUFIP2	COSTIM_up
RPL19	COSTIM_up
UBTF	COSTIM_up
PSMD3	COSTIM_up
CASC3	COSTIM_up
RAD51C	COSTIM_up
MTMR4	COSTIM_up
DHX40	COSTIM_up
KPNB1	COSTIM_up
PNPO	COSTIM_up
CBX1	COSTIM_up
INTS2	COSTIM_up
CAMTA2	COSTIM_up
ENO3	COSTIM_up
PFN1	COSTIM_up
RNF167	COSTIM_up
SLC25A11	COSTIM_up
C1QBP	COSTIM_up
BLMH	COSTIM_up
GOSR1	COSTIM_up
CCDC47	COSTIM_up
DRG2	COSTIM_up
FTSJ3	COSTIM_up
SMARCD2	COSTIM_up
SYNGR2	COSTIM_up
UTP6	COSTIM_up
C17orf75	COSTIM_up
CYTH1	COSTIM_up
PSMD11	COSTIM_up
CCL2	COSTIM_up

PEX12	COSTIM_up
KAT2A	COSTIM_up
RAB5C	COSTIM_up
MLX	COSTIM_up
CNTNAP1	COSTIM_up
PPP1R9B	COSTIM_up
MRPL27	COSTIM_up
LRRRC59	COSTIM_up
EFTUD2	COSTIM_up
SLC16A6	COSTIM_up
YWHAE	COSTIM_up
MMD	COSTIM_up
RANGRF	COSTIM_up
DHRS7B	COSTIM_up
NAT9	COSTIM_up
TMEM104	COSTIM_up
TMEM97	COSTIM_up
UNC119	COSTIM_up
SUPT6H	COSTIM_up
RAB34	COSTIM_up
TMEM33	COSTIM_up
SLAIN2	COSTIM_up
OCIAD1	COSTIM_up
USP46	COSTIM_up
CRACD	COSTIM_up
LAMTOR3	COSTIM_up
NFKB1	COSTIM_up
UBE2D3	COSTIM_up
NDUFC1	COSTIM_up
ZNF330	COSTIM_up
GRPEL1	COSTIM_up
GAR1	COSTIM_up
CLCN3	COSTIM_up
DHX15	COSTIM_up
FBXW7	COSTIM_up
NSD2	COSTIM_up
SH3D19	COSTIM_up
MFSD10	COSTIM_up
UFSP2	COSTIM_up
UGDH	COSTIM_up
HTATIP2	COSTIM_up
CTSC	COSTIM_up
ZPR1	COSTIM_up
MTCH2	COSTIM_up
HSPA8	COSTIM_up
LPXN	COSTIM_up
DTX4	COSTIM_up
EHD1	COSTIM_up
OSBP	COSTIM_up
PUS3	COSTIM_up

DCPS	COSTIM_up
FOXRED1	COSTIM_up
CCND1	COSTIM_up
CCDC86	COSTIM_up
PRPF19	COSTIM_up
TMEM109	COSTIM_up
CHORDC1	COSTIM_up
ANAPC15	COSTIM_up
PANX1	COSTIM_up
CEP164	COSTIM_up
EIF4G2	COSTIM_up
UBE4A	COSTIM_up
DDX6	COSTIM_up
NECTIN1	COSTIM_up
PDHX	COSTIM_up
COMMD9	COSTIM_up
AMBRA1	COSTIM_up
PTPMT1	COSTIM_up
CARS1	COSTIM_up
SLC35F2	COSTIM_up
C11orf58	COSTIM_up
RPS13	COSTIM_up
AIP	COSTIM_up
NUP98	COSTIM_up
NDUFS8	COSTIM_up
CHKA	COSTIM_up
HPS5	COSTIM_up
GTF2H1	COSTIM_up
POU2AF1	COSTIM_up
PSMD9	COSTIM_up
PRPF40B	COSTIM_up
COQ5	COSTIM_up
KCTD10	COSTIM_up
MLEC	COSTIM_up
MVK	COSTIM_up
CAMKK2	COSTIM_up
ATP5F1B	COSTIM_up
PTGES3	COSTIM_up
BCL7A	COSTIM_up
RSRC2	COSTIM_up
CYP27B1	COSTIM_up
METAP2	COSTIM_up
WNT5B	COSTIM_up
MAG0HB	COSTIM_up
PRR4	COSTIM_up
ARPC3	COSTIM_up
GPN3	COSTIM_up
VPS29	COSTIM_up
SH2B3	COSTIM_up
NAA25	COSTIM_up

OGF0D2	COSTIM_up
CDK2AP1	COSTIM_up
OAS3	COSTIM_up
GTF2H3	COSTIM_up
EIF2B1	COSTIM_up
DDX55	COSTIM_up
SLC38A1	COSTIM_up
C12orf49	COSTIM_up
VDR	COSTIM_up
COPZ1	COSTIM_up
CAND1	COSTIM_up
NUP107	COSTIM_up
CN0T2	COSTIM_up
CPSF6	COSTIM_up
KRR1	COSTIM_up
MRPL51	COSTIM_up
GAPDH	COSTIM_up
NOP2	COSTIM_up
UHRF1BP1L	COSTIM_up
COPS7A	COSTIM_up
USP5	COSTIM_up
TPI1	COSTIM_up
SPSB2	COSTIM_up
ATN1	COSTIM_up
NT5DC3	COSTIM_up
GOLT1B	COSTIM_up
LDHB	COSTIM_up
CMAS	COSTIM_up
AICDA	COSTIM_up
RAB35	COSTIM_up
COX6A1	COSTIM_up
SRSF9	COSTIM_up
DSE	COSTIM_up
RWDD1	COSTIM_up
PAK1IP1	COSTIM_up
RNGTT	COSTIM_up
HDDC2	COSTIM_up
HINT3	COSTIM_up
UST	COSTIM_up
ULBP1	COSTIM_up
MTRF1L	COSTIM_up
KCTD20	COSTIM_up
SRSF3	COSTIM_up
SOD2	COSTIM_up
MRPL18	COSTIM_up
MCM3	COSTIM_up
RNF8	COSTIM_up
PHACTR1	COSTIM_up
CD83	COSTIM_up
MDN1	COSTIM_up



BAG2	COSTIM_up
CCNC	COSTIM_up
E2F3	COSTIM_up
PTP4A1	COSTIM_up
ASCC3	COSTIM_up
ACOT13	COSTIM_up
SMAP1	COSTIM_up
RPS12	COSTIM_up
C6orf62	COSTIM_up
GMNN	COSTIM_up
SNX3	COSTIM_up
HBS1L	COSTIM_up
PEX7	COSTIM_up
ZBTB24	COSTIM_up
ARFGEF3	COSTIM_up
EPM2A	COSTIM_up
SLC39A7	COSTIM_up
CUTA	COSTIM_up
QKI	COSTIM_up
TFEB	COSTIM_up
BYSL	COSTIM_up
TBP	COSTIM_up
PPP2R5D	COSTIM_up
MRPL2	COSTIM_up
SRF	COSTIM_up
DNPH1	COSTIM_up
DUSP22	COSTIM_up
EXOC2	COSTIM_up
COX7A2	COSTIM_up
TMEM30A	COSTIM_up
GMDS	COSTIM_up
VEGFA	COSTIM_up
PRPF4B	COSTIM_up
SLC29A1	COSTIM_up
FBRSL1	COSTIM_up
NUDT12	COSTIM_up
HMGCS1	COSTIM_up
DAP	COSTIM_up
MRPS30	COSTIM_up
HSPA9	COSTIM_up
MRPS27	COSTIM_up
PFDN1	COSTIM_up
SLC4A9	COSTIM_up
LOX	COSTIM_up
IK	COSTIM_up
HMGCR	COSTIM_up
THG1L	COSTIM_up
ARSB	COSTIM_up
CLINT1	COSTIM_up
CNOT6	COSTIM_up

TTC1	COSTIM_up
POLR3G	COSTIM_up
DROSHA	COSTIM_up
LMNB1	COSTIM_up
GOLPH3	COSTIM_up
SUB1	COSTIM_up
TARS1	COSTIM_up
RAD1	COSTIM_up
BRIX1	COSTIM_up
PRLR	COSTIM_up
RAD50	COSTIM_up
ST8SIA4	COSTIM_up
GNPDA1	COSTIM_up
SKP1	COSTIM_up
NUP155	COSTIM_up
PPP2CA	COSTIM_up
TRAPPC13	COSTIM_up
SEC24A	COSTIM_up
TXNDC15	COSTIM_up
RARS1	COSTIM_up
MACROH2A1	COSTIM_up
TCERG1	COSTIM_up
CSNK1A1	COSTIM_up
HMGXB3	COSTIM_up
ATP6V0E1	COSTIM_up
BNIP1	COSTIM_up
SELENOK	COSTIM_up
TIMMDC1	COSTIM_up
CD86	COSTIM_up
NIT2	COSTIM_up
FAM162A	COSTIM_up
KPNA1	COSTIM_up
PCCB	COSTIM_up
UBE3A	COSTIM_up
ARMC8	COSTIM_up
RNF7	COSTIM_up
COL7A1	COSTIM_up
PRKAR2A	COSTIM_up
HES1	COSTIM_up
USP4	COSTIM_up
TFG	COSTIM_up
TUSC2	COSTIM_up
RPL24	COSTIM_up
C3orf14	COSTIM_up
FXR1	COSTIM_up
GBE1	COSTIM_up
UMPS	COSTIM_up
NCBP2	COSTIM_up
SNX4	COSTIM_up
PLXNA1	COSTIM_up

ATP6V1A COSTIM\_up  
PODXL2 COSTIM\_up  
KLHL18 COSTIM\_up  
SCAP COSTIM\_up  
MRPL3 COSTIM\_up  
MAPKAPK3 COSTIM\_up  
COMMD2 COSTIM\_up  
RRP9 COSTIM\_up  
EIF1B COSTIM\_up  
ABHD14A-ACY1 COSTIM\_up  
SSR3 COSTIM\_up  
FOXP1 COSTIM\_up  
EIF4G1 COSTIM\_up  
SPCS1 COSTIM\_up  
NEK4 COSTIM\_up  
IN080D COSTIM\_up  
EEF1B2 COSTIM\_up  
DGUOK COSTIM\_up  
MOB1A COSTIM\_up  
IL1A COSTIM\_up  
FAHD2A COSTIM\_up  
NCL COSTIM\_up  
ACTR1B COSTIM\_up  
ACTR3 COSTIM\_up  
SF3B6 COSTIM\_up  
MPV17 COSTIM\_up  
GTF3C2 COSTIM\_up  
EIF2B4 COSTIM\_up  
NRBP1 COSTIM\_up  
PSMD14 COSTIM\_up  
SNX17 COSTIM\_up  
PPM1G COSTIM\_up  
IFIH1 COSTIM\_up  
RPS15 COSTIM\_up  
IN080B COSTIM\_up  
MOGS COSTIM\_up  
NDUFS7 COSTIM\_up  
PCGF1 COSTIM\_up  
AUP1 COSTIM\_up  
HTRA2 COSTIM\_up  
LOXL3 COSTIM\_up  
POLE4 COSTIM\_up  
MRPL19 COSTIM\_up  
LANCL1 COSTIM\_up  
WDR75 COSTIM\_up  
FANCL COSTIM\_up  
FN1 COSTIM\_up  
STAT1 COSTIM\_up  
GLS COSTIM\_up  
CCT4 COSTIM\_up

TXNDC9	COSTIM_up
COQ10B	COSTIM_up
SF3B1	COSTIM_up
CHST10	COSTIM_up
PDCL3	COSTIM_up
HSPE1	COSTIM_up
PLCD4	COSTIM_up
ZNF142	COSTIM_up
IL1R1	COSTIM_up
CNPPD1	COSTIM_up
UXS1	COSTIM_up
ABCB6	COSTIM_up
STK16	COSTIM_up
HDLBP	COSTIM_up
PPP1R7	COSTIM_up
PASK	COSTIM_up
STK25	COSTIM_up
ID2	COSTIM_up
TAF1B	COSTIM_up
ODC1	COSTIM_up
NOL10	COSTIM_up
PLEKHB2	COSTIM_up
GORASP2	COSTIM_up
CEBPZ	COSTIM_up
DCAF17	COSTIM_up
RAB3GAP1	COSTIM_up
SLC25A12	COSTIM_up
DARS1	COSTIM_up
SRSF7	COSTIM_up
KYNU	COSTIM_up
COX7A2L	COSTIM_up
PN01	COSTIM_up
PLEK	COSTIM_up
ATF2	COSTIM_up
THADA	COSTIM_up
AAK1	COSTIM_up
ARID3A	COSTIM_up
SUM01	COSTIM_up
GRIN3B	COSTIM_up
NFE2L2	COSTIM_up
MSH6	COSTIM_up
SPR	COSTIM_up
FARSB	COSTIM_up
BCL9	COSTIM_up
DHCR24	COSTIM_up
MARK1	COSTIM_up
CACYBP	COSTIM_up
SCP2	COSTIM_up
CEP104	COSTIM_up
FAM20B	COSTIM_up

LRR42	COSTIM_up
MRPL37	COSTIM_up
ICMT	COSTIM_up
RPL22	COSTIM_up
CHD5	COSTIM_up
PARK7	COSTIM_up
AMPD2	COSTIM_up
SRSF4	COSTIM_up
MECR	COSTIM_up
EDEM3	COSTIM_up
WDR77	COSTIM_up
ATP5PB	COSTIM_up
HDAC1	COSTIM_up
CAPZA1	COSTIM_up
SCAMP3	COSTIM_up
DLGAP3	COSTIM_up
SFPQ	COSTIM_up
ARHGEF2	COSTIM_up
LAMTOR2	COSTIM_up
MEF2D	COSTIM_up
SRM	COSTIM_up
FBX06	COSTIM_up
MAD2L2	COSTIM_up
IVNS1ABP	COSTIM_up
MFN2	COSTIM_up
MIIP	COSTIM_up
SMG7	COSTIM_up
NCF2	COSTIM_up
R060	COSTIM_up
UCHL5	COSTIM_up
BCAS2	COSTIM_up
AGMAT	COSTIM_up
PLEKHM2	COSTIM_up
CRYZ	COSTIM_up
PHTF1	COSTIM_up
ZBTB17	COSTIM_up
CD58	COSTIM_up
TTF2	COSTIM_up
KIF21B	COSTIM_up
ADPRHL2	COSTIM_up
MAP7D1	COSTIM_up
WARS2	COSTIM_up
MRPS15	COSTIM_up
GNPAT	COSTIM_up
TSNAX	COSTIM_up
C1orf109	COSTIM_up
RRAGC	COSTIM_up
NID1	COSTIM_up
MTR	COSTIM_up
RIMS3	COSTIM_up

ETV3	COSTIM_up
ACADM	COSTIM_up
SLAMF1	COSTIM_up
ADGRL2	COSTIM_up
SDHB	COSTIM_up
RPF1	COSTIM_up
UAP1	COSTIM_up
KLHL12	COSTIM_up
ZNHIT6	COSTIM_up
RBBP5	COSTIM_up
GBP1	COSTIM_up
PINK1-AS	COSTIM_up
CDK18	COSTIM_up
RAB29	COSTIM_up
ECE1	COSTIM_up
GALE	COSTIM_up
PRPF3	COSTIM_up
APH1A	COSTIM_up
EBNA1BP2	COSTIM_up
CDC20	COSTIM_up
IP013	COSTIM_up
ATP6V0B	COSTIM_up
B4GALT2	COSTIM_up
ERI3	COSTIM_up
PTCH2	COSTIM_up
AKR1A1	COSTIM_up
PRDX1	COSTIM_up
PIK3R3	COSTIM_up
SLC19A2	COSTIM_up
FAAH	COSTIM_up
NSUN4	COSTIM_up
DR1	COSTIM_up
PRRC2C	COSTIM_up
DPH5	COSTIM_up
PRDX6	COSTIM_up
DARS2	COSTIM_up
UTP25	COSTIM_up
RCAN3	COSTIM_up
MTFR1L	COSTIM_up
RPS6KA1	COSTIM_up
DHDDS	COSTIM_up
ARID1A	COSTIM_up
RPA2	COSTIM_up
PPP1R8	COSTIM_up
CD3EAP	COSTIM_up
RCN2	COSTIM_up
CTSD	COSTIM_up
STK11	COSTIM_up
KPTN	COSTIM_up
RPS25	COSTIM_up

CAMSAP2	COSTIM_up
ATF6	COSTIM_up
MREG	COSTIM_up
FASTKD2	COSTIM_up
NRP2	COSTIM_up
KLF7	COSTIM_up
B4GALT6	COSTIM_up
ATP10B	COSTIM_up
SPCS2	COSTIM_up
UBE3D	COSTIM_up
ANKRD13C	COSTIM_up
ZC2HC1B	COSTIM_up
PLAGL1	COSTIM_up
FBX030	COSTIM_up
TNFAIP3	COSTIM_up
SGK1	COSTIM_up
MED28	COSTIM_up
RXYLT1	COSTIM_up
VAMP8	COSTIM_up
DCLRE1B	COSTIM_up
MYL12B	COSTIM_up
RPN2	COSTIM_up
TGIF2	COSTIM_up
CCNI	COSTIM_up
RARRES1	COSTIM_up
MFSD1	COSTIM_up
RAB3GAP2	COSTIM_up
EEF2KMT	COSTIM_up
UBN1	COSTIM_up
UCHL3	COSTIM_up
LDAH	COSTIM_up
CCND2	COSTIM_up
ELL2	COSTIM_up
CYP20A1	COSTIM_up
NDUFB3	COSTIM_up
GTF3C3	COSTIM_up
TJP2	COSTIM_up
CPSF3	COSTIM_up
SEN5	COSTIM_up
HEATR1	COSTIM_up
RAD23B	COSTIM_up
ABITRAM	COSTIM_up
SET	COSTIM_up
GLE1	COSTIM_up
RAB14	COSTIM_up
FBXW2	COSTIM_up
NEK6	COSTIM_up
PPP6C	COSTIM_up
NDUFA8	COSTIM_up
RBM18	COSTIM_up

MAPKAP1	COSTIM_up
ALG2	COSTIM_up
ZBTB45	COSTIM_up
DCAF4	COSTIM_up
FCF1	COSTIM_up
NEK9	COSTIM_up
ACOT2	COSTIM_up
AREL1	COSTIM_up
MLH3	COSTIM_up
SLIRP	COSTIM_up
RBM25	COSTIM_up
EIF2B2	COSTIM_up
NRDE2	COSTIM_up
GPR75	COSTIM_up
SUPT7L	COSTIM_up
DNMT3A	COSTIM_up
TMEM214	COSTIM_up
FAM98A	COSTIM_up
IDE	COSTIM_up
GPAM	COSTIM_up
SMNDC1	COSTIM_up
HELLS	COSTIM_up
TCTN3	COSTIM_up
KCNIP2	COSTIM_up
GOT1	COSTIM_up
PANK3	COSTIM_up
RCL1	COSTIM_up
CAAP1	COSTIM_up
CD274	COSTIM_up
NUP43	COSTIM_up
MTHFD1L	COSTIM_up
PCMT1	COSTIM_up
CYSTM1	COSTIM_up
WDR55	COSTIM_up
CENPL	COSTIM_up
ACAT2	COSTIM_up
TCP1	COSTIM_up
MSANTD2	COSTIM_up
PDZD11	COSTIM_up
NUDCD1	COSTIM_up
ENY2	COSTIM_up
KIAA1217	COSTIM_up
TAF12	COSTIM_up
TNFSF11	COSTIM_up
DNAJC15	COSTIM_up
PROSER1	COSTIM_up
UFM1	COSTIM_up
WBP4	COSTIM_up
HSPH1	COSTIM_up
ALG5	COSTIM_up



EXOSC8	COSTIM_up
ETF1	COSTIM_up
SIL1	COSTIM_up
SERP1	COSTIM_up
UTP20	COSTIM_up
TMP0	COSTIM_up
ARL1	COSTIM_up
MTERF2	COSTIM_up
SOCS2	COSTIM_up
DUSP4	COSTIM_up
TNFRSF10B	COSTIM_up
SORBS3	COSTIM_up
PPP3CC	COSTIM_up
PDLIM2	COSTIM_up
UBIAD1	COSTIM_up
TARDBP	COSTIM_up
TNFRSF8	COSTIM_up
ZNF706	COSTIM_up
LYPLA1	COSTIM_up
COPS5	COSTIM_up
AKAP1	COSTIM_up
COIL	COSTIM_up
SLC35B1	COSTIM_up
PYROXD1	COSTIM_up
LHX4	COSTIM_up
RNF2	COSTIM_up
SEC22A	COSTIM_up
B4GALT4	COSTIM_up
NAA50	COSTIM_up
CD80	COSTIM_up
DESI2	COSTIM_up
ZCCHC17	COSTIM_up
KHDRBS1	COSTIM_up
TMEM39B	COSTIM_up
ZNF639	COSTIM_up
PDS5A	COSTIM_up
LIAS	COSTIM_up
GTDC1	COSTIM_up
ZRANB3	COSTIM_up
RPL21	COSTIM_up
GTF3A	COSTIM_up
RASL11A	COSTIM_up
FYTTD1	COSTIM_up
MRPS2	COSTIM_up
COPA	COSTIM_up
RBBP6	COSTIM_up
ZC3H7A	COSTIM_up
SHLD2	COSTIM_up
PRXL2A	COSTIM_up
RPL5	COSTIM_up

TRMT13 COSTIM\_up  
RPAP2 COSTIM\_up  
PMS2 COSTIM\_up  
ZMIZ2 COSTIM\_up  
CBX3 COSTIM\_up  
HNRNPA2B1 COSTIM\_up  
INHBA COSTIM\_up  
ARL4A COSTIM\_up  
CCZ1 COSTIM\_up  
MRM2 COSTIM\_up  
SMU1 COSTIM\_up  
SLC25A51 COSTIM\_up  
CLTA COSTIM\_up  
DCAF10 COSTIM\_up  
PLAU COSTIM\_up  
SRGN COSTIM\_up  
CISD1 COSTIM\_up  
ECD COSTIM\_up  
P4HA1 COSTIM\_up  
SLC25A16 COSTIM\_up  
ZWINT COSTIM\_up  
VPS26A COSTIM\_up  
RBM19 COSTIM\_up  
DDX54 COSTIM\_up  
CDKN2C COSTIM\_up  
RNF11 COSTIM\_up  
ACOT9 COSTIM\_up  
PRDX4 COSTIM\_up  
DDX39A COSTIM\_up  
PKN1 COSTIM\_up  
TRIR COSTIM\_up  
ADGRE5 COSTIM\_up  
GIPC1 COSTIM\_up  
SPRYD7 COSTIM\_up  
EBPL COSTIM\_up  
ZC3H13 COSTIM\_up  
NLN COSTIM\_up  
OPTN COSTIM\_up  
ATF1 COSTIM\_up  
TSFM COSTIM\_up  
SPATS2 COSTIM\_up  
ORMDL2 COSTIM\_up  
ATG101 COSTIM\_up  
IKZF4 COSTIM\_up  
TUBA1B COSTIM\_up  
EEF1AKMT3 COSTIM\_up  
KBTBD4 COSTIM\_up  
ATPAF1 COSTIM\_up  
AMD1 COSTIM\_up  
NDUFAF4 COSTIM\_up

MORF4L2 COSTIM\_up  
RAB9A COSTIM\_up  
NMI COSTIM\_up  
SLC36A1 COSTIM\_up  
BATF3 COSTIM\_up  
G0S2 COSTIM\_up  
RAP2C COSTIM\_up  
EXOSC9 COSTIM\_up  
PLA2G12A COSTIM\_up  
CKS2 COSTIM\_up  
ACSL3 COSTIM\_up  
CHPF COSTIM\_up  
DNPEP COSTIM\_up  
ENKD1 COSTIM\_up  
TTPAL COSTIM\_up  
PREX1 COSTIM\_up  
NCOA5 COSTIM\_up  
VAPB COSTIM\_up  
ATP5F1E COSTIM\_up  
TOX2 COSTIM\_up  
SRSF6 COSTIM\_up  
ARFGEF2 COSTIM\_up  
ZNF576 COSTIM\_up  
CSE1L COSTIM\_up  
RAB22A COSTIM\_up  
STAU1 COSTIM\_up  
MOCS3 COSTIM\_up  
DDX27 COSTIM\_up  
KCNK15 COSTIM\_up  
MTRR COSTIM\_up  
FASTKD3 COSTIM\_up  
PEPD COSTIM\_up  
VAMP7 COSTIM\_up  
STAMPB COSTIM\_up  
SNRNP27 COSTIM\_up  
MPHOSPH10 COSTIM\_up  
ZNF576 COSTIM\_up  
BTN2A2 COSTIM\_up  
MRS2 COSTIM\_up  
WRNIP1 COSTIM\_up  
RRP36 COSTIM\_up  
SNRPC COSTIM\_up  
XP05 COSTIM\_up  
ABCC10 COSTIM\_up  
PEX6 COSTIM\_up  
AARS2 COSTIM\_up  
RPS10 COSTIM\_up  
MAD2L1BP COSTIM\_up  
MEA1 COSTIM\_up  
CDKN1A COSTIM\_up

GL01	COSTIM_up
CPNE5	COSTIM_up
RREB1	COSTIM_up
SSR1	COSTIM_up
RIOK1	COSTIM_up
RPP40	COSTIM_up
ATXN1	COSTIM_up
NUP153	COSTIM_up
EEF1E1	COSTIM_up
RUNX2	COSTIM_up
AHNAK	COSTIM_up
EMC3	COSTIM_up
CNOT1	COSTIM_up
GOT2	COSTIM_up
RAP2A	COSTIM_up
ABCC4	COSTIM_up
HROB	COSTIM_up
UPF3B	COSTIM_up
NDUFA1	COSTIM_up
FAM193A	COSTIM_up
MRPS7	COSTIM_up
GGA3	COSTIM_up
NUP85	COSTIM_up
SLC25A19	COSTIM_up
NT5C	COSTIM_up
MST01	COSTIM_up
C1orf61	COSTIM_up
GTF3C4	COSTIM_up
DDX31	COSTIM_up
PPP1R12C	COSTIM_up
PPDPF	COSTIM_up
IL1B	COSTIM_up
CHCHD5	COSTIM_up
POLR1B	COSTIM_up
GTF2F1	COSTIM_up
CLPP	COSTIM_up
MED1	COSTIM_up
RPL23	COSTIM_up
CD70	COSTIM_up
TRIP10	COSTIM_up
TNFSF14	COSTIM_up
OPA3	COSTIM_up
SNRPD2	COSTIM_up
EML2	COSTIM_up
VASP	COSTIM_up
SYMPK	COSTIM_up
GZF1	COSTIM_up
CENPB	COSTIM_up
PSMF1	COSTIM_up
DTD1	COSTIM_up

RBCK1	COSTIM_up
STK35	COSTIM_up
SNRPB	COSTIM_up
DSTN	COSTIM_up
SNRPB2	COSTIM_up
ITPA	COSTIM_up
MCM8	COSTIM_up
MRPS26	COSTIM_up
NCLN	COSTIM_up
HNRNPR	COSTIM_up
ARMCX5	COSTIM_up
RALY	COSTIM_up
DYNLRB1	COSTIM_up
EIF2S2	COSTIM_up
ERGIC3	COSTIM_up
ROM01	COSTIM_up
PLAGL2	COSTIM_up
PSMB2	COSTIM_up
AG03	COSTIM_up
UROD	COSTIM_up
PCID2	COSTIM_up
CAPNS1	COSTIM_up
PDCD2L	COSTIM_up
RBM42	COSTIM_up
KIRREL2	COSTIM_up
UBA2	COSTIM_up
FFAR1	COSTIM_up
COX6B1	COSTIM_up
CCR7	COSTIM_up
PRDX5	COSTIM_up
BCL2L12	COSTIM_up
PRMT1	COSTIM_up
SCAF1	COSTIM_up
SBDS	COSTIM_up
STAT5A	COSTIM_up
BECN1	COSTIM_up
TRAP1	COSTIM_up
NSRP1	COSTIM_up
DNAJC8	COSTIM_up
ZNF384	COSTIM_up
EMG1	COSTIM_up
UXT	COSTIM_up
ELK1	COSTIM_up
TIMM17B	COSTIM_up
PCNX4	COSTIM_up
KTN1	COSTIM_up
TRMT5	COSTIM_up
NUP214	COSTIM_up
MAP2K2	COSTIM_up
HNRNPH2	COSTIM_up

TIMM8A	COSTIM_up
CANX	COSTIM_up
INTS11	COSTIM_up
IPPK	COSTIM_up
OMD	COSTIM_up
HIVEP3	COSTIM_up
COX7C	COSTIM_up
TRAF2	COSTIM_up
ABHD8	COSTIM_up
RAP1B	COSTIM_up
RAB3IP	COSTIM_up
YEATS4	COSTIM_up
TRPV5	COSTIM_up
PIN1	COSTIM_up
EMC1	COSTIM_up
UBR4	COSTIM_up
ADGRE2	COSTIM_up
SIN3B	COSTIM_up
SLC35E1	COSTIM_up
UQCR11	COSTIM_up
GFER	COSTIM_up
WDR24	COSTIM_up
CHTF18	COSTIM_up
TUBBP1	COSTIM_up
MACF1	COSTIM_up
SMARCA4	COSTIM_up
TICAM1	COSTIM_up
EMC6	COSTIM_up
METTL16	COSTIM_up
AAMP	COSTIM_up
RNF6	COSTIM_up
ECHS1	COSTIM_up
GNG11	COSTIM_up
SEM1	COSTIM_up
POR	COSTIM_up
STYXL1	COSTIM_up
MTERF1	COSTIM_up
ZFP36	COSTIM_up
SRD5A3	COSTIM_up
PAICS	COSTIM_up
PPAT	COSTIM_up
TUBGCP6	COSTIM_up
ADM2	COSTIM_up
DGCR8	COSTIM_up
SDF2L1	COSTIM_up
YWHAH	COSTIM_up
MGAT3	COSTIM_up
ATF4	COSTIM_up
A4GALT	COSTIM_up
EMC4	COSTIM_up

ATP6V1F	COSTIM_up
LSM8	COSTIM_up
STRIP2	COSTIM_up
IFT22	COSTIM_up
LRRC4	COSTIM_up
CALU	COSTIM_up
IRF5	COSTIM_up
NDUFA5	COSTIM_up
MRPS12	COSTIM_up
MTX2	COSTIM_up
EIF2S2P4	COSTIM_up
HAT1	COSTIM_up
PSMG2	COSTIM_up
IN080	COSTIM_up
ICE2	COSTIM_up
KNSTRN	COSTIM_up
DUT	COSTIM_up
CHAC1	COSTIM_up
CLN6	COSTIM_up
ARPP19	COSTIM_up
CALML4	COSTIM_up
ANAPC13	COSTIM_up
COPB1	COSTIM_up
PSMA1	COSTIM_up
SUMF2	COSTIM_up
SPCS3	COSTIM_up
DCTD	COSTIM_up
USP6	COSTIM_up
PLD2	COSTIM_up
CD68	COSTIM_up
TXNDC17	COSTIM_up
KIF1C	COSTIM_up
MPDU1	COSTIM_up
CCNT1	COSTIM_up
PUS7L	COSTIM_up
KRI1	COSTIM_up
ILF3	COSTIM_up
NGDN	COSTIM_up
DTD2	COSTIM_up
SNX6	COSTIM_up
EGLN3	COSTIM_up
NEDD8	COSTIM_up
DAD1	COSTIM_up
MAP7D3	COSTIM_up
TTI2	COSTIM_up
CHRNA10	COSTIM_up
KLF16	COSTIM_up
DOHH	COSTIM_up
ABHD17A	COSTIM_up
CBFA2T3	COSTIM_up

GALNT8	COSTIM_up
CRACR2A	COSTIM_up
GNL3L	COSTIM_up
ECSIT	COSTIM_up
LDLR	COSTIM_up
ELOF1	COSTIM_up
TOMM40	COSTIM_up
APOC1	COSTIM_up
GADD45G	COSTIM_up
XP07	COSTIM_up
RPL36	COSTIM_up
KIF1A	COSTIM_up
GTPBP3	COSTIM_up
BST2	COSTIM_up
NSUN5	COSTIM_up
DDA1	COSTIM_up
PGLS	COSTIM_up
LSM7	COSTIM_up
SNX9	COSTIM_up
MLLT1	COSTIM_up
ACTN4	COSTIM_up
STK33	COSTIM_up
NDUFA10	COSTIM_up
ARPC1B	COSTIM_up
UBAC1	COSTIM_up
ZBTB46	COSTIM_up
SAMD10	COSTIM_up
LSP1	COSTIM_up
COL5A1	COSTIM_up
ATXN10	COSTIM_up
TUBGCP2	COSTIM_up
CEP85	COSTIM_up
ADRM1	COSTIM_up
ASS1	COSTIM_up
EXOSC2	COSTIM_up
UCK1	COSTIM_up
CHMP2A	COSTIM_up
UBE2M	COSTIM_up
TRIM28	COSTIM_up
METTTL26	COSTIM_up
YIPF2	COSTIM_up
EIF2S3	COSTIM_up
TMEM160	COSTIM_up
ZC3H4	COSTIM_up
LRRC47	COSTIM_up
SESN2	COSTIM_up
ATP5IF1	COSTIM_up
CLIP1	COSTIM_up
ZNF317	COSTIM_up
PPAN	COSTIM_up



EIF3G	COSTIM_up
DNMT1	COSTIM_up
ZNF426	COSTIM_up
DKC1	COSTIM_up
PLXNA3	COSTIM_up
NOL11	COSTIM_up
UBE4B	COSTIM_up
CASZ1	COSTIM_up
UBA1	COSTIM_up
AKAP12	COSTIM_up
LATS1	COSTIM_up
AAR2	COSTIM_up
RBM39	COSTIM_up
ZNF341	COSTIM_up
ATP6V1E1	COSTIM_up
COX4I1	COSTIM_up
EMC8	COSTIM_up
CHMP1A	COSTIM_up
COX7B	COSTIM_up
CAP1	COSTIM_up
PPT1	COSTIM_up
RLIM	COSTIM_up
TRAF3	COSTIM_up
MRPS25	COSTIM_up
RFTN1	COSTIM_up
SLC6A6	COSTIM_up
NR1H2	COSTIM_up
KIF3A	COSTIM_up
TUBG1	COSTIM_up
PSME3	COSTIM_up
RPL27	COSTIM_up
PSMC3IP	COSTIM_up
AOC3	COSTIM_up
ACLY	COSTIM_up
VPS25	COSTIM_up
AOC2	COSTIM_up
NDUFA2	COSTIM_up
DIAPH1	COSTIM_up
UBE2D2	COSTIM_up
C1orf159	COSTIM_up
PPFIA1	COSTIM_up
KREMEN2	COSTIM_up
THOC6	COSTIM_up
TRAF7	COSTIM_up
NINJ1	COSTIM_up
MAP1B	COSTIM_up
IL13RA1	COSTIM_up
WDR44	COSTIM_up
ZCCHC9	COSTIM_up
RARA	COSTIM_up

KHDRBS3	COSTIM_up
CHD1L	COSTIM_up
PEX11B	COSTIM_up
PDHA1	COSTIM_up
MCCC2	COSTIM_up
SELENOS	COSTIM_up
SNRPA1	COSTIM_up
THAP1	COSTIM_up
C19orf12	COSTIM_up
ACTR10	COSTIM_up
GCH1	COSTIM_up
LGALS3	COSTIM_up
DNAJB1	COSTIM_up
ZSWIM4	COSTIM_up
FBXW9	COSTIM_up
TRIM21	COSTIM_up
LRRC41	COSTIM_up
DHX30	COSTIM_up
HSD17B7	COSTIM_up
ENOSF1	COSTIM_up
EMILIN2	COSTIM_up
SLX1A	COSTIM_up
ARFIP2	COSTIM_up
RRP8	COSTIM_up
PTCD3	COSTIM_up
IMMT	COSTIM_up
MRPL35	COSTIM_up
ILKAP	COSTIM_up
PER2	COSTIM_up
PTPRE	COSTIM_up
RAN	COSTIM_up
CLUH	COSTIM_up
MYBBP1A	COSTIM_up
RPA1	COSTIM_up
UBE2G1	COSTIM_up
EEFSEC	COSTIM_up
C0Q3	COSTIM_up
SEC61G	COSTIM_up
LANCL2	COSTIM_up
FIGNL1	COSTIM_up
GRSF1	COSTIM_up
ANKRD17	COSTIM_up
UTP3	COSTIM_up
WBP2	COSTIM_up
H3-3B	COSTIM_up
ZRANB2	COSTIM_up
EIF5A	COSTIM_up
KDM6B	COSTIM_up
GPS2	COSTIM_up
RIDA	COSTIM_up

MATN2	COSTIM_up
ERAL1	COSTIM_up
NIP7	COSTIM_up
VPS4A	COSTIM_up
PCNA	COSTIM_up
NXT1	COSTIM_up
POLR3F	COSTIM_up
DAP3	COSTIM_up
KHDC4	COSTIM_up
MMACHC	COSTIM_up
DPH2	COSTIM_up
TOE1	COSTIM_up
NASP	COSTIM_up
MUTYH	COSTIM_up
CTNBL1	COSTIM_up
ZBED3	COSTIM_up
DCTN4	COSTIM_up
MTUS2	COSTIM_up
XP04	COSTIM_up
POMP	COSTIM_up
CDK8	COSTIM_up
PENT	COSTIM_up
SC01	COSTIM_up
SPART	COSTIM_up
RFC3	COSTIM_up
BEX2	COSTIM_up
TCEAL4	COSTIM_up
FAM104A	COSTIM_up
SLC39A11	COSTIM_up
SRRM1	COSTIM_up
ZNF414	COSTIM_up
HSPBP1	COSTIM_up
CNDP2	COSTIM_up
MACROD1	COSTIM_up
WDR74	COSTIM_up
MYH11	COSTIM_up
MED10	COSTIM_up
MORC2	COSTIM_up
AGAP3	COSTIM_up
KRBA1	COSTIM_up
ACTR3B	COSTIM_up
C12orf29	COSTIM_up
ATP13A3	COSTIM_up
KRAS	COSTIM_up
IP08	COSTIM_up
LARS1	COSTIM_up
CCDC59	COSTIM_up
SWAP70	COSTIM_up
AMPD3	COSTIM_up
DPF2	COSTIM_up

MEN1	COSTIM_up
ERG28	COSTIM_up
COX16	COSTIM_up
MED6	COSTIM_up
EIF2S1	COSTIM_up
ELP3	COSTIM_up
ADAMDEC1	COSTIM_up
CTIF	COSTIM_up
MBD2	COSTIM_up
IER3IP1	COSTIM_up
MRPS36	COSTIM_up
CCNB1	COSTIM_up
CDK7	COSTIM_up
THUMPD3	COSTIM_up
BHLHE40	COSTIM_up
ARL8B	COSTIM_up
EDEM1	COSTIM_up
MEIS2	COSTIM_up
DPH6	COSTIM_up
EMC7	COSTIM_up
PRPF38B	COSTIM_up
LAMTOR5	COSTIM_up
TRIM45	COSTIM_up
NAPG	COSTIM_up
FKBP11	COSTIM_up
ARF3	COSTIM_up
TMEM106C	COSTIM_up
SLC38A2	COSTIM_up
YWHAQ	COSTIM_up
LDHA	COSTIM_up
CDC73	COSTIM_up
TIMM17A	COSTIM_up
NARS1	COSTIM_up
RBM17	COSTIM_up
IL2RA	COSTIM_up
ECHDC3	COSTIM_up
IL15RA	COSTIM_up
TMEM241	COSTIM_up
SOX5	COSTIM_up
PRH2	COSTIM_up
RBMX2	COSTIM_up
PUM1	COSTIM_up
YARS1	COSTIM_up
GNL2	COSTIM_up
BTF3L4	COSTIM_up
PRPF38A	COSTIM_up
RNF138	COSTIM_up
TPGS2	COSTIM_up
SLC43A3	COSTIM_up
TIMM10	COSTIM_up

DHX34	COSTIM_up
FADS2	COSTIM_up
TMEM258	COSTIM_up
TMEM165	COSTIM_up
CLOCK	COSTIM_up
STT3A	COSTIM_up
KLB	COSTIM_up
TMED7	COSTIM_up
WDR36	COSTIM_up
RFK	COSTIM_up
UBQLN1	COSTIM_up
C9orf40	COSTIM_up
AGTPBP1	COSTIM_up
PSAT1	COSTIM_up
P2RX4	COSTIM_up
DTX1	COSTIM_up
TRAFD1	COSTIM_up
HILPDA	COSTIM_up
RINT1	COSTIM_up
KCP	COSTIM_up
TES	COSTIM_up
MDFIC	COSTIM_up
SYNCRIP	COSTIM_up
ORC3	COSTIM_up
LM02	COSTIM_up
NAT10	COSTIM_up
CAPRIN1	COSTIM_up
ATP5MC2	COSTIM_up
DNAJC14	COSTIM_up
CD63	COSTIM_up
FAM186B	COSTIM_up
BLOC1S1	COSTIM_up
CDK4	COSTIM_up
TSPAN31	COSTIM_up
B4GALNT1	COSTIM_up
TFCP2	COSTIM_up
ESPL1	COSTIM_up
HNRNPA1	COSTIM_up
ACVR1B	COSTIM_up
LTV1	COSTIM_up
CD164	COSTIM_up
SMPD2	COSTIM_up
MICAL1	COSTIM_up
STX11	COSTIM_up
TEC	COSTIM_up
CCT7	COSTIM_up
SMYD5	COSTIM_up
EMX1	COSTIM_up
GNS	COSTIM_up
MDM2	COSTIM_up

MPH0SPH6 COSTIM\_up  
DYNC1LI2 COSTIM\_up  
FH0D1 COSTIM\_up  
CCDC102A COSTIM\_up  
SLC9A5 COSTIM\_up  
URB2 COSTIM\_up  
COG2 COSTIM\_up  
NTPCR COSTIM\_up  
TAF5L COSTIM\_up  
STX6 COSTIM\_up  
DHX9 COSTIM\_up  
KIAA1614 COSTIM\_up  
NIBAN1 COSTIM\_up  
GPR55 COSTIM\_up  
MRPL44 COSTIM\_up  
DOCK10 COSTIM\_up  
TTLL4 COSTIM\_up  
USP37 COSTIM\_up  
HTR2B COSTIM\_up  
SERPINE2 COSTIM\_up  
EIF4E2 COSTIM\_up  
ARMC9 COSTIM\_up  
CAB39 COSTIM\_up  
COX5B COSTIM\_up  
TGFBRAP1 COSTIM\_up  
MRPS9 COSTIM\_up  
C2orf49 COSTIM\_up  
ISCU COSTIM\_up  
ALDH1L2 COSTIM\_up  
SCYL2 COSTIM\_up  
PLXNC1 COSTIM\_up  
PWP1 COSTIM\_up  
DRAM1 COSTIM\_up  
SLC41A2 COSTIM\_up  
VILL COSTIM\_up  
TBC1D4 COSTIM\_up  
LRCH1 COSTIM\_up  
SUCLA2 COSTIM\_up  
MED4 COSTIM\_up  
PHF11 COSTIM\_up  
NUDT15 COSTIM\_up  
LCP1 COSTIM\_up  
GPNMB COSTIM\_up  
RAC1 COSTIM\_up  
KDEL2 COSTIM\_up  
IL6 COSTIM\_up  
BZW2 COSTIM\_up  
TBRG4 COSTIM\_up  
DDX56 COSTIM\_up  
MYO1G COSTIM\_up

TTC5	COSTIM_up
ZFHX2	COSTIM_up
MTHFS	COSTIM_up
ADAMTS7	COSTIM_up
IREB2	COSTIM_up
ALPK3	COSTIM_up
RSAD1	COSTIM_up
NMT1	COSTIM_up
SRSF1	COSTIM_up
TAC01	COSTIM_up
TEX2	COSTIM_up
DCAF7	COSTIM_up
ACTL6A	COSTIM_up
MRPL47	COSTIM_up
TRA2B	COSTIM_up
EPRS1	COSTIM_up
IL10	COSTIM_up
RPS6KC1	COSTIM_up
CBWD2	COSTIM_up
IL36G	COSTIM_up
SMPD4	COSTIM_up
WDR33	COSTIM_up
IMP4	COSTIM_up
HS6ST1	COSTIM_up
UGGT1	COSTIM_up
GYPC	COSTIM_up
ABI1	COSTIM_up
YME1L1	COSTIM_up
TXN	COSTIM_up
ODF2	COSTIM_up
ECPAS	COSTIM_up
C9orf78	COSTIM_up
SMC2	COSTIM_up
TOR1A	COSTIM_up
SLC2A8	COSTIM_up
PRPF4	COSTIM_up
FPGS	COSTIM_up
TEX10	COSTIM_up
MRPL50	COSTIM_up
DPM2	COSTIM_up
WDR38	COSTIM_up
TSTD2	COSTIM_up
PSMB7	COSTIM_up
RABEPK	COSTIM_up
ANP32B	COSTIM_up
RPL35	COSTIM_up
ARPC5L	COSTIM_up
DERL1	COSTIM_up
MYC	COSTIM_up
DMAC1	COSTIM_up

POLR1E	COSTIM_up
PLAA	COSTIM_up
UBAP2	COSTIM_up
APTX	COSTIM_up
TLN1	COSTIM_up
DNAJB5	COSTIM_up
DCTN3	COSTIM_up
GRHPR	COSTIM_up
ALDH1B1	COSTIM_up
DENND4C	COSTIM_up
RPS6	COSTIM_up
FOXP4	COSTIM_up
PPIL1	COSTIM_up
PIM1	COSTIM_up
CMTR1	COSTIM_up
TMEM14B	COSTIM_up
TMEM63B	COSTIM_up
TJAP1	COSTIM_up
IRF4	COSTIM_up
TUBB2A	COSTIM_up
TUBB2B	COSTIM_up
UQCC2	COSTIM_up
HMGA1	COSTIM_up
IER3	COSTIM_up
MDC1	COSTIM_up
ATAT1	COSTIM_up
MTCH1	COSTIM_up
VARS2	COSTIM_up
CPEB2	COSTIM_up
THAP12	COSTIM_up
LRRC32	COSTIM_up
NARS2	COSTIM_up
RNF121	COSTIM_up
MRPL15	COSTIM_up
GGH	COSTIM_up
SLC05A1	COSTIM_up
TGS1	COSTIM_up
SDCBP	COSTIM_up
BUD13	COSTIM_up
DCUN1D5	COSTIM_up
SLC37A4	COSTIM_up
RDX	COSTIM_up
C11orf1	COSTIM_up
CASP1	COSTIM_up
ALKBH8	COSTIM_up
SQOR	COSTIM_up
SLTM	COSTIM_up
NDUFAF1	COSTIM_up
HAUS2	COSTIM_up
RPLP1	COSTIM_up



TUBGCP4	COSTIM_up
RMDN3	COSTIM_up
RSL24D1	COSTIM_up
BCAR3	COSTIM_up
GTF2B	COSTIM_up
RABGGTB	COSTIM_up
IFI44L	COSTIM_up
RTCA	COSTIM_up
SELENOI	COSTIM_up
HADHB	COSTIM_up
ADCY3	COSTIM_up
PNPT1	COSTIM_up
THUMPD2	COSTIM_up
RAB1A	COSTIM_up
ACTR2	COSTIM_up
PREB	COSTIM_up
SLC5A6	COSTIM_up
ATRAID	COSTIM_up
CENPO	COSTIM_up
LRPPRC	COSTIM_up
ACTR1A	COSTIM_up
ATAD1	COSTIM_up
DUSP5	COSTIM_up
DBR1	COSTIM_up
ANXA7	COSTIM_up
ZNF365	COSTIM_up
RPS24	COSTIM_up
ATIC	COSTIM_up
ASNSD1	COSTIM_up
METTL5	COSTIM_up
SSB	COSTIM_up
PPIG	COSTIM_up
FASTKD1	COSTIM_up
OLA1	COSTIM_up
WDR12	COSTIM_up
COX17	COSTIM_up
PARP9	COSTIM_up
SPPL2A	COSTIM_up
SHF	COSTIM_up
INTS14	COSTIM_up
PPCDC	COSTIM_up
SEMA7A	COSTIM_up
AP1AR	COSTIM_up
COPS4	COSTIM_up
HNRNPD	COSTIM_up
SEC31A	COSTIM_up
LARP1B	COSTIM_up
NUP54	COSTIM_up
CXCL9	COSTIM_up
BMP2K	COSTIM_up

G3BP2	COSTIM_up
SEPTIN11	COSTIM_up
USO1	COSTIM_up
PPA2	COSTIM_up
GSTCD	COSTIM_up
INTS12	COSTIM_up
SEC24B	COSTIM_up
RNF185	COSTIM_up
KIF21A	COSTIM_up
CPNE8	COSTIM_up
YARS2	COSTIM_up
SINHCAF	COSTIM_up
AEBP2	COSTIM_up
ETNK1	COSTIM_up
ZCRB1	COSTIM_up
NDUFA9	COSTIM_up
PEX5	COSTIM_up
AMIG02	COSTIM_up
LLPH	COSTIM_up
SNRPF	COSTIM_up
ASCL1	COSTIM_up
SLC15A4	COSTIM_up
TDG	COSTIM_up
RITA1	COSTIM_up
MMAB	COSTIM_up
GLTP	COSTIM_up
NUP58	COSTIM_up
MTMR6	COSTIM_up
SLC7A1	COSTIM_up
TARBP2	COSTIM_up
NABP2	COSTIM_up
KANSL2	COSTIM_up
C12orf10	COSTIM_up
TMBIM6	COSTIM_up
ANKRD52	COSTIM_up
ESD	COSTIM_up
SBN01	COSTIM_up
SETD1B	COSTIM_up
VPS33A	COSTIM_up
RHOF	COSTIM_up
DENR	COSTIM_up
RBM26	COSTIM_up
ZIC5	COSTIM_up
CUL4A	COSTIM_up
TMX1	COSTIM_up
NAA30	COSTIM_up
WDR89	COSTIM_up
WARS1	COSTIM_up
NIPA2	COSTIM_up
MFAP1	COSTIM_up

SORD	COSTIM_up
SERF2	COSTIM_up
ZSCAN29	COSTIM_up
BNIP2	COSTIM_up
GTF2A2	COSTIM_up
SRP14	COSTIM_up
BAHD1	COSTIM_up
ANP32A	COSTIM_up
ETFA	COSTIM_up
BCL2A1	COSTIM_up
WDR61	COSTIM_up
MAN2C1	COSTIM_up
DNAJA4	COSTIM_up
TLNRD1	COSTIM_up
PML	COSTIM_up
CYP1A1	COSTIM_up
CELF6	COSTIM_up
SCAMP2	COSTIM_up
HAPLN3	COSTIM_up
POLG	COSTIM_up
ABHD2	COSTIM_up
ZNF710	COSTIM_up
UNC45A	COSTIM_up
SEC11A	COSTIM_up
GLYR1	COSTIM_up
PMM2	COSTIM_up
ARMC5	COSTIM_up
UQCRC2	COSTIM_up
ARHGAP17	COSTIM_up
DHX38	COSTIM_up
TXNL4B	COSTIM_up
CPNE2	COSTIM_up
NLRC5	COSTIM_up
KATNB1	COSTIM_up
GCSH	COSTIM_up
MAP1LC3B	COSTIM_up
RHOT2	COSTIM_up
RPS2	COSTIM_up
NDUFB10	COSTIM_up
COPS3	COSTIM_up
MYOCD	COSTIM_up
KSR1	COSTIM_up
UTP4	COSTIM_up
GFOD2	COSTIM_up
NOB1	COSTIM_up
C17orf80	COSTIM_up
VPS53	COSTIM_up
NPEPPS	COSTIM_up
G6PC3	COSTIM_up
CLTC	COSTIM_up

PTRH2	COSTIM_up
TAF4B	COSTIM_up
AFG3L2	COSTIM_up
SLC39A6	COSTIM_up
C18orf21	COSTIM_up
GALNT1	COSTIM_up
PELP1	COSTIM_up
WRAP53	COSTIM_up
PIK3R5	COSTIM_up
TP53	COSTIM_up
ARHGDI A	COSTIM_up
EIF4A3	COSTIM_up
ANAPC11	COSTIM_up
RPTOR	COSTIM_up
FOXK2	COSTIM_up
TRIM65	COSTIM_up
RNF157	COSTIM_up
CEP131	COSTIM_up
WDR45B	COSTIM_up
DYM	COSTIM_up
MBD1	COSTIM_up
PMAIP1	COSTIM_up
NT5C3B	COSTIM_up
MIEN1	COSTIM_up
TXNL4A	COSTIM_up
SAMD1	COSTIM_up
BRD4	COSTIM_up
SLC39A3	COSTIM_up
NFIC	COSTIM_up
PRDM15	COSTIM_up
FEM1A	COSTIM_up
DUS3L	COSTIM_up
DPP9	COSTIM_up
CCDC97	COSTIM_up
HUNK	COSTIM_up
SOD1	COSTIM_up
SCYL1	COSTIM_up
APP	COSTIM_up
URB1	COSTIM_up
AKT1	COSTIM_up
EMP3	COSTIM_up
SAE1	COSTIM_up
GEMIN7	COSTIM_up
CAPN10	COSTIM_up
ERVK3-1	COSTIM_up
ZNF787	COSTIM_up
CARM1	COSTIM_up
PSMB6	COSTIM_up
ACP4	COSTIM_up
ZNF473	COSTIM_up

RPL13A	COSTIM_up
CTU1	COSTIM_up
NOSIP	COSTIM_up
ZNF614	COSTIM_up
EFHD2	COSTIM_up
PEX14	COSTIM_up
PGD	COSTIM_up
RPL11	COSTIM_up
ZNF593	COSTIM_up
C1orf216	COSTIM_up
GPN2	COSTIM_up
SERBP1	COSTIM_up
RPS8	COSTIM_up
IGSF3	COSTIM_up
STRIP1	COSTIM_up
PSMA5	COSTIM_up
ITGA10	COSTIM_up
TIPRL	COSTIM_up
POGK	COSTIM_up
UCK2	COSTIM_up
TMC01	COSTIM_up
UFC1	COSTIM_up
SDHC	COSTIM_up
PFDN2	COSTIM_up
PRCC	COSTIM_up
MRPL24	COSTIM_up
ISG20L2	COSTIM_up
CRABP2	COSTIM_up
HDGF	COSTIM_up
ABL2	COSTIM_up
RGS16	COSTIM_up
RGL1	COSTIM_up
SF3B4	COSTIM_up
TARS2	COSTIM_up
SETDB1	COSTIM_up
MCL1	COSTIM_up
RFX5	COSTIM_up
PIP5K1A	COSTIM_up
ANP32E	COSTIM_up
CERS2	COSTIM_up
ENSA	COSTIM_up
MRPL9	COSTIM_up
DTL	COSTIM_up
EIF2D	COSTIM_up
INTS7	COSTIM_up
TAF1A	COSTIM_up
DUSP10	COSTIM_up
HHIPL2	COSTIM_up
TP53BP2	COSTIM_up
ADAM15	COSTIM_up

JTB	COSTIM_up
RAB13	COSTIM_up
TPM3	COSTIM_up
NUP210L	COSTIM_up
SNAPIN	COSTIM_up
UBAP2L	COSTIM_up
SLC39A1	COSTIM_up
HAX1	COSTIM_up
C1orf43	COSTIM_up
ILF2	COSTIM_up
RIT1	COSTIM_up
INTS3	COSTIM_up
FLG	COSTIM_up
GALNT2	COSTIM_up
SCCPDH	COSTIM_up
ACP1	COSTIM_up
SNAP47	COSTIM_up
SRP9	COSTIM_up
SDE2	COSTIM_up
ARF1	COSTIM_up
ITPKB	COSTIM_up
GUK1	COSTIM_up
C1orf35	COSTIM_up
PARP1	COSTIM_up
PYCR2	COSTIM_up
ARL8A	COSTIM_up
PDIA6	COSTIM_up
EML4	COSTIM_up
CALM2	COSTIM_up
CHAC2	COSTIM_up
RPS27A	COSTIM_up
VPS54	COSTIM_up
SNRPG	COSTIM_up
CIA01	COSTIM_up
SNRNP200	COSTIM_up
MRPS5	COSTIM_up
TPRKB	COSTIM_up
TEX261	COSTIM_up
TMEM177	COSTIM_up
NT5DC4	COSTIM_up
SLC20A1	COSTIM_up
ZC3H8	COSTIM_up
UBXN4	COSTIM_up
SPOPL	COSTIM_up
POLR2D	COSTIM_up
AMMECR1L	COSTIM_up
LNPB	COSTIM_up
CDCA7	COSTIM_up
HSPD1	COSTIM_up
METTTL21A	COSTIM_up

COPS7B	COSTIM_up
DIS3L2	COSTIM_up
TAMM41	COSTIM_up
RETREG2	COSTIM_up
CNOT9	COSTIM_up
GMPPA	COSTIM_up
EAF1	COSTIM_up
DYNC1LI1	COSTIM_up
GOLGA4	COSTIM_up
IQSEC1	COSTIM_up
CAND2	COSTIM_up
RPL32	COSTIM_up
SHQ1	COSTIM_up
SLC25A26	COSTIM_up
UBA3	COSTIM_up
LRIG1	COSTIM_up
NFKBIZ	COSTIM_up
PLA1A	COSTIM_up
RABL3	COSTIM_up
ADPRH	COSTIM_up
ATG3	COSTIM_up
NR1I2	COSTIM_up
SRPRB	COSTIM_up
EIF2A	COSTIM_up
DCAF1	COSTIM_up
MANF	COSTIM_up
EIF2B5	COSTIM_up
FIP1L1	COSTIM_up
LYAR	COSTIM_up
ENOPH1	COSTIM_up
TRMT10A	COSTIM_up
PYURF	COSTIM_up
CISD2	COSTIM_up
ANK2	COSTIM_up
TIFA	COSTIM_up
SPATA5	COSTIM_up
METTL14	COSTIM_up
SETD7	COSTIM_up
NAF1	COSTIM_up
RPS3A	COSTIM_up
NDUFS6	COSTIM_up
RPL37	COSTIM_up
PPIP5K2	COSTIM_up
BDP1	COSTIM_up
GTF2H2	COSTIM_up
SLC30A5	COSTIM_up
BTF3	COSTIM_up
TNFAIP8	COSTIM_up
FEM1C	COSTIM_up
YIPF5	COSTIM_up

DDX46	COSTIM_up
RNF145	COSTIM_up
GLRA1	COSTIM_up
TNIP1	COSTIM_up
G3BP1	COSTIM_up
NHP2	COSTIM_up
RMND5B	COSTIM_up
BOD1	COSTIM_up
TBC1D7	COSTIM_up
FARS2	COSTIM_up
CDKAL1	COSTIM_up
ZMAT2	COSTIM_up
TRIM41	COSTIM_up
HIGD2A	COSTIM_up
ABT1	COSTIM_up
RPL7L1	COSTIM_up
NFKBIE	COSTIM_up
PM20D2	COSTIM_up
ABRACL	COSTIM_up
AIG1	COSTIM_up
DYNLT1	COSTIM_up
WTAP	COSTIM_up
ZMYM4	COSTIM_up
ARMT1	COSTIM_up
CCZ1B	COSTIM_up
CREB5	COSTIM_up
CDCA5	COSTIM_up
PURB	COSTIM_up
MDH2	COSTIM_up
POMZP3	COSTIM_up
NIPSNAP2	COSTIM_up
CCT6A	COSTIM_up
PSPH	COSTIM_up
GIGYF1	COSTIM_up
MEPCE	COSTIM_up
NOM1	COSTIM_up
NLGN4X	COSTIM_up
LUC7L2	COSTIM_up
SH3KBP1	COSTIM_up
CHST7	COSTIM_up
NDUFB11	COSTIM_up
NONO	COSTIM_up
EBP	COSTIM_up
SNX12	COSTIM_up
IL2RG	COSTIM_up
PRPS1	COSTIM_up
RBMX	COSTIM_up
NSDHL	COSTIM_up
CETN2	COSTIM_up
RPL10	COSTIM_up



ATP6V1B2 COSTIM\_up  
CCDC25 COSTIM\_up  
CHRNA6 COSTIM\_up  
BIN3 COSTIM\_up  
SLC25A37 COSTIM\_up  
PLPBP COSTIM\_up  
TACC1 COSTIM\_up  
GOLGA7 COSTIM\_up  
MRPS28 COSTIM\_up  
LACTB2 COSTIM\_up  
RPL7 COSTIM\_up  
MTDH COSTIM\_up  
EBAG9 COSTIM\_up  
POLR2K COSTIM\_up  
EIF3H COSTIM\_up  
NDUFB9 COSTIM\_up  
TATDN1 COSTIM\_up  
ZNF7 COSTIM\_up  
ARHGAP39 COSTIM\_up  
SLC39A4 COSTIM\_up  
VLDLR COSTIM\_up  
PLIN2 COSTIM\_up  
HAUS6 COSTIM\_up  
SIGMAR1 COSTIM\_up  
CBWD5 COSTIM\_up  
CEP78 COSTIM\_up  
NTRK2 COSTIM\_up  
MFSD14B COSTIM\_up  
INIP COSTIM\_up  
UGCG COSTIM\_up  
STOM COSTIM\_up  
MRRF COSTIM\_up  
NR6A1 COSTIM\_up  
POLE3 COSTIM\_up  
SURF4 COSTIM\_up  
GBGT1 COSTIM\_up  
SURF2 COSTIM\_up  
SURF6 COSTIM\_up  
MED22 COSTIM\_up  
REX04 COSTIM\_up  
RPL7A COSTIM\_up  
GTF3C5 COSTIM\_up  
ASB6 COSTIM\_up  
PTGES2 COSTIM\_up  
NTMT1 COSTIM\_up  
CIZ1 COSTIM\_up  
SLC25A25 COSTIM\_up  
LRSAM1 COSTIM\_up  
PAXX COSTIM\_up  
INPP5E COSTIM\_up

SEC16A COSTIM\_up  
DPH7 COSTIM\_up  
PDSS1 COSTIM\_up  
FAM171A1 COSTIM\_up  
RSU1 COSTIM\_up  
NRBF2 COSTIM\_up  
POLR3A COSTIM\_up  
GLUD1 COSTIM\_up  
RPP30 COSTIM\_up  
DNAJB12 COSTIM\_up  
EIF4EBP2 COSTIM\_up  
TCF7L2 COSTIM\_up  
MKI67 COSTIM\_up  
FUOM COSTIM\_up  
MTG1 COSTIM\_up  
GSTO1 COSTIM\_up  
PPRC1 COSTIM\_up  
PDCD11 COSTIM\_up  
ADAM12 COSTIM\_up  
RGS10 COSTIM\_up  
LIN7C COSTIM\_up  
PGAP2 COSTIM\_up  
HSD17B12 COSTIM\_up  
APIP COSTIM\_up  
DGKZ COSTIM\_up  
EIF3M COSTIM\_up  
TNKS1BP1 COSTIM\_up  
SSRP1 COSTIM\_up  
SLC43A1 COSTIM\_up  
ARFGAP2 COSTIM\_up  
CELF1 COSTIM\_up  
HIKESHI COSTIM\_up  
SERPINH1 COSTIM\_up  
PAK1 COSTIM\_up  
RPS3 COSTIM\_up  
ZC3H12C COSTIM\_up  
AASDHPPT COSTIM\_up  
GLB1L2 COSTIM\_up  
LAMTOR1 COSTIM\_up  
HYOU1 COSTIM\_up  
KAT14 COSTIM\_up  
MTA2 COSTIM\_up  
TMEM138 COSTIM\_up  
FADS1 COSTIM\_up  
EML3 COSTIM\_up  
ZP1 COSTIM\_up  
CPSF7 COSTIM\_up  
B3GAT3 COSTIM\_up  
EI24 COSTIM\_up  
CHEK1 COSTIM\_up

FEZ1	COSTIM_up
ESAM	COSTIM_up
COMMD7	COSTIM_up
YTHDF1	COSTIM_up
CABLES2	COSTIM_up
FERMT3	COSTIM_up
MRPL49	COSTIM_up
FAU	COSTIM_up
VPS51	COSTIM_up
PPP4C	COSTIM_up
ALDOA	COSTIM_up
HIRIP3	COSTIM_up
TAOK2	COSTIM_up
HMGA2	COSTIM_up
CWC15	COSTIM_up
EEF1AKMT1	COSTIM_up
SAP18	COSTIM_up
PDCD4	COSTIM_up
WDR17	COSTIM_up
CD226	COSTIM_up
MTMR12	COSTIM_up
CCT5	COSTIM_up
ATP5CKMT	COSTIM_up
DLAT	COSTIM_up
NKAPD1	COSTIM_up
TIMM8B	COSTIM_up
SEC24D	COSTIM_up
RILPL2	COSTIM_up
DHX37	COSTIM_up
UBC	COSTIM_up
SLC7A11	COSTIM_up
NOCT	COSTIM_up
DCP1B	COSTIM_up
UEVLD	COSTIM_up
C12orf45	COSTIM_up
PLBD2	COSTIM_up
TWF1	COSTIM_up
EIF4E	COSTIM_up
TEX30	COSTIM_up
SRFBP1	COSTIM_up
FAM177A1	COSTIM_up
MBIP	COSTIM_up
TMEM18	COSTIM_up
NDUFC2	COSTIM_up
ANKRD50	COSTIM_up
UPF2	COSTIM_up
CDC123	COSTIM_up
SCLT1	COSTIM_up
VTI1A	COSTIM_up
TEX9	COSTIM_up

QTRT2	COSTIM_up
MMAA	COSTIM_up
POU4F2	COSTIM_up
CENPU	COSTIM_up
ACSL1	COSTIM_up
SLC25A4	COSTIM_up
SAV1	COSTIM_up
NBAS	COSTIM_up
GUF1	COSTIM_up
SACS	COSTIM_up
FBX04	COSTIM_up
CACUL1	COSTIM_up
BAG3	COSTIM_up
AP1S3	COSTIM_up
MZT2B	COSTIM_up
FAM168B	COSTIM_up
GEMIN6	COSTIM_up
OBI1	COSTIM_up
ARL14EP	COSTIM_up
ATP5F1A	COSTIM_up
UHMK1	COSTIM_up
HOMER1	COSTIM_up
SUV39H2	COSTIM_up
RPP38	COSTIM_up
USP12	COSTIM_up
CCDC50	COSTIM_up
PFKM	COSTIM_up
TMEM123	COSTIM_up
SPEF2	COSTIM_up
SPARCL1	COSTIM_up
NADK2	COSTIM_up
GPD1L	COSTIM_up
SLC30A6	COSTIM_up
PELO	COSTIM_up
GPR180	COSTIM_up
HNRNPD	COSTIM_up
CNTNAP4	COSTIM_up
SREK1IP1	COSTIM_up
CWC27	COSTIM_up
SRP19	COSTIM_up
CENPH	COSTIM_up
TEKT5	COSTIM_up
ANAPC1	COSTIM_up
CAST	COSTIM_up
SCOC	COSTIM_up
CETN3	COSTIM_up
SMARCA5	COSTIM_up
HNRNPU	COSTIM_up
RANBP2	COSTIM_up
AHCTF1	COSTIM_up

ADGRF1	COSTIM_up
FAM49B	COSTIM_up
ASAP1	COSTIM_up
LPCAT1	COSTIM_up
TMEM251	COSTIM_up
UBP1	COSTIM_up
RPIA	COSTIM_up
GTF2E1	COSTIM_up
CFDP1	COSTIM_up
JAZF1	COSTIM_up
TRIP12	COSTIM_up
CEBPG	COSTIM_up
KCTD15	COSTIM_up
MCOLN2	COSTIM_up
SREK1	COSTIM_up
ZUP1	COSTIM_up
NUS1	COSTIM_up
PPP2R5E	COSTIM_up
CABYR	COSTIM_up
IMPACT	COSTIM_up
OTULIN	COSTIM_up
ROB03	COSTIM_up
GPR15	COSTIM_up
TOMM70	COSTIM_up
CC2D1B	COSTIM_up
ABCA6	COSTIM_up
ABCA5	COSTIM_up
UCHL1	COSTIM_up
NEIL2	COSTIM_up
LONRF1	COSTIM_up
SH3RF1	COSTIM_up
BUB3	COSTIM_up
DIPK1A	COSTIM_up
ATP5MC3	COSTIM_up
ELOC	COSTIM_up
C21orf91	COSTIM_up
L3MBTL4	COSTIM_up
RABGEF1	COSTIM_up
MRPL39	COSTIM_up
ATP5PF	COSTIM_up
GABPA	COSTIM_up
TSEN2	COSTIM_up
DPH3	COSTIM_up
OXNAD1	COSTIM_up
PLCL2	COSTIM_up
CXXC1	COSTIM_up
USP43	COSTIM_up
EPHB1	COSTIM_up
ANKRD40	COSTIM_up
VOPP1	COSTIM_up

AP00L	COSTIM_up
FBXL18	COSTIM_up
KLF10	COSTIM_up
AZIN1	COSTIM_up
OTUD6B	COSTIM_up
GTF3C6	COSTIM_up
MMS19	COSTIM_up
PI4K2A	COSTIM_up
TRMT44	COSTIM_up
HSPA13	COSTIM_up
SAMSN1	COSTIM_up
C16orf87	COSTIM_up
DBI	COSTIM_up
SLC16A1	COSTIM_up
HEATR3	COSTIM_up
NIFK	COSTIM_up
OXA1L	COSTIM_up
LARP1	COSTIM_up
MIER3	COSTIM_up
NUP205	COSTIM_up
ZKSCAN2	COSTIM_up
PDIA4	COSTIM_up
RNF20	COSTIM_up
PPARGC1B	COSTIM_up
ELM01	COSTIM_up
RRAGA	COSTIM_up
RMND1	COSTIM_up
VBP1	COSTIM_up
RAB39B	COSTIM_up
CLIC2	COSTIM_up
GRIP1	COSTIM_up
CARNMT1	COSTIM_up
KCNMA1	COSTIM_up
BATF	COSTIM_up
N6AMT1	COSTIM_up
USP16	COSTIM_up
CCT8	COSTIM_up
TSPAN7	COSTIM_up
TIAM1	COSTIM_up
SCAF4	COSTIM_up
SFXN2	COSTIM_up
ATP5MPL	COSTIM_up
UQCRB	COSTIM_up
MTERF3	COSTIM_up
RPL30	COSTIM_up
SUPV3L1	COSTIM_up
EEF1A1	COSTIM_up
HK1	COSTIM_up
CD109	COSTIM_up
UBE2L6	COSTIM_up

ZDHC5	COSTIM_up
MED19	COSTIM_up
ZFAND3	COSTIM_up
NPTN	COSTIM_up
UTP14A	COSTIM_up
AIFM1	COSTIM_up
MAPK13	COSTIM_up
ZNF689	COSTIM_up
PRR14	COSTIM_up
FBR5	COSTIM_up
MFSD14A	COSTIM_up
SASS6	COSTIM_up
MALSU1	COSTIM_up
LHFPL4	COSTIM_up
B3GNT7	COSTIM_up
EIF4A2	COSTIM_up
BRPF1	COSTIM_up
RPUSD3	COSTIM_up
TATDN2	COSTIM_up
SEC13	COSTIM_up
ZFYVE9	COSTIM_up
SMG1	COSTIM_up
NECAP2	COSTIM_up
LRP8	COSTIM_up
PAXIP1	COSTIM_up
ZFHX2-AS1	COSTIM_up
FAM81A	COSTIM_up
MYO1E	COSTIM_up
VPS26C	COSTIM_up
ETS2	COSTIM_up
SLC35B2	COSTIM_up
TMEM164	COSTIM_up
C2CD2	COSTIM_up
TAB3	COSTIM_up
SLC38A10	COSTIM_up
TMEM268	COSTIM_up
ACAN	COSTIM_up
PSMG3	COSTIM_up
GAREM2	COSTIM_up
PRXL2B	COSTIM_up
TNFRSF14	COSTIM_up
C12orf43	COSTIM_up
PEX10	COSTIM_up
RER1	COSTIM_up
BABAM2	COSTIM_up
WDR66	COSTIM_up
MRPL17	COSTIM_up
DUSP2	COSTIM_up
GALNT14	COSTIM_up
FANCC	COSTIM_up

FAIM	COSTIM_up
RNF207	COSTIM_up
GPR153	COSTIM_up
MITD1	COSTIM_up
EIF5B	COSTIM_up
CNOT11	COSTIM_up
TSPAN33	COSTIM_up
B4GALT5	COSTIM_up
SPATA2	COSTIM_up
FAM86C1	COSTIM_up
TSR2	COSTIM_up
ZC3H18	COSTIM_up
TMED4	COSTIM_up
PPP1R15B	COSTIM_up
COPG2	COSTIM_up
GPAT4	COSTIM_up
TAGLN2	COSTIM_up
SLC45A3	COSTIM_up
DUSP23	COSTIM_up
NIT1	COSTIM_up
DEDD	COSTIM_up
ZNF276	COSTIM_up
NDUFS2	COSTIM_up
TOMM40L	COSTIM_up
CCAR2	COSTIM_up
MIS18A	COSTIM_up
ALG8	COSTIM_up
FBXW5	COSTIM_up
CFAP298	COSTIM_up
PAXBP1	COSTIM_up
MRPL10	COSTIM_up
IFNGR2	COSTIM_up
GART	COSTIM_up
SON	COSTIM_up
CSRP1	COSTIM_up
ATP5MC1	COSTIM_up
UBE2Z	COSTIM_up
SNF8	COSTIM_up
CBR1	COSTIM_up
CHAF1B	COSTIM_up
PTMS	COSTIM_up
ADIPOR1	COSTIM_up
CYB5R1	COSTIM_up
PSMD4	COSTIM_up
PSMB4	COSTIM_up
HK2	COSTIM_up
ALDH4A1	COSTIM_up
THEM4	COSTIM_up
MED8	COSTIM_up
GPBP1L1	COSTIM_up



NAE1 COSTIM\_up  
TMEM69 COSTIM\_up  
EFCAB14 COSTIM\_up  
CHCHD6 COSTIM\_up  
CTBP1 COSTIM\_up  
ATP6V0D1 COSTIM\_up  
CARMIL2 COSTIM\_up  
PIP COSTIM\_up  
ZYG COSTIM\_up  
CCDC117 COSTIM\_up  
GNE COSTIM\_up  
PTGIR COSTIM\_up  
CALM3 COSTIM\_up  
DFFA COSTIM\_up  
CCDC28B COSTIM\_up  
ATAD3B COSTIM\_up  
SSU72 COSTIM\_up  
UBE2J2 COSTIM\_up  
CCDC58 COSTIM\_up  
VMA21 COSTIM\_up  
FAM86C2P COSTIM\_up  
WDR4 COSTIM\_up  
NDUFV3 COSTIM\_up  
CBS COSTIM\_up  
U2AF1 COSTIM\_up  
HSF2BP COSTIM\_up  
RRP1B COSTIM\_up  
PDXK COSTIM\_up  
G6PD COSTIM\_up  
CSTB COSTIM\_up  
RRP1 COSTIM\_up  
AGPAT3 COSTIM\_up  
TRAPPC10 COSTIM\_up  
ITGB2 COSTIM\_up  
FAM207A COSTIM\_up  
RALGDS COSTIM\_up  
SPATC1L COSTIM\_up  
LSS COSTIM\_up  
VAV2 COSTIM\_up  
MCM3AP COSTIM\_up  
PCNT COSTIM\_up  
SLC2A6 COSTIM\_up  
C19orf47 COSTIM\_up  
CFAP157 COSTIM\_up  
TOR2A COSTIM\_up  
ST6GALNAC6 COSTIM\_up  
SHKBP1 COSTIM\_up  
ZDHHC12 COSTIM\_up  
PKN3 COSTIM\_up  
TAOK1 COSTIM\_up

MED27	COSTIM_up
TLCD1	COSTIM_up
SAFB	COSTIM_up
CHTOP	COSTIM_up
CXCR5	COSTIM_up
ZBTB7B	COSTIM_up
FLAD1	COSTIM_up
SHC1	COSTIM_up
NLRX1	COSTIM_up
ADAR	COSTIM_up
IL6R	COSTIM_up
UBE2Q1	COSTIM_up
CHRNA2	COSTIM_up
CRTC2	COSTIM_up
FDPS	COSTIM_up
RUSC1	COSTIM_up
FAM189B	COSTIM_up
SLC25A44	COSTIM_up
LMNA	COSTIM_up
NBEAL2	COSTIM_up
CCDC12	COSTIM_up
UBQLN4	COSTIM_up
GPATCH4	COSTIM_up
NACC1	COSTIM_up
CPSF4	COSTIM_up
VPS28	COSTIM_up
TONSL	COSTIM_up
PWWP3A	COSTIM_up
LRRC14	COSTIM_up
PPP1R16A	COSTIM_up
SQSTM1	COSTIM_up
MGAT4B	COSTIM_up
RPL8	COSTIM_up
PSMC2	COSTIM_up
MFS12	COSTIM_up
YDJC	COSTIM_up
DVL3	COSTIM_up
AP2M1	COSTIM_up
ABCF3	COSTIM_up
PCYT1A	COSTIM_up
IKZF3	COSTIM_up
GRIN2C	COSTIM_up
SAP30BP	COSTIM_up
SRSF2	COSTIM_up
LSM12	COSTIM_up
EMC10	COSTIM_up
JOSD2	COSTIM_up
FMNL3	COSTIM_up
LARP4	COSTIM_up
RAVER1	COSTIM_up

ZNF653	COSTIM_up
SENP3	COSTIM_up
EIF4A1	COSTIM_up
RPL26	COSTIM_up
POLR3K	COSTIM_up
SNRNP25	COSTIM_up
JMJD8	COSTIM_up
CCDC78	COSTIM_up
TEDC2	COSTIM_up
TBC1D24	COSTIM_up
NTN3	COSTIM_up
FLYWCH2	COSTIM_up
CLPB	COSTIM_up
UBXN1	COSTIM_up
LBHD1	COSTIM_up
TAF6L	COSTIM_up
RPL29	COSTIM_up
CMPK1	COSTIM_up
COA7	COSTIM_up
CZIB	COSTIM_up
MAG0H	COSTIM_up
PARS2	COSTIM_up
NOL9	COSTIM_up
KLHL21	COSTIM_up
GMEB1	COSTIM_up
AK4	COSTIM_up
DHRS3	COSTIM_up
PEF1	COSTIM_up
RBBP4	COSTIM_up
TMC04	COSTIM_up
ALPL	COSTIM_up
WNT4	COSTIM_up
TTLL10	COSTIM_up
FAAP20	COSTIM_up
USP1	COSTIM_up
FUBP1	COSTIM_up
TYW3	COSTIM_up
NTNG1	COSTIM_up
HENMT1	COSTIM_up
C1orf52	COSTIM_up
ATXN7L2	COSTIM_up
ZNF326	COSTIM_up
AGL	COSTIM_up
ZNF281	COSTIM_up
ARPC5	COSTIM_up
PEA15	COSTIM_up
PEX19	COSTIM_up
NCSTN	COSTIM_up
FLVCR1	COSTIM_up
ATF3	COSTIM_up

IER5	COSTIM_up
BPNT1	COSTIM_up
C1orf115	COSTIM_up
TFB2M	COSTIM_up
MRPL55	COSTIM_up
REL	COSTIM_up
MEM01	COSTIM_up
DPY30	COSTIM_up
TYW5	COSTIM_up
MAIP1	COSTIM_up
NUP35	COSTIM_up
CCDC138	COSTIM_up
FBX041	COSTIM_up
WDCP	COSTIM_up
SGCB	COSTIM_up
SPATA18	COSTIM_up
SGPP2	COSTIM_up
SMARCAD1	COSTIM_up
PDLIM5	COSTIM_up
PACRGL	COSTIM_up
SCNM1	COSTIM_up
VPS72	COSTIM_up
ERCC3	COSTIM_up
IWS1	COSTIM_up
BOLA3	COSTIM_up
CDC42EP3	COSTIM_up
S100A11	COSTIM_up
GNPDA2	COSTIM_up
PAQR3	COSTIM_up
MRPS18C	COSTIM_up
CGGBP1	COSTIM_up
PMVK	COSTIM_up
HIPK1	COSTIM_up
YY1AP1	COSTIM_up
EOGT	COSTIM_up
NAXE	COSTIM_up
POGLUT1	COSTIM_up
ATP1A1	COSTIM_up
LRR58	COSTIM_up
TMEM183A	COSTIM_up
KRTCAP2	COSTIM_up
ARPC2	COSTIM_up
CCT3	COSTIM_up
RNF25	COSTIM_up
CIP2A	COSTIM_up
CWC22	COSTIM_up
FCRL4	COSTIM_up
STT3B	COSTIM_up
CHCHD4	COSTIM_up
SUCLG1	COSTIM_up

EIF5A2 COSTIM\_up  
RPL22L1 COSTIM\_up  
SNHG16 COSTIM\_up  
PPP4R2 COSTIM\_up  
NEPR0 COSTIM\_up  
COX18 COSTIM\_up  
THOC7 COSTIM\_up  
PSMD6 COSTIM\_up  
GMPS COSTIM\_up  
RPL9 COSTIM\_up  
ABHD6 COSTIM\_up  
DNASE1L3 COSTIM\_up  
CRELD1 COSTIM\_up  
PRRT3 COSTIM\_up  
U2SURP COSTIM\_up  
MTHFD2L COSTIM\_up  
CXCL1 COSTIM\_up  
RCHY1 COSTIM\_up  
ZNF513 COSTIM\_up  
SLC4A1AP COSTIM\_up  
KIAA1143 COSTIM\_up  
WDR43 COSTIM\_up  
ZDHHC3 COSTIM\_up  
ELP6 COSTIM\_up  
DTX3L COSTIM\_up  
SMIM12 COSTIM\_up  
TPRA1 COSTIM\_up  
YEATS2 COSTIM\_up  
ZC3H12A COSTIM\_up  
SNIP1 COSTIM\_up  
POLR2H COSTIM\_up  
KLF15 COSTIM\_up  
RPN1 COSTIM\_up  
RFC4 COSTIM\_up  
RPL39L COSTIM\_up  
BAP1 COSTIM\_up  
TKT COSTIM\_up  
PRKCD COSTIM\_up  
RFT1 COSTIM\_up  
GNL3 COSTIM\_up  
PBRM1 COSTIM\_up  
UVSSA COSTIM\_up  
SLBP COSTIM\_up  
LRPAP1 COSTIM\_up  
PIGX COSTIM\_up  
MELTF COSTIM\_up  
EX05 COSTIM\_up  
AIMP1 COSTIM\_up  
METAP1 COSTIM\_up  
H2AZ1 COSTIM\_up

SLC9B2 COSTIM\_up  
PGRMC2 COSTIM\_up  
CDC25A COSTIM\_up  
CCDC51 COSTIM\_up  
ATRIP COSTIM\_up  
BSN COSTIM\_up  
APEH COSTIM\_up  
MON1A COSTIM\_up  
RAD54L2 COSTIM\_up  
WDR82 COSTIM\_up  
SAP30 COSTIM\_up  
ANXA5 COSTIM\_up  
NAA15 COSTIM\_up  
ICE1 COSTIM\_up  
ANAPC10 COSTIM\_up  
ABCE1 COSTIM\_up  
OTUD4 COSTIM\_up  
LSM6 COSTIM\_up  
TMEM184C COSTIM\_up  
TMEM161B COSTIM\_up  
NDUFAF2 COSTIM\_up  
SLC25A46 COSTIM\_up  
ANKRD33B COSTIM\_up  
PRRC1 COSTIM\_up  
AGGF1 COSTIM\_up  
WDR41 COSTIM\_up  
NDUFS4 COSTIM\_up  
GRPEL2 COSTIM\_up  
RH0BTB3 COSTIM\_up  
CASP3 COSTIM\_up  
ERAP1 COSTIM\_up  
CFAP97 COSTIM\_up  
UBLCP1 COSTIM\_up  
UTP15 COSTIM\_up  
NSA2 COSTIM\_up  
LINC01600 COSTIM\_up  
SEPTIN8 COSTIM\_up  
UQCRQ COSTIM\_up  
CGAS COSTIM\_up  
SFXN1 COSTIM\_up  
PDSS2 COSTIM\_up  
RPS14 COSTIM\_up  
PTTG1 COSTIM\_up  
RELL2 COSTIM\_up  
MIOS COSTIM\_up  
FABP5 COSTIM\_up  
BRI3 COSTIM\_up  
RAD21 COSTIM\_up  
TNFRSF11B COSTIM\_up  
ORC5 COSTIM\_up

DNAAF5	COSTIM_up
OSGIN2	COSTIM_up
GPR146	COSTIM_up
GPER1	COSTIM_up
INTS1	COSTIM_up
SLC4A2	COSTIM_up
FASTK	COSTIM_up
TMUB1	COSTIM_up
PHAX	COSTIM_up
FOXK1	COSTIM_up
COX6C	COSTIM_up
YWHAZ	COSTIM_up
BAALC	COSTIM_up
FZD6	COSTIM_up
CTHRC1	COSTIM_up
SLC25A32	COSTIM_up
DCAF13	COSTIM_up
VIRMA	COSTIM_up
GEM	COSTIM_up
WASHC5	COSTIM_up
RPP25L	COSTIM_up
FAM219A	COSTIM_up
NUDT2	COSTIM_up
UBAP1	COSTIM_up
METTL2B	COSTIM_up
FXN	COSTIM_up
ZMAT4	COSTIM_up
KDM1B	COSTIM_up
C9orf64	COSTIM_up
HNRNPK	COSTIM_up
ZHX1	COSTIM_up
DYNLT3	COSTIM_up
MID1IP1	COSTIM_up
PIGA	COSTIM_up
WNK2	COSTIM_up
NLGN4Y	COSTIM_up
HDX	COSTIM_up
NDUFB6	COSTIM_up
NOL6	COSTIM_up
VCP	COSTIM_up
STOML2	COSTIM_up
WRN	COSTIM_up
CFL2	COSTIM_up
SUGT1	COSTIM_up
GTF2A1	COSTIM_up
SLC16A9	COSTIM_up
REEP3	COSTIM_up
PKN0X2	COSTIM_up
LRR1	COSTIM_up
RPL36AL	COSTIM_up

DNAAF2	COSTIM_up
ZNF22	COSTIM_up
EML5	COSTIM_up
RPUSD4	COSTIM_up
AKR1E2	COSTIM_up
NUDT5	COSTIM_up
ATP5F1C	COSTIM_up
VDAC2	COSTIM_up
COMTD1	COSTIM_up
PDZD8	COSTIM_up
ABRAXAS2	COSTIM_up
FAM204A	COSTIM_up
PRDX3	COSTIM_up
ENOX2	COSTIM_up
GHITM	COSTIM_up
SNAPC4	COSTIM_up
PMPCA	COSTIM_up
ENTR1	COSTIM_up
HPRT1	COSTIM_up
DIPK1B	COSTIM_up
ZMYND19	COSTIM_up
DDX21	COSTIM_up
BMS1	COSTIM_up
FUNDC2	COSTIM_up
NSMF	COSTIM_up
TRUB1	COSTIM_up
E2F7	COSTIM_up
PACSIN3	COSTIM_up
SLC39A13	COSTIM_up
PSMC3	COSTIM_up
RAPSN	COSTIM_up
TC2N	COSTIM_up
CPSF2	COSTIM_up
SMC02	COSTIM_up
IFI27L1	COSTIM_up
ARL5B	COSTIM_up
TAF1D	COSTIM_up
ABTB2	COSTIM_up
SPRED1	COSTIM_up
GPT2	COSTIM_up
RAB8B	COSTIM_up
RPUSD2	COSTIM_up
HIF1AN	COSTIM_up
NDUFB8	COSTIM_up
BRD7	COSTIM_up
TRMT61A	COSTIM_up
BAG5	COSTIM_up
API5	COSTIM_up
HPS6	COSTIM_up
NOLC1	COSTIM_up



ALKBH3	COSTIM_up
COPS2	COSTIM_up
CCT2	COSTIM_up
PCBD1	COSTIM_up
ZNF202	COSTIM_up
STXBP4	COSTIM_up
CUL5	COSTIM_up
MYRFL	COSTIM_up
TRIM44	COSTIM_up
TAF10	COSTIM_up
NET01	COSTIM_up
CYB5A	COSTIM_up
USP54	COSTIM_up
CYB5R2	COSTIM_up
SERPINB8	COSTIM_up
IDH3A	COSTIM_up
RPL27A	COSTIM_up
DENND2B	COSTIM_up
ATMIN	COSTIM_up
LE01	COSTIM_up
TMX3	COSTIM_up
WEE1	COSTIM_up
HDGFL3	COSTIM_up
MCM7	COSTIM_up
TMED3	COSTIM_up
SEC11C	COSTIM_up
TMEM135	COSTIM_up
CENPV	COSTIM_up
CIA02B	COSTIM_up
HSP90B1	COSTIM_up
TVP23A	COSTIM_up
PLEKHA7	COSTIM_up
B2M	COSTIM_up
SAAL1	COSTIM_up
PPIB	COSTIM_up
SCNN1G	COSTIM_up
DCTN5	COSTIM_up
CLPX	COSTIM_up
ZBTB39	COSTIM_up
STAT6	COSTIM_up
PATL1	COSTIM_up
STX3	COSTIM_up
MRPL16	COSTIM_up
YWHAB	COSTIM_up
MAP1A	COSTIM_up
RCCD1	COSTIM_up
MARS1	COSTIM_up
MBD6	COSTIM_up
PDIA3	COSTIM_up
NUDT21	COSTIM_up

PBX3	COSTIM_up
PHB	COSTIM_up
SNRPD1	COSTIM_up
SAMD14	COSTIM_up
GOLGA2	COSTIM_up
TRUB2	COSTIM_up
COQ4	COSTIM_up
SLC27A4	COSTIM_up
URM1	COSTIM_up
DOLPP1	COSTIM_up
ENDOG	COSTIM_up
C15orf39	COSTIM_up
COQ7	COSTIM_up
CRK	COSTIM_up
FBX022	COSTIM_up
TBC1D2B	COSTIM_up
RNF214	COSTIM_up
CDK12	COSTIM_up
ATP5MG	COSTIM_up
RRM1	COSTIM_up
PRRT2	COSTIM_up
IRGQ	COSTIM_up
ZNF668	COSTIM_up
VKORC1	COSTIM_up
SMG8	COSTIM_up
RAB8A	COSTIM_up
GPX4	COSTIM_up
KLHL26	COSTIM_up
GATAD2A	COSTIM_up
MVD	COSTIM_up
TRAPPC2L	COSTIM_up
RSKR	COSTIM_up
RPL13	COSTIM_up
KMT2D	COSTIM_up
COR06	COSTIM_up
RHEBL1	COSTIM_up
TUBA1A	COSTIM_up
TUBA1C	COSTIM_up
NFKBID	COSTIM_up
ZNF526	COSTIM_up
ZNF146	COSTIM_up
SPINT2	COSTIM_up
YIF1B	COSTIM_up
DAPK3	COSTIM_up
EEF2	COSTIM_up
CHAF1A	COSTIM_up
UBXN6	COSTIM_up
HDGFL2	COSTIM_up
ZNF444	COSTIM_up
GL0D4	COSTIM_up

MFSD3	COSTIM_up
GPT	COSTIM_up
SRR	COSTIM_up
TSR1	COSTIM_up
TRPV3	COSTIM_up
C19orf48	COSTIM_up
OTUB1	COSTIM_up
CD320	COSTIM_up
SPRYD3	COSTIM_up
NDUFV1	COSTIM_up
CDK2AP2	COSTIM_up
PRDX2	COSTIM_up
ZNF232	COSTIM_up
MIS12	COSTIM_up
MRPL58	COSTIM_up
ATP5PD	COSTIM_up
TMEM88	COSTIM_up
SRP68	COSTIM_up
FAM234A	COSTIM_up
ZNF598	COSTIM_up
RAB26	COSTIM_up
MLST8	COSTIM_up
E4F1	COSTIM_up
ECI1	COSTIM_up
CASKIN1	COSTIM_up
KCTD5	COSTIM_up
DDB1	COSTIM_up
VPS37C	COSTIM_up
BEST1	COSTIM_up
FTH1	COSTIM_up
POLR2G	COSTIM_up
SLC3A2	COSTIM_up
RPSA	COSTIM_up
FADD	COSTIM_up
SAC3D1	COSTIM_up
SF1	COSTIM_up
CCDC88B	COSTIM_up
COPS6	COSTIM_up
NUDT16L1	COSTIM_up
RNF187	COSTIM_up
H00K3	COSTIM_up
MAPK1IP1L	COSTIM_up
DDIT4	COSTIM_up
RBPJ	COSTIM_up
ZCCHC4	COSTIM_up
UBTD2	COSTIM_up
NKIRAS2	COSTIM_up
DNAJC7	COSTIM_up
KCNV2	COSTIM_up
IRF2BP2	COSTIM_up

NT5DC2	COSTIM_up
SMIM4	COSTIM_up
COA6	COSTIM_up
MGAT2	COSTIM_up
MMADHC	COSTIM_up
PDHB	COSTIM_up
MPLKIP	COSTIM_up
IRF2	COSTIM_up
ARF4	COSTIM_up
SEPTIN2	COSTIM_up
FILIP1L	COSTIM_up
MFSD2A	COSTIM_up
DTYMK	COSTIM_up
TAP1	COSTIM_up
ING5	COSTIM_up
STIP1	COSTIM_up
SCNN1B	COSTIM_up
ATXN2L	COSTIM_up
POLR3D	COSTIM_up
FEN1	COSTIM_up
SLC20A2	COSTIM_up
STAT3	COSTIM_up
ZSWIM1	COSTIM_up
NDUFS5	COSTIM_up
TMEM208	COSTIM_up
AHCYL1	COSTIM_up
DNAJC21	COSTIM_up
SEMA4C	COSTIM_up
PPIP5K1	COSTIM_up
ZBTB5	COSTIM_up
CHTF8	COSTIM_up
LCMT2	COSTIM_up
ZNF507	COSTIM_up
STX18	COSTIM_up
GFM1	COSTIM_up
DDX19A	COSTIM_up
USP39	COSTIM_up
TNIP2	COSTIM_up
TMEM150A	COSTIM_up
RNF181	COSTIM_up
MAT2A	COSTIM_up
LETM1	COSTIM_up
MFF	COSTIM_up
PXDC1	COSTIM_up
E2F6	COSTIM_up
FEM1B	COSTIM_up
COMMD8	COSTIM_up
ATP5ME	COSTIM_up
UQCRFS1	COSTIM_up
SLC49A3	COSTIM_up

MAP2K1	COSTIM_up
HNRNPH1	COSTIM_up
ASMTL	COSTIM_up
SLC25A6	COSTIM_up
CSNK1G1	COSTIM_up
ZNF354A	COSTIM_up
ATF5	COSTIM_up
UBE2V2	COSTIM_up
ZBTB43	COSTIM_up
XP06	COSTIM_up
APEX2	COSTIM_up
NSMCE1	COSTIM_up
NPIP12	COSTIM_up
CD2BP2	COSTIM_up
TBC1D10B	COSTIM_up
LMAN2	COSTIM_up
PRELID1	COSTIM_up
SLC50A1	COSTIM_up
CXCL10	COSTIM_up
NPIP3	COSTIM_up
NMD3	COSTIM_up
GPRIN1	COSTIM_up
MRPL1	COSTIM_up
PGM2	COSTIM_up
MINAR1	COSTIM_up
SNUPN	COSTIM_up
SIN3A	COSTIM_up
ARL13B	COSTIM_up
NPR1	COSTIM_up
CXCL8	COSTIM_up
PCBP1	COSTIM_up
HINT1	COSTIM_up
NFU1	COSTIM_up
RAMAC	COSTIM_up
APLF	COSTIM_up
BOLA2B	COSTIM_up
RGPD8	COSTIM_up
HIC2	COSTIM_up
BUB1	COSTIM_up
SPNS1	COSTIM_up
CHRNA5	COSTIM_up
CENPX	COSTIM_up
ASPSCR1	COSTIM_up
FASN	COSTIM_up
CNBP	COSTIM_up
DUS1L	COSTIM_up
GPS1	COSTIM_up
DCXR	COSTIM_up
ZNF32	COSTIM_up
NRG4	COSTIM_up

LIMS1	COSTIM_up
TMEM266	COSTIM_up
UGP2	COSTIM_up
HNRNPF	COSTIM_up
CSGALNACT2	COSTIM_up
AVEN	COSTIM_up
SYAP1	COSTIM_up
TOR1AIP2	COSTIM_up
GUSB	COSTIM_up
ZNF764	COSTIM_up
ZNF768	COSTIM_up
PUSL1	COSTIM_up
SF3B5	COSTIM_up
ZNF35	COSTIM_up
CHD3	COSTIM_up
ALCAM	COSTIM_up
YWHAG	COSTIM_up
UBE2E3	COSTIM_up
CNTR0B	COSTIM_up
TRAPPC1	COSTIM_up
TMEM192	COSTIM_up
UBE2E1	COSTIM_up
HNRNPA3	COSTIM_up
USP38	COSTIM_up
NANP	COSTIM_up
USP47	COSTIM_up
MRAP	COSTIM_up
GON7	COSTIM_up
FAXDC2	COSTIM_up
ELP5	COSTIM_up
UBB	COSTIM_up
NFRKB	COSTIM_up
TMED10	COSTIM_up
SETMAR	COSTIM_up
GPRC5C	COSTIM_up
HARS1	COSTIM_up
RIOX1	COSTIM_up
NUDT9	COSTIM_up
PA2G4	COSTIM_up
ELOVL6	COSTIM_up
TMC7	COSTIM_up
ARL6IP1	COSTIM_up
SERPINB9	COSTIM_up
NUDCD2	COSTIM_up
HSPA4	COSTIM_up
COMMD5	COSTIM_up
ZNF16	COSTIM_up
ARMC10	COSTIM_up
RNF34	COSTIM_up
ATF7	COSTIM_up

SOCS6 COSTIM\_up  
ZNF296 COSTIM\_up  
HOXB9 COSTIM\_up  
KIF5B COSTIM\_up  
CDCA4 COSTIM\_up  
USP32 COSTIM\_up  
RIOX2 COSTIM\_up  
TRIAP1 COSTIM\_up  
LSM3 COSTIM\_up  
KIAA0232 COSTIM\_up  
TMEM43 COSTIM\_up  
RPS9 COSTIM\_up  
TSEN34 COSTIM\_up  
MSANTD4 COSTIM\_up  
NDUFA3 COSTIM\_up  
DNAJC24 COSTIM\_up  
TRMT61B COSTIM\_up  
JAGN1 COSTIM\_up  
ZNF672 COSTIM\_up  
ZNF692 COSTIM\_up  
GRIK1 COSTIM\_up  
TMEM126A COSTIM\_up  
NETO2 COSTIM\_up  
SCAND1 COSTIM\_up  
JUNB COSTIM\_up  
NPTX1 COSTIM\_up  
FAM98B COSTIM\_up  
CANT1 COSTIM\_up  
ZDHHC16 COSTIM\_up  
EXOSC1 COSTIM\_up  
PGAM1 COSTIM\_up  
CLCN5 COSTIM\_up  
MRPL36 COSTIM\_up  
ZNF581 COSTIM\_up  
POLR1C COSTIM\_up  
ASXL1 COSTIM\_up  
DLK2 COSTIM\_up  
ZNF562 COSTIM\_up  
ZNF318 COSTIM\_up  
HOPX COSTIM\_up  
RSL1D1 COSTIM\_up  
PPID COSTIM\_up  
ETFDH COSTIM\_up  
PTGER4 COSTIM\_up  
TBCA COSTIM\_up  
MAP6 COSTIM\_up  
BCL2L1 COSTIM\_up  
PLRG1 COSTIM\_up  
PIK3CD COSTIM\_up  
SLC25A33 COSTIM\_up

RGS19	COSTIM_up
HDAC3	COSTIM_up
GPHN	COSTIM_up
CAMTA1	COSTIM_up
SLFNL1	COSTIM_up
BCL2	COSTIM_up
CTPS1	COSTIM_up
COL8A2	COSTIM_up
EXOSC10	COSTIM_up
RPS21	COSTIM_up
MRM3	COSTIM_up
RPS7	COSTIM_up
RNASEH1	COSTIM_up
PRNP	COSTIM_up
PPIH	COSTIM_up
ZNF57	COSTIM_up
SYNP0	COSTIM_up
THOP1	COSTIM_up
USP19	COSTIM_up
SERF1A	COSTIM_up
SMN1	COSTIM_up
NME6	COSTIM_up
CYCS	COSTIM_up
FRMD3	COSTIM_up
MRPL13	COSTIM_up
CEBPB	COSTIM_up
PAIP1	COSTIM_up
MACROD2	COSTIM_up
BSG	COSTIM_up
COPRS	COSTIM_up
POP7	COSTIM_up
ALG14	COSTIM_up
SUCLG2	COSTIM_up
GNB2	COSTIM_up
MCRIP2	COSTIM_up
CLP1	COSTIM_up
COPS9	COSTIM_up
ZNF24	COSTIM_up
MANEA	COSTIM_up
FIBP	COSTIM_up
PPP1CA	COSTIM_up
HCFC1	COSTIM_up
RASGRP1	COSTIM_up
CHCHD1	COSTIM_up
MRPL52	COSTIM_up
EFEMP2	COSTIM_up
ZMAT3	COSTIM_up
MUS81	COSTIM_up
CFL1	COSTIM_up
CBWD1	COSTIM_up



RPL38	COSTIM_up
METAP1D	COSTIM_up
DHCR7	COSTIM_up
RNASEH2C	COSTIM_up
MYE0V	COSTIM_up
MYD88	COSTIM_up
OXSRI	COSTIM_up
KAT5	COSTIM_up
RELA	COSTIM_up
FAM222B	COSTIM_up
TRMT112	COSTIM_up
MRPL57	COSTIM_up
NOC3L	COSTIM_up
ESRRA	COSTIM_up
COMMD1	COSTIM_up
MTX1	COSTIM_up
PARP14	COSTIM_up
CKS1B	COSTIM_up
IQCB1	COSTIM_up
GPR137	COSTIM_up
MZT2A	COSTIM_up
ZBTB21	COSTIM_up
FAM86B3P	COSTIM_up
MAP3K11	COSTIM_up
DAG1	COSTIM_up
NAA20	COSTIM_up
MICOS10	COSTIM_up
RNF26	COSTIM_up
PPP1R14B	COSTIM_up
ZNRD2	COSTIM_up
SMARCC1	COSTIM_up
FKBP2	COSTIM_up
GMPPB	COSTIM_up
ZNF622	COSTIM_up
NABP1	COSTIM_up
CEP83	COSTIM_up
NUDT4	COSTIM_up
SLC19A1	COSTIM_up
UQCRH	COSTIM_up
TAS1R1	COSTIM_up
EIF1AX	COSTIM_up
PSMD1	COSTIM_up
HEG1	COSTIM_up
TOMM20	COSTIM_up
AGFG1	COSTIM_up
CNP	COSTIM_up
EIF1	COSTIM_up
PLK3	COSTIM_up
GOLIM4	COSTIM_up
ATP5MD	COSTIM_up

RBM4	COSTIM_up
XXYLT1	COSTIM_up
NRR0S	COSTIM_up
FBX045	COSTIM_up
GNG5	COSTIM_up
FAM3C2	COSTIM_up
C16orf91	COSTIM_up
RGMB	COSTIM_up
TRMT10C	COSTIM_up
CTU2	COSTIM_up
MGA	COSTIM_up
C12orf66	COSTIM_up
PRPF8	COSTIM_up
PITPNA	COSTIM_up
DDX23	COSTIM_up
ZNHIT2	COSTIM_up
LIG4	COSTIM_up
ATP2A2	COSTIM_up
RPL4	COSTIM_up
SNAPC5	COSTIM_up
DENND4A	COSTIM_up
MRPL11	COSTIM_up
AKIRIN1	COSTIM_up
SLC29A2	COSTIM_up
TMEM167A	COSTIM_up
LARP7	COSTIM_up
BRMS1	COSTIM_up
RPL15	COSTIM_up
FAM241A	COSTIM_up
SRP72	COSTIM_up
PDE12	COSTIM_up
YIF1A	COSTIM_up
NDUFA11	COSTIM_up
RSRC1	COSTIM_up
RAB1B	COSTIM_up
PTDSS2	COSTIM_up
MICOS13	COSTIM_up
KCTD13	COSTIM_up
DHX36	COSTIM_up
FBXW8	COSTIM_up
KLC2	COSTIM_up
SLC22A1	COSTIM_up
ATR	COSTIM_up
SNHG29	COSTIM_up
MRPS22	COSTIM_up
MARCKSL1	COSTIM_up
PSMD2	COSTIM_up
CSRP2	COSTIM_up
PARL	COSTIM_up
DCTN2	COSTIM_up

ZNF408	COSTIM_up
CKAP5	COSTIM_up
ARHGAP1	COSTIM_up
MED16	COSTIM_up
CENPS	COSTIM_up
LSM1	COSTIM_up
BANF1	COSTIM_up
PTPN2	COSTIM_up
EIF1AD	COSTIM_up
EIF3F	COSTIM_up
CLTB	COSTIM_up
LPL	COSTIM_up
RFESD	COSTIM_up
SART1	COSTIM_up
DRAP1	COSTIM_up
MRPL48	COSTIM_up
FOSL1	COSTIM_up
ERCC4	COSTIM_up
CCDC85B	COSTIM_up
TMEM70	COSTIM_up
ZNF77	COSTIM_up
GPR156	COSTIM_up
MTLN	COSTIM_up
B3GNTL1	COSTIM_up
AURKAIP1	COSTIM_up
TLL11	COSTIM_up
TOMM5	COSTIM_up
RUVBL1	COSTIM_up
CTDNEP1	COSTIM_up
SWI5	COSTIM_up
UBE20	COSTIM_up
TUBB6	COSTIM_up
B3GALT6	COSTIM_up
TPRN	COSTIM_up
SLC35A4	COSTIM_up
SSNA1	COSTIM_up
CSTF3	COSTIM_up
CHMP6	COSTIM_up
UFSP1	COSTIM_up
TMEM39A	COSTIM_up
CCDC57	COSTIM_up
SPHK1	COSTIM_up
ENTHD1	COSTIM_up
SMIM19	COSTIM_up
ANAPC2	COSTIM_up
ZBTB80S	COSTIM_up
COX8A	COSTIM_up
ZSCAN2	COSTIM_up
CDC26	COSTIM_up
KCMF1	COSTIM_up

SPRYD4	COSTIM_up
CLK2	COSTIM_up
LMNB2	COSTIM_up
MEX3C	COSTIM_up
MYO1D	COSTIM_up
RBIS	COSTIM_up
RUFY1	COSTIM_up
BASP1	COSTIM_up
WSB2	COSTIM_up
TYMS	COSTIM_up
PNMA1	COSTIM_up
ANKLE2	COSTIM_up
THAP4	COSTIM_up
DPP7	COSTIM_up
SEC24C	COSTIM_up
SMCR8	COSTIM_up
MTX3	COSTIM_up
FBX046	COSTIM_up
WDR73	COSTIM_up
RHOG	COSTIM_up
NUDT4B	COSTIM_up
FAM210A	COSTIM_up
TALD01	COSTIM_up
NAP1L4P1	COSTIM_up
RPS6KA3	COSTIM_up
PUS1	COSTIM_up
GATD1	COSTIM_up
CCDC71	COSTIM_up
TIMM22	COSTIM_up
ZFAS1	COSTIM_up
PAWR	COSTIM_up
ARIH2	COSTIM_up
SLC25A22	COSTIM_up
ATOX1	COSTIM_up
RPLP2	COSTIM_up
CSTF2T	COSTIM_up
ACAD9	COSTIM_up
POLR2L	COSTIM_up
FLII	COSTIM_up
HNRNPA0	COSTIM_up
CHID1	COSTIM_up
GRB2	COSTIM_up
UBE2N	COSTIM_up
MAMDC4	COSTIM_up
RIC8A	COSTIM_up
IMP3	COSTIM_up
ASB8	COSTIM_up
IMPDH2	COSTIM_up
NDUFAF3	COSTIM_up
C2orf69	COSTIM_up

STAP2 COSTIM\_up  
DDX10 COSTIM\_up  
ZNF366 COSTIM\_up  
PLEC COSTIM\_up  
GALNT11 COSTIM\_up  
WDR6 COSTIM\_up  
GEN1 COSTIM\_up  
TMPRSS9 COSTIM\_up  
TMEM11 COSTIM\_up  
ZFAND2A COSTIM\_up  
BEND3 COSTIM\_up  
NT5DC1 COSTIM\_up  
RPS3AP5 COSTIM\_up  
TIMM23B-AGAP6 COSTIM\_up  
KLHL11 COSTIM\_up  
EPM2AIP1 COSTIM\_up  
GTPBP6 COSTIM\_up  
SUZ12 COSTIM\_up  
RPP25 COSTIM\_up  
GRINA COSTIM\_up  
COX5A COSTIM\_up  
CPNE7 COSTIM\_up  
MPI COSTIM\_up  
EXOSC4 COSTIM\_up  
PFAS COSTIM\_up  
ZBTB7A COSTIM\_up  
TUFM COSTIM\_up  
EIF3K COSTIM\_up  
MRFAP1L1 COSTIM\_up  
MRFAP1 COSTIM\_up  
C3orf38 COSTIM\_up  
RRS1 COSTIM\_up  
RCC2 COSTIM\_up  
CYC1 COSTIM\_up  
FARSA COSTIM\_up  
SPTY2D1 COSTIM\_up  
SAMD4B COSTIM\_up  
EDC3 COSTIM\_up  
RPS2P28 COSTIM\_up  
CALR COSTIM\_up  
RAD23A COSTIM\_up  
GADD45GIP1 COSTIM\_up  
PTPN11 COSTIM\_up  
FAM156B COSTIM\_up  
HLA-DQB1 COSTIM\_up  
PACS2 COSTIM\_up  
GEMIN4 COSTIM\_up  
IL6-AS1 COSTIM\_up  
FJX1 COSTIM\_up  
OR9A2 COSTIM\_up

SHARPIN COSTIM\_up  
GCC1 COSTIM\_up  
LSMEM2 COSTIM\_up  
ZFPM1 COSTIM\_up  
PLD6 COSTIM\_up  
LACC1 COSTIM\_up  
MAF1 COSTIM\_up  
SERTAD2 COSTIM\_up  
C14orf119 COSTIM\_up  
FIZ1 COSTIM\_up  
PUF60 COSTIM\_up  
DCTPP1 COSTIM\_up  
ZNF771 COSTIM\_up  
SOCS4 COSTIM\_up  
TMEM86B COSTIM\_up  
TRNAU1AP COSTIM\_up  
EXOC3 COSTIM\_up  
FAHD1 COSTIM\_up  
RCC1 COSTIM\_up  
PRKRA COSTIM\_up  
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HCLS1 COSTIM\_up  
PAK2 COSTIM\_up  
MCFD2 COSTIM\_up  
TSPYL5 COSTIM\_up  
MB21D2 COSTIM\_up  
SSTR2 COSTIM\_up  
PCGF5 COSTIM\_up  
YOD1 COSTIM\_up  
LINC02363 COSTIM\_up  
SMG1P3 COSTIM\_up  
GPR157 COSTIM\_up  
SLC36A4 COSTIM\_up  
PPA1 COSTIM\_up  
PSMG4 COSTIM\_up  
SSR4 COSTIM\_up  
SCRIB COSTIM\_up  
KCTD2 COSTIM\_up  
FAM83H COSTIM\_up  
ST20 COSTIM\_up  
PITPNB COSTIM\_up  
MRPL14 COSTIM\_up  
NQ01 COSTIM\_up  
AEN COSTIM\_up  
TRAPPC5 COSTIM\_up  
HIGD1A COSTIM\_up  
NPM1 COSTIM\_up  
POLR2A COSTIM\_up  
LRRRC75A COSTIM\_up  
HSP90AA6P COSTIM\_up

OGF0D3	COSTIM_up
WASHC1	COSTIM_up
ZBTB2	COSTIM_up
C6orf223	COSTIM_up
MRPS23	COSTIM_up
C5orf30	COSTIM_up
SIAH2	COSTIM_up
COPG1	COSTIM_up
SLC35C1	COSTIM_up
TIGIT	COSTIM_up
C5orf24	COSTIM_up
ADO	COSTIM_up
COA4	COSTIM_up
PRKAG1	COSTIM_up
MRPS11	COSTIM_up
SNRPE	COSTIM_up
OGFRP1	COSTIM_up
TMEM259	COSTIM_up
TNRC18	COSTIM_up
NOP10	COSTIM_up
MRPL41	COSTIM_up
MRPS16	COSTIM_up
ARL6IP4	COSTIM_up
SHMT2	COSTIM_up
ATP6AP2	COSTIM_up
CYB5D1	COSTIM_up
BACE2	COSTIM_up
UBE2E2	COSTIM_up
AP1S2	COSTIM_up
C8orf33	COSTIM_up
FBXL6	COSTIM_up
YBEY	COSTIM_up
NPL0C4	COSTIM_up
EXOC7	COSTIM_up
KPNA2	COSTIM_up
WASH6P	COSTIM_up
GLRX5	COSTIM_up
FAM104B	COSTIM_up
MFS5	COSTIM_up
ADI1	COSTIM_up
RWDD4	COSTIM_up
SKA2	COSTIM_up
ANXA2	COSTIM_up
PAQR7	COSTIM_up
NGRN	COSTIM_up
RPS17	COSTIM_up
OR2T29	COSTIM_up
CRIP2	COSTIM_up
DDX28	COSTIM_up
ACBD3	COSTIM_up

RRP7BP COSTIM\_up  
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RPL35A COSTIM\_up  
CEP63 COSTIM\_up  
SRPRA COSTIM\_up  
EWSR1 COSTIM\_up  
HMGN4 COSTIM\_up  
MTA1 COSTIM\_up  
PYCR1 COSTIM\_up  
NAA38 COSTIM\_up  
SPNS2 COSTIM\_up  
AP2A2 COSTIM\_up  
SLC25A10 COSTIM\_up  
GAS6 COSTIM\_up  
NEB COSTIM\_up  
PTGDR2 COSTIM\_up  
HSP90AB3P COSTIM\_up  
RUVBL2 COSTIM\_up  
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BOLA2 COSTIM\_up  
SF3A3 COSTIM\_up  
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GPR132 COSTIM\_up  
EP400 COSTIM\_up  
UTP11 COSTIM\_up  
PSMG1 COSTIM\_up  
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SETD3 COSTIM\_up  
SFXN4 COSTIM\_up  
MRPL54 COSTIM\_up  
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ALYREF COSTIM\_up  
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CBX6 COSTIM\_up  
MACC1 COSTIM\_up  
TBL3 COSTIM\_up  
TUBA8 COSTIM\_up  
TOB2 COSTIM\_up  
KMT5A COSTIM\_up  
NPW COSTIM\_up  
COA3 COSTIM\_up  
ST6GALNAC3 COSTIM\_up  
ACTG1 COSTIM\_up  
DENND5A COSTIM\_up  
OR2T10 COSTIM\_up



DIABLO COSTIM\_up  
VPS33B COSTIM\_up  
UQCR10 COSTIM\_up  
EIF3C COSTIM\_up  
NR2C2AP COSTIM\_up  
CRELD2 COSTIM\_up  
SCFD2 COSTIM\_up  
PGP COSTIM\_up  
IRAK1 COSTIM\_up  
CMSS1 COSTIM\_up  
TSSC4 COSTIM\_up  
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CSF1 COSTIM\_up  
MAML2 COSTIM\_up  
SS18L1 COSTIM\_up  
KCND2 COSTIM\_up  
COPB2 COSTIM\_up  
THAP7 COSTIM\_up  
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TMEM255B COSTIM\_up  
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ZFP1 COSTIM\_up  
SOCS3 COSTIM\_up  
XPOT COSTIM\_up  
SNN COSTIM\_up  
EIF4ENIF1 COSTIM\_up  
ATL3 COSTIM\_up  
NDUFA12 COSTIM\_up  
UBE2G2 COSTIM\_up  
AP00 COSTIM\_up  
PRR16 COSTIM\_up  
TMED9 COSTIM\_up  
SUM03 COSTIM\_up  
IMMP2L COSTIM\_up  
OR6C70 COSTIM\_up  
NOC4L COSTIM\_up  
NDUFA6 COSTIM\_up  
DGAT1 COSTIM\_up  
AP3M1 COSTIM\_up  
NELFA COSTIM\_up  
INTS5 COSTIM\_up  
RPS27L COSTIM\_up  
MANEAL COSTIM\_up  
AN09 COSTIM\_up  
FAF1 COSTIM\_up  
HSF1 COSTIM\_up  
C6orf120 COSTIM\_up  
DDX51 COSTIM\_up  
NOM02 COSTIM\_up

TNFAIP2 COSTIM\_up  
PRMT3 COSTIM\_up  
PRPF39 COSTIM\_up  
PPIL6 COSTIM\_up  
UBALD2 COSTIM\_up  
CCDC137 COSTIM\_up  
ATP6V0A2 COSTIM\_up  
TEDC1 COSTIM\_up  
HGS COSTIM\_up  
MAPK11 COSTIM\_up  
MRPL30 COSTIM\_up  
LINC00158 COSTIM\_up  
FAAP100 COSTIM\_up  
BRCC3 COSTIM\_up  
SP1 COSTIM\_up  
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P4HB COSTIM\_up  
PSMD13 COSTIM\_up  
ZFP36L1 COSTIM\_up  
UBE2L3 COSTIM\_up  
MOSM0 COSTIM\_up  
DRG1 COSTIM\_up  
YTHDF3 COSTIM\_up  
ZNF696 COSTIM\_up  
KCNQ5 COSTIM\_up  
MORF4L1 COSTIM\_up  
SLC52A2 COSTIM\_up  
PCYT2 COSTIM\_up  
NAT8L COSTIM\_up  
BCAP31 COSTIM\_up  
GNB1L COSTIM\_up  
TRIM69 COSTIM\_up  
ATP6V0C COSTIM\_up  
LAMP1 COSTIM\_up  
ZNF267 COSTIM\_up  
LRCH3 COSTIM\_up  
NDUFA13 COSTIM\_up  
C15orf41 COSTIM\_up  
C2orf76 COSTIM\_up  
ZNRF1 COSTIM\_up  
ZNF749 COSTIM\_up  
KDM4D COSTIM\_up  
GPAT2 COSTIM\_up  
TOR3A COSTIM\_up  
PPP1CC COSTIM\_up  
CA5BP1 COSTIM\_up  
KRT10 COSTIM\_up  
NKRF COSTIM\_up  
KPNA4 COSTIM\_up  
RPS23 COSTIM\_up

INSIG1 COSTIM\_up  
NF2 COSTIM\_up  
MIR22HG COSTIM\_up  
HPDL COSTIM\_up  
KATNA1 COSTIM\_up  
ZFP91 COSTIM\_up  
C17orf58 COSTIM\_up  
HYAL3 COSTIM\_up  
LILRB4 COSTIM\_up  
TNFRSF4 COSTIM\_up  
TNFRSF18 COSTIM\_up  
RTN4RL2 COSTIM\_up  
EMID1 COSTIM\_up  
PTRH1 COSTIM\_up  
TMEM216 COSTIM\_up  
RPS19BP1 COSTIM\_up  
NAP1L1 COSTIM\_up  
CMC1 COSTIM\_up  
RNF220 COSTIM\_up  
MT1X COSTIM\_up  
FNBP1 COSTIM\_up  
CHP1 COSTIM\_up  
PTMA COSTIM\_up  
HSPA14 COSTIM\_up  
USP7 COSTIM\_up  
NANOS3 COSTIM\_up  
TET3 COSTIM\_up  
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TCEA1 COSTIM\_up  
NHEJ1 COSTIM\_up  
FANCA COSTIM\_up  
MCRS1 COSTIM\_up  
CARD9 COSTIM\_up  
ZFP69B COSTIM\_up  
PLSCR3 COSTIM\_up  
EIF4EBP1 COSTIM\_up  
PMS2CL COSTIM\_up  
MORN2 COSTIM\_up  
UBQLN2 COSTIM\_up  
NWD1 COSTIM\_up  
C11orf95 COSTIM\_up  
MAPK12 COSTIM\_up  
AGRN COSTIM\_up  
TMPPE COSTIM\_up  
LINC00265 COSTIM\_up  
PRKAR1B COSTIM\_up  
NUTM2B COSTIM\_up  
NCR3LG1 COSTIM\_up  
TUBB4B COSTIM\_up

IL17REL COSTIM\_up  
HES4 COSTIM\_up  
CENPP COSTIM\_up  
GTF2F2 COSTIM\_up  
H2AX COSTIM\_up  
C19orf54 COSTIM\_up  
C22orf34 COSTIM\_up  
FAM83G COSTIM\_up  
SRSF10 COSTIM\_up  
OR2G6 COSTIM\_up  
NDOR1 COSTIM\_up  
NPIPP1 COSTIM\_up  
SUM02 COSTIM\_up  
RTL6 COSTIM\_up  
PARVB COSTIM\_up  
UROS COSTIM\_up  
ZDHC9 COSTIM\_up  
ZBED6CL COSTIM\_up  
SMIM15 COSTIM\_up  
TMEM120B COSTIM\_up  
RBM34 COSTIM\_up  
MTF1 COSTIM\_up  
TMEM201 COSTIM\_up  
ZDHC11 COSTIM\_up  
SLX4 COSTIM\_up  
RPL14 COSTIM\_up  
ASTL COSTIM\_up  
NOC2L COSTIM\_up  
NELFB COSTIM\_up  
ADAT2 COSTIM\_up  
NDUFA4 COSTIM\_up  
ALKBH2 COSTIM\_up  
LITAF COSTIM\_up  
TMEM120A COSTIM\_up  
ARID2 COSTIM\_up  
SF3B3 COSTIM\_up  
JPT1 COSTIM\_up  
PNRC2 COSTIM\_up  
RRP7A COSTIM\_up  
SLC25A51P4 COSTIM\_up  
S100A14 COSTIM\_up  
RPS2P46 COSTIM\_up  
SH2D5 COSTIM\_up  
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HLA-DRB1 COSTIM\_up  
ZNF79 COSTIM\_up  
STK40 COSTIM\_up  
EEF1A1P5 COSTIM\_up  
TUBB COSTIM\_up  
SUPT5H COSTIM\_up

XPNPEP3 COSTIM\_up  
OR2T2 COSTIM\_up  
PPIA COSTIM\_up  
SUPT3H COSTIM\_up  
NIF3L1 COSTIM\_up  
IARS1 COSTIM\_up  
POM121 COSTIM\_up  
WDR5 COSTIM\_up  
LONP1 COSTIM\_up  
FUT4 COSTIM\_up  
PTPN1 COSTIM\_up  
THEM5 COSTIM\_up  
XRCC6 COSTIM\_up  
TSC22D2 COSTIM\_up  
YRDC COSTIM\_up  
ZNF777 COSTIM\_up  
PIK3R4 COSTIM\_up  
IP04 COSTIM\_up  
NCOR2 COSTIM\_up  
PRPF40A COSTIM\_up  
ANAPC7 COSTIM\_up  
SLC6A9 COSTIM\_up  
NACA COSTIM\_up  
OR2T3 COSTIM\_up  
HDAC2 COSTIM\_up  
SDHAF3 COSTIM\_up  
RABL6 COSTIM\_up  
ZNF502 COSTIM\_up  
TRAPPC4 COSTIM\_up  
ZNF512B COSTIM\_up  
VKORC1L1 COSTIM\_up  
HLA-DQA1 COSTIM\_up  
COL27A1 COSTIM\_up  
SNHG17 COSTIM\_up  
ZNF239 COSTIM\_up  
ILRUN COSTIM\_up  
ADA COSTIM\_up  
ARID5A COSTIM\_up  
PPTC7 COSTIM\_up  
NHLRC2 COSTIM\_up  
CBWD3 COSTIM\_up  
ARHGEF12 COSTIM\_up  
FLNA COSTIM\_up  
NOP9 COSTIM\_up  
AP2A1 COSTIM\_up  
LAGE3 COSTIM\_up  
METTL9 COSTIM\_up  
CXorf40B COSTIM\_up  
ANXA6 COSTIM\_up  
GMFB COSTIM\_up

MAFG	COSTIM_up
IGF2R	COSTIM_up
DYNC1H1	COSTIM_up
PCBP2	COSTIM_up
ZGPAT	COSTIM_up
SRC	COSTIM_up
ZNF682	COSTIM_up
PCNX3	COSTIM_up
ACSL5	COSTIM_up
LRRRC8B	COSTIM_up
ABCB8	COSTIM_up
SND1	COSTIM_up
PSMD12	COSTIM_up
NOL4L	COSTIM_up
C1D	COSTIM_up
TBC1D9B	COSTIM_up
GTF2E2	COSTIM_up
ZNF165	COSTIM_up
ZNF720	COSTIM_up
SVIL	COSTIM_up
MRPL21	COSTIM_up
HTT	COSTIM_up
MAP3K5	COSTIM_up
HNRNPAB	COSTIM_up
PDGFA	COSTIM_up
ZNF628	COSTIM_up
RPF2	COSTIM_up
ENTPD6	COSTIM_up
FAR1	COSTIM_up
CXorf40A	COSTIM_up
CDC42SE1	COSTIM_up
SERPINB2	COSTIM_up
DPP4	COSTIM_up
NMB	COSTIM_up
FAM114A1	COSTIM_up
RPE	COSTIM_up
ZNF460	COSTIM_up
PTMAP2	COSTIM_up
RPL37A	COSTIM_up
MCMBP	COSTIM_up
EME2	COSTIM_up
TAF13	COSTIM_up
ATAD3A	COSTIM_up
FAM118B	COSTIM_up
SLC9A8	COSTIM_up
GPAA1	COSTIM_up
SGTB	COSTIM_up
FAM49A	COSTIM_up
MYO1C	COSTIM_up
KIF13B	COSTIM_up

ADH5	COSTIM_up
SPG7	COSTIM_up
HRNR	COSTIM_up
HES5	COSTIM_up
ER01A	COSTIM_up
S100A6	COSTIM_up
RPL12	COSTIM_up
ZNF121	COSTIM_up
MPZL1	COSTIM_up
VPS13A	COSTIM_up
GOLGA6L9	COSTIM_up
C1orf122	COSTIM_up
SNHG12	COSTIM_up
NOL8	COSTIM_up
MRPL42	COSTIM_up
RPS4X	COSTIM_up
MAK16	COSTIM_up
AVPR1B	COSTIM_up
SIRPA	COSTIM_up
CD2AP	COSTIM_up
ZNF544	COSTIM_up
ZNF770	COSTIM_up
MAN1A2	COSTIM_up
DDRGK1	COSTIM_up
TFDP1	COSTIM_up
CACNA1E	COSTIM_up
DDX42	COSTIM_up
RPL23A	COSTIM_up
UBL5	COSTIM_up
ZNF485	COSTIM_up
SDAD1	COSTIM_up
PIM3	COSTIM_up
GET3	COSTIM_up
SPRED2	COSTIM_up
BZW1P2	COSTIM_up
TXNRD1	COSTIM_up
YTHDF2	COSTIM_up
TMA16	COSTIM_up
HLA-DRB5	COSTIM_up
MAFK	COSTIM_up
GPN1	COSTIM_up
ZNF511	COSTIM_up
WDHD1	COSTIM_up
DDX39B	COSTIM_up
BAZ1A	COSTIM_up
COPS8	COSTIM_up
PPIAP22	COSTIM_up
KLHL9	COSTIM_up
C6orf89	COSTIM_up
CALM1	COSTIM_up

FAN1 COSTIM\_up  
EIF1AY COSTIM\_up  
MT-ND6 COSTIM\_up  
IP09 COSTIM\_up  
ANKRD13B COSTIM\_up  
UNC13B COSTIM\_up  
MT-CYB COSTIM\_up  
CTR9 COSTIM\_up  
MSRB1 COSTIM\_up  
GPATCH3 COSTIM\_up  
CDC42BPB COSTIM\_up  
OXCT2 COSTIM\_up  
RPL10A COSTIM\_up  
COLGALT2 COSTIM\_up  
MT-ND2 COSTIM\_up  
FAM169A COSTIM\_up  
MT-ND5 COSTIM\_up  
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MTOR COSTIM\_up  
ALPK2 COSTIM\_up  
PNP COSTIM\_up  
FOXJ3 COSTIM\_up  
SFT2D1 COSTIM\_up  
INPP5F COSTIM\_up  
HMG2 COSTIM\_up  
UBE2J1 COSTIM\_up  
OPA1 COSTIM\_up  
RZR3 COSTIM\_up  
KTI12 COSTIM\_up  
SELEN0T COSTIM\_up  
TOX COSTIM\_up  
RUSC2 COSTIM\_up  
OSTC COSTIM\_up  
TSEN15 COSTIM\_up  
GRK5 COSTIM\_up  
TYW1 COSTIM\_up  
DCAF12 COSTIM\_up  
ITPRIPL1 COSTIM\_up  
MT-ND4 COSTIM\_up  
MT-ND1 COSTIM\_up  
PRMT6 COSTIM\_up  
CAPZA2 COSTIM\_up  
MT-ATP6 COSTIM\_up  
TOP1 COSTIM\_up  
C1orf174 COSTIM\_up  
SPOUT1 COSTIM\_up  
RPL39 COSTIM\_up  
DCLRE1A COSTIM\_up  
APRT COSTIM\_up  
CCDC167 COSTIM\_up



MT-C03 COSTIM\_up  
SMG5 COSTIM\_up  
RNVU1-22 COSTIM\_up  
RN7SKP90 COSTIM\_up  
SNORD1B COSTIM\_up  
SNORA73B COSTIM\_up  
RNU6-1214P COSTIM\_up  
SNORA33 COSTIM\_up  
SNORD14E COSTIM\_up  
SNORA74A COSTIM\_up  
RNY1 COSTIM\_up  
RNU6-777P COSTIM\_up  
SNORA65 COSTIM\_up  
SNORD14B COSTIM\_up  
RNVU1-6 COSTIM\_up  
RNU6-619P COSTIM\_up  
RNY3 COSTIM\_up  
VTRNA1-3 COSTIM\_up  
E2F3P2 COSTIM\_up  
OR2T5 COSTIM\_up  
COX20 COSTIM\_up  
CENPW COSTIM\_up  
PRR9 COSTIM\_up  
EEF1AKMT2 COSTIM\_up  
GDI1 COSTIM\_up  
LINC00963 COSTIM\_up  
TRAF3IP1 COSTIM\_up  
ASAH2B COSTIM\_up  
AGAP6 COSTIM\_up  
TIMM23B COSTIM\_up  
ZDHHC18 COSTIM\_up  
AGAP9 COSTIM\_up  
BMS1P1 COSTIM\_up  
MAC01 COSTIM\_up  
PTPN20 COSTIM\_up  
RPL12P16 COSTIM\_up  
DAXX COSTIM\_up  
PFDN6 COSTIM\_up  
RING1 COSTIM\_up  
HSD17B8 COSTIM\_up  
RXRB COSTIM\_up  
BRD2 COSTIM\_up  
PSMB8 COSTIM\_up  
TAP2 COSTIM\_up  
NBDY COSTIM\_up  
HLA-DRA COSTIM\_up  
RNF5 COSTIM\_up  
AGPAT1 COSTIM\_up  
FKBPL COSTIM\_up  
MRPL38 COSTIM\_up

STK19	COSTIM_up
SKIV2L	COSTIM_up
NELFE	COSTIM_up
SDHD	COSTIM_up
NEU1	COSTIM_up
SNHG32	COSTIM_up
HSPA1B	COSTIM_up
HSPA1A	COSTIM_up
LSM2	COSTIM_up
VAR51	COSTIM_up
MSH5	COSTIM_up
CSNK2B	COSTIM_up
GPANK1	COSTIM_up
BAG6	COSTIM_up
PRRC2A	COSTIM_up
LST1	COSTIM_up
NFKBIL1	COSTIM_up
ZNF814	COSTIM_up
MICB	COSTIM_up
ZNF551	COSTIM_up
ZNF805	COSTIM_up
HLA-C	COSTIM_up
DHX16	COSTIM_up
MRPS18B	COSTIM_up
ABCF1	COSTIM_up
PRR3	COSTIM_up
LILRB3	COSTIM_up
GNL1	COSTIM_up
HLA-E	COSTIM_up
PPP1R11	COSTIM_up
RACK1	COSTIM_up
HLA-F	COSTIM_up
ZFP57	COSTIM_up
AKT1S1	COSTIM_up
TRIM27	COSTIM_up
MRPL53	COSTIM_up
DCTN1	COSTIM_up
FAM216A	COSTIM_up
MZT1	COSTIM_up
UQCC3	COSTIM_up
ZNF783	COSTIM_up
C12orf73	COSTIM_up
SLC35B4	COSTIM_up
PSENFEN	COSTIM_up
ZBTB10	COSTIM_up
C4orf46	COSTIM_up
PSMB10	COSTIM_up
E2F4	COSTIM_up
TMEM170B	COSTIM_up
SARNP	COSTIM_up

IP07 COSTIM\_up  
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NAP1L4 COSTIM\_up  
TMSB4X COSTIM\_up  
SMN2 COSTIM\_up  
SERF1B COSTIM\_up  
HMG1 COSTIM\_up  
EIF3CL COSTIM\_up  
DPF3 COSTIM\_up  
RNPS1 COSTIM\_up  
HSP90AB2P COSTIM\_up  
DNAJC19 COSTIM\_up  
JPT2 COSTIM\_up  
HCP5 COSTIM\_up  
HLA-H COSTIM\_up  
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SNORD83A COSTIM\_up  
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MT-TV COSTIM\_up  
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MT-TA COSTIM\_up  
MT-TN COSTIM\_up  
MT-TC COSTIM\_up  
MT-TY COSTIM\_up  
MT-TE COSTIM\_up  
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TSN COSTIM\_up  
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TAS2R13 COSTIM\_up  
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NUP62 COSTIM\_up  
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DENND1B COSTIM\_up  
SCAF8 COSTIM\_up  
CRIP1 COSTIM\_up  
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DNLZ COSTIM\_up  
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NRAS COSTIM\_up  
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QTRT1 COSTIM\_up  
CHUK COSTIM\_up  
RPS3P6 COSTIM\_up  
COG8 COSTIM\_up  
HAUS7 COSTIM\_up  
SYNJ2BP COSTIM\_up  
ARL2 COSTIM\_up  
FIRRE COSTIM\_up  
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SRA1 COSTIM\_up  
YBX1P6 COSTIM\_up  
DNAJC9 COSTIM\_up  
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VDAC1 COSTIM\_up  
ZBTB9 COSTIM\_up  
TMX2 COSTIM\_up  
NDUFS3 COSTIM\_up  
ADAT3 COSTIM\_up  
PPP1CB COSTIM\_up  
LAT COSTIM\_up  
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CLIC1 COSTIM\_up  
RPS29 COSTIM\_up  
CENPBD1P1 COSTIM\_up  
GTF2H4 COSTIM\_up  
DDX47 COSTIM\_up  
TMX2P1 COSTIM\_up  
RPL21P75 COSTIM\_up  
YBX1P10 COSTIM\_up

RPL13AP7 COSTIM\_up  
ITGA1 COSTIM\_up  
NUDT19 COSTIM\_up  
PGAM1P7 COSTIM\_up  
REPIN1 COSTIM\_up  
MRPL23 COSTIM\_up  
TSPAN4 COSTIM\_up  
LYRM4 COSTIM\_up  
MYCBP COSTIM\_up  
ALG3 COSTIM\_up  
ST7-OT4 COSTIM\_up  
ZNF788P COSTIM\_up  
SH3D21 COSTIM\_up  
SMIM30 COSTIM\_up  
TTC41P COSTIM\_up  
EEF1A1P12 COSTIM\_up  
HNRNPA1P10 COSTIM\_up  
FIS1 COSTIM\_up  
SOGA3 COSTIM\_up  
RPS3AP26 COSTIM\_up  
FAM187A COSTIM\_up  
PPME1 COSTIM\_up  
NUTM2D COSTIM\_up  
B3GNT10 COSTIM\_up  
IFRD2 COSTIM\_up  
ZBED1 COSTIM\_up  
TOMM6 COSTIM\_up  
HNRNPUL2 COSTIM\_up  
CYCSP55 COSTIM\_up  
LRRC69 COSTIM\_up  
DNAJA1P3 COSTIM\_up  
PHB2 COSTIM\_up  
NEURL4 COSTIM\_up  
UBXN2B COSTIM\_up  
CBWD6 COSTIM\_up  
PEX26 COSTIM\_up  
FASTKD5 COSTIM\_up  
HOMEZ COSTIM\_up  
DDX3X COSTIM\_up  
VPS16 COSTIM\_up  
MYL5 COSTIM\_up  
MIR17HG COSTIM\_up  
MCM3AP-AS1 COSTIM\_up  
AATBC COSTIM\_up  
GCGR COSTIM\_up  
KRT19P2 COSTIM\_up  
IFI30 COSTIM\_up  
MTC02P33 COSTIM\_up  
HMGB1P17 COSTIM\_up  
PAM16 COSTIM\_up

TATDN2P2 COSTIM\_up  
NEPNP COSTIM\_up  
MORF4L1P1 COSTIM\_up  
ZNF579 COSTIM\_up  
ARL4AP5 COSTIM\_up  
RNASEK COSTIM\_up  
PPIAP9 COSTIM\_up  
ZSCAN12P1 COSTIM\_up  
ASS1P1 COSTIM\_up  
RPL21P16 COSTIM\_up  
HSPE1P26 COSTIM\_up  
MIR663B COSTIM\_up  
PPP3R1 COSTIM\_up  
AP4M1 COSTIM\_up  
HMSD COSTIM\_up  
PPP2R2A COSTIM\_up  
TRIM16 COSTIM\_up  
UBA52 COSTIM\_up  
BTBD19 COSTIM\_up  
CYTOR COSTIM\_up  
SNORD19C COSTIM\_up  
SNORD12B COSTIM\_up  
RNA5SP44 COSTIM\_up  
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EXOSC6 COSTIM\_up  
HLA-DQB1-AS1 COSTIM\_up  
SAMSN1-AS1 COSTIM\_up  
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MIR3681HG COSTIM\_up  
C5orf66 COSTIM\_up  
DTNB-AS1 COSTIM\_up  
MDC1-AS1 COSTIM\_up  
HSP90AA2P COSTIM\_up  
ADM5 COSTIM\_up  
SMIM13 COSTIM\_up  
HNRNPA1P48 COSTIM\_up  
SVIL-AS1 COSTIM\_up  
RPS27AP16 COSTIM\_up  
LINC00240 COSTIM\_up  
MRPL20-AS1 COSTIM\_up  
NDUFAF8 COSTIM\_up  
VPS26BP1 COSTIM\_up  
DYNC1I2P1 COSTIM\_up  
SLC9A3-AS1 COSTIM\_up  
GOLGA2P7 COSTIM\_up

NPM1P39 COSTIM\_up  
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RPSAP58 COSTIM\_up  
RBMS1P1 COSTIM\_up  
C2CD4D COSTIM\_up  
MTND2P28 COSTIM\_up  
MCRIP1 COSTIM\_up  
FGD5-AS1 COSTIM\_up  
NPM1P18 COSTIM\_up  
OR6V1 COSTIM\_up  
RUSC1-AS1 COSTIM\_up  
NOL7 COSTIM\_up  
MTND1P23 COSTIM\_up  
YBX1P8 COSTIM\_up  
UQCRFS1P1 COSTIM\_up  
GTF2H2B COSTIM\_up  
CFLAR-AS1 COSTIM\_up  
SLC16A1-AS1 COSTIM\_up  
PLCL2-AS1 COSTIM\_up  
TMEM185B COSTIM\_up  
TEX41 COSTIM\_up  
NAALADL2-AS2 COSTIM\_up  
LINC01276 COSTIM\_up  
DANCR COSTIM\_up  
LTA COSTIM\_up  
LINC01692 COSTIM\_up  
FUNDC2P4 COSTIM\_up  
WDR46 COSTIM\_up  
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LINC01630 COSTIM\_up  
LINC02672 COSTIM\_up  
MIR663AHG COSTIM\_up  
SCAMP4 COSTIM\_up  
RCC2-AS1 COSTIM\_up  
MYL12BP2 COSTIM\_up  
RPL23AP89 COSTIM\_up  
RAPGEF4-AS1 COSTIM\_up  
PABPC4-AS1 COSTIM\_up  
MELTF-AS1 COSTIM\_up  
NACA4P COSTIM\_up  
GAPDHP1 COSTIM\_up  
MT-ATP8 COSTIM\_up  
PSMD8P1 COSTIM\_up  
FAM174C COSTIM\_up  
LINC02474 COSTIM\_up  
OST4 COSTIM\_up  
MIR34AHG COSTIM\_up  
SNHG26 COSTIM\_up  
SAPCD1 COSTIM\_up  
HCG22 COSTIM\_up

LINC01128 COSTIM\_up  
RASA4CP COSTIM\_up  
AKR7A2P1 COSTIM\_up  
RPL41 COSTIM\_up  
ST13P13 COSTIM\_up  
RALGAPA1P1 COSTIM\_up  
RPL4P4 COSTIM\_up  
NAMPTP1 COSTIM\_up  
PET100 COSTIM\_up  
RPL4P6 COSTIM\_up  
TPRG1-AS2 COSTIM\_up  
ACBD6 COSTIM\_up  
EXOSC10-AS1 COSTIM\_up  
HLA-K COSTIM\_up  
YY2 COSTIM\_up  
LINC02541 COSTIM\_up  
HSBP1 COSTIM\_up  
ECE1-AS1 COSTIM\_up  
HLA-DPA1 COSTIM\_up  
RPS18 COSTIM\_up  
PRH1 COSTIM\_up  
MTND5P15 COSTIM\_up  
TAPBP COSTIM\_up  
FAM242A COSTIM\_up  
LSM12P1 COSTIM\_up  
TMA7 COSTIM\_up  
MCTS1 COSTIM\_up  
IMPDH1P10 COSTIM\_up  
USP12-AS1 COSTIM\_up  
SMIM26 COSTIM\_up  
AJM1 COSTIM\_up  
EMSLR COSTIM\_up  
EEF1B2P3 COSTIM\_up  
MRTFA-AS1 COSTIM\_up  
MRAP-AS1 COSTIM\_up  
HLA-DQB2 COSTIM\_up  
LINC00665 COSTIM\_up  
PET117 COSTIM\_up  
SNHG15 COSTIM\_up  
VPS13A-AS1 COSTIM\_up  
SNHG7 COSTIM\_up  
NPIPA9 COSTIM\_up  
EEF1A1P14 COSTIM\_up  
LINC00456 COSTIM\_up  
LINC01762 COSTIM\_up  
KLF4P1 COSTIM\_up  
SNRPEP4 COSTIM\_up  
EEF1A1P6 COSTIM\_up  
HNRNPLP1 COSTIM\_up  
FAM224A COSTIM\_up



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YEATS2-AS1 COSTIM\_up  
TXNP6 COSTIM\_up  
NUDT9P1 COSTIM\_up  
TPT1P1 COSTIM\_up  
TRIM26 COSTIM\_up  
HSPA8P1 COSTIM\_up  
LINC01283 COSTIM\_up  
GAPDHP49 COSTIM\_up  
C2CD4D-AS1 COSTIM\_up  
RPSAP9 COSTIM\_up  
YWHAEP5 COSTIM\_up  
GAS5 COSTIM\_up  
EIF5AP4 COSTIM\_up  
HLA-B COSTIM\_up  
FOXP4-AS1 COSTIM\_up  
LINC02621 COSTIM\_up  
SLC25A25-AS1 COSTIM\_up  
HSPA8P3 COSTIM\_up  
NXT1-AS1 COSTIM\_up  
RPL23AP42 COSTIM\_up  
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LINC00163 COSTIM\_up  
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MIR155HG COSTIM\_up  
SNHG20 COSTIM\_up  
FABP5P7 COSTIM\_up  
COX20P2 COSTIM\_up  
HGH1 COSTIM\_up  
SNORA71B COSTIM\_up  
L3MBTL2-AS1 COSTIM\_up  
RPL6P27 COSTIM\_up  
NUS1P1 COSTIM\_up  
H3P6 COSTIM\_up  
BHLHE40-AS1 COSTIM\_up  
CPB2-AS1 COSTIM\_up  
ASMTL-AS1 COSTIM\_up  
TAS2R39 COSTIM\_up  
KCNMA1-AS1 COSTIM\_up  
RPL13AP5 COSTIM\_up  
BCL2L1-AS1 COSTIM\_up  
EIF1AXP1 COSTIM\_up  
MKLN1-AS COSTIM\_up  
LINC00106 COSTIM\_up  
PRMT5-AS1 COSTIM\_up  
CDKN2AIPNL COSTIM\_up  
ZNF295-AS1 COSTIM\_up  
RSL24D1P8 COSTIM\_up  
SMG1P1 COSTIM\_up

TTN-AS1 COSTIM\_up  
SRRM1P3 COSTIM\_up  
RNF223 COSTIM\_up  
WAKMAR2 COSTIM\_up  
HLA-DQA2 COSTIM\_up  
KLF7-IT1 COSTIM\_up  
CELF2-AS2 COSTIM\_up  
TNFRSF14-AS1 COSTIM\_up  
LRIG2-DT COSTIM\_up  
TMEM250 COSTIM\_up  
RNVU1-2 COSTIM\_up  
NME1 COSTIM\_up  
APOBEC3G COSTIM\_up  
MRPS17 COSTIM\_up  
GET4 COSTIM\_up  
ADSL COSTIM\_up  
LILRA4 COSTIM\_up  
RN7SL254P COSTIM\_up  
RPS2P5 COSTIM\_up  
RPL23AP7 COSTIM\_up  
RPL13P5 COSTIM\_up  
SETP14 COSTIM\_up  
L1TD1 COSTIM\_up  
ISY1 COSTIM\_up  
RN7SL288P COSTIM\_up  
TMEM189 COSTIM\_up  
RDH14 COSTIM\_up  
MIF COSTIM\_up  
TPM3P9 COSTIM\_up  
ARHGAP31-AS1 COSTIM\_up  
RN7SL443P COSTIM\_up  
RN7SL302P COSTIM\_up  
CRCP COSTIM\_up  
PDXP COSTIM\_up  
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ATP5MF COSTIM\_up  
PSMC1P1 COSTIM\_up  
CBX5P1 COSTIM\_up  
ARPC4 COSTIM\_up  
ARPC1A COSTIM\_up  
ATP5P0 COSTIM\_up  
PLEKH02 COSTIM\_up  
PISD COSTIM\_up  
PWP2 COSTIM\_up  
RPL7AP6 COSTIM\_up  
MTFP1 COSTIM\_up  
SNHG3 COSTIM\_up  
ARFGAP3 COSTIM\_up  
EIF6 COSTIM\_up  
MRPL20 COSTIM\_up

DECR2 COSTIM\_up  
GNG10 COSTIM\_up  
CNTF COSTIM\_up  
RN7SL40P COSTIM\_up  
AP5Z1 COSTIM\_up  
RN7SL846P COSTIM\_up  
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EIF4EBP3 COSTIM\_up  
MRPL33 COSTIM\_up  
PPAN-P2RY11 COSTIM\_up  
TICAM2 COSTIM\_up  
C4orf48 COSTIM\_up  
NME2 COSTIM\_up  
TTC4 COSTIM\_up  
HLA-L COSTIM\_up  
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ACY1 COSTIM\_up  
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DDOST COSTIM\_up  
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ATP1B3-AS1 COSTIM\_up  
P2RY11 COSTIM\_up  
TMEM141 COSTIM\_up  
TMEM225B COSTIM\_up  
SIAH2-AS1 COSTIM\_up  
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RBM12 COSTIM\_up  
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UBE2V1 COSTIM\_up  
SMARCA5-AS1 COSTIM\_up  
EEF1A1P4 COSTIM\_up  
ARNTL2-AS1 COSTIM\_up  
SNHG6 COSTIM\_up  
RRS1-AS1 COSTIM\_up  
SOCS2-AS1 COSTIM\_up  
PGAM5 COSTIM\_up  
SNHG10 COSTIM\_up  
ZCCHC3 COSTIM\_up  
DNAJC3-DT COSTIM\_up  
SPTY2D10S COSTIM\_up  
MARS2 COSTIM\_up  
MTND4P12 COSTIM\_up  
NRAV COSTIM\_up  
ANK2-AS1 COSTIM\_up  
CDK11B COSTIM\_up  
MTATP6P1 COSTIM\_up  
LY75-CD302 COSTIM\_up  
ATP5MF-PTCD1 COSTIM\_up  
LINC02362 COSTIM\_up

HAUS5 COSTIM\_up  
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IL20RB-AS1 COSTIM\_up  
SERBP1P5 COSTIM\_up  
NOP14-AS1 COSTIM\_up  
PVT1 COSTIM\_up  
PDCD6 COSTIM\_up  
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YJEFN3 COSTIM\_up  
ANKRD33B-AS1 COSTIM\_up  
ARPC4-TTLL3 COSTIM\_up  
EEF1A1P13 COSTIM\_up  
PKD1P6 COSTIM\_up  
MRPS31P4 COSTIM\_up  
LINC02260 COSTIM\_up  
CHCHD10 COSTIM\_up  
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LINC01181 COSTIM\_up  
TMED7-TICAM2 COSTIM\_up  
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CENPS-CORT COSTIM\_up  
LINC02201 COSTIM\_up  
SNORA74D COSTIM\_up  
RNU7-13P COSTIM\_up  
RNU6-786P COSTIM\_up  
RNU6-1003P COSTIM\_up  
KLF3P1 COSTIM\_up  
C8orf88 COSTIM\_up  
SHLD3 COSTIM\_up  
LINC01845 COSTIM\_up  
SERPINE3 COSTIM\_up  
LINC02099 COSTIM\_up  
MIR3142HG COSTIM\_up  
MTC01P4 COSTIM\_up  
ALG11 COSTIM\_up  
PRKDC COSTIM\_up  
MTND1P5 COSTIM\_up  
SLC2A3P1 COSTIM\_up  
THAP12P7 COSTIM\_up  
LYN COSTIM\_up  
PINX1 COSTIM\_up  
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LINC02365 COSTIM\_up  
CHKB-CPT1B COSTIM\_up  
LINC02732 COSTIM\_up  
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PHBP2 COSTIM\_up  
BBOX1-AS1 COSTIM\_up  
PKD1P5 COSTIM\_up

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BORCS8 COSTIM\_up  
DPP3 COSTIM\_up  
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BRK1 COSTIM\_up  
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ZFP91-CNTF COSTIM\_up  
EID3 COSTIM\_up  
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HTD2 COSTIM\_up  
NECTIN1-AS1 COSTIM\_up  
EID1 COSTIM\_up  
UVRAG-DT COSTIM\_up  
POLR2M COSTIM\_up  
FDXACB1 COSTIM\_up  
RAB44 COSTIM\_up  
SNHG1 COSTIM\_up  
GOLGA2P10 COSTIM\_up  
CCND2-AS1 COSTIM\_up  
COA8 COSTIM\_up  
LINC00944 COSTIM\_up  
SMLR1 COSTIM\_up  
HMBS COSTIM\_up  
HSPA8P5 COSTIM\_up  
SMIM10L1 COSTIM\_up  
PPP1R14B-AS1 COSTIM\_up  
LSM14A COSTIM\_up  
GATC COSTIM\_up  
LINC02388 COSTIM\_up  
ZNF271P COSTIM\_up  
HSPD1P4 COSTIM\_up  
GIHCG COSTIM\_up  
CPNE8-AS1 COSTIM\_up  
CNPY2 COSTIM\_up  
LINC02416 COSTIM\_up  
CLEC5A COSTIM\_up  
NENFP2 COSTIM\_up  
CHURC1 COSTIM\_up  
C17orf49 COSTIM\_up  
RTEL1 COSTIM\_up  
PDF COSTIM\_up  
LINC00641 COSTIM\_up  
BCL2L2-PABPN1 COSTIM\_up  
HSPE1P2 COSTIM\_up  
EEF1A1P33 COSTIM\_up  
NDUFC2-KCTD14 COSTIM\_up  
LINC00924 COSTIM\_up  
CSPG4P12 COSTIM\_up

ZHX1-C8orf76 COSTIM\_up  
INAFM2 COSTIM\_up  
TGIF2-RAB5IF COSTIM\_up  
UBE2Q2P2 COSTIM\_up  
THTPA COSTIM\_up  
MRPL46 COSTIM\_up  
TYR03P COSTIM\_up  
EHD4-AS1 COSTIM\_up  
IL21R-AS1 COSTIM\_up  
RBM15B COSTIM\_up  
NORAD COSTIM\_up  
LINC02166 COSTIM\_up  
SNHG19 COSTIM\_up  
ATP2A1-AS1 COSTIM\_up  
SLC7A5P1 COSTIM\_up  
LINC01963 COSTIM\_up  
LINC01311 COSTIM\_up  
TMEM178B COSTIM\_up  
ZNF865 COSTIM\_up  
BOP1 COSTIM\_up  
VPS9D1-AS1 COSTIM\_up  
TMEM249 COSTIM\_up  
GAN COSTIM\_up  
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LINC00662 COSTIM\_up  
LINC01978 COSTIM\_up  
COR07 COSTIM\_up  
MIR193BHG COSTIM\_up  
LINC01979 COSTIM\_up  
OVCA2 COSTIM\_up  
MRPL12 COSTIM\_up  
CCNQ COSTIM\_up  
MIR378H COSTIM\_up  
RN7SL471P COSTIM\_up  
AK4P1 COSTIM\_up  
UBBP4 COSTIM\_up  
RN7SL4P COSTIM\_up  
LINC00667 COSTIM\_up  
SNORD43 COSTIM\_up  
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SINHCAFP1 COSTIM\_up  
RHEX COSTIM\_up  
MIR3681 COSTIM\_up  
MIR4670 COSTIM\_up  
RNU4ATAC COSTIM\_up  
RN7SL753P COSTIM\_up  
MIR548AC COSTIM\_up  
MIR3648-2 COSTIM\_up  
OTUD7B COSTIM\_up  
MIR4511 COSTIM\_up

SNORD3C COSTIM\_up  
AGAP12P COSTIM\_up  
MIR3142 COSTIM\_up  
RBM8A COSTIM\_up  
TIMM23 COSTIM\_up  
RNF115 COSTIM\_up  
RPL17 COSTIM\_up  
MAFG-DT COSTIM\_up  
RN7SL5P COSTIM\_up  
SNHG25 COSTIM\_up  
NCOA4 COSTIM\_up  
MRPS21 COSTIM\_up  
AARSD1 COSTIM\_up  
UPK3BL1 COSTIM\_up  
MIR497HG COSTIM\_up  
S1PR2 COSTIM\_up  
FDX2 COSTIM\_up  
SMIM22 COSTIM\_up  
NDUFV2P1 COSTIM\_up  
NDUFA7 COSTIM\_up  
ZNF587B COSTIM\_up  
PTOV1-AS2 COSTIM\_up  
SPIB COSTIM\_up  
SNHG8 COSTIM\_up  
COMMD3-BMI1 COSTIM\_up  
FMC1-LUC7L2 COSTIM\_up  
MIR222HG COSTIM\_up  
GAS5-AS1 COSTIM\_up  
TERC COSTIM\_up  
NCBP2AS2 COSTIM\_up  
TAF15 COSTIM\_up  
RNVU1-31 COSTIM\_up  
RPS10-NUDT3 COSTIM\_up  
HNRNPA3P9 COSTIM\_up  
NUDT4P2 COSTIM\_up  
ARMCX5-GPRASP2 COSTIM\_up  
BNIP3P4 COSTIM\_up  
SRXN1 COSTIM\_up  
NBPF19 COSTIM\_up  
SNORA51 COSTIM\_up  
LINC02343 COSTIM\_up  
OR2AS2P COSTIM\_up  
SNORD14A COSTIM\_up  
GTF2H5 COSTIM\_up  
NUDT3 COSTIM\_up  
KMT2B COSTIM\_up  
DCP1A COSTIM\_up  
ATP6V1FNB COSTIM\_up  
CWC25 COSTIM\_up  
EPOP COSTIM\_up

CYFIP1 COSTIM\_up  
TAF9 COSTIM\_up  
NOL12 COSTIM\_up  
RN7SL2 COSTIM\_up  
SNORD1C COSTIM\_up  
RNVU1-27 COSTIM\_up  
SOCS7 COSTIM\_up  
H2BC6 COSTIM\_up  
RNVU1-25 COSTIM\_up  
NPEPPSP1 COSTIM\_up  
RCC1L COSTIM\_up  
SPDYE10P COSTIM\_up  
RN7SKP236 COSTIM\_up  
RNA5-8SN5 COSTIM\_up  
TBC1D3I COSTIM\_up  
RNU11 COSTIM\_up  
MLLT6 COSTIM\_up  
HMGB1P24 COSTIM\_up  
PPP4R3B COSTIM\_up  
SNORD91B COSTIM\_up  
LENG9 COSTIM\_up  
RNA5-8SN3 COSTIM\_up  
RNVU1-26 COSTIM\_up  
MIR1299 COSTIM\_up  
HNF1B COSTIM\_up  
RNVU1-19 COSTIM\_up  
AATF COSTIM\_up  
MIR3648-1 COSTIM\_up  
TUBGCP5 COSTIM\_up  
IKBKGP1 COSTIM\_up  
U2AF1L5 COSTIM\_up  
SNORD27 COSTIM\_up  
ORAI1 COSTIM\_up  
RN7SL1 COSTIM\_up  
TADA2A COSTIM\_up  
PIP4K2B COSTIM\_up  
RNA5-8SN4 COSTIM\_up  
CSPG4P10 COSTIM\_up  
MIR6821 COSTIM\_up  
LINC02227 COSTIM\_up  
MIR6797 COSTIM\_up  
PIGW COSTIM\_up  
GPR179 COSTIM\_up  
SEC22B4P COSTIM\_up  
MARCKS COSTIM\_up  
GPIHBP1 COSTIM\_up  
CCL3 COSTIM\_up  
PSMB3 COSTIM\_up  
SEN3-EIF4A1 COSTIM\_up  
DDX52 COSTIM\_up



RNA5-8SN1 COSTIM\_up  
RNA5-8SN2 COSTIM\_up  
MY019 COSTIM\_up  
GGNBP2 COSTIM\_up  
PMS2P2 COSTIM\_up  
DHRS11 COSTIM\_up  
ACACA COSTIM\_up  
C11orf98 COSTIM\_up  
MRM1 COSTIM\_up  
GOLGA6L10 COSTIM\_up  
RN7SL3 COSTIM\_up  
MRPL45 COSTIM\_up  
SND1-IT1 COSTIM\_up  
OR2T11 COSTIM\_up  
WASH9P COSTIM\_up  
BCLAF1P2 COSTIM\_up  
TMEM75 COSTIM\_up  
ERICD COSTIM\_up  
LINC01943 COSTIM\_up  
JAKMIP2-AS1 COSTIM\_up  
PAGR1 COSTIM\_up  
SLFNL1-AS1 COSTIM\_up  
ABALON COSTIM\_up  
SNHG4 COSTIM\_up  
WASH5P COSTIM\_up  
PCBP2-OT1 COSTIM\_up  
HYMAI COSTIM\_up  
MIR4521 COSTIM\_up  
SC02 COSTIM\_up  
SMIM38 COSTIM\_up  
EEF1AKMT4 COSTIM\_up  
TBCE COSTIM\_up  
GGT1 COSTIM\_up  
DERPC COSTIM\_up  
RNVU1-8 COSTIM\_up