**Names of ER stress-related genes**

|  |
| --- |
| *AIFM1* |
| *DNAJC3* |
| *BCL2L1* |
| *ABCA7* |
| *BCL2L11* |
| *AGR2* |
| *ATF3* |
| *DDX3X* |
| *APAF1* |
| *NCK1* |
| *CREB3* |
| *ALOX5* |
| *BOK* |
| *ATF6* |
| *ATF4* |
| *EIF2AK3* |
| *ACADVL* |
| *NCK2* |
| *CREB3L1* |
| *AQP11* |
| *DDIT3* |
| *ATXN3* |
| *EIF4G1* |
| *EIF2AK4* |
| *ADD1* |
| *ATP2A1* |
| *PPP1R15B* |
| *GRINA* |
| *ATF6B* |
| *BAG6* |
| *ATP2A3* |
| *TMED2* |
| *HERPUD1* |
| *BAK1* |
| *CEBPB* |
| *HSPA1A* |
| *BFAR* |
| *PMAIP1* |
| *BAX* |
| *PPP1R15A* |
| *ALOX15* |
| *LRRK2* |
| *CLU* |
| *PTPN2* |
| *BCAP31* |
| *CREB3L3* |
| *MAGEA3* |
| *RNF183* |
| *ERP29* |
| *AMFR* |
| *BBC3* |
| *OPA1* |
| *SERINC3* |
| *HSPA5* |
| *ANKS4B* |
| *BCL2* |
| *PARK7* |
| *DDRGK1* |
| *SIRT1* |
| *CAV1* |
| *MBTPS2* |
| *SESN2* |
| *ANKZF1* |
| *PDX1* |
| *DNAJB9* |
| *DAB2IP* |
| *TP53* |
| *PRKN* |
| *PTPN1* |
| *ERN1* |
| *ARFGAP1* |
| *BRSK2* |
| *SELENOS* |
| *FCGR2B* |
| *ASNS* |
| *CASP4* |
| *SYVN1* |
| *TMBIM6* |
| *CHAC1* |
| *TXNDC12* |
| *LPCAT3* |
| *XBP1* |
| *NFE2L2* |
| *COPS5* |
| *PIK3R1* |
| *ATG10* |
| *ATP2A2* |
| *DNAJC10* |
| *NR1H2* |
| *NR1H3* |
| *ATP6V0D1* |
| *ERN2* |
| *RNF185* |
| *AUP1* |
| *ERO1A* |
| *RNFT1* |
| *SGTA* |
| *TMEM259* |
| *FICD* |
| *ITPR1* |
| *RACK1* |
| *TMEM33* |
| *UBQLN1* |
| *UBQLN2* |
| *MAP3K5* |
| *SVIP* |
| *USP13* |
| *BHLHA15* |
| *MANF* |
| *CALR* |
| *UBXN1* |
| *CALR3* |
| *UFL1* |
| *CANX* |
| *PML* |
| *USP14* |
| *USP25* |
| *WFS1* |
| *CCDC47* |
| *CCL2* |
| *NUPR1* |
| *CCND1* |
| *CDK5RAP3* |
| *RNF186* |
| *SELENOK* |
| *CERT1* |
| *PIGBOS1* |
| *CFTR* |
| *CLGN* |
| *TMEM117* |
| *TNFRSF10B* |
| *CREB3L2* |
| *TRAF2* |
| *TRIB3* |
| *CREB3L4* |
| *CREBRF* |
| *UBE2K* |
| *CTDSP2* |
| *CTH* |
| *CUL7* |
| *CXCL8* |
| *CXXC1* |
| *DCTN1* |
| *DDX11* |
| *DERL1* |
| *DERL2* |
| *DERL3* |
| *DNAJB11* |
| *DNAJB12* |
| *DNAJB14* |
| *DNAJB2* |
| *USP19* |
| *DNAJC18* |
| *ECPAS* |
| *EDEM1* |
| *EDEM2* |
| *EDEM3* |
| *EEF2* |
| *EIF2B5* |
| *EIF2S1* |
| *EP300* |
| *ERLEC1* |
| *ERLIN1* |
| *ERLIN2* |
| *ERMP1* |
| *ERP27* |
| *ERP44* |
| *EXTL1* |
| *EXTL2* |
| *EXTL3* |
| *FAF2* |
| *FBXO17* |
| *FBXO2* |
| *FBXO27* |
| *FBXO44* |
| *FBXO6* |
| *FGF21* |
| *FKBP14* |
| *FLOT1* |
| *FOXRED2* |
| *GET3* |
| *GET4* |
| *GFPT1* |
| *GORASP2* |
| *GOSR2* |
| *GSK3A* |
| *GSK3B* |
| *HDGF* |
| *HERPUD2* |
| *HM13* |
| *HSP90B1* |
| *HYOU1* |
| *IGFBP1* |
| *JKAMP* |
| *JUN* |
| *KDELR3* |
| *KLHDC3* |
| *LMNA* |
| *MAN1A1* |
| *MAN1B1* |
| *MARCHF6* |
| *MBTPS1* |
| *MIR200C* |
| *MYDGF* |
| *NCCRP1* |
| *NHLRC1* |
| *NIBAN1* |
| *NPLOC4* |
| *NRBF2* |
| *OS9* |
| *P4HB* |
| *PARP16* |
| *PDIA2* |
| *PDIA3* |
| *PDIA4* |
| *PDIA5* |
| *PDIA6* |
| *PIK3R2* |
| *PLA2G4B* |
| *POMT2* |
| *PPP2CB* |
| *PPP2R5B* |
| *PREB* |
| *PSMC6* |
| *RASGRF1* |
| *RASGRF2* |
| *RCN3* |
| *RHBDD1* |
| *RHBDD2* |
| *RNF103* |
| *RNF121* |
| *RNF139* |
| *RNF175* |
| *RNF5* |
| *SCAMP5* |
| *SDF2L1* |
| *SEC16A* |
| *SEC31A* |
| *SEC61B* |
| *SEL1L* |
| *SEL1L2* |
| *SERP1* |
| *SERP2* |
| *SGTB* |
| *SHC1* |
| *SRPRA* |
| *SRPRB* |
| *SRPX* |
| *SSR1* |
| *STT3B* |
| *STUB1* |
| *SULT1A3* |
| *SULT1A4* |
| *TARDBP* |
| *TATDN2* |
| *TBL2* |
| *THBS1* |
| *THBS4* |
| *TLN1* |
| *TMCO1* |
| *TMEM129* |
| *TMEM67* |
| *TMTC3* |
| *TMTC4* |
| *TMUB1* |
| *TMUB2* |
| *TMX1* |
| *TOR1A* |
| *TPP1* |
| *TRIM13* |
| *TRIM25* |
| *TSPYL2* |
| *TTC23L* |
| *UBA5* |
| *UBAC2* |
| *UBE2G2* |
| *UBE2J1* |
| *UBE2J2* |
| *UBE4A* |
| *UBE4B* |
| *UBXN4* |
| *UBXN6* |
| *UBXN8* |
| *UFC1* |
| *UFD1* |
| *UFM1* |
| *UGGT1* |
| *UGGT2* |
| *UMOD* |
| *VAPB* |
| *VCP* |
| *WIPI1* |
| *YIF1A* |
| *YOD1* |
| *ZBTB17* |