

Figure S1. Project analysis flow chart.

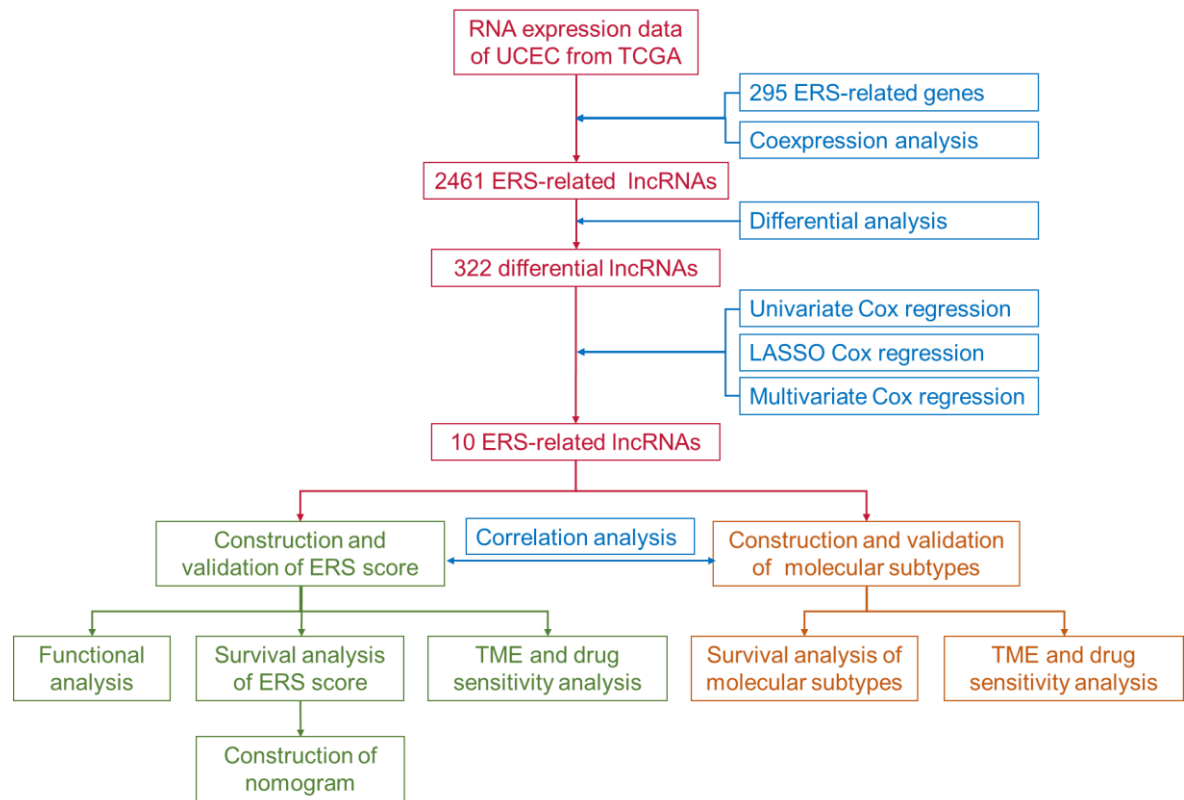


Table S1. Summary of 295 endoplasmic reticulum stress-related genes

ERS-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
KDEL3	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	WIP1	YIF1A	YOD1	ZBTB17
