

SUPPLEMENTARY DATA

Supplementary Table 1. The sequences of primers used in RT-PCR.

Primers name	Primer sources	Primer sequences
Calnexin-F	Primerbank ID: 6671664a1	ATGGAAGGGAAGTGGTACTGT
Calnexin-R		GCTTTGTAGGTGACCTTTGGAG
GRP94-F	Primerbank ID: 6755863a1	TCGTCAGAGCTGATGATGAAGT
GRP94-R		GCGTTTAACCCATCCAAGTGAAT
PDIA3-F	Primerbank ID: 6679687a1	CGCCTCCGATGTGTTGGA
PDIA3-R		CAGTGCAATCCACCTTTGCTAA
BiP-F	Primerbank ID: 31981722a1	ACTTGGGGACCACCTATTCCT
BiP-R		ATCGCCAATCAGACGCTCC
IRE1 α -F	Primerbank ID: 13249351a1	ACACCGACCACCGTATCTCA
IRE1 α -R		CTCAGGATAATGGTAGCCATGTC
CHOP-F	Own design	CGGAACCTGAGGAGAGAGTG
CHOP-R		CTGTCAGCCAAGCTAGGGAC

F: forward; R: reverse.

Supplementary Table 2. The dilutions and sources of antibodies in immunoblotting.

Antibodies name	Antibody sources	Dilution method
p-IRE1 α	Cell Signaling technology	1:1000
IRE1 α	Cell Signaling technology	1:1000
p-PERK	Cell Signaling technology	1:1000
PERK	Cell Signaling technology	1:1000
p-eIF2 α	Cell Signaling technology	1:1000
eIF2 α	Cell Signaling technology	1:1000
CHOP	Cell Signaling technology	1:1000
Caspase8	ENZO life sciences	1:1000
Caspase 3	EMD Millipore	1:1000
β -actin	Abcam	1:2000