

Supplementary Table 1: The primers of mouse HSP110 family, ERS sensors, downstream signaling components and β -actin with annealing temperatures

<i>Primers</i>	<i>Sequence of primers</i>	<i>PCR amplification T_m</i>	<i>GenBank accession number</i>
HSPA4	Forward: AGCCAGGTAATTTCTAAT Reverse: TAGGAACCGAGACAACAC	48°C	NM008300.3
HSPA4I	Forward: AATGGACGGACAGAGTGG Reverse: GTGGATGGTTGCCGAGTA	51°C	NM011020.3
ORP150	Forward: AAGTGAAGCCATTTGTTGTG Reverse: TTGGAICTAGTCCGGGATA	50°C	NM021395.4
HSPH1	Forward: GTGAATGCCACCCTAATG Reverse: AGGACCCTGACACCAAAG	51°C	NM013559.2
GRP78	Forward: GAACCAACTCAGTCCAA Reverse: GCAATAGTGCCAGCATCT	50°C	NM001163434.1
GADD153	Forward: TCCCTGCCTTTCACCTTG Reverse: CGTTCTCTGCTCCTTCTC	53°C	NM007837.4
PERK	Forward: AGTTTCCGTTGCTGATTG Reverse: GTATGGATACTGGAGATTGA	50°C	NM010121.4
IRE-1	Forward: TGGCATTGGACTTAGTGAGA Reverse: TTGTATGAGCGGAACCTTT	50°C	NM012016.2
ATF6	Forward: TTCCCAGGATTTTCAGCAGGT Reverse: TCAGCATCAGGAATGCGTGT	53°C	NM001081304.1
Bcl-2	Forward: GCTACCGTCGTGACTTCGC Reverse: TCCCAGCCTCCGTTATCC	55°C	NM009741.4
Bax	Forward: GATGCGTCCACCAAGAAG Reverse: AAGTAGAAGAGGGCAACCAC	52°C	NM007527.3
Bak	Forward: CCACCAGCAGGAACAGGA Reverse: CCAGACGGTAGCCAAAGC	55°C	NM007523.2
Caspase-12	Forward: TCCTGGTGTATGTCCC Reverse: TCAGCAGTGGCTATCCCT	51°C	NM009808.4
Caspase-9	Forward: TGGGACTCACAGCAAAGG Reverse: GAAGGGCAGAAGTTCACATT	51°C	NM015733.5
Caspase-8	Forward: TTGAAGGAAGGAAGAGT Reverse: GTGGATAGGATACAGCA	49°C	NM009812.2
XBP-1	Forward: ACACGCTTGGGAATGGACAC Reverse: CCATGGGAAGATGTTCTGGG.	50°C	NM013842.3
β -actin	Forward: GTCCCTCACCCCAAAG Reverse: GCTGCCTCAACCTCAACCC	54°C	NM007393.3

The forward and the reverse primers were chosen to span several introns to avoid genomic DNA amplification. Forward: forward primer; Reverse: reverse primer; T_m: annealing temperature; ERS: expression of endoplasmic reticulum stress; PCR: polymerase chain reaction