

Supplementary Table 1: Primer Sequences

Gene m=mouse, h=human	Primer Sequences Forward primer Reverse primer
<i>mIre1a</i>	5'GACCGGCAGTTCCAGTACAT3' 5'TTGAGAGAATGCAGGTGTGC3'
<i>mPerk</i>	5'CCGATGTCAGTGACAACAGCTG3' 5'AAGACAACGCCAAAGCCACCAC3'
<i>mAtf6</i>	5'GTCCAAAGCGAAGAGCTGTCTG3' 5'AGAGATGCCTCCTCTGATTGGC3'
<i>mGrp78</i>	5'TGTCTTCTCAGCATCAAGCAAGG3' 5'CCAACACTTCCTGGACAGGCTT3'
<i>mAtf4</i>	5'TCCTGAACAGCGAAGTGTTG3' 5'ACCCATGAGGTTTCAAGTGC3'
<i>mSrebp-1c</i>	5'GCAGCCACCATCTAGCCTG3' 5'CAGCAGTGAGTCTGCCTTGAT3'
<i>mGrp94</i>	5'CTCACAGAGCCTGTGGATGA3' 5'TCTCTGTTGCTTCCCGACTT3'
<i>mPdia3</i>	5'GAGGCTTGCCCCTGAGTATG3' 5'GTTGGCAGTGCAATCCACC3'
<i>mDnajb9</i>	5'ATAAAAGCCCTGATGCTGAAGC3' 5'GCCATTGGTAAAAGCACTGTGT3'
<i>mChop</i>	5'CAGGGTCAAGAGTAGTGAAGGT3' 5'CTGGAAGCCTGGTATGAGGAT3'
<i>mXbp1s</i>	5'GAGTCCGCAGCAGGTG3' 5'GTGTCAGAGTCCATGGGA3'
<i>18S rRNA</i>	5' GTAACCCGTTGAACCCATT3' 5' CCATCCAATCGGTAGTAGCG3'
<i>hGRP94</i>	5'CTGGGTCCAGCAGAAAAGAG3' 5'CTGGAACCTCTTCCCATCAA3'
<i>hATF4</i>	5'CCAACAACAGCAAGGAGGAT3' 5'GTGTCATCCAACGTGGTCAG3'
<i>hGRP78</i>	5'GCCGGCCAAGACAGCACAGA3' 5'GGGTCAACAAGGCGCCACGAA3'
<i>hXBP1s</i>	5'GGGATGGATGCCCTGGTT3' 5'GCCTGCACCTGCTGCGGA3'
<i>hDNAJB9</i>	5'AGCGGCTACCTCCTGCCTG3' 5'GGAGCTGGCACGCACCCT3'
<i>hCHOP</i>	5'GCACCTCCCAGAGCCCTC3' 5'CCCGGGCTGGGGAATGAC3'
<i>hPDIA3</i>	5'TCCCAGGCCTACCCTGGTG3' 5'GCTCAGCTGCGTGGCAAG3'

<i>hPERK</i>	5'GTCCCAAGGCTTTGGAATCTGTC3' 5'CCTACCAAGACAGGAGTTCTGG3'
<i>hATF6</i>	5'CAGACAGTACCAACGCTTATGCC3' 5'GCAGAACTCCAGGTGCTTGAAG3'
<i>hIRE1α</i>	5'CCGAACGTGATCCGCTACTTCT3' 5'CGCAAAGTCCTTCTGCTCCACA3'
<i>hIDH1</i>	5'AAGGATGCTGCAGAAGCTATAA3' 5'CTTGAACCTCCTCAACCCTCTTC3'