

Additional file 4: Table S1

The primers for qPCR		
Target gene	Forward primer	Reverse primer
HSPA5 (human)	5'- CATCACGCCGTCCTATGTCG-3'	5'- CGTCAAAGACCGTGTCTCG-3'
DDIT3 (human)	5'- GGAAACAGAGTGGTCATTCCC-3'	5'- CTGCTTGAGCCGTTCACTCTC-3'
ERN1 (human)	5'- CACAGTGACGCTTCCTGAAAC-3'	5'- GCCATCATTAGGATCTGGGAGA-3'
ATF4 (human)	5'- CTCCGGGACAGATTGGATGTT-3'	5'- GGCTGCTTATTAGTCTCCTGGAC-3'
IL6 (human)	5'-ACTCACCTCTTCAGAACGAATTG-3'	5'- CCATCTTTGGAAGGTTCAAGGTTG-3'
IL1A (human)	5'- TGGTAGTAGCAACCAACGGGA-3'	5'- ACTTTGATTGAGGGCGTCATTC-3'
IL8 (human)	5'- AAGGAAAAC TGGGTGCAGAG-3'	5'- ATTGCATCTGGCAACCCTAC-3'
CXCL10 (human)	5'- CCAGAATCGAAGGCCATCAA-3'	5'- CATTCCTTGCTAACTGCTTTCAG-3'
IL1B (human)	5'- CTGTCCTGCGTGTTGAAAGA-3'	5'- TTGGGTAATTTTGGGATCTACA-3'
CCL20 (human)	5'- TGCTGTACCAAGAGTTTGCTC-3'	5'- CGCACACAGACAACTTTTCTTT-3'
ASNS (human)	5'- GGAAGACAGCCCCGATTACT-3'	5'- AGCACGAAGTGTGTAATGTCA-3'
ASK1 (human)	5'- CTGCATTTTGGGAACTCGACT-3'	5'- AAGGTGGTAAAACAAGGACGG-3'
CDKN2A (human)	5'-ACCAGAGGCAGTAACCATGC-3'	5'-AAGTTTCCCGAGGTTTCTCA-3'
CDKN1A (human)	5'-AGCGATGGAACCTCGACTTTG-3'	5'-CGAAGTCACCCTCCAGTGGT-3'
LMNB1 (human)	5'-GGGAAGTTTATTCGCTTGAAGA-3'	5'-ATCTCCCAGCCTCCCATT-3'
PPIB (human)	5'- AAGTCACCGTCAAGGTGTATTT-3'	5'- TGCTGTTTTTGTAGCCAAATCCT-3'
GAPDH (human)	5'- CAACTACATGGTTTACATGTTC-3'	5'- GCCAGTGGACTCCACGAC-3'
ACTB (human)	5'- TGGATCAGCAAGCAGGAGTATG-3'	5'- GCATTTGCGGTGGACGAT-3'
18S (human)	5'-TAGAGGGACAAGTGGCGTTC-3'	5'-CGCTGAGCCAGTCAGTGT-3'
KCNJ10 (human)	5'- GCGCAAAAGCCTCCTCATT-3'	5'-CCTTCCTGGTTTGGTGGG-3'
MT D-Loop (human)	5'-CATCTGGTTCCTACTTCAGGG-3'	5'-CCGTGAGTGGTTAATAGGGTG-3'
MT-ND1 (human)	5'- GAACTAGTCTCAGGCTTCAACATCG- 3'	5'- CTAGGAAGATTGTAGTGGTGAGGGTG- 3'