

Table S1.

Target gene	Forward primer	Reverse primer
Krüppel-like factor 7 (KLF7)	CGGAGCGATGAGCTCAC AAG	TCATATGGAGCGCAAG ATGGTC
C/EBP β	CTATTTCTATGAGAAAA GAGGCGTATGTAT	ATTCTCCCAAAAAAGT TTATTAATAATGTCT
C/EBP α	TCTGCGAGCACGAGACG TC	AACTCGTCGTTGAAGG CGG
Peroxisome proliferator-activated receptor- γ (PPAR γ)	TTTAAAAACAAGACTAC CCTTTACTGAAATT	AGAGGTCCACAGAGCT GATTCC
Fatty acid binding protein 4 (FABP4)	CACCGCAGACGACAGGA AG	GCACCTGCACCAGGGC
Bax	CAGGATGCGTCCACCAA GAA	GTTGAAGTTGCCATCA GCAAACA
CHOP	AGCTGGAAGCCTGGTAT GAGGA	AGCTAGGGACGCAGGG TCAA
Bim	CGACAGTCTCAGGAGGA ACC	CCTTCTCCATACCAGA CGGA
Peroxiredoxin 1 (Prdx1)	ACACCCAAGAAACAAGG AGGATT	CAACGGGAAGATCGTT TATTGTTA
Prdx2	AACGCGCAAATCGGAAA GT	AGTCCTCAGCATGGTC GCTAA
Prdx3	GGCCACATGAACATCAC ACTGT	CAAACCTGGAACGCCTT TACCA
Prdx4	TCCTGTTGCGGACCGAA T	GATCTTGGCTTTGCTTA GATGCA
Prdx5	GAAAGAAGCAGGTTGGG AGTGT	CCCAGGGACTCCAAAC AAAA
Prdx6	TTGATGATAAGGGCAGG GAC	CTACCATCACGCTCTCT CCC

Catalase	GCGTCCAGTGCGCTGTA GA	TCAGGGTGGACGTCAG TGAA
Glutathione peroxidase 1 (Gpx1)	GGGACTACACCGAGATG AACGA	ACCATTCACTTCGCAC TTCTCA
Gpx3	GCCAGCTACTGAGGTCT GACAGA	CCACCTGGTCGAACAT ACTTGAG
Gpx4	TCTGGCAGGCACCATGT GT	CGGGCATGCAGATCGA CTA
Superoxide dismutase 1 (SOD1)	AGCATTCCATCATTGGC CGTA	TACTGCGCAATCCCAA TCACTC
SOD2	GAGAATCTCAGTGCTCA CTCGTGTC	TGCTGCCAGTCAGAAA TCCAA
SOD3	CCAGCTTCGACCTAGCA GACA	CAGCGTGGCTGATGGT TGTA
Thioredoxin 1 (Txn1)	TTTCCATCTGGTTCTGCT GAGA	TGGAAGAAGGGCTTGA TCATTT
Glutaredoxin 1 (Glx1)	CAACACCAGTGCGATTC AAGA	GCAGAGCTCCAATCTG CTTCA
Glx2	TGGAATATGGCAACCAG TTTCA	GGCGACTATCCACATC ATTCAA
mtHsp70	CGTGAGCAACAGATTGT AATCCAGT	GCCATATTAAGTCTT CAACACGTTT
mtHsp40	GCCTGTATGAGACAATC AATGTGACGA	GTGAATGTAGTGGTCA CCATAGCCA
mtHsp60	TCATCGGAAGCCATTGG TCATA	GCTTTGACTGCCACAA CCTGAA
mtHsp10	TGCTGCCGAAACTGTAA CCAA	CTTTCACACTGACAGG CTCAATCTC
Calnexin	GACTGTAGCTTTGCCAG TGTTCCCT	GAGCATCCGTCTTCTT GTACTCCA

HSP90B1	ACACTTCGGTCAGGATA TCTTCTACCA	GGTTCTTCCTCCACCTG TGCTT
HSP70-1	TCTCCTGGCTGGACTCCA ACAC	ACCCTGGTACAGCCCA CTGA
LONP1	AGGAGAAGACCATTGCG GCTAA	AAAGGAGCTAAATCCG AGTAGTCCT
ClpP	TCATTGCCCAGCTGTTGT TCTTA	GGTTCAGGATGTACTG CATTGTGTC
YME1L1	AAGGCGAACTCGTCTGA TCCTC	GACAGGGTCTACCGCA GAATCAA
AFG3L2	CCACTGCGAGGATGATA GACGATG	GCTGGACCATGTCATT CTTGTCTAGG
PPAR γ coactivator-1 α (PGC-1 α)	CCGTAAATCTGCGGGAT GATG	CAGTTTCGTTTCGACCT GCGTAA
PGC-1 β	GTGCCAGGTGCTGACGA GAA	AGTGTATCTGGGCCAA CGGAAG
mitochondrial transcription factor A (Tfam)	TGAAGCTTGTAATGAG GCTTGGA	CGGATCGTTTCACACT TCGAC
Complex I, NADH dehydrogenase subunit 4 (ND4)	CATCACTCCTATTCTGCC TAGCAA	TCCTCGGGCCATGATT ATAGTAC
ND6	AGGTGAAGGCTTTAATG CTAACCC	GGTCGCAGTTGAATGC TGTGT
Complex I, α -subcomplex 9 (α s9)	CCCGGGCCAGCTTACCT	GCTGCACTGCTTTCCTG ATAGA
Complex III, Cytochrome b subunit (Cyt.b)	GCCACCTTGACCCGATT CT	TTGCTAGGGCCGCGAT AAT
Complex III, subunit core 1 (QCR1)	GCTGGGCGCACACTTTG T	CACTGGCCTTGCAGGA AGAA
Cytochrome <i>c</i> (Cyt.c)	GGCTGCTGGATTCTCTTA CACA	CCAATACTCCATCAG GGTATCCT

Complex IV, Cytochrome Oxidase subunit 1 (Cox 1)	TTTTCAGGCTTCACCCTA GATGA	GAAGAATGTTATGTTT ACTCCTACGAATATG
Cox2	CCATCCCAGGCCGACTA AA	TTTCAGAGCATTGGCC ATAGAA
Cox3	CGGAAGTATTTTTCTTTG CAGGAT	CAGCAGCCTCCTAGAT CATGTG
Cox4	TGCAGACCAAGCGAATG CT	TAGTCCCACTTGGCGG AGAA
Cox5b	CGTCCATCAGCAACAAG AGAATA	GCAGCCAAAACCAGAT GACA
Complex V, ATP synthase 6 (ATPase6)	GGCTCCCGACACAAACT AAAAAG	TGGAATTAGTGAAATT GGAGTTCCT
ATP5a1	ATGTGTCCGCTTACATTC CAACAA	GATCCGACACGGGACA CAGA
ATP5b	ACATGGGCACAATGCAG GAA	GTCAGGTCATCAGCAG GCACA
ATP5c1	AAGTTCGAAACATGGCA ACTCTGA	ACTTTGCAGCTGCCAC CATC
β -actin	CATCCGTAAGACCTCT ATGCCAAC	ATGGAGCCACCGATCC ACA
F4/80	GAGATTGTGGAAGCATC CGAGAC	GATGACTGTACCCACA TGGCTGA
CD68	CATCAGAGCCCGAGTAC AGTCTACC	AATTCTGCGCCATGAA TGTCC