Table S1. Primers sequences that are used in the real time qPCR analysis.

The gene	Sequence 5'-3'
PPARG	Forward: CGTGTTCCCGATCACCATATT Reverse: GGTGTCTGTAGTGGCTTGATT
PPARγ	Forward: CTGGCCTCCCTGATGAATAAAG Reverse: AGGCTCCATAAAGTCACCAAAG
SOD-2 2	Forward: TAGAGCCTTTGCCTGTCTTATG Reverse: CAATGTCACTCCTCTCCGAATTA
ATPase	Forward: GGAGATACAGGGCTACAGAAAC Reverse: AGCTCTTGCCACTACTTGTC
MFn1	Forward: GGAGATACAGGGCTACAGAAAC Reverse: AGCTCTTGCCACTACTTGTC
DLP1	Forward: CAACTGGAGAGGAATGCTGAA Reverse: TGTGGACTTGCTGGCATAAT
CPT1b	Forward: TGCACGGCAACTGCTATAA Reverse: ATCTGCCCATGAGTGTTCTG
MCAD	Forward: CCGGGAATACACATCGGAAA Reverse: CCTTAGGCACTCTGACATCTTC
Colla1	Forward: CCAATGGTGCTCCTGGTATT Reverse: GTTCACCACTGTTGCCTTTG
Col3a1	Forward: CAGGCCAATGGCAATGTAAAG Reverse: GCCATCCTCTAGAACTGTGTAAG
TREF1	Forward: CAGAGTTATGTGGAGTGTGTGT Reverse: GTTGGTGGCCTTTGCTTTATC
IGF-1R	Forward: CAATATCACAGACCCGGAAGAG Reverse: CGATACGGTACAGAGTGAAAGG
PI3K	Forward: GTATCAAGTCGTGGTGGGAAA Reverse: GTCTTGCCGTAGAGTCCAAATA
Raf-1	Forward: GTGATGCTGTCTACTCGGATTG Reverse: GAGTTGGGTCAACCACCTTTA
AKT1	Forward: CGCTACTTCCTCCTCAAGAATG Reverse: CTGACATTGTGCCACTGAGA
MAPK	Forward: GGAGGATAGCAACATGGAGAAA Reverse: AGACTCTAACCGGACCACTAA
SERCA	Forward: AAAGTGGAGCGGGCTAATG Reverse: GGGAGCAGTAGACAGACATAGA
NFAT	Forward: GGACAGCCAACCTCAAGTAAA Reverse: CCCTGCTGGAACAAGCTATT
CALCIN	Forward: TCCAGGTGTTGAAGATGATGG Reverse: CCCGTCCTTATCTGCGTTTAT
SOD1	Forward: CTCAGGAGAGCATTCCATCATT

	Reverse: CTTCCAGCATTTCCAGTCTTTG
SOD2	Forward: GTGACCTGTAGGAGTGAGTAGA Reverse: GCTCTCCTGAGGTCTGTTTAAG
atalase	Forward: CTCAGGTGCGGACATTCTATAC Reverse: GACCGCTTTCCTCTGAATGA
GAPX2	Forward: ACCTTCCAGACCATCAACATC Reverse: CTTGGAGAAACAGTCGGAGATT
GAPX1	Forward: CCATGACGGTGTTTCCTCTAA Reverse: GTAAAGGCATCGGGAATGGA
GAPX3	Forward: GAGCGGTACCATCTACGAGTAT Reverse: GCTACGTTGACAAAGAGGATGT
GAPX4	Forward: GGCCTGGAAGTGGAGTTAATAG Reverse: CAGTGGTTAGAGGAACGAAGTG
GSTase	Forward: CCGTCACCCTCTGATTGATTTA Reverse: TCCTGATTTCTCTGCTCCTTTC
NOXA1	Forward: AGATGGCCGTGTTGGTATTT Reverse: ATTGCTAGTGCTGTTCTCCTG
GST	Forward: GCCGGAGAGGTTGGTAAATAG Reverse: TCAGCTCCCTTTCCACTTTG
NOX4	Forward: TTCTGGACCTTTGTGCCTATAC Reverse: CCATGACATCTGAGGGATGATT
GAPDH	Forward: GGAGAAACCTGCCAAGTATGA Reverse: TTGAAGTCACAGGAGACAACC
β-Actin	Forward: ACAGGATGCAGAAGGAGATTAC Reverse: ACAGTGAGGCCAGGATAGA