

Supplemental Table 1: Primers used in the present study

Gene	Forward	Reverse
b-actin	5'CTGTCCCTGTATGCCTCTG 3'	5'ATGTCACGCACGATTTCC 3'
FABP-h	5'TCGAGAAGAACGGGGATAC 3'	5'CTGCCATGGGTGAGAGT 3'
CD36	5'AAAGTTGCCATAATTGAGTCCT 3'	5'TCCGAACACAGCGTAGATAGA 3'
ACS	5'GCAAGAAGTGTGGGGTGGAAATCA 3'	5'CATATGGGCGAGAGGCAAGAAAGA 3'
Acadm	5'ACTCGCTAGGCTCAGTTACCA 3'	5'GTCCCTCATCAGCTTCTCCACA 3'
Acadl	5'CCGCCCGATGTTCTCATTCTG 3'	5'TCTGCGATGTTGATGCCAAGC 3'
MCD	5'ATGAGGCTGTGTGCCTGGTA 3'	5'TTGCTGTTGTTCTGGAAGTGG 3'
Cpt1b	5'TTCAACACTACACGCATCCC 3'	5'GCCCTCATAGAGCCAGACC 3'
Cpt II	5'GCTCCGAGGCATTTGTC 3'	5'CATCGCTGCTTCTTTGGT 3'
UCP2	5'TTGTTTTCAAGGCCACAGAT 3'	5'TACCCAGAACGCCACGGTA 3'
GPAT	5'GGAGTGTGGCGAGAGGCGTTATC 3'	5'TTGCTGGCGGTGAAGAGAATGTG 3'
PFK	5'GCCGTGTTGACCTCTGG 3'	5'TCGTCCTTCTCGCTCCC 3'
HK2	5'TTTTAGGTGAGTCGGCGTTTC 3'	5'CTCGATGCAGCTCAGTCCAAG 3'
Glut1	5'GAAGAGGGTCGGCAGATGA 3'	5'CGAAGATGCTCGTTGAGTAGTAGA 3'
Glut4	5'TTCCAGCAGATCGGCTCTGA 3'	5'AAGACATTGTTGGCCAGCAT 3'
PPARa	5'ATTTCCCTCTTTGTGGCTGCTAT 3'	5'GCGTCGGACTCGGTCTTCTTGAT 3'
PPARd	5'TCGGGCTTCCACTACGG 3'	5'ACTGACACTTGTTGCGTTCT 3'
PPARg	5'GCCATTGAGTGCCGAGTCTGT 3'	5'GCATCCGCCCAAACCTGA 3'
SOD1	5'GGAAGCATGGCGATGAAA 3'	5'AAATGAGGTCCTGCACTGGTA 3'
SOD2	5'GCCTCCCAGACCTGCCTTAC 3'	5'TCGGTGGCGTTGAGATTGT 3'
catalase	5'AAGGTTTGGCCTCACAAGGA 3'	5'GCGGTAGGGACAGTTCACAG 3'
TFAM	5'AGCAGCAGGCACTACAGCGATAC 3'	5'TTCCCATTCCCTTCCCAGAC 3'
PGC1a	5'TGTTCCCGATCACCATATTCC 3'	5'TCCCCTTCTCGTGCTCTTT 3'
PGC1b	5'AGGTGTTTCGGTGAGATTGTA 3'	5'TCAGATGTGGGATCATAGTCA 3'
NRF1	5'CATGGAGGAGCACGGAGTGA 3'	5'AGCAGCCAGATGGGCAGTTA 3'
NRF2a	5'ACGGCACCAAGCACATTACGAC 3'	5'GAACTCCTTCATTACCCAAACC 3'
NRF2b	5'GTGTGGGGGGCGGGGTAT 3'	5'CCTGGCTCTGAGGGGTTT 3'
Mfn2	5'AAGTCCGGGAAGCTGAAAGT 3'	5'TCTCGGTTATGGAACCAACC 3'
DRP1	5'CAGCCCAAGGACATCG 3'	5'TGGCATCAGTACCCGC 3'
FIS1	5'CTGAGCCCCAGAACAACCA 3'	5'CCCTCTCCAGTGTCCTCC 3'
Cox2	5'ACCTGGTGAAGTACGACTGCTA 3'	5'GTCGGTTTGATGTTACTGTTGC 3'
Cox3	5'GCAGGATTCTTCTGAGCGTTCTA 3'	5'AGGGCTTGATTTATGTGGTTTCGT 3'
Cytob	5'ATGACAGATCAAAGATAGCCAAGC 3'	5'GCACAGGAGGAAAGGGAAAC 3'
Cyto c	5'GCCTCTATTTCAACCCTTACTTT 3'	5'TGACCACTTATGCCGCTTC 3'
Thiolase	5'AAGACCTGATTGTAAGACGG 3'	5'CACTGAGATGGTGTGGGAG 3'