

Table SI. Primer information for gene amplification.

Primer	Sequences (5'-3')
Sirt6(m)	F: CTCCAGCGTGGTTTTCCACA R: GCCCATGCGTTCTAGCTGA
Sod2(m)	F: CAGACCTGCCTTACGACTATGG R: CTCGGTGGCGTTGAGATTGTT
Nrf2(m)	F: CTTTAGTCAGCGACAGAAGGAC R: AGGCATCTTGTTTGGGAATGTG
Ho-1(m)	F: AGGTACACATCCAAGCCGAGA R: CATCACCAGCTTAAAGCCTTCT
Ppara(m)	F: AACATCGAGTGTCGAATATGTGG R: CCGAATAGTTCGCCGAAAGAA
Acadvl(m)	F: ACTACTGTGCTTCAGGGACAA R: GCAAAGGACTTCGATTCTGCC
Srebp-1c(m)	F: TGACCCGGCTATTCCGTGA R: CTGGGCTGAGCAATACAGTTC
Fas(m)	F: GGAGGTGGTGATAGCCGGTAT R: TGGGTAATCCATAGAGCCCAG
Acc(m)	F: AGGAAGATGGCGTCCGCTCTG R: GGTGAGATGTGCTGGGTCAT
Acadm(m)	F: AACACAACACTCGAAAGCGG R: TTCTGCTGTTCCGTCAACTCA
Acadl(m)	F: TTTCCTCGGAGCATGACATTTT R: GCCAGCTTTTTCCCAGACCT
Acads(m)	F: GACTGGCGACGGTTACACA R: GGCAAAGTCACGGCATGTC
Cpt2(m)	F: CAGCACAGCATCGTACCCA R: TCCCAATGCCGTTCTCAAAAT
β -actin(m)	F: GGCTGTATTCCCCTCCATCG R: CCAGTTGGTAACAATGCCATGT

m, mice; SIRT6, situin 6; srebp-1c, sterol regulatory element-binding transcription factor 1; Acadvl, acyl-CoA dehydrogenase very long chain; Acadm, acyl-Coenzyme A dehydrogenase, C-4 to C-12

straight chain; Acads, Acyl-CoA dehydrogenase, C-2 to C-3 short chain; Cpt2, carnitine palmitoyltransferase II; NRF2, nuclear factor erythroid 2-related factor 2; SOD2, superoxide dismutase 2.