**Supplementary Table S1**

Nucleotide sequences of the primers used for Q-PCR.

Mitochondrial metabolism

CPT1: CGGACGGGATTGACCTGCGG and CCAACTGGAGGGGCTTGCCG

CPT 2: GGAGCCTGGATCAAATTTTGGG and AGCCGCTCCTTCCCCTTTTT

CACT : GCAGTGATGATCCGAGCCTT and TTCAGCCTCACAAGTTGGGG

OCTN1: CTGAATCTCCCCGATGGCTG and ACTGCTGGTACAGCTGTGTT

ACOT 2: GGAGGTTTCAACACAGGAGACT and AGGGCAGAGCTGTCTGCTAA

ACSL1: GAGCAATGGTCACTCACCGA and TCCGTGGACAAACACCTGAG

Peroxisomal metabolism

ACOX1: TGATGCGAATGAGTTTCTGC and CCCTCGTTGGAAAAATGCTA

EHHADH : AGGCAGCAAACCAGAGGAGGT and CCAGCCCACATCCAACCCAGC

Thiolase: CCTCCCCCAGCACCAAGAGGT and AGGGCTGAAGATTTGCAGTGGTGT

HSCP2: CCTCCCCCAGCACCAAGAGGT and AGGGCTGAAGATTTGCAGTGGTGT

Controls

RPLP0 : CCCCATTCTATCATCAACGG and GCCTTGACCTTTTCAGCAAG

Actin: CATCCCCCAAAGTTCACAAT and TTCCTGTAACAACGCATCTCA

18 S: CACGCCAGTACAAGATCCCA and TTCACGGAGCTTGTTGTCCA