

**Supplementary Table 2.** Sequences of the primers used in the lipid metabolism gene detection

Gene	Forward (5'-3')	Reverse (5'-3')
SREBP-1c	GCGGAGCCATGGATTGCAC	CTCTTCCTTGATAACCAGGCC
FAS	AGCTGCCAGAGTCGGAGAAC	TGTAGCCCACGAGTGTCTCG
CPT-1a	TGAGCGACTGGTGGGAGGAG	GAGCCAGACCTTGAAGTAGCG
SCD-1	TCTTCCTTATCATTGCCAACAC	GCGTTGAGCACCAGAGTGTATC
PPAR $\alpha$	CCAGTATTTAGGAAGCTGTCCT	CGTTGTGTGACATCCCGACAG
ACC	GGCCAGTGCTATGCTGAGAT	AGGGTCAAGTGCTGCTCCA
$\beta$ -Actin	GCAAGAGAGGCATCCTCACC	CGTAGATGGGCACAGTGTGG

SREBP-1c, sterol regulatory element binding protein 1c; FAS, fatty acid synthase; CPT-1a, carnitine palmitoyltransferase-1a; SCD-1, stearoyl-CoA desaturase-1; PPAR $\alpha$ , peroxisome proliferator-activated receptor- $\alpha$ ; ACC, acetyl-CoA carboxylase.