

Table S1. The primer sequence pairs used in the qRT-PCR.

Name	Symbol	Assesion NO.	Sequence of the primers (5'-3')
actin, beta 2	actb2	NM_181601.5	F: 5'- GCCTGACGGACAGGTCAT - 3' R: 5'- ACCGCAAGATTCCATACCC - 3'
pyruvate kinase	pk	NM_201289.1	F: 5'- TCCTGGAGCATCTGTGTCTG - 3' R: 5'-GTCTGGCGATGTTTCATTCCCT - 3'
glucokinase	gk	NM_001045385.2	F: 5'- GCTGTGAAGTCGGCATGATA - 3' R: 5'-CTTCAACCAGCTCCACCTTAC - 3'
hexokinase 1	hk	NM_213252.1	F: 5'- ACTTTGGGTGCAATCCTGAC - 3' R: 5'- AGACGACGCACTGTTTTGTG - 3'
peroxisome proliferator-activated receptor alpha	ppar- α	NM_001161333.1	F: 5'- CTGCGGGACATCTCTCAGTC - 3' R: 5'- ACCGTAAACACCTGACGACG - 3'
peroxisome proliferator-activated receptor gamma	ppar- γ	NM_131467.1	F: 5'- CCTGTCCGGGAAGACCAGCG - 3' R: 5'- GTGCTCGTGGAGCGGCATGT - 3'
sterol regulatory element binding transcription factor 1	srebp1 α	NM_001105129.1	F: 5'- GCAGTTCATTAAGGCCGACT - 3' R: 5'- GCTTCAGCTTCTGGTTGGAC - 3'
carnitine palmitoyltransferase 1Aa	cpt1	XM_005166473.4	F: 5'- GCATTGACCTTCAGCTCAGC - 3' R: 5'-CTGCCAACACCAGCACGAAC - 3'
fatty acid binding protein 6, ileal (gastrotropin)	fabp6	NM_001002076.2	F: 5'- CCCGCTCTTCTTCTCCGCTCA - 3' R:5'-GTCACGGCCCTTTGCGATGACA-3'
fatty acid synthase	fas	XM_009306807.3	F: 5'- GGAGCAGGCTGCCTCTGTGC - 3' R: 5'- TTGCGGCCTGTCCCACTCCT - 3'
apolipoprotein A-IV b, tandem	apo	NM_001079861.1	F: 5'-AGCTGCACAATCCTCGTCTGC- 3' R: 5'-TGCAGGAGCCTGTGTTTGCCT- 3'

acyl-CoA oxidase 3, pristanoyl	aco	NM_213147.1	F: 5'- ACCTTTGGGATCATGGACTG - 3' R: 5'- TGTTGTTTCGTGCCTCAAAG - 3'
phosphoenolpyruvate carboxykinase 1 (soluble)	pepck-c	NM_214751.1	F: 5'- ATCACGCATCGCTAAAGAGG - 3' R: 5'- CCGCTGCGAAATACTTCTTC - 3'
3-hydroxy-3-methylglutaryl-CoA reductase a	hmgcra	NM_001079977.2	F: 5'- TCGTGGAGTGCCTGGTGATTGGT - 3' R: 5'- TGGGTCTGCCTTCTCTGCTCTCTC - 3'
3-hydroxy-3-methylglutaryl-CoA reductase b	hmgcrb	NM_001014292.2	F: 5'-CTGCCGTTCTTCCTGCTGCTGATT - 3' R:5'-GCCGACACCAATGACCAGACACTC-3'
cytochrome P450, family 7, subfamily A, polypeptide 1	cyp7a1	NM_201173.2	F:5'-CCTTCCTTGGCTGTGCTCTTCAGTT-3' R:5'-AGGTGCCTTCCTTGACGGATGACA-3'
low density lipoprotein receptor a	ldlr	NM_001030283.1	F: 5'- GCCAGCAAGGCCTGCAAAGC - 3' R: 5'- CTTCAGGCGGGGGATGACGC - 3'
