

Supplementary Table 1. Fatty acid compositions of lard that used in animal diet.

Fatty acid species	Contents (g/100g)
14:0	2.4 ± 0.2
16:0	25.0 ± 2.1
18:0	15.1 ± 1.4
Total SFA	42.4 ± 3.7
18:1 n-9	43.9 ± 4.3
Total MUFA	43.9 ± 4.3
18:2 n-6	7.6 ± 0.7
Total PUFA	7.6 ± 0.7

Abbreviations: MUFA, monounsaturated fatty acid; PUFA, polyunsaturated fatty acid; SFA, saturated fatty acid. n = 3.

Supplementary Table 2. Quantitative real-time PCR primer sequences.

Gene	Forward primer, 5' to 3'	Reverse primer, 5' to 3'
CYCLO	CAAATGCTGGACCAAACACA	CAGTCTTGGCGGTGCAGAT
NPC1L1	CCTGACCTTTATAGAACTCACCACAGA	GGGCCAAAATGCTCGTCAT
ACAT2	CCGAGATGCTTCGATTTGGA	GTGCGGTAGTAGTTGGAGAAGGA
MTP	GTCAGGAAGCTGTGTCAGAATG	CTCCTTTTTCTCTGGCTTTTCA
ABCG5	TGATTGGCAGCTATAATTTTGGG	GTTGGGCTGCGATGGAAA
ABCG8	TGCTGGCCATCATAGGGAG	TCCTGATTCATCTTGCCACC
GAPDH	GAACATCATCCCTGCATCCA	CCAGTGAGCTTCCCGTTCA
SREBP2	GGACTTGGTCATGGGAACAGATG	TGTAATCAATGGCCTTCCTCAGAAC
HMGCR	CGAAGGGTTTGCAGTGATAAAGGA	GCCATAGTCACATGAAGCTTCTGTA
LDLR	GCCGGGACTGGTCAG ATG	ACAGCCACCATTGTTGTCCA
CYP7A1	GGTAGTGTGCTGTTGTATATGGGTTA	ACAGCCCAGGTATGGAATCAAC