

Supplemental Table 1 FA composition of control diet and high stearate (C18:0) diet.

FA levels are represented as percentage of total fat content.

FA composition (% of total fat content)		
	Control diet	High C18:0 diet
C14:0	0.10	0.09
C16:0	10.60	9.42
C16:1	0.10	0.09
C18:0	4.30	14.93
C18:1	23.50	20.89
C18:2	53.50	47.56
C18:3	6.60	5.87
C20:0	0.40	0.36
C20:1	0.20	0.18
C22:0	0.40	0.36
C24:0	0.10	0.09
Others	0.20	0.18

Supplemental Table 2 The primers used for mRNA detection

Mouse	Forward	Reverse
Elovl6	5'-CCCGAACTAGGTGACACGAT	5'-CCAGCGACCATGTCTTTGTA
KIM-1	5'-TCCACACATGTACCAACATCAA	5'-GTCACAGTGCCATTCCAGTC
CHOP	5'-CTGGAAGCCTGGTATGAGGAT	5'-CAGGGTCAAGAGTAGTGAAGGT
SREBP1	5'-CGGCGCGGAAGCTGT	5'-TGCAATCCATGGCTCCGT
PPAR α	5'-TTTCGGCGAACTATTCGGCTG	5'-GGCATTGTCCGGTTCTTCTT
TNF α	5'-CATGAGCACAGAAAGCATGATCCG	5'-AAGCAGGAATGAGAAGAGGCTGAG
IL-1 β	5'-TGAGCTGAAAGCTCTCCACC	5'-CTGATGTACCAGTTGGGGAA
TGF β	5'-GGATACCAACTATTGCTTCAGCTCC	5'-AGGCTCCAAATATAGGGGCAGGGTC

Human	Forward	Reverse
Elovl6	5'-CAAAGCACCCGAACTAGGAG	5'-GGAGCACAGTGATGTGGTGA
CHOP	5'-GTAAAGATGAGCGGGTGGC	5'-TCTTGAACACTCTCTCCTCAGGT
SREBP1	5'-GCTTCTCTACAGGAAGCCCTC	5'-CGAGGTCACAGTGGTCGTTA
PPAR α	5'-TCACCACAGTAGCTTGGAGC	5'-GTGAAAGCGTGCCGTGATG