

**Table S1: Dietary fatty acids in the normal and high fat rodent chow and 50:50 mixture.**

<b>Fatty acids</b>	<b>% in normal fat diet (Teklad Global Soy Protein-Free Extruded Rodent Diet)</b>	<b>% in high fat diet (Teklad Global 19% Protein Extruded Rodent Diet)</b>	<b>% in 50:50 mixture</b>
C16:0 Palmitic	0.60	0.90	0.75
C18:0 Stearic	0.10	0.20	0.15
C18:1 $\omega$ 9 Oleic	1.10	1.70	1.40
C18:2 $\omega$ 6 Linoleic (LA)	2.60	3.90	3.25
C18:3 $\omega$ 3 Linolenic (ALA)	0.30	0.40	0.35
Ratio LA/ALA	8.7:1	9.75:1	9.3:1
Total saturated	0.80	1.20	1.00
Total monounsaturated	1.10	1.70	1.40
Total polyunsaturated	2.90	4.40	3.65
Calories from Fat	16	22	19
Fat	6.5	9	7.75

**Table S2: qPCR primer sequences**

<b>Gene</b>	<b>Forward and reverse primer sequences (5' to 3')</b>
<i>β-actin</i>	CTATGAGCTGCCTGACGGTC AGTTTCATGGATGCCACAGG
<i>Cyclophilin A</i>	GCAGACATGGTCAACCCACCG TGGAACCTTTGTCTGCAAACAGCTCG
<i>Cftr</i>	AAGCTGAAAGCAGGTGGGAT TGCTCCGACCACAATGAACA
<i>Elovl2</i>	CTTGTGGTCAAAGCTTCTTC GAGGTATTTCTTCCACCAAAG
<i>Elovl</i>	TTCTTCGTAAGAACAACCAC ATAGTACGAGTACATGAGGAC
<i>FATP1 (Scl27a1)</i>	GACAGTGTATCATCTACGGG CATATTTACCCGATGTACTGC
<i>FATP2 (Scl27a2)</i>	GGGACTGGTAGATTTTGTTG GTATCTTGTATTCTCAGGAACC
<i>FATP4 (Scl27a4)</i>	CAAGGGTTTTACAGATAAGCTC GGAATCCATAGTACACCAGG
<i>Fads1</i>	GTACTTCTTCCTGATTGGAC GTAAGTGAAGAAGACACGAAC
<i>Fads2</i>	CTTCTTCAATGACTGGTTCAG CTTCAGTGAAC TCACAATGTC
<i>Faah</i>	TCCAAAACCTTCAAAGGTGAC GATACATCTCAATCTCATGCTG
<i>Got2</i>	CAAAGAATACCTACCCATCG AAATCTTTGCAGAAAGCTGG
<i>Cd36</i>	AAGGAATTTGTCCTATTGGG GAGACTTCTCAACAAAAGGTG
<i>Col1a1</i>	TGGTTTGGAGAGAGCATGACCGAT TTGGTCCATGTAGGCTACGCTGTT
<i>Col3a1</i>	TTTCAAGATCAACACTGAGG TATTCTCCGCTCTTGAGTTC