

SUPPLEMENTARY TABLES

Supplemental Table 1. List of TqPCR Primers.

Gene	Forward primer	Reverse primer	Accession No.
<i>mouse Gapdh</i>	ACCCAGAAGACTGTGGATGG	CACATTGGGGGTAGGAACAC	NM_008084
<i>mouse Bmp4</i>	GCGAGCCATGCTAGTTTGA	AAGTGTGCCTCGAAGTCC	NM_001316360.1
<i>human BMP4</i>	GGGAAAGGGGCTTCCACC	TTTGGCTGCTTCTCCCGG	NM_001202.5
<i>mouse Gpm</i>	TTCCTGCACGCCACAGAG	TCTCGCCAGCCATCCTCT	NM_001356285.1
<i>mouse Mogat1</i>	CCTTCTCTGCTCGTGC	GCCAGCTTTGGACCCAGT	NM_026713.3
<i>mouse Fasn</i>	CTCGGCTCGATGGCTCAG	GGGATGTGCCACAGTGCT	NM_007988.3
<i>mouse Acaca</i>	GTGTTTGCTGGCCAGTGC	TGCCCCTGTGAAGCTCAG	NM_133360.2
<i>mouse Apoc3</i>	ACCCAGCCATCTAGCCCA	ACAGAGCCCAGCAGCAAG	NM_001289755.1
<i>mouse Srebfl/Srebp</i>	GACCCTACGAAGTGCACACA	GTGGCCTAGTCACAGTTCC	NM_001313979.1
<i>mouse Plin2</i>	GAACCAGCCAACGTCCGA	TCCTTTCCACGCTGCCAG	NM_007408.3
<i>mouse Plin3</i>	GAGCATGTGTGTGGCCCT	CTCTGGCTATGCGCTCCC	NM_025836.3
<i>mouse Scd1</i>	TGCCGCGCATCTCTATGG	AGTTGTGGAAGCCCTCGC	NM_009127.4
<i>mouse Lipe</i>	CGTGCCAGCCACAACCTA	TGCAGGAAGTCAGCGGTG	NM_001039507.2
<i>mouse Ctnnb1</i>	TGCAGCTTCTGGGTCCG	GCACAGATGGCAGGCTCA	NM_001165902.1
<i>mouse Ascl1</i>	GGAAGCAGGATGGCAGCA	GCCCCTGTAGGTTGGCTG	NM_008553.4
<i>mouse Acat2</i>	GCATGACAGCCACCACCT	GCTGTCCACCTGGGTTC	NM_009338.3
<i>mouse Cpt1b</i>	GGAGGTGGCTTTGGTCCC	GGCGGATGTGGTTCCCAA	NM_009948.2
<i>mouse Ndufs4</i>	GGCGAAGGGCAATGGCTA	GCTGTGTGTCCCAGTCT	NM_010887.2
<i>mouse Pck2</i>	GCTTACGTGGTGGCCAGT	CACGTGGCCAATCAGGGT	NM_028994.2
<i>mouse Cyp1a2</i>	CCAGTCAGCCAGGTGGTG	CTCTTGAGGGCCGGGTTG	NM_009993
<i>mouse Acads(Bcl-1)</i>	CACGCTGGGCAAGAAGGA	TGCCAATGCGACCCATGT	NM_007383.3
<i>mouse Acadm</i>	CGGAGGCAGCAGATCGAG	CTTGCGGGCAGTTGCTTG	NM_007382.5
<i>mouse Atp5a1</i>	GCACGGGCTGAGGAATGT	CCAACAGCTCCTCGCCAA	NM_007505.2
<i>mouse Hadha</i>	ACCACAGGCTTCGGCTTC	GCGACCAAGAAGCCCTT	NM_130826.2
<i>mouse Deptor</i>	GTCAGCCCCAGCAAGGAG	TGGGGTTGCAGAGCACAG	NM_001037937.3
<i>mouse Pras40/Akt1s1</i>	GGCCAGGGAGGATGAGGA	TGTGCTCTCCGGTCTGA	NM_001253920.1
<i>mouse Rptor</i>	ACGTGCGCATTGTCAGGA	CGGATCGAGCCATCACCC	NM_001306081.1
<i>mouse Mtor</i>	AAGGACCTCACGCAAGCC	ATTGGCTGGTTGGGGTCG	NM_020009.2
<i>mouse Lipin1</i>	AACGGAGCCGACACCTTG	GCTCCGTTGTCAGTGGCT	NM_001130412.1
<i>mouse Rps6kb1/S6k</i>	CCTAGCGCCTGACTTCCG	CCCCCTCCTCCAGCTCAT	NM_001114334.2

Supplemental Table 2. Formula and fatty acid composition of control (10% fat) and high fat (45% fat) diets.

	MD10% Fat	MD45% Fat
Energy Composition	100	100
Protein	20	20
Carbohydrate	70	35
Fat	10	45
Composition of fatty acid	100	100
Saturated (%)	28.7	40.3
Monounsaturated (%)	32.7	40.4
Polyunsaturated (%)	38.6	19.3
Type of fat (gm)	45	202.5
Lard	20	177.5
Soybean Oil	25	25
Fatty acid profile (gm)	42.2	190.6
C2, Acetic	0	0
C4, Butyric	0	0
C6, Caproic	0	0
C8, Caprylic	0	0
C10,Capric	0.0	0.1
C12,Lauric	0.0	0.1
C14,Myristic	0.3	2.1
C15	0.0	0.2
C16,Palmitic	7.9	47.1
C16:1,Palmitoleic	0.4	3.4
C16:2	0	0
C16:3	0	0
C16:4	0	0
C17	0.1	0.6
C17:1	0	0
C18,Stearic	3.8	26.5
C18:1,Oleic	13.4	73.5
C18:2,Linoleic	14.6	32.4
C18:3,Linolenic	1.4	2.1
C18:4, Stearidonic	0	0
C20,Arachidic	0.0	0.2
C20:1	0.0	0.1
C20:2	0.1	0.4
C20:3	0.0	1.1
C20:4,Arachidonic	0.1	0.7
C20:5, Eicosapentaenoic	0	0
C21:5	0	0
C22, Behenic	0	0
C22:1, Erucic	0	0
C22:4, Clupanodonic	0	0
C22:5,Docosapentaenoic	0.0	0.2
C22:6, Docosahexaenoic	0	0
C24, Lignoceric	0	0
C24:1	0	0