Supplementary Table S1.

Composition and energy values of control diet and high-fat diet

	Control diet	High-fat diet
Ingredients (% of weight)		
MF [a]	100.00	
Casein		25.60
Cystine		0.36
Maltodextrin		6.00
Cornstarch		16.00
Sucrose		5.50
Soybean oil		2.00
Lard		33.00
Cellulose powder		6.61
AIN-93G Mineral mix		3.50
Calcium carbonate		0.18
AIN-93 Vitamin mix		1.00
Choline bitartrate		0.25
Composition (% of weight)		
Water content	9.0	9.0
Crude protein	22.8	22.0
Crude fat	5.0	33.2
Crude ash	5.7	3.1
Crude fiber	2.8	6.3
Nitrogen free extract	54.6	26.4
Fatty acid composition (% of TFA weight)		
Lauric acid (12:0)	0.00	0.19
Myristic acid (14:0)	0.60	1.61
Pentadecanoic acid (15:0)	0.00	0.09
Palmitic acid (16:0)	14.40	24.27
Palmitoleic acid (16:1)	0.90	2.36
Stearic acid (18:0)	2.60	13.82
Oleic acid (18:1)	24.30	42.07
Linoleic acid (18:2)	45.30	12.11
Alpha-linoleic acid (18:3)	3.50	0.85
Arachidic acid (20:0)	0.40	0.21
Icosenoic acid (20:1)	1.00	0.67
Behenic acid (22:0)	0.30	0.02
Docosahexaenoic acid (22:6)	1.40	0.00
Lignoceric acid (24:0)	0.30	0.01
Unidentified	3.50	1.71
Total energy (kcal/100g)	355.2	492.6
Energy values (% of energy)		
Protein	25.7	17.9
Fat	12.8	60.7
Carbohydrate	61.5	21.4

[a] A standard laboratory chow (MF, Oriental Yeast, Tokyo, Japan) was fed to mice as a control diet. TFA: total fatty acids