

Supplementary Table1

Compositions of the standard low-fat diet, the high-fat diet (HFD).

Ingredients (gm%)	Standard diet (Control)	HFD
Casein	18.96	25.84
L-Cystine	0.28	0.39
Corn starch	29.86	0
Maltodextrin	3.32	16.15
Sucrose	33.17	8.89
Cellulose	4.74	6.46
Soybean Oil	2.37	3.23
Lard	1.9	31.66
Mineral Mix	4.24	5.81
Vitamin Mix	0.95	1.29
Choline tartrate	0.19	0.26
energy(kcal/g)	3.85	5.24
Energy from fat (%)	10%	60%
Energy from carbohydrate (%)	70%	20%
Energy from protein (%)	20%	20%

Supplementary Table2

	Species	Forward	Reverse
Fas	Mouse	GGAGGTGGTGATAGCCGGT AT	TGGGTAATCCATAGAGCCCA G
Acc	Mouse	CTCCCGATTCATAATTGGGT CTG	TCGACCTTGTTTTACTAGGT GC
Ppara	Mouse	TTTCGGCGAACTATTCGGCT G	GGCATTGTTCGGTTCTTCT T
Cpt-1a	Mouse	TGGCATCATCACTGGTGTGT T	GTCTAGGGTCCGATTGATCT TTG
Apob	Mouse	GCTCAACTCAGGTTACCGTG A	AGGGTGTACTGGCAAGTTTG GG
Mttp	Mouse	ATACAAGCTCACGTACTION CT	TCTCTGTTGACCCGCATTTTC
IL-1b	Mouse	GAAATGCCACCTTTTGACAG TG	TGGATGCTCTCATCAGGACA G
TNF-a	Mouse	CAGGCGGTGCCTATGTCTC	CGATCACCCCGAAGTTCAGT AG
FAS	Human	ACAGCGGGGAATGGGTACT	GACTGGTACAACGAGCGGA T
ACC	Human	ATGTCTGGCTTGCACCTAGT A	CCCCAAAGCGAGTAACAAA TTCT
PPARA	Human	TTCGCAATCCATCGGCGAG	CCACAGGATAAGTCACCGA GG
CPT-1A	Human	ATCAATCGGACTCTGGAAAC GG	TCAGGGAGTAGCGCATGGT
APOB	Human	TGCTCCACTCACTTTACCGT C	TAGCGTCCAGTGTGTACTGA C
MTTP	Human	ACAAGCTCACGTACTION G	TCCTCCATAGTAAGGCCACA TC
