Supplementary Table S1

Compositions of experimental diets (units: g/kg diet).

Component	HF	HF + WEG	HF + HPG
Casein	238.79	238.79	238.79
Corn starch	185.11	177.11	177.11
Dextrose	157.60	157.60	157.60
Sucrose	59.70	59.70	59.70
Cellulose	59.70	59.70	59.70
Soybean oil	29.85	29.85	29.85
Lard	208.94	208.94	208.94
TBHQ	0.02	0.02	0.02
Mineral Mix [1]	41.79	41.79	41.79
Vitamin Mix [2]	11.94	11.94	11.94
L-Cystine	3.58	3.58	3.58
Choline bitartrate	2.98	2.98	2.98
WEG	-	8.00	-
HPG	-	-	8.00
Total	1,000	1,000	1,000
Fat, % (calories)	45	45	45

[1] AIN-93G Mineral Mix. [2] AIN-93G Vitamin Mix. The experimental diets were formulated with slight modification based on the D12541 diet composition (Research Diets). HF, high-fat diet; HF + WEG, high-fat diet with 0.8% hot water extract of ginger; HF + HPG, high-fat diet with 0.8% high hydrostatic pressure extract of ginger; TBHQ, tert-butylhydroquinone.

Supplementary Table S2

Primers used for quantitative real-time PCR.

Name	GenBank No.	Primer sequence (5'-3')	Amplicon size (bp)
aP2	NM_053365	F: TCACCCCAGATGACAGGAAA R: CATGACACATTCCACCACCA	140
β-actin	NM_031144	F: GGCACCACACTTTCTACAAT R: AGGTCTCAAACATGATCTGG	123
IL-6	NM_012589	F: ATAGTCCTTCCTACCCCAAC R: TGCCGAGTAGACCTCATAGT	143
MCP-1	NM_031530	F: ACTCACCTGCTGCTACTCAT R: CTACAGCTTCTTTGGGACAC	101
TNF-α	NM_012675	F: CCCCTTTATCGTCTACTCCT R: ACTACTTCAGCGTCTCGTGT	139
PPAR-γ	NM_001145366	F: TGTGGGGATAAAGCATCAGG R: CAAGGCACTTCTGAAACCGA	175

aP2, adipocyte protein 2; IL-6, interleukin-6; MCP-1, monocyte chemoattractant protein-1; PPAR-γ, peroxisome proliferator-activated receptor-γ; TNF-α, tumor necrosis factor-α.