

Supplemental Figure legends

Supplementary Table S1. The amplification efficiency of primers.

Gene	amplification efficiency (%)
<i>cd36</i>	94.31
<i>fabp1</i>	92.18
<i>slc27a5</i>	103.67
<i>cpt1a</i>	108.26
<i>acadm</i>	107.75
<i>pdk4</i>	98.33
<i>pparg</i>	95.91
<i>abca1</i>	105.36
<i>abcg5</i>	96.49
<i>abcg8</i>	93.15
<i>ldlr</i>	93.78
<i>scarb1</i>	103.42
<i>gapdh</i>	105.59

Supplementary Table S2. The chemical composition of diets

Ingredient	Normal diet (ND)		High-fat diet (HFD)	
	g%	kcal%	g%	kcal%
Casein, 30 Mesh	18.96	19.72	25.84	19.72
L-Cystine	0.28	0.30	0.39	0.30
Corn Starch	47.98	49.91	0.00	0.00
Maltodextrin 10	11.85	12.32	16.15	12.32
Sucrose	6.52	6.78	8.89	6.78
Cellulose, BW200	4.74	0.00	6.46	0.00
Soybean Oil	2.37	5.55	3.23	5.55
Lard*	1.90	4.44	31.66	54.35
Mineral Mix S10026	0.95	0.00	1.29	0.00
DiCalcium Phosphate	1.23	0.00	1.68	0.00
Calcium Carbonate	0.52	0.00	0.71	0.00
Potassium Citrate, 1 H ₂ O	1.56	0.00	2.13	0.00
Vitamin Mix V10001	0.95	0.99	1.29	0.99
Choline Bitartrate	0.19	0.00	0.26	0.00
FD&C Yellow Dye	0.00	0.00	0.01	0.00
Energy (kcal/g diet)	3.85		5.24	

Supplementary Figure S1. Cytotoxicity assay of RSV and phenolic acids at doses from 0 to 200 μM with and without OA for 24 h. (A) RSV; (B) 3-HBA; (C) 3-HPP; (D) 4-HBA; (E) 4-HPA; (F) 4-HPP.

