Supplementary tables

Table s1

Composition of experimental diet

Ingredient	ND[α]		HFD[β]	
	gm	kcal	gm	kcal
Casein, 80 Mesh	200	800	200	800
L-cystine	3	12	3	12
Corn starch	315	1260	72.8	291
Maltodextrin 10	35	140	100	400
Sucrose	350	1400	172.8	691
Cellulose, BW200	50	0	50	0
Soybean oil	25	225	25	225
Lard	20	180	177.5	1598
Mineral Mix S10026	10	0	10	0
Dicalcium Phosphate	13	0	13	0
Calcium Carbonate	5.5	0	5.5	0
Potassium citrate,1 H20	16.5	0	16.5	0
Vitamin Mix V10001	10	40	10	40
Choline Bitartrate	2	0	2	0
FD&C Red Dye #40	0.05	0	0.05	0
Total	1055.05	4057	858.15	4057
	gm%	kcal%	gm%	kcal%
Protein	19.2	20	24	20
Carbohydrate	67.3	70	41	35
Fat	4.3	10	24	45
Total		100		100
kcal/gm	3.85		4.73	

[α] ND, #D12450B normal diet with 4% fat (10% fat calories) content fed group;

$^{\beta}$HFD, #D12451 high fat diet with 24% fat (45% fat calories) content fed group; PC, high-fat diet plus orlistat capsule (60 mg/kg/bw) fed group; LIDF, high-fat diet plus IDF (250 mg/kg/bw) fed group; MIDF, high-fat diet plus IDF (500 mg/kg/bw) fed group; HIDF, high-fat diet plus IDF (1000 mg/kg/bw) fed group.

Table s2

Sequences of primers used in quantitative real-time reverse transcription polymerase chain reaction

Genes	Forward primer (5'-3')	Reverse primer (5'-3')
β-actin	GGCTGTATTCCCCTCCATCG	CCAGTTGGTAACAATGCCATGT
SREBP-1c	GCTACCGGTCTTCTATCAATGA	CGCAAGACAGCAGATTTATTCA
SCD1	AACATTCAATCCCGGGAGAATA	GAAACTTTCTTCCGGTCGTAAG
PPARα	CCAGATGTGCCTGCTGCTTCC	TGGTCGGTCTACAGAGTGAGTTCC
CYP4a10	GACCCTAGACACTGTCATGAAA	AAAGATATTCCTCACACGGGAG
CPT1a	AGGAGGAGGATGGCAGAAGTTGAG	AAGCAGAGTCGCAGCATGAATGG

Supplementary figure

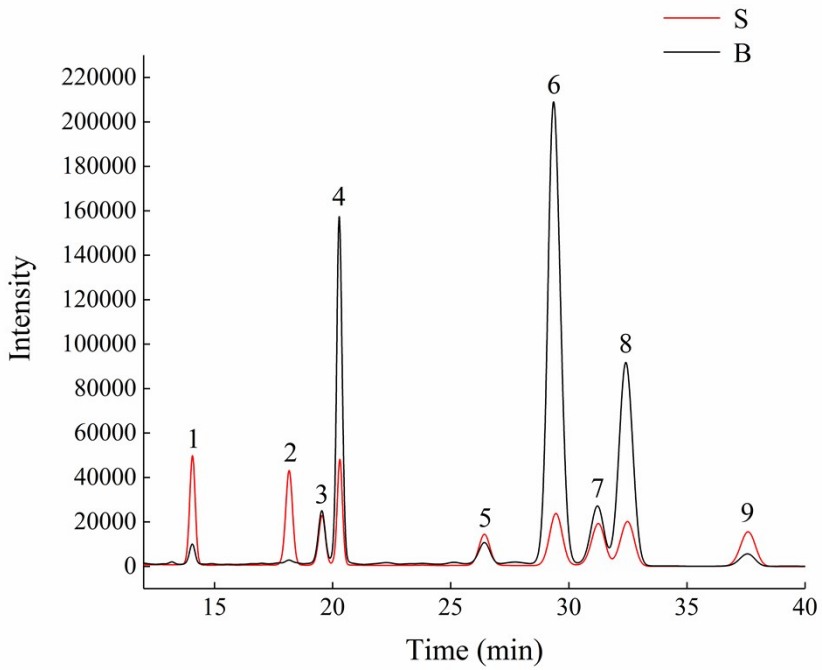

Fig.s1. Analysis of monosaccharide composition of IDF by HPLC. S, standard; B, soybean insoluble dietary fiber; Numbers 1 to 9 represent the standards of mannose, glucuronic acid, rhamnose, galacturonic acid, glucose, galactose, xylose, arabinose and fucose respectively.