

Table 1s. Diet description

	Standard D12450J	High fat D01021204	High fat + Chol (0.25%) D01021203	High fat + Chol (0.50%) D01021202G
% (g/kg)				
Protein	19	23	23	23
Carbohydrate	67	46	46	46
Fat	4	20	20	20
Casein, Mesh	200	200	200	200
L-Cystine	3	3	3	3
Corn starch	550	98.2	98.2	98.2
Maltodextrin	150	100	100	100
Sucrose	0	198.2	198.2	198.2
Cellulose, BW200	50	50	50	50
Soybean oil	25	25	25	25
Lard	20	155	155	155
Mineral mix S10026	10	10	10	10
DiCalcium Phosphate	13	13	13	13
Calcium carbonate	5.5	5.5	5.5	5.5
Potassium citrate, 1 H ₂ O	16.5	16.5	16.5	16.5
Vitamin Mix V10001	10	10	10	10
Choline Bitartrate	2	2	2	2
Cholesterol USP	0	0	2.2	4.43
Kcal/g	3.85	4.58	4.57	4.55

Table 2s. Real time PCR primer sequences

Gene	Oligo FWD	Oligo REV
ABCG5	cggagagttggtgttctgtg	caccgatgtcaagtccatgt
ABCG8	cagatgctggctatcataggg	ctgatttcattctgccacca
ACAT-2	gtaccctggccatcgactt	ctgtccgaagctgaagagga
apoB	gatggagatgggagatgaggt	gggctcctcatcaacaagag
BSEP	cggaggctgagagatcaaat	tgcgatagtggaggagaaca
Cideb	gctccaatggcctgctaag	ttatgatcacagacacggaagg
Cyp8b1	ctgttctgggccctcct	ctctcgacagccttcac
DGAT-2	aggatctgcctgtcacg	gtcttgaggggccgagag
FXR	ccacgaccaagctatgcag	tctctgttgctgtatgagcca
HMG-CoAr	caaccttctacctcagcaagc	acagtgccacacacaattcg
LDLr	tgctactggccaaggacat	ctgggtggtcggtacagtg
LXR	agggctccaggaagagatgt	caactccgttgacagagtcag
Mtp	gcgagtctaaaacccgagtg	cactgtgatgtcgtggttatt
Sar1a	gggcaaaccacaggaaag	cactgcacatgaacactcca
SREBP-2	gtgcagacagtcgctacacc	aatctgaggctgaaccagga