Supplemental TABLE S1. Relative amounts of mRNAs in livers and jejuna from L1-KO mice as compared with values in WT mice

	Relative amount in L1-KO mice
Hepatic cholesterol biosynthesis	
SREBP-2	0.81
HMG-CoA Reductase	1.43
HMG-CoA synthase	1.85
Squalene synthase	1.3
Intestinal lipid metabolism	
HMG-CoA synthase	1.23
ABCA1	0.23
Fatty acid transport protein 4	0.62
Cluster Determinant (CD) 36	0.29

Mice were fed HFD for 24 weeks. Total RNAs were extracted from each liver tissue or jejunal tissue (the second proximal segment of 5 equal segments of the whole small intestine). The equal amount of total RNAs from each tissue in each group (n = 6) was pooled and subjected to qPCR as described under Methods. Cyclophilin was used as the internal control. Values represent the amount of mRNA relative to that in WT mice, which is arbitrarily defined as 1. ABCA1, ATP-binding cassette transporter A1

Supplemental TABLE S2. Relative amounts of mRNAs in livers from L1-KO mice as compared with values in WT mice

	Relative amount in L1-KO mice
Lipogenesis	
Acetyl CoA carboxylase	0.54
Fatty acid synthase	0.34
Malic enzyme	0.58
Stearoyl-CoA desaturase-1	0.4
Glycerol-3-phosphate acyltransferase 1	0.48
Glucokinase	0.32
Glucose metabolism	
ChREBP	0.83
Glucose-6-phosphatase	0.7
Phosphoenolpyruvate carboxykinase	0.94
Fatty acid oxidation	
PPARα	0.72
PGC-1α	0.88
PGC-1β	1.28
Acyl-CoA oxidase	0.45
Carnitine palmitoyltransferase-1α	0.43
LXR target genes	
ABCG5	0.52
Phospholipid transfer protein	0.66

Mice were fed HFD for 24 weeks. Total RNAs were extracted from each liver tissue and the equal amount of total RNAs from each sample in each group (n = 6) was pooled and subjected to qPCR as described under Methods. Cyclophilin was used as the invariant control. Values represent the amount of mRNA relative to that in WT mice, which is arbitrarily defined as 1. ABCG5, ATP-binding cassette transporter G5; PPAR, peroxisome proliferator-activated receptor; PGC, PPAR gamma coactivator