

Table S1: Primers used for RT-PCR

<i>Gen</i>	<i>GenBank™</i> n°	<i>Primer sequences</i>	<i>PCR product</i>
<i>Abcg5</i>	NM_053754.2	Forward 5'-CGCAGGAACCGCATTGTAA-3' Reverse 5'-TGTCGAAGTGGTGGGAAGAGCT-3'	68 bp
<i>β-Actin</i>	NM_031144.3	Forward 5'-GGCCCGAGTTGATTGACTAT-3' Reverse 5'-CATCCAGCATCTTTGGAATG-3'	111bp
<i>Cbs</i>	NM_012522.2	Forward 5'-GTTTGGTGTGTGTCACCGCCATTGA-3' Reverse 5'-CCCTCCTAACGCTCAGCTCCCTAT-3'	206 bp
<i>Cse</i>	NM_017074.2	Forward 5'-GTATGGAGGCACCAACAGGT-3' Reverse 5'-GTTGGGTTTGTGGGTGTTTC-3'	150 bp
<i>Cyp7a1</i>	NM_012942.2	Forward 5'-TACCTGCAAACCTGATGGGGAA-3' Reverse 5'-GCTTCTGTGTCCAAATGCCTTC-3'	139 bp
<i>Cyp27a1</i>	NM_178847.3	Forward 5'-GGGGTAGACACGACATCCAA-3' Reverse 5'-AGCTTTTAGCAGGGGCATGT-3'	159 bp
<i>Cyp8b1</i>	NM_031241.2	Forward 5'-TTCCTCAACCCTGATGGCAC-3' Reverse 5'-AGGGCATGTTGTAGTGGTGG-3'	76 bp
<i>Mafg</i>	NM_022386.3	Forward 5'-GGCTCCCGCTTCACCTTTA-3' Reverse 5'-GTGTGAGTGCCTGCTCACT-3'	83 bp
<i>3mst</i>	NM_138843.2	Forward 5'-TTCATCAAGACCCACGAGGATA-3' Reverse 5'-TTCAGTGAATGGGATGTTTACTGAG-3'	162 bp
<i>Pgc1a</i>	NM_031347.1	Forward 5'-CAGAACAACCCCTGCCATTGTT-3' Reverse 5'-GCTTTTGCTGTTGACAAATGCT-3'	77 bp
<i>Rps29</i>	NM_012876.1	Forward 5'-TGAAGGCAAGATGGGTCAACCAGCAGC-3' Reverse 5'-CAGGGTAGACAGTTGGTTTCATTGGG-3'	236 bp
<i>Shp</i>	NM_057133.1	Forward 5'-TGATGGCTCCCAAACCTCC-3' Reverse 5'-AGGAATTCTGCCCTGAAGCA-3'	89 bp
<i>Slc6a6</i>	NM_017206.2	Forward 5'-CCCTGACCTACAACAAAGTCTACCG-3' Reverse 5'-GTTTCATGAGGGTTGCTCTGGAGTG-3'	233 bp

Table S2. Antibodies used in western blot analysis.

Antibody	Reference Number
CYP7A1 (E-10)	Santa Cruz Biotechnology (sc-518007)
FXR (H-130)	Santa Cruz Biotechnology (sc-13063)
mTOR (7C10)	Cell Signaling Technology (#2983)
p^{Ser2481}mTOR	Millipore (#09-343)
PGC-1α	Cayman (101707)
p^{Ser571}-PGC1 α	R&Dsystems (AF6650)
S6K1	Cell Signaling Technology (#9202)
p^{Thr389}S6K1	Cell Signaling Technology (#9205)
TBP	Sigma Aldrich (SAB4502926)
VINCULIN (7F9)	Santa Cruz Biotechnology (sc-73614)