CD36/sirtuin 1 axis impairment contributes to hepatic steatosis in ACE2-deficient mice

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Supplemental data

Table 1. Primer sequences used for real time quantitative PCR.

Primers	Sequence Forward and Reverse (5' – 3')
aP2	**F:** GTTGAGGATGGTGTCCACGTAC **R:** GTATGCCATGTGTGACCGGAG
CD36	**F:** CATGTAGGAAATGTGGAAGCGA **R:** TCTTCCAGCCAATGCCTTTG
FAS	**F:** GAGGACACTCAAGTGGCTGA **R:** GTGAGGTTGCTGTCGTCTGT
G6Pase	**F:** GACTGTGGGCATCAATCTCC **R:** ACAGGTGACAGGGAACTGCT
GAPDH	**F:** CCATCACCATCTTCCAGGAG **R:** GTGGTTCACACCCATCACAA
GCK	**F:** GGATGCAGAAGGAGATGGAC **R:** GCATCACCCTGAAGTTGGTT
GLUT2	**F:** CAGTGTCTGCTACTGCTCTTCTG **R:** GAGACCTTCTGCTCAGTCGATG
IR	**F:** CCACCAATACGTCATTCACAAC **R:** GGGCAGATGTCACAGAATCAA
PCK1	**F:** CCGTCTGGCTAAGGAGGAA **R:** GGGCATCAAACTTCATCCAG
PCK2	**F:** GGCTGGAAAGTGGAGTGTGT **R:** AGTACACACCGCCATCACTG
PPARγ	**F:** TCAGCTCTGTGGACCTCTCC **R:** ACCCTTGCATCCTTCACAAG

UCP2	**F:** GCATTGGCCTCTACGACTCT **R:** GTCCTGGTATCTCCGACCAC

aP2: adipocyte Protein 2 (fatty acid binding protein); CD36: Cluster of Differentiation 36 (fatty acid translocase); FAS: Fatty Acid Synthase; G6Pase: Glucose 6-phosphatase; GAPDH: Glyceraldehyde 3-phosphate dehydrogenase; GCK: Glucokinase; GLUT2: Glucose transporter type 2; IR: Insulin receptor; PCK1: Phosphoenolpyruvate carboxykinase 1; PCK2: Phosphoenolpyruvate carboxykinase 2; PPARγ: Peroxisome proliferator-activated receptor γ; UCP2: Uncoupling protein 2.