

Supplemental Tables and Figures

“Peroxisome Proliferator-Activated Receptor- α Accelerates α -Chlorofatty Acid

Catabolism”

Supplemental Table S1. Primer sequences

Gene	Forward	Reverse	Genebank ID or (Ref)
mGAPDH	ACC CAG AAG ACT GTG GAT GG	CAC ATT GGG GGT AGG AAC AC	NM_001289726.1
mCD36	AGC AAC TGG TGG ATG GTT TC	GCA GAA TCA AGG GAG AGC AC	NM_001159558.1
mCROT	TAC TTT TAC CAC GGC CGA AC	GAC GGT CAA ATC CTT TTC CA	NM_023733.3
mCPT1a	AAA CCC ACC AGG CTA CAG TG	TCC TTG TAA TGT GCG AGC TG	NM_013495.2
mCIDEC/ Fsp27b	GTG ACC ACA GCT TGG GTC GGA	GGG TCT CCC GGC TGG GCT TA	(1)
CYP4a10	AGC CAC AAG GGC AGT GTT CAG G	CCA AGC GGC CAT TGG AAG AAA G	NM_010011.3

1. Langhi, C., and A. Baldan. 2015. Cidec/fsp27 is regulated by peroxisome proliferator-activated receptor alpha and plays a critical role in fasting- and diet-induced hepatosteatosis. *Hepatology* 61, 1227-1238

Supplemental Table S2. Selected reaction monitoring parameters for a-CIDCA targets subjected to LC/MS.

Target	SRM (<i>m/z</i>)
([<i>d</i> ₄]-AdA	149.15 → 105.19
C6 (2-ClAdA)	179.05 → 143.05
C8	207.08 → 171.08
C10	235.11 → 199.11
C12	263.14 → 227.14
C14	291.17 → 255.17
C16	319.2 → 283.2

Abbreviations include: AdA, adipic acid; a-CIDCA, a -Cl-dicarboxylic acid; C_x refers to number of carbons.

Supplemental Figure S1. White blood cell (A) and neutrophil (B) counts in blood of PPAR^{-/-} and C57BL/6J mice. Mice were euthanized and blood was gently removed by cardiac puncture and gently mixed in tubes containing 10 mM EDTA. White blood cell differentials were then determined within 4 h of blood collection using a Cell-Dyn 3700 analyzer.

