

Supporting Information

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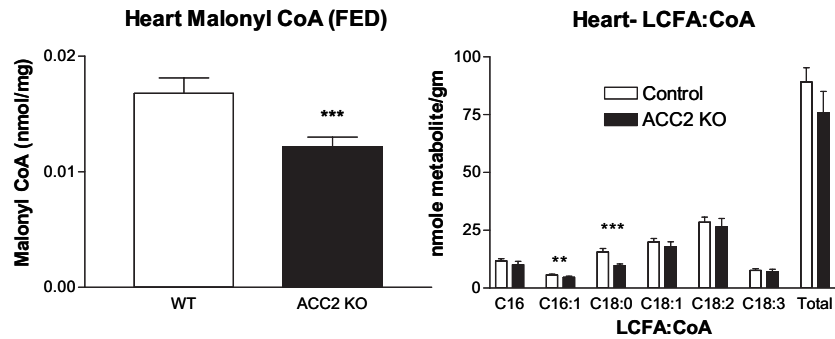


Fig. S1. Malonyl CoA and long chain fatty acyl coAs in hearts of fed animals were measured by mass spectroscopy. Controls $n = 11$; Acc2KO $n = 12$. ** $P < 0.01$, *** $P < 0.001$.

Table S1.

Metabolite	Chow		High fat diet	
	Control	Acc2KO	Control	Acc2KO
Triglyceride, mg/dL	108.1 ± 2.8	113.8 ± 4.7	118.1 ± 3.7	119.8 ± 2.5
NEFA, mEq/L	0.69 ± 0.08	0.88 ± 0.06	0.65 ± 0.03	0.63 ± 0.03
β-hydroxybutyrate, mM				
Ambient	0.47 ± 0.06	0.60 ± 0.07	0.32 ± 0.05	0.30 ± 0.04
Fasting	2.00 ± 0.27	2.48 ± 0.16		

Triglyceride and β-hydroxybutyrate concentrations were determined using Liquicolor assay kits from Stanbio. Fasting β-hydroxybutyrate was measured in serum after an overnight fast. NEFA concentrations were measured using NEFA assay kit from Wako Pure Chemical Industries. Data are presented as mean ± SEM (chow: control $n = 7$, Acc2KO $n = 10$; high fat diet: control $n = 9$, Acc2KO $n = 8$; fasting: control $n = 5$, Acc2KO $n = 5$).