

Table S1 General characteristics from control and LMKO mice after 8 weeks under regular chow

Variable	Unit	control	LMKO
body weight	g	23.58 ± 0.61	23.19 ± 0.75
Fat mass	g	0.91 ± 0.21	0.89 ± 0.25
Fat mass/BW	%	3.80 ± 0.85	3.97 ± 1.13
Lean mass	g	18.44 ± 0.54	17.96 ± 0.89
Lean mass/BW	%	78.15 ± 0.75	77.30 ± 1.59
ALT	U L ⁻¹	23.80 ± 1.53	21.40 ± 3.14
AST	U L ⁻¹	144.40 ± 12.14	124.80 ± 7.52
Albumin	g L ⁻¹	17.00 ± 0.63	17.80 ± 0.37
NEFA	mEq L ⁻¹	2.03 ± 0.10	1.86 ± 0.11
Adiponectin	µg ml ⁻¹	25.27 ± 2.63	26.42 ± 3.93
Fasted liver Chol	mg g ⁻¹	2.50 ± 0.12	2.37 ± 0.11
Fasted liver TG	mg g ⁻¹	29.21 ± 5.08	29.29 ± 5.49
Fasted liver NEFA	µEq g ⁻¹	3.56 ± 0.36	3.53 ± 0.25
Refed liver Chol	mg g ⁻¹	1.71 ± 0.09	1.85 ± 0.14
Refed liver TG	mg g ⁻¹	27.54 ± 6.74	29.46 ± 2.60

Body weight (BW), Non-Esterified Fatty Acids (NEFA), Alanine aminotransferase (ALT), Aspartate aminotransferase (AST), Cholesterol (Chol), Triglycerides (TG). All data were obtained from overnight-fasted mice, unless indicated. Data are mean ± s.e.m. n = 8 or 9 per group. No statistical significance achieved.