

SUPPLEMENTARY TABLE S1. METABOLIC PARAMETERS OF WILD TYPE AND *GLRX*^{-/-} MICE
FED NORMAL DIET AT 8 MONTHS OF AGE

<i>Parameter</i>	<i>WT</i>	<i>Glr</i> ^{-/-}
Body weight (g)	40.49 ± 8.26	52.48 ± 4.35*
MRI% fat/weight (% fat mass)	28.70 ± 8.17	41.73 ± 1.66*
Food intake (g/day)	3.07 ± 0.3	2.96 ± 0.5
Liver weight (g)	1.61 ± 0.51	2.49 ± 0.37*
Liver cholesterol (mg/g liver)	11.09 ± 2.93	23.51 ± 6.26*
Liver triglycerides (mg/g liver)	13.96 ± 2.49	28.67 ± 7.75*
Plasma triglycerides (mg/dl)	33.20 ± 3.81	58.15 ± 23.36*
Plasma cholesterol (mg/dl)	130.81 ± 16.96	198.94 ± 53.66**
Fed glucose (mg/dl)	145.13 ± 20.77	145.63 ± 32.95
Fasting glucose (mg/dl)	123.83 ± 23.68	126.63 ± 15.05
Fed insulin (mg/L)	1.24 ± 0.36	1.42 ± 0.17
Fasting insulin (mg/L)	0.99 ± 0.41	0.91 ± 0.17
AST activity (mU/ml)	122.36 ± 46.10	146.61 ± 46.21
ALT activity (mU/ml)	6.03 ± 2.70	9.92 ± 5.09*
Respiratory exchange ratio	0.79 ± 0.06	0.77 ± 0.04

Values represent means ± SD, *N* = 8–10. Mann–Whitney *U* test was used, **p* < 0.05, ***p* < 0.01.

Values in bold represent statistically significant changes in *Glr*^{-/-} mice.

ALT, alanine aminotransferase; AST, aspartate aminotransferase; MRI, magnetic resonance imaging; WT, wild type.