

Hepatocyte-specific *Phgdh* deficient mice culminate in mild obesity, insulin resistance, and enhanced vulnerability to protein starvation

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Supplementary Table S1

Amino acid concentration in serum

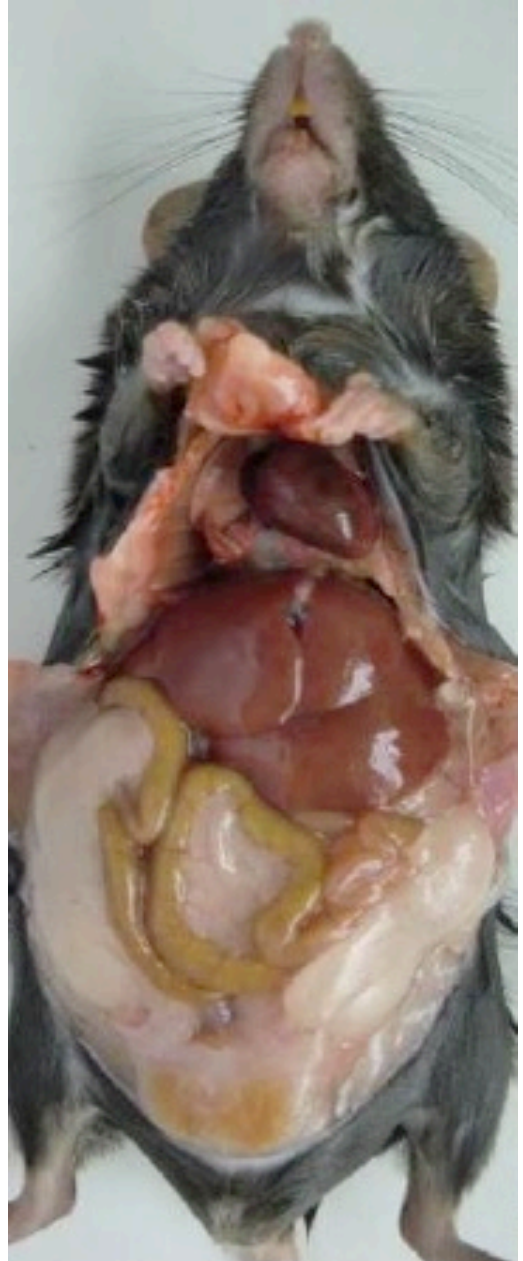
amino acid	concentration (nmol/g weight tissue)		ratio (%: LKO/Floxed)	<i>p</i> -value
	Floxed group	LKO group		
L-Asp	5.85 ± 1.63	12.86 ± 3.53	219.8	0.10
L-Glu	108.96 ± 14.32	110.55 ± 14.49	101.5	N.S.
L-Ser	110.49 ± 17.05	130.07 ± 18.16	117.7	N.S.
L-Gln	540.12 ± 33.53	537.25 ± 28.85	99.5	N.S.
L-His	46.51 ± 5.63	52.54 ± 5.73	113.0	N.S.
L-Thr	178.11 ± 29.01	154.8 ± 11.73	86.9	N.S.
Gly	427.79 ± 33.71	467.88 ± 30.95	109.4	N.S.
L-Arg	199.08 ± 34.16	197.74 ± 17.94	99.3	N.S.
Tau	1187.01 ± 97.94	1136.12 ± 59.17	95.7	N.S.
GABA	N.D.	N.D.		
L-Ala	429.67 ± 56.47	411 ± 34.81	95.7	N.S.
L-Tyr	61.92 ± 14.38	64.57 ± 12.54	104.3	N.S.
L-Val	117.11 ± 18.51	100.33 ± 19.92	85.7	N.S.
L-Met	27.98 ± 7.52	30.06 ± 7.05	107.4	N.S.
L-Phe	94.58 ± 13.14	89.65 ± 7.4	94.8	N.S.
L-Ile	54.64 ± 10.92	48.72 ± 4.54	89.2	N.S.
L-Leu	418.25 ± 66.56	393.54 ± 18.32	94.1	N.S.

Supplementary Figure S1

Floxed



LKO



Supplementary Figure S1

Floxed



LKO



Supplementary Figure S1

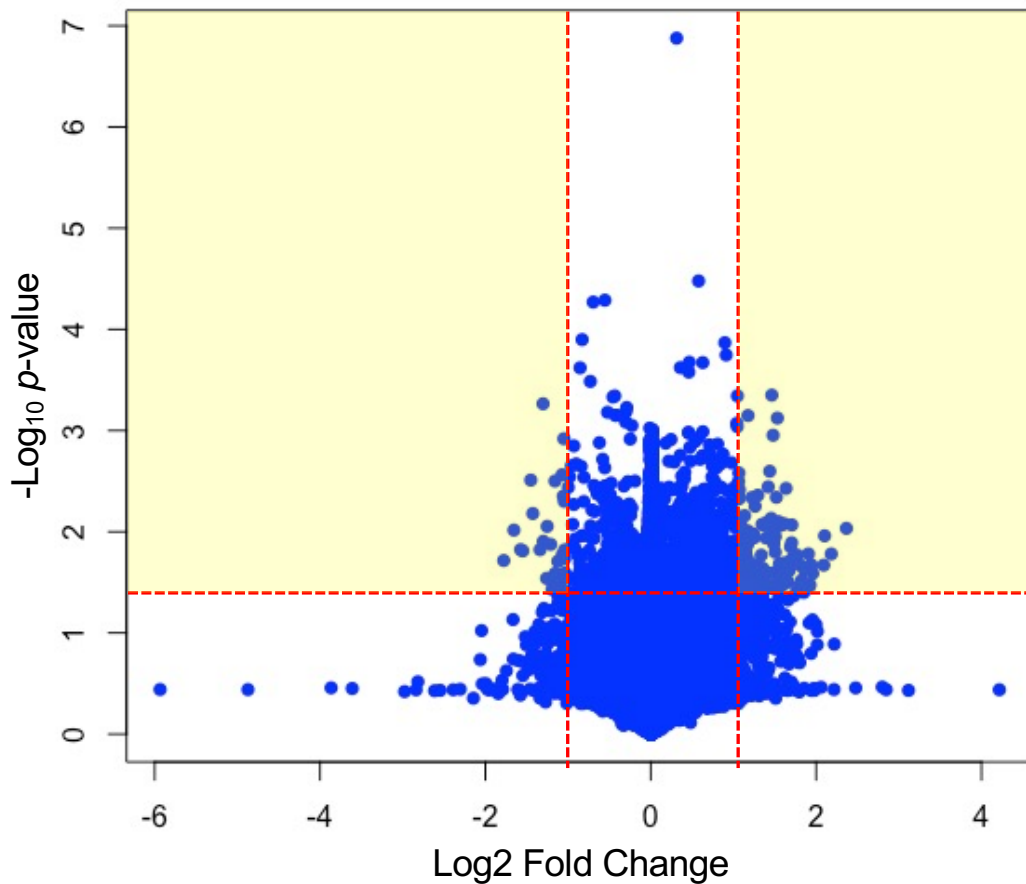
Floxed



LKO



Supplementary Figure S2



DEGs were selected with thresholds of $|\log_2 \text{Fold change}| \geq 1$ and $P < 0.05$. Statistical analysis was performed using the Student's t-test.

Supplementary Figure S3

