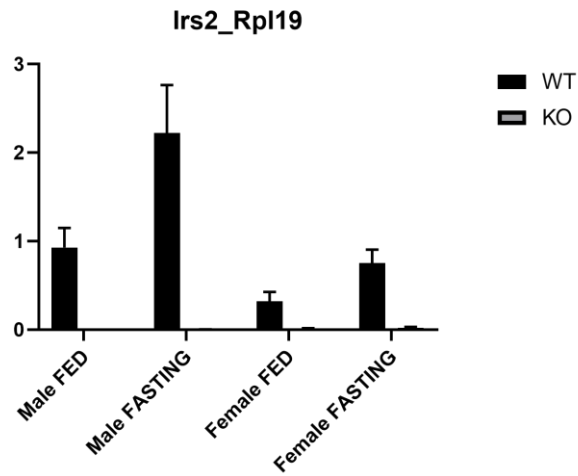


ANNEX

Supplementary Table S1. List of primers used in the RT-qPCR. F, forward primer; R, reverse primer.

Gene	Sequence
18S	F: CGGCTACCACATCCAAGGAA
	R: GTCGGAATTACCGCGGCT
36B4	F: TCTCCAGAGGCACCAATTGAAA
	R: CTCGCTGGCTCCCACCTT
IRS2	F: TTTGCCCAACAATTCCAAGCG
	R: TGCTGCCTTCACTGCTTTTC
PPIA	F: AGCATACAGGTCCTGGCATC
	R: TTCACCTCCCAAAGACCAC
RPL19	F: GGTGACCTGGATGAGAAGGA
	R: TTCAGCTTGTGGATGTGCTC
ZNF423	F: CGCGATCGGTGAAAGTTGAAGAG
	R: GGTCTGCCAGAGACTCGAAG



Supplementary Figure S2. IRS2 mRNA expression levels in mice. IRS2 mRNA expression levels (Fold-change) in fed and fasting male and females, IRS2 knock-out (KO) and wild-type (WT). Rpl19 gene was used as housekeeping.