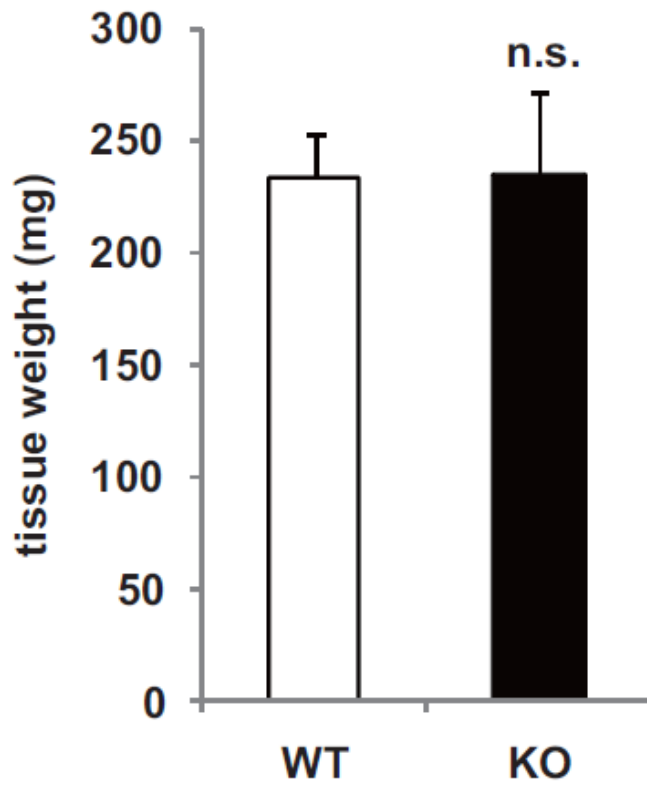
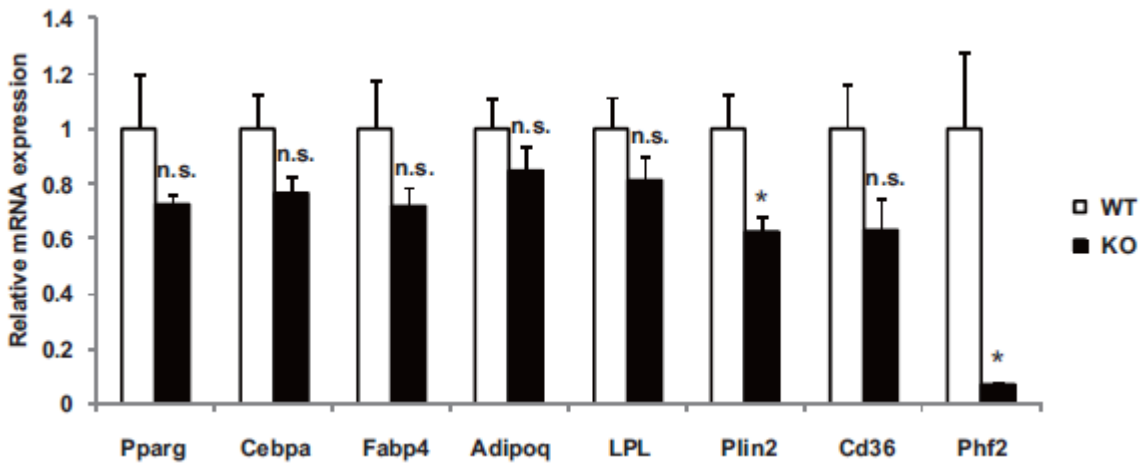


SUPPLEMENTARY DATA

Supplementary Figure 1. Weight of epididymal WAT of *PHF2^{ZZ}* (KO) and wild-type littermates (WT) at eight weeks of age were depicted (n = 3). n.s.; $p > 0.05$ when compared to control.

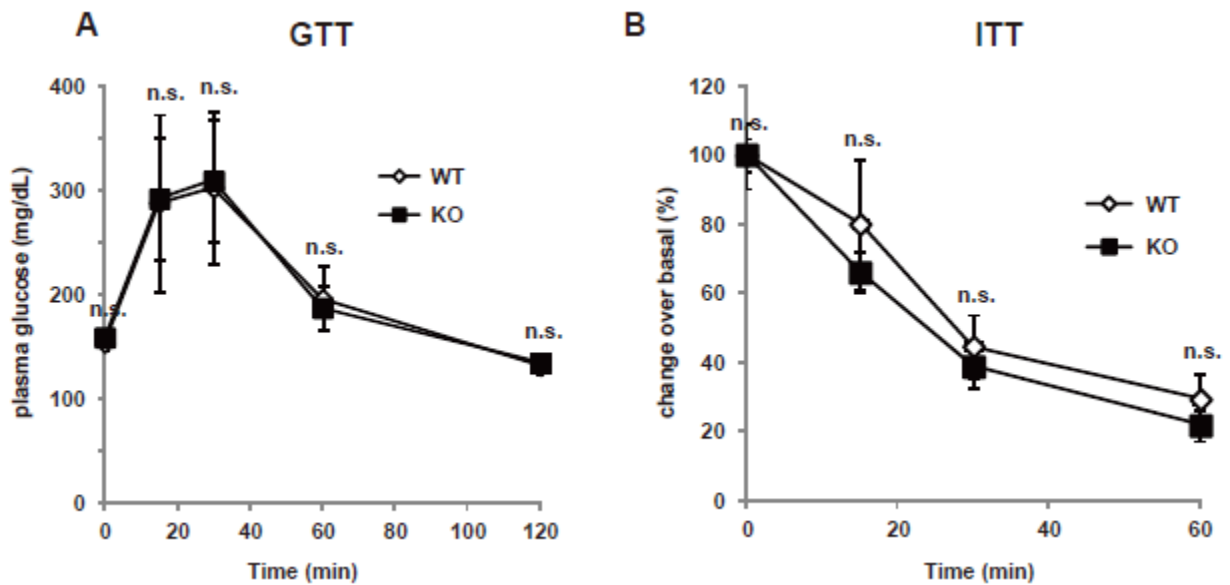


Supplementary Figure 2. Microarray analysis of adipocyte marker genes and *Phf2* gene of *Phf2^{ZZ}* (KO) and wild-type littermates (WT) (n = 3). *, $p < 0.05$, n.s.; $p > 0.05$ when compared to control.



SUPPLEMENTARY DATA

Supplementary Figure 3. Intraperitoneal GTT (A) and intraperitoneal ITT (B) was performed in *Phf2^{ZZ}* (KO) and wild-type littermates (WT) at five weeks of age (n = 3). n.s.; $p > 0.05$ when compared to control.



Supplementary Figure 4. mRNA expression of the *Phf2* gene during adipogenesis. 3T3-L1 cells were harvested on the indicated days after differentiation into adipocytes. Real-time qPCR analysis of the *Phf2* gene was performed (n = 3). *, $p < 0.05$, **, $p < 0.01$, n.s.; $p > 0.05$ when compared to control.

