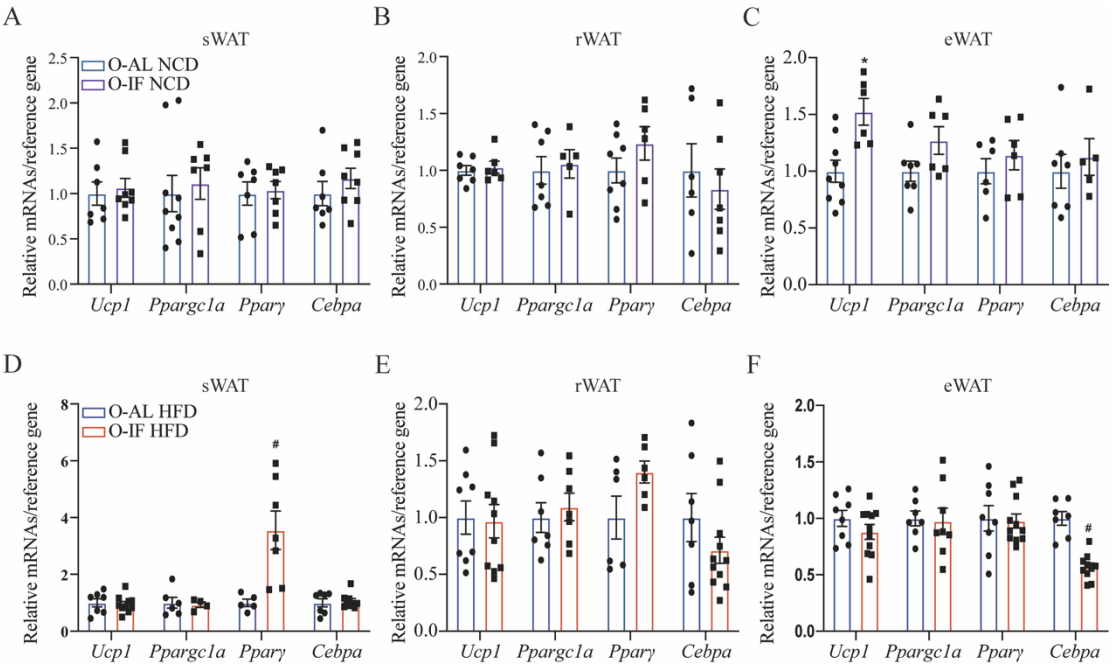


Figure S4. mRNA levels of genes relevant to lipid metabolism in adipose tissues of offspring

Offspring were weaned at 6 weeks of age and fed either NCD or HFD respectively for 12 weeks. mRNA of lipid metabolism relevant genes was analyzed by qRT-PCR. Value was normalized by geometric mean expression of the housekeeping genes *Hprt*, *Rpl32A*, and *Tbp* and expressed as mean±SEM. n=6-7 for O-AL NCD, n=5-8 for O-IF NCD, n=6-8 for O-AL HFD, and 6-11 for O-IF HFD. $^{\#}P<0.05$ versus O-AL HFD.

(A-C) mRNA levels of genes relevant to lipid metabolism of browning and adipogenesis marker in mice fed NCD.

(D-F) mRNA levels of genes relevant to lipid metabolism of browning and adipogenesis marker in mice fed HFD.