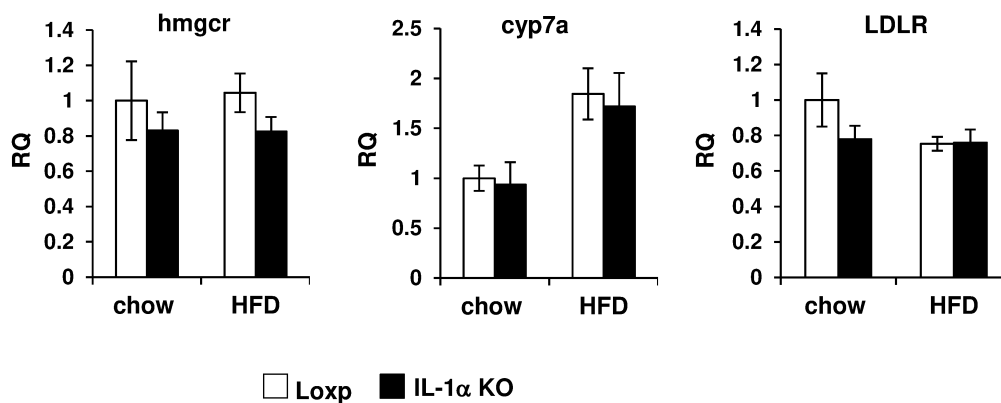


SUPPLEMENTARY DATA

Supplementary Figure S1. mRNA expression levels of cholesterol metabolism-related genes in the liver. The mRNA expression levels of *hmgcr* (3-hydroxy-3-methylglutaryl-coenzyme A reductase), *cyp7a* (Cholesterol 7 alpha-hydroxylase) and *LDLR* (LDL receptor) in livers of *Loxp* and *IL-1 α KO* mice fed HFD for 16 weeks. Data are presented as mean \pm SE.



Supplementary Figure S2. Specific deletion of *IL-1 α* in myeloid cells does not reduce adiposity and glucose intolerance in HFD-induced obesity

(A) Body weight, (B) Liver weight, (C) %Liver to body weight, (D) eWAT weight (E) %eWAT to body weight (F) Serum ALT and (G) Plasma insulin levels in male *Loxp* and *LysMcre-IL-1 α* mice fed HFD (n = 8-10 per group) for 16 weeks and sacrificed after a 16h fast. (H) Glucose tolerance test (GTT) and (I) glucose area under curve (AUC) measured at 15 weeks of HFD after a 4h fast. (J) Fasting plasma cholesterol levels, (K) fasting plasma TG levels, (L) plasma lipoprotein cholesterol profile and (M) plasma lipoprotein TG profile in male *Loxp* and *LysMcre-IL-1 α* mice fed HFD (n = 8-10 per group) for 8 weeks after a 16h fast. Plasma samples were pooled in each group. Data are presented as mean \pm SE.

