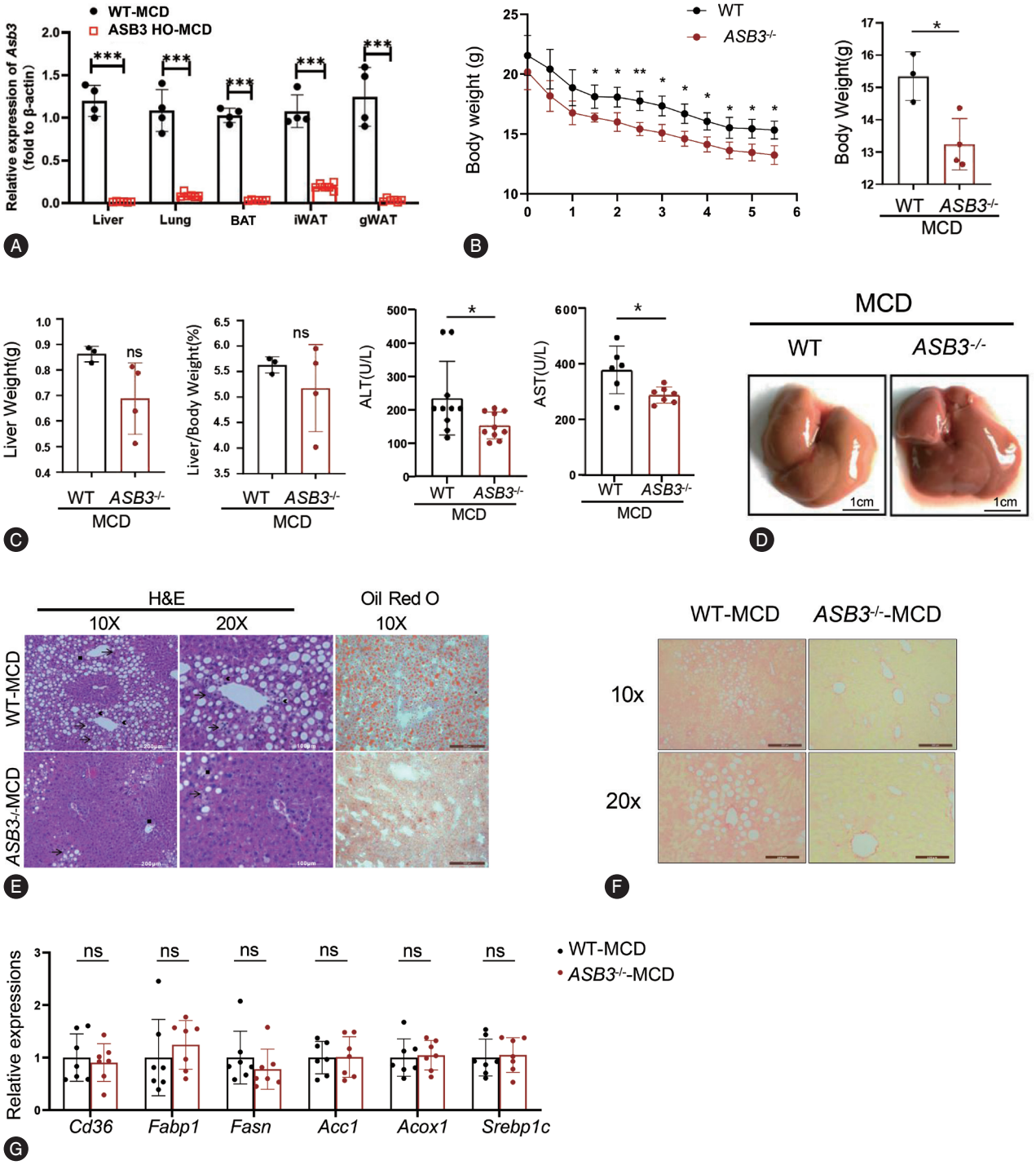


**Supplementary Figure 6.** Comparison of WT and ASB3$^{-/-}$ mice in the progression of MCD-induced MASLD. (A) Relative expression of Asb3 in adipose tissues, lung, and liver of ASB3$^{-/-}$ mice with MCD diets. n=4–6 (B, C). Comparison of body weight (B), liver weight, liver weight/body weight ratio, and serum liver function markers (C) between WT-MCD and ASB3$^{-/-}$ -MCD mice. n=4–10. (D–F) Representative images of liver (D), H&E staining and Oil Red O staining (E) and representative images of Sirius Red staining (F) in WT-MCD and ASB3$^{-/-}$ -MCD mice. (G) Relative mRNA levels of Cd36, Fabp1, Fasn, Acc1, Acox1, and Srebp1c in WT-MCD and ASB3$^{-/-}$ -MCD mice. n=6–7. *$P$<0.05, **$P$<0.01, ***$P$<0.001, ns, no significance.