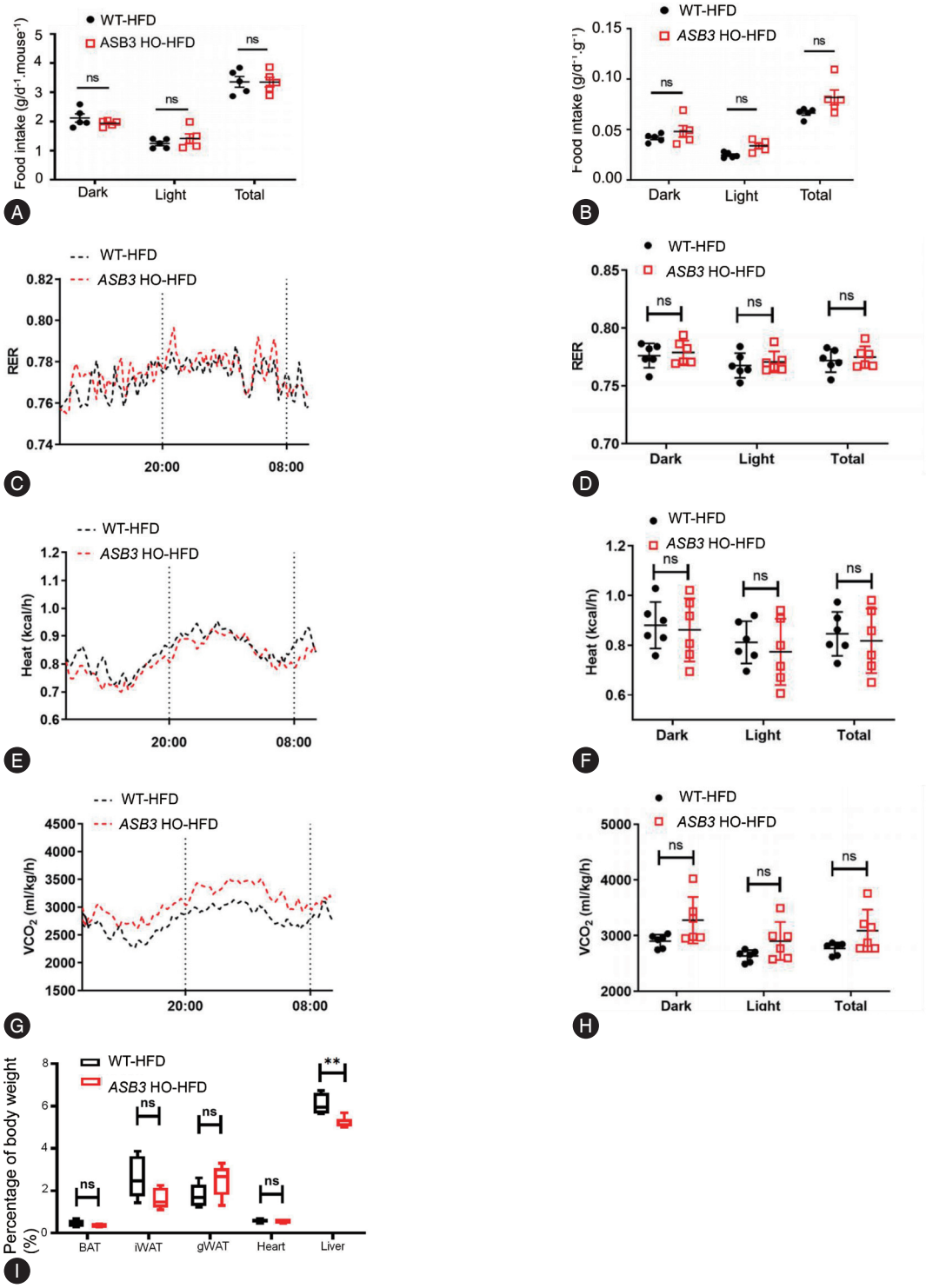

Supplementary Figure 2. Metabolic cage analysis in ASB3 HO-HFD mice vs. WT-HFD mice. (A, B) Food intake (A) and the quantitative data in the night (dark) and day (light) periods, and total period (B) in the mice; (C, D) Respiratory exchange ratio (RER) (C) and the quantitative data in the night (dark), day (light), and total period (D) in the mice; (E, F) heat generation at night period (E) and quantitative analysis in the night (dark) and day (light) periods, and total period (F) in the mice. (G, H) Carbon dioxide volume (Vco2) at night period (G) and quantitative analysis in the night (dark) and day (light) periods, and total period (H) in ASB3 HO-HFD vs. WT-HFD mice. (I) Relative organ weight (normalized to body weight) of adipose tissues, heart, and liver in ASB3 HO-HFD vs. WT-HFD mice. n=5–6 per group. $^{**}P<0.01$; ns, no significance.