



Supplementary Figure 1. Comparison of each parameter in mice in the main experiment with that in the reference mice fed a regular diet. (A) Timeline of the experimental protocol. (B) Body weight of hetero knockout mice (CS+/-) and their wild-type siblings (WT) fed an LCKD and that of reference WT mice fed a regular diet, or (C) body weight of CS+/- and WT mice fed an HFHCD and that of reference WT mice fed a regular diet, during the 8-week experimental period. A two-way ANOVA was performed to determine differences among groups. #, the interaction is significant at $p < 0.05$. ns, the interaction is not significant. (D) Blood parameters of mice in each group. For the comparison, a one-way ANOVA followed by Tukey multiple comparison test was performed. *, $p < 0.05$; **, $p < 0.01$ vs. WT fed a regular diet.