



Supplementary Figure 4. SPP1 KD provides therapeutic effects on body weight gain, insulin resistance, and inflammatory response in HFD-fed mice. (A) The values of area under the curve for both IPGTT and ITT were calculated using the trapezoidal rule to quantify the overall glucose response and insulin sensitivity, respectively. (B) The assessments of gene expression levels of inflammatory cytokines in liver tissues accentuated the remarkable anti-inflammatory effect of SPP1 KD. Data are represented as mean±SD. n=4-8. **P*<0.05, ***P*<0.01, ****P*<0.001. SPP1, secreted phosphoprotein 1; KD, knockdown; HFD, high-fat diets; NCD, normal control diets; IPGTT, intraperitoneal glucose tolerance tests; ITT, insulin tolerance tests; SD, standard deviation.