

CLINICS-D-25-01912_Supplementary Material

Table S1 The differentially expressed genes between HFD and NC groups, HFE and HFD groups, and NC and NE groups.

Table S2 The significantly enriched GO and KEGG pathways of DEGs in HFD vs. NC, HFE vs. HFD, and NC vs. NE.

Table S3 The significantly enriched KEGG pathways of differential metabolites in HFD vs. NC, HFE vs. HFD, and NC vs. NE.

Figure S1 PCA plot of skeletal muscle transcriptome profiles. HFD vs. NC (A). HFD vs. HFE (B). NC vs. NE (C).

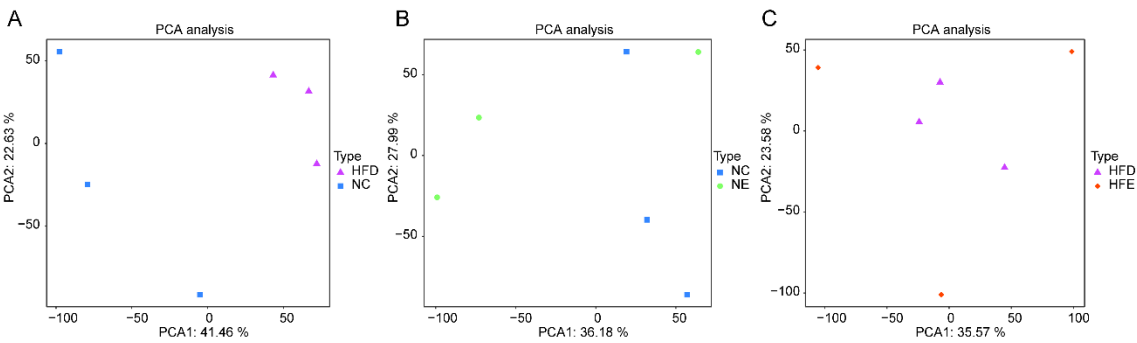


Figure S2 Bubble diagram. Size of dots represents genes number in each GO term.

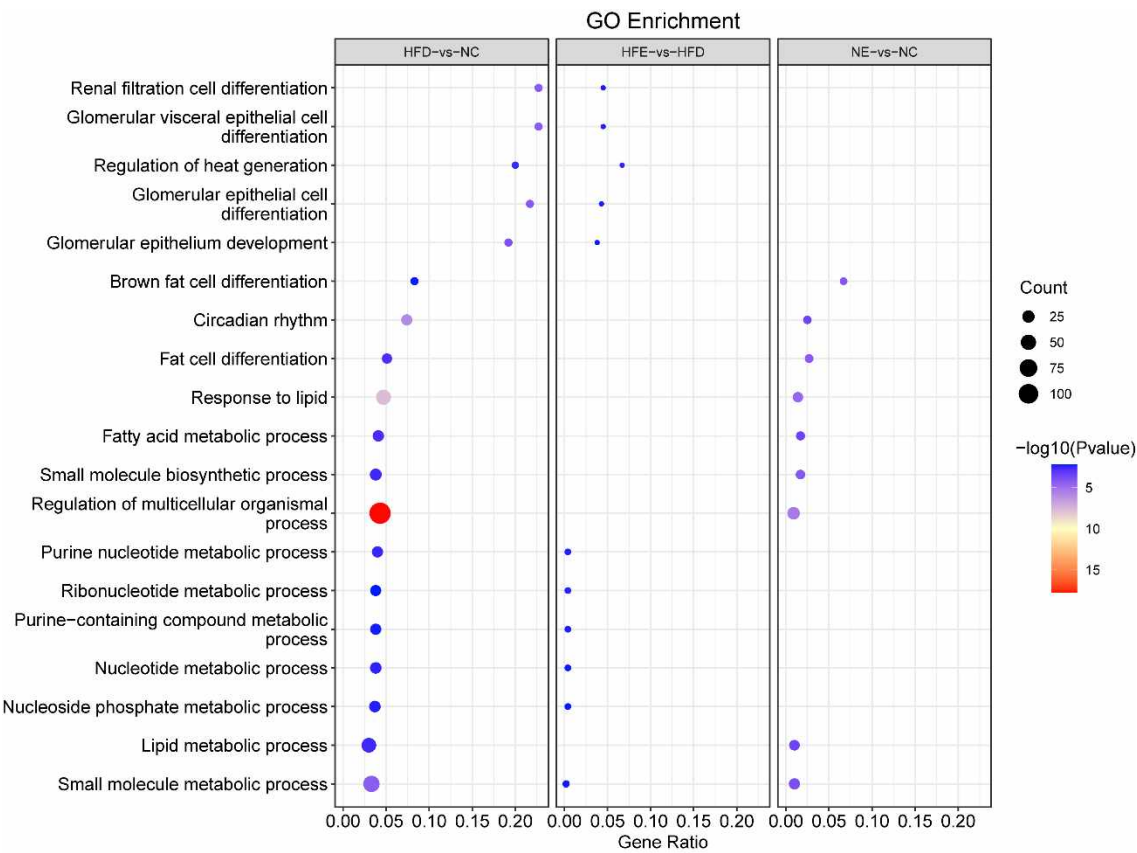


Figure S3 S-plot of OPLS-DA model. HFD vs. NC (A). HFD vs. HFE (B). NC vs. NE (C).

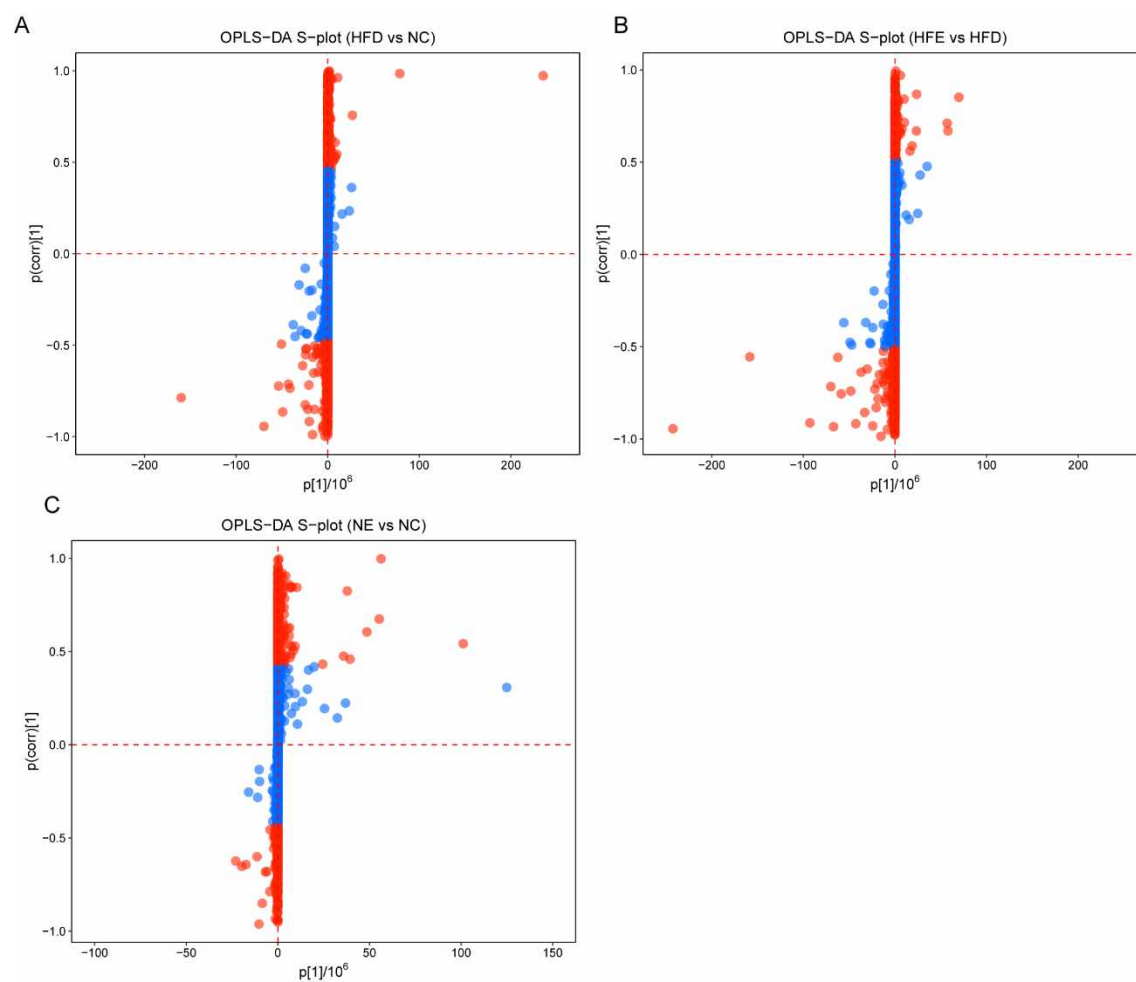


Figure S4 Correlation heatmap of all differential genes and differential metabolites associated with key metabolic pathways. HFD vs. NC (A).

