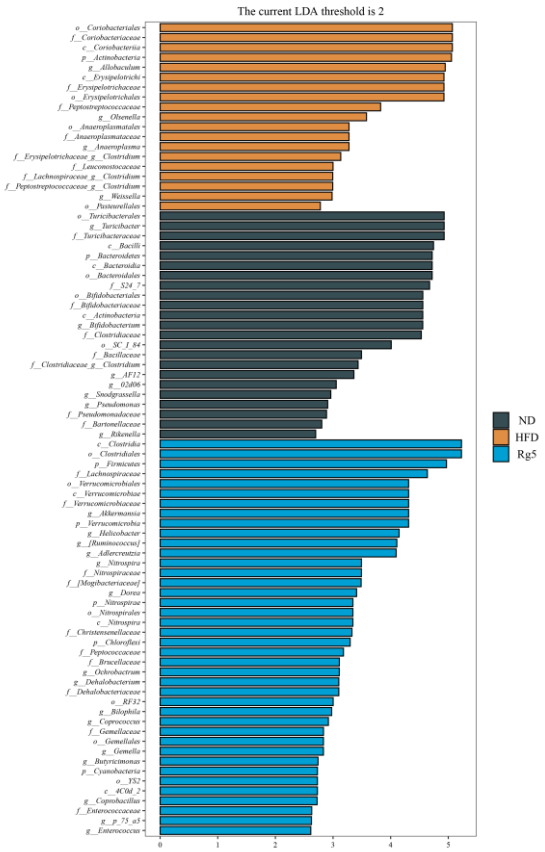


Figure S1. LDA effect size analysis effect size analysis of characteristic genera of the gut microbiota (LEfSe).

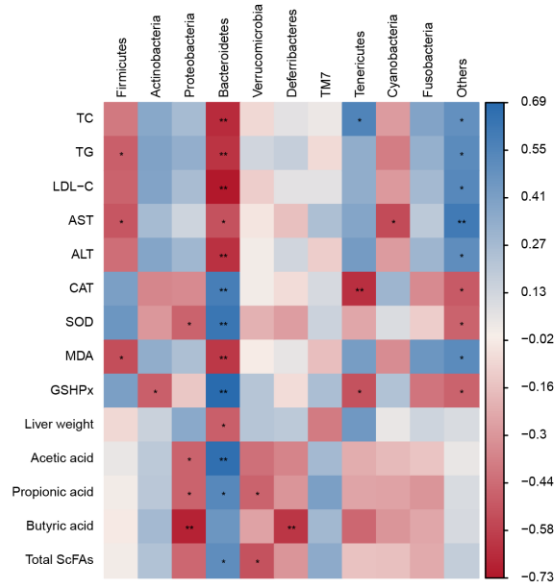


Figure S2. Heat map showing the Spearman correlation between glycolipid metabolism index, levels of SCFAs, and microorganisms at the phylum and genus levels in four groups of mice, respectively. Blue in-dicates high values, while red indicates low values. n=6, significant correlations are indicated by * $p < 0.05$ and ** $p < 0.01$.