

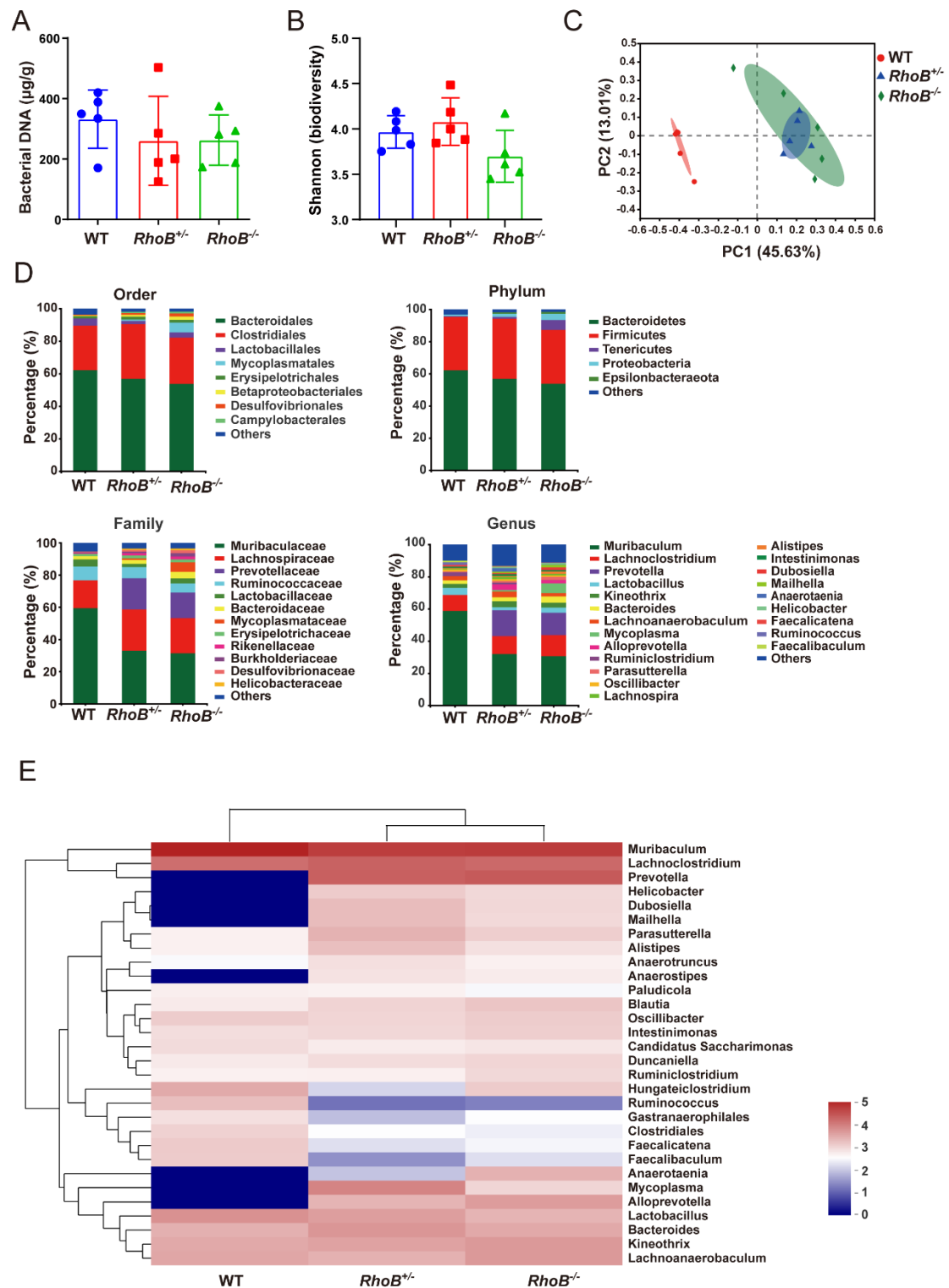


Figure S5. Altered microbiota in *RhoB*^{+/-} and *RhoB*^{-/-} mice. Stool samples from 6-8 week old WT, *RhoB*^{+/-} or *RhoB*^{-/-} mice were collected and analyzed by 16S rRNA gene sequencing (n = 5). **(A)** The amounts of bacterial DNA. **(B)** Analysis of the Shannon diversity index of microbiota. **(C)** PCoA results based on unweighted UniFrac distances. **(D)** Relative abundance of bacteria by taxon-based analyses. **(E)** Heatmap to visualize the relative abundances of the 30 most predominant bacterial genera.