

**Figure S2.** Microbial community beta diversity (based on 16S amplicon sequencing). (A) Principal coordinate analysis (PCoA) based on Bray-Curtis distance showing the microbial community composition of BS, NS, and RN in three sites. PCoA showing the impact of site on the composition of （B）BS, （C）NS, and（D）RN microbial communities, respectively. PERMANOVA was used to analyze the impact of different grouping factors on sample differences.