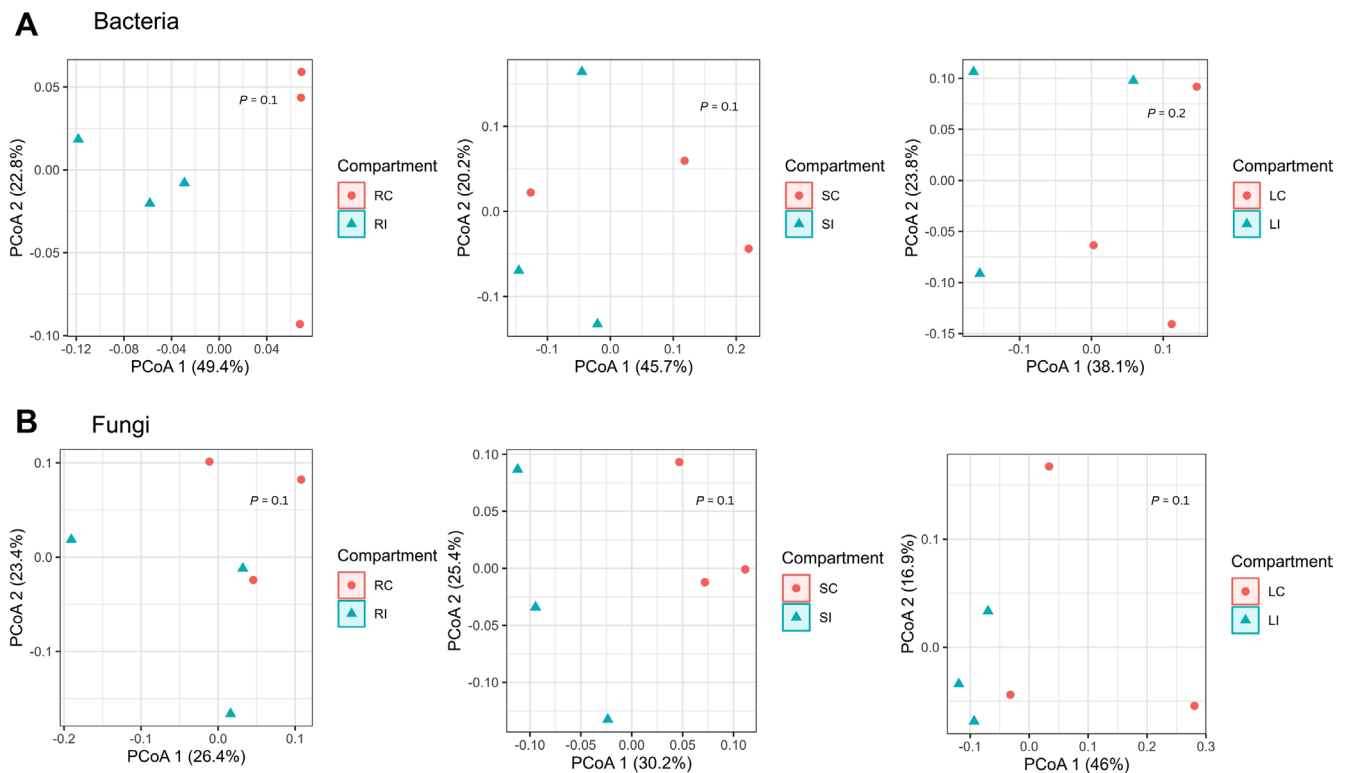


**Supplementary Fig. 1.** Pathogenicity test of rice plant treated with *Magnaporthe oryzae*. Lesions were counted 7 days post-inoculation (dpi) using Adobe Photoshop. Bars represent mean  $\pm$  SEM of three biological replicates with three plants per replicate ( $n = 9$ ). Comparisons were made between the samples using one-way ANOVA followed by post hoc Tukey's test. Asterisks indicate significant differences with  $P$ -values  $< 0.001$  (\*\*\*)



**Supplementary Fig. 2.** Beta diversity of the endophytic microbial communities in root, stem, and leaf of rice plants under control and infected conditions. (A) Principal coordinate analysis (PCoA) plot using Bray-Curtis dissimilarity distance depicting endophytic bacterial community in root, stem and leaf of rice plants ( $n = 3$ ) under control and infected conditions. Statistical analysis was conducted using permutational multivariate analysis of variance (PERMANOVA). (B) PCoA plot using Bray-Curtis dissimilarity distance depicting endophytic fungal community in root, stem and leaf of rice plants ( $n = 3$ ) under control and infected conditions. Statistical analysis was conducted using PERMANOVA. RC, root control (healthy) sample; RI, root infected; SC, stem control; SI, stem infected; LC, leaf control; LI, leaf infected sample.