Figure S1: Boxplot of alpha diversity indices. Shannon and Simpson indices reflect the OTU diver-sity in samples. The observed species, ACE and Chao1 indices estimate the OTU richness in samples. Good's coverage estimator represents the percent of the total species represented in each sample category. Wilcoxon and Tukey's tests were used to detect statistically significant differences between categories (*, p ⩽ 0.05; **, p ⩽ 0.01; ***, p ⩽ 0.001).