

Supplementary Figure 4. Bacterial community and diversity comparison between the low pruritus and the high pruritus groups. (A) Beta diversity did not show different microbial compositions between the low pruritus and the high pruritus groups. Permutational multivariate analysis of variance was performed for statistical comparisons of samples in the two groups. Beta diversity analysis was performed using Bray-Curtis, Jensen-Shannon, generalized UniFrac, and UniFrac metrics. (B) Bacterial richness and diversity measured by Chao1 and Simpson were calculated at the microbial amplicon sequence variant level at back. Wilcoxon rank-sum test was performed.