

1 Additional file 14. Fig. S5. Prediction models and discriminant taxa of bacteriome. a. Prediction models using Random Forest (RF). X-axis
2 represents the number of important species (variables) ranking top n, y-axis represents the corresponding prediction error rate using 10-fold cross
3 validation (CV). b. The Receiver Operating Characteristic (ROC) curve for the random forest model. c,d. LEfSe analysis showing the differentially
4 abundant taxonomy (CON vs untreated asthma group, untreated asthma group vs ICS asthma group). The LDA scores ($\log_{10}$) > 2 are listed, $p \leq$
5 0.05.
6

