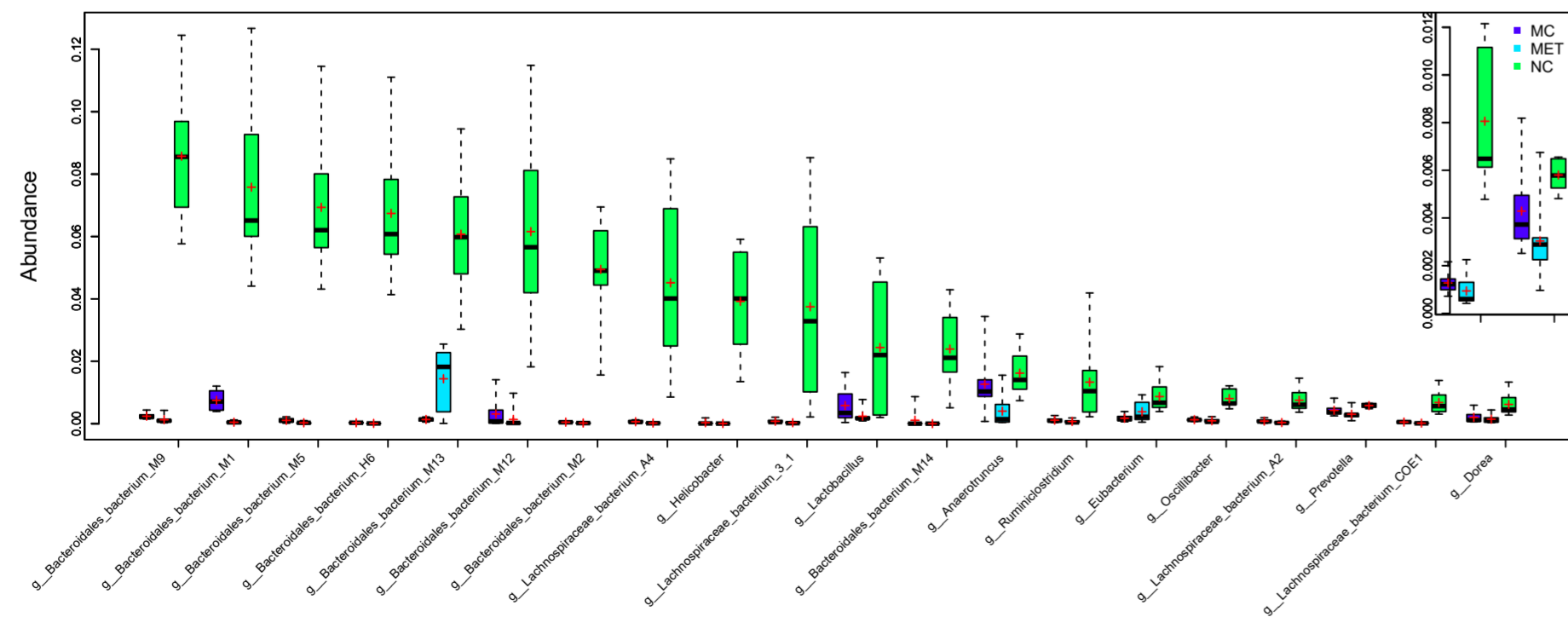
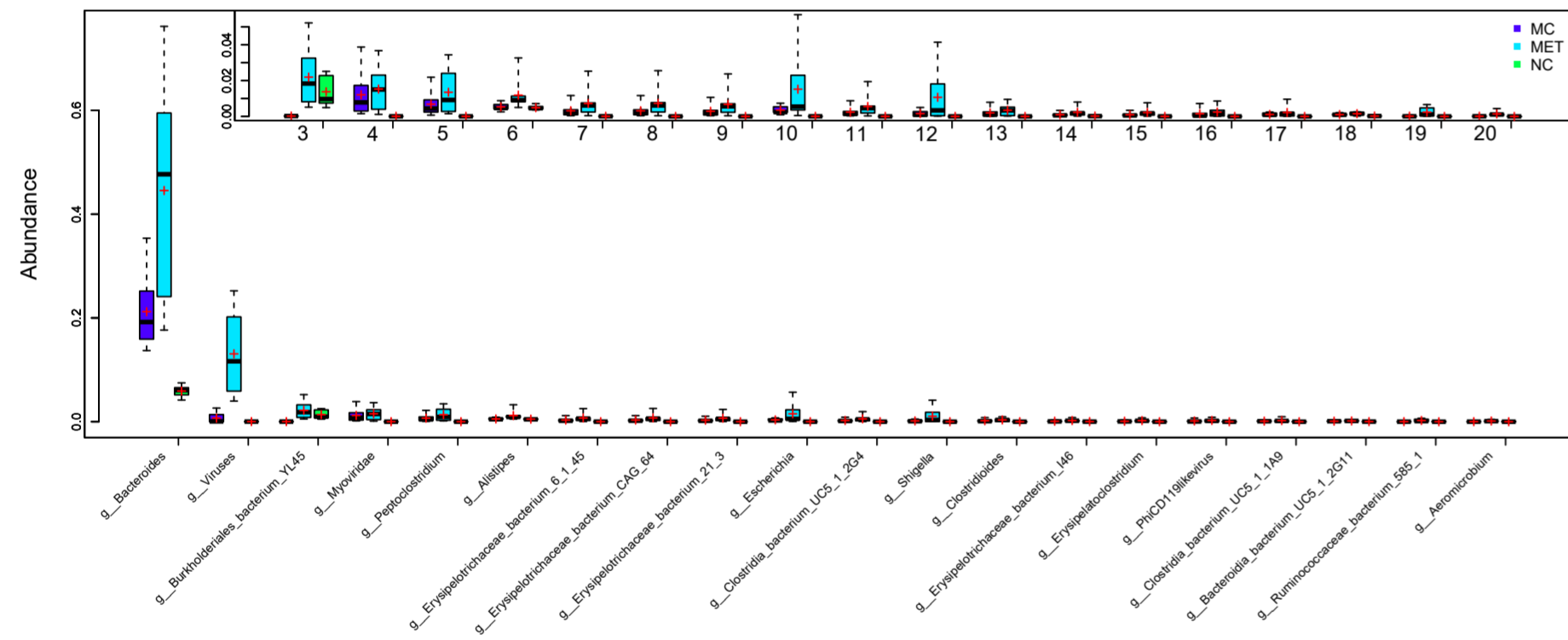
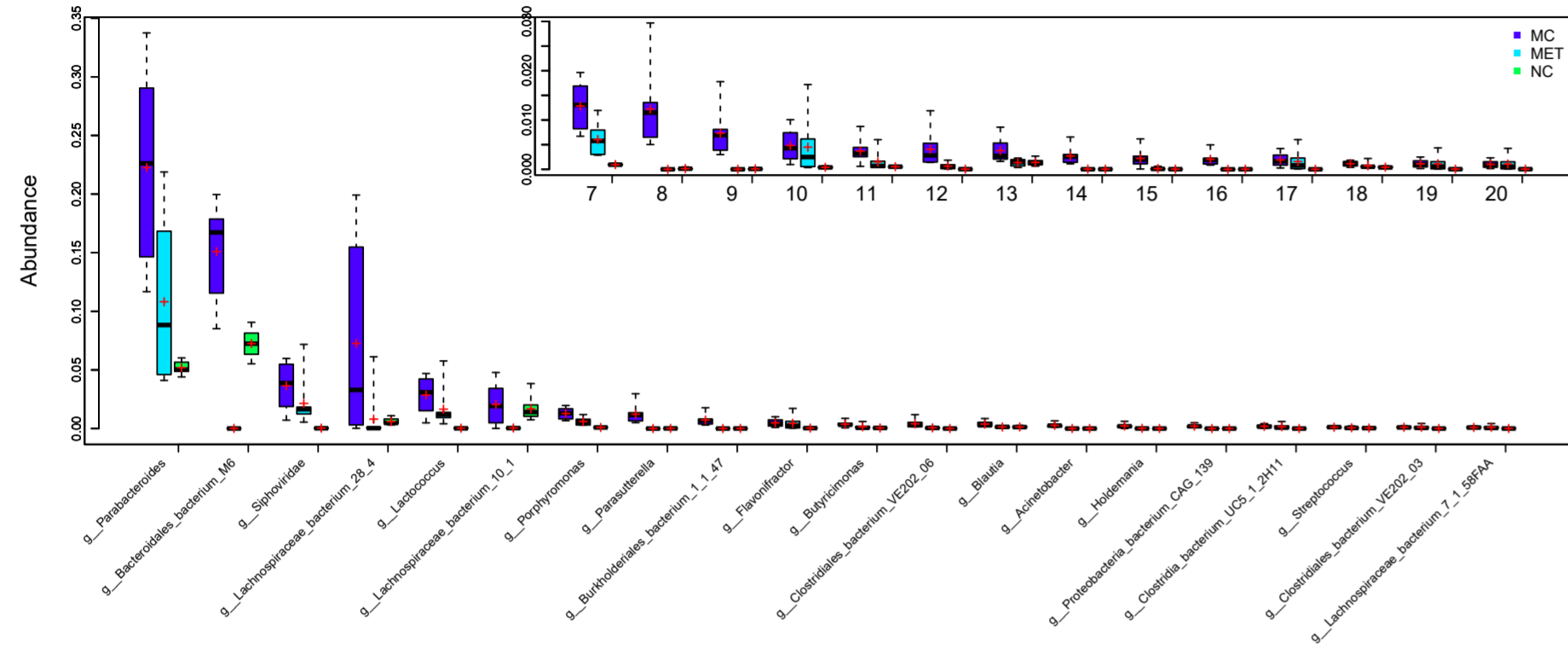
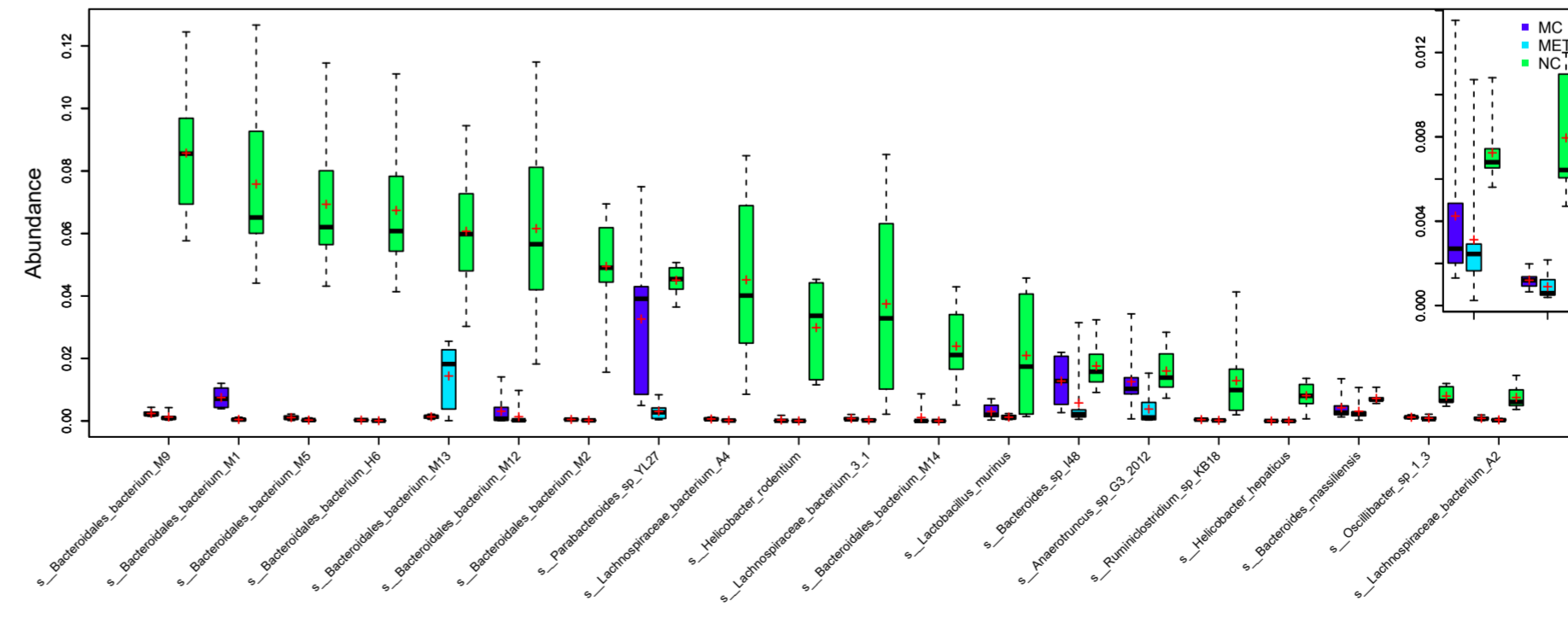
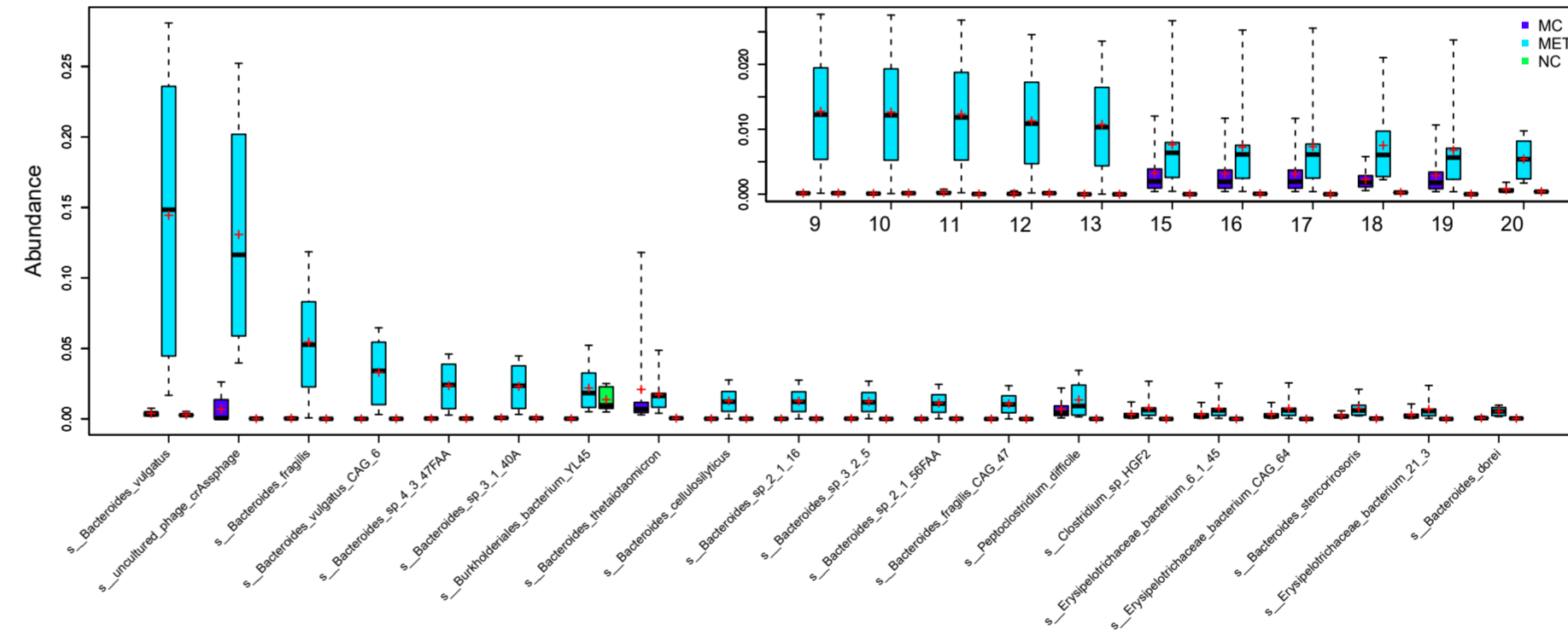
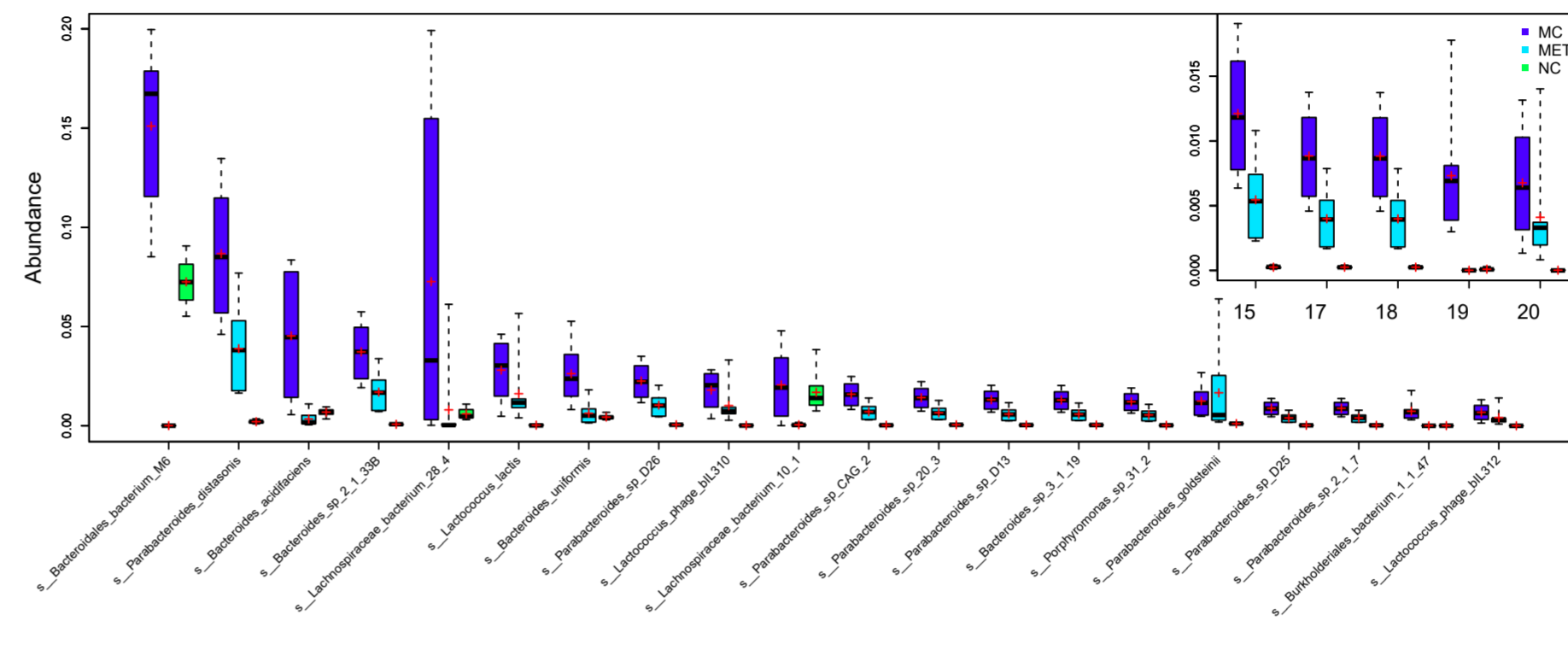


### Additional file 3 Dominant genus and species in each group

#### Genus



#### Species



Obtained from the relative abundance profiles via Wilcox sum-rank test (FDR adjusted  $P < 0.05$ ).