

Mixed Viral-Bacterial Infections and Their Effects on Gut Microbiota and Clinical Illnesses in Children

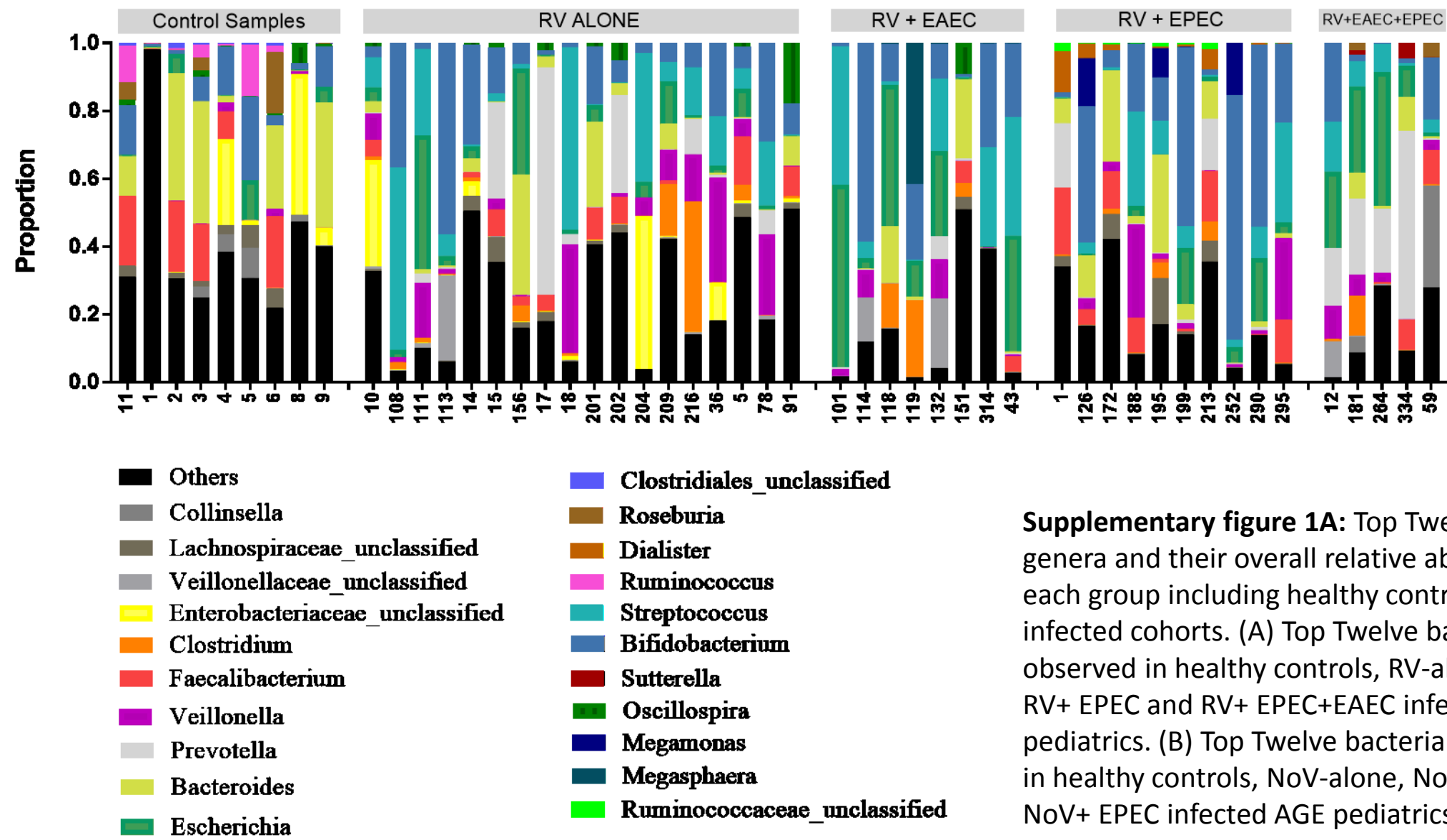
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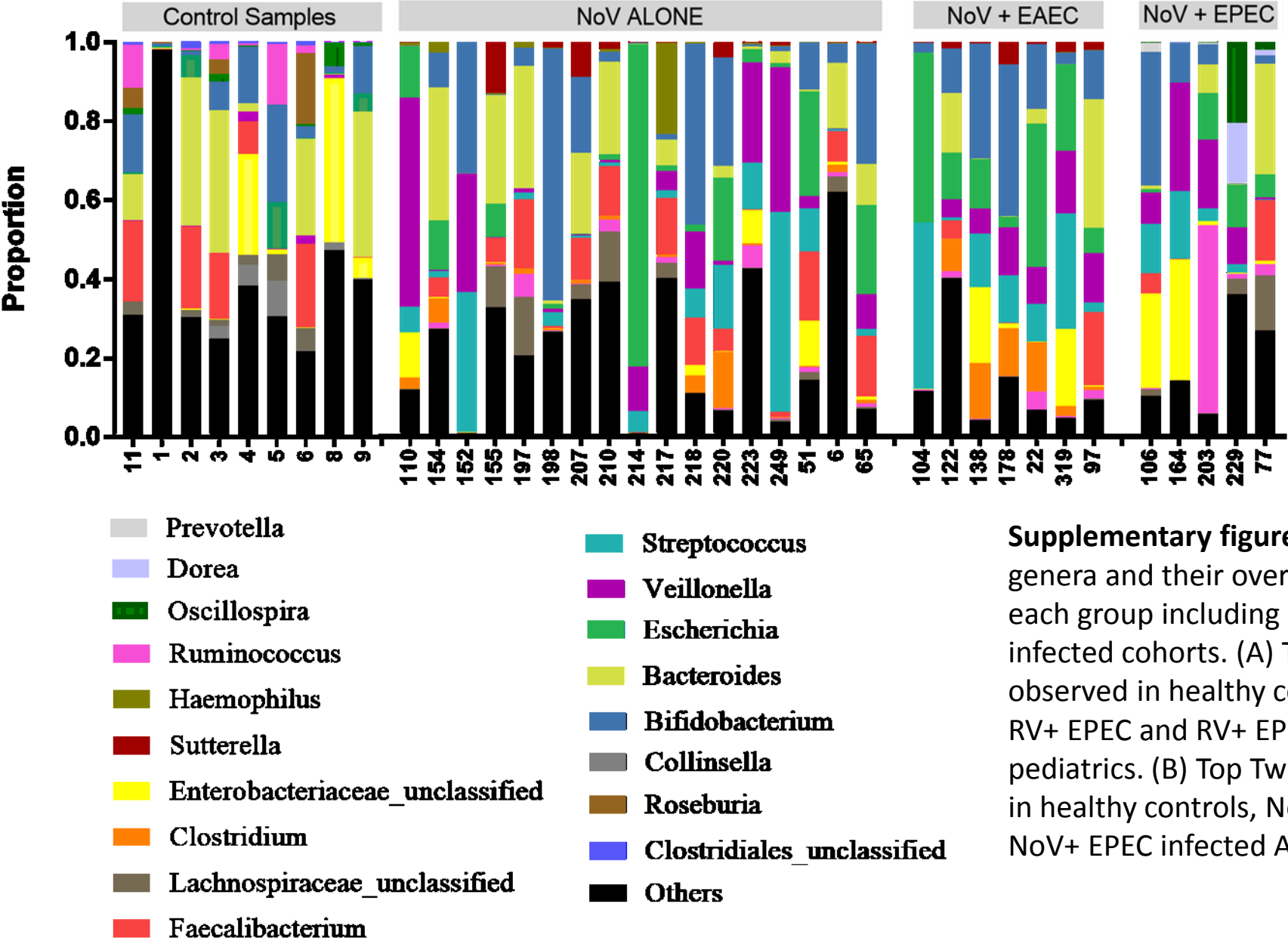
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Supplementary figure 1A



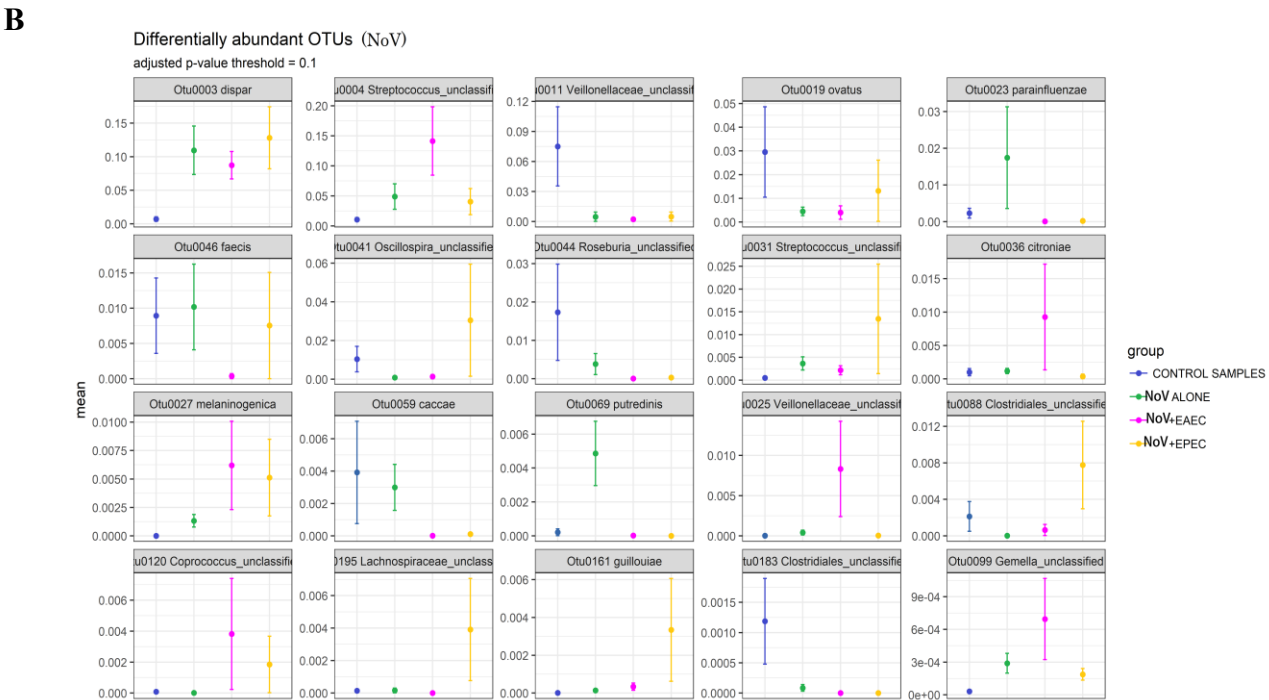
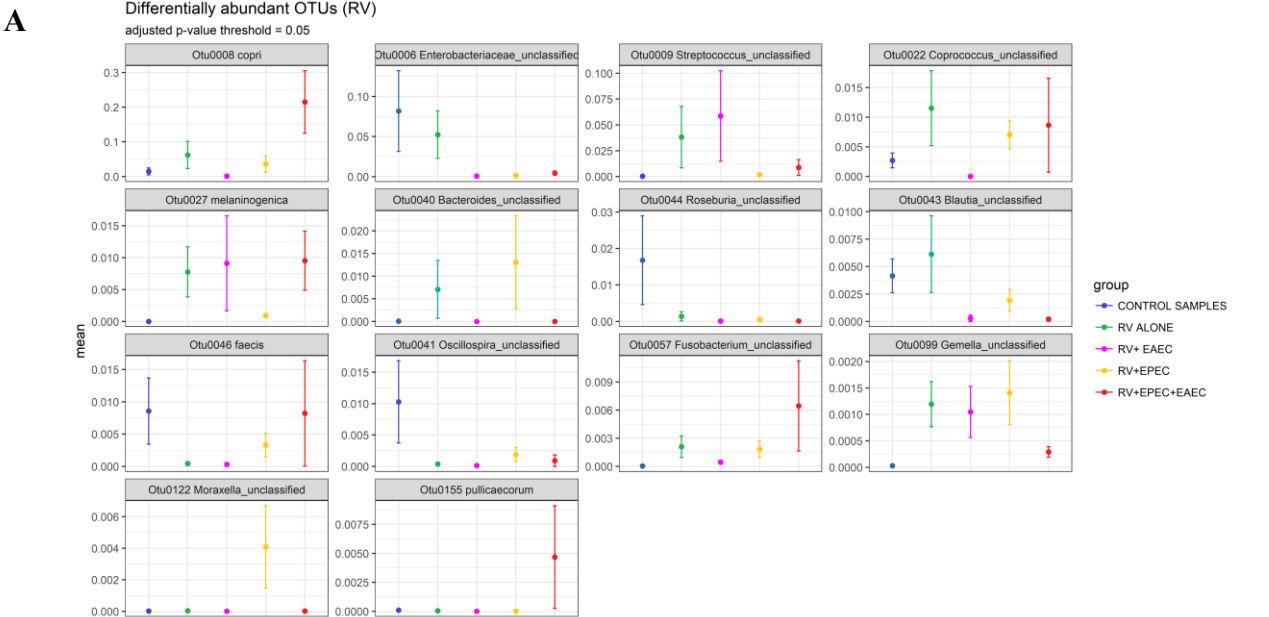
Supplementary figure 1A: Top Twelve bacterial genera and their overall relative abundance per each group including healthy controls, RV and NoV infected cohorts. (A) Top Twelve bacterial genera observed in healthy controls, RV-alone, RV+ EAEC, RV+ EPEC and RV+ EPEC+EAEC infected AGE pediatrics. (B) Top Twelve bacterial genera observed in healthy controls, NoV-alone, NoV+ EAEC, and NoV+ EPEC infected AGE pediatrics.

Supplementary figure 1B



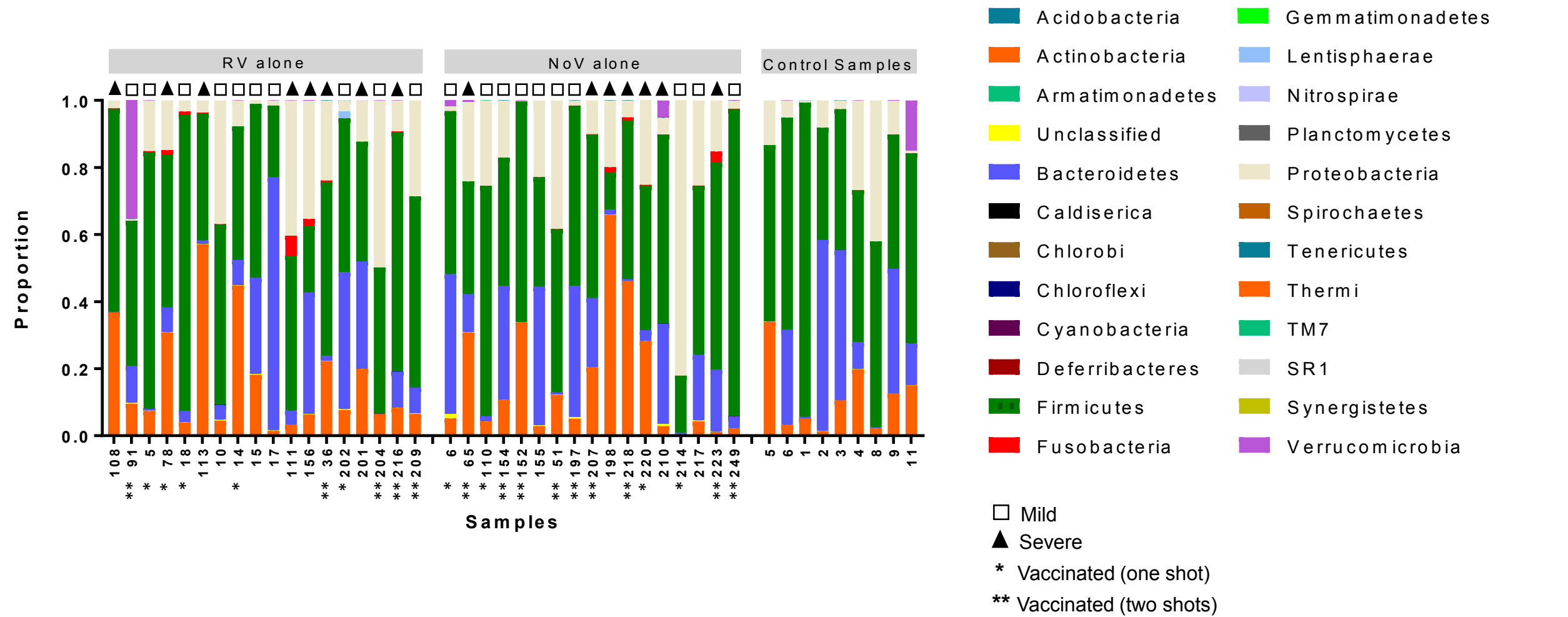
Supplementary figure 1B: Top Twelve bacterial genera and their overall relative abundance per each group including healthy controls, RV and NoV infected cohorts. (A) Top Twelve bacterial genera observed in healthy controls, RV-alone, RV+ EAEC, RV+ EPEC and RV+ EPEC+EAEC infected AGE pediatrics. (B) Top Twelve bacterial genera observed in healthy controls, NoV-alone, NoV+ EAEC, and NoV+ EPEC infected AGE pediatrics.

Supplementary figure 2



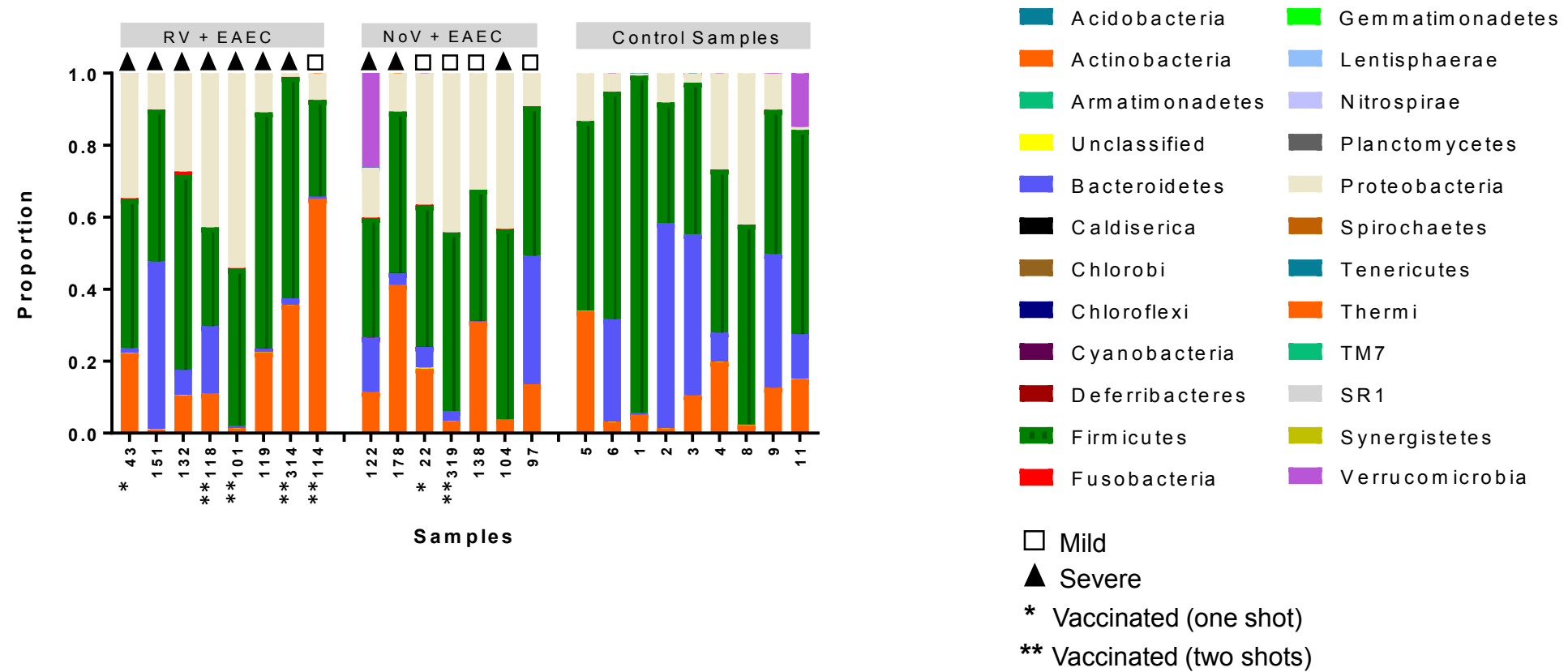
Supplementary figure 2: Statistical analysis of differentially abundant OTUs in RV and NoV cohorts. (A) Differentially abundant OTUs present in control samples and RV cohorts (adjusted p-value threshold=0.05). (B) Differentially abundant OTUs present in control samples and NoV cohorts (adjusted p-value threshold=0.1).

Supplementary figure 3



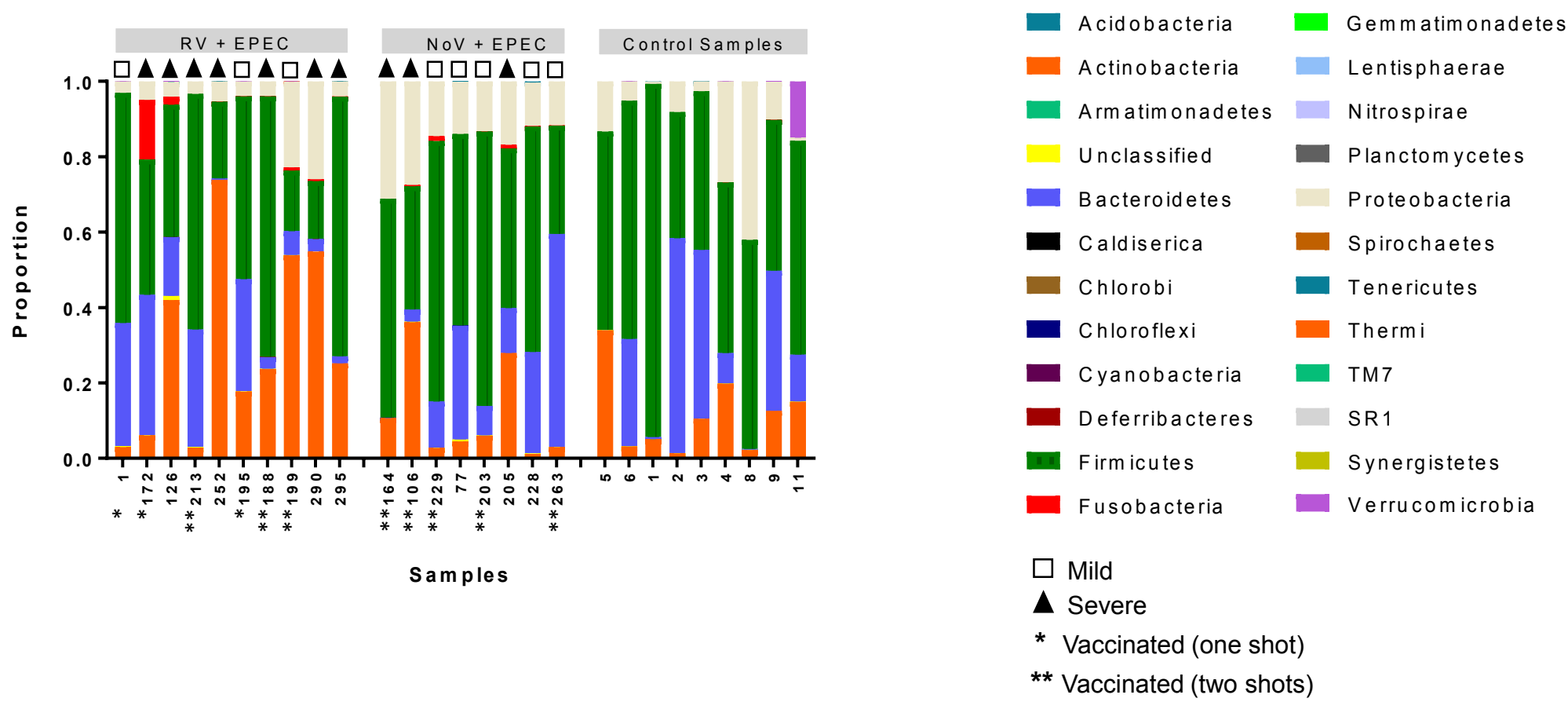
Supplementary figure 3. Microbial profiles represented in phylum level for each group with RVV vaccination and severity of the disease: RV infected, NoV infected, and healthy controls.

Supplementary figure 4



Supplementary figure 4. Microbial profiles represented in phylum level for each group with RVV vaccination and severity of the disease: RV + EAEC, NoV + EAEC, and healthy controls.

Supplementary figure 5



Supplementary figure 5. Microbial profiles represented in phylum level for each group with RVV vaccination and severity of the disease: RV + EPEC, NoV + EPEC, and healthy controls.