a

psAF 52 common 53 PAF 36

c

Top 10 PAF & psAF common families

group
- CTR
- PAF
- psAF

Relative abundance (log10)

Prevotellaceae, *Bifidobacteriaceae*, *Eubacteriaceae*, *Lachnospiraceae*, *Sutterellaceae*, *Veillonellaceae*, *Streptococcaceae*, *Oscillospiraceae*, *Lactobacillaceae*, *Erysipelotrichaceae*
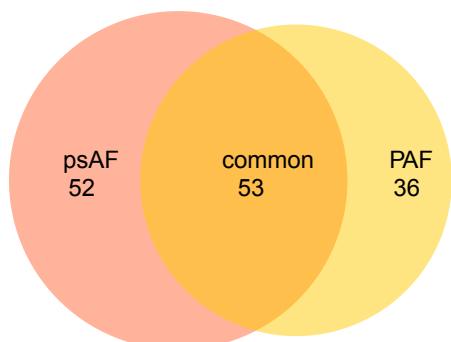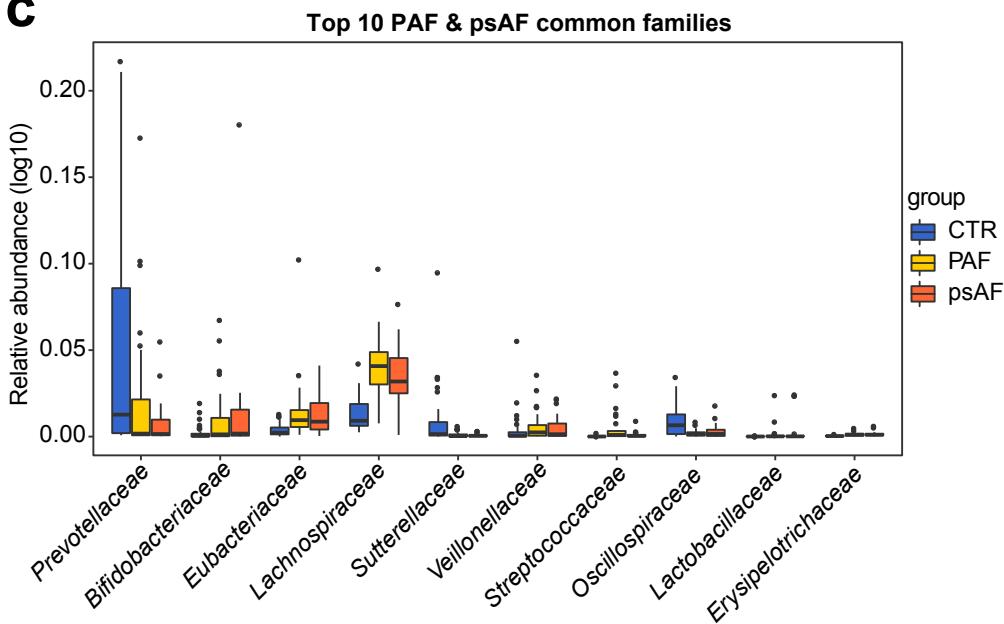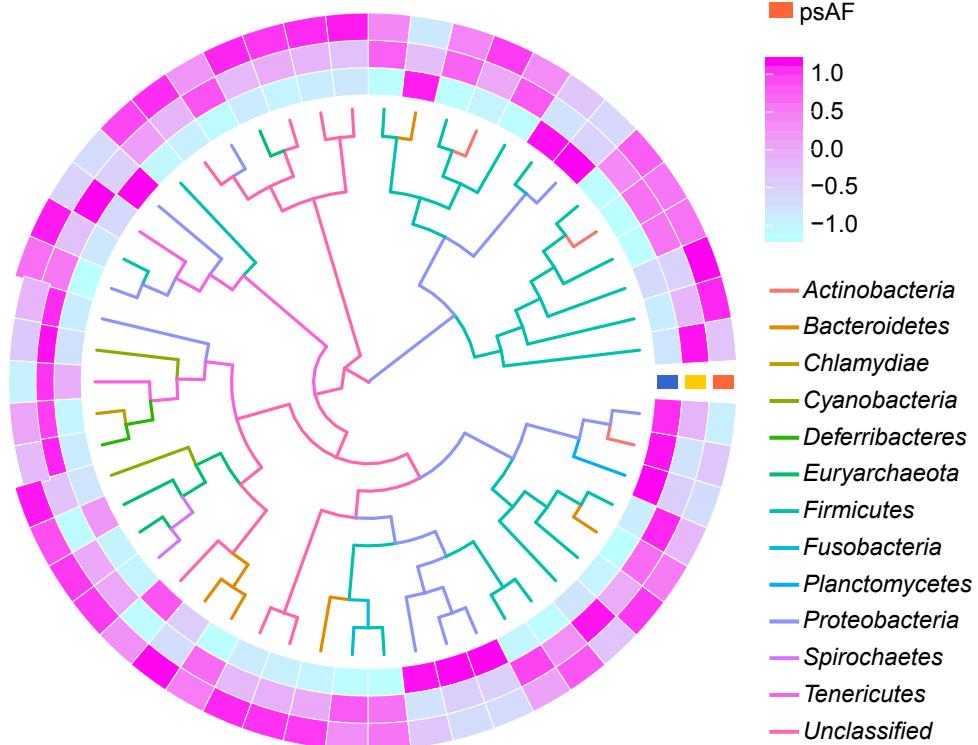
b

53 PAF & psAF common families

- CTR
- PAF
- psAF

- *Actinobacteria*
- *Bacteroidetes*
- *Chlamydiae*
- *Cyanobacteria*
- *Deferribacteres*
- *Euryarchaeota*
- *Firmicutes*
- *Fusobacteria*
- *Planctomycetes*
- *Proteobacteria*
- *Spirochaetes*
- *Tenericutes*
- *Unclassified*

d

- CTR
- PAF
- psAF

- common
- PAF unique
- psAF unique

Prevotellaceae, *Oscillospiraceae*, *Sutterellaceae*, *Streptococcaceae*, *Lachnospiraceae*, *Eubacteriaceae*, *Veillonellaceae*, *Lactobacillaceae*, *Bifidobacteriaceae*, *Erysipelotrichaceae*, *Rikenellaceae*, *Desulfovibrionaceae*, *Synergistaceae*, *Nitrosomonadaceae*, *Chromobacteriaceae*, *Hymenobacteraceae*, *XIII Incertae Sedis*, *Halobacteroidaceae*, *Hafniaceae*, *Enterobacteriaceae*, *Chitinophagaceae*, *Thiotrichaceae*, *Myoviridae*, *Flammeovirgaceae*, *Methanobacteriaceae*, *Marinilabiliaceae*, *Selenomonadaceae*, *Fusobacteriaceae*, *Methylococcaceae*, *Peptoniphilaceae*