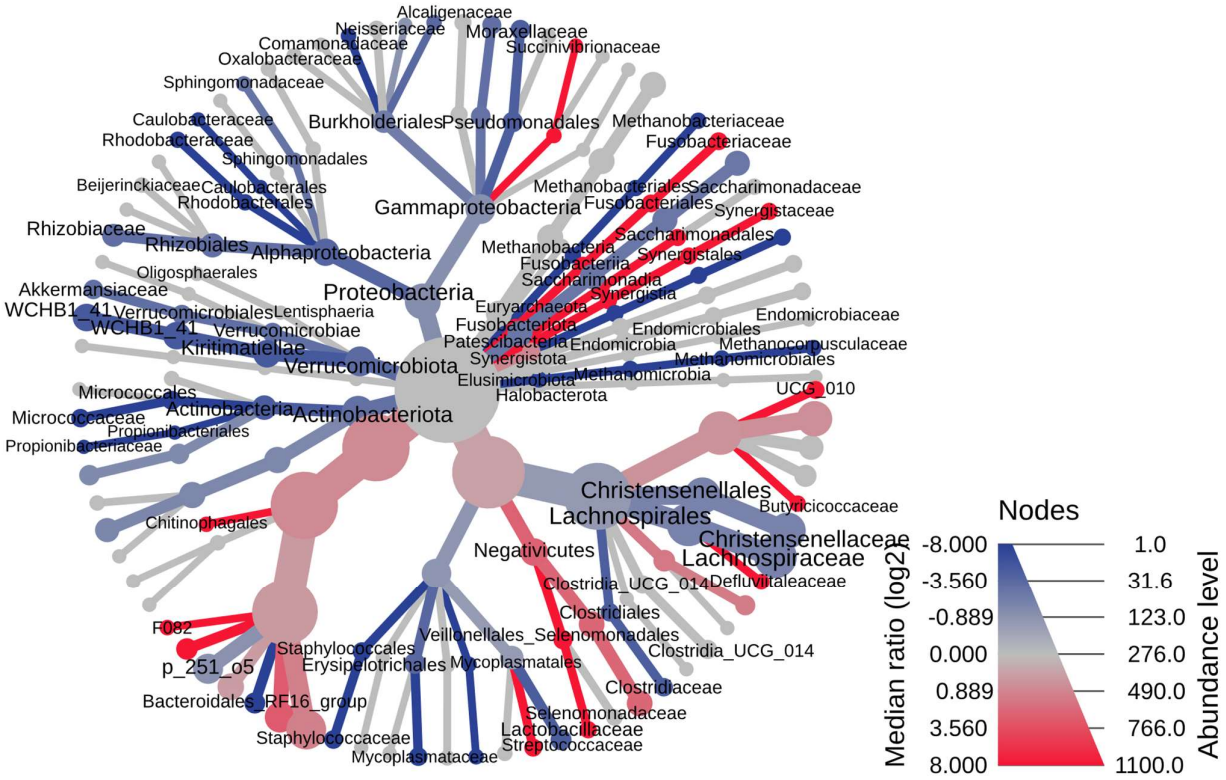

Alcaligenaceae
Neisseriaceae
Moraxellaceae
Comamonadaceae
Succinivibrionaceae
Oxalobacteraceae
Sphingomonadaceae
Caulobacteraceae
Burkholderiales
Pseudomonadales
Methanobacteriaceae
Rhodobacteraceae
Fusobacteriaceae
Sphingomonadales
Beijerinckiaceae
Caulobacterales
Methanobacteriales
Saccharimonadaceae
Rhodobacterales
Gammaproteobacteria
Fusobacteriales
Synergistaceae
Rhizobiaceae
Saccharimonadales
Rhizobiales
Alphaproteobacteria
Methanobacteria
Synergistales
Fusobacteriia
Oligosphaerales
Saccharimonadia
Akkermansiaceae
Proteobacteria
Synergistia
WCHB1_41
Verrucomicrobiales
Lentisphaeria
Euryarchaeota
Endomicrobiaceae
WCHB1_41
Verrucomicrobiae
Fusobacteriota
Endomicrobiales
Kiritimatiellae
Patescibacteria
Endomicrobia
Methanocorpusculaceae
Verrucomicrobiota
Synergistota
Methanomicrobiales
Elusimicrobiota
Methanomicrobia
Micrococcales
Halobacterota
UCG_010
Micrococcaceae
Actinobacteria
Actinobacteriota
Propionibacteriales
Propionibacteriaceae
Christensenellales
Butyricicoccaceae
Lachnospirales
Chitinophagales
Christensenellaceae
Negativicutes
Lachnospiraceae
Clostridia_UCG_014
Defluviitaleaceae
Clostridiales
F082
Veillonellales_Selenomonadales
Staphylococcales
Clostridia_UCG_014
p_251_o5
Erysipelotrichales
Mycoplasmatales
Clostridiaceae
Bacteroidales
RF16_group
Selenomonadaceae
Lactobacillaceae
Staphylococcaceae
Streptococcaceae
Mycoplasmataceae
Nodes
Median ratio (log2)
-8.000
-3.560
-0.889
0.000
0.889
3.560
8.000
1.0
31.6
123.0
276.0
490.0
766.0
1100.0
Abundance level

**S6 Fig**