



- ▲ Depth groups as tested by t-test ($p\text{FDR} < 0.05$): filled=shallow, empty=deep, absent=not significant
- ▶ Depth as tested by correlation test ($p < 0.05$): filled=decreasing, empty=increasing, absent=not significant
- ★ SpongeEMP: filled=enriched, empty=not enriched, absent=not checked
- Barrettin: filled= positiv significant correlation, empty=negative correlation and/or not significant, absent=not enough data
- Connections: ecotypes (sequence similarity $> 97\%$ and opposing depth response)

Acidobacteria
Actinobacteria
Bacteroidetes
Chloroflexi

Deinococcus Thermus
Gemmatimonadetes
Nitrospirae
Nitrospirae

PAUC34f
Poribacteria
Proteobacteria
SBR1093
Spirochaetae

Tectomicrobia
Thaumarchaeota
Verrucomicrobia
unclassified