

# 16S SAO coral microbiome bibliographic review:

Compile metadata

Download 16S  
sequences

Bacterial cloning

Shotgun

Metabarcoding

filter 16S sequences

remove primers

denoising

BLASTN - Silva 132

filter Chloroplast reads

BLASTN - PR2 v4.12

Compile classified plastid  
occurrence and associated  
metadata into  
**SAO plastid inventory**

Alpha diversity

Beta diversity

Indicator taxa

**Case study:**

Abrolhos reefs  
*Mussismilia hartii*  
microbiome  
(23 coral samples, 19  
water samples)

**Prevalence of SAO  
plastid-bearing  
eukaryotes**  
(129 coral samples, 48  
water samples)