

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)