**TAXONOMY:** Assigned Greengenes taxonomy & most common taxonomy of 100% ID matches to RDP.

Greengenes lineage: \(k\_\)Bacteria; \(p\_\)Proteobacteria; \(c\_\)Gammaproteobacteria

RDP lineage: \(d\_\)Bacteria; \(k\_\); \(p\_\)Proteobacteria; \(c\_\)Gammaproteobacteria; \(o\_\); \(f\_\); \(g\_\)

RDP species: gamma proteobacterium (22/46) Thiotrichales bacterium (11/46) bacterium IMCC11488 (1/46)

**PREVALENCE:** Found in 3.50% of samples, rank #1286 out of 153302 tag sequences.

**ABUNDANCE:** Composes 0.089% of observations, rank #140 out of 153302 tag sequences.

**METHODS:** Amplicon PCR with 16S rRNA V4 primers 515f–806rB. Sequencing with Illumina HiSeq 90/100-bp or MiSeq 150-bp single reads. Sequences error-checked with Deblur, trimmed to 90 bp & rarefied to 5000 obs./sample. Showing 2000 samples evenly distributed by habitat & study.

**PREVALENCE BY HABITAT:**

**ABUNDANCE BY ENVIRONMENTAL PARAMETERS:**

- pH
- Temperature (°C)
- Salinity (psu)
- Oxygen (mg/L)