

## Species *Poriferisocius anaerobius*

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### Etymology

[a.nae.ro'bi.us] Gr. pref. *an-*, not; Gr. masc. n. *aer*, air; Gr. masc. n. *bios*, life; N.L. masc. adj. *anaerobius*, one who lives without air

### Nomenclatural type

[NCBI Assembly: GCA\\_028278785.1](#)<sup>Ts</sup>

### Description

Symbiont found to be enriched in sponge microbiomes, and no other environments. Predicted to be capable of growth under anoxic conditions with fumarate and hydrogen peroxide as electron acceptors

### Classification

*Bacteria* » *Actinomycetota* » *Acidimicrobiia* » *Acidimicrobiales* » *Hopanoidiivorantaceae* » *Poriferisocius* » *Poriferisocius anaerobius*

### References

Effective publication: Nguyen et al., 2023 [1]

### Registry URL

<https://seqco.de/i:23659>

## References

1. Nguyen et al. (2023). Identification, classification, and functional characterization of novel sponge-associated acidimicrobiial species. *Systematic and Applied Microbiology*. DOI:10.1016/j.syapm.2023.126426