

Species *Propenissumisoma ripicum*

Etymology

[ri.pi'cum] **L. fem. n.** *ripa*, seashore; **L. neut. adj. suff.** *-icum*, suffix used with the sense of belonging to; **N.L. neut. adj.** *ripicum*, Pertinent to the seashore, referring to a species found in the coast

Nomenclatural type

[NCBI Assembly: GCA_963775725.1](#)^{Ts}

Description

Species established on the basis of ANI comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly "uncultured bacterium" in Silva 138.2. Based on metabolic reconstruction, *Propenissumisoma ripicum* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

Classification

Bacteria » *Acidobacteriota* » *Thermoanaerobaculia* » *Outrupibacteriales* » *Propenissumisomataceae* » *Propenissumisoma* » *Propenissumisoma ripicum*

References

Effective publication: Sereika et al., 2025 [1]

Registry URL

<https://seqco.de/i:54313>

References

1. Sereika et al. (2025). Genome-resolved long-read sequencing expands known microbial diversity across terrestrial habitats. *Nature Microbiology*. [DOI:10.1038/s41564-025-02062-z](https://doi.org/10.1038/s41564-025-02062-z)