

Species *Lyngaabacter sediminis*^{Ts}

Etymology

[se.di.mi'nis] **L. masc. gen. n.** *sediminis*, A species found in sediments

Nomenclatural type

[NCBI Assembly: GCA_963800865.1](#)^{Ts}

Description

Species established on the basis of ANI comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Based on metabolic reconstruction, *Lyngaabacter sediminis* is inferred to encode the rod shape-determining protein MreB, peptidoglycan biosynthesis genes and flagellar genes.

Classification

Bacteria » *Acidobacteriota* » *Polarisedimenticolia* » *Lyngaabacterales* » *Lyngaabacteraceae* » *Lyngaabacter* » *Lyngaabacter sediminis*^{Ts}

References

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

Registry URL

<https://seqco.de/i:54104>

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)