

Species *Lonstrupium lacustre*^{Ts}

Etymology

[la.cus'tre] **L. neut. adj.** *lacustre*, A species found in a lake

Nomenclatural type

[NCBI Assembly: GCA_963702895.1](#)^{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, *Lonstrupium lacustre* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

Classification

Bacteria » *Elusimicrobiota* » *Elusimicrobia* » *Lonstrupiales* » *Lonstrupiaceae* » *Lonstrupium* » *Lonstrupium lacustre*^{Ts}

References

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

Registry URL

<https://seqco.de/i:54284>

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)