

Species *Lybyana borealis*^{Ts}

Etymology

[bo.re.a'lis] **L. fem. adj.** *borealis*, Northern, referring to a species found in the north (northern Europe)

Nomenclatural type

[NCBI Assembly: GCA_963707365.1](#)^{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, *Lybyana borealis* is inferred to encode the rod shape-determining protein MreB, peptidoglycan biosynthesis genes and flagellar genes.

Classification

Bacteria » "Zixiibacteriota" » *Loejtimicrobiia* » *Guldagerisomatales* » *Guldagerisomataceae* » *Lybyana* » *Lybyana borealis*^{Ts}

References

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

Registry URL

<https://seqco.de/i:54474>

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)