

Genus *Lybyana*

Etymology

[ly.by.a'na] **Danish n.** *Lyby*, Danish parish; **N.L. fem. n.** *Lybyana*, Microbe named after the Danish parish of Lyby, near which the genome of the type species was recovered.

Nomenclatural type

Species *Lybyana borealis*^{Ts}

Description

Genus established on the basis of phylogenomic comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly known as genus GCA-020346225 in GTDB R226. The description of the genus is the same as for its type species *Lybyana borealis*.

Classification

Bacteria » "Zixiibacteriota" » *Loejtimicrobiia* » *Guldagerisomatales* » *Guldagerisomataceae* » *Lybyana*

References

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

Registry URL

<https://seqco.de/i:54484>

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)