

Genus *Lystrupiaba*

Etymology

[lys.tru.pi.a'ba] **Danish n.** *Lystrup*, Danish city; **N.L. fem. n.** *Lystrupiaba*, Microbe arbitrarily named after the Danish city of Lystrup, near which the genome of the type species was recovered.

Nomenclatural type

Species *Lystrupiaba arida*^{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 Palsa-851 in GTDB R226. The description of the genus is the same as for its type species *Lystrupiaba arida*.

Classification

Bacteria » *Dormibacterota* » *Dormibacteria* » *Aeolococcales* » *Aeolococcaceae* » *Lystrupiaba*

References

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

Registry URL

<https://seqco.de/i:53411>

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