

Genus *Lysgaardicola*

Etymology

[lys.ga.ar.di'co.la] **Danish n.** *Lysgaard*, Danish parish; **L. masc. suff.** *cola*, an inhabitant; **N.L. masc. n.** *Lysgaardicola*, Microbe named after the Danish parish of Lysgaard, near which the genome of the type species was recovered.

Nomenclatural type

Species *Lysgaardicola terreus*^{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-744 in GTDB R226. The description of the genus is the same as for its type species *Lysgaardicola terreus*.

Classification

Bacteria » *Actinomycetota* » *Thermoleophilia* » *Solirubrobacterales* » *Solirubrobacteraceae* » *Lysgaardicola*

References

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

Registry URL

<https://seqco.de/i:53009>

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