

Species *Lystrupivivens aridus*

Etymology

[a'ri.dus] **L. masc. adj.** *aridus*, Dry, referring to a species found in arid soil

Nomenclatural type

[NCBI Assembly: GCA_963815025.1](#) ^{Ts}

Description

Species established on the basis of ANI comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly "metagenome" in Silva 138.2. Based on metabolic reconstruction, *Lystrupivivens aridus* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

Classification

Bacteria » *Acidobacteriota* » *Terriglobia* » *Terriglobales* » *Acidobacteriaceae* » *Lystrupivivens* » *Lystrupivivens aridus*

References

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

Registry URL

<https://seqco.de/i:53147>

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