

Species *Borrella arida*

Etymology

[a'ri.da] **L. fem. adj.** *arida*, Dry, referring to a species found in arid soil

Nomenclatural type

[NCBI Assembly: GCA_963809045.1](#) ^{Ts}

Description

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

Classification

Bacteria » *Chloroflexota* » *Candidatus* Limnocyndria » *Candidatus* Limnocyndrales » *Klitmollerisomataceae* » *Borrella* » *Borrella arida*

References

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

Registry URL

<https://seqco.de/i:53937>

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