

Species *Alstediella terrestris*

Etymology

[ter.res'tris] **L. fem. adj.** *terrestris*, A species found in soil

Nomenclatural type

[NCBI Assembly: GCA_963749835.1](#) ^{Ts}

Description

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

Classification

Bacteria » *Acidobacteriota* » *Vicinamibacteria* » *Vicinamibacterales* » *Alstediellaceae* »
Alstediella » *Alstediella terrestris*

References

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

Registry URL

<https://seqco.de/i:53847>

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