Species *Alstediella terrestris*

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

Nomenclatural type
Genome sc|0004925 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