

Species *Smollerupiana terrestris*

Etymology

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

Nomenclatural type

[NCBI Assembly: GCA_963730915.1](#) ^{Ts}

Description

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

Classification

Bacteria » *Gemmatimonadota* » *Gemmatimonadetes* » *Gemmatimonadales* » *Siemiabaceae* » *Smollerupiana* » *Smollerupiana terrestris*

References

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

Registry URL

<https://seqco.de/i:54039>

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