

Species *Linaavivens glebicus*

Etymology

[gle.bi'cus] **L. fem. n.** *gleba*, clod or lump of earth; **L. masc. adj. suff.** *-icus*, suffix used with the sense of belonging to; **N.L. masc. adj.** *glebicus*, Pertinent to lumps of earth, referring to a species found in soil

Nomenclatural type

[NCBI Assembly: GCA_963721585.1](#) ^{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, *Linaavivens glebicus* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

Classification

Bacteria » *Actinomycetota* » *Acidimicrobiia* » *Acidimicrobiales* » *Vonsildianaceae* » *Linaavivens* » *Linaavivens glebicus*

References

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

Registry URL

<https://seqco.de/i:53678>

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](https://doi.org/10.1038/s41564-025-02062-z)