

Species *Rakkebybacterium europaeum*

Etymology

[eu.ro.pae'um] **L. neut. adj.** *europaeum*, European, referring to a species found in Europe

Nomenclatural type

[NCBI Assembly: GCA_963756465.1](#) ^{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, *Rakkebybacterium europaeum* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

Classification

Bacteria » *Actinomycetota* » *Thermoleophilia* » *Solirubrobacterales* » *Solirubrobacteraceae* » *Rakkebybacterium* » *Rakkebybacterium europaeum*

References

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

Registry URL

<https://seqco.de/i:53289>

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