Species *Binderupimen septentrionale*[Ts]

Etymology
[sep.ten.tri.o.na'le] **L. neut. adj.** *septentrionale*, A species found in the north (northern Europe)

Nomenclatural type
Genome sc|0004891 [Ts]

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

Classification
Bacteria » *Acidobacteriota* » *Vicinamibacteria* » *Vicinamibacterales* » *Binderupimenaceae* » *Binderupimen* » *Binderupimen septentrionale*[Ts]

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

Registry URL
https://seqco.de/i:53774

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