

## Species *Herslevibacter humicus*

---

### Etymology

[hu'mi.cus] **N.L. masc. adj.** *humicus*, Pertinent to soil, referring to a species found in soil

### Nomenclatural type

[NCBI Assembly: GCA\\_963791425.1](#) <sup>Ts</sup>

### Description

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

### Classification

*Bacteria* » *Actinomycetota* » *Rubrobacteria* » *Gaiellales* » *Gaiellaceae* » *Herslevibacter* » *Herslevibacter humicus*

### References

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

### Registry URL

<https://seqco.de/i:53223>

## 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