

## Species *Vandetiella humica*

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### Etymology

[hu'mi.ca] **N.L. fem. adj.** *humica*, Pertinent to soil, referring to a species found in soil

### Nomenclatural type

[NCBI Assembly: GCA\\_963823065.1](#) <sup>Ts</sup>

### Description

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

### Classification

*Bacteria* » *Bacteroidota* » *Bacteroidia* » *Bacteroidales* » *Vandetiellaceae* » *Vandetiella* » *Vandetiella humica*

### References

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

### Registry URL

<https://seqco.de/i:53772>

## 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)