

## Species *Binderupiella orica*

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### Etymology

[o.ri'ca] **L. fem. n.** *ora*, coastline; **L. fem. adj. suff.** *-ica*, suffix used with the sense of belonging to; **N.L. fem. adj.** *orica*, Pertinent to the coast, referring to a species found in the coast

### Nomenclatural type

[NCBI Assembly: GCA\\_963740065.1](#)<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 bacterium" in Silva 138.2. Based on metabolic reconstruction, *Binderupiella orica* is inferred to encode the rod shape-determining protein MreB and peptidoglycan biosynthesis genes.

### Classification

*Bacteria* » *Actinomycetota* » *Thermoleophilia* » *Solirubrobacterales* » *Maglebybacteriaceae* » *Binderupiella* » *Binderupiella orica*

### References

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

### Registry URL

<https://seqco.de/i:54028>

## 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)