

Species *Lumbyella orica*^{Ts}

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_963708135.1](#)^{Ts}

Description

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

Classification

Bacteria » *Gemmatimonadota* » *Longimicrobiia* » *Longimicrobiales* » *Munkeboaceae* » *Lumbyella* » *Lumbyella orica*^{Ts}

References

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

Registry URL

<https://seqco.de/i:53749>

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