

Phylum *Oederibacteriota*

Etymology

[Oe.de.ri.bac.te.ri.o'ta] **N.L. neut. n.** *Oederibacterium*, the type genus of the phylum; **L. neut. pl. suff. -ota**, ending to denote a phylum; **N.L. neut. pl. n.** *Oederibacteriota*, the *Oederibacterium* phylum

Nomenclatural type

Genus *Oederibacterium*

Description

The phylum is represented by a single genome and forms a monophyletic lineage based on the phylogeny of 120 concatenated bacterial protein markers, using GTDB R226 as a reference. The description of the phylum is the same as for its type genus *Oederibacterium*.

Classification

Bacteria » *Oederibacteriota*

References

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

Registry URL

<https://seqco.de/i:49856>

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)