

Order *Tantalellales*

Etymology

[Tan.ta.le.la'les] **N.L. fem. dim. n.** *Tantalella*, referring to the type genus *Tantalella*; *-ales*, ending to denote an order; **N.L. fem. pl. n.** *Tantalellales*, the *Tantalella* order

Nomenclatural type

Genus *Tantalella*

Description

This order belongs to the class *Gorgyraia*, in the phylum *Omnitrophota*. Where available, cells of organisms belonging to the order are small (<0.3 µm). Very large ORFs is present in some members of the order, but are not pervasive within the order. Environmental samples from which assemblies are derived range in pH from acidic to circumneutral. The nomenclatural type of the order is the genus *Tantalella*.

Classification

Bacteria » *Omnitrophota* » *Gorgyraeia* » *Tantalellales*

References

Effective publication: Seymour et al., 2023 [1]

Registry URL

<https://seqco.de/i:23747>

References

1. Seymour et al. (2023). Hyperactive nanobacteria with host-dependent traits pervade Omnitrophota. *Nature Microbiology*. [DOI:10.1038/s41564-022-01319-1](https://doi.org/10.1038/s41564-022-01319-1)