

Order *Sommerstedtiellales*

Etymology

[som.mer.ste.di.el.la'les] **N.L. fem.** *Sommerstedtiella*, the type genus of the order; **L. fem. pl. suff.** *-ales*, ending to denote an order; **N.L. fem. pl. n.** *Sommerstedtiellales*, the *Sommerstedtiella* order

Nomenclatural type

Genus *Sommerstedtiella*

Description

Order established on the basis of phylogenomic comparisons to GTDB R226. Formerly known as order 40CM-2-53-6 in GTDB R226. The description of the order is the same as for the family *Sommerstedtiellaceae*. The type genus is *Sommerstedtiella*.

Classification

Archaea » “Bathyarchaeota” » *Bathyarchaeia* » *Sommerstedtiellales*

References

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

Registry URL

<https://seqco.de/i:54276>

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)