

Class *Ajstrupimorphia*

Etymology

[aj.stru.pi.mor'phi.a] **N.L. fem.** *Ajstrupimorpha*, the type genus of the class; **L. neut. pl. suff.** -*ia*, ending to denote a class; **N.L. neut. pl. suff.** *Ajstrupimorphia*, the Ajstrupimorpha class

Nomenclatural type

Genus *Ajstrupimorpha*

Description

Class established on the basis of phylogenomic comparisons to GTDB R226. Formerly known as class JACQYL01 in GTDB R226. The description of the class is the same as for the order *Ajstrupimorphales*. The type genus is *Ajstrupimorpha*.

Classification

Bacteria » *Desulfobacterota* » *Ajstrupimorphia*

References

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

Registry URL

<https://seqco.de/i:54509>

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