

Order *Sedenicolales*

Etymology

[se.de.ni.co.la'les] **N.L. masc.** *Sedenicola*, the type genus of the order; **L. fem. pl. suff.** *-ales*, ending to denote an order; **N.L. fem. pl. n.** *Sedenicolales*, the Sedenicola order

Nomenclatural type

Genus *Sedenicola*

Description

Order established on the basis of phylogenomic comparisons to GTDB R226. Formerly known as order CG2-30-64-16 in GTDB R226. The description of the order is the same as for the family *Sedenicolaceae*. The type genus is *Sedenicola*.

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Sedenicolales*

References

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

Registry URL

<https://seqco.de/i:54178>

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