

Order *Xenobiales*

Etymology

[Xe.no.bi.a'les] N.L. neut. n. *Xenobium*, foreign life, referencing the artificial environment from which it was recovered; *-ales*, ending to denote an order; N.L. fem. pl. n. *Xenobiales*, the *Xenobium* order

Nomenclatural type

Genus *Xenobium*

Description

Order defined based on 16S rRNA phylogeny and phylogenomic analysis of 15 ribosomal proteins and the GTDB. Defined as an order-level lineage based on UBA4705 in Parks et al (2017).

Classification

Bacteria » *Eremiobacterota* » *Xenobiia* » *Xenobiales*

References

Effective publication: Ji et al., 2021 [1]

Registry URL

<https://seqco.de/i:31315>

References

1. Ji et al. (2021). *Candidatus* Eremiobacterota, a metabolically and phylogenetically diverse terrestrial phylum with acid-tolerant adaptations. *The ISME Journal*. DOI:10.1038/s41396-021-00944-8