

Class *Xenobiia*

Etymology

[Xe.no.bi'ia] N.L. neut. n. *Xenobium*, foreign life, referencing the artificial environment from which it was recovered; *-ia*, ending to denote a class; N.L. neut. pl. n. *Xenobiia*, the *Xenobium* class

Nomenclatural type

Genus *Xenobium*

Description

Class defined based on 16S rRNA phylogeny and phylogenomic analysis of 15 ribosomal proteins and the GTDB. Defined as a class-level lineage based on UBP9 in Parks et al (2017).

Classification

Bacteria » *Eremiobacterota* » *Xenobiia*

References

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

Registry URL

<https://seqco.de/i:31316>

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](https://doi.org/10.1038/s41396-021-00944-8)