
Class *Polarisedimenticola*

Etymology

N.L. masc. n. *Polarisedimenticola*, the type genus of the class; **L. neut. pl. suff. -ia**, ending to denote a class; **N.L. neut. pl. n.** *Polarisedimenticolia*, the Polarisedimenticola class

Nomenclatural type

Genus *Polarisedimenticola*

Description

Polarisedimenticola was previously known as GTDB class Mor1 or Acidobacteria subdivision 22. The type genus of this class is *Polarisedimenticola*, which was predicted to be a facultative or aerotolerant anaerobe that degrades proteins and respire oxygen, nitrate, sulfur/polysulfide or metal-oxides based on genome analysis.

Classification

Bacteria » *Acidobacteriota* » *Polarisedimenticola*

References

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

Registry URL

<https://seqco.de/i:23543>

References

1. Flieder et al. (2021). Novel taxa of Acidobacteriota implicated in seafloor sulfur cycling. *The ISME Journal*. [DOI:10.1038/s41396-021-00992-0](https://doi.org/10.1038/s41396-021-00992-0)