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## Order *Polarisedimenticolales*

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### Etymology

**N.L. masc. n.** *Polarisedimenticola*, the type genus of the order; **L. fem. pl. suff.** *-ales*, ending to denote an order; **N.L. fem. pl. n.** *Polarisedimenticolales*, the Polarisedimenticola order

### Nomenclatural type

Genus *Polarisedimenticola*

### Description

*Polarisedimenticolales* was previously known as GTDB order Mor1. The type genus of this order 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* » *Polarisedimenticolia* » *Polarisedimenticolales*

### References

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

### Registry URL

<https://seqco.de/i:23542>

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## 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)