

Order *Nitrospinales*

Etymology

[Ni.tro.spi.na'les] N.L. fem. n. *Nitrospina*, type genus of the order; *-ales*, suffix to denote an order; N.L. fem. pl. n. *Nitrospinales*, the order of the genus *Nitrospina*

Nomenclatural type

Genus *Nitrospina*

Description

[Göker, 2022](#): Based on '*Nitrospinales*' [Lücker et al., 2013](#). The description is identical to the one given for *Nitrospinaceae* Garrity et al. 2006 ([Kuever et al., 2005](#)).

Garrity et al. 2006 (In [Kuever et al., 2005](#)): The family Nitrospinaceae was circumscribed for this volume on the basis of phylogenetic analysis of 16S rRNA sequences; the family contains the genus *Nitrospina* (type genus). Description is the same as for the genus *Nitrospina*.

Classification

Bacteria » *Nitrospinota* » *Nitrospina* » *Nitrospinales*

References

Effective publication: [Göker, 2022](#) [1]

Original (not valid) publication: [Lücker et al., 2013](#) [2]

Registry URL

<https://seqco.de/i:36109>

References

1. Göker (2022). Filling the gaps: missing taxon names at the ranks of class, order and family. *International Journal of Systematic and Evolutionary Microbiology*. DOI:10.1099/ijsem.0.005638
2. Lücker et al. (2013). The Genome of *Nitrospina gracilis* Illuminates the Metabolism and Evolution of the Major Marine Nitrite Oxidizer. *Frontiers in Microbiology*. DOI:10.3389/fmicb.2013.00027