

Nitrosopolaris wilkesensis sp. nov. gen. nov.

Submitted by Pessi, Igor

Genus *Nitrosopolaris*

Etymology

[Ni.tro.so.po.la'ris] L. adj. *nitrosus*, nitrous; L. adj. *polaris*, of or pertaining to the poles; N.L. masc. n. *Nitrosopolaris*, nitrite-producing organism belonging to the poles

Nomenclatural type

Species *Nitrosopolaris wilkesensis*^{Ts}

Description

Genus of putative ammonia-oxidizing archaea in the family *Nitrososphaeraceae*, described based on metagenome-assembled genome from Arctic and Antarctic soils

Classification

Archaea » *Thaumarchaeota* » *Nitrososphaeria* » *Nitrososphaerales* » *Nitrososphaeraceae* » *Nitrosopolaris*

References

Proposed: Pessi et al., 2022

Registry URL

<https://seqco.de/i:23399>

Species *Nitrosopolaris wilkesensis*^{Ts}

Etymology

[wil.ke.sen'sis] N.L. masc. adj. *wilkesensis*, pertaining to Wilkes Land, Antarctica

Nomenclatural type

[NCBI Assembly: GCA_003176995.1](#)^{Ts}

Description

Species of putative ammonia-oxidizing archaea described based on a metagenome-assembled genome from Wilkes Land, Antarctica

Classification

Archaea » *Thaumarchaeota* » *Nitrososphaeria* » *Nitrososphaerales* » *Nitrososphaeraceae* » *Nitrosopolaris* » *Nitrosopolaris wilkesensis*^{Ts}

References

Proposed: Pessi et al., 2022

Registry URL

<https://seqco.de/i:23825>

References

1. Pessi et al. (2022). Candidatus *Nitrosopolaris*, a genus of putative ammonia-oxidizing archaea with a polar/alpine distribution. *FEMS Microbes*. [DOI:10.1093/femsmc/xtac019](https://doi.org/10.1093/femsmc/xtac019)

Register List Certificate of Validation

On behalf of the *Committee on the Systematics of Prokaryotes Described from Sequence Data* (SeqCode Committee), we hereby certify that the Register List seqco.de/r:kn7xqda3 submitted by **Pessi, Igor** and including 2 new names has been successfully validated.

Date of Priority: 2023-05-04 08:54 UTC

DOI: 10.57973/seqcode.r:kn7xqda3

