

# Nitrosopolaris wilkesensis sp. nov. gen. nov.

Submitted by Pessi, Igor

## Genus *Nitrosopolaris*

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### 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*<sup>Ts</sup>

### 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*<sup>Ts</sup>

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### Etymology

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

### Nomenclatural type

[NCBI Assembly: GCA\\_003176995.1](#)<sup>Ts</sup>

### 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*<sup>Ts</sup>

### 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](https://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

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