

# Nitrosoabyssus spongiisocia gen. nov. sp. nov.

Submitted by Thomas, Torsten

## Genus *Nitrosoabyssus*

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### Etymology

[Ni.tro.so.a.bys'sus] L. masc. adj. *nitrosus*, nitrous; L. fem. n. *abyssus*, a bottomless pit; N.L. fem. n. *Nitrosoabyssus*, A nitrifying organisms from the depths

### Nomenclatural type

Species *Nitrosoabyssus spongiisocia*<sup>Ts</sup>

### Description

A ammonium-oxidising archaeon from the deep ocean

### Classification

*Archaea* » *Thermoproteota* » *Nitrososphaeria* » *Nitrosopumilales* » *Nitrosopumilaceae* » *Nitrosoabyssus*

### References

Effective publication: Garritano et al., 2024 [1]

### Registry URL

<https://seqco.de/i:32568>

## Species *Nitrosoabyssus spongiisocia*<sup>Ts</sup>

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### Etymology

[spon.gi.i.so'ci.a] L. fem. n. *spongia*, sponge; L. masc. n. *socius*, companion; N.L. masc. n. *spongiisocia*, the companion of a sponge

### Nomenclatural type

[INSDC Nucleotide: CP136752.1](#)<sup>Ts</sup>

### Description

A ammonium-oxidising archaeon from the deep-sea that lives as a sponge symbiont

### Classification

*Archaea* » *Thermoproteota* » *Nitrososphaeria* » *Nitrosopumilales* » *Nitrosopumilaceae* » *Nitrosoabyssus* » *Nitrosoabyssus spongiisocia*<sup>Ts</sup>

### References

Effective publication: Garritano et al., 2024 [1]

### Registry URL

<https://seqco.de/i:32567>

## References

1. Garritano et al. (2024). Simple Porifera holobiont reveals complex interactions between the host, an archaeon, a bacterium, and a phage. *The ISME Journal*. [DOI:10.1093/ismejo/wrae197](https://doi.org/10.1093/ismejo/wrae197)

## 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:\\_7ahflo9](https://seqco.de/r:_7ahflo9) submitted by **Thomas, Torsten** and including 2 new names has been successfully validated.

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