

Nitrosospongia ianthellae

Submitted by Glasl, Bettina

Genus *Nitrosospongia*

Etymology

[Ni.tro.sos.pon'gi.a] **N.L. pref.** *nitroso-*, full of natron; here intended to mean nitrous; **L. fem. n.** *spongia*, sponge; **N.L. fem. n.** *Nitrosospongia*, ammonia-oxidizing archaeal sponge symbiont

Nomenclatural type

Species *Nitrosospongia ianthellae*^{Ts}

Classification

Archaea » Thermoproteota » Nitrososphaeria » Nitrosopumilales » Nitrosopumilaceae »
Nitrosospongia

References

Effective publication: Moeller et al., 2019 [1]

Registry URL

<https://seqco.de/i:54851>

Species *Nitrosospongia ianthellae*^{Ts}

Etymology

[i.an.thel'lae] **N.L. gen. n.** *ianthellae*, of *lanthella*, referring to the discovery and description of this organism a symbiont of the marine sponge *lanthella basta*

Nomenclatural type

NCBI Assembly: [GCA_900620265.3](https://ncbi.nlm.nih.gov/assembly/GCA_900620265.3)^{Ts}

Description

ammonia-oxidizing archaeal symbiont of the tropical marine sponge *lanthella basta*

Classification

Archaea » Thermoproteota » Nitrososphaeria » Nitrosopumilales » Nitrosopumilaceae »
Nitrosospongia » *Nitrosospongia ianthellae*^{Ts}

References

Effective publication: Moeller et al., 2019 [1]

Assigned taxonomically: Moeller et al., 2019 [1]

Registry URL

<https://seqco.de/i:54850>

References

1. Moeller et al. (2019). Characterization of a thaumarchaeal symbiont that drives incomplete nitrification in the tropical sponge *lanthella basta*. *Environmental Microbiology*.
[DOI:10.1111/1462-2920.14732](https://doi.org/10.1111/1462-2920.14732)

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:mj4fpl05** submitted by **Glasl, Bettina** and including 2 new names has been successfully validated.

Date of Priority: 2026-01-30 09:21 UTC
DOI: 10.57973/seqcode.r:mj4fpl05

