

# Zeuxobacter abyssi gen. nov. sp. nov.

Submitted by Thomas, Torsten

## Genus *Zeuxoniibacter*

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### Etymology

[*Zeuxoniibacter*] N.L. fem. n. *Zeuxo*, a water nymph in the Greek mythology and daughter of Tethys; N.L. masc. n. *bacter*, a short bacterium; N.L. masc. n. *Zeuxoniibacter*, a bacterium named after the water nymph Zeuxo

### Nomenclatural type

Species *Zeuxoniibacter abyssi*<sup>Ts</sup>

### Description

A genus with the type species *Zeuxoniibacter abyssi*

### Classification

*Bacteria* » *Pseudomonadota* » *Gammaproteobacteria* » *Tethybacterales* » *Perseibacteraceae* » *Zeuxoniibacter*

### References

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

### Registry URL

<https://seqco.de/i:32575>

## Species *Zeuxoniibacter abyssi*<sup>Ts</sup>

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### Etymology

[*abyssi*] N.L. gen. n. *abyssi*, from the abyss, deep or bottomless pit; N.L. gen. n. *abyssi*, from the deep

### Nomenclatural type

[NCBI Assembly: GCA\\_033470255.1](#)<sup>Ts</sup>

### Description

A marine bacterium found in the deep ocean and in association with sponges

### Classification

*Bacteria* » *Pseudomonadota* » *Gammaproteobacteria* » *Tethybacterales* » *Perseibacteraceae* » *Zeuxoniibacter* » *Zeuxoniibacter abyssi*<sup>Ts</sup>

### References

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

### Registry URL

<https://seqco.de/i:32574>

## 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

## 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:yoqvb3qa](https://seqco.de/r:yoqvb3qa) submitted by **Thomas, Torsten** and including 2 new names has been successfully validated.

**Date of Priority:** 2024-10-11 04:58 UTC

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