

# Taurinisymbium ianthellae sp. nov.

Submitted by Glasl, Bettina

## Genus *Taurinisymbium*

### Etymology

[Tau.ri.ni.sym'bi.um] **N.L. fem. n.** *taurina*, taurine; **Gr. pref.** *sym-*, together; **Gr. masc. n.** *bios*, life; **N.L. neut. n.** *Taurinisymbium*, a taurine-degrading living partner

### Nomenclatural type

Species *Taurinisymbium ianthellae*<sup>Ts</sup>

### Classification

*Bacteria* » *Pseudomonadota* » *Gammaproteobacteria* » *Arenicellales* » *Poriferihabitantaceae* » *Taurinisymbium*

### References

Effective publication: Moeller et al., 2023 [1]

### Registry URL

<https://seqco.de/i:54853>

## Species *Taurinisymbium ianthellae*<sup>Ts</sup>

### 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\\_028066695.1](#)<sup>Ts</sup>

### Description

gammaproteobacterial symbiont of the tropical marine sponge *lanthella basta*

### Classification

*Bacteria* » *Pseudomonadota* » *Gammaproteobacteria* » *Arenicellales* » *Poriferihabitantaceae* » *Taurinisymbium* » *Taurinisymbium ianthellae*<sup>Ts</sup>

### References

Effective publication: Moeller et al., 2023 [1]

Assigned taxonomically: Moeller et al., 2023 [1]

### Registry URL

<https://seqco.de/i:54852>

## References

1. Moeller et al. (2023). Taurine as a key intermediate for host-symbiont interaction in the tropical sponge *lanthella basta*. *The ISME Journal*. [DOI:10.1038/s41396-023-01420-1](https://doi.org/10.1038/s41396-023-01420-1)

## 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:t0q-ttoe** submitted by **Glasl, Bettina** and including 2 new names has been successfully validated.

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