

# Register list for *Persebacter sydneyensis* gen. nov. sp. nov. and *Persebacteraceae* fam. nov.

Submitted by Dzunkova, Maria

## Family *Persebacteraceae*

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### Etymology

[Per.se.i.bac.te.ra'ce.ae] N.L. **masc. adj.** *Persebacter*, referring to the type genus *Persebacter*; *-aceae*, ending to denote a family; N.L. **fem. pl. n.** *Persebacteraceae*, the *Persebacter* family

### Nomenclatural type

Genus *Persebacter*

### Classification

*Bacteria* » *Pseudomonadota* » *Gammaproteobacteria* » *Tethybacterales* » *Persebacteraceae*

### References

Effective publication: Taylor et al., 2021 [1]

### Registry URL

<https://seqco.de/i:31270>

## Genus *Persebacter*

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### Etymology

[Per.se.i.bac'ter] N.L. **fem. n.** *Perse*, an oceanid from Greek mythology; N.L. **masc. n.** *bacter*, a rod; N.L. **masc. adj.** *Persebacter*, detected in a marine sponge, named after Oceanid *Perse* from Greek mythology

### Nomenclatural type

Species *Persebacter sydneyensis*<sup>Ts</sup>

### Description

MAG identified in a metagenome from a marine sponge, named after an Oceanid *Perse* (in Greek mythology)

### Classification

*Bacteria* » *Pseudomonadota* » *Gammaproteobacteria* » *Tethybacterales* » *Persebacteraceae* » *Persebacter*

### References

Effective publication: Taylor et al., 2021 [1]

### Registry URL

<https://seqco.de/i:32271>

## Species *Persebacter sydneyensis*<sup>Ts</sup>

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### Etymology

[syd.ne.y.en'sis] N.L. **masc. adj.** *sydneyensis*, detected in a marine sponge collected in Sydney, NSW, Australia

### Nomenclatural type

[NCBI Assembly: GCA\\_033865115.1](#)<sup>Ts</sup>

### Description

MAG detected in a metagenome from a marine sponge collected near Sydney, NSW, Australia. The genus is named after the Oceanid *Perse* (Greek mythology) and species is named after the collection location.

**Classification**

*Bacteria* » *Pseudomonadota* » *Gammaproteobacteria* » *Tethybacterales* » *Perseibacteraceae* » *Perseibacter* » *Perseibacter sydneyensis*<sup>T5</sup>

**References**

Effective publication: Taylor et al., 2021 [1]

**Registry URL**

<https://seqco.de/i:32272>

**References**

1. Taylor et al. (2021). Phylogeny resolved, metabolism revealed: functional radiation within a widespread and divergent clade of sponge symbionts. *The ISME Journal*. DOI:10.1038/s41396-020-00791-z

## 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:\\_4umfp8a](https://seqco.de/r:_4umfp8a) submitted by **Dzunkova, Maria** and including 3 new names has been successfully validated.

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