

Register list for 6 new names including *Spongiicolonus versatilis* sp. nov.

Submitted by Thomas, Torsten

Family *Spongiicolonaceae*

Etymology

[S.pon.gi.i.co.lo.na'ce.ae] N.L. **masc. n.** *Spongiicolonus*, referring to the type genus *Spongiicolonus*; *-aceae*, ending to denote a family; N.L. **fem. pl. n.** *Spongiicolonaceae*, the *Spongiicolonus* family

Nomenclatural type

Genus *Spongiicolonus*

Description

The family of the genus *Spongiicolonus*

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Arenicellales* » *Spongiicolonaceae*

References

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

Registry URL

<https://seqco.de/i:32580>

Family *Poriferihabitantaceae*

Etymology

[Po.ri.fe.ri.ha.bi.tan.ta'ce.ae] N.L. **fem. n.** *Poriferihabitans*, referring to the type genus *Poriferihabitans*; *-aceae*, ending to denote a family; N.L. **fem. pl. n.** *Poriferihabitantaceae*, the *Poriferihabitans* family

Nomenclatural type

Genus *Poriferihabitans*

Description

The family of the genus *Poriferihabitans*

Classification

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

References

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

Registry URL

<https://seqco.de/i:32594>

Genus *Spongiicolonus*

Etymology

[Spon.gi.i.co.lo'nus] L. **fem. n.** *spongia*, sponge; L. **masc. n.** *colonus*, colonist; N.L. **masc. n.** *Spongiicolonus*, A colonist of a sponge

Nomenclatural type

Species *Spongiicolonus versatilis*⁵

Description

A bacterium colonising sponges

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Arenicellales* » *Spongiicolonaceae* » *Spongiicolonus*

References

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

Registry URL

<https://seqco.de/i:32579>

Genus *Poriferihabitans*

Etymology

[Po.ri.fe.ri.ha.bi'tans] N.L. neut. pl. n., Porifera the phylum of sponge; L. pres. part., habitans meaning a dweller; N.L. fem. n. *Poriferihabitans*, a sponge dweller

Nomenclatural type

Species *Poriferihabitans thioversatilis*^{Ts}

Description

A bacterium inhabiting a sponge

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Arenicellales* » *Poriferihabitantaceae* » *Poriferihabitans*

References

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

Registry URL

<https://seqco.de/i:32593>

Species *Spongiicolonus versatilis*^{Ts}

Etymology

[ver.sa.ti'lis] L. masc. adj. *versatilis*, versatile

Nomenclatural type

[NCBI Assembly: GCA_028286165.1](#)^{Ts}

Description

A sponge symbiont with a versatile metabolism

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Arenicellales* » *Spongiicolonaceae* » *Spongiicolonus* » *Spongiicolonus versatilis*^{Ts}

References

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

Registry URL

<https://seqco.de/i:32578>

Species *Poriferihabitans thioversatilis*^{Ts}

Etymology

[thi.o.ver.sa.ti'lis] Gr. neut. n. *theíon*, sulphur; L. fem. adj. *versatilis*, versatile; N.L. fem. adj. *thioversatilis*, versatile sulfur metabolism

Nomenclatural type

[NCBI Assembly: GCA_028285795.1](#)^{Ts}

Description

A sponge symbiont with a versatile sulfur metabolism

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Arenicellales* » *Poriferihabitantaceae* » *Poriferihabitans* » *Poriferihabitans thioversatilis*^{Ts}

References

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

Registry URL

<https://seqco.de/i:32592>

References

1. Nguyen et al. (2023). Functional characterization and taxonomic classification of novel gammaproteobacterial diversity in sponges. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2023.126401](https://doi.org/10.1016/j.syapm.2023.126401)

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:44vcemye submitted by Thomas, Torsten and including 6 new names has been successfully validated.

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