

Register list for 4 new names including Porifericomnes gen. nov.

Submitted by Thomas, Torsten

Order *Foliamicales*

Etymology

[Fo.li.a.mi.ca'les] N.L. masc. n. *Foliamicus*, referring to the type genus *Foliamicus*; *-ales*, ending to denote an order; N.L. fem. pl. n. *Foliamicales*, the *Foliamicus* order

Nomenclatural type

Genus *Foliamicus*

Description

The order of the type genus *Foliamicus*.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Foliamicales*

References

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

Registry URL

<https://seqco.de/i:44939>

Order *Porifericomitales*

Etymology

[Po.ri.fe.ri.co.mi.ta'les] N.L. masc. n. *Porifericomnes*, referring to the type genus *Porifericomnes*; *-ales*, ending to denote an order; N.L. fem. pl. n. *Porifericomitales*, the *Porifericomnes* order

Nomenclatural type

Genus *Porifericomnes*

Description

The order of the genus *Porifericomnes*

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Porifericomitales*

References

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

Registry URL

<https://seqco.de/i:44956>

Family *Foliamicaceae*

Etymology

[Fo.li.a.mi.ca'ce.ae] N.L. masc. n. *Foliamicus*, referring to the type genus *Foliamicus*; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Foliamicaceae*, the *Foliamicus* family

Nomenclatural type

Genus *Foliamicus*

Description

The family of the type genus *Foliamicus*.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Foliamicales* » *Foliamicaceae*

References

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

Registry URL

<https://seqco.de/i:44940>

Family *Porifericomitaceae*

Etymology

[Po.ri.fe.ri.co.mi.ta'ce.ae] N.L. masc. n. *Porifericomites*, referring to the type genus *Porifericomites*; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Porifericomitaceae*, the *Porifericomites* family

Nomenclatural type

Genus *Porifericomites*

Description

The family of the genus *Porifericomites*.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Porifericomitales* » *Porifericomitaceae*

References

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

Registry URL

<https://seqco.de/i:44957>

Genus *Foliamicus*

Etymology

[*Foliamicus*] L. neut. n. *folium*, leaf; L. masc. adj. *amicus*, kind; N.L. masc. n. *Foliamicus*, loving a leafy structure

Nomenclatural type

Species *Foliamicus numerosus*^{Ts}

Description

A gammaproteobacterial symbiont of a sponge

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Foliamicales* » *Foliamicaceae* » *Foliamicus*

References

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

Registry URL

<https://seqco.de/i:44941>

Genus *Porifericomites*

Etymology

[*Porifericomites*] N.L. neut. pl. n. *Porifera*, the phylum of sponges; L. masc. n. *comes*, companion; N.L. masc. n. *Porifericomites*, a companion of a sponge

Nomenclatural type

Species *Porifericomes azotivorans*^{Ts}

Description

A gammaproteobacterial symbiont of a sponge

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Porifericomitales* » *Porifericomitaceae* » *Porifericomes*

References

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

Registry URL

<https://seqco.de/i:44958>

Species *Foliamicus numerosus*^{Ts}

Etymology

[numerosus] L. masc. adj. *numerosus*, numerous

Nomenclatural type

[INSDC Nucleotide: JAPYNE000000000](#)^{Ts}

Description

A gammaproteobacterial symbiont of sponges

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Foliamicales* » *Foliamicaceae* » *Foliamicus* » *Foliamicus numerosus*^{Ts}

References

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

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

Registry URL

<https://seqco.de/i:44973>

Species *Porifericomes azotivorans*^{Ts}

Etymology

[azotivorans] N.L. neut. n. *azotum*, nitrogen; L. pres. part. *vorans*, devouring; N.L. masc. part. adj. *azotivorans*, devour nitrogen

Nomenclatural type

[NCBI Assembly: GCA_028817255.1](#)^{Ts}

Description

A gammaproteobacterial symbiont of a sponges. The type genome was originally recovered in [Robbins et al. \(2021\)](#).

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Porifericomitales* » *Porifericomitaceae* » *Porifericomes* » *Porifericomes azotivorans*^{Ts}

References

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

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

Registry URL

<https://seqco.de/i:44959>

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:icd0lna9 submitted by Thomas, Torsten and including 8 new names has been successfully validated.

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