Grelliella numerosa gen. nov. sp. nov.

Submitted by Nguyen, Huong

Genus *Grelliella*

Etymology

[Grel.li.el'la] **N.L. fem. dim. n.** *Grelliella*, named after Karl G. Grell who rediscovered the placozoans

Nomenclatural type

Species *Grelliella numerosa*[Ts]

Description

Boscaro *et al.*, 2019: *Ca.* Bandiella numerosa proposed; 16S rRNA gene sequence provided (accession LR585349.1).
Gruber-Vodicka *et al.*, 2019: *Ca.* Grellia incantans proposed; raw reads provided. Note: assembled genome is not available in Genbank/EMBL/DDBJ (as of October 2026) and thus is ineligible to serve as a type genome under the SeqCode.
Oren & Garrity, 2021: *Ca.* Grellia incantans renamed ***Ca.* Grelliella incantans**
Giannotti *et al.*, 2022: Proposal to reclassify ***Ca.* Bandiella numerosa** as ***Ca.* Grellia numerosa** (sic); whole genome sequence provided (accession JAJBJD000000000).
George et al., 2023: Additional genome sequence for ***Ca.* Grellia numerosa** (sic) (accession CP104164.1)

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Rickettsiales* » “Midichloriaceae” » *Grelliella*

References

Effective publication: Giannotti et al., 2022 [1]
Original (not valid) publication: Gruber-Vodicka et al., 2019 [2]
Corrigendum: Oren, Garrity, 2021 [3] (from “Grellia”)

Registry URL

https://seqco.de/i:34326

Species *Grelliella numerosa*[Ts]

Etymology
[nu.me.ro'sa] **L. fem. adj.** *numerosa*, numerous

Nomenclatural type
Genome sc|0006302 [Ts]

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Oren & Garrity, 2021: *Ca.* Grellia renamed ***Ca.* Grelliella**
Giannotti *et al.*, 2022: Proposal to reclassify ***Ca*. Bandiella numerosa** as ***Ca.* Grellia numerosa** (sic); whole genome sequence provided (accession JAJBJD000000000).
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Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Rickettsiales* » "Midichloriaceae" » *Grelliella* » *Grelliella numerosa*[Ts]

References
Effective publication: Giannotti et al., 2022 [1]
Original (not valid) publication: Boscaro et al., 2019 [4]
Corrigendum: Oren, Garrity, 2021 [3] (from "Grellia numerosa")
Assigned taxonomically: Giannotti et al., 2022 [1]

Registry URL
https://seqco.de/i:56533

References

1. Giannotti et al. (2022). The "Other" *Rickettsiales* : an Overview of the Family " *Candidatus* Midichloriaceae". *Applied and Environmental Microbiology*. DOI: 10.1128/aem.02432-21
2. Gruber-Vodicka et al. (2019). Two intracellular and cell type-specific bacterial symbionts in the placozoan Trichoplax H2. *Nature Microbiology*. DOI: 10.1038/s41564-019-0475-9
3. Oren, Garrity (2021). Candidatus List No. 2. Lists of names of prokaryotic Candidatus taxa. *International Journal of Systematic and Evolutionary Microbiology*. DOI: 10.1099/ijsem.0.004671
4. Boscaro et al. (2019). Symbionts of the ciliate *Euplotes* : diversity, patterns and potential as models for bacteria–eukaryote endosymbioses. *Proceedings of the Royal Society B: Biological Sciences*. DOI: 10.1098/rspb.2019.0693

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:n-pu7le5** submitted by **Nguyen, Huong** and including 2 new names has been successfully validated.

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