

Raskinella chloraquaticus gen. nov. sp. nov.

Submitted by Sudarshan, Ashwin

Genus *Raskinella*

Etymology

[Ras.ki.ne'lla] N.L. fem. n. *Raskin*, Derived from Dr. Lutgarde Raskin; N.L. fem. dim. n. *Raskinella*, Named after Dr. Lutgarde Raskin

Nomenclatural type

Species *Raskinella chloraquaticus*^{Ts}

Description

Raskinella is a novel genus under the family Phreatobacteraceae and order Rhizobiales. Organisms within this genus were identified in disinfected drinking water distribution systems.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Hyphomicrobiales* » *Phreatobacteraceae* » *Raskinella*

References

Effective publication: Sudarshan et al., 2024 [1]

Registry URL

<https://seqco.de/i:46679>

Species *Raskinella chloraquaticus*^{Ts}

Etymology

[chlor.a.qua'ti.cus] N.L. neut. n. *chlorum*, chlorine; L. masc. adj. *aquaticus*, of or from water; N.L. masc. n. *chloraquaticus*, relating to chlorinated water

Nomenclatural type

[NCBI Assembly: GCA_002365175.1](#)^{Ts}

Description

Raskinella Chlorumaquaticus is a globally prevalent and abundant species that has been identified within disinfected drinking water systems. It is part of an unclassified genus "Raskinella" under the family Phreatobacteraceae.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Hyphomicrobiales* » *Phreatobacteraceae* » *Raskinella* » *Raskinella chloraquaticus*^{Ts}

References

Effective publication: Sudarshan et al., 2024 [1]

Registry URL

<https://seqco.de/i:46680>

References

1. Sudarshan et al. (2024). New Drinking Water Genome Catalog Identifies a Globally Distributed Bacterial Genus Adapted to Disinfected Drinking Water Systems. *Environmental Science & Technology*.
[DOI:10.1021/acs.est.4c05086](https://doi.org/10.1021/acs.est.4c05086)

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:sd2bsaye` submitted by **Sudarshan, Ashwin** and including 2 new names has been successfully validated.

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