

Species *Pseudoplanktomarina karensis*^{Ts}

Etymology

[kar.en'sis] N.L. fem. adj. *karensis*, pertaining to the Kara Sea, corresponding to the origin from where the genome was recovered (Kara Sea)

Nomenclatural type

[NCBI Assembly: GCA_951541495.1](#)^{Ts}

Description

The type material, GCA_951541495.1 (MAG B2-20), is a metagenome-assembled genome from a sample taken at the epipelagic zone in the Kara Sea, Arctic Ocean (Biosample accession: SAMEA4397239). The assembly genome is of high quality with 95.6 % completeness with 0.02 % contamination and the genome contains 16 tRNA genes. The genome size is 2.28 (raw: 2.18) with a GC content of 0.44. *Pseudoplanktomarina karensis* is the type species of the new genus *Pseudoplanktomarina*.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Rhodobacterales* » *Paracoccaceae* » *Pseudoplanktomarina* » *Pseudoplanktomarina karensis*^{Ts}

References

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

Registry URL

<https://seqco.de/i:24063>

References

1. Liu et al. (2023). Metagenome-assembled genomes reveal greatly expanded taxonomic and functional diversification of the abundant marine Roseobacter RCA cluster. *Microbiome*. [DOI:10.1186/s40168-023-01644-5](https://doi.org/10.1186/s40168-023-01644-5)