

Species *Planktomarina arctica*

Etymology

[arc'ti.ca] L. fem. adj. *arctica*, northern, from the Arctic, corresponding to the origin from where the genome was recovered (Arctic ocean)

Nomenclatural type

[NCBI Assembly: GCA_951542345.1](#)^{TS}

Description

The type material, GCA_951542345.1 (MAG C4-4), is a metagenome-assembled genome from a sample taken at the epipelagic zone in the Arctic Ocean in 2013 (Biosample accession: SAMEA4397426). The completeness and contamination of the assembly are 93.42% and 0.41%, respectively. Genome assembly contains 14 tRNA genes. The genome size is 2.64 (raw: 2.47 Mbp) with a GC content of 0.48.

Classification

Bacteria » *Pseudomonadota* » *Alphaproteobacteria* » *Rhodobacterales* » *Paracoccaceae* » *Planktomarina* » *Planktomarina arctica*

References

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

Registry URL

<https://seqco.de/i:24058>

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