

Species *Planktomarina antarctica*

Etymology

[ant.arc'ti.ca] L. fem. adj. *antarctica*, of the Antarctic, corresponding to the origin from where the genome was recovered (Antarctic ocean)

Nomenclatural type

[NCBI Assembly: GCA_029962705.1](#)^{TS}

Description

The type material, GCA_029962705.1 (MAG C5-3), is a metagenome-assembled genome from a sample taken at the epipelagic zone in the Southern Ocean in 2012 (Biosample accession: SAMEA5958381). The assembly genome is of high quality with 94.16% completeness and 1.77 % contamination and contains 16 tRNA genes. The genome size is 2.80 Mbp (raw: 2.68 Mbp) with a GC content of 0.48.

Classification

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

References

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

Registry URL

<https://seqco.de/i:24060>

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