

Species *Cryolimnoglobus antarcticus*^{Ts}

Etymology

[an.tarc'ti.cus] **L. masc. adj.** *antarcticus*, southern, pertaining to Antarctica

Nomenclatural type

[NCBI Assembly: GCA_965609865.1](#)^{Ts}

Description

The type material is the metagenome assembled genome BH-11_PLA2 recovered from soil from Bunger Hills, East Antarctica. The MAG consists of 6.6 Mbp in 220 contigs with an estimated completeness of 99.77% and 1.09% contamination, 16S (1504 bp), 23S (2758 bp), and 5S (109 bp) genes, and 57 tRNAs (22 unique: 20 standard plus tRNA-fMet and tRNA-SeC). The GC content of this MAG is 60.2%.

Classification

Bacteria » *Planctomycetota* » *Planctomycetia* » *Gemmatales* » *Gemmataceae* »
Cryolimnoglobus » *Cryolimnoglobus antarcticus*^{Ts}

References

Effective publication: Tan et al., 2026 [1]

Registry URL

<https://seqco.de/i:51215>

References

1. Tan et al. (2026). Persistent petroleum pollution shifts soil microbial responses in Bunger Hills, East Antarctica. *Communications Earth & Environment*. [DOI:10.1038/s43247-026-03299-0](https://doi.org/10.1038/s43247-026-03299-0)