

Species *Frigidisphaera bungerii*^{Ts}

Etymology

[bun.ge.ri'i] **N.L. gen. n.** *bungerii*, of Bunger, referring to Lieutenant Commander David E. Bunger, commander of the plane that first landed in Bunger Hills in February 1947

Nomenclatural type

[NCBI Assembly: GCA_965611835.1](#)^{Ts}

Description

The type material is the metagenome assembled genome BH-11_PLA1 recovered from soil from Bunger Hills, East Antarctica. The MAG consists of 3.2 Mbp in 39 contigs with an estimated completeness of 90.62% and 0.36% contamination, 16S (1484 bp), 23S (2744 bp), and 5S (107 bp) genes, and 47 tRNAs (21 unique: 20 standard plus tRNA-fMet). The GC content of this MAG is 67.5%.

Classification

Bacteria » *Planctomycetota* » *Phycisphaerae* » *Phycisphaerales* » *Frigidisphaeraceae* » *Frigidisphaera* » *Frigidisphaera bungerii*^{Ts}

References

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

Registry URL

<https://seqco.de/i:51213>

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)