

Species *Cryoterrimicrobium chapmaniae*^{Ts}

Etymology

[chap.man'i.ae] **N.L. gen. n.** *chapmaniae*, in honour to limnologist Ann Chapman, first woman to lead an Antarctic expedition

Nomenclatural type

[NCBI Assembly: GCA_965610505.1](#)^{Ts}

Description

The type material is the metagenome assembled genome BH-09_VER1 recovered from soil from Bunger Hills, East Antarctica. The MAG consists of 6.1 Mbp in 69 contigs with an estimated completeness of 96.82% and 1.47% contamination, 16S (1526 bp), 23S (1995 bp), and 5S (116 bp) genes, and 58 tRNAs (21 unique: 20 standard plus tRNA-fMet). The GC content of this MAG is 58.7%.

Classification

Bacteria » *Verrucomicrobiota* » *Terrimicrobiia* » *Terrimicrobiales* » *Terrimicrobiaceae* » *Cryoterrimicrobium* » *Cryoterrimicrobium chapmaniae*^{Ts}

References

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

Registry URL

<https://seqco.de/i:51224>

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)