

Species *Cryoornithinimicrobium 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_965610625.1](#)^{Ts}

Description

The type material is the metagenome assembled genome BH-23_ACT6 recovered from soil from Bunger Hills, East Antarctica. The MAG consists of 2.9 Mbp in 154 contigs with an estimated completeness of 90.24% and 0.47% contamination, 16S (1522 bp), 23S (3115 bp), and 5S (117 bp) genes, and 43 tRNAs (20 unique: 19 standard plus tRNA-fMet). The GC content of this MAG is 65.8%. Predicted to aerobically oxidise CO.

Classification

Bacteria » *Actinomycetota* » *Actinomycetes* » *Micrococcales* » *Dermatophilaceae* » *Cryoornithinimicrobium* » *Cryoornithinimicrobium bungerii*^{Ts}

References

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

Registry URL

<https://seqco.de/i:51177>

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)