

Species *Fimbriimonas antarctica*

Etymology

[an.tarc'ti.ca] **L. fem. adj.** *antarctica*, southern, pertaining to Antarctica

Nomenclatural type

[NCBI Assembly: GCA_965610675.1](#)^{Ts}

Description

The type material is the metagenome assembled genome BH-11_ARM2 recovered from soil from Bunger Hills, East Antarctica. The MAG consists of 4.0 Mbp in 138 contigs with an estimated completeness of 98.05% and 0.03% contamination, 16S (1507 bp), partial 23S (1480 bp), and 5S (117 bp) genes, and 47 tRNAs (22 unique: 20 standard plus tRNA-fMet and tRNA-SeC). The GC content of this MAG is 62.1%.

Classification

Bacteria » *Armatimonadota* » *Fimbriimonadia* » *Fimbriimonadales* » *Fimbriimonadaceae* » *Fimbriimonas* » *Fimbriimonas antarctica*

References

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

Registry URL

<https://seqco.de/i:51191>

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)