

Species *Aquihabitans niveus*

Etymology

[ni've.us] **L. masc. adj.** *niveus*, snowy, snow-covered

Nomenclatural type

[NCBI Assembly: GCA_965610895.1](#)^{Ts}

Description

The type material is the metagenome assembled genome BH-10_ACT1 recovered from soil from Bunger Hills, East Antarctica. The MAG consists of 4.7 Mbp in 189 contigs with an estimated completeness of 97.03% and 1.79% contamination, 16S (1525 bp), partial 23S (457 bp), and 5S (117 bp) genes, and 46 tRNAs (21 unique: 20 standard plus tRNA-fMet). The GC content of this MAG is 71.6%.

Classification

Bacteria » *Actinomycetota* » *Acidimicrobiia* » *Acidimicrobiales* » *Iamiaceae* » *Aquihabitans* » *Aquihabitans niveus*

References

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

Registry URL

<https://seqco.de/i:51173>

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)