

## Species *Nocardioides polaris*

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### Etymology

[po.la'ris] **L. fem. adj.** *polaris*, of, or pertaining to, a pole

### Nomenclatural type

[NCBI Assembly: GCA\\_965609905.1](#)<sup>Ts</sup>

### Description

The type material is the metagenome assembled genome BH-09\_ACT11 recovered from soil from Bunger Hills, East Antarctica. The MAG consists of 2.5 Mbp in 55 contigs with an estimated completeness of 94.69% and 0% contamination, 16S (1525 bp) and 5S (117 bp) genes, and 42 tRNAs (19 unique standard). The GC content of this MAG is 67%. Predicted to aerobically oxidise CO.

### Classification

*Bacteria* » *Actinomycetota* » *Actinomycetes* » *Propionibacteriales* » *Nocardioidaceae* » *Nocardioides* » *Nocardioides polaris*

### References

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

### Registry URL

<https://seqco.de/i:51178>

## 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)