

## Genus *Frigidisolicola*

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### Etymology

[Fri.gi.di.so.li'co.la] **L. neut. adj.** *frigidus*, cold, frigid; **L. neut. n.** *solum*, soil; **L. masc. / fem. suff.** *-cola*, inhabitant of, dweller; **N.L. fem. n.** *Frigidisolicola*, dweller of cold soils

### Nomenclatural type

Species *Frigidisolicola castellviae*<sup>Ts</sup>

### Description

New genus defined based on the lack of proximal relatives within the family (Burkholderiaceae).

### Classification

*Bacteria* » *Pseudomonadota* » *Betaproteobacteria* » *Burkholderiales* » *Burkholderiaceae* » *Frigidisolicola*

### References

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

### Registry URL

<https://seqco.de/i:51217>

## 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)