

Genus *Cryolimnoglobus*

Etymology

[Cry.o.lim.no.glo'bus] **Gr. neut. n.** *kryos*, icy cold; **N.L. masc. n.** *Limnoglobus*, a bacterial genus; **N.L. masc. n.** *Cryolimnoglobus*, a Limnoglobus bacterium from the cold

Nomenclatural type

Species *Cryolimnoglobus antarcticus*^{T5}

Description

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

Classification

Bacteria » *Planctomycetota* » *Planctomycetia* » *Gemmatales* » *Gemmataceae* »
Cryolimnoglobus

References

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

Registry URL

<https://seqco.de/i:51214>

References

1. Tan et al. (2026). Persistent petroleum pollution shifts soil microbial responses in Bunge Hills, East Antarctica. *Communications Earth & Environment* [DOI:10.1038/s43247-026-03299-0](https://doi.org/10.1038/s43247-026-03299-0)