

Genus *Gudhjemibacterium*

Etymology

[gud.hje.mi.bac.te'ri.um] **Danish n.** *Gudhjem*, Danish city; **N.L. neut. n.** *bacterium*, a bacterium; **N.L. neut. n.** *Gudhjemibacterium*, Microbe named after the Danish city of Gudhjem, near which the genome of the type species was recovered.

Nomenclatural type

Species *Gudhjemibacterium septentrionale*^{Ts}

Description

Genus established on the basis of phylogenomic comparisons to GTDB R226 and 16S rRNA classifications to Silva 138.2. Formerly known as genus JAMXLG01 in GTDB R226. The description of the genus is the same as for its type species *Gudhjemibacterium septentrionale*.

Classification

Bacteria » *Vulcanimicrobiota* » *Vulcanimicrobiia* » *Vulcanimicrobiales* » *Vulcanimicrobiaceae* » *Gudhjemibacterium*

References

Effective publication: Sereika et al., 2025 [1]

Registry URL

<https://seqco.de/i:53408>

References

1. Sereika et al. (2025). Genome-resolved long-read sequencing expands known microbial diversity across terrestrial habitats. *Nature Microbiology*. [DOI:10.1038/s41564-025-02062-z](https://doi.org/10.1038/s41564-025-02062-z)