

Genus *Kastediaba*

Etymology

[kas.te.di.a'ba] **Danish n.** *Kasted*, Danish parish; **N.L. fem. n.** *Kastediaba*, Microbe arbitrarily named after the Danish parish of Kasted, near which the genome of the type species was recovered.

Nomenclatural type

Species *Kastediaba glebica*^{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 AR5 in GTDB R226. The description of the genus is the same as for its type species *Kastediaba glebica*.

Classification

Bacteria » *Methylomirabilota* » *Methylomirabilia* » “Rokubacteriales” » *Kastediabaceae* » *Kastediaba*

References

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

Registry URL

<https://seqco.de/i:53804>

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