

Genus *Kaftiobacterium*

Etymology

[Kaf.ti.o.bac.te.ri.um] Gr. adj. *kafti*, hot; N.L. neut. n. *bacterium*, rod or staff and, in biology a bacterium; N.L. neut. n. *Kaftiobacterium*, a bacterium in hot environment

Nomenclatural type

Species *Kaftiobacterium secundum*^{T5}

Description

A genus established on the basis of AAI, ANI, dDDH and phylogenomic analyses, and is classified as a member of the *Kaftiobacteriaceae* family. The type species of the genus is *Kaftiobacterium primum*.

Classification

Bacteria » *Sysuimicrobiota* » *Sysuimicrobiia* » *Sysuimicrobiales* » *Kaftiobacteriaceae* » *Kaftiobacterium*

References

Effective publication: Liu et al., 2024 [1]

Registry URL

<https://seqco.de/i:32800>

References

1. Liu et al. (2024). Insights into chemoautotrophic traits of a prevalent bacterial phylum CSP1-3, herein *Sysuimicrobiota*. *National Science Review*. [DOI:10.1093/nsr/nwae378](https://doi.org/10.1093/nsr/nwae378)