

Genus *Candidatus Laterigemmans*

Etymology

[La.te.ri.gem'mans] L. n. *latus*, -eris, side; L. v. *gemmo*, to bud; N.L. part. n. *Laterigemmans*, budding on the side, referring to the unusual type of cell fission of this bacterium

Nomenclatural type

Unknown

Description

Commonly found in marine habitats. Colonies are pink coloured. Cells are rod shaped. Holdfast is present and flagella are absent. Cell divides by lateral budding. Fimbriae are not observed. Crateriform structures are present on the cell surface. Axenic cultures can be obtained, however loose viability on passaging.

Classification

Bacteria » *Planctomycetota* » *Planctomycetia* » *Pirellulales* » *Pirellulaceae* » *Candidatus Laterigemmans*

References

Effective publication: Kumar et al., 2021 [1]

Registry URL

<https://seqco.de/i:712>

References

1. Kumar et al. (2021). "Candidatus *Laterigemmans baculatus*" gen. nov. sp. nov., the first representative of rod shaped planctomycetes with lateral budding in the family Pirellulaceae. *Systematic and Applied Microbiology*. [DOI:10.1016/j.syapm.2021.126188](https://doi.org/10.1016/j.syapm.2021.126188)