

Genus *Paraluminiphilus*

Etymology

[Pa.ra.lu.mi.ni'phi.lus] Gr. pref. *para-*, like; N.L. masc. n. *Luminiphilus*, a bacterial genus; N.L. masc. n. *Paraluminiphilus*, like *Luminiphilus*, referring to the close relationship to the genus

Nomenclatural type

Species *Paraluminiphilus aquimaris*^{Ts}

Description

A genus established on the basis of taxonomic novelty analyses, AAI, AF, AAI, POCP, 16S rRNA gene phylogenetic reconstruction, and phylogenomic analyses and is classified as a member of the Halieaceae family. The type species of the genus is *Paraluminiphilus aquimaris*.

Classification

Bacteria » *Pseudomonadota* » *Gammaproteobacteria* » *Cellvibrionales* » *Halieaceae* » *Paraluminiphilus*

References

Effective publication: Li et al., 2023 [1]

Registry URL

<https://seqco.de/i:44044>

References

1. Li et al. (2023). Metabolic Versatility of the Family *Halieaceae* Revealed by the Genomics of Novel Cultured Isolates. *Microbiology Spectrum*. DOI:10.1128/spectrum.03879-22