

Genus *Leptovillus*

Etymology

[Lep.to.vi'llus] Gr. masc. adj. *leptos*, thin; L. masc. n. *villus*, hair, filament; N.L. masc. n. *Leptovillus*, thin filamentous bacterium

Nomenclatural type

Species *Leptovillus gracilis*^{Ts}

Description

A genus established on the basis of MiGA taxonomic novelty analyses, ANI, 16S rRNA gene phylogenetic reconstruction, FISH and phylogenomic analyses and is classified as a member of the Promineofilaceae family. The type species of the genus is *Leptovillus gracilis*.

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Promineifilales* » *Promineofilaceae* » *Leptovillus*

References

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

Registry URL

<https://seqco.de/i:43994>

References

1. Petriglieri et al. (2023). A comprehensive overview of the Chloroflexota community in wastewater treatment plants worldwide. *mSystems*. DOI:10.1128/msystems.00667-23