

Genus *Defluviilinea*

Etymology

[De.flu.vi.i.li.ne'a] L. neut. n. *defluvium*, sewage; L. fem. n. *linea*, line, filament; N.L. fem. n. *Defluviilinea*, filamentous bacterium found in sewage

Nomenclatural type

Species *Defluviilinea 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 Villigracilaceae family. The type species of the genus is *Defluviilinea gracilis*.

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Anaerolineales* » *Villigracilaceae* » *Defluviilinea*

References

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

Registry URL

<https://seqco.de/i:43973>

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