

Species *Defluviilinea proxima*

Etymology

[pro.xi'ma] L. fem. adj. *proxima*, next of kin

Nomenclatural type

[NCBI Assembly: GCA_016721115.1](#)^{TS}

Description

The species is established on the same basis as the genus and the type material is the genome Skiv_MAXAC.174. Fluorescence in situ hybridization with genus-specific FISH probes shows filamentous morphology (12-50 × 0.3-0.4 μm).

Classification

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

References

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

Registry URL

<https://seqco.de/i:43975>

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](https://doi.org/10.1128/mSystems.00667-23)