

Species *Defluviilinea gracilis*^{Ts}

Etymology

[gra.ci'lis] L. fem. adj. *gracilis*, slender

Nomenclatural type

[NCBI Assembly: GCA_016716235.1](#)^{Ts}

Description

The species is established on the same basis as the genus and the type material is the genome Kalu_BAT3C.361. 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 gracilis*^{Ts}

References

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

Registry URL

<https://seqco.de/i:43972>

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