

Species *Leptofilum gracile*^{Ts}

Etymology

[gra.ci'le] L. neut. adj. *gracile*, thin

Nomenclatural type

[NCBI Assembly: GCA_016713825.1](#)^{Ts}

Description

The species is established on the same basis as the genus and the type material is the genome Fred_BAT3C.445. Fluorescence in situ hybridization with genus-specific FISH probes shows filamentous morphology (10-70 × 0.7-0.9 μm).

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Promineifilales* » *Promineifilaceae* » *Leptofilum* » *Leptofilum gracile*^{Ts}

References

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

Registry URL

<https://seqco.de/i:43989>

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)