

## Species *Leptofilum gracile*<sup>Ts</sup>

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### Etymology

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

### Nomenclatural type

[NCBI Assembly: GCA\\_016713825.1](#)<sup>Ts</sup>

### 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*<sup>Ts</sup>

### 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)