

## Genus *Leptofilum*

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### Etymology

[Lep.to.fi'lum] Gr. **masc. adj.** *leptos*, thin; L. **neut. adj.** *filum*, thread; N.L. **neut. n.** *Leptofilum*, bacterium with thin filamentous morphology

### Nomenclatural type

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

### 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 Promineofilaceae family. The type species of the genus is *Leptofilum gracile*.

### Classification

*Bacteria* » *Chloroflexota* » *Anaerolineae* » *Promineifilales* » *Promineofilaceae* » *Leptofilum*

### References

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

### Registry URL

<https://seqco.de/i:43990>

## 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