

## Species *Leptofilum proximum*

---

### Etymology

[pro.xi'mum] L. neut. adj. *proximum*, next of kin

### Nomenclatural type

[NCBI Assembly: GCA\\_016710325.1](#)<sup>TS</sup>

### Description

The species is established on the same basis as the genus and the type material is the genome Kalu\_MAXAC.106v2. 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 proximum*

### References

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

### Registry URL

<https://seqco.de/i:43991>

## 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