

Species *Flexifilum affine*

Etymology

[af.fi'ne] L. neut. adj. *affine*, next of kin

Nomenclatural type

[NCBI Assembly: GCA_016713325.1](#)^{TS}

Description

The species is established on the same basis as the genus and the type material is the genome Fred_MAXAC.112. Fluorescence in situ hybridization with genus-specific FISH probes shows filamentous morphology (40-110 × 0.7-1.1 µm).

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Aggregatilineales* » *Flexifilaceae* » *Flexifilum* » *Flexifilum affine*

References

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

Registry URL

<https://seqco.de/i:43999>

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