

Family *Flexifilaceae*

Etymology

[Fle.xi.fi.la'ce.ae] N.L. neut. n. *Flexifilum*, referring to the type genus *Flexifilum*; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Flexifilaceae*, the *Flexifilum* family

Nomenclatural type

Genus *Flexifilum*

Description

A family established on the basis of MiGA taxonomic novelty analyses, 16S rRNA gene phylogenetic reconstruction, FISH and phylogenomic analyses and is classified as a member of the Epilineales order. The type species is *Flexifilum breve*.

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Aggregatilineales* » *Flexifilaceae*

References

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

Registry URL

<https://seqco.de/i:44001>

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