

Genus *Epilinea*

Etymology

[E.pi.li.ne'a] Gr. pref. *epi*, on; L. fem. n. *linea*, line; N.L. fem. n. *Epilinea*, filamentous bacteria attached to other filaments

Nomenclatural type

Species *Epilinea brevis*^{Ts}

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 *Epilineaceae* family. The type species of the genus is *Epilinea brevis*.

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Epilineales* » *Epilineaceae* » *Epilinea*

References

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

Registry URL

<https://seqco.de/i:43955>

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