

Family *Villigracilaceae*

Etymology

[Vi.lii.gra.ci.la'ce.ae] N.L. masc. n. *Villigracilis*, referring to the type genus *Villigracilis*; *-aceae*, ending to denote a family; N.L. fem. pl. n. *Villigracilaceae*, the *Villigracilis* family

Nomenclatural type

Genus *Villigracilis*

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 Anaerolineales order. The type species is *Villigracilis saccharophilus*.

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Anaerolineales* » *Villigracilaceae*

References

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

Registry URL

<https://seqco.de/i:43974>

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