

Genus *Villigracilis*

Etymology

[Vi.lli.gra.ci'lis] L. **masc. n.** *villus*, tuft of hair; L. **masc. adj.** *gracilis*, slim, slender; N.L. **masc. n.** *Villigracilis*, bacteria shaped as a slender tuft of hair

Nomenclatural type

Species *Villigracilis saccharophilus*^{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 Villigracilaceae. The type species of the genus is *Villigracilis saccharophilus*.

Classification

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

References

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

Registry URL

<https://seqco.de/i:43977>

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