

## Genus *Villigracilis*

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### 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*<sup>Ts</sup>

### 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