

Species *Villigracilis saccharophilus*^{Ts}

Etymology

[sac.cha.ro.phi'lus] **Gr. neut. n.** *saccharon*, sugar; **Gr. masc. n.** *philos*, lover; **N.L. masc. adj.** *saccharophilus*, indicating a preference for sugars as carbon sources

Nomenclatural type

[NCBI Assembly: GCA_016709305.1](#)^{Ts}

Description

The species is established on the same basis as the genus and the type material is the genome EsbW_MAXAC.021. Fluorescence in situ hybridization with genus-specific FISH probes shows filamentous morphology (12-50 × 0.3-0.4 μm).

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » *Anaerolineales* » *Villigracilaceae* » *Villigracilis* » *Villigracilis saccharophilus*^{Ts}

References

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

Registry URL

<https://seqco.de/i:43982>

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](https://doi.org/10.1128/msystems.00667-23)