

Species *Amarolinea aalborgensis*^{Ts}

Etymology

[a.a.l.bor.gen'sis] N.L. fem. adj. *aalborgensis*, Pertaining to Aalborg, a city in the Jutland region of Denmark

Nomenclatural type

[NCBI Assembly: GCA_900491745.1](#)^{Ts}

Description

Filamentous bacteria abundant in activate sludge WWTPs worldwide, where it was shown to contribute to severe bulking problems. This taxon is capable of aerobic respiration, fermentation, and has a potential to perform dissimilatory nitrate reduction to ammonia as well as glycogen synthesis and degradation. The filaments are in the 20 - 140 µm range for length and 1.0 - 2.2 µm for thickness.

Classification

Bacteria » *Chloroflexota* » *Anaerolineae* » "Amarolineales" » *Amarolineaceae* » *Amarolinea* » *Amarolinea aalborgensis*^{Ts}

References

Effective publication: Andersen et al., 2019 [1]
Assigned taxonomically: Andersen et al., 2019 [1]

Registry URL

<https://seqco.de/i:320>

References

1. Andersen et al. (2019). Genomic insights into Candidatus *Amarolinea aalborgensis* gen. nov., sp. nov., associated with settleability problems in wastewater treatment plants. *Systematic and Applied Microbiology*.
[DOI:10.1016/j.syapm.2018.08.001](https://doi.org/10.1016/j.syapm.2018.08.001)