

## Species *Amarolinea dominans*

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### Etymology

[do'mi.nans] L. part. adj. *dominans*, indicating the high abundance in sewage sludge

### Nomenclatural type

[NCBI Assembly: GCA\\_016719785.1](#)<sup>TS</sup>

### Description

A species of filamentous bacteria abundant in activated sludge globally.

### Classification

*Bacteria* » *Chloroflexota* » *Anaerolineae* » “*Amarolineales*” » *Amarolineaceae* » *Amarolinea* » *Amarolinea dominans*

### References

Effective publication: Petriglieri et al., 2023 [1]  
Assigned taxonomically: Andersen et al., 2019 [2]

### Registry URL

<https://seqco.de/i:44002>

## 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)
2. 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)