

## Species *Candidatus Desulfobacillus denitrificans*

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### Etymology

[de.ni.tri'fi.cans.] N. L. part. adj. *denitrificans*, denitrifying

### Nomenclatural type

[NCBI Assembly: AP021857](#) <sup>Ts</sup>

### Description

The imperfect denitrifier *Ca. D. denitrificans* inhabiting anammox bioreactors can use a range of electron donors for denitrification, including aromatic compounds, glucose, sulfur compounds, and hydrogen.

### Classification

*Bacteria* » *Pseudomonadota* » *Betaproteobacteria* » *Rhodocyclales* » *Rhodocyclaceae* » “*Desulfobacillus*” » *Candidatus Desulfobacillus denitrificans*

### References

Effective publication: Okubo, Takami, 2021 [1]

### Registry URL

<https://seqco.de/i:734>

## References

1. Okubo, Takami (2021). Metabolic potential of the imperfect denitrifier *Candidatus Desulfobacillus denitrificans* in an anammox bioreactor. *MicrobiologyOpen*. [DOI:10.1002/mbo3.1227](https://doi.org/10.1002/mbo3.1227)