

Species *Candidatus Desulfobacillus denitrificans*

Etymology

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

Nomenclatural type

[NCBI Assembly: AP021857](#) ^{Ts}

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)