

## Species *Candidatus Pseudopelobacter ferreus*

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### Etymology

[fer're.us] L. masc. adj. *ferreus*, pertaining to iron

### Nomenclatural type

Unknown

### Description

Selective enrichment from freshwater at 20°C. Grows in anoxic freshwater medium in defined coculture with “*Ca. C. masyuteum*.” Basis of assignment: digital DDH and ANI relatedness measures indicate a significant divergence at the genome to level from its closest *Pseudopelobacter* relatives. Belongs to proposed phylum Desulfurbacterota, Desulfuromonadia, *Geobacterales*, and *Pseudopelobacteraceae* Waite et al (2020). Identified from a water sample of Brownie Lake, Minneapolis, Minnesota, United States.

### Classification

“*Pseudopelobacter*” » *Candidatus Pseudopelobacter ferreus*

### References

Proposed: Lambrecht et al., 2021

### Registry URL

<https://seqco.de/i:681>

## References

1. Lambrecht et al. (2021). “*Candidatus Chlorobium masyuteum*,” a Novel Photoferrotrophic Green Sulfur Bacterium Enriched From a Ferruginous Meromictic Lake. *Frontiers in Microbiology*. DOI:10.3389/fmicb.2021.695260