

Species *Zemelea palustris*^{Ts}

Etymology

[pa.lus'tris] L. fem. adj. *palustris*, marshy, swampy

Nomenclatural type

[NCBI Assembly: GCA_003134695.1](#)^{Ts}

Description

Obligate heterotroph. Anaerobic respiration: nitrate. Organic substrates include peptides, amino acids, carboxylates, sarcosine, formate, poly- and oligosaccharides, sugars. PHA storage. Also defined based on ANI, and phylogenies of 16S rRNA gene, 15 ribosomal proteins, and the GTDB.

Classification

Bacteria » *Eremiobacterota* » *Eremiobacteria* » “Baltobacterales” » “Baltobacteraceae” » *Zemelea* » *Zemelea palustris*^{Ts}

References

Effective publication: Ji et al., 2021 [1]
Assigned taxonomically: Ji et al., 2021 [1]

Registry URL

<https://seqco.de/i:41948>

References

1. Ji et al. (2021). *Candidatus* Eremiobacterota, a metabolically and phylogenetically diverse terrestrial phylum with acid-tolerant adaptations. *The ISME Journal*. DOI:[10.1038/s41396-021-00944-8](https://doi.org/10.1038/s41396-021-00944-8)