

Species *Phosphoribacter baldrii*^{Ts}

Etymology

[bal.dri'i] N.L. gen. n. *baldrii*, of Baldr, Norse god twin of Hodr, indicating the close relationship of the 16S rRNA gene sequence for *Phosphoribacter baldrii* and *Phosphoribacter hodrii*

Nomenclatural type

[NCBI Assembly: GCA_016704565.1](#)^{Ts}

Description

Rod shaped cells 0.4-0.7 x 1-1.7 µm (diameter x length), usually organized in microcolonies embedded in the structure of the floc. Likely utilizes a range of substrates including sugars and amino acids, is capable of polyphosphate accumulation and cycling, with the distinction of potential ethanolamine use

Classification

Bacteria » *Actinomycetota* » *Actinomycetes* » *Micrococcales* » *Dermatophilaceae* » *Phosphoribacter* » *Phosphoribacter baldrii*^{Ts}

References

Effective publication: Singleton et al., 2022 [1]
Assigned taxonomically: Singleton et al., 2022 [1]

Registry URL

<https://seqco.de/i:42457>

References

1. Singleton et al. (2022). The novel genus, '*Candidatus Phosphoribacter*', previously identified as *Tetrasphaera*, is the dominant polyphosphate accumulating lineage in EBPR wastewater treatment plants worldwide. *The ISME Journal*. DOI:[10.1038/s41396-022-01212-z](https://doi.org/10.1038/s41396-022-01212-z)