

Genus *Phosphoribacter*

Etymology

[Phos.pho.ri.bac'ter] L. masc. n. *phosphorus*, phosphorus; N.L. masc. n. *bacter*, a rod; N.L. masc. n. *Phosphoribacter*, a rod shaped bacteria that stores phosphate

Nomenclatural type

Species *Phosphoribacter baldrii*^{TS}

Description

Rod shaped bacterial genus from sludge. Likely utilizes a range of substrates including sugars and amino acids, is capable of polyphosphate accumulation and cycling.

Classification

Bacteria » *Actinomycetota* » *Actinomycetes* » *Micrococcales* » *Dermatophilaceae* » *Phosphoribacter*

References

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

Registry URL

<https://seqco.de/i:23422>

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)