

## Genus *Phosphoribacter*

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### 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*<sup>TS</sup>

### 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)