

Genus *Phosphoribacter*

Etymology

[Phos.pho.ri.bac'ter] *Phosphoribacter*, referring to the type genus *Phosphoribacter*; -, ending to denote a genus;

N.L. neut. pl. n. *Phosphoribacter*, the *Phosphoribacter* genus

Nomenclatural type

Genus "Phosphoribacter"

Description

Rod shaped bacterial genus from sludge. Likely utilises 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)