

Species *Phosphoribacter hoenirii*

Etymology

[ho'e.ni.ri'i] **N.L. gen. n.** *hoenirii*, hoenirii of Hoenir, Norse god of silence

Nomenclatural type

[NCBI Assembly: GCA_963851545.1](#) ^{Ts}

Description

The MAG representative for this species was isolated from activated sludge, wastewater treatment plant located in Aalborg West, Denmark. Based on metabolic annotation, the species show similar metabolic potential to its close relatives *Phosphoribacter baldrii* and *hodrii*

Classification

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

References

Effective publication: Kondrotaite et al., 2025 [1]
Assigned taxonomically: Singleton et al., 2022 [2]

Registry URL

<https://seqco.de/i:49010>

References

1. Kondrotaite et al. (2025). Ecophysiology and niche differentiation of three genera of polyphosphate-accumulating bacteria in a full-scale wastewater treatment plant. *mSystems*. [DOI:10.1128/msystems.00322-25](https://doi.org/10.1128/msystems.00322-25)
2. 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)