

Species *Fervidibacter japonicus*

Etymology

[ja.po.ni'cus] N.L. masc. adj. *japonicus*, of Japan, the country where this organism is from

Nomenclatural type

[NCBI Assembly: GCA_002898575.1](#)^{TS}

Description

The sole genome representative of this species was recovered from a metagenome from Hishikari Mine, Japan. The GC content is 59%. The genome encodes both the high- and low-affinity terminal oxidases.

Classification

Bacteria » *Armatimonadota* » *Fervidibacteria* » *Fervidibacterales* » *Fervidibacteraceae* » *Fervidibacter* » *Fervidibacter japonicus*

References

Effective publication: Nou et al., 2024 [1]

Registry URL

<https://seqco.de/i:44080>

References

1. Nou et al. (2024). Genome-guided isolation of the hyperthermophilic aerobic *Fervidibacter sacchari* reveals conserved polysaccharide metabolism in the Armatimonadota. *Nature Communications*. [DOI:10.1038/s41467-024-53784-3](https://doi.org/10.1038/s41467-024-53784-3)