

Species *Fervidibacter sinensis*

Etymology

[si.nen'sis] N.L. masc. adj. *sinensis*, of China, the country where this organism is from

Nomenclatural type

[INSDC Nucleotide: JAVHTH000000000](#)^{Ts}

Description

Genomes of this species were recovered from metagenomes from geothermal springs in Tengchong, China. GC content range between 50% and 52%. The a subunit of the high-affinity cytochrome bd ubiquinol oxidase (CydA) are encoded by the genomes of the species, but no low-affinity terminal oxidases are encoded.

Classification

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

References

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

Registry URL

<https://seqco.de/i:44079>

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)