

## Class *Fervidibacteria*

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### Etymology

[Fer.vi.di.bac.ter'i.a] **N.L. masc. n.** *Fervidibacter*, referring to the type genus *Fervidibacter*; *-ia*, ending to denote a class; **N.L. neut. pl. n.** *Fervidibacteria*, the *Fervidibacter* class

### Nomenclatural type

Genus *Fervidibacter*

### Description

The description for the class is the same as for the order Fervidibacterales. Phylogenomic placement of this lineage within the Armatimonadota and relative evolutionary divergence supports delineation of this lineage as a class within the Armatimonadota.

### Classification

*Bacteria* » *Armatimonadota* » *Fervidibacteria*

### References

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

### Registry URL

<https://seqco.de/i:44092>

## 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)