

Species *Thermosaccharophagus yellowstonensis*

Etymology

[yel.low.ston.en'sis] N.L. masc. adj. *yellowstonensis*, of Yellowstone, USA, where this organism is from

Nomenclatural type

[NCBI Assembly: GCA_041537945.1](#)^{TS}

Description

The sole genome representative of the species was recovered from a metagenomes from Washburn Spring, Yellowstone National Park, Wyoming, USA. GC content is 51%. No terminal oxidases and the presence of the Wood-Ljungdahl pathway indicate that this species is likely a strict anaerobe.

Classification

Bacteria » *Armatimonadota* » *Fervidibacteria* » *Fervidibacterales* » *Thermosaccharophagaceae* » *Thermosaccharophagus* » *Thermosaccharophagus yellowstonensis*

References

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

Registry URL

<https://seqco.de/i:44088>

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)