

Species *Thermosaccharophagus tengchongensis*

Etymology

[teng.chong.en'sis] N.L. masc. adj. *tengchongensis*, of Tengchong, Yunnan province, south-west China, where this organism is from

Nomenclatural type

[INSDC Nucleotide: JAVHTD000000000](#)^{Ts}

Description

Genomes of this species were recovered from metagenomes from geothermal springs in Tengchong, China. GC content is approximately 52%. 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 tengchongensis*

References

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

Registry URL

<https://seqco.de/i:44086>

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)