

Species *Songiamicus weybensis*^{Ts}

Etymology

[we.y.ben'sis] **N.L. masc. adj.** *weybensis*, of or pertaining to Lake Weyba, a saltwater lake in Queensland, Australia

Nomenclatural type

[Genome sci|0006326](https://seqco.de/sci/0006326) ^{Ts}

Description

S. weybensis is inferred as organoheterotrophs but could potentially fix CO₂ via the Wood-Ljungdahl pathway. It also encodes genes for nitrogen fixation.

Classification

Bacteria » *Songiamicota* » *Songiamicia* » *Songiamicales* » *Songiamicaceae* » *Songiamicus* » *Songiamicus weybensis*^{Ts}

References

Effective publication: Sun et al., 2025 [1]
Assigned taxonomically: Sun et al., 2025 [1]

Registry URL

<https://seqco.de/i:49702>

References

1. Sun et al. (2025). Metagenomic insights into taxonomic and functional patterns in shallow coastal and deep seafloor sediments in the Western Pacific. *Microbial Genomics*. DOI: [10.1099/mgen.0.001351](https://doi.org/10.1099/mgen.0.001351)