Species *Spongiamicus 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 sc|0006326 [Ts]

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

Classification
Bacteria » *Spongiamicota* » *Spongiamicia* » *Spongiamicales* » *Spongiamicaceae* » *Spongiamicus* » *Spongiamicus 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 subseafloor sediments in the Western Pacific. *Microbial Genomics*. DOI: 10.1099/mgen.0.001351