Species *Xiheimicrobium aquaticum*[Ts]

Etymology
[a.qua'ti.cum] **L. neut. adj.** *aquaticum*, living, growing, or found in the water

Nomenclatural type
NCBI Assembly: GCA_020247085.1 [Ts]

Description
The nomenclatural type for the species is the genomic assembly LLY-WYZ-4_1 (GCA_020247085.1). Genome is predicted to 7.36 Mb in 641 scaffolds. The GC content is 72.03%. Genome has complete bacteriochlorophyll synthesis pathways, and encodes reaction center proteins and other key enzymes, suggesting potential phototrophic lifestyle. Genomic assemblies for this species originated from freshwater lake.

Classification
Bacteria » *Myxococcota* » *Myxococcia* » *Myxococcales* » *Myxococcaceae* » *Xiheimicrobium* » *Xiheimicrobium aquaticum*[Ts]

References
Effective publication: Li et al., 2023 [1]

Registry URL
https://seqco.de/i:32845

References

1. Li et al. (2023). Globally distributed Myxococcota with photosynthesis gene clusters illuminate the origin and evolution of a potentially chimeric lifestyle. *Nature Communications*. DOI:10.1038/s41467-023-42193-7