



Supplements

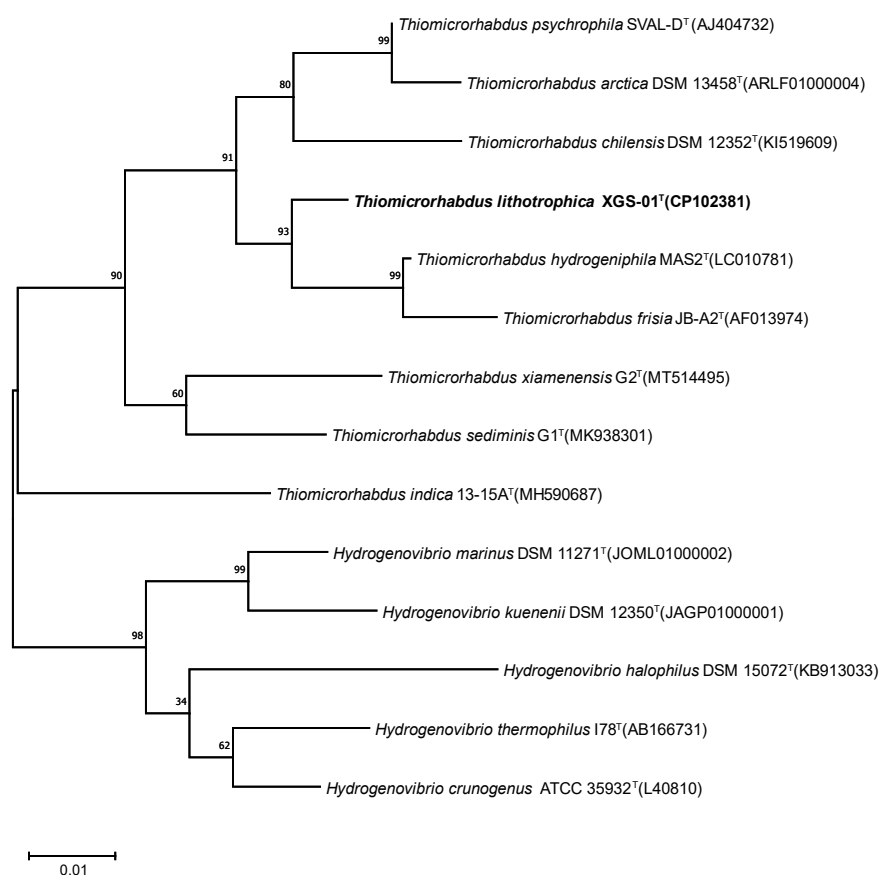


Figure S1. Maximum-likelihood phylogenetic tree based on 16S rRNA gene sequences showing the relationship between strain XGS-01T and members of the genus *Thiomicrorhabdus*. Bootstrap values (>50%) based on 1000 replicates are shown at branch nodes. Bar, 0.01 substitutions per nucleotide position.

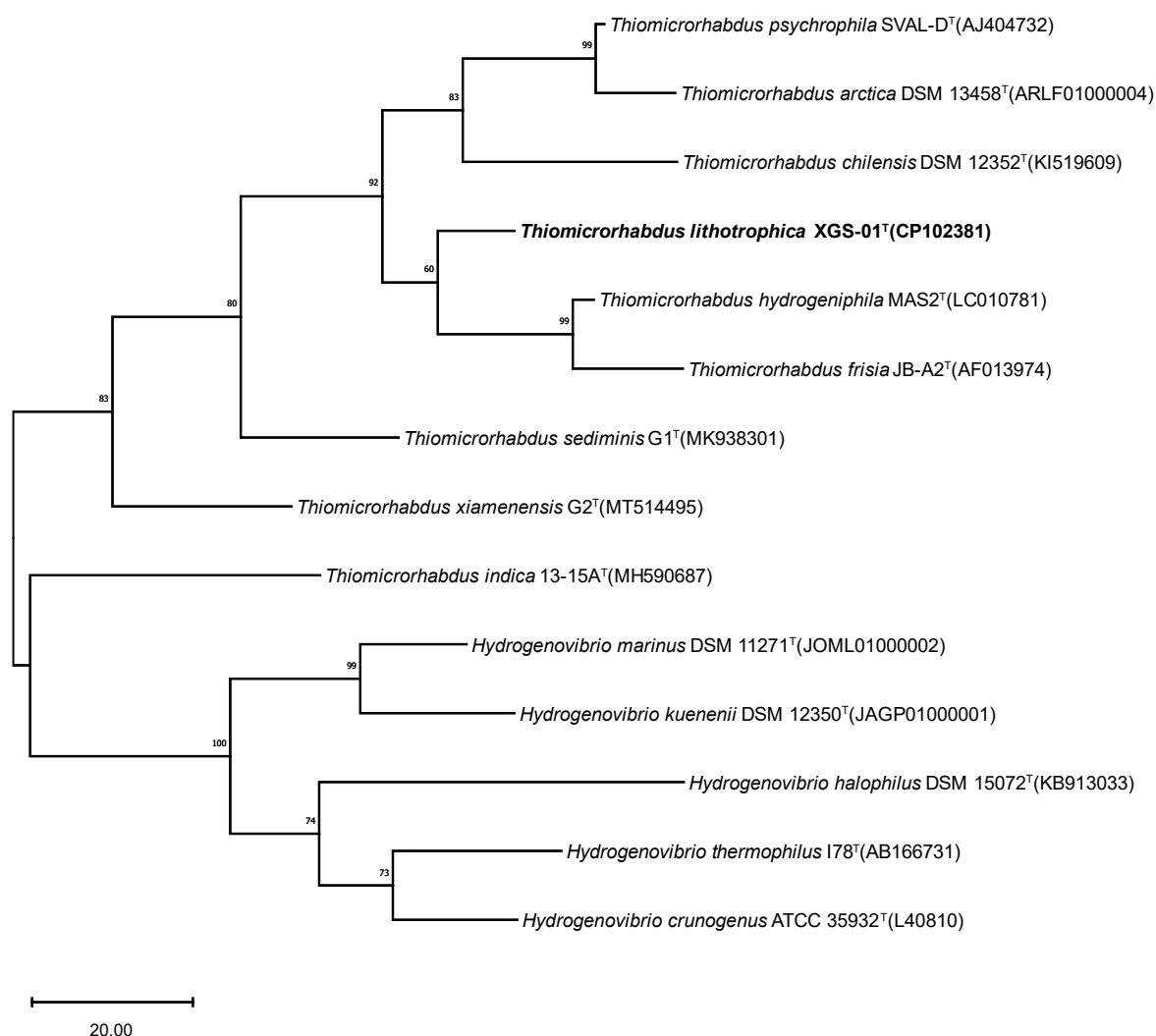


Figure S2. Maximum-Parsimony phylogenetic tree based on 16S rRNA gene sequences showing the relationship between strain XGS-01T and members of the genus *Thiomicrorhabdus*. Bootstrap values (>50%) based on 1000 replicates are shown at branch nodes. Bar, 0.01 substitutions per nucleotide position.

> *Thiomicrothrix lithotrophica* XGS-01^T 16S ribosomal RNA gene, complete sequence

ATTAAACTGAAGAGTTTGATCCTGGCTCAGAATGAACGCTGGCGGTAGGCTTAACACATG
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CGAATATGCTCTACGGAGTAAAGGAGCCCTCTTCTTGAAAGGTTTCGCTATAGGATGAGC
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