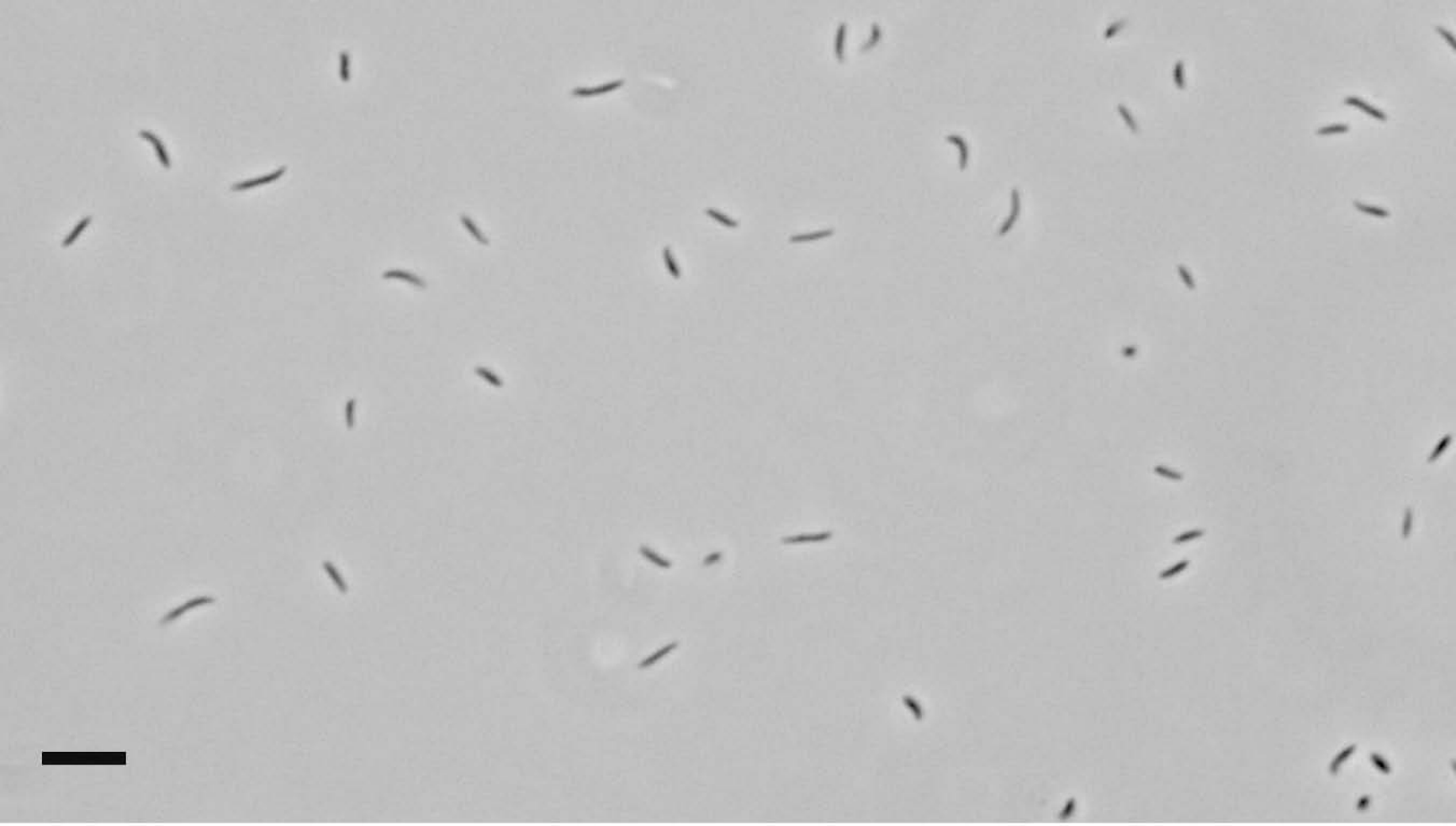
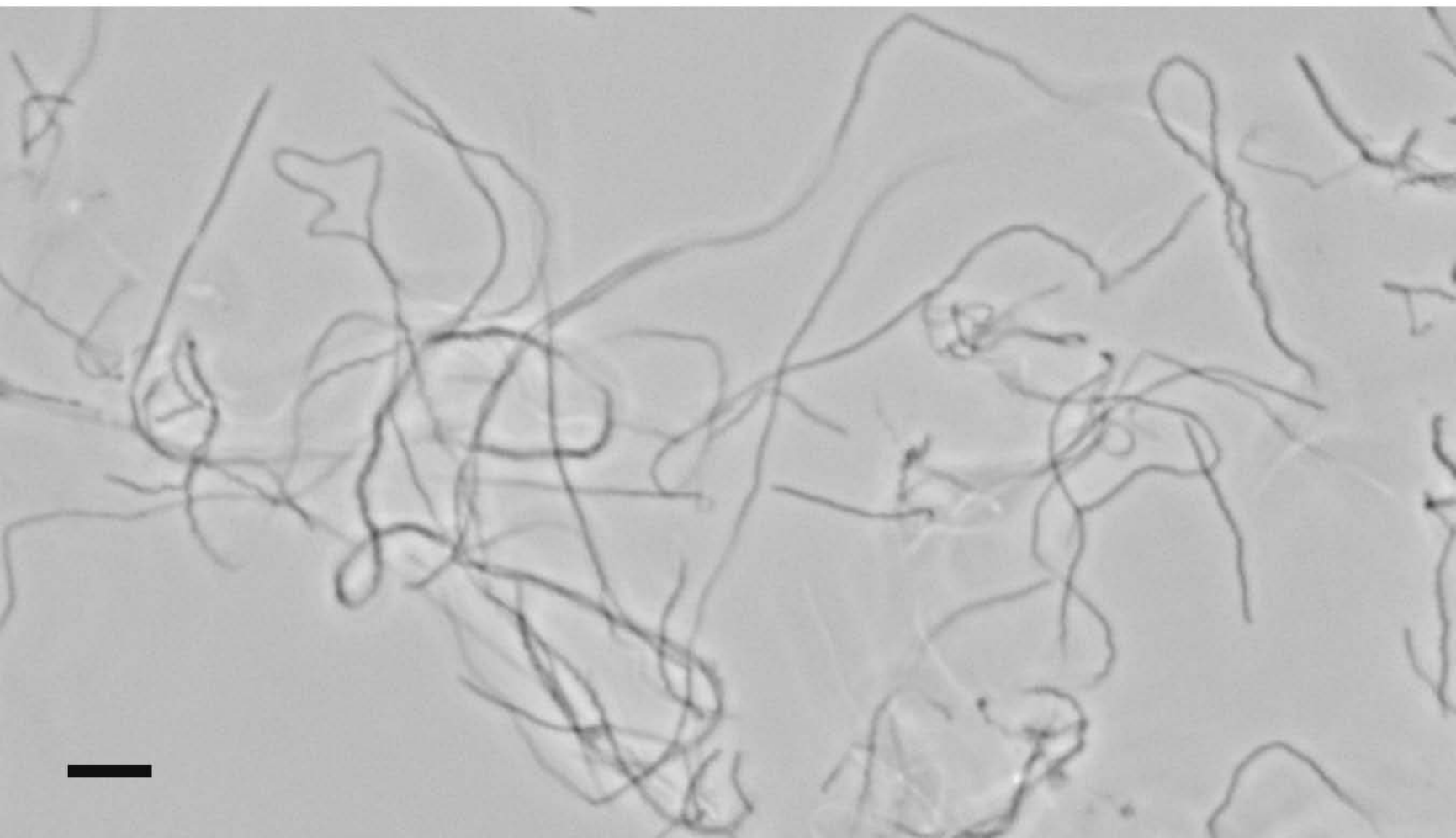
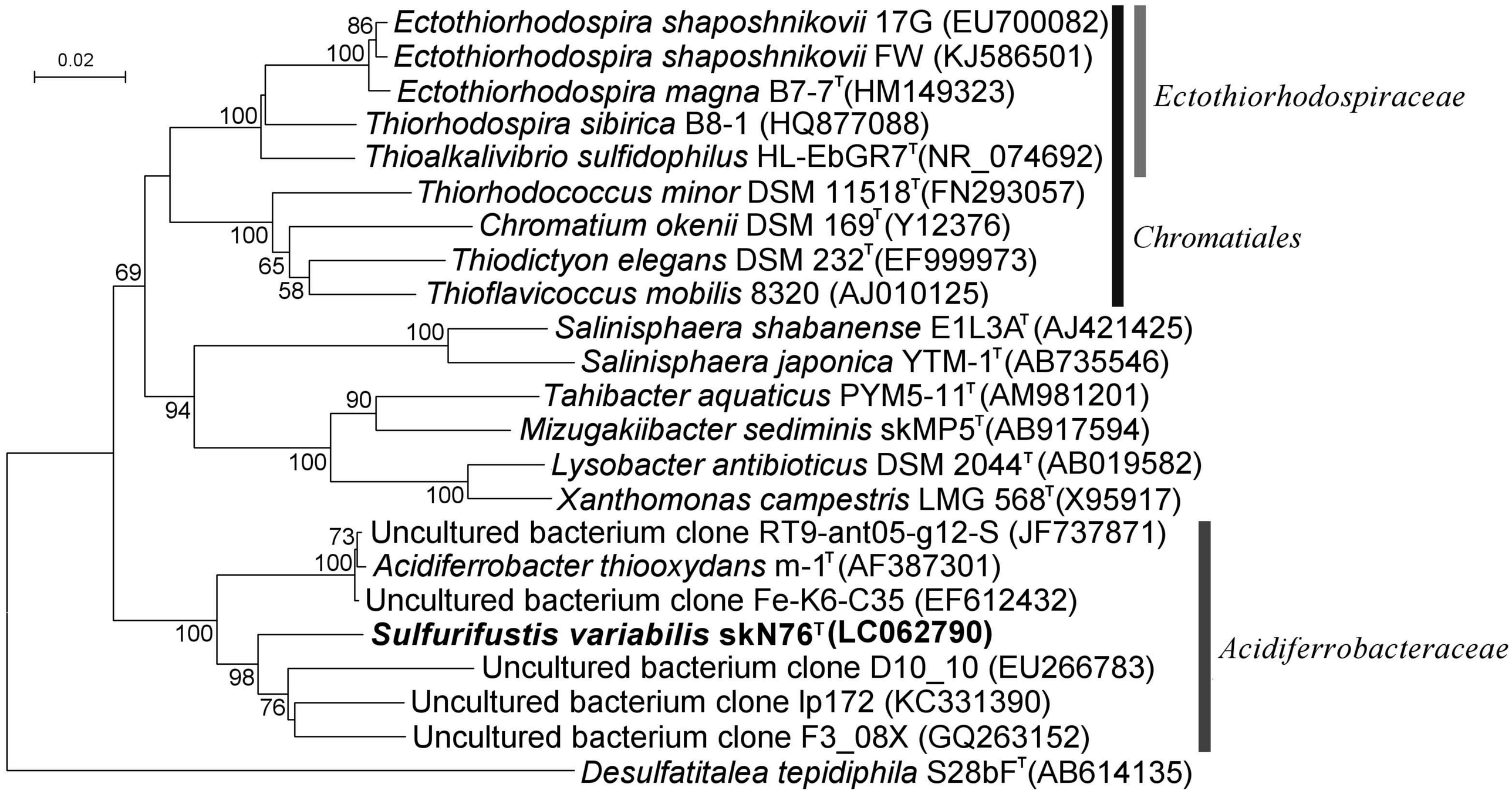
HOKKAIDO UNIVERSITY

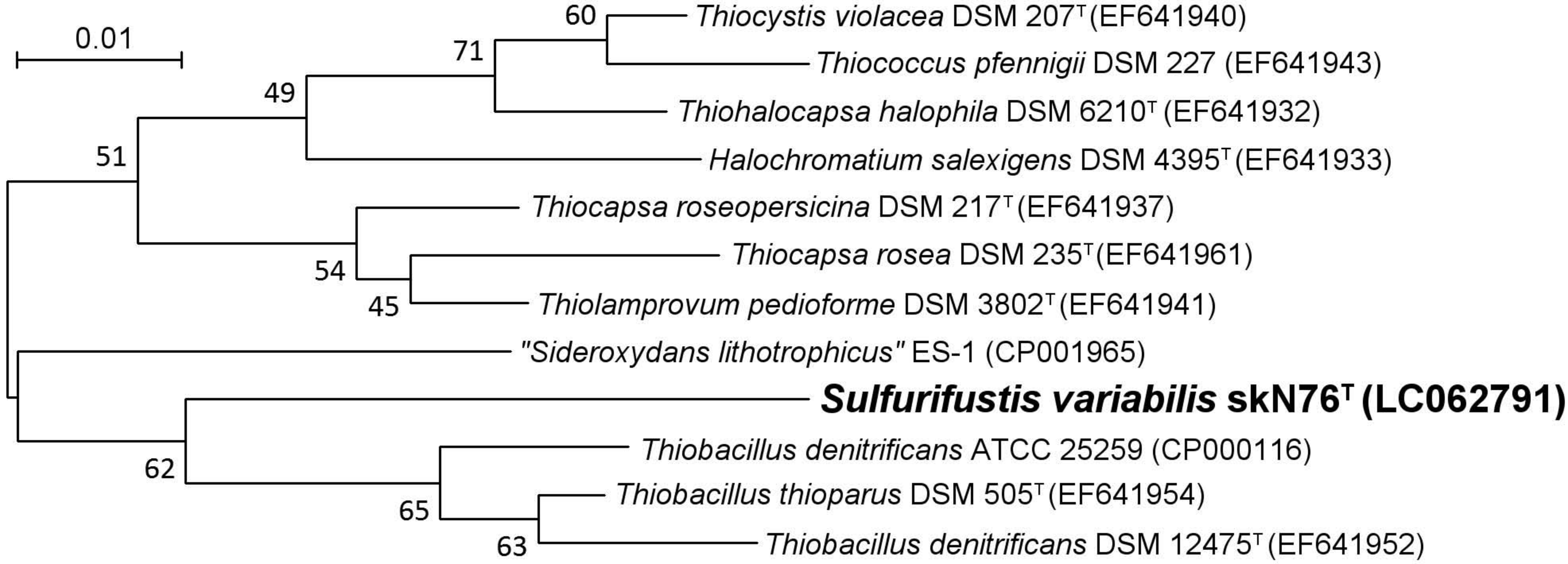
Title	Sulfurifustis variabilis gen. nov., sp nov., a sulfur oxidizer isolated from a lake, and proposal of Acidiferrobacteraceae fam. nov and Acidiferrobacterales ord. nov.
Author(s)	Kojima, Hisaya; Shinohara, Arisa; Fukui, Manabu
Citation	International journal of systematic and evolutionary microbiology, 65, 3709-3713 https://doi.org/10.1099/ijsem.0.000479
Issue Date	2015-10-30
Doc URL	https://hdl.handle.net/2115/63357
Type	journal article
File Information	Fig1,2,3.pdf

Hokkaido University Collection of Scholarly and Academic Papers : HUSCAP






0.02
Ectothiorhodospira shaposhnikovii 17G (EU700082)
Ectothiorhodospira shaposhnikovii FW (KJ586501)
Ectothiorhodospira magna B7-7T(HM149323)
Thiorhodospira sibirica B8-1 (HQ877088)
Thioalkalivibrio sulfidophilus HL-EbGR7T(NR_074692)
Thiorhodococcus minor DSM 11518T(FN293057)
Chromatium okenii DSM 169T(Y12376)
Thiodictyon elegans DSM 232T(EF999973)
Thioflavicoccus mobilis 8320 (AJ010125)
Salinisphaera shabanense E1L3AT(AJ421425)
Salinisphaera japonica YTM-1T(AB735546)
Tahibacter aquaticus PYM5-11T(AM981201)
Mizugakiibacter sediminis skMP5T(AB917594)
Lysobacter antibioticus DSM 2044T(AB019582)
Xanthomonas campestris LMG 568T(X95917)
Uncultured bacterium clone RT9-ant05-g12-S (JF737871)
Acidiferrobacter thiooxydans m-1T(AF387301)
Uncultured bacterium clone Fe-K6-C35 (EF612432)
Sulfurifustis variabilis skN76T(LC062790)
Uncultured bacterium clone D10_10 (EU266783)
Uncultured bacterium clone lp172 (KC331390)
Uncultured bacterium clone F3_08X (GQ263152)
Desulfatitalea tepidiphila S28bFT(AB614135)
Ectothiorhodospiraceae
Chromatiales
Acidiferrobacteraceae
86
100
100
100
65
58
69
100
94
90
100
100
73
100
100
98
76


0.01
60
71
49
51
54
45
62
65
63
Thiocystis violacea DSM 207T (EF641940)
Thiococcus pfennigii DSM 227 (EF641943)
Thiohalocapsa halophila DSM 6210T (EF641932)
Halochromatium salexigens DSM 4395T (EF641933)
Thiocapsa roseopersicina DSM 217T (EF641937)
Thiocapsa rosea DSM 235T (EF641961)
Thiolamprovum pedioforme DSM 3802T (EF641941)
"Sideroxydans lithotrophicus" ES-1 (CP001965)
Sulfurifustis variabilis skN76T (LC062791)
Thiobacillus denitrificans ATCC 25259 (CP000116)
Thiobacillus thioparus DSM 505T (EF641954)
Thiobacillus denitrificans DSM 12475T (EF641952)