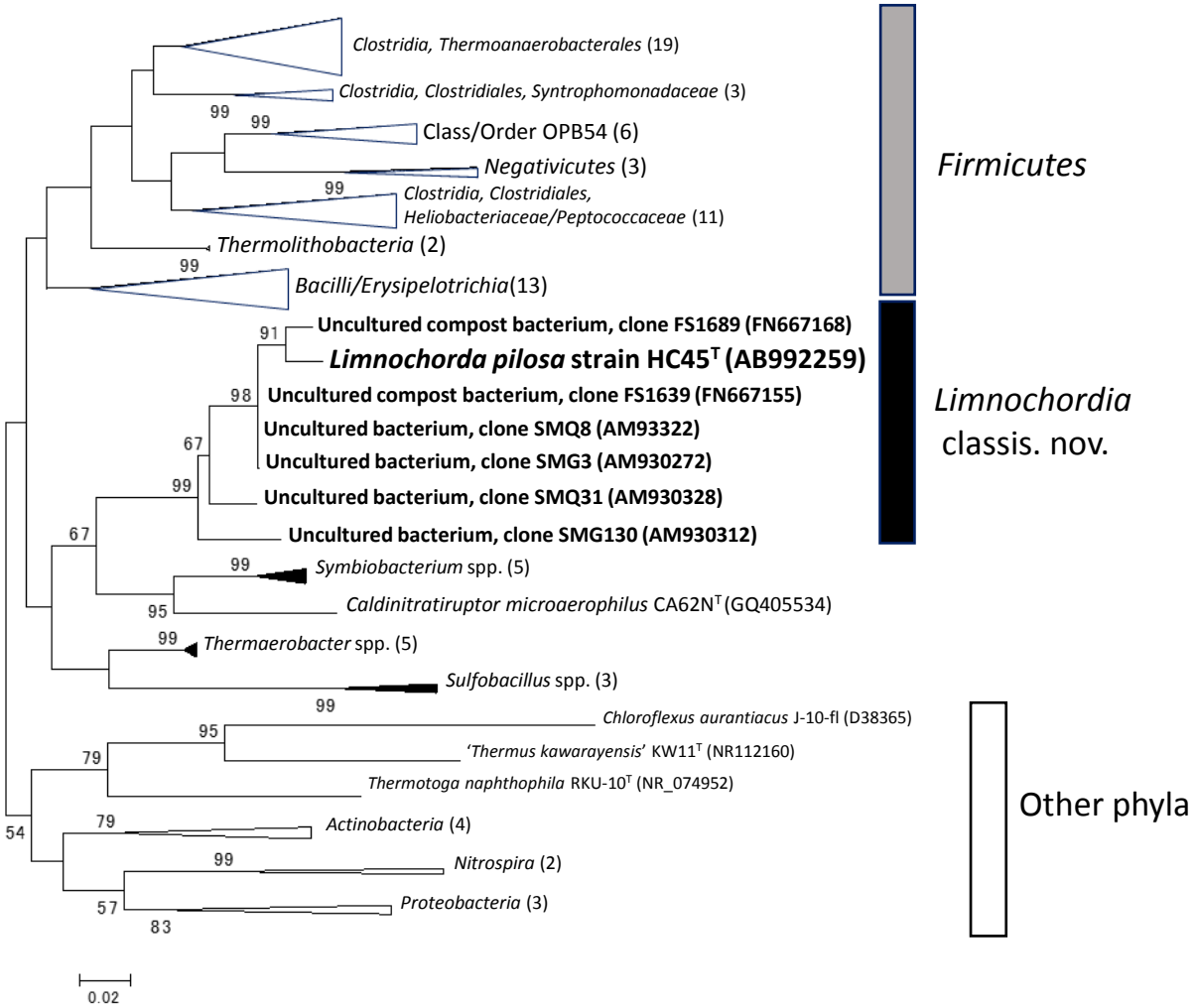
HOKKAIDO UNIVERSITY

Title	Limnochorda pilosa gen. nov., sp nov., a moderately thermophilic, facultatively anaerobic, pleomorphic bacterium and proposal of Limnochordaceae fam. nov., Limnochordales ord. nov and Limnochordia classis nov in the phylum Firmicutes
Author(s)	Watanabe, Miho; Kojima, Hisaya; Fukui, Manabu
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File Information	Fig. 3 .pdf

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Clostridia, Thermoanaerobacterales (19)
Clostridia, Clostridiales, Syntrophomonadaceae (3)
99
99
Class/Order OPB54 (6)
Negativicutes (3)
99
Clostridia, Clostridiales,
Heliobacteriaceae/Peptococcaceae (11)
Thermolithobacteria (2)
99
Bacilli/Erysipelotrichia(13)
Firmicutes
91
Uncultured compost bacterium, clone FS1689 (FN667168)
Limnochorda pilosa strain HC45T (AB992259)
98
Uncultured compost bacterium, clone FS1639 (FN667155)
Uncultured bacterium, clone SMQ8 (AM93322)
67
Uncultured bacterium, clone SMG3 (AM930272)
99
Uncultured bacterium, clone SMQ31 (AM930328)
67
Uncultured bacterium, clone SMG130 (AM930312)
Limnochordia
classis. nov.
99
Symbiobacterium spp. (5)
95
Caldinitratiruptor microaerophilus CA62NT (GQ405534)
99
Thermaerobacter spp. (5)
Sulfobacillus spp. (3)
99
Chloroflexus aurantiacus J-10-fl (D38365)
95
79
'Thermus kawarayensis' KW11T (NR112160)
Thermotoga naphthophila RKU-10T (NR_074952)
Other phyla
54
79
Actinobacteria (4)
99
Nitrospira (2)
57
Proteobacteria (3)
83
0.02