

16S rRNA DNA sequences

M. bovis CGAGCGCAACCCTTATCCTTAGTTACTACC--ATTTAGTTGAGCACTCTAAGGAGACTGCCCGAG-TAATCGGGAGGAAGGTGGGGACGACGTCAAATCATCATGCCTCTTACGAGTGGGG 118
M. californicumC.G.....A.--.....T.-.....
M. bovigentaliumA.--...C.....G.....-.....
M. alkalescensC...T.....A.GAG.CAT..C...G.....GA..T.....T.G.-...CT.....T.....
M. argininiC...T.....A.GAG.CAT..C...G.....GA..T.....T.G.-...CT.....T.....
M. canadenseC...T.....A.GAG.CAT..C...G.....GA..T.....T.G.-...CT.....T.....
A. laidlawiiTGC.....C.T.--...A....G.G.....GC.....A.T.A..ATT.....T.....C...T..-----

rpoB DNA sequences

M. bovis TTTCAGCCGCTAACTTCAGAGCCAAGACAAGAGGGAAAAGTTGAATATGTTGATGGCGCCAAAATTTAAATTAGGAATAATAAAGGCACATTAGATACATATAATTTAAAAAA 112
M. californicum -----
M. bovigentalium -----
M. alkalescens -----...T...T.....G..C
M. arginini -----
M. canadense -----...T...T.....G..C
A. laidlawii -----

M. bovis CTTCCAACGTTCAAATCAAGATACAGTTATTACCAAAAAACCTATTATTAAGTT-GGTCAAGAAGTTGCTAAAGGCGAATTATTAGTTGATGGGTCAAGCTTCAAGGATGGGGAACTTGC 232
M. californicum -.....C.....AG.....G.....T.AG.....AA-.....TT...AAA.....T.....C.T.....C...TCA..T..AA...T...-----
M. bovigentaliumC.....G.....AC..G...G.AA-.....C.....AAA.....T.....C.T.....CG..TCA..T.....A...-----
M. alkalescens A..TG.....GA..CT.A...T...GTT..GC..G...T.A-.....AGAGTT..T.....-----
M. arginini -----..C..C...G...T.A.....GT...-...G...AC.AAA.....AAAGCT..T.....-----
M. canadense A..TG..A.A...C...GG...T.A..C..T...GTG..GC..G...T.A-AA.....A..AAAGCG..T.....-----
A. laidlawii -----...AC.....-----

16S-23S ITS DNA sequences

A. laidlawii AAGTGGGCAATACCCAACGCCCGGTGGCCTAACCCGAAAGGGAGGGAGCCGTCCTAAGGTAGGGTCCATGATTGGGGTTAAGTCGTAACAAGGTATCCCTACGGGAACGT 108
M. bovis -----..C.....A.....
M. californicum -----..C.....A.....
M. bovigentalium -----..C.....A.....
M. alkalescens -----...CGA...C.....ACTGG...C...G.....A.....
M. arginini -----..T.....A.T...TAG.....T---C...CGA...C.....ACTGG...C...G.....A.....
M. canadense -----..T.....A.T...TAG.....T---C...CGA...C.....ACTGG...C...G.....A.....