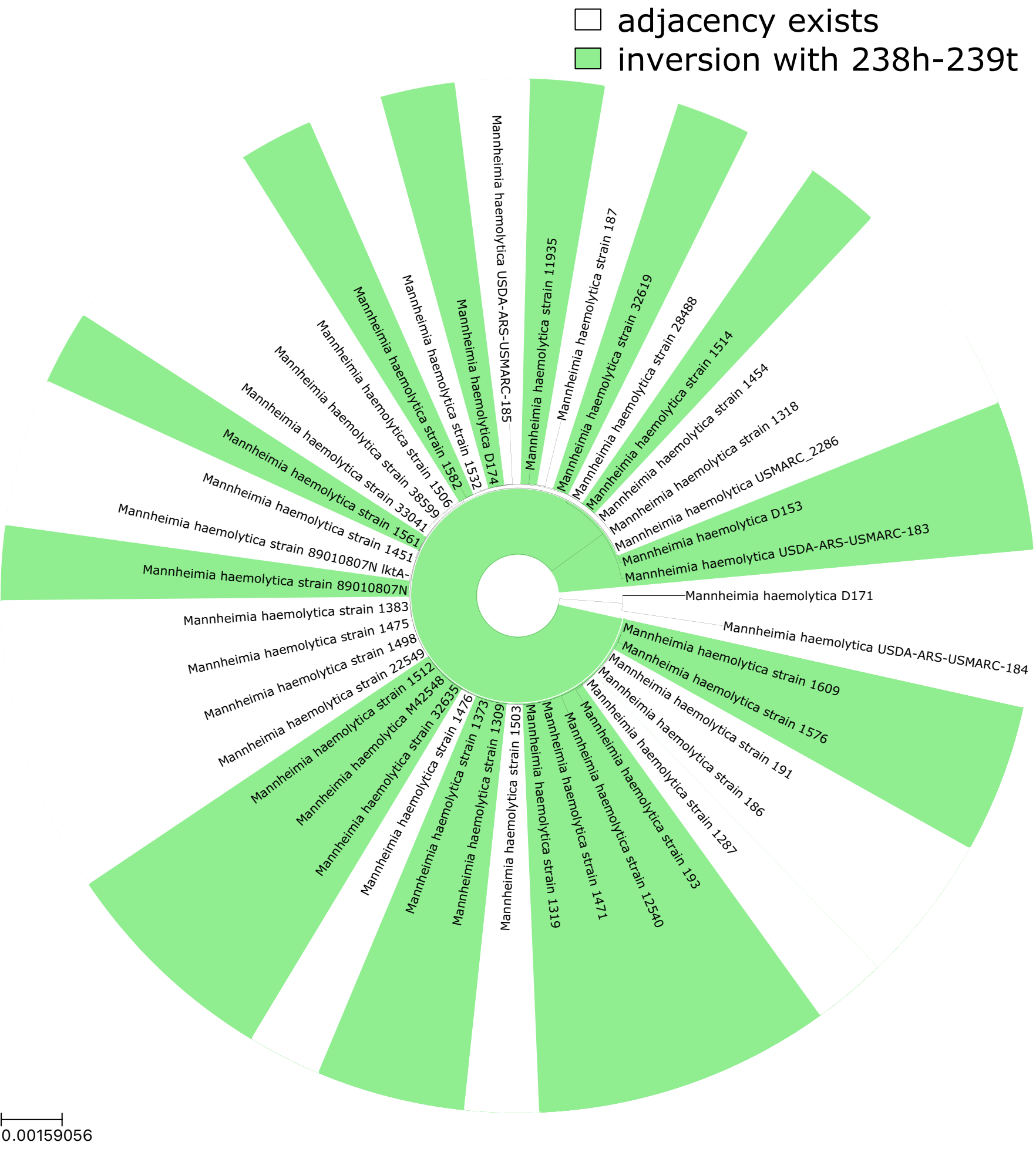
adjacency exists
inversion with 238h-239t
Mannheimia haemolytica USDA-ARS-USMARC-185
Mannheimia haemolytica strain 11935
Mannheimia haemolytica strain 187
Mannheimia haemolytica strain 32619
Mannheimia haemolytica strain 28488
Mannheimia haemolytica strain 1514
Mannheimia haemolytica strain 1454
Mannheimia haemolytica strain 1318
Mannheimia haemolytica USMARC_2286
Mannheimia haemolytica D153
Mannheimia haemolytica USDA-ARS-USMARC-183
Mannheimia haemolytica D171
Mannheimia haemolytica USDA-ARS-USMARC-184
Mannheimia haemolytica strain 1609
Mannheimia haemolytica strain 1576
Mannheimia haemolytica strain 191
Mannheimia haemolytica strain 186
Mannheimia haemolytica strain 1287
Mannheimia haemolytica strain 193
Mannheimia haemolytica strain 12540
Mannheimia haemolytica strain 1471
Mannheimia haemolytica strain 1319
Mannheimia haemolytica strain 1503
Mannheimia haemolytica strain 1309
Mannheimia haemolytica strain 1373
Mannheimia haemolytica strain 1476
Mannheimia haemolytica strain 32635
Mannheimia haemolytica strain 42548
Mannheimia haemolytica strain 1512
Mannheimia haemolytica strain 22549
Mannheimia haemolytica strain 1498
Mannheimia haemolytica strain 1475
Mannheimia haemolytica strain 1383
Mannheimia haemolytica strain 89010807N
Mannheimia haemolytica strain 89010807N lktA-
Mannheimia haemolytica strain 1451
Mannheimia haemolytica strain 1561
Mannheimia haemolytica strain 33041
Mannheimia haemolytica strain 38599
Mannheimia haemolytica strain 1506
Mannheimia haemolytica strain 1582
Mannheimia haemolytica strain 1532
Mannheimia haemolytica D174
0.00159056