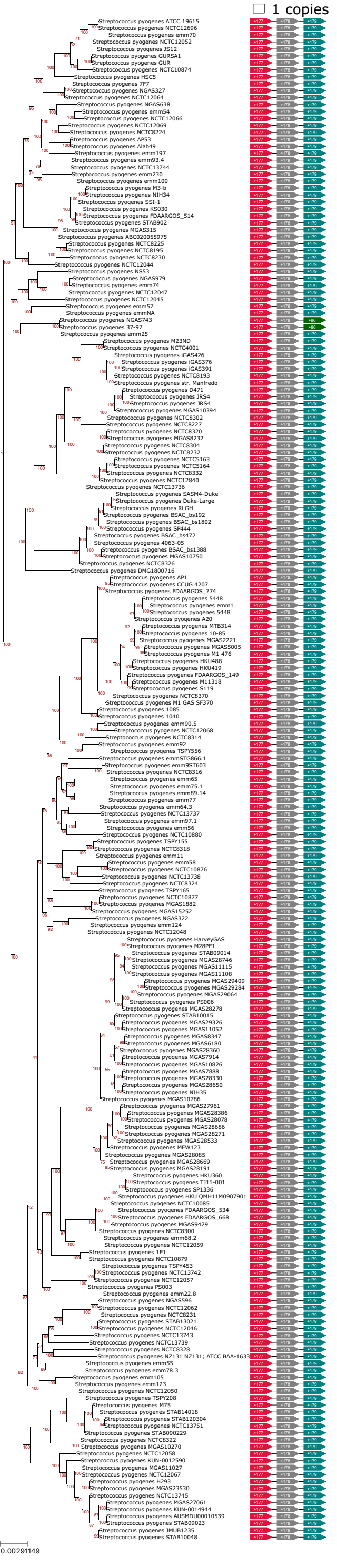
1 copies
Streptococcus pygenes ATCC 19615
Streptococcus pygenes NCTC12696
Streptococcus pygenes emm70
Streptococcus pygenes NCTC12052
Streptococcus pygenes JS12
Streptococcus pygenes GURSA1
Streptococcus pygenes GUR
Streptococcus pygenes NCTC10874
Streptococcus pygenes HSC5
Streptococcus pygenes 7F7
Streptococcus pygenes NGAS327
Streptococcus pygenes NCTC12064
Streptococcus pygenes NGAS638
Streptococcus pygenes emm54
Streptococcus pygenes NCTC12066
Streptococcus pygenes NCTC12069
Streptococcus pygenes NCTC8224
Streptococcus pygenes AP53
Streptococcus pygenes Alab49
Streptococcus pygenes emm197
Streptococcus pygenes emm93.4
Streptococcus pygenes NCTC13744
Streptococcus pygenes emm230
Streptococcus pygenes emm100
Streptococcus pygenes M3-b
Streptococcus pygenes NIH34
Streptococcus pygenes SSI-1
Streptococcus pygenes KS030
Streptococcus pygenes FDAARGOS_514
Streptococcus pygenes STAB902
Streptococcus pygenes MGAS315
Streptococcus pygenes ABC020055975
Streptococcus pygenes NCTC8225
Streptococcus pygenes NCTC8195
Streptococcus pygenes NCTC8230
Streptococcus pygenes NCTC12044
Streptococcus pygenes NS53
Streptococcus pygenes NGAS979
Streptococcus pygenes emm74
Streptococcus pygenes NCTC12047
Streptococcus pygenes NCTC12045
Streptococcus pygenes emm57
Streptococcus pygenes emmNA
Streptococcus pygenes NGAS743
Streptococcus pygenes 37-97
Streptococcus pygenes emm25
Streptococcus pygenes M23ND
Streptococcus pygenes NCTC4001
Streptococcus pygenes iGAS426
Streptococcus pygenes iGAS376
Streptococcus pygenes iGAS391
Streptococcus pygenes NCTC8193
Streptococcus pygenes str. Manfredo
Streptococcus pygenes D471
Streptococcus pygenes JRS4
Streptococcus pygenes JRS4
Streptococcus pygenes MGAS10394
Streptococcus pygenes NCTC8302
Streptococcus pygenes NCTC8227
Streptococcus pygenes NCTC8320
Streptococcus pygenes MGAS8232
Streptococcus pygenes NCTC8304
Streptococcus pygenes NCTC8232
Streptococcus pygenes NCTC5163
Streptococcus pygenes NCTC5164
Streptococcus pygenes NCTC8332
Streptococcus pygenes NCTC12840
Streptococcus pygenes NCTC13736
Streptococcus pygenes SASM4-Duke
Streptococcus pygenes Duke-Large
Streptococcus pygenes RLGH
Streptococcus pygenes BSAC_bs192
Streptococcus pygenes BSAC_bs1802
Streptococcus pygenes SP444
Streptococcus pygenes BSAC_bs472
Streptococcus pygenes 4063-05
Streptococcus pygenes BSAC_bs1388
Streptococcus pygenes MGAS10750
Streptococcus pygenes NCTC8326
Streptococcus pygenes DMG1800716
Streptococcus pygenes AP1
Streptococcus pygenes CCUG 4207
Streptococcus pygenes FDAARGOS_774
Streptococcus pygenes 5448
Streptococcus pygenes emm1
Streptococcus pygenes 5448
Streptococcus pygenes A20
Streptococcus pygenes MTB314
Streptococcus pygenes 10-85
Streptococcus pygenes MGAS2221
Streptococcus pygenes MGAS5005
Streptococcus pygenes M1 476
Streptococcus pygenes HKU488
Streptococcus pygenes HKU419
Streptococcus pygenes FDAARGOS_149
Streptococcus pygenes M11318
Streptococcus pygenes S119
Streptococcus pygenes NCTC8370
Streptococcus pygenes M1 GAS SF370
Streptococcus pygenes 1085
Streptococcus pygenes 1040
Streptococcus pygenes emm90.5
Streptococcus pygenes NCTC12068
Streptococcus pygenes NCTC8314
Streptococcus pygenes emm92
Streptococcus pygenes TSPY556
Streptococcus pygenes emmSTG866.1
Streptococcus pygenes emm9ST603
Streptococcus pygenes NCTC8316
Streptococcus pygenes emm65
Streptococcus pygenes emm75.1
Streptococcus pygenes emm89.14
Streptococcus pygenes emm77
Streptococcus pygenes emm64.3
Streptococcus pygenes NCTC13737
Streptococcus pygenes emm97.1
Streptococcus pygenes emm56
Streptococcus pygenes NCTC10880
Streptococcus pygenes TSPY155
Streptococcus pygenes NCTC8318
Streptococcus pygenes emm11
Streptococcus pygenes emm58
Streptococcus pygenes NCTC10876
Streptococcus pygenes NCTC13738
Streptococcus pygenes NCTC8324
Streptococcus pygenes TSPY165
Streptococcus pygenes NCTC10877
Streptococcus pygenes MGAS1882
Streptococcus pygenes MGAS15252
Streptococcus pygenes NGAS322
Streptococcus pygenes emm124
Streptococcus pygenes NCTC12048
Streptococcus pygenes HarveyGAS
Streptococcus pygenes M28PF1
Streptococcus pygenes STAB09014
Streptococcus pygenes MGAS28746
Streptococcus pygenes MGAS11115
Streptococcus pygenes MGAS11108
Streptococcus pygenes MGAS29409
Streptococcus pygenes MGAS29284
Streptococcus pygenes MGAS29064
Streptococcus pygenes PS006
Streptococcus pygenes MGAS28278
Streptococcus pygenes STAB10015
Streptococcus pygenes MGAS29326
Streptococcus pygenes MGAS11052
Streptococcus pygenes MGAS8347
Streptococcus pygenes MGAS6180
Streptococcus pygenes MGAS28360
Streptococcus pygenes MGAS7914
Streptococcus pygenes MGAS10826
Streptococcus pygenes MGAS7888
Streptococcus pygenes MGAS28330
Streptococcus pygenes MGAS28650
Streptococcus pygenes NIH35
Streptococcus pygenes MGAS10786
Streptococcus pygenes MGAS27961
Streptococcus pygenes MGAS28386
Streptococcus pygenes MGAS28078
Streptococcus pygenes MGAS28686
Streptococcus pygenes MGAS28271
Streptococcus pygenes MGAS28533
Streptococcus pygenes MEW123
Streptococcus pygenes MGAS28085
Streptococcus pygenes MGAS28669
Streptococcus pygenes MGAS28191
Streptococcus pygenes HKU360
Streptococcus pygenes TJ11-001
Streptococcus pygenes SP1336
Streptococcus pygenes HKU QMH11M0907901
Streptococcus pygenes NCTC10085
Streptococcus pygenes FDAARGOS_534
Streptococcus pygenes FDAARGOS_668
Streptococcus pygenes MGAS9429
Streptococcus pygenes NCTC8300
Streptococcus pygenes emm68.2
Streptococcus pygenes NCTC12059
Streptococcus pygenes 1E1
Streptococcus pygenes NCTC10879
Streptococcus pygenes TSPY453
Streptococcus pygenes NCTC13742
Streptococcus pygenes NCTC12057
Streptococcus pygenes PS003
Streptococcus pygenes emm22.8
Streptococcus pygenes NGAS596
Streptococcus pygenes NCTC12062
Streptococcus pygenes NCTC8231
Streptococcus pygenes STAB13021
Streptococcus pygenes NCTC12046
Streptococcus pygenes NCTC13743
Streptococcus pygenes NCTC13739
Streptococcus pygenes NCTC8328
Streptococcus pygenes NZ131 NZ131; ATCC BAA-1633
Streptococcus pygenes emm55
Streptococcus pygenes emm78.3
Streptococcus pygenes emm105
Streptococcus pygenes emm123
Streptococcus pygenes NCTC12050
Streptococcus pygenes TSPY208
Streptococcus pygenes M75
Streptococcus pygenes STAB14018
Streptococcus pygenes STAB120304
Streptococcus pygenes NCTC13751
Streptococcus pygenes STAB090229
Streptococcus pygenes NCTC8322
Streptococcus pygenes MGAS10270
Streptococcus pygenes NCTC12058
Streptococcus pygenes KUN-0012590
Streptococcus pygenes MGAS11027
Streptococcus pygenes NCTC12067
Streptococcus pygenes H293
Streptococcus pygenes MGAS23530
Streptococcus pygenes NCTC13745
Streptococcus pygenes MGAS27061
Streptococcus pygenes KUN-0014944
Streptococcus pygenes AUSMDU00010539
Streptococcus pygenes STAB09023
Streptococcus pygenes JMUB1235
Streptococcus pygenes STAB10048
+177
+178
+179
+86
0.00291149