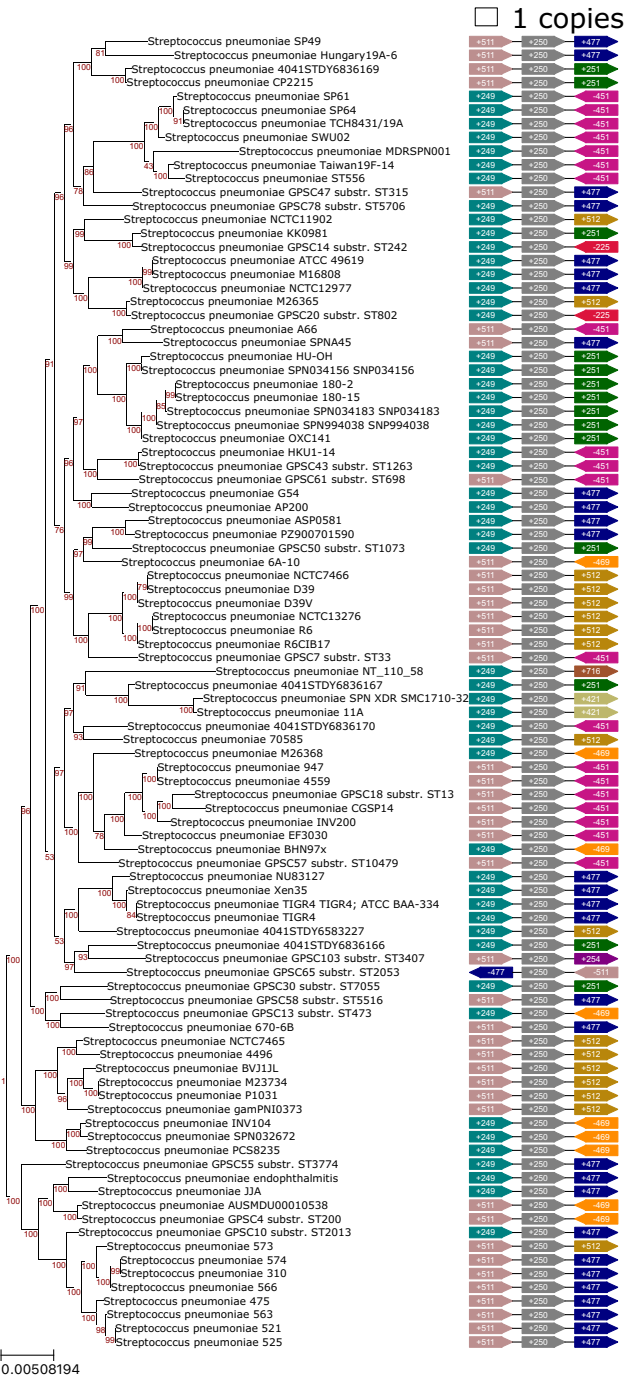
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Streptococcus pneumoniae SP49 +511 +250 +477
Streptococcus pneumoniae Hungary19A-6 +511 +250 +477
Streptococcus pneumoniae 4041STDY6836169 +511 +250 +251
Streptococcus pneumoniae CP2215 +511 +250 +251
Streptococcus pneumoniae SP61 +249 +250 -451
Streptococcus pneumoniae SP64 +249 +250 -451
Streptococcus pneumoniae TCH8431/19A +249 +250 -451
Streptococcus pneumoniae SWU02 +249 +250 -451
Streptococcus pneumoniae MDRSPN001 +249 +250 -451
Streptococcus pneumoniae Taiwan19F-14 +249 +250 -451
Streptococcus pneumoniae ST556 +249 +250 -451
Streptococcus pneumoniae GPSC47 substr. ST315 +511 +250 +477
Streptococcus pneumoniae GPSC78 substr. ST5706 +249 +250 +477
Streptococcus pneumoniae NCTC11902 +249 +250 +512
Streptococcus pneumoniae KK0981 +249 +250 +251
Streptococcus pneumoniae GPSC14 substr. ST242 +249 +250 -225
Streptococcus pneumoniae ATCC 49619 +249 +250 +477
Streptococcus pneumoniae M16808 +249 +250 +477
Streptococcus pneumoniae NCTC12977 +249 +250 +477
Streptococcus pneumoniae M26365 +249 +250 +512
Streptococcus pneumoniae GPSC20 substr. ST802 +249 +250 -225
Streptococcus pneumoniae A66 +511 +250 -451
Streptococcus pneumoniae SPNA45 +511 +250 +477
Streptococcus pneumoniae HU-OH +249 +250 +251
Streptococcus pneumoniae SPN034156 SNP034156 +249 +250 +251
Streptococcus pneumoniae 180-2 +249 +250 +251
Streptococcus pneumoniae 180-15 +249 +250 +251
Streptococcus pneumoniae SPN034183 SNP034183 +249 +250 +251
Streptococcus pneumoniae SPN994038 SNP994038 +249 +250 +251
Streptococcus pneumoniae OXC141 +249 +250 +251
Streptococcus pneumoniae HKU1-14 +249 +250 -451
Streptococcus pneumoniae GPSC43 substr. ST1263 +249 +250 -451
Streptococcus pneumoniae GPSC61 substr. ST698 +511 +250 -451
Streptococcus pneumoniae G54 +249 +250 +477
Streptococcus pneumoniae AP200 +249 +250 +477
Streptococcus pneumoniae ASP0581 +249 +250 +477
Streptococcus pneumoniae PZ900701590 +249 +250 +477
Streptococcus pneumoniae GPSC50 substr. ST1073 +249 +250 +251
Streptococcus pneumoniae 6A-10 +511 +250 -469
Streptococcus pneumoniae NCTC7466 +511 +250 +512
Streptococcus pneumoniae D39 +511 +250 +512
Streptococcus pneumoniae D39V +511 +250 +512
Streptococcus pneumoniae NCTC13276 +511 +250 +512
Streptococcus pneumoniae R6 +511 +250 +512
Streptococcus pneumoniae R6CIB17 +511 +250 +512
Streptococcus pneumoniae GPSC7 substr. ST33 +511 +250 -451
Streptococcus pneumoniae NT_110_58 +249 +250 +716
Streptococcus pneumoniae 4041STDY6836167 +249 +250 +251
Streptococcus pneumoniae SPN XDR SMC1710-32 +249 +250 +421
Streptococcus pneumoniae 11A +249 +250 +421
Streptococcus pneumoniae 4041STDY6836170 +249 +250 -451
Streptococcus pneumoniae 70585 +249 +250 +512
Streptococcus pneumoniae M26368 +249 +250 -469
Streptococcus pneumoniae 947 +511 +250 -451
Streptococcus pneumoniae 4559 +511 +250 -451
Streptococcus pneumoniae GPSC18 substr. ST13 +511 +250 -451
Streptococcus pneumoniae CGSP14 +511 +250 -451
Streptococcus pneumoniae INV200 +511 +250 -451
Streptococcus pneumoniae EF3030 +511 +250 -451
Streptococcus pneumoniae BHN97x +249 +250 -469
Streptococcus pneumoniae GPSC57 substr. ST10479 +511 +250 -451
Streptococcus pneumoniae NU83127 +249 +250 +477
Streptococcus pneumoniae Xen35 +249 +250 +477
Streptococcus pneumoniae TIGR4 TIGR4; ATCC BAA-334 +249 +250 +477
Streptococcus pneumoniae TIGR4 +249 +250 +477
Streptococcus pneumoniae 4041STDY6583227 +249 +250 +512
Streptococcus pneumoniae 4041STDY6836166 +249 +250 +251
Streptococcus pneumoniae GPSC103 substr. ST3407 +511 +250 +254
Streptococcus pneumoniae GPSC65 substr. ST2053 -477 +250 -511
Streptococcus pneumoniae GPSC30 substr. ST7055 +249 +250 +251
Streptococcus pneumoniae GPSC58 substr. ST5516 +511 +250 +477
Streptococcus pneumoniae GPSC13 substr. ST473 +249 +250 -469
Streptococcus pneumoniae 670-6B +511 +250 +477
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Streptococcus pneumoniae BVJ1JL +511 +250 +512
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Streptococcus pneumoniae PCS8235 +249 +250 -469
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Streptococcus pneumoniae endophthalmitis +249 +250 +477
Streptococcus pneumoniae JJA +249 +250 +477
Streptococcus pneumoniae AUSMDU00010538 +511 +250 -469
Streptococcus pneumoniae GPSC4 substr. ST200 +511 +250 -469
Streptococcus pneumoniae GPSC10 substr. ST2013 +249 +250 +477
Streptococcus pneumoniae 573 +511 +250 +512
Streptococcus pneumoniae 574 +511 +250 +477
Streptococcus pneumoniae 310 +511 +250 +477
Streptococcus pneumoniae 566 +511 +250 +477
Streptococcus pneumoniae 475 +511 +250 +477
Streptococcus pneumoniae 563 +511 +250 +477
Streptococcus pneumoniae 521 +511 +250 +477
Streptococcus pneumoniae 525 +511 +250 +477
0.00508194