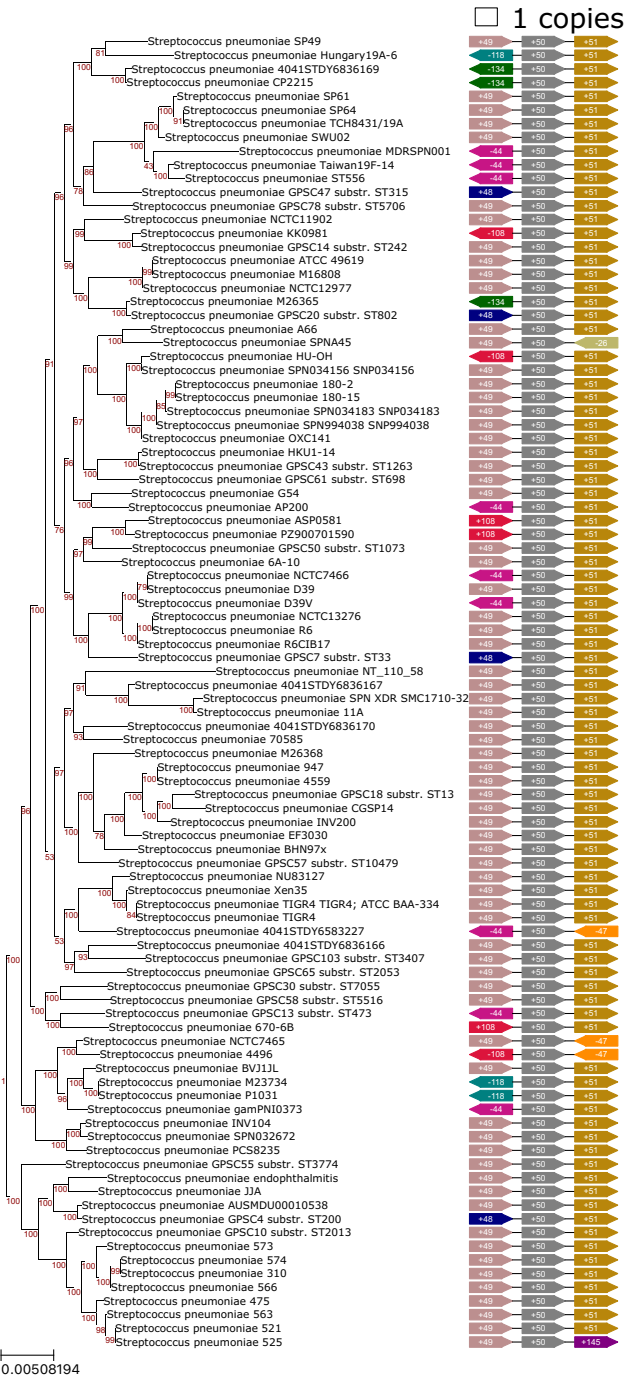
1 copies
Streptococcus pneumoniae SP49 +49 +50 +51
Streptococcus pneumoniae Hungary19A-6 -118 +50 +51
Streptococcus pneumoniae 4041STDY6836169 -134 +50 +51
Streptococcus pneumoniae CP2215 -134 +50 +51
Streptococcus pneumoniae SP61 +49 +50 +51
Streptococcus pneumoniae SP64 +49 +50 +51
Streptococcus pneumoniae TCH8431/19A +49 +50 +51
Streptococcus pneumoniae SWU02 +49 +50 +51
Streptococcus pneumoniae MDRSPN001 -44 +50 +51
Streptococcus pneumoniae Taiwan19F-14 -44 +50 +51
Streptococcus pneumoniae ST556 -44 +50 +51
Streptococcus pneumoniae GPSC47 substr. ST315 +48 +50 +51
Streptococcus pneumoniae GPSC78 substr. ST5706 +49 +50 +51
Streptococcus pneumoniae NCTC11902 +49 +50 +51
Streptococcus pneumoniae KK0981 -108 +50 +51
Streptococcus pneumoniae GPSC14 substr. ST242 +49 +50 +51
Streptococcus pneumoniae ATCC 49619 +49 +50 +51
Streptococcus pneumoniae M16808 +49 +50 +51
Streptococcus pneumoniae NCTC12977 +49 +50 +51
Streptococcus pneumoniae M26365 -134 +50 +51
Streptococcus pneumoniae GPSC20 substr. ST802 +48 +50 +51
Streptococcus pneumoniae A66 +49 +50 +51
Streptococcus pneumoniae SPNA45 +49 +50 -26
Streptococcus pneumoniae HU-OH -108 +50 +51
Streptococcus pneumoniae SPN034156 SNP034156 +49 +50 +51
Streptococcus pneumoniae 180-2 +49 +50 +51
Streptococcus pneumoniae 180-15 +49 +50 +51
Streptococcus pneumoniae SPN034183 SNP034183 +49 +50 +51
Streptococcus pneumoniae SPN994038 SNP994038 +49 +50 +51
Streptococcus pneumoniae OXC141 +49 +50 +51
Streptococcus pneumoniae HKU1-14 +49 +50 +51
Streptococcus pneumoniae GPSC43 substr. ST1263 +49 +50 +51
Streptococcus pneumoniae GPSC61 substr. ST698 +49 +50 +51
Streptococcus pneumoniae G54 +49 +50 +51
Streptococcus pneumoniae AP200 -44 +50 +51
Streptococcus pneumoniae ASP0581 +108 +50 +51
Streptococcus pneumoniae PZ900701590 +108 +50 +51
Streptococcus pneumoniae GPSC50 substr. ST1073 +49 +50 +51
Streptococcus pneumoniae 6A-10 +49 +50 +51
Streptococcus pneumoniae NCTC7466 -44 +50 +51
Streptococcus pneumoniae D39 +49 +50 +51
Streptococcus pneumoniae D39V -44 +50 +51
Streptococcus pneumoniae NCTC13276 +49 +50 +51
Streptococcus pneumoniae R6 +49 +50 +51
Streptococcus pneumoniae R6CIB17 +49 +50 +51
Streptococcus pneumoniae GPSC7 substr. ST33 +48 +50 +51
Streptococcus pneumoniae NT_110_58 +49 +50 +51
Streptococcus pneumoniae 4041STDY6836167 +49 +50 +51
Streptococcus pneumoniae SPN XDR SMC1710-32 +49 +50 +51
Streptococcus pneumoniae 11A +49 +50 +51
Streptococcus pneumoniae 4041STDY6836170 +49 +50 +51
Streptococcus pneumoniae 70585 +49 +50 +51
Streptococcus pneumoniae M26368 +49 +50 +51
Streptococcus pneumoniae 947 +49 +50 +51
Streptococcus pneumoniae 4559 +49 +50 +51
Streptococcus pneumoniae GPSC18 substr. ST13 +49 +50 +51
Streptococcus pneumoniae CGSP14 +49 +50 +51
Streptococcus pneumoniae INV200 +49 +50 +51
Streptococcus pneumoniae EF3030 +49 +50 +51
Streptococcus pneumoniae BHN97x +49 +50 +51
Streptococcus pneumoniae GPSC57 substr. ST10479 +49 +50 +51
Streptococcus pneumoniae NU83127 +49 +50 +51
Streptococcus pneumoniae Xen35 +49 +50 +51
Streptococcus pneumoniae TIGR4 TIGR4; ATCC BAA-334 +49 +50 +51
Streptococcus pneumoniae TIGR4 +49 +50 +51
Streptococcus pneumoniae 4041STDY6583227 -44 +50 -47
Streptococcus pneumoniae 4041STDY6836166 +49 +50 +51
Streptococcus pneumoniae GPSC103 substr. ST3407 +49 +50 +51
Streptococcus pneumoniae GPSC65 substr. ST2053 +49 +50 +51
Streptococcus pneumoniae GPSC30 substr. ST7055 +49 +50 +51
Streptococcus pneumoniae GPSC58 substr. ST5516 +49 +50 +51
Streptococcus pneumoniae GPSC13 substr. ST473 -44 +50 +51
Streptococcus pneumoniae 670-6B +108 +50 +51
Streptococcus pneumoniae NCTC7465 +49 +50 -47
Streptococcus pneumoniae 4496 -108 +50 -47
Streptococcus pneumoniae BVJ1JL +49 +50 +51
Streptococcus pneumoniae M23734 -118 +50 +51
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Streptococcus pneumoniae gamPNI0373 -44 +50 +51
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Streptococcus pneumoniae endophthalmitis +49 +50 +51
Streptococcus pneumoniae JJA +49 +50 +51
Streptococcus pneumoniae AUSMDU00010538 +49 +50 +51
Streptococcus pneumoniae GPSC4 substr. ST200 +48 +50 +51
Streptococcus pneumoniae GPSC10 substr. ST2013 +49 +50 +51
Streptococcus pneumoniae 573 +49 +50 +51
Streptococcus pneumoniae 574 +49 +50 +51
Streptococcus pneumoniae 310 +49 +50 +51
Streptococcus pneumoniae 566 +49 +50 +51
Streptococcus pneumoniae 475 +49 +50 +51
Streptococcus pneumoniae 563 +49 +50 +51
Streptococcus pneumoniae 521 +49 +50 +51
Streptococcus pneumoniae 525 +49 +50 +145
0.00508194