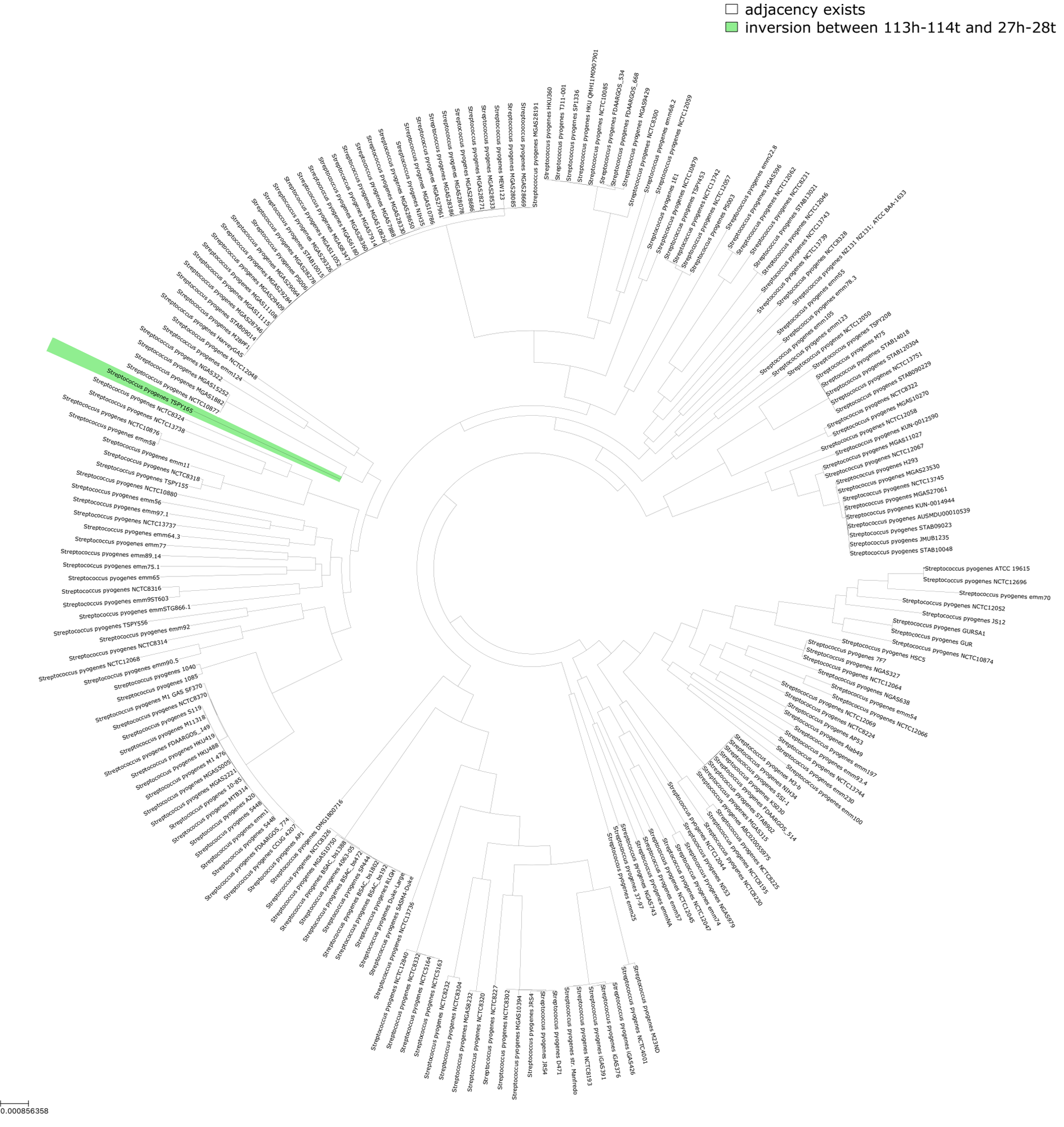
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inversion between 113h-114t and 27h-28t
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Streptococcus pyogenes SP1336
Streptococcus pyogenes HKU QMH11M0907901
Streptococcus pyogenes NCTC10085
Streptococcus pyogenes FDAARGOS_534
Streptococcus pyogenes FDAARGOS_668
Streptococcus pyogenes MGAS9429
Streptococcus pyogenes NCTC8300
Streptococcus pyogenes emm68.2
Streptococcus pyogenes NCTC12059
Streptococcus pyogenes 1E1
Streptococcus pyogenes NCTC10879
Streptococcus pyogenes TSPY453
Streptococcus pyogenes NCTC13742
Streptococcus pyogenes NCTC12057
Streptococcus pyogenes PSI003
Streptococcus pyogenes emm22.8
Streptococcus pyogenes NGAS596
Streptococcus pyogenes NCTC12062
Streptococcus pyogenes NCTC8231
Streptococcus pyogenes STAB13021
Streptococcus pyogenes NCTC12046
Streptococcus pyogenes NCTC13743
Streptococcus pyogenes NCTC13739
Streptococcus pyogenes NCTC8328
Streptococcus pyogenes NZ131 NZ131; ATCC BAA-1633
Streptococcus pyogenes emm55
Streptococcus pyogenes emm78.3
Streptococcus pyogenes emm.105
Streptococcus pyogenes emm123
Streptococcus pyogenes NCTC12050
Streptococcus pyogenes TSPY208
Streptococcus pyogenes M75
Streptococcus pyogenes STAB14018
Streptococcus pyogenes STAB120304
Streptococcus pyogenes NCTC13751
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Streptococcus pyogenes STAB09023
Streptococcus pyogenes JMUB1235
Streptococcus pyogenes STAB10048
Streptococcus pyogenes ATCC 19615
Streptococcus pyogenes NCTC12696
Streptococcus pyogenes emm70
Streptococcus pyogenes NCTC12052
Streptococcus pyogenes JS12
Streptococcus pyogenes GURSA1
Streptococcus pyogenes GUR
Streptococcus pyogenes NCTC10874
Streptococcus pyogenes HSC5
Streptococcus pyogenes 7F7
Streptococcus pyogenes NGAS327
Streptococcus pyogenes NCTC12064
Streptococcus pyogenes NGAS638
Streptococcus pyogenes emm54
Streptococcus pyogenes NCTC12066
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Streptococcus pyogenes NCTC8224
Streptococcus pyogenes AP53
Streptococcus pyogenes Alab49
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Streptococcus pyogenes emm230
Streptococcus pyogenes emm100
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Streptococcus pyogenes NIH34
Streptococcus pyogenes SSI-1
Streptococcus pyogenes ISO30
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Streptococcus pyogenes emm57
Streptococcus pyogenes emmNA
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Streptococcus pyogenes 37-97
Streptococcus pyogenes emm25
Streptococcus pyogenes M23ND
Streptococcus pyogenes NCTC4001
Streptococcus pyogenes IGAS426
Streptococcus pyogenes IGAS376
Streptococcus pyogenes IGAS391
Streptococcus pyogenes NCTC8193
Streptococcus pyogenes str. Manfredo
Streptococcus pyogenes D471
Streptococcus pyogenes JRS4
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Streptococcus pyogenes MGAS10394
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Streptococcus pyogenes NCTC8227
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Streptococcus pyogenes Duke-Large
Streptococcus pyogenes RL9H
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Streptococcus pyogenes SP444
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Streptococcus pyogenes FDAARGOS_774
Streptococcus pyogenes 5448
Streptococcus pyogenes emm1
Streptococcus pyogenes A20
Streptococcus pyogenes MTB314
Streptococcus pyogenes 10-85
Streptococcus pyogenes MGAS2221
Streptococcus pyogenes MGAS5005
Streptococcus pyogenes M1 476
Streptococcus pyogenes HKU488
Streptococcus pyogenes HKU419
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Streptococcus pyogenes M11318
Streptococcus pyogenes S119
Streptococcus pyogenes NCTC8370
Streptococcus pyogenes M1 GAS SF370
Streptococcus pyogenes 1085
Streptococcus pyogenes 1040
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Streptococcus pyogenes NCTC8314
Streptococcus pyogenes emm92
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Streptococcus pyogenes NGAS322
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Streptococcus pyogenes MGAS11115
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Streptococcus pyogenes MGAS28085
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