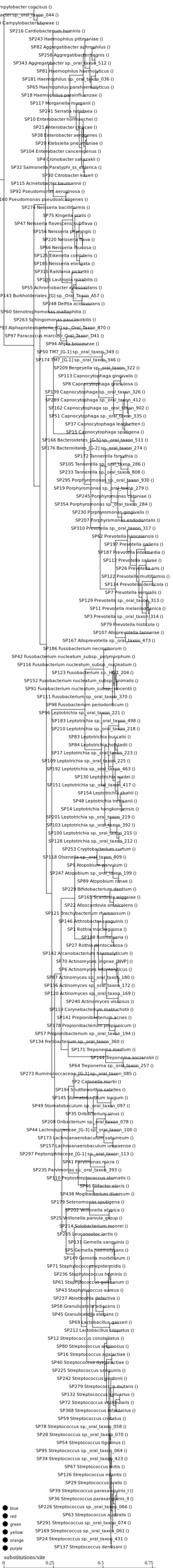
mpylobacter concisus ()
acter sp._oral_taxon_044 ()
Campylobacter showae ()
SP216 Cardiobacterium hominis ()
SP243 Haemophilus pittmaniae ()
SP82 Aggregatibacter aphrophilus ()
SP258 Aggregatibacter segnis ()
SP343 Aggregatibacter sp._oral_taxon_512 ()
SP81 Haemophilus haemolyticus ()
SP181 Haemophilus sp._oral_taxon_036 ()
SP65 Haemophilus parahaemolyticus ()
SP18 Haemophilus parainfluenzae ()
SP117 Morganella morganii ()
SP241 Serratia rubidaea ()
SP10 Enterobacter hormaechei ()
SP21 Enterobacter cloacae ()
SP38 Enterobacter aerogenes ()
SP20 Klebsiella pneumoniae ()
SP104 Enterobacter cancerogenus ()
SP4 Cronobacter sakazakii ()
SP32 Salmonella Paratyphi_ss_enterica ()
SP30 Citrobacter koseri ()
SP115 Acinetobacter baumannii ()
SP92 Pseudomonas aeruginosa ()
160 Pseudomonas pseudoalcaligenes ()
SP274 Neisseria bacilliformis ()
SP75 Kingella oralis ()
SP47 Neisseria flavescens|subflava ()
SP156 Neisseria pharyngis ()
SP220 Neisseria flava ()
SP66 Neisseria mucosa ()
SP125 Eikenella corrodens ()
SP185 Neisseria elongata ()
SP315 Ralstonia pickettii ()
SP106 Lautropia mirabilis ()
SP55 Achromobacter xylosoxidans ()
P143 Burkholderiales_[G] sp._Oral_Taxon_A57 ()
SP248 Delftia acidovorans ()
SP60 Stenotrophomonas maltophilia ()
SP263 Sphingomonas paucimobilis ()
P93 Alphaproteobacteria_[G] sp._Oral_Taxon_B70 ()
SP97 Paracoccus marcusii_Oral_Taxon_D41 ()
SP94 Afipia broomeae ()
SP50 TM7_[G-1] sp._oral_taxon_349 ()
SP174 TM7_[G-1] sp._oral_taxon_346 ()
SP209 Bergeyella sp._oral_taxon_322 ()
SP113 Capnocytophaga gingivalis ()
SP8 Capnocytophaga granulosa ()
SP139 Capnocytophaga sp._oral_taxon_326 ()
SP289 Capnocytophaga sp._oral_taxon_412 ()
SP162 Capnocytophaga sp._oral_taxon_902 ()
SP51 Capnocytophaga sp._oral_taxon_335 ()
SP37 Capnocytophaga leadbetteri ()
SP15 Capnocytophaga sputigena ()
SP166 Bacteroidetes_[G-5] sp._oral_taxon_511 ()
SP176 Bacteroidales_[G-2] sp._oral_taxon_274 ()
SP172 Tannerella forsythia ()
SP105 Tannerella sp._oral_taxon_286 ()
SP233 Tannerella sp._oral_taxon_808 ()
SP295 Porphyromonas sp._oral_taxon_930 ()
SP19 Porphyromonas sp._oral_taxon_279 ()
SP245 Porphyromonas catoniae ()
SP354 Porphyromonas sp._oral_taxon_284 ()
SP230 Porphyromonas gingivalis ()
SP207 Porphyromonas endodontalis ()
SP310 Prevotella sp._oral_taxon_317 ()
SP62 Prevotella nanceiensis ()
SP197 Prevotella pallens ()
SP187 Prevotella intermedia ()
SP112 Prevotella salivae ()
SP26 Prevotella oris ()
SP122 Prevotella multiformis ()
SP114 Prevotella denticola ()
SP7 Prevotella veroralis ()
SP129 Prevotella sp._oral_taxon_313 ()
SP11 Prevotella melaninogenica ()
SP3 Prevotella sp._oral_taxon_314 ()
SP79 Prevotella histicola ()
SP107 Alloprevotella tannerae ()
SP167 Alloprevotella sp._oral_taxon_473 ()
SP186 Fusobacterium necrophorum ()
SP42 Fusobacterium nucleatum_subsp._polymorphum ()
SP116 Fusobacterium nucleatum_subsp._nucleatum ()
SP123 Fusobacterium sp._HOT_204 ()
SP152 Fusobacterium nucleatum_subsp._animalis ()
SP91 Fusobacterium nucleatum_subsp._vincentii ()
SP111 Fusobacterium sp._oral_taxon_370 ()
SP98 Fusobacterium periodonticum ()
SP96 Leptotrichia sp._oral_taxon_221 ()
SP183 Leptotrichia sp._oral_taxon_498 ()
SP210 Leptotrichia sp._oral_taxon_218 ()
SP83 Leptotrichia buccalis ()
SP84 Leptotrichia hofstadii ()
SP17 Leptotrichia sp._oral_taxon_223 ()
SP109 Leptotrichia sp._oral_taxon_225 ()
SP192 Leptotrichia sp._oral_taxon_463 ()
SP130 Leptotrichia wadei ()
SP151 Leptotrichia sp._oral_taxon_417 ()
SP154 Leptotrichia shahii ()
SP48 Leptotrichia trevisanii ()
SP14 Leptotrichia hongkongensis ()
SP201 Leptotrichia sp._oral_taxon_219 ()
SP103 Leptotrichia sp._oral_taxon_392 ()
SP100 Leptotrichia sp._oral_taxon_215 ()
SP128 Leptotrichia sp._oral_taxon_212 ()
SP253 Cryptobacterium curtum ()
SP118 Olsenella sp._oral_taxon_809 ()
SP9 Atopobium parvulum ()
SP247 Atopobium sp._oral_taxon_199 ()
SP89 Atopobium rimae ()
SP229 Bifidobacterium dentium ()
SP165 Scardovia wiggsiae ()
SP22 Alloscardovia omnicolens ()
SP121 Brachybacterium rhamnosum ()
SP146 Arthrobacter sanguinis ()
SP1 Rothia mucilaginosa ()
SP108 Rothia aeria ()
SP27 Rothia dentocariosa ()
SP142 Arcanobacterium haemolyticum ()
SP70 Actinomyces lingnae_[NVP] ()
SP6 Actinomyces odontolyticus ()
SP87 Actinomyces sp._oral_taxon_180 ()
SP136 Actinomyces sp._oral_taxon_172 ()
SP120 Actinomyces sp._oral_taxon_169 ()
SP240 Actinomyces viscosus ()
SP119 Corynebacterium matruchotii ()
SP141 Propionibacterium acnes ()
SP178 Propionibacterium propionicum ()
SP57 Propionibacterium sp._oral_taxon_194 ()
SP134 Fretibacterium sp._oral_taxon_360 ()
SP171 Treponema medium ()
SP144 Treponema socranskii ()
SP64 Treponema sp._oral_taxon_257 ()
SP273 Ruminococcaceae_[G-2] sp._oral_taxon_085 ()
SP2 Catonella morbi ()
SP194 Shuttleworthia satelles ()
SP145 Stomatobaculum longum ()
SP49 Stomatobaculum sp._oral_taxon_097 ()
SP35 Oribacterium sinus ()
SP208 Oribacterium sp._oral_taxon_078 ()
SP44 Lachnospiraceae_[G-3] sp._oral_taxon_100 ()
SP173 Lachnoanaerobaculum saburreum ()
SP157 Lachnoanaerobaculum umeaense ()
SP297 Peptoniphilaceae_[G-1] sp._oral_taxon_113 ()
SP41 Parvimonas micra ()
SP235 Parvimonas sp._oral_taxon_393 ()
SP110 Peptostreptococcus stomatis ()
SP46 Filifactor alocis ()
SP438 Mogibacterium diversum ()
SP179 Selenomonas sputigena ()
SP202 Veillonella atypica ()
SP25 Veillonella parvula_group ()
SP214 Solobacterium moorei ()
SP265 Leuconostoc lactis ()
SP131 Gemella sanguinis ()
SP5 Gemella haemolysans ()
SP149 Gemella morbillorum ()
SP71 Staphylococcus epidermidis ()
SP236 Staphylococcus hominis ()
SP61 Staphylococcus gallinarum ()
SP43 Staphylococcus aureus ()
SP237 Abiotrophia defectiva ()
SP58 Granulicatella adiacens ()
SP45 Granulicatella elegans ()
SP69 Lactobacillus gasseri ()
SP212 Lactobacillus crispatus ()
SP12 Streptococcus constellatus ()
SP80 Streptococcus anginosus ()
SP16 Streptococcus agalactiae ()
SP40 Streptococcus dysgalactiae ()
SP225 Streptococcus sanguinis ()
SP242 Streptococcus gordonii ()
SP279 Streptococcus mutans ()
SP132 Streptococcus salivarius ()
SP72 Streptococcus vestibularis ()
SP368 Streptococcus infantarius ()
SP59 Streptococcus cristatus ()
SP78 Streptococcus sp._oral_taxon_058 ()
SP28 Streptococcus sp._oral_taxon_070 ()
SP54 Streptococcus tigurinus ()
SP95 Streptococcus sp._oral_taxon_064 ()
SP34 Streptococcus sp._oral_taxon_423 ()
SP67 Streptococcus mitis ()
SP126 Streptococcus infantis ()
SP29 Streptococcus oralis ()
SP39 Streptococcus parasanguinis_I ()
SP36 Streptococcus parasanguinis_II ()
SP226 Streptococcus sp._oral_taxon_066 ()
SP63 Streptococcus australis ()
SP291 Streptococcus sp._oral_taxon_074 ()
SP169 Streptococcus sp._oral_taxon_061 ()
SP24 Streptococcus sp._oral_taxon_431 ()
SP137 Streptococcus dentisani ()
● blue
● red
● green
● yellow
● orange
● purple
substitutions/site
0
0.25
0.5
0.75