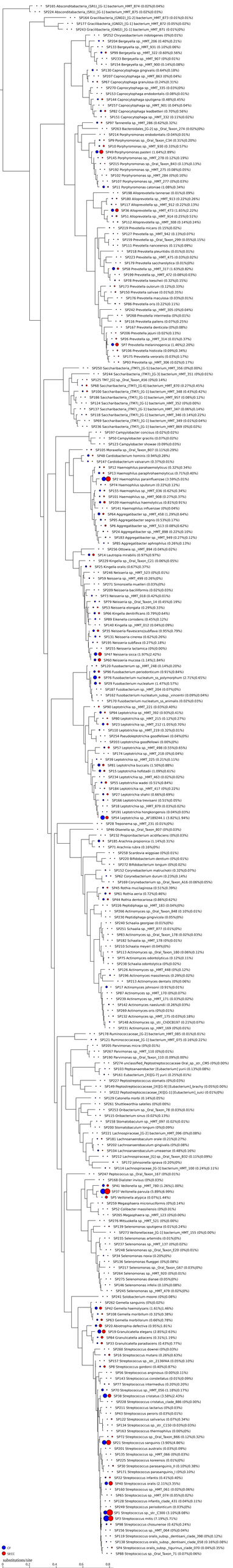
SP165 Abscondibacteria_(SR1)_[G-1] bacterium_HMT_874 (0.02%)0.04%)
SP224 Abscondibacteria_(SR1)_[G-1] bacterium_HMT_875 (0.02%)0.03%)
SP164 Gracilibacteria_(GN02)_[G-2] bacterium_HMT_873 (0.01%)0.01%)
SP177 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_872 (0.05%)0.02%)
SP243 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_871 (0.01%)0.0%)
SP252 Chryseobacterium indologenes (0%)0.01%)
SP204 Bergeyella sp._HMT_290 (0.02%)0.21%)
SP133 Bergeyella sp._HMT_931 (0.10%)0.06%)
SP99 Bergeyella sp._HMT_322 (0.60%)0.56%)
SP333 Bergeyella sp._HMT_907 (0%)0.01%)
SP154 Bergeyella sp._HMT_900 (0.14%)0.08%)
SP130 Capnocytophaga gingivalis (0.64%)0.18%)
SP207 Capnocytophaga sp._HMT_863 (0%)0.04%)
SP67 Capnocytophaga ochracea (0.44%)0.31%)
SP270 Capnocytophaga sp._HMT_335 (0.03%)0%)
SP153 Capnocytophaga endodontalis (0.08%)0.01%)
SP144 Capnocytophaga sputigena (0.48%)0.45%)
SP257 Capnocytophaga sp._HMT_901 (0.04%)0.04%)
SP82 Capnocytophaga leadbetteri (0.70%)0.56%)
SP151 Capnocytophaga sp._HMT_332 (0.11%)0.02%)
SP97 Tannerella sp._HMT_286 (0.62%)0.32%)
SP263 Bacteroidales_[G-2] sp._Oral_Taxon_274 (0.02%)0%)
SP214 Porphyromonas endodontalis (0.04%)0.01%)
SP9 Porphyromonas sp._Oral_Taxon_C34 (0.31%)0.20%)
SP10 Porphyromonas sp._HMT_930 (0.33%)0.57%)
SP49 Porphyromonas gingivalis (1.64%)2.88%)
SP145 Porphyromonas sp._HMT_278 (0.12%)0.19%)
SP215 Porphyromonas sp._Oral_Taxon_843 (0.13%)0.13%)
SP190 Porphyromonas sp._HMT_275 (0.08%)0.05%)
SP102 Porphyromonas sp._HMT_284 (0%)0.10%)
SP167 Porphyromonas sp._HMT_277 (0%)0.03%)
SP11 Porphyromonas catoniae (0.08%)0.34%)
SP198 Alloprevotella tannerae (0.01%)0.09%)
SP180 Alloprevotella sp._HMT_913 (0.22%)0.26%)
SP117 Alloprevotella sp._HMT_912 (0.22%)0.13%)
SP36 Alloprevotella sp._HMT_473 (1.65%)2.22%)
SP51 Alloprevotella sp._HMT_914 (0.25%)0.51%)
SP112 Alloprevotella sp._HMT_308 (0.14%)0.24%)
SP219 Prevotella micans (0.15%)0.02%)
SP127 Prevotella sp._HMT_942 (0.13%)0.07%)
SP159 Prevotella sp._Oral_Taxon_299 (0.05%)0.15%)
SP111 Prevotella melaninogenica (0.11%)0.09%)
SP218 Prevotella pleuritidis (0.01%)0.01%)
SP223 Prevotella sp._HMT_475 (0.03%)0.02%)
SP179 Prevotella saccharolytica (0.01%)0%)
SP58 Prevotella sp._HMT_317 (1.63%)0.82%)
SP199 Prevotella sp._HMT_472 (0.08%)0.03%)
SP78 Prevotella loescheii (0.32%)0.15%)
SP173 Prevotella oulorum (0.12%)0.33%)
SP50 Prevotella salivae (0.01%)0.35%)
SP176 Prevotella maculosa (0.03%)0.01%)
SP86 Prevotella oris (0.22%)0.11%)
SP242 Prevotella sp._HMT_305 (0%)0.04%)
SP268 Prevotella intermedia (0%)0.01%)
SP116 Prevotella pallens (0.07%)0.25%)
SP167 Prevotella denticola (0%)0.08%)
SP206 Prevotella jejuni (0.02%)0.13%)
SP76 Prevotella sp._HMT_314 (0.01%)0.37%)
SP7 Prevotella melaninogenica (1.46%)2.20%)
SP106 Prevotella histicola (0.09%)0.34%)
SP175 Prevotella veroralis (0.03%)0.17%)
SP93 Prevotella sp._HMT_306 (0.02%)0.17%)
SP250 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (0%)0.00%)
SP244 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_351 (0%)0.01%)
SP125 TM7_[G]_sp._Oral_Taxon_A56 (0%)0.14%)
SP68 Saccharibacteria_(TM7)_[G-4] bacterium_HMT_870 (0.27%)0.45%)
SP100 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0.43%)0.42%)
SP186 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0.08%)0.12%)
SP124 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_352 (0%)0.00%)
SP137 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0.06%)0.14%)
SP118 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0.14%)0.22%)
SP69 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0.01%)0.04%)
SP236 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0%)0.02%)
SP197 Campylobacter concisus (0.02%)0.02%)
SP50 Campylobacter gracilis (0.07%)0.02%)
SP123 Campylobacter showae (0.09%)0.03%)
SP105 Moraxella sp._Oral_Taxon_807 (0.11%)0.29%)
SP48 Cardiobacterium hominis (0.94%)0.28%)
SP147 Cardiobacterium valvarum (0.37%)0.01%)
SP12 Haemophilus parahaemolyticus (0.32%)0.34%)
SP13 Haemophilus paraphrohaemolyticus (0.71%)0.40%)
SP72 Haemophilus parainfluenzae (3.59%)5.01%)
SP74 Haemophilus sputorum (0.12%)0.12%)
SP155 Haemophilus sp._HMT_036 (0.62%)0.34%)
SP101 Haemophilus sp._HMT_908 (0.27%)0.37%)
SP109 Haemophilus haemolyticus (0.81%)0.91%)
SP141 Haemophilus influenzae (0%)0.04%)
SP64 Aggregatibacter sp._HMT_458 (1.29%)0.64%)
SP95 Aggregatibacter segnis (0.53%)0.17%)
SP6 Aggregatibacter sp._HMT_513 (0.08%)0.62%)
SP183 Aggregatibacter sp._HMT_898 (0.22%)0.10%)
SP183 Aggregatibacter sp._HMT_949 (0.27%)0.12%)
SP85 Aggregatibacter aphrophilus (0.26%)0.13%)
SP256 Ottowia sp._HMT_894 (0.04%)0.02%)
SP14 Lautropia mirabilis (0.97%)0.97%)
SP229 Kingella sp._Oral_Taxon_C21 (0.06%)0.05%)
SP25 Kingella oralis (0.67%)0.37%)
SP246 Neisseria sp._HMT_523 (0%)0.01%)
SP59 Neisseria sp._HMT_499 (0.26%)0%)
SP271 Simonsiella muelleri (0.03%)0%)
SP209 Neisseria bacilliformis (0.02%)0.03%)
SP73 Neisseria sp._HMT_018 (0.42%)0.01%)
SP79 Neisseria sp._Oral_Taxon_14 (0.45%)0.19%)
SP53 Neisseria elongata (0.29%)0.33%)
SP66 Kingella denitrificans (0.79%)0.64%)
SP89 Eikenella corrodens (0.45%)0.12%)
SP140 Kingella sp._HMT_012 (0.04%)0.09%)
SP35 Neisseria flavescens(sulfoxina (0.95%)0.79%)
SP131 Neisseria cinerea (0.62%)0.86%)
SP195 Neisseria subflava (0.27%)0.18%)
SP255 Neisseria lactamica (0%)0.00%)
SP47 Neisseria sicca (1.97%)2.42%)
SP60 Neisseria mucosa (1.14%)1.84%)
SP120 Fusobacterium sp._HMT_248 (0.14%)0.20%)
SP96 Fusobacterium periodonticum (0.91%)0.84%)
SP76 Fusobacterium nucleatum_ss_polymorphum (2.71%)0.65%)
SP29 Fusobacterium nucleatum (1.47%)0.57%)
SP187 Fusobacterium sp._HMT_204 (0.07%)0%)
SP162 Fusobacterium nucleatum_subsp._vincentii (0.09%)0.04%)
SP170 Fusobacterium nucleatum_ss_animalis (0.02%)0.03%)
SP90 Leptotrichia sp._HMT_221 (0.03%)0.40%)
SP94 Leptotrichia sp._HMT_392 (0.93%)0.41%)
SP80 Leptotrichia sp._HMT_215 (0.12%)0.27%)
SP23 Leptotrichia sp._HMT_212 (1.05%)0.70%)
SP110 Leptotrichia sp._HMT_219 (0.32%)0.01%)
SP254 Pseudoleptotrichia goodfellowii (0.04%)0%)
SP203 Leptotrichia goodfellowii (0.00%)0%)
SP57 Leptotrichia sp._HMT_498 (0.55%)0.65%)
SP174 Leptotrichia sp._HMT_218 (0%)0.04%)
SP39 Leptotrichia sp._HMT_225 (0.21%)0.11%)
SP81 Leptotrichia buccalis (1.50%)0.88%)
SP15 Leptotrichia hofstadii (1.09%)0.61%)
SP234 Leptotrichia sp._HMT_463 (0.02%)0.02%)
SP55 Leptotrichia wadei (0.51%)0.84%)
SP184 Leptotrichia sp._HMT_417 (0%)0.22%)
SP27 Leptotrichia shahii (0.66%)0.69%)
SP166 Leptotrichia trevisanii (0.51%)0.01%)
SP18 Leptotrichia sp._HMT_879 (0.03%)0.02%)
SP191 Leptotrichia hongkongensis (0.04%)0.03%)
SP54 Leptotrichia sp._AF189244.1 (3.82%)1.94%)
SP38 Treponema sp._HMT_231 (0.01%)0%)
SP46 Olsenella sp._Oral_Taxon_807 (0%)0.03%)
SP232 Propionibacterium acidifaciens (0%)0.03%)
SP185 Arachnia propionica (1.14%)0.31%)
SP71 Arachnia rubra (0.16%)0%)
SP258 Scardovia wiggsiae (0%)0.01%)
SP220 Bifidobacterium dentium (0%)0.01%)
SP272 Bifidobacterium longum (0%)0.02%)
SP152 Corynebacterium matruchotii (0.32%)0.07%)
SP62 Corynebacterium durum (0.23%)0.14%)
SP169 Corynebacterium sp._Oral_Taxon_A16 (0.06%)0.05%)
SP45 Rothia mucilaginosa (0.51%)0.39%)
SP61 Rothia aeria (0.72%)0.46%)
SP44 Rothia dentocariosa (0.86%)0.62%)
SP226 Peptidiphaga sp._HMT_183 (0.04%)0%)
SP266 Actinomyces sp._Oral_Taxon_848 (0.10%)0.01%)
SP230 Peptidiphaga gingivicola (0.05%)0%)
SP240 Schaalia georgiae (0.01%)0%)
SP251 Schaalia sp._HMT_897 (0.01%)0%)
SP63 Actinomyces sp._Oral_Taxon_178 (0.02%)0.03%)
SP182 Schaalia sp._HMT_178 (0%)0.01%)
SP210 Schaalia meyeri (0.04%)0%)
SP113 Actinomyces sp._Oral_Taxon_180 (0.06%)0.12%)
SP75 Actinomyces odontolyticus (0.12%)0.11%)
SP238 Schaalia odontolytica (0%)0.02%)
SP126 Actinomyces sp._HMT_448 (0%)0.12%)
SP196 Actinomyces massiliensis (0.29%)0.02%)
SP213 Actinomyces denticlis (0%)0.06%)
SP17 Actinomyces johnsonii (0.91%)0.01%)
SP87 Actinomyces sp._HMT_170 (0%)0.07%)
SP239 Actinomyces sp._HMT_171 (0.03%)0.02%)
SP142 Actinomyces naeslundii (0.26%)0.03%)
SP269 Actinomyces oris (0%)0.01%)
SP132 Actinomyces sp._HMT_175 (0.03%)0.18%)
SP148 Actinomyces sp._str._CH0CB197 (0.21%)0.07%)
SP231 Actinomyces sp._HMT_169 (0%)0.01%)
SP178 Ruminococcaceae_[G-2] bacterium_HMT_085 (0.01%)0.01%)
SP121 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.16%)0.22%)
SP20 Parvimonas micra (0%)0.01%)
SP267 Parvimonas sp._HMT_110 (0%)0.01%)
SP190 Parvimonas sp._Oral_Taxon_110 (0.09%)0.00%)
SP274 unclassified_Peptostreptococcaceae Oral_sp._str._CM5 (0%)0.00%)
SP103 Peptoanaerobacter [Eubacterium] yurii (0.13%)0.08%)
SP161 Eubacterium_[XI][G-7] yurii (0.25%)0.01%)
SP227 Peptostreptococcaceae_sp._str._CM5 (0%)0.03%)
SP149 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.05%)0.00%)
SP222 Peptostreptococcaceae_[XI][G-11] [Eubacterium]_sulci (0.01%)0%)
SP129 Catonella morbi (0.14%)0.05%)
SP261 Shuttleworthia satelles (0%)0.00%)
SP253 Oribacterium sp._Oral_Taxon_78 (0.03%)0.01%)
SP115 Oribacterium sinus (0.02%)0.13%)
SP158 Stomatobaculum sp._HMT_097 (0.02%)0.01%)
SP200 Stomatobaculum longum (0%)0.09%)
SP221 Lachnospiraceae_[G-2] bacterium_HMT_096 (0%)0.08%)
SP181 Lachnoanaerobaculum orale (0.21%)0.27%)
SP202 Lachnoanaerobaculum gingivalis (0.08%)0.08%)
SP104 Lachnoanaerobaculum umeaense (0.48%)0.16%)
SP212 Lachnospiraceae_[G] sp._Oral_Taxon_832 (0.11%)0.09%)
SP172 Johnsonella ignava (0.20%)0%)
SP114 Lachnospiraceae_[G-3] bacterium_HMT_100 (0.24%)0.11%)
SP247 Peptococcus sp._Oral_Taxon_167 (0%)0.01%)
SP168 Dialister invisus (0%)0.03%)
SP41 Veillonella sp._HMT_780 (1.26%)1.00%)
SP37 Veillonella parvula (3.89%)6.99%)
SP15 Veillonella atypica (0.07%)1.44%)
SP259 Megasphaera micronuciformis (0%)0.14%)
SP52 Colibacter massiliensis (0%)0.01%)
SP265 Megasphaera sp._HMT_123 (0%)0.00%)
SP276 Mitsuokella sp._HMT_521 (0%)0.00%)
SP139 Selenomonas sputigena (0.01%)0.24%)
SP273 Veillonellaceae_[G-1] bacterium_HMT_155 (0%)0.00%)
SP235 Selenomonas artemidis (0.01%)0%)
SP237 Selenomonas sp._HMT_137 (0%)0.02%)
SP248 Selenomonas sp._Oral_Taxon_E20 (0%)0.01%)
SP34 Selenomonas noxia (0.20%)0%)
SP136 Selenomonas flueggei (0%)0.08%)
SP217 Selenomonas sp._Oral_Taxon_067 (0.03%)0%)
SP264 Selenomonas sp._HMT_920 (0%)0.01%)
SP275 Selenomonas dianae (0.05%)0%)
SP146 Selenomonas infelix (0.12%)0.08%)
SP245 Selenomonas sp._HMT_479 (0.02%)0%)
SP241 Solobacterium moorei (0%)0.08%)
SP262 Gemella sanguinis (0%)0.02%)
SP42 Gemella haemolysans (1.61%)1.46%)
SP108 Gemella morbillorum (0.32%)0.38%)
SP63 Gemella morbillorum (0.46%)0.78%)
SP20 Abiotrophia defectiva (0.95%)1.81%)
SP19 Granulicatella elegans (2.85%)2.63%)
SP84 Granulicatella adiacens (0.31%)1.19%)
SP13 Granulicatella paradiacens (0.43%)0.77%)
SP260 Streptococcus downei (0%)0.03%)
SP16 Streptococcus mutans (0.26%)0.63%)
SP157 Streptococcus sp._[I-2]SMA (0.05%)0%)
SP8 Streptococcus gordonii (0.40%)0.87%)
SP56 Streptococcus anginosus (0.09%)0.11%)
SP143 Streptococcus constellatus (0.01%)0.09%)
SP77 Streptococcus intermedius (0.20%)0.20%)
SP70 Streptococcus sp._HMT_056 (1.18%)1.7%)
SP38 Streptococcus cristatus (3.58%)2.43%)
SP228 Streptococcus cristatus_clade_886 (0%)0.00%)
SP211 Streptococcus lactarius (0%)0.03%)
SP43 Streptococcus peroris (0.03%)0.01%)
SP122 Streptococcus salivarius (0.07%)0.34%)
SP134 Streptococcus sp._str._C150 (0.03%)0.03%)
SP163 Streptococcus thermophilus (0.00%)0%)
SP72 Streptococcus sp._Oral_Taxon_866 (0.12%)0.32%)
SP21 Streptococcus sanguinis (3.90%)4.86%)
SP201 Streptococcus australis (0.03%)0.09%)
SP135 Streptococcus sp._HMT_066 (0%)0.03%)
SP225 Streptococcus koreensis (0.01%)0%)
SP30 Streptococcus parasanguinis_II (0.10%)0.38%)
SP171 Streptococcus parasanguinis_I (0%)0.10%)
SP22 Streptococcus infantis (0.41%)0.40%)
SP40 Streptococcus oralis (2.11%)3.35%)
SP160 Streptococcus sp._HMT_061 (0.02%)0.06%)
SP65 Streptococcus sp._HMT_074 (0.05%)0.02%)
SP128 Streptococcus infantis_clade_431 (0.04%)0.11%)
SP249 Streptococcus periodonticum (0.03%)0%)
SP1 Streptococcus sp._str._C300 (3.10%)8.08%)
SP3 Streptococcus mitis (7.19%)5.71%)
SP98 Streptococcus chosuense (9.42%)0.24%)
SP156 Streptococcus sp._HMT_064 (0%)0.04%)
SP119 Streptococcus oralis_subsp._dentisani_clade_398 (0%)0.12%)
SP138 Streptococcus oralis_subsp._dentisani_clade_058 (0.16%)0.08%)
SP4 Streptococcus oralis_subsp._tigurinus_clade_070 (0.04%)0.35%)
SP88 Streptococcus sp._Oral_Taxon_71 (0.07%)0.06%)
CF
SECC
Substitutions/site
0.2
0.4
0.6
0.8