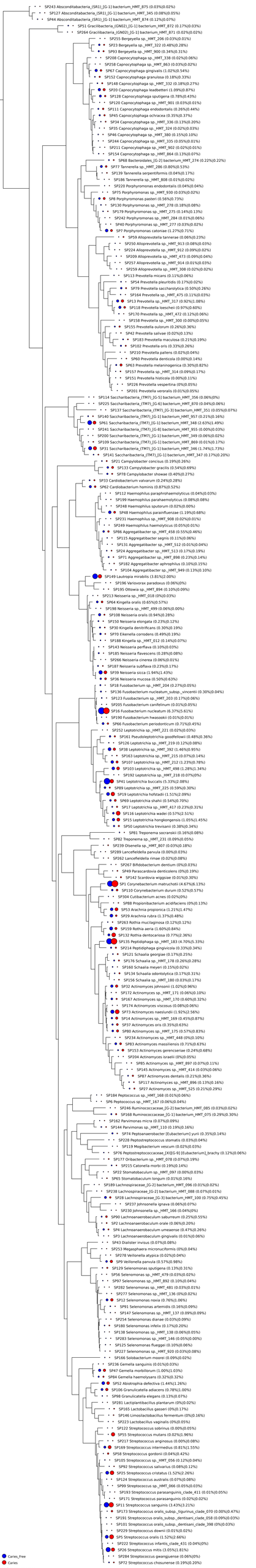
SP243 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_875 (0.03%|0.02%)
SP127 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0.08%|0.05%)
SP44 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0.12%|0.07%)
SP51 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_872 (0.17%|0.03%)
SP264 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_891 (0.10%|0.02%)
SP255 Bergeyella sp._HMT_206 (0.03%|0.01%)
SP23 Bergeyella sp._HMT_322 (0.48%|0.28%)
SP93 Bergeyella sp._HMT_900 (0.34%|0.31%)
SP208 Capnocytophaga sp._HMT_338 (0.02%|0.06%)
SP258 Capnocytophaga sp._HMT_863 (0.03%|0.02%)
SP67 Capnocytophaga gingivalis (1.02%|0.54%)
SP152 Capnocytophaga granulosa (0.18%|0.33%)
SP148 Capnocytophaga sp._HMT_332 (0.18%|0.27%)
SP20 Capnocytophaga leadbetteri (1.09%|0.87%)
SP128 Capnocytophaga sputigena (0.78%|0.43%)
SP120 Capnocytophaga sp._HMT_901 (0.03%|0.01%)
SP111 Capnocytophaga endodontalis (0.26%|0.44%)
SP45 Capnocytophaga ochracea (0.35%|0.37%)
SP34 Capnocytophaga sp._HMT_336 (0.13%|0.20%)
SP35 Capnocytophaga sp._HMT_324 (0.02%|0.03%)
SP46 Capnocytophaga sp._HMT_380 (0.15%|0.10%)
SP244 Capnocytophaga sp._HMT_335 (0.05%|0.01%)
SP211 Capnocytophaga sp._HMT_902 (0.02%|0.01%)
SP154 Capnocytophaga sp._HMT_864 (0.13%|0.07%)
SP68 Bacteroidales_[G-2] bacteriumon_HMT_274 (0.22%|0.22%)
SP77 Tannerella sp._HMT_286 (0.80%|0.53%)
SP139 Tannerella serpentiformis (0.04%|0.17%)
SP186 Tannerella sp._HMT_808 (0.01%|0.02%)
SP220 Porphyromonas endodontalis (0.04%|0.04%)
SP5 Porphyromonas sp._HMT_930 (0.03%|0.02%)
SP8 Porphyromonas pasteri (0.56%|0.73%)
SP130 Porphyromonas sp._HMT_278 (0.18%|0.08%)
SP179 Porphyromonas sp._HMT_275 (0.14%|0.13%)
SP242 Porphyromonas sp._HMT_284 (0.01%|0.06%)
SP40 Porphyromonas sp._HMT_277 (0.03%|0.02%)
SP7 Porphyromonas catoniae (1.27%|0.71%)
SP59 Alloprevotella tannerae (0.06%|0.23%)
SP250 Alloprevotella sp._HMT_913 (0.08%|0.03%)
SP224 Alloprevotella sp._HMT_912 (0.09%|0.02%)
SP209 Alloprevotella sp._HMT_473 (0.09%|0.04%)
SP257 Alloprevotella sp._HMT_914 (0.01%|0.03%)
SP259 Alloprevotella sp._HMT_308 (0.02%|0.02%)
SP113 Prevotella micans (0.11%|0.06%)
SP54 Prevotella pleuritis (0.17%|0.02%)
SP79 Prevotella saccharolytica (0.50%|0.26%)
SP164 Prevotella sp._HMT_475 (0.11%|0.03%)
SP13 Prevotella sp._HMT_317 (0.92%|1.08%)
SP118 Prevotella loescheii (0.97%|0.60%)
SP170 Prevotella sp._HMT_472 (0.12%|0.06%)
SP158 Prevotella sp._HMT_300 (0.00%|0.05%)
SP155 Prevotella oulorum (0.26%|0.36%)
SP42 Prevotella salivae (0.02%|0.13%)
SP183 Prevotella maculosa (0.21%|0.19%)
SP102 Prevotella oris (0.33%|0.26%)
SP210 Prevotella pallens (0.02%|0.04%)
SP60 Prevotella denticola (0.00%|0.14%)
SP63 Prevotella melaninogenica (0.30%|0.82%)
SP157 Prevotella sp._HMT_314 (0.09%|0.17%)
SP151 Prevotella histicola (0.00%|0.11%)
SP226 Prevotella vespertina (0%|0.05%)
SP201 Prevotella veroralis (0.01%|0.05%)
SP114 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (0.06%|0%)
SP225 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0.04%|0.06%)
SP137 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (0.05%|0.02%)
SP140 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0.21%|0.16%)
SP61 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (2.63%|1.49%)
SP241 Saccharibacteria_(TM7)_[G-8] bacterium_HMT_955 (0.00%|0.03%)
SP200 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0.00%|0.03%)
SP109 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0.01%|0.17%)
SP31 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (1.74%|1.73%)
SP141 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0.17%|0.20%)
SP11 Campylobacter concisus (0.19%|0.26%)
SP133 Campylobacter gracilis (0.54%|0.69%)
SP78 Campylobacter showae (0.40%|0.27%)
SP33 Cardiobacterium valvarum (0.24%|0.28%)
SP62 Cardiobacterium hominis (0.87%|0.52%)
SP112 Haemophilus paraphrohaemolyticus (0.04%|0.03%)
SP199 Haemophilus parahaemolyticus (0.08%|0.08%)
SP248 Haemophilus sputorum (0.02%|0.00%)
SP48 Haemophilus parainfluenzae (1.19%|0.68%)
SP231 Haemophilus sp._HMT_908 (0.02%|0.01%)
SP249 Haemophilus haemolyticus (0.05%|0.01%)
SP86 Aggregatibacter sp._HMT_458 (0.55%|0.46%)
SP115 Aggregatibacter segnis (0.11%|0.06%)
SP131 Aggregatibacter sp._HMT_512 (0.01%|0.04%)
SP24 Aggregatibacter sp._HMT_513 (0.17%|0.19%)
SP71 Aggregatibacter sp._HMT_898 (0.23%|0.14%)
SP182 Aggregatibacter aphrophilus (0.10%|0.15%)
SP104 Aggregatibacter sp._HMT_949 (0.13%|0.10%)
SP149 Lautropia mirabilis (3.81%|2.00%)
SP196 Variovorax paradoxus (0.06%|0%)
SP195 Ottowia sp._HMT_894 (0.10%|0.09%)
SP213 Neisseria sp._HMT_018 (0%|0.03%)
SP64 Kingella oralis (0.65%|0.53%)
SP198 Neisseria sp._HMT_499 (0.06%|0.00%)
SP108 Neisseria oralis (0.90%|0.28%)
SP150 Neisseria elongata (0.23%|0.12%)
SP30 Kingella denitrificans (0.30%|0.19%)
SP70 Eikenella corrodens (0.49%|0.19%)
SP188 Kingella sp._HMT_012 (0.14%|0.07%)
SP143 Neisseria perflava (0.10%|0.03%)
SP185 Neisseria flavescens (0.28%|0.08%)
SP266 Neisseria cinerea (0.06%|0.01%)
SP187 Neisseria subflava (0.23%|0.17%)
SP39 Neisseria sicca (1.94%|1.43%)
SP36 Neisseria mucosa (0.50%|0.63%)
SP14 Fusobacterium sp._HMT_204 (0.27%|0.05%)
SP136 Fusobacterium nucleatum subsp._vincentii (0.30%|0.04%)
SP123 Fusobacterium sp._HMT_203 (0.17%|0.06%)
SP205 Fusobacterium canifelinum (0.01%|0.05%)
SP16 Fusobacterium nucleatum (6.37%|5.61%)
SP190 Fusobacterium hwasookii (0.01%|0.01%)
SP66 Fusobacterium periodonticum (0.71%|0.45%)
SP252 Leptotrichia sp._HMT_221 (0.02%|0.03%)
SP161 Pseudoleptotrichia goodfellowii (0.48%|0.36%)
SP126 Leptotrichia sp._HMT_219 (0.12%|0.08%)
SP38 Leptotrichia sp._HMT_392 (1.46%|0.95%)
SP163 Leptotrichia sp._HMT_215 (0.07%|0.14%)
SP107 Leptotrichia sp._HMT_212 (1.23%|0.78%)
SP103 Leptotrichia sp._HMT_498 (1.28%|1.34%)
SP192 Leptotrichia sp._HMT_218 (0.07%|0%)
SP41 Leptotrichia buccalis (5.33%|2.08%)
SP89 Leptotrichia sp._HMT_225 (0.59%|0.30%)
SP19 Leptotrichia hofstadii (1.51%|2.09%)
SP69 Leptotrichia shahii (0.54%|0.70%)
SP17 Leptotrichia sp._HMT_417 (0.23%|0.31%)
SP156 Leptotrichia wadei (0.57%|2.51%)
SP15 Leptotrichia hongkongensis (1.05%|1.45%)
SP53 Leptotrichia trevisanii (0.38%|0.34%)
SP81 Treponema socranskii (0.16%|0.08%)
SP82 Treponema sp._HMT_231 (0.09%|0.05%)
SP239 Olsenella sp._HMT_807 (0.03%|0.18%)
SP289 Lancefieldella parvula (0.00%|0.03%)
SP262 Lancefieldella rimae (0.02%|0.08%)
SP267 Bifidobacterium dentium (0%|0.03%)
SP49 Parascardovia denticolens (0%|0.19%)
SP42 Scardovia wiggsiae (0.01%|0.30%)
SP1 Corynebacterium matruchotii (4.67%|6.13%)
SP110 Corynebacterium durum (0.52%|0.57%)
SP304 Cutibacterium acnes (0.02%|0%)
SP88 Propionibacterium acidifaciens (0%|0.13%)
SP53 Arachnia propionica (1.21%|1.47%)
SP29 Arachnia rubra (1.37%|0.48%)
SP263 Rothia mucilaginosa (0.12%|0.12%)
SP159 Rothia aeria (1.60%|0.84%)
SP172 Rothia dentocariosa (0.77%|2.36%)
SP135 Peptidiphaga sp._HMT_183 (4.70%|5.33%)
SP214 Peptidiphaga gingivicola (0.33%|0.34%)
SP121 Schaalia georgiae (0.17%|0.25%)
SP176 Schaalia sp._HMT_178 (0.26%|0.28%)
SP160 Schaalia meyeri (0.15%|0.02%)
SP134 Schaalia odontolytica (0.17%|0.31%)
SP156 Schaalia sp._HMT_180 (0.03%|0.17%)
SP32 Actinomyces johnsonii (1.02%|0.96%)
SP172 Actinomyces sp._HMT_171 (0.06%|0.10%)
SP167 Actinomyces sp._HMT_170 (0.60%|0.32%)
SP174 Actinomyces viscosus (0.08%|0.06%)
SP73 Actinomyces naeslundii (1.92%|2.56%)
SP175 Actinomyces sp._HMT_169 (0.45%|0.87%)
SP37 Actinomyces oris (0.35%|0.63%)
SP80 Actinomyces sp._HMT_175 (0.57%|0.83%)
SP234 Actinomyces sp._HMT_448 (0%|0.10%)
SP83 Actinomyces massiliensis (0.71%|0.63%)
SP153 Actinomyces gerencseriae (0.24%|0.68%)
SP204 Actinomyces israelii (0%|0.05%)
SP85 Actinomyces sp._HMT_897 (0.07%|0.11%)
SP145 Actinomyces sp._HMT_414 (0.03%|0.06%)
SP87 Actinomyces dentalis (0.21%|0.36%)
SP117 Actinomyces sp._HMT_896 (0.13%|0.16%)
SP27 Actinomyces sp._HMT_525 (0.21%|0.29%)
SP184 Peptococcus sp._HMT_168 (0.01%|0.06%)
SP6 Peptococcus sp._HMT_167 (0.06%|0.04%)
SP246 Ruminococcaceae_[G-2] bacterium_HMT_085 (0.03%|0.02%)
SP168 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.29%|0.30%)
SP162 Parvimonas micra (0.07%|0.09%)
SP144 Parvimonas sp._HMT_110 (0.19%|0.16%)
SP74 Peptoanaerobacter [Eubacterium] yurii (0.35%|0.14%)
SP228 Peptostreptococcus stomatis (0.03%|0.04%)
SP119 Mogibacterium vescum (0.02%|0.03%)
SP76 Peptostreptococcaceae_[X][G-9] [Eubacterium]_brachy (0.12%|0.06%)
SP177 Oribacterium sp._HMT_078 (0.07%|0.19%)
SP215 Catonella morbi (0.19%|0.14%)
SP22 Stomatobaculum sp._HMT_097 (0.03%|0%)
SP65 Stomatobaculum longum (0.01%|0.16%)
SP189 Lachnospiraceae_[G-2] bacterium_HMT_096 (0.01%|0.02%)
SP238 Lachnospiraceae_[G-2] bacterium_HMT_088 (0.07%|0.01%)
SP28 Lachnospiraceae_[G-3] bacterium_HMT_100 (0.75%|0.45%)
SP237 Johnsonella ignava (0.06%|0.07%)
SP230 Johnsonella sp._HMT_166 (0.04%|0%)
SP90 Lachnoanaerobaculum saburreum (0.25%|0.55%)
SP2 Lachnoanaerobaculum orale (0.06%|0.20%)
SP4 Lachnoanaerobaculum umeaense (0.47%|0.26%)
SP3 Lachnoanaerobaculum gingivalis (0.01%|0.06%)
SP43 Dialister invisus (0.07%|0.08%)
SP253 Megasphaera micronuciformis (0%|0.04%)
SP278 Veillonella atypica (0.02%|0.04%)
SP9 Veillonella parvula (0.57%|0.98%)
SP129 Selenomonas sputigena (0.13%|0.31%)
SP56 Selenomonas sp._HMT_479 (0.03%|0.02%)
SP97 Selenomonas sp._HMT_892 (0.10%|0.04%)
SP282 Selenomonas sp._HMT_481 (0.03%|0.01%)
SP277 Selenomonas sp._HMT_150 (0.39%|0.02%)
SP12 Selenomonas noxia (0.76%|1.06%)
SP91 Selenomonas artemidis (0.16%|0.09%)
SP147 Selenomonas sp._HMT_137 (0.09%|0.09%)
SP254 Selenomonas dianae (0.03%|0.09%)
SP180 Selenomonas infelix (0.17%|0.20%)
SP138 Selenomonas sp._HMT_138 (0.06%|0.05%)
SP283 Selenomonas sp._HMT_146 (0.05%|0.00%)
SP125 Selenomonas flueggei (0.10%|0.06%)
SP227 Selenomonas sp._HMT_920 (0.03%|0.08%)
SP166 Solobacterium moorei (0.09%|0.02%)
SP236 Gemella sanguinis (0.01%|0.03%)
SP47 Gemella morbillorum (1.50%|1.03%)
SP84 Gemella haemolysans (0.32%|0.32%)
SP52 Abiotrophia defectiva (1.44%|1.26%)
SP106 Granulicatella adiacens (0.78%|1.00%)
SP98 Granulicatella elegans (0.13%|0.07%)
SP281 Lactiplantibacillus plantarum (0%|0.02%)
SP165 Lactobacillus gasseri (0%|0.17%)
SP146 Limosilactobacillus fermentum (0%|0.16%)
SP223 Lactobacillus vaginalis (0%|0.05%)
SP122 Streptococcus sobrinus (0.00%|0.05%)
SP55 Streptococcus mutans (0.02%|1.96%)
SP217 Streptococcus anginosus (0.00%|0.08%)
SP169 Streptococcus intermedius (0.81%|1.55%)
SP58 Streptococcus gordonii (0.04%|0.42%)
SP105 Streptococcus sp._HMT_056 (0.12%|0.04%)
SP92 Streptococcus salivarius (0.08%|0.12%)
SP25 Streptococcus cristatus (1.52%|2.26%)
SP124 Streptococcus australis (0.07%|0.08%)
SP99 Streptococcus sp._HMT_066 (0.05%|0.03%)
SP193 Streptococcus parasanguinis_clade_411 (0.01%|0.05%)
SP171 Streptococcus parasanguinis (0.02%|0.02%)
SP11 Streptococcus sanguinis (3.43%|3.21%)
SP173 Streptococcus oralis_subsp._tigurinus_clade_070 (0.00%|0.47%)
SP191 Streptococcus oralis_subsp._dentisani_clade_058 (0.09%|0.03%)
SP101 Streptococcus oralis_subsp._dentisani_clade_398 (0%|0.03%)
SP229 Streptococcus downii (0.01%|0.02%)
SP5 Streptococcus oralis (1.52%|2.66%)
SP94 Streptococcus infantis_clade_431 (0.04%|0%)
SP26 Streptococcus mitis (3.05%|1.81%)
SP284 Streptococcus gwangjuense (0.06%|0%)
SP72 Streptococcus chosunense (0.19%|0.20%)
Caries_Free
Caries
substitutions/site
0.2
0.4
0.6
0.8