SP170 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0.04%)(0.03%)
SP140 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_875 (0.00%)(0.01%)
SP177 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_872 (0.03%)(0.02%)
SP233 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_871 (0.00%)(0.02%)
SP257 Chryseobacterium indologenes (0.01%)(0%)
SP111 Bergeyella sp._HMT_206 (0.24%)(0.19%)
SP59 Bergeyella sp._HMT_931 (0.08%)(0.06%)
SP58 Bergeyella sp._HMT_322 (0.02%)(0.02%)
SP173 Bergeyella sp._HMT_900 (0.11%)(0.12%)
SP262 Bergeyella sp._HMT_907 (0.01%)(0%)
SP253 Capnocytophaga sp._HMT_863 (0.05%)(0%)
SP98 Capnocytophaga gingivalis (0.21%)(0.43%)
SP102 Capnocytophaga granulosa (0.44%)(0.45%)
SP194 Capnocytophaga sp._HMT_326 (0.02%)(0.16%)
SP92 Capnocytophaga sputigena (0.53%)(0.43%)
SP230 Capnocytophaga sp._HMT_901 (0.02%)(0.06%)
SP70 Capnocytophaga sp._HMT_332 (0.01%)(0.11%)
SP21 Capnocytophaga leadbetteri (1.45%)(0.77%)
SP19 Tannerella sp._HMT_286 (0.45%)(0.99%)
SP263 Bacteroidales_[G-2] sp._Oral_Taxon_274 (0%)(0.01%)
SP130 Porphyromonas endodontalis (0.01%)(0.08%)
SP42 Porphyromonas sp._Oral_Taxon_C34 (0.14%)(0.34%)
SP43 Porphyromonas sp._HMT_930 (0.47%)(0.34%)
SP16 Porphyromonas pasteri (3.37%)(1.90%)
SP161 Porphyromonas sp._HMT_278 (0.06%)(0.10%)
SP175 Porphyromonas sp._Oral_Taxon_B43 (0.16%)(0.06%)
SP145 Porphyromonas sp._HMT_275 (0.05%)(0.07%)
SP167 Porphyromonas sp._HMT_284 (0.13%)(0%)
SP72 Porphyromonas catoniae (0.42%)(1.12%)
SP180 Alloprevotella tannerae (0.13%)(0.02%)
SP114 Alloprevotella sp._HMT_912 (0.10%)(0.29%)
SP64 Alloprevotella sp._HMT_913 (0.32%)(0.27%)
SP28 Alloprevotella sp._HMT_473 (2.04%)(1.80%)
SP176 Alloprevotella sp._HMT_308 (0.22%)(0.16%)
SP41 Alloprevotella sp._HMT_914 (0.40%)(0.46%)
SP149 Prevotella micans (0.02%)(0.2%)
SP69 Prevotella sp._HMT_942 (0.06%)(0.08%)
SP215 Prevotella sp._Oral_Taxon_299 (0.09%)(0.09%)
SP166 Prevotella nanceensis (0.10%)(0.26%)
SP133 Prevotella pleuritidis (0.01%)(0.02%)
SP162 Prevotella saccharolytica (0%)(0.02%)
SP219 Prevotella sp._HMT_475 (0.03%)(0.04%)
SP29 Prevotella sp._HMT_317 (0.90%)(0.94%)
SP234 Prevotella sp._HMT_472 (0.01%)(0%)
SP15 Prevotella loescheii (0.22%)(0.59%)
SP2 Prevotella aurorum (0.39%)(0.2%)
SP99 Prevotella salivae (0.50%)(0%)
SP94 Prevotella oris (0.10%)(0.23%)
SP238 Prevotella maculosa (0.01%)(0.04%)
SP66 Prevotella sp._HMT_305 (0.05%)(0%)
SP115 Prevotella pallens (0.29%)(0.14%)
SP244 Prevotella intermedia (0.02%)(0%)
SP216 Prevotella dentricola (0.08%)(0%)
SP113 Prevotella jejuni (0.19%)(0%)
SP80 Prevotella sp._HMT_314 (0.57%)(0.04%)
SP46 Prevotella melaninogenica (2.04%)(1.26%)
SP83 Prevotella histicola (0.56%)(0.15%)
SP97 Prevotella veroralis (0.15%)(0%)
SP47 Prevotella sp._HMT_306 (0.21%)(0.02%)
SP224 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_356 (0.01%)(0%)
SP237 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (0.01%)(0%)
SP188 TM7_[G] sp._Oral_Taxon_A56 (0.03%)(0%)
SP147 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0.40%)(0.50%)
SP106 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0.39%)(0.45%)
SP255 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_352 (0.00%)(0%)
SP202 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0.08%)(0.12%)
SP57 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0.20%)(0.05%)
SP11 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0.28%)(0.07%)
SP207 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0.03%)(0%)
SP189 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0%)(0.02%)
SP129 Campylobacter showae (0.02%)(0.04%)
SP119 Campylobacter concisus (0.03%)(0.04%)
SP108 Campylobacter gracilis (0.02%)(0.04%)
SP221 Ottowia sp._HMT_894 (0.02%)(0.07%)
SP4 Lautropia mirabilis (0.73%)(0.82%)
SP103 Neisseria bacilliformis (0.04%)(0.04%)
SP239 Neisseria sp._HMT_018 (0.01%)(0.25%)
SP155 Neisseria sp._HMT_523 (0.01%)(0%)
SP104 Kingella oralis (0.43%)(1.18%)
SP118 Kingella sp._Oral_Taxon_C21 (0.05%)(0.10%)
SP40 Neisseria flavescens|subflava (0.72%)(0.50%)
SP138 Neisseria cinerea (0.49%)(0.26%)
SP100 Neisseria subflava (0.13%)(0.34%)
SP84 Neisseria sicca (2.21%)(1.54%)
SP5 Neisseria mucosa (2.41%)(0.94%)
SP123 Neisseria sp._Oral_Taxon_14 (0.16%)(0.13%)
SP48 Eikenella corrodens (0.14%)(0.24%)
SP30 Kingella denitrificans (0.76%)(0.63%)
SP171 Neisseria elongata (0.28%)(0.16%)
SP174 Kingella sp._HMT_012 (0.08%)(0.12%)
SP196 Moraxella sp._Oral_Taxon_807 (0.10%)(0.06%)
SP71 Cardiobacterium hominis (0.35%)(0.93%)
SP217 Cardiobacterium valvarum (0.01%)(0.24%)
SP75 Haemophilus paraphrohaemolyticus (0.63%)(1.11%)
SP3 Haemophilus parahaemolyticus (0.36%)(0.23%)
SP12 Haemophilus parainfluenzae (4.08%)(2.77%)
SP25 Haemophilus sputorum (0.16%)(0.11%)
SP93 Haemophilus sp._HMT_036 (0.34%)(0.57%)
SP63 Haemophilus sp._HMT_908 (0.52%)(0.05%)
SP62 Haemophilus haemolyticus (0.64%)(0.92%)
SP199 Haemophilus influenzae (0.05%)(0.07%)
SP74 Aggregatibacter sp._HMT_458 (0.78%)(1.41%)
SP131 Aggregatibacter segnis (0.11%)(0.44%)
SP85 Aggregatibacter sp._HMT_513 (0.28%)(0.12%)
SP172 Aggregatibacter sp._HMT_898 (0.13%)(0.09%)
SP154 Aggregatibacter sp._HMT_949 (0.14%)(0.48%)
SP6 Aggregatibacter aphrophilus (0.13%)(0.16%)
SP150 Fusobacterium sp._HMT_248 (0.09%)(0.15%)
SP90 Fusobacterium periodonticum (0.48%)(0.58%)
SP49 Fusobacterium nucleatum (1.00%)(2.48%)
SP13 Fusobacterium nucleatum_ss_polymorphum (1.12%)(2.17%)
SP252 Fusobacterium hwasookii (0.03%)(0%)
SP228 Fusobacterium nucleatum_ss_animalis (0.02%)(0%)
SP195 Fusobacterium sp._HMT_204 (0.01%)(0.15%)
SP10 Fusobacterium nucleatum_subsp._vincentii (0.06%)(0.13%)
SP3 Leptotrichia sp._HMT_221 (0.55%)(0%)
SP187 Leptotrichia goodfellowii (0%)(0.27%)
SP210 Leptotrichia sp._HMT_219 (0.02%)(0.26%)
SP39 Leptotrichia sp._HMT_392 (0.44%)(0.98%)
SP89 Leptotrichia sp._HMT_212 (0.68%)(1.07%)
SP67 Leptotrichia sp._HMT_215 (0.43%)(0.18%)
SP261 Leptotrichia sp._HMT_218 (0.04%)(0%)
SP135 Leptotrichia sp._HMT_498 (0.62%)(0.40%)
SP68 Leptotrichia buccalis (1.02%)(1.60%)
SP32 Leptotrichia hofstadii (0.97%)(1.65%)
SP159 Leptotrichia sp._HMT_225 (0.04%)(0.26%)
SP248 Leptotrichia sp._HMT_463 (0%)(0.04%)
SP24 Leptotrichia wadei (0.85%)(0.49%)
SP136 Leptotrichia sp._HMT_417 (0.32%)(0%)
SP79 Leptotrichia shahii (0.99%)(0.55%)
SP122 Leptotrichia trevisanii (0.02%)(0.54%)
SP164 Leptotrichia sp._HMT_879 (0%)(0.11%)
SP18 Leptotrichia sp._A11924A (1.08%)(2.47%)
SP211 Leptotrichia hongkongensis (0.01%)(0%)
SP101 Treponema sp._HMT_231 (0%)(0.01%)
SP134 Bulleromicrocaceae_[G-2] bacterium_HMT_085 (0.01%)(0.01%)
SP107 Bulleromicrocaceae_[G-1] bacterium_HMT_075 (0.17%)(0.19%)
SP54 Olsenella sp._Oral_Taxon_807 (0.03%)(0%)
SP246 Atopobium parvulum (0.02%)(0%)
SP201 Propionibacterium acidifaciens (0.03%)(0%)
SP212 Arachnia rubra (0%)(0.16%)
SP110 Pseudopropionibacterium propionicum (0.39%)(0.99%)
SP241 Scardovia wiggsiae (0.02%)(0%)
SP214 Bifidobacterium longum (0.03%)(0%)
SP124 Bifidobacterium dentium (0.01%)(0%)
SP95 Corynebacterium matruchotii (0.32%)(1.17%)
SP222 Corynebacterium sp._Oral_Taxon_A16 (0.04%)(0.06%)
SP153 Corynebacterium durum (0.16%)(0.39%)
SP112 Rothia mucilaginosa (0.69%)(0.82%)
SP65 Rothia aeria (0.55%)(0.53%)
SP55 Rothia dentocariosa (1.31%)(2.45%)
SP152 Peptidiphaga gingivicola (0%)(0.04%)
SP226 Actinomyces sp._Oral_Taxon_848 (0.01%)(0.21%)
SP243 Actinomyces meyeri (0%)(0.06%)
SP126 Actinomyces sp._Oral_Taxon_180 (0.13%)(0.13%)
SP139 Actinomyces odontolyticus (0.15%)(0.18%)
SP258 Actinomyces georgiae (0%)(0.01%)
SP184 Schaalia sp._HMT_877 (0%)(0.04%)
SP73 Actinomyces sp._Oral_Taxon_178 (0.04%)(0.12%)
SP96 Schaalia sp._HMT_178 (0.01%)(0%)
SP146 Actinomyces massiliensis (0.03%)(0.43%)
SP198 Actinomyces denticalis (0.07%)(0%)
SP60 Actinomyces sp._HMT_448 (0.15%)(0%)
SP109 Actinomyces johnsonii (0.03%)(0.29%)
SP218 Actinomyces sp._HMT_171 (0.02%)(0%)
SP249 Actinomyces sp._HMT_170 (0.04%)(0%)
SP203 Actinomyces naeslundii (0.02%)(0.39%)
SP86 Actinomyces oris (0.09%)(0.03%)
SP91 Actinomyces sp._Oral_Taxon_171 (0.05%)(0.02%)
SP245 Actinomyces viscosus (0%)(0.04%)
SP141 Actinomyces sp._HMT_175 (0.30%)(0.10%)
SP181 Actinomyces sp._str_ChDC8197 (0.11%)(0.39%)
SP208 Actinomyces sp._HMT_169 (0.01%)(0.04%)
SP250 unclassified_Peptostreptococcaceae Oral_Taxon_ss_str_CM5 (0.00%)(0%)
SP158 Peptoanaerobacter yurii (0.05%)(0.20%)
SP56 Eubacterium_[XI][G-7] yurii (0.05%)(0.20%)
SP193 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.01%)(0.09%)
SP168 Peptostreptococcaceae_[XI][G-11] [Eubacterium]_suci (0%)(0.03%)
SP260 Parvimonas micra (0.01%)(0%)
SP224 Parvimonas sp._HMT_110 (0.01%)(0%)
SP185 Parvimonas sp._Oral_Taxon_110 (0%)(0.17%)
SP144 Catonella morbi (0.07%)(0.20%)
SP117 Shuttleworthia satelles (0.00%)(0%)
SP165 Olribacterium sinus (0.07%)(0.03%)
SP137 Oribacterium sp._Oral_Taxon_78 (0.01%)(0.06%)
SP169 Stomatobaculum sp._HMT_097 (0.01%)(0.04%)
SP190 Stomatobaculum longum (0.15%)(0%)
SP197 Lachnospiraceae_[G-2] bacterium_HMT_096 (0.10%)(0%)
SP151 Lachnoanaerobaculum orale (0.32%)(0.05%)
SP116 Lachnoanaerobaculum umeaense (0.20%)(0.62%)
SP120 Lachnospiraceae_[G] sp._Oral_Taxon_82 (0.13%)(0.21%)
SP178 Lachnospiraceae_[G-3] bacterium_HMT_100 (0.12%)(0.38%)
SP200 Johnsonella ignava (0%)(0.20%)
SP254 Dialister invisus (0.03%)(0%)
SP58 Veillonella sp._HMT_780 (1.12%)(1.05%)
SP17 Veillonella parvula (7.55%)(5.19%)
SP7 Veillonella atypica (1.26%)(0.09%)
SP20 Megasphaera micronuciformis (0.14%)(0%)
SP204 Colibacter massiliensis (0.01%)(0%)
SP191 Megasphaera sp._HMT_123 (0.01%)(0%)
SP179 Mitsuokella sp._HMT_521 (0.00%)(0%)
SP256 Veillonellaceae_[G-1] bacterium_HMT_155 (0.00%)(0%)
SP132 Selenomonas sputigena (0.22%)(0.03%)
SP235 Selenomonas noxia (0.02%)(0.09%)
SP213 Selenomonas sp._Oral_Taxon_137 (0.03%)(0%)
SP231 Selenomonas sp._Oral_Taxon_020 (0.02%)(0%)
SP232 Selenomonas artemidis (0%)(0.02%)
SP264 Selenomonas sp._HMT_920 (0.01%)(0%)
SP192 Selenomonas flueggei (0.08%)(0%)
SP240 Selenomonas dianae (0.01%)(0.10%)
SP227 Selenomonas sp._Oral_Taxon_567 (0%)(0.04%)
SP186 Selenomonas infelix (0.05%)(0.07%)
SP88 Selenomonas sp._HMT_481 (0.01%)(0%)
SP76 Selenomonas sp._HMT_479 (0%)(0.03%)
SP223 Solobacterium moorei (0.07%)(0%)
SP251 Gemella sanguinis (0.03%)(0%)
SP26 Gemella haemolysans (1.31%)(1.25%)
SP77 Gemella morbillorum (0.63%)(0.85%)
SP36 Gemella morbillorum (0.19%)(0.10%)
SP34 Abiotrophia defectiva (1.44%)(1.26%)
SP78 Granulicatella elegans (2.39%)(2.38%)
SP8 Granulicatella paradiacens (0.93%)(0.57%)
SP82 Granulicatella adiacens (0.56%)(0.26%)
SP128 Streptococcus mutans (0.51%)(0.40%)
SP225 Streptococcus downei (0.05%)(0%)
SP247 Streptococcus sobrinus (0.02%)(0%)
SP20 Streptococcus sp._str_C336FAA (0.20%)(0.11%)
SP27 Streptococcus gordonii (0.87%)(0.39%)
SP163 Streptococcus anginosus (0.10%)(0.01%)
SP127 Streptococcus intermedius (0.22%)(0.25%)
SP148 Streptococcus constellatus (0.12%)(0%)
SP31 Streptococcus sp._HMT_056 (0.18%)(0.48%)
SP23 Streptococcus cristatus (2.29%)(5.07%)
SP35 Streptococcus lactarius (0.02%)(0%)
SP182 Streptococcus peroris (0.02%)(0.07%)
SP37 Streptococcus salivarius (0.43%)(0.09%)
SP229 Streptococcus thermophilus (0%)(0.01%)
SP142 Streptococcus sp._str_C150 (0.04%)(0.05%)
SP33 Streptococcus sanguinis (3.51%)(3.28%)
SP81 Streptococcus sp._Oral_Taxon_866 (0.40%)(0.20%)
SP87 Streptococcus australis (0.12%)(0.07%)
SP209 Streptococcus sp._HMT_066 (0.03%)(0%)
SP121 Streptococcus parasanguinis_I (0.21%)(0%)
SP61 Streptococcus parasanguinis_II (0.55%)(0.19%)
SP52 Streptococcus infantis (0.47%)(0.59%)
SP143 Streptococcus sp._HMT_061 (0.02%)(0.02%)
SP156 Streptococcus sp._HMT_074 (0.02%)(0.06%)
SP236 Streptococcus sp._HMT_064 (0.07%)(0%)
SP9 Streptococcus sp._str_C300 (6.06%)(3.37%)
SP22 Streptococcus mitis (5.63%)(6.92%)
SP160 Streptococcus infantis_clade_431 (0.18%)(0%)
SP183 Streptococcus oralis_subsp._dentisani_clade_398 (0.04%)(0%)
SP105 Streptococcus oralis_subsp._dentisani_clade_058 (0.12%)(0.01%)
SP53 Streptococcus oralis_subsp._tigurinus_clade_070 (0.28%)(0.05%)
SP157 Streptococcus sp._Oral_Taxon_71 (0.03%)(0.06%)
SP14 Streptococcus oralis (4.06%)(2.44%)
secc
cf
0.2
0.4
0.6
0.8
substitutions/site