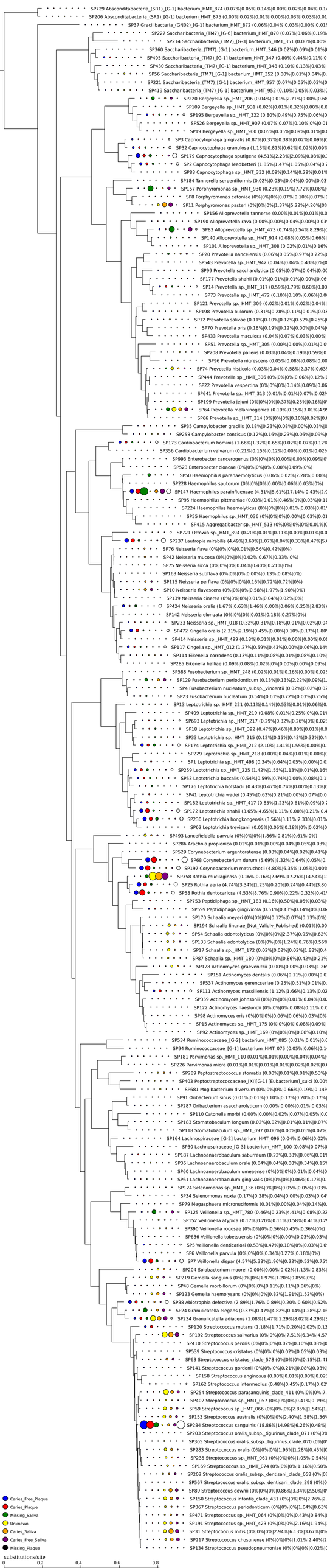
SP729 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0.07%|0.05%|0.14%|0.00%|0.02%|0.04%|0.14%
SP206 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_875 (0.00%|0.02%|0.03%|0.01%|0.03%|0.03%|0.01
SP37 Gracilibacteria_(GN02)_[G-1] bacterium_HMT_872 (0.06%|0.06%|0.03%|0.00%|0.01%|
SP227 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0.07%|0.06%|0.19%
SP214 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (0.00%|0.00%
SP360 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0.02%|0.09%|0.01%|
SP405 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0.80%|0.44%|0.11%|0
SP430 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0.10%|0.13%|0.03%|
SP56 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_352 (0.00%|0.01%|0.04%|0.
SP221 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0.07%|0.05%|0.03%|0
SP419 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_952 (0.10%|0.05%|0.03%|(
SP220 Bergeyella sp._HMT_206 (0.04%|0.01%|2.71%|0.00%|0.68
SP109 Bergeyella sp._HMT_931 (0.02%|0.01%|0.32%|0.00%|0.0
SP195 Bergeyella sp._HMT_322 (0.80%|0.49%|0.75%|0.06%|0
SP526 Bergeyella sp._HMT_907 (0.07%|0.07%|0.10%|0.09%|0.0
SP19 Bergeyella sp._HMT_900 (0.05%|0.05%|0.09%|0.01%|0.0
SP3 Capnocytophaga gingivalis (0.87%|0.37%|0.38%|0.02%|0.09%|0
SP32 Capnocytophaga granulosa (1.13%|0.81%|0.62%|0.02%|0.09%
SP179 Capnocytophaga sputigena (4.51%|2.23%|2.09%|0.08%|0.
SP2 Capnocytophaga leadbetteri (1.85%|1.47%|1.05%|0.04%|0.
SP88 Capnocytophaga sp._HMT_332 (0.09%|0.14%|0.29%|0.01%
SP184 Tannerella serpentiformis (0.02%|0.03%|0.04%|0.00%|0.03
SP157 Porphyromonas sp._HMT_930 (0.23%|0.19%|7.72%|0.08%|
SP8 Porphyromonas catoniae (0%|0%|0%|0.07%|0.10%|0.07%|0
SP11 Porphyromonas pasteri (0%|0%|0%|1.37%|5.22%|4.26%|0
SP156 Alloprevotella tannerae (0.00%|0.01%|0.01%|0.0
SP190 Alloprevotella rava (0.00%|0.00%|0.04%|0.00%|0.03
SP83 Alloprevotella sp._HMT_473 (0.74%|0.54%|8.29%|(
SP140 Alloprevotella sp._HMT_914 (0.08%|0.05%|0.66%|
SP101 Alloprevotella sp._HMT_308 (0.02%|0.01%|0.16%
SP20 Prevotella nanceiensis (0.06%|0.05%|0.97%|0.22%|0
SP543 Prevotella sp._HMT_942 (0.04%|0.04%|0.43%|0%|0
SP99 Prevotella saccharolytica (0.05%|0.07%|0.04%|0.00
SP177 Prevotella shahii (0.01%|0.01%|0.01%|0.00%|0.06
SP14 Prevotella sp._HMT_317 (0.59%|0.79%|0.60%|0.00
SP73 Prevotella sp._HMT_472 (0.10%|0.10%|0.06%|0.0
SP121 Prevotella sp._HMT_309 (0.02%|0.01%|0.02%|0.04%|
SP198 Prevotella oulorum (0.31%|0.28%|0.11%|0.01%|0.03
SP12 Prevotella salivae (0.11%|0.10%|0.12%|0.52%|0.25%|
SP70 Prevotella oris (0.18%|0.19%|0.12%|0.00%|0.04%|
SP433 Prevotella maculosa (0.04%|0.07%|0.03%|0.00%
SP51 Prevotella sp._HMT_305 (0.00%|0.00%|0.01%|0.0
SP208 Prevotella pallens (0.03%|0.04%|0.19%|0.59%|0
SP96 Prevotella nigrescens (0.05%|0.08%|0.08%|0.00
SP74 Prevotella histicola (0.03%|0.04%|0.58%|2.37%|0.63
SP444 Prevotella sp._HMT_306 (0%|0%|0%|0.06%|0.12%|0
SP22 Prevotella vespertina (0%|0%|0%|0.14%|0.09%|0.06
SP641 Prevotella sp._HMT_313 (0.01%|0.01%|0.07%|0.02
SP199 Prevotella jejuni (0%|0%|0%|0.37%|0.25%|0.16%|0
SP64 Prevotella melaninogenica (0.19%|0.15%|3.01%|4.9
SP666 Prevotella sp._HMT_314 (0%|0%|0%|0.10%|0.02%|0.0
SP35 Campylobacter gracilis (0.18%|0.23%|0.08%|0.00%|0.03%|0
SP258 Campylobacter concisus (0.12%|0.16%|0.23%|0.06%|0.09%|
SP173 Cardiobacterium hominis (1.66%|1.32%|0.65%|0.02%|0.07%|0.12%
SP356 Cardiobacterium valvarum (0.23%|0.15%|0.12%|0.00%|0.01%|0.02%
SP993 Enterobacter cancerogenus (0%|0%|0%|0.00%|0.00%|0.09%|0
SP523 Enterobacter cloacae (0%|0%|0%|0%|0.00%|0.09%|0%|
SP50 Haemophilus parahaemolyticus (0.06%|0.02%|2.28%|0.00%|
SP228 Haemophilus sputorum (0%|0%|0.00%|0.06%|0.03%|0%|
SP147 Haemophilus parainfluenzae (4.31%|5.61%|17.14%|0.43%|2.5
SP95 Haemophilus pittmaniae (0.03%|0.01%|0.46%|0%|0.03%|0.11
SP224 Haemophilus haemolyticus (0%|0%|0%|0.01%|0.03%|0.01
SP55 Haemophilus sp._HMT_036 (0%|0%|0%|0.00%|0.03%|0.01
SP415 Aggregatibacter sp._HMT_513 (0%|0%|0%|0%|0.01%|0
SP721 Ottowia sp._HMT_894 (0.20%|0.01%|0.11%|0.00%|0.01%|0.0
SP237 Lautropia mirabilis (4.49%|3.60%|1.07%|0.04%|0.33%|0.47%|5.
SP76 Neisseria flava (0%|0%|0%|0.01%|0.56%|0.42%|0%|
SP42 Neisseria mucosa (0%|0%|0%|0.02%|0.67%|0.33%|0%|
SP75 Neisseria sicca (0%|0%|0%|0.04%|0.40%|0.21%|0%|
SP163 Neisseria subflava (0%|0%|0%|0.00%|0.13%|0.08%|0%|
SP115 Neisseria perflava (0%|0%|0%|0.16%|0.72%|0.72%|0%|
SP10 Neisseria flavescens (0%|0%|0%|0.58%|1.97%|1.90%|0%|
SP139 Neisseria cinerea (0%|0%|0%|0.01%|0.04%|0.02%|0%|
SP424 Neisseria oralis (1.67%|0.63%|1.46%|0.00%|0.06%|0.25%|2.83%|
SP142 Neisseria elongata (0%|0%|0%|0.01%|0.18%|0.27%|0%|
SP233 Neisseria sp._HMT_018 (0.32%|0.31%|0.18%|0.01%|0.02%|0.04
SP472 Kingella oralis (2.31%|2.19%|0.45%|0.00%|0.10%|0.17%|1.80
SP414 Neisseria sp._HMT_499 (0.18%|0.31%|0.01%|0.00%|0.00%|0.0
SP117 Kingella sp._HMT_012 (1.27%|0.59%|0.43%|0.00%|0.06%|0.14
SP114 Eikenella corrodens (0.13%|0.11%|0.08%|0.01%|0.08%|0.10%
SP285 Eikenella hallae (0.09%|0.08%|0.02%|0.00%|0.00%|0.09%|
SP588 Fusobacterium sp._HMT_248 (0.02%|0.01%|0.16%|0.00%|0.02
SP129 Fusobacterium periodonticum (0.13%|0.13%|2.22%|0.09%|1.
SP4 Fusobacterium nucleatum_subsp._vincentii (0.02%|0.02%|0.02
SP23 Fusobacterium nucleatum (0.54%|0.61%|0.72%|0.03%|0.25%|
SP13 Leptotrichia sp._HMT_221 (0.11%|0.14%|0.53%|0.01%|0.06%|0.
SP409 Leptotrichia sp._HMT_219 (0.08%|0.01%|0.25%|0%|0.01%
SP693 Leptotrichia sp._HMT_217 (0.29%|0.32%|0.26%|0%|0.02
SP18 Leptotrichia sp._HMT_392 (0.47%|0.46%|0.80%|0.01%|0.0
SP33 Leptotrichia sp._HMT_215 (0.12%|0.15%|0.43%|0.32%|0.4
SP174 Leptotrichia sp._HMT_212 (2.10%|1.41%|1.55%|0.00%|0.
SP229 Leptotrichia sp._HMT_218 (0.00%|0.04%|0.01%|0.00%|0
SP1 Leptotrichia sp._HMT_498 (0.34%|0.64%|0.05%|0.00%|0.0
SP259 Leptotrichia sp._HMT_225 (1.42%|1.55%|1.13%|0.01%|0.16%
SP53 Leptotrichia buccalis (0.54%|0.59%|0.74%|0.00%|0.08%|0.1
SP176 Leptotrichia hofstadii (0.43%|0.47%|0.74%|0.00%|0.13%|0
SP41 Leptotrichia wadei (0.45%|0.62%|0.21%|0.00%|0.07%|0.0
SP182 Leptotrichia sp._HMT_417 (0.85%|1.23%|0.61%|0.09%|0.7
SP172 Leptotrichia shahii (3.65%|4.65%|1.11%|0.00%|0.21%|0.4
SP230 Leptotrichia hongkongensis (3.56%|3.11%|2.33%|0.01%
SP62 Leptotrichia trevisanii (0.05%|0.06%|0.18%|0%|0.02%|0
SP493 Lancefieldella parvula (0%|0%|0%|1.86%|0.81%|0.61%|0%|
SP286 Arachnia propionica (0.02%|0.01%|0.00%|0.04%|0.05%|0.03%
SP529 Corynebacterium argentoratense (0.03%|0.04%|0.02%|0.41%|
SP68 Corynebacterium durum (5.69%|8.32%|0.64%|0.05%|0.
SP197 Corynebacterium matruchotii (4.96%|6.35%|1.05%|0.09%
SP358 Rothia mucilaginosa (0.16%|0.16%|2.69%|17.26%|14.54%|1.
SP25 Rothia aeria (4.74%|3.34%|1.25%|0.20%|0.24%|0.44%|3.80
SP58 Rothia dentocariosa (4.53%|8.76%|0.90%|0.22%|0.32%|0.41
SP753 Peptidiphaga sp._HMT_183 (0.16%|0.50%|0.05%|0.03%|
SP599 Peptidiphaga gingivicola (0.51%|0.43%|0.14%|0%|0.0
SP170 Schaalia meyeri (0%|0%|0%|0.12%|0.07%|0.13%|0%|
SP194 Schaalia lingnae_[Not_Validly_Published] (0.01%|0.00
SP54 Schaalia odontolyticus (0%|0%|0%|2.37%|0.95%|0.62%
SP133 Schaalia odontolytica (0%|0%|0%|1.24%|0.76%|0.56%
SP17 Schaalia sp._HMT_172 (0.02%|0.02%|0.02%|1.88%|0.4
SP87 Schaalia sp._HMT_180 (0%|0%|0%|0.86%|0.42%|0.21%
SP128 Actinomyces graevenitzii (0.00%|0.00%|0.03%|1.26
SP151 Actinomyces dentalis (0.06%|0.11%|0.00%|0.0
SP537 Actinomyces gerencseriae (0.25%|0.51%|0.01%|0.
SP111 Actinomyces massiliensis (1.12%|1.66%|0.13%|0.02
SP359 Actinomyces johnsonii (0%|0%|0%|0.01%|0.04%|0.0
SP122 Actinomyces naeslundii (0%|0%|0%|0.08%|0.11%|0.0
SP98 Actinomyces oris (0%|0%|0%|0.06%|0.06%|0.03%|0%
SP15 Actinomyces sp._HMT_175 (0%|0%|0%|0.08%|0.09%|
SP92 Actinomyces sp._HMT_169 (0%|0%|0%|0.08%|0.10%|
SP534 Ruminococcaceae_[G-2] bacterium_HMT_085 (0.01%|0.01%|0.0
SP94 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.05%|0.06%|0.1
SP181 Parvimonas sp._HMT_110 (0.01%|0.01%|0.00%|0.04%|0.04%|
SP226 Parvimonas micra (0.01%|0.01%|0.01%|0.01%|0.02%|0.02%|0.
SP289 Peptostreptococcus stomatis (0.00%|0.01%|0.01%|0.53%|
SP403 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_sulci (0.00
SP681 Mogibacterium diversum (0%|0%|0%|0.66%|0.19%|0.149
SP91 Oribacterium sinus (0.01%|0.01%|0.10%|0.17%|0.20%|0.17%|
SP287 Oribacterium asaccharolyticum (0.00%|0.00%|0.01%|0.03%|
SP110 Catonella morbi (0.00%|0.00%|0.02%|0.07%|0.05%|0.0
SP183 Stomatobaculum longum (0.02%|0.02%|0.01%|0.11%|0.07%
SP118 Stomatobaculum sp._HMT_097 (0.00%|0.00%|0.05%|0.07%
SP164 Lachnospiraceae_[G-2] bacterium_HMT_096 (0.04%|0.06%|0.02%
SP30 Lachnospiraceae_[G-3] bacterium_HMT_100 (0.08%|0.07%|0
SP187 Lachnoanaerobaculum saburreum (0.22%|0.38%|0.06%|0.01
SP36 Lachnoanaerobaculum orale (0.04%|0.04%|0.08%|0.34%|0.15
SP60 Lachnoanaerobaculum umeaense (0%|0%|0%|0.01%|0.04%|0
SP61 Lachnoanaerobaculum gingivalis (0%|0%|0%|0.06%|0.17%|0.
SP124 Selenomonas sp._HMT_136 (0%|0%|0%|0.05%|0.05%|0.03%
SP34 Selenomonas noxia (0.17%|0.28%|0.04%|0.00%|0.03%|0.04
SP79 Megasphaera micronuciformis (0.01%|0.00%|0.04%|0.14%|0.
SP125 Veillonella sp._HMT_780 (0.46%|0.23%|4.41%|0.08%|0.22
SP152 Veillonella atypica (0.17%|0.20%|0.11%|0.58%|0.41%|0.2
SP390 Veillonella rogosae (0%|0%|0%|0.56%|0.45%|0.36%|0%|
SP636 Veillonella tobetsuensis (0%|0%|0%|0.00%|0.03%|0.03%|
SP5 Veillonella denticariosi (0.53%|0.47%|0.18%|0%|0.03%|0.0
SP6 Veillonella parvula (0%|0%|0%|0.34%|0.27%|0.18%|0%|
SP7 Veillonella dispar (4.57%|5.38%|1.96%|0.22%|0.52%|0.75
SP204 Solobacterium moorei (0.00%|0.00%|0.02%|1.13%|0.83%
SP219 Gemella sanguinis (0%|0%|0%|1.97%|1.20%|0.85%|0%|
SP48 Gemella morbillorum (0%|0%|0%|1.11%|0.23%|0%|
SP123 Gemella haemolysans (0%|0%|0%|0.82%|1.91%|1.52%|0%|
SP38 Abiotrophia defectiva (2.89%|1.76%|0.89%|0.20%|0.60%|0.52%
SP24 Granulicatella elegans (0.37%|0.47%|4.82%|0.14%|1.28%|2.16
SP234 Granulicatella adiacens (1.08%|1.47%|1.29%|8.02%|4.29%|1
SP120 Streptococcus mutans (1.18%|1.71%|0.20%|0.02%|0.13
SP192 Streptococcus salivarius (0%|0%|0%|7.51%|6.34%|4.57
SP410 Streptococcus peroris (0%|0%|0%|0.02%|0.10%|0.08%|0
SP539 Streptococcus cristatus (0%|0%|0%|0.02%|0.05%|0.03%|
SP63 Streptococcus cristatus_clade_578 (0%|0%|0%|0%|0.15%|1.47
SP141 Streptococcus gordonii (0%|0%|0%|0.21%|0.08%|0.03%
SP158 Streptococcus anginosus (0.00%|0.01%|0.00%|0.02%
SP162 Streptococcus intermedius (0.48%|0.45%|0.17%|0.02
SP254 Streptococcus parasanguinis_clade_411 (0%|0%|0%|7.
SP402 Streptococcus sp._HMT_057 (0%|0%|0%|0.41%|0.19%|
SP59 Streptococcus sp._HMT_066 (0%|0%|0%|2.85%|1.54%|1.
SP153 Streptococcus australis (0%|0%|0%|2.40%|1.58%|1.36
SP284 Streptococcus sanguinis (18.86%|14.98%|6.26%|0.48%|
SP203 Streptococcus oralis_subsp._tigurinus_clade_071 (0%|0%
SP305 Streptococcus oralis_subsp._tigurinus_clade_070 (0%|0
SP283 Streptococcus oralis (0%|0%|0%|1.96%|1.28%|0.45%|0
SP235 Streptococcus sp._HMT_061 (0%|0%|0%|1.05%|0.54%|
SP169 Streptococcus sp._HMT_074 (0%|0%|0%|1.16%|0.50%
SP202 Streptococcus oralis_subsp._dentisani_clade_058 (0%|0
SP567 Streptococcus oralis_subsp._dentisani_clade_398 (0%|0
SP89 Streptococcus downii (0%|0%|0%|0.86%|3.34%|2.50%|0
SP150 Streptococcus infantis_clade_431 (0%|0%|0%|2.76%|2.
SP367 Streptococcus periodonticum (0%|0%|0%|1.04%|0.63%
SP471 Streptococcus sp._HMT_064 (0%|0%|0%|0.43%|0.84%|0
SP191 Streptococcus sp._HMT_423 (0%|0%|0%|2.16%|1.94%|
SP31 Streptococcus mitis (0%|0%|0%|2.94%|6.13%|3.67%|0%
SP217 Streptococcus chosunense (0%|0%|0%|1.01%|2.40%|2
SP134 Streptococcus pseudopneumoniae (0%|0%|0%|0.02%|0
Caries_Free_Plaque
Caries_Plaque
Missing_Saliva
Unknown
Caries_Saliva
Caries_Free_Saliva
Missing_Plaque
substitutions/site
0
0.2
0.4
0.6
0.8