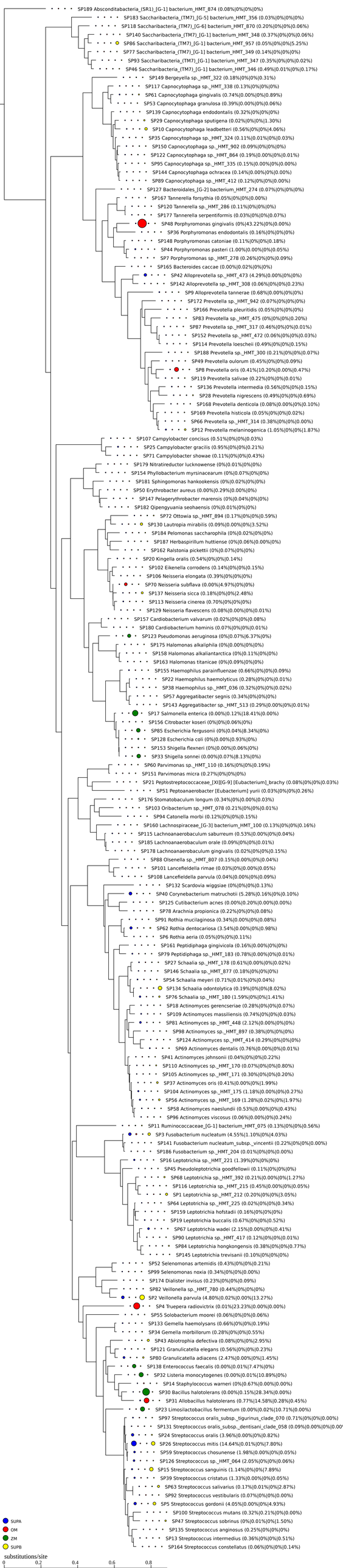
SP189 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0.08%|0%|0%|0%)
SP183 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (0.03%|0%|0%|0%)
SP118 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0.20%|0%|0%|0.06%)
SP140 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0.37%|0%|0%|0.06%)
SP86 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0.05%|0%|0%|5.25%)
SP77 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0.14%|0%|0%|0%)
SP93 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_347 (0.35%|0%|0%|0.02%)
SP46 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0.49%|0.01%|0%|0.17%)
SP149 Bergeyella sp._HMT_322 (0.18%|0%|0%|0.31%)
SP117 Capnocytophaga sp._HMT_338 (0.13%|0%|0%|0%)
SP61 Capnocytophaga gingivalis (0.74%|0.00%|0%|0.89%)
SP53 Capnocytophaga granulosa (0.39%|0.00%|0%|0.06%)
SP139 Capnocytophaga endodontalis (0.32%|0%|0%|0%)
SP29 Capnocytophaga sputigena (0.02%|0%|0%|1.30%)
SP10 Capnocytophaga leadbetteri (0.56%|0%|0%|4.06%)
SP35 Capnocytophaga sp._HMT_324 (0.11%|0.01%|0%|0.03%)
SP150 Capnocytophaga sp._HMT_902 (0.09%|0%|0%|0%)
SP122 Capnocytophaga sp._HMT_864 (0.19%|0.00%|0%|0.01%)
SP95 Capnocytophaga sp._HMT_335 (0.15%|0.00%|0%|0.00%)
SP144 Capnocytophaga ochracea (0.14%|0.00%|0%|0.00%)
SP89 Capnocytophaga sp._HMT_412 (0.12%|0%|0%|0.00%)
SP127 Bacteroidales_[G-2] bacterium_HMT_274 (0.07%|0%|0%|0%)
SP167 Tannerella forsythia (0.05%|0%|0%|0.00%)
SP120 Tannerella sp._HMT_286 (0.11%|0%|0%|0%)
SP177 Tannerella serpentiformis (0.03%|0%|0%|0.07%)
SP48 Porphyromonas gingivalis (0%|43.22%|0%|0.00%)
SP36 Porphyromonas endodontalis (0.16%|0%|0%|0%)
SP148 Porphyromonas catoniae (0.11%|0%|0%|0.18%)
SP44 Porphyromonas pasteri (1.00%|0.00%|0%|0.05%)
SP7 Porphyromonas sp._HMT_278 (0.26%|0%|0%|0.09%)
SP165 Bacteroides caccae (0.00%|0.02%|0%|0%)
SP42 Alloprevotella sp._HMT_473 (4.29%|0.00%|0%|0%)
SP142 Alloprevotella sp._HMT_308 (0.06%|0%|0%|0.23%)
SP9 Alloprevotella tannerae (0.68%|0.00%|0%|0%)
SP172 Prevotella sp._HMT_942 (0.07%|0%|0%|0%)
SP166 Prevotella pleuritidis (0.05%|0%|0%|0%)
SP83 Prevotella sp._HMT_475 (0%|0%|0%|0.20%)
SP87 Prevotella sp._HMT_317 (0.46%|0%|0%|0.01%)
SP152 Prevotella sp._HMT_472 (0.06%|0%|0%|0.03%)
SP114 Prevotella loescheii (0.49%|0%|0%|0.15%)
SP188 Prevotella sp._HMT_300 (0.21%|0%|0%|0.07%)
SP49 Prevotella oulorum (0.45%|0%|0%|0.09%)
SP8 Prevotella oris (0.41%|10.20%|0.00%|0.47%)
SP119 Prevotella salivae (0.22%|0%|0%|0.01%)
SP136 Prevotella intermedia (0.56%|0%|0%|0.15%)
SP28 Prevotella nigrescens (0.49%|0%|0%|0.69%)
SP168 Prevotella denticola (0.08%|0.00%|0%|0.10%)
SP169 Prevotella histicola (0.05%|0%|0%|0.02%)
SP66 Prevotella sp._HMT_314 (0.38%|0%|0%|0.00%)
SP12 Prevotella melaninogenica (1.05%|0%|0%|1.87%)
SP107 Campylobacter concisus (0.51%|0%|0%|0.03%)
SP25 Campylobacter gracilis (0.95%|0%|0%|0.21%)
SP71 Campylobacter showae (0.11%|0%|0%|0.43%)
SP179 Nitratireductor lucknowense (0%|0.01%|0%|0%)
SP154 Phyllobacterium myrsinacearum (0%|0.07%|0%|0%)
SP181 Sphingomonas hankookensis (0%|0.02%|0%|0%)
SP50 Erythrobacter aureus (0.00%|0.29%|0.00%|0%)
SP147 Pelagerythrobacter marensis (0%|0.04%|0%|0%)
SP182 Qipengyuania seohaensis (0%|0.01%|0%|0%)
SP72 Ottowia sp._HMT_894 (0.17%|0%|0%|0.59%)
SP130 Lautropia mirabilis (0.09%|0.00%|0%|3.52%)
SP184 Pelomonas saccharophila (0%|0.02%|0%|0%)
SP187 Herbaspirillum huttiense (0%|0.06%|0.00%|0%)
SP162 Ralstonia pickettii (0%|0.07%|0%|0%)
SP20 Kingella oralis (0.54%|0%|0%|0.14%)
SP102 Eikenella corrodens (0.14%|0%|0%|0.15%)
SP106 Neisseria elongata (0.39%|0%|0%|0%)
SP70 Neisseria subflava (0.00%|4.97%|0%|0%)
SP137 Neisseria sicca (0.18%|0%|0%|2.48%)
SP113 Neisseria cinerea (0.70%|0%|0%|0%)
SP129 Neisseria flavescens (0.08%|0.00%|0%|0.01%)
SP157 Cardiobacterium valvarum (0.02%|0%|0%|0.08%)
SP180 Cardiobacterium hominis (0.07%|0%|0%|0.01%)
SP123 Pseudomonas aeruginosa (0%|0.07%|6.37%|0%)
SP175 Halomonas alkaliphila (0%|0.00%|0%|0%)
SP158 Halomonas alkaliantarctica (0%|0.11%|0%|0%)
SP163 Halomonas titanicae (0%|0.09%|0%|0%)
SP155 Haemophilus parainfluenzae (0.66%|0%|0%|0.09%)
SP22 Haemophilus haemolyticus (0.28%|0%|0%|0.01%)
SP38 Haemophilus sp._HMT_036 (0.32%|0%|0%|0.02%)
SP57 Aggregatibacter segnis (0.34%|0%|0%|0%)
SP143 Aggregatibacter sp._HMT_513 (0.29%|0.00%|0%|0.01%)
SP17 Salmonella enterica (0.00%|0.12%|18.41%|0.00%)
SP156 Citrobacter koseri (0%|0%|0.06%|0%)
SP85 Escherichia fergusonii (0%|0.04%|8.34%|0%)
SP128 Escherichia coli (0%|0.00%|0.93%|0%)
SP153 Shigella flexneri (0%|0.00%|0.06%|0%)
SP33 Shigella sonnei (0.00%|0.07%|8.13%|0%)
SP60 Parvimonas sp._HMT_110 (0.16%|0%|0%|0.19%)
SP151 Parvimonas micra (0.27%|0%|0%|0%)
SP21 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.08%|0%|0%|0.03%)
SP51 Peptoanaerobacter [Eubacterium] yurii (0.03%|0%|0%|0.26%)
SP176 Stomatobaculum longum (0.34%|0%|0.00%|0.03%)
SP103 Oribacterium sp._HMT_078 (0.21%|0%|0%|0.01%)
SP94 Catonella morbi (0.12%|0%|0%|0.15%)
SP160 Lachnospiraceae_[G-3] bacterium_HMT_100 (0.13%|0%|0%|0.16%)
SP115 Lachnoanaerobaculum saburreum (0.53%|0.00%|0%|0.04%)
SP185 Lachnoanaerobaculum orale (0.09%|0%|0%|0.01%)
SP178 Lachnoanaerobaculum gingivalis (0.02%|0%|0%|0.15%)
SP88 Olsenella sp._HMT_807 (0.15%|0.00%|0%|0.04%)
SP101 Lancefieldella rimae (0.03%|0%|0.00%|0.05%)
SP108 Lancefieldella parvula (0.04%|0.00%|0%|0.09%)
SP132 Scardovia wiggsiae (0%|0%|0%|0.13%)
SP40 Corynebacterium matruchotii (5.28%|0.16%|0%|0.10%)
SP125 Cutibacterium acnes (0.00%|0.20%|0.00%|0.00%)
SP78 Arachnia propionica (0.22%|0%|0%|0.08%)
SP91 Rothia mucilaginosa (0.34%|0.00%|0%|0.08%)
SP62 Rothia dentocariosa (3.54%|0.00%|0%|0.98%)
SP6 Rothia aeria (0.05%|0%|0%|0.11%)
SP161 Peptidiphaga gingivicola (0.16%|0.00%|0%|0%)
SP79 Peptidiphaga sp._HMT_183 (0.78%|0.00%|0%|0.01%)
SP27 Schaalia sp._HMT_178 (0.61%|0.00%|0%|0.02%)
SP146 Schaalia sp._HMT_877 (0.18%|0%|0%|0%)
SP54 Schaalia meyeri (0.71%|0.01%|0%|0.04%)
SP134 Schaalia odontolytica (0.19%|0%|0%|8.02%)
SP76 Schaalia sp._HMT_180 (1.59%|0%|0%|1.41%)
SP18 Actinomyces gerencseriae (0.28%|0%|0%|0.07%)
SP109 Actinomyces massiliensis (0.74%|0%|0%|0.03%)
SP81 Actinomyces sp._HMT_448 (2.12%|0.00%|0%|0%)
SP98 Actinomyces sp._HMT_897 (0.38%|0%|0%|0%)
SP124 Actinomyces sp._HMT_414 (0.29%|0%|0%|0%)
SP69 Actinomyces dentalis (0.76%|0.00%|0%|0.01%)
SP41 Actinomyces johnsonii (0.04%|0%|0%|0.22%)
SP110 Actinomyces sp._HMT_170 (0.07%|0%|0%|0.80%)
SP105 Actinomyces sp._HMT_171 (0.30%|0%|0%|0.20%)
SP37 Actinomyces oris (0.41%|0.00%|0%|1.99%)
SP104 Actinomyces sp._HMT_175 (1.18%|0.00%|0%|0.27%)
SP56 Actinomyces sp._HMT_169 (1.28%|0.02%|0%|1.97%)
SP58 Actinomyces naeslundii (0.53%|0.00%|0%|0.43%)
SP96 Actinomyces viscosus (0.06%|0.00%|0%|0.24%)
SP11 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.13%|0%|0%|0.56%)
SP3 Fusobacterium nucleatum (4.55%|1.10%|0%|4.03%)
SP141 Fusobacterium nucleatum_subsp._vincentii (0.22%|0%|0%|0.00%)
SP186 Fusobacterium sp._HMT_204 (0.01%|0%|0%|0.00%)
SP16 Leptotrichia sp._HMT_221 (1.39%|0%|0%|0%)
SP45 Pseudoleptotrichia goodfellowii (0.11%|0%|0%|0%)
SP68 Leptotrichia sp._HMT_392 (0.21%|0.00%|0%|1.27%)
SP116 Leptotrichia sp._HMT_215 (0.45%|0.00%|0%|0.05%)
SP1 Leptotrichia sp._HMT_212 (0.20%|0%|0%|3.05%)
SP64 Leptotrichia sp._HMT_225 (0.02%|0%|0%|0.34%)
SP159 Leptotrichia hofstadii (0.16%|0%|0%|0%)
SP19 Leptotrichia buccalis (0.67%|0%|0%|0.52%)
SP67 Leptotrichia wadei (2.15%|0.00%|0%|0.41%)
SP90 Leptotrichia sp._HMT_417 (0.12%|0%|0%|0.01%)
SP84 Leptotrichia hongkongensis (0.38%|0%|0%|0.77%)
SP145 Leptotrichia trevisanii (0.10%|0%|0%|0%)
SP52 Selenomonas artemidis (0.43%|0%|0%|0.21%)
SP99 Selenomonas noxia (0.34%|0%|0%|0.00%)
SP174 Dialister invisus (0.23%|0%|0%|0.09%)
SP82 Veillonella sp._HMT_780 (0.44%|0%|0%|0%)
SP2 Veillonella parvula (4.80%|0.02%|0.00%|13.27%)
SP4 Truepera radiovictrix (0.01%|23.23%|0.00%|0.00%)
SP55 Solobacterium moorei (0.06%|0%|0%|0.06%)
SP133 Gemella haemolysans (0.66%|0%|0%|0.19%)
SP34 Gemella morbillorum (0.28%|0%|0%|0.55%)
SP43 Abiotrophia defectiva (0.08%|0%|0%|2.95%)
SP121 Granulicatella elegans (0.56%|0%|0%|0.23%)
SP80 Granulicatella adiacens (2.47%|0.00%|0%|1.45%)
SP138 Enterococcus faecalis (0.00%|0.01%|7.47%|0%)
SP32 Listeria monocytogenes (0.00%|0.01%|10.89%|0%)
SP14 Staphylococcus warneri (0%|0.67%|0.00%|0.00%)
SP30 Bacillus halotolerans (0.00%|0.15%|28.34%|0.00%)
SP31 Allobacillus halotolerans (0.77%|14.58%|0.28%|0.45%)
SP23 Limosilactobacillus fermentum (0.00%|0.02%|10.71%|0.00%)
SP97 Streptococcus oralis_subsp._tigurinus_clade_070 (0.71%|0%|0%|0.00%)
SP131 Streptococcus oralis_subsp._dentisani_clade_058 (0.09%|0.00%|0%|0.00%)
SP24 Streptococcus oralis (3.96%|0.00%|0%|0.82%)
SP26 Streptococcus mitis (14.64%|0.01%|0%|7.80%)
SP59 Streptococcus chosunense (1.98%|0.00%|0%|0.05%)
SP126 Streptococcus sp._HMT_064 (2.05%|0%|0%|0.06%)
SP15 Streptococcus sanguinis (1.14%|0%|0%|7.89%)
SP39 Streptococcus cristatus (1.33%|0.00%|0%|0.05%)
SP63 Streptococcus salivarius (0.17%|0.01%|0%|2.87%)
SP92 Streptococcus vestibularis (0.07%|0%|0%|0.00%)
SP5 Streptococcus gordonii (4.05%|0.00%|0%|4.93%)
SP100 Streptococcus mutans (0.32%|0.21%|0%|0.00%)
SP47 Streptococcus sobrinus (0%|0.01%|0%|1.50%)
SP135 Streptococcus anginosus (0.25%|0%|0%|0%)
SP13 Streptococcus intermedius (0.36%|0%|0%|0.51%)
SP164 Streptococcus constellatus (0.06%|0%|0%|0.14%)
SUPA
OM
ZM
SUPB
substitutions/site
0
0.2
0.4
0.6
0.8