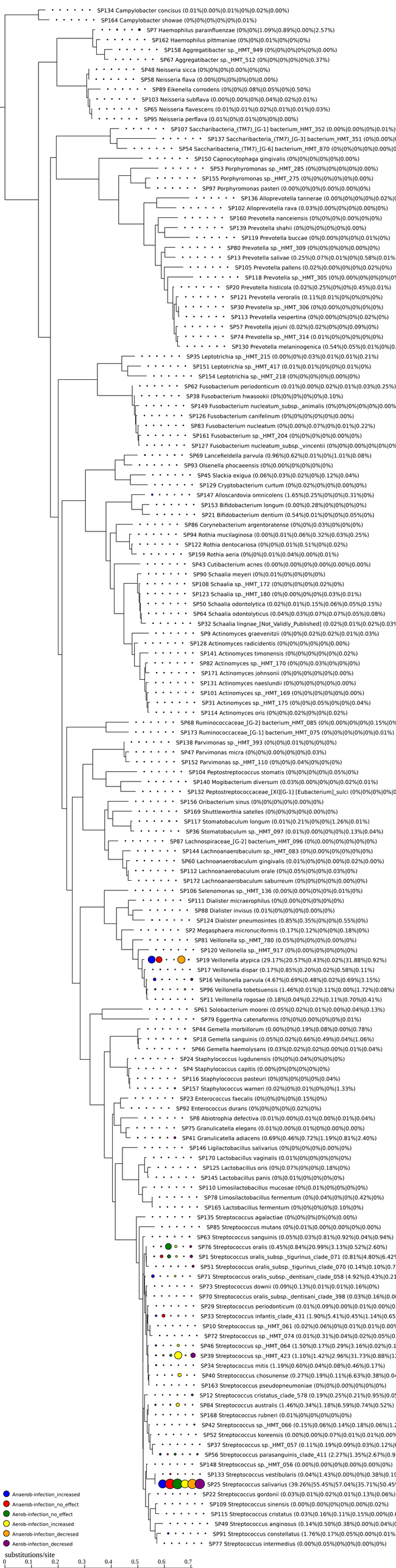
SP134 Campylobacter concisus (0.01%|0.00%|0.01%|0%|0.02%|0.00%)
SP164 Campylobacter showae (0%|0%|0%|0%|0%|0.01%)
SP7 Haemophilus parainfluenzae (0%|0%|1.09%|0.89%|0.00%|2.57%)
SP162 Haemophilus pittmaniae (0%|0%|0.01%|0%|0%|0%)
SP158 Aggregatibacter sp._HMT_949 (0%|0%|0%|0%|0%|0.00%)
SP67 Aggregatibacter sp._HMT_512 (0%|0%|0%|0%|0%|0.37%)
SP48 Neisseria sicca (0%|0%|0%|0.00%|0%|0%)
SP58 Neisseria flava (0.00%|0%|0%|0%|0%|0.00%)
SP89 Eikenella corrodens (0%|0%|0.08%|0.05%|0%|0.50%)
SP103 Neisseria subflava (0.00%|0.00%|0%|0.04%|0.02%|0.01%)
SP65 Neisseria flavescens (0.01%|0.01%|0.02%|0.01%|0.01%|0.03%)
SP95 Neisseria perflava (0.01%|0%|0.01%|0%|0%|0.00%)
SP107 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_352 (0.00%|0.00%|0%|0.01%|
SP137 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (0%|0.00%|
SP54 Saccharibacteria_(TM7)_[G-6] bacterium_HMT_870 (0%|0%|0%|0%|0.00%|0
SP150 Capnocytophaga gingivalis (0%|0%|0%|0%|0%|0.00%)
SP53 Porphyromonas sp._HMT_285 (0%|0%|0%|0%|0%|0.00%)
SP155 Porphyromonas sp._HMT_275 (0%|0%|0%|0%|0%|0.00%)
SP97 Porphyromonas pasteri (0.00%|0%|0%|0.00%|0.00%|0%)
SP136 Alloprevotella tannerae (0.00%|0%|0%|0%|0.02%|0
SP102 Alloprevotella rava (0.03%|0.00%|0%|0%|0.00%|0%)
SP160 Prevotella nanceiensis (0%|0%|0%|0.00%|0%|0%)
SP139 Prevotella shahii (0%|0%|0%|0%|0%|0.00%)
SP119 Prevotella buccae (0%|0.00%|0%|0%|0.01%|0%)
SP80 Prevotella sp._HMT_309 (0%|0%|0%|0%|0.00%|0%)
SP13 Prevotella salivae (0.25%|0.07%|0.01%|0%|0.58%|0.01%
SP105 Prevotella pallens (0.02%|0.00%|0%|0%|0.02%|0%)
SP118 Prevotella sp._HMT_305 (0%|0.00%|0%|0%|0%|0%|0%
SP20 Prevotella histicola (0.02%|0.25%|0%|0%|0.45%|0.01%)
SP121 Prevotella veroralis (0.11%|0.01%|0%|0%|0%|0%)
SP30 Prevotella sp._HMT_306 (0%|0.00%|0%|0%|0%|0%)
SP113 Prevotella vespertina (0%|0.00%|0%|0%|0.02%|0%)
SP57 Prevotella jejuni (0.02%|0.02%|0%|0%|0.09%|0%)
SP74 Prevotella sp._HMT_314 (0.01%|0%|0%|0%|0%|0%)
SP130 Prevotella melaninogenica (0.54%|0.05%|0.01%|0%|0.
SP35 Leptotrichia sp._HMT_215 (0.00%|0%|0.03%|0.01%|0.01%|0.21%)
SP151 Leptotrichia sp._HMT_417 (0.01%|0.01%|0%|0%|0.01%|0%)
SP154 Leptotrichia sp._HMT_218 (0%|0%|0%|0%|0.00%|0%)
SP62 Fusobacterium periodonticum (0.01%|0.00%|0.02%|0.01%|0.03%|0.25%)
SP38 Fusobacterium hwasookii (0%|0%|0%|0%|0%|0.10%)
SP149 Fusobacterium nucleatum_subsp._animalis (0%|0%|0%|0%|0%|0.00%
SP126 Fusobacterium canifelinum (0%|0%|0%|0%|0%|0.00%)
SP83 Fusobacterium nucleatum (0%|0.00%|0.07%|0%|0.01%|0.22%)
SP161 Fusobacterium sp._HMT_204 (0%|0%|0%|0%|0.00%|0%)
SP127 Fusobacterium nucleatum_subsp._vincentii (0%|0%|0.00%|0%|0%|0%
SP69 Lancefieldella parvula (0.96%|0.62%|0.01%|0%|1.01%|0.08%)
SP93 Olsenella phocaeensis (0%|0.00%|0%|0%|0%|0%)
SP45 Slackia exigua (0.06%|0.03%|0.02%|0%|0.12%|0.04%)
SP129 Cryptobacterium curtum (0%|0.02%|0%|0%|0.00%|0%)
SP147 Alloscardovia omnicolens (1.65%|0.25%|0%|0%|0.31%|0%)
SP153 Bifidobacterium longum (0.00%|0.28%|0%|0%|0%|0%)
SP21 Bifidobacterium dentium (0.54%|0.01%|0%|0%|0.05%|0%)
SP86 Corynebacterium argentoratense (0%|0%|0.03%|0%|0%|0%)
SP94 Rothia mucilaginosa (0.00%|0.01%|0.06%|0.32%|0.03%|0.25%)
SP122 Rothia dentocariosa (0%|0%|0.01%|0.51%|0%|0.02%)
SP159 Rothia aeria (0%|0%|0.01%|0.04%|0.00%|0.01%)
SP43 Cutibacterium acnes (0.00%|0.00%|0%|0.00%|0.00%|0.00%)
SP90 Schaalia meyeri (0%|0.01%|0%|0%|0%|0%)
SP108 Schaalia sp._HMT_172 (0%|0%|0%|0%|0.02%|0%)
SP123 Schaalia sp._HMT_180 (0%|0.00%|0%|0%|0.03%|0.01%)
SP50 Schaalia odontolytica (0.02%|0.01%|0.15%|0.06%|0.05%|0.15%)
SP64 Schaalia odontolyticus (0.04%|0.03%|0.07%|0.07%|0.05%|0.08%)
SP32 Schaalia lingnae_[Not_Validly_Published] (0.02%|0.01%|0.02%|0.03%
SP9 Actinomyces graevenitzii (0%|0%|0.02%|0.02%|0.01%|0.03%)
SP128 Actinomyces radicidentis (0%|0%|0%|0%|0%|0.00%)
SP141 Actinomyces timonensis (0%|0%|0%|0%|0%|0.02%)
SP82 Actinomyces sp._HMT_170 (0%|0%|0.03%|0%|0%|0%)
SP171 Actinomyces johnsonii (0%|0%|0%|0%|0%|0.00%)
SP131 Actinomyces naeslundii (0%|0%|0%|0%|0%|0.00%)
SP101 Actinomyces sp._HMT_169 (0%|0%|0%|0%|0%|0.00%)
SP31 Actinomyces sp._HMT_175 (0%|0%|0.05%|0%|0%|0.04%)
SP114 Actinomyces oris (0%|0%|0.02%|0%|0%|0.02%)
SP68 Ruminococcaceae_[G-2] bacterium_HMT_085 (0%|0.00%|0%|0%|0.15%|0%
SP173 Ruminococcaceae_[G-1] bacterium_HMT_075 (0%|0%|0%|0%|0%|0.01%)
SP138 Parvimonas sp._HMT_393 (0%|0%|0.01%|0%|0%|0%)
SP47 Parvimonas micra (0%|0%|0.00%|0%|0%|0.03%)
SP152 Parvimonas sp._HMT_110 (0%|0%|0.04%|0%|0%|0%)
SP104 Peptostreptococcus stomatis (0%|0%|0%|0%|0.05%|0%)
SP140 Mogibacterium diversum (0.03%|0.00%|0%|0%|0.02%|0.01%)
SP132 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_sulci (0%|0%|0%|0%|0
SP156 Oribacterium sinus (0%|0%|0%|0%|0.00%|0%)
SP169 Shuttleworthia satelles (0%|0%|0%|0%|0.00%|0%)
SP117 Stomatobaculum longum (0.01%|0.21%|0%|0%|1.26%|0.01%)
SP36 Stomatobaculum sp._HMT_097 (0.01%|0.00%|0%|0%|0.13%|0.04%)
SP87 Lachnospiraceae_[G-2] bacterium_HMT_096 (0%|0.00%|0%|0%|0%|0%)
SP144 Lachnoanaerobaculum sp._HMT_083 (0%|0.00%|0%|0%|0%|0%)
SP60 Lachnoanaerobaculum gingivalis (0.01%|0%|0%|0%|0.00%|0.02%|0.00%)
SP112 Lachnoanaerobaculum orale (0%|0.05%|0%|0%|0.03%|0%)
SP172 Lachnoanaerobaculum saburreum (0%|0%|0%|0%|0.00%|0%)
SP106 Selenomonas sp._HMT_136 (0.00%|0.00%|0%|0%|0.01%|0%)
SP111 Dialister micraerophilus (0%|0.00%|0%|0%|0%|0%)
SP88 Dialister invisus (0.01%|0%|0%|0%|0.00%|0%)
SP124 Dialister pneumosintes (0.85%|0.35%|0%|0%|0.55%|0%)
SP2 Megasphaera micronuciformis (0.17%|0.12%|0%|0%|0.18%|0%)
SP81 Veillonella sp._HMT_780 (0.05%|0%|0%|0%|0.00%|0%)
SP120 Veillonella sp._HMT_917 (0%|0.00%|0%|0%|0%|0%)
SP19 Veillonella atypica (29.17%|20.57%|0.43%|0.02%|31.88%|0.92%)
SP17 Veillonella dispar (0.17%|0.85%|0.20%|0.02%|0.58%|0.11%)
SP16 Veillonella parvula (4.67%|0.69%|0.48%|0.02%|0.69%|3.15%)
SP96 Veillonella tobetsuensis (1.46%|0.01%|0.11%|0.00%|1.72%|0.08%)
SP11 Veillonella rogosae (0.18%|0.04%|0.22%|0.11%|0.70%|0.41%)
SP61 Solobacterium moorei (0.05%|0.02%|0.01%|0.00%|0.04%|0.13%)
SP79 Eggerthia catenaformis (0%|0%|0.00%|0%|0%|0.01%)
SP44 Gemella morbillorum (0.00%|0%|0.19%|0.08%|0.00%|0.78%)
SP18 Gemella sanguinis (0.05%|0.02%|0.66%|0.49%|0.04%|1.06%)
SP66 Gemella haemolysans (0.03%|0.02%|0.02%|0.00%|0.01%|0.04%)
SP24 Staphylococcus lugdunensis (0%|0%|0.04%|0%|0%|0%)
SP4 Staphylococcus capitis (0.00%|0%|0%|0%|0%|0%)
SP116 Staphylococcus pasteuri (0%|0%|0%|0%|0%|0.04%)
SP157 Staphylococcus warneri (0.02%|0%|0.01%|0%|0%|1.33%)
SP23 Enterococcus faecalis (0%|0%|0%|0%|0.15%|0%)
SP92 Enterococcus durans (0%|0%|0%|0%|0.02%|0%)
SP8 Abiotrophia defectiva (0.01%|0.00%|0.01%|0.00%|0.01%|0.04%)
SP75 Granulicatella elegans (0.01%|0.00%|0.01%|0%|0.00%|0.00%)
SP41 Granulicatella adiacens (0.69%|0.46%|0.72%|1.19%|0.81%|2.40%)
SP146 Ligilactobacillus salivarius (0%|0%|0%|0%|0.00%|0%)
SP170 Lactobacillus vaginalis (0.01%|0%|0%|0%|0%|0%)
SP125 Lactobacillus oris (0%|0.07%|0%|0%|0.18%|0%)
SP145 Lactobacillus panis (0%|0.01%|0%|0%|0%|0%)
SP110 Limosilactobacillus mucosae (0%|0.01%|0%|0%|0%|0%)
SP78 Limosilactobacillus fermentum (0%|0.04%|0%|0%|0.42%|0%)
SP165 Lactobacillus fermentum (0%|0%|0%|0%|0.10%|0%)
SP135 Streptococcus agalactiae (0%|0%|0%|0%|0%|0.00%)
SP85 Streptococcus mutans (0%|0.01%|0.00%|0.00%|0%|0.00%)
SP63 Streptococcus sanguinis (0.05%|0.03%|0.81%|0.92%|0.04%|0.94%)
SP76 Streptococcus oralis (0.45%|0.84%|20.99%|3.13%|0.52%|2.60%)
SP1 Streptococcus oralis_subsp._tigurinus_clade_071 (0.81%|4.80%|6.42%
SP51 Streptococcus oralis_subsp._tigurinus_clade_070 (0.14%|0.10%|0.7
SP71 Streptococcus oralis_subsp._dentisani_clade_058 (4.92%|0.43%|0.21
SP73 Streptococcus downii (0.09%|0.13%|0.01%|0.01%|0.16%|0%)
SP70 Streptococcus oralis_subsp._dentisani_clade_398 (0.03%|0.16%|0.0
SP29 Streptococcus periodonticum (0.01%|0.09%|0.00%|0.01%|0.00%|0
SP33 Streptococcus infantis_clade_431 (1.90%|5.41%|0.45%|1.14%|0.65
SP10 Streptococcus sp._HMT_061 (0.02%|0.06%|0%|0.01%|0.01%|0.00%
SP72 Streptococcus sp._HMT_074 (0.01%|0.31%|0.04%|0.02%|0.05%|0
SP46 Streptococcus sp._HMT_064 (1.50%|0.17%|0.29%|3.16%|0.02%|0.1
SP39 Streptococcus sp._HMT_423 (1.10%|1.42%|2.96%|31.73%|0.88%|1
SP34 Streptococcus mitis (1.19%|0.60%|0.04%|0.08%|0.46%|0.17%)
SP40 Streptococcus chosunense (0.27%|0.19%|0.11%|6.63%|0.38%|0.04
SP163 Streptococcus pseudopneumoniae (0%|0%|0.00%|0%|0%|0%)
SP12 Streptococcus cristatus_clade_578 (0.19%|0.25%|0.21%|0.95%|0.05
SP84 Streptococcus australis (1.46%|0.34%|1.18%|6.59%|0.74%|0.52%)
SP168 Streptococcus rubneri (0.01%|0%|0%|0%|0%|0%)
SP42 Streptococcus sp._HMT_066 (0.15%|0.06%|0.14%|0.18%|0.06%|1.7
SP52 Streptococcus koreensis (0.00%|0.00%|0.07%|0.01%|0.01%|0.00%
SP37 Streptococcus sp._HMT_057 (0.11%|0.19%|0.09%|0.03%|0.12%|
SP56 Streptococcus parasanguinis_clade_411 (2.27%|1.35%|2.67%|0.9
SP148 Streptococcus sp._HMT_056 (0.00%|0.00%|0%|0.00%|0.00%|0%)
SP133 Streptococcus vestibularis (0.04%|1.43%|0.00%|0%|0.38%|0.19
SP25 Streptococcus salivarius (39.26%|55.45%|57.04%|35.71%|50.45
SP22 Streptococcus gordonii (0.03%|0.01%|0.02%|0.01%|0.13%|0.06%)
SP109 Streptococcus sinensis (0.00%|0.00%|0%|0.00%|0.02%)
SP115 Streptococcus cristatus (0.03%|0.16%|0.11%|0.15%|0.00%|0.0
SP49 Streptococcus anginosus (0.14%|0.50%|0.38%|0.00%|0.04%|0
SP91 Streptococcus constellatus (1.76%|0.17%|0.05%|0.00%|0.01%
SP77 Streptococcus intermedius (0.00%|0.05%|0%|0%|0.00%|0%)
Anaerob-infection_increased
Anaerob-infection_no_effect
Aerob-infection_no_effect
Aerob-infection_increased
Anaerob-infection_decresed
Aerob-infection_decresed
substitutions/site
0.1
0.2
0.3
0.4
0.5
0.6
0.7