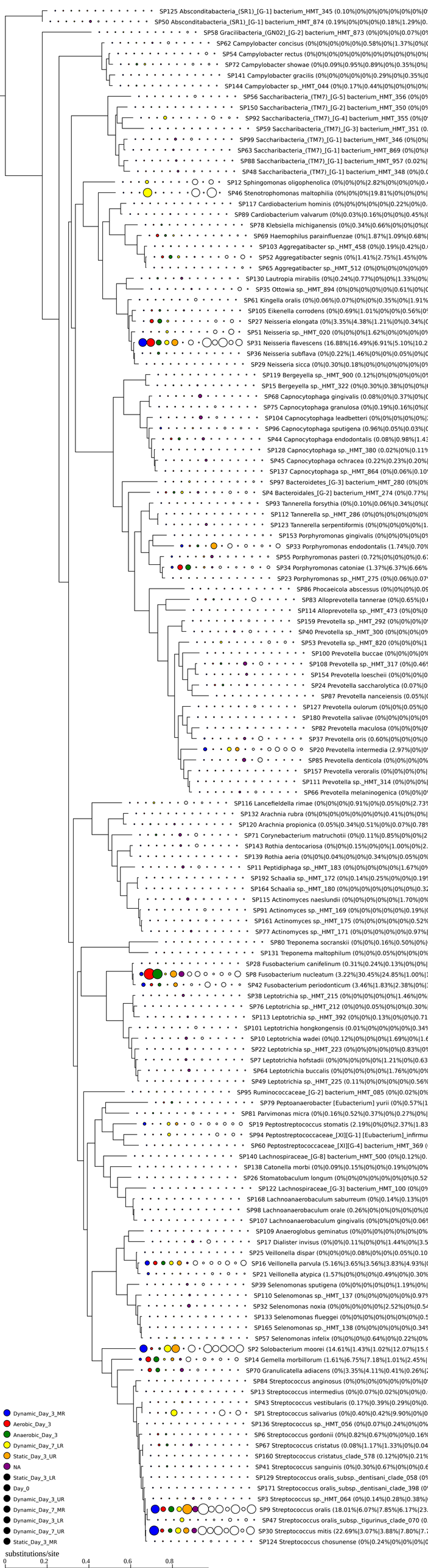
SP125 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0.10%|0%|0%|0%|0%|0%|0%|0%|0%
SP50 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0.19%|0%|0%|0%|0%|0.18%|1.29%|0.
SP58 Gracilibacteria_(GN02)_[G-2] bacterium_HMT_873 (0%|0%|0%|0.07%|0%
SP62 Campylobacter concisus (0%|0%|0%|0%|0%|0.58%|0%|1.37%|0%|
SP54 Campylobacter rectus (0%|0%|0%|0%|0%|0%|0%|0%|0%|0%|0%|
SP72 Campylobacter showae (0%|0.09%|0.95%|0.89%|0%|0.35%|0%|
SP141 Campylobacter gracilis (0%|0%|0%|0%|0%|0.29%|0%|0.35%|0
SP144 Campylobacter sp._HMT_044 (0%|0.17%|0.44%|0%|0%|0%|0%|
SP56 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (0%|0%
SP150 Saccharibacteria_(TM7)_[G-2] bacterium_HMT_350 (0%|0%
SP92 Saccharibacteria_(TM7)_[G-4] bacterium_HMT_355 (0%|0
SP59 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (0.
SP99 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0%|0%|
SP63 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0%|0%|
SP88 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0.02%|
SP48 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0%|0.0
SP12 Sphingomonas oligophenolica (0%|0%|0%|2.82%|0%|0%|0%|0.4
SP46 Stenotrophomonas maltophilia (0%|0%|0%|19.81%|0%|0%|0%|
SP117 Cardiobacterium hominis (0%|0%|0%|0%|0%|0.22%|0%|0.
SP89 Cardiobacterium valvarum (0%|0.03%|0.16%|0%|0%|0.45%|0
SP78 Klebsiella michiganensis (0%|0.34%|0.66%|0%|0%|0%|0
SP69 Haemophilus parainfluenzae (0%|1.87%|1.09%|0.68%|
SP103 Aggregatibacter sp._HMT_458 (0%|0.19%|0.42%|0.
SP52 Aggregatibacter segnis (0%|1.41%|2.75%|1.45%|0%
SP65 Aggregatibacter sp._HMT_512 (0%|0%|0%|0%|0%|0%
SP130 Lautropia mirabilis (0%|0.24%|0.77%|0%|0%|1.33%|0%|
SP35 Ottowia sp._HMT_894 (0%|0%|0%|0%|0%|0.61%|0%|0
SP61 Kingella oralis (0%|0.06%|0.07%|0%|0%|0.35%|0%|1.91%
SP105 Eikenella corrodens (0%|0.69%|1.01%|0%|0%|0.56%|0%
SP27 Neisseria elongata (0%|3.35%|4.38%|1.21%|0%|0.34%|0
SP51 Neisseria sp._HMT_020 (0%|0%|0%|1.62%|0%|0%|0%|0%
SP31 Neisseria flavescens (16.88%|16.49%|6.91%|5.10%|10.2
SP36 Neisseria subflava (0%|0.22%|1.46%|0%|0%|0.05%|0%|0
SP29 Neisseria sicca (0%|0.30%|0.18%|0%|0%|0%|0%|0%|0%
SP119 Bergeyella sp._HMT_900 (0.12%|0%|0%|0%|0%|0%
SP15 Bergeyella sp._HMT_322 (0%|0.30%|0.38%|0%|0%|0
SP68 Capnocytophaga gingivalis (0.08%|0%|0.37%|0%|0
SP75 Capnocytophaga granulosa (0%|0.19%|0.16%|0%|0
SP104 Capnocytophaga leadbetteri (0%|0%|0%|0%|0%|
SP96 Capnocytophaga sputigena (0.96%|0.05%|0.03%|0
SP44 Capnocytophaga endodontalis (0.08%|0.98%|1.43
SP128 Capnocytophaga sp._HMT_380 (0.02%|0%|0.11%
SP45 Capnocytophaga ochracea (0.22%|0.23%|0.20%|
SP137 Capnocytophaga sp._HMT_864 (0%|0.06%|0.10
SP97 Bacteroidetes_[G-3] bacterium_HMT_280 (0%|0%
SP4 Bacteroidales_[G-2] bacterium_HMT_274 (0%|0.77%|
SP93 Tannerella forsythia (0%|0.10%|0.06%|0.34%|0%|0
SP112 Tannerella sp._HMT_286 (0%|0%|0%|0%|0%|0%
SP123 Tannerella serpentiformis (0%|0%|0%|0%|0%|1.
SP153 Porphyromonas gingivalis (0%|0%|0%|0%|0%
SP33 Porphyromonas endodontalis (1.74%|0.70%
SP55 Porphyromonas pasteri (0.72%|0%|0%|0.67
SP34 Porphyromonas catoniae (1.37%|6.37%|6.66%
SP23 Porphyromonas sp._HMT_275 (0%|0.06%|0.07
SP86 Phocaeicola abscessus (0%|0%|0%|0.09
SP83 Alloprevotella tannerae (0%|0.65%|0.
SP114 Alloprevotella sp._HMT_473 (0%|0%|0
SP159 Prevotella sp._HMT_292 (0%|0%|0%|0
SP40 Prevotella sp._HMT_300 (0%|0%|0%|0%
SP53 Prevotella sp._HMT_820 (0%|0%|0%|1
SP100 Prevotella buccae (0%|0%|0%|0%
SP108 Prevotella sp._HMT_317 (0%|0.46
SP154 Prevotella loescheii (0%|0%|0%|0
SP24 Prevotella saccharolytica (0.07%|0
SP87 Prevotella nanceiensis (0.05%|0
SP127 Prevotella oulorum (0%|0%|0.05%|0
SP180 Prevotella salivae (0%|0%|0%|0%
SP82 Prevotella maculosa (0%|0%|0%|0
SP37 Prevotella oris (0.60%|0%|0%|0%
SP20 Prevotella intermedia (2.97%|0%|0
SP85 Prevotella denticola (0%|0%|0%|0%
SP157 Prevotella veroralis (0%|0%|0%|0%|
SP111 Prevotella sp._HMT_314 (0%|0%|0%|
SP66 Prevotella melaninogenica (0%|0%|0
SP116 Lancefieldella rimae (0%|0%|0%|0.91%|0%|0.05%|0%|2.73%
SP132 Arachnia rubra (0%|0%|0%|0%|0%|0%|0%|0.41%|0%|0%|
SP120 Arachnia propionica (0.05%|0.34%|0.51%|0%|0%|0.07%|0.78%
SP71 Corynebacterium matruchotii (0%|0.11%|0.85%|0%|0%|2
SP143 Rothia dentocariosa (0%|0%|0.15%|0%|0%|1.00%|0%|2.
SP139 Rothia aeria (0%|0%|0.04%|0%|0%|0.34%|0%|0.05%|0%
SP11 Peptidiphaga sp._HMT_183 (0%|0%|0%|0%|0%|1.67%|0%
SP192 Schaalia sp._HMT_172 (0%|0.14%|0.25%|0%|0%|0.19
SP164 Schaalia sp._HMT_180 (0%|0%|0%|0%|0%|0%|0%|0.32
SP115 Actinomyces naeslundii (0%|0%|0%|0%|0%|1.70%|0%
SP91 Actinomyces sp._HMT_169 (0%|0%|0%|0%|0%|0.19%|0
SP161 Actinomyces sp._HMT_175 (0%|0%|0%|0%|0%|0.52%
SP77 Actinomyces sp._HMT_171 (0%|0%|0%|0%|0%|0.97%|
SP80 Treponema socranskii (0%|0%|0.16%|0.50%|0%|
SP131 Treponema maltophilum (0%|0%|0.05%|0%|0%|0%
SP28 Fusobacterium canifelinum (0.31%|0.24%|0.13%|0%|0%|
SP8 Fusobacterium nucleatum (3.22%|30.45%|24.85%|1.00%|
SP42 Fusobacterium periodonticum (3.46%|1.83%|2.38%|0%|
SP38 Leptotrichia sp._HMT_215 (0%|0%|0%|0%|0%|1.46%|0%|
SP76 Leptotrichia sp._HMT_212 (0%|0%|0.05%|0%|0%|0.30%|
SP113 Leptotrichia sp._HMT_392 (0%|0%|0.13%|0%|0%|0.71
SP101 Leptotrichia hongkongensis (0.01%|0%|0%|0%|0%|0.34%
SP10 Leptotrichia wadei (0%|0.12%|0%|0%|0%|1.69%|0%|1.6
SP22 Leptotrichia sp._HMT_223 (0%|0%|0%|0%|0%|0.83%|0%
SP7 Leptotrichia hofstadii (0%|0%|0%|0%|0%|1.21%|0%|0.63
SP64 Leptotrichia buccalis (0%|0%|0%|0%|0%|1.76%|0%|0%
SP49 Leptotrichia sp._HMT_225 (0.11%|0%|0%|0%|0%|0.56%
SP95 Ruminococcaceae_[G-2] bacterium_HMT_085 (0%|0.02%|0%
SP79 Peptoanaerobacter [Eubacterium] yurii (0%|0.57%|1
SP81 Parvimonas micra (0%|0.16%|0.52%|0.37%|0%|0.27%|0%|
SP19 Peptostreptococcus stomatis (2.19%|0%|0%|2.37%|1.83
SP94 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmu
SP60 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (
SP140 Lachnospiraceae_[G-8] bacterium_HMT_500 (0%|0.12%|0.
SP138 Catonella morbi (0%|0.09%|0.15%|0%|0%|0.19%|0%|0%
SP26 Stomatobaculum longum (0%|0%|0%|0%|0%|0%|0%|0.52
SP122 Lachnospiraceae_[G-3] bacterium_HMT_100 (0%|0%
SP168 Lachnoanaerobaculum saburreum (0%|0.14%|0.13%|0%
SP98 Lachnoanaerobaculum orale (0.26%|0%|0%|0%|0%|0%|0
SP107 Lachnoanaerobaculum gingivalis (0%|0%|0%|0%|0%|0.06%
SP109 Anaeroglobus geminatus (0%|0%|0%|0%|0%|0%|0%|
SP17 Dialister invisus (0%|0%|0.11%|0%|0%|1.44%|0%|3.5
SP25 Veillonella dispar (0%|0%|0%|0.08%|0%|0%|0.05%|0.10
SP16 Veillonella parvula (5.16%|3.65%|3.56%|3.83%|4.93%|0
SP21 Veillonella atypica (1.57%|0%|0%|0%|0.49%|0%|0.30%
SP39 Selenomonas sputigena (0%|0%|0%|0%|0%|1.19%|0%|
SP110 Selenomonas sp._HMT_137 (0%|0%|0%|0%|0%|0.97%
SP32 Selenomonas noxia (0%|0%|0%|0%|0%|2.52%|0%|0.54
SP133 Selenomonas flueggei (0%|0%|0%|0%|0%|0%|0%|0.5
SP165 Selenomonas sp._HMT_138 (0%|0%|0%|0%|0%|0.34%
SP57 Selenomonas infelix (0%|0%|0%|0.64%|0%|0.22%|0%
SP2 Solobacterium moorei (14.61%|1.43%|1.02%|12.07%|15.9
SP14 Gemella morbillorum (1.61%|6.75%|7.18%|1.01%|2.45%|
SP70 Granulicatella adiacens (0%|3.35%|4.11%|0.41%|0.26%|2
SP84 Streptococcus anginosus (0%|0%|0%|0%|0%|0%|0%|0%
SP13 Streptococcus intermedius (0%|0.07%|0.02%|0%|0%|0.
SP43 Streptococcus vestibularis (0.17%|0.39%|0.29%|0%|0.
SP1 Streptococcus salivarius (0%|0.40%|0.42%|9.90%|0%|0
SP136 Streptococcus sp._HMT_056 (0%|0.07%|0.24%|0%|0%
SP6 Streptococcus gordonii (0%|0.82%|0.67%|0%|0%|0.16%
SP67 Streptococcus cristatus (0.08%|1.17%|1.33%|0%|0.04
SP160 Streptococcus cristatus_clade_578 (0.12%|0%|0.21%
SP41 Streptococcus sanguinis (0%|0.30%|0.67%|0%|0%|0.6
SP129 Streptococcus oralis_subsp._dentisani_clade_058 (0%
SP171 Streptococcus oralis_subsp._dentisani_clade_398 (0%
SP3 Streptococcus sp._HMT_064 (0%|0.14%|0.28%|0.38%|
SP9 Streptococcus oralis (18.01%|6.07%|7.85%|6.17%|23.
SP47 Streptococcus oralis_subsp._tigurinus_clade_070 (0.
SP30 Streptococcus mitis (22.69%|3.07%|3.88%|7.80%|7.7
SP124 Streptococcus chosunense (0%|0.24%|0%|0%|0%|0
Dynamic_Day_3_MR
Aerobic_Day_3
Anaerobic_Day_3
Dynamic_Day_7_LR
Static_Day_3_UR
NA
Static_Day_3_LR
Day_0
Dynamic_Day_3_UR
Dynamic_Day_7_MR
Dynamic_Day_3_LR
Dynamic_Day_7_UR
Static_Day_3_MR
substitutions/site
0
0.2
0.4
0.6
0.8