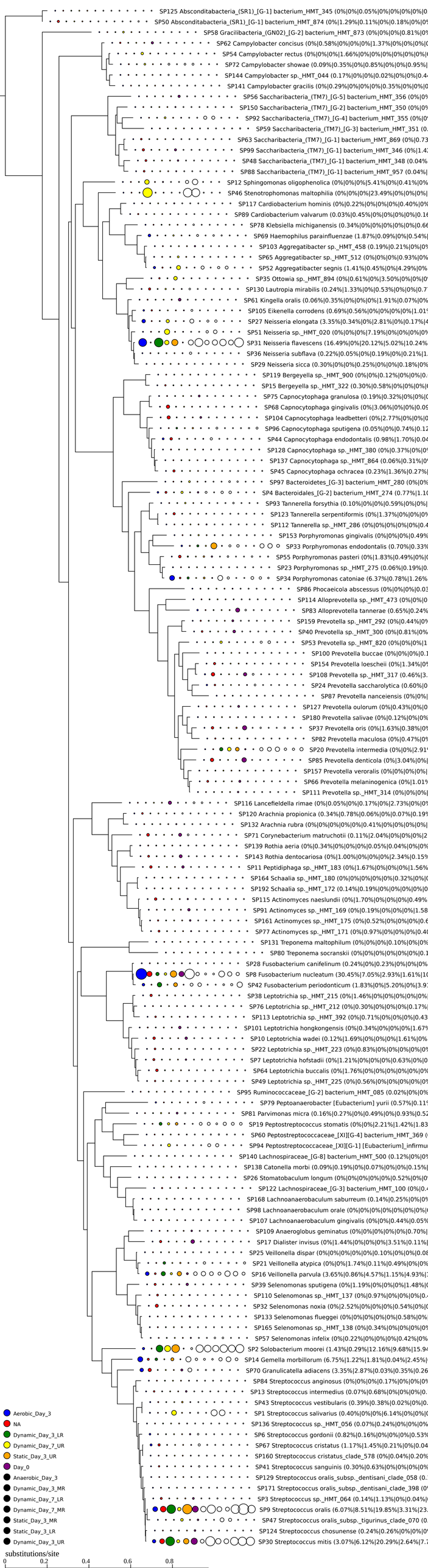
SP125 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0%|0%|0.05%|0%|0%|0%|0%|0.0
SP50 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0%|1.29%|0.11%|0%|0.18%|0%|0%
SP58 Gracilibacteria_(GN02)_[G-2] bacterium_HMT_873 (0%|0%|0%|0.81%|0%
SP62 Campylobacter concisus (0%|0.58%|0%|0%|0%|1.37%|0%|0%|0%|0
SP54 Campylobacter rectus (0%|0%|0%|1.66%|0%|0%|0%|0%|0%|0%|
SP72 Campylobacter showae (0.09%|0.35%|0%|0.85%|0%|0%|0.95%|
SP144 Campylobacter sp._HMT_044 (0.17%|0%|0%|0.02%|0%|0%|0.4
SP141 Campylobacter gracilis (0%|0.29%|0%|0%|0%|0.35%|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.
SP63 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0%|0.73
SP99 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0%|1.4
SP48 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0.04%
SP88 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0.04%|
SP12 Sphingomonas oligophenolica (0%|0%|0%|5.41%|0%|0.41%|0%
SP46 Stenotrophomonas maltophilia (0%|0%|0%|23.49%|0%|0%|0%|
SP117 Cardiobacterium hominis (0%|0.22%|0%|0%|0%|0.40%|0%
SP89 Cardiobacterium valvarum (0.03%|0.45%|0%|0%|0%|0%|0.16
SP78 Klebsiella michiganensis (0.34%|0%|0%|0%|0%|0%|0.66
SP69 Haemophilus parainfluenzae (1.87%|0.09%|0%|0.54%|
SP103 Aggregatibacter sp._HMT_458 (0.19%|0.21%|0%|0%
SP65 Aggregatibacter sp._HMT_512 (0%|0%|0%|0.93%|0%
SP52 Aggregatibacter segnis (1.41%|0.45%|0%|4.29%|0%
SP35 Ottowia sp._HMT_894 (0%|0.61%|0%|3.50%|0%|0%|0
SP130 Lautropia mirabilis (0.24%|1.33%|0%|0.53%|0%|0%|0.7
SP61 Kingella oralis (0.06%|0.35%|0%|0%|0%|1.91%|0.07%|0%
SP105 Eikenella corrodens (0.69%|0.56%|0%|0%|0%|0%|1.01
SP27 Neisseria elongata (3.35%|0.34%|0%|2.81%|0%|0.17%|4
SP51 Neisseria sp._HMT_020 (0%|0%|0%|7.19%|0%|0%|0%|0%
SP31 Neisseria flavescens (16.49%|0%|20.12%|5.02%|10.24%
SP36 Neisseria subflava (0.22%|0.05%|0%|0.19%|0%|0.21%|1.
SP29 Neisseria sicca (0.30%|0%|0%|0.25%|0%|0%|0.18%|0%
SP119 Bergeyella sp._HMT_900 (0%|0%|0.12%|0%|0%|0.
SP15 Bergeyella sp._HMT_322 (0.30%|0.58%|0%|0%|0%|0
SP75 Capnocytophaga granulosa (0.19%|0.32%|0%|0%|0
SP68 Capnocytophaga gingivalis (0%|3.06%|0%|0%|0.09
SP104 Capnocytophaga leadbetteri (0%|2.77%|0%|0%|0
SP96 Capnocytophaga sputigena (0.05%|0%|0.74%|0.12
SP44 Capnocytophaga endodontalis (0.98%|1.70%|0.04
SP128 Capnocytophaga sp._HMT_380 (0%|0.37%|0%|0
SP137 Capnocytophaga sp._HMT_864 (0.06%|0.31%|0
SP45 Capnocytophaga ochracea (0.23%|1.36%|0.27%|
SP97 Bacteroidetes_[G-3] bacterium_HMT_280 (0%|0%
SP4 Bacteroidales_[G-2] bacterium_HMT_274 (0.77%|1.10
SP93 Tannerella forsythia (0.10%|0%|0%|0.59%|0%|0%|
SP123 Tannerella serpentiformis (0%|1.37%|0%|0%|0
SP112 Tannerella sp._HMT_286 (0%|0%|0%|0%|0%|0.4
SP153 Porphyromonas gingivalis (0%|0%|0%|0.49%
SP33 Porphyromonas endodontalis (0.70%|0.33%
SP55 Porphyromonas pasteri (0%|1.83%|0.49%|0%|0
SP23 Porphyromonas sp._HMT_275 (0.06%|0.19%|0.
SP34 Porphyromonas catoniae (6.37%|0.78%|1.26%
SP86 Phocaeicola abscessus (0%|0%|0%|0.03
SP114 Alloprevotella sp._HMT_473 (0%|0%|0
SP83 Alloprevotella tannerae (0.65%|0.24%
SP159 Prevotella sp._HMT_292 (0%|0.44%|0%
SP40 Prevotella sp._HMT_300 (0%|0.81%|0%
SP53 Prevotella sp._HMT_820 (0%|0%|0%|1
SP100 Prevotella buccae (0%|0%|0%|0.1
SP154 Prevotella loescheii (0%|1.34%|0%
SP108 Prevotella sp._HMT_317 (0.46%|3.
SP24 Prevotella saccharolytica (0.60%|0
SP87 Prevotella nanceiensis (0%|0%|
SP127 Prevotella oulorum (0%|0.43%|0%|0
SP180 Prevotella salivae (0%|0.12%|0%|0%
SP37 Prevotella oris (0%|1.63%|0.38%|0%
SP82 Prevotella maculosa (0%|0.47%|0%
SP20 Prevotella intermedia (0%|0%|2.91
SP85 Prevotella denticola (0%|3.04%|0%|
SP157 Prevotella veroralis (0%|0%|0%|0%|
SP66 Prevotella melaninogenica (0%|1.01%
SP111 Prevotella sp._HMT_314 (0%|0%|0%|
SP116 Lancefieldella rimae (0%|0.05%|0%|0.17%|0%|2.73%|0%
SP120 Arachnia propionica (0.34%|0.78%|0.06%|0%|0.07%|0.19%
SP132 Arachnia rubra (0%|0%|0%|0%|0%|0.41%|0%|0%|0%|
SP71 Corynebacterium matruchotii (0.11%|2.04%|0%|0%|0%|2
SP139 Rothia aeria (0%|0.34%|0%|0%|0%|0.05%|0.04%|0%|0%
SP143 Rothia dentocariosa (0%|1.00%|0%|0%|0%|2.34%|0.15%
SP11 Peptidiphaga sp._HMT_183 (0%|1.67%|0%|0%|0%|1.56%
SP164 Schaalia sp._HMT_180 (0%|0%|0%|0%|0%|0.32%|0%|0
SP192 Schaalia sp._HMT_172 (0.14%|0.19%|0%|0%|0%|0%|0
SP115 Actinomyces naeslundii (0%|1.70%|0%|0%|0%|0.49%
SP91 Actinomyces sp._HMT_169 (0%|0.19%|0%|0%|0%|1.58
SP161 Actinomyces sp._HMT_175 (0%|0.52%|0%|0%|0%|0.6
SP77 Actinomyces sp._HMT_171 (0%|0.97%|0%|0%|0%|0.40
SP131 Treponema maltophilum (0%|0%|0%|0.10%|0%|0%
SP80 Treponema socranskii (0%|0%|0%|0%|0%|0.1
SP28 Fusobacterium canifelinum (0.24%|0%|0.23%|0%|0%|0%
SP8 Fusobacterium nucleatum (30.45%|7.05%|2.93%|1.61%|10
SP42 Fusobacterium periodonticum (1.83%|0%|5.20%|0%|3.9
SP38 Leptotrichia sp._HMT_215 (0%|1.46%|0%|0%|0%|0%|0%|
SP76 Leptotrichia sp._HMT_212 (0%|0.30%|0%|0%|0%|0.17%|
SP113 Leptotrichia sp._HMT_392 (0%|0.71%|0%|0%|0%|0.43
SP101 Leptotrichia hongkongensis (0%|0.34%|0%|0%|0%|1.67%
SP10 Leptotrichia wadei (0.12%|1.69%|0%|0%|0%|1.61%|0%
SP22 Leptotrichia sp._HMT_223 (0%|0.83%|0%|0%|0%|0%|0%
SP7 Leptotrichia hofstadii (0%|1.21%|0%|0%|0%|0.63%|0%|0
SP64 Leptotrichia buccalis (0%|1.76%|0%|0%|0%|0%|0%|0%
SP49 Leptotrichia sp._HMT_225 (0%|0.56%|0%|0%|0%|0%|0%
SP95 Ruminococcaceae_[G-2] bacterium_HMT_085 (0.02%|0%|0%
SP79 Peptoanaerobacter [Eubacterium] yurii (0.57%|0.11
SP81 Parvimonas micra (0.16%|0.27%|0%|0.49%|0%|0.93%|0.52
SP19 Peptostreptococcus stomatis (0%|0%|2.21%|1.42%|1.83
SP60 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (
SP94 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmu
SP140 Lachnospiraceae_[G-8] bacterium_HMT_500 (0.12%|0%|0%
SP138 Catonella morbi (0.09%|0.19%|0%|0.07%|0%|0%|0.15%|
SP26 Stomatobaculum longum (0%|0%|0%|0%|0%|0.52%|0%|0
SP122 Lachnospiraceae_[G-3] bacterium_HMT_100 (0%|0.4
SP168 Lachnoanaerobaculum saburreum (0.14%|0.25%|0%|0%
SP98 Lachnoanaerobaculum orale (0%|0%|0%|0%|0%|0%|0
SP107 Lachnoanaerobaculum gingivalis (0%|0%|0%|0.44%|0.05%
SP109 Anaeroglobus geminatus (0%|0%|0%|0%|0%|0.70%|
SP17 Dialister invisus (0%|1.44%|0%|0%|0%|3.51%|0.11%|
SP25 Veillonella dispar (0%|0%|0%|0%|0%|0.10%|0%|0%|0.08
SP21 Veillonella atypica (0%|0%|1.74%|0.11%|0.49%|0%|0%
SP16 Veillonella parvula (3.65%|0.86%|4.57%|1.15%|4.93%|1
SP39 Selenomonas sputigena (0%|1.19%|0%|0%|0%|1.48%|0
SP110 Selenomonas sp._HMT_137 (0%|0.97%|0%|0%|0%|0.4
SP32 Selenomonas noxia (0%|2.52%|0%|0%|0%|0.54%|0%|0
SP133 Selenomonas flueggei (0%|0%|0%|0%|0%|0.58%|0%|
SP165 Selenomonas sp._HMT_138 (0%|0.34%|0%|0%|0%|0%
SP57 Selenomonas infelix (0%|0.22%|0%|0%|0%|0.42%|0%
SP2 Solobacterium moorei (1.43%|0.29%|12.16%|9.68%|15.94
SP14 Gemella morbillorum (6.75%|1.22%|1.81%|0.04%|2.45%|
SP70 Granulicatella adiacens (3.35%|2.87%|0.03%|0.35%|0.26
SP84 Streptococcus anginosus (0%|0%|0%|0.17%|0%|0%|0%
SP13 Streptococcus intermedius (0.07%|0.68%|0%|0%|0%|0.
SP43 Streptococcus vestibularis (0.39%|0.38%|0.02%|0%|0.
SP1 Streptococcus salivarius (0.40%|0%|0%|6.14%|0%|0%|0
SP136 Streptococcus sp._HMT_056 (0.07%|0.24%|0%|0%|0%
SP6 Streptococcus gordonii (0.82%|0.16%|0%|0%|0%|0.53%
SP67 Streptococcus cristatus (1.17%|1.45%|0.21%|0%|0.04
SP160 Streptococcus cristatus_clade_578 (0%|0.04%|0.20%
SP41 Streptococcus sanguinis (0.30%|0.63%|0%|0%|0%|0%
SP129 Streptococcus oralis_subsp._dentisani_clade_058 (0.
SP171 Streptococcus oralis_subsp._dentisani_clade_398 (0
SP3 Streptococcus sp._HMT_064 (0.14%|1.13%|0%|0.04%|
SP9 Streptococcus oralis (6.07%|8.51%|19.85%|3.31%|23.
SP47 Streptococcus oralis_subsp._tigurinus_clade_070 (0.
SP124 Streptococcus chosunense (0.24%|0.26%|0%|0%
SP30 Streptococcus mitis (3.07%|6.12%|20.29%|2.64%|7.7
Aerobic_Day_3
NA
Dynamic_Day_3_LR
Dynamic_Day_7_UR
Static_Day_3_UR
Day_0
Anaerobic_Day_3
Dynamic_Day_3_MR
Dynamic_Day_7_LR
Dynamic_Day_7_MR
Static_Day_3_MR
Static_Day_3_LR
Dynamic_Day_3_UR
substitutions/site
0
0.2
0.4
0.6
0.8