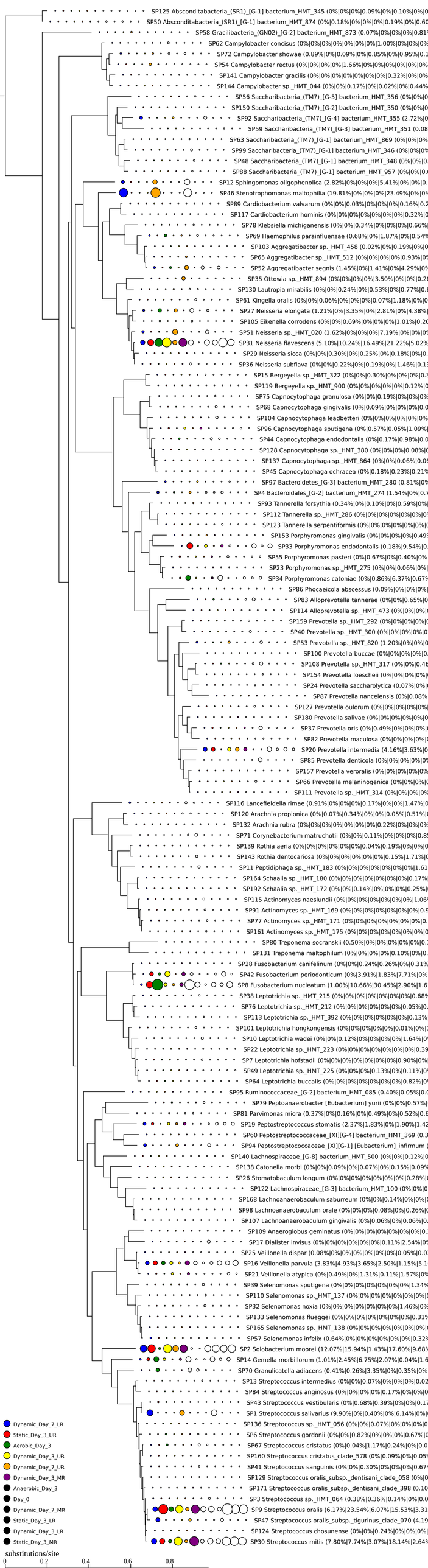
SP125 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0%|0%|0%|0.09%|0%|0.10%|0%|0
SP50 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0%|0.18%|0%|0%|0%|0.19%|0%|0.60
SP58 Gracilibacteria_(GN02)_[G-2] bacterium_HMT_873 (0.07%|0%|0%|0%|0.81
SP62 Campylobacter concisus (0%|0%|0%|0%|0%|0%|0%|1.00%|0%|0%|0%
SP72 Campylobacter showae (0.89%|0%|0.09%|0%|0.85%|0%|0.95%|0.1
SP54 Campylobacter rectus (0%|0%|0%|0%|1.66%|0%|0%|0%|0%|0%|0%
SP141 Campylobacter gracilis (0%|0%|0%|0%|0%|0%|0%|0.32%|0%|0%
SP144 Campylobacter sp._HMT_044 (0%|0%|0.17%|0%|0.02%|0%|0.44%
SP56 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (0%|0%|0
SP150 Saccharibacteria_(TM7)_[G-2] bacterium_HMT_350 (0%|0%|0
SP92 Saccharibacteria_(TM7)_[G-4] bacterium_HMT_355 (2.72%|0
SP59 Saccharibacteria_(TM7)_[G-3] bacterium_HMT_351 (0.08
SP63 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_869 (0%|0%|0%
SP99 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0%|0%|0%
SP48 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_348 (0%|0%|0.
SP88 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_957 (0%|0%|0.
SP12 Sphingomonas oligophenolica (2.82%|0%|0%|0%|5.41%|0%|0%|0.
SP46 Stenotrophomonas maltophilia (19.81%|0%|0%|0%|23.49%|0%|0%
SP89 Cardiobacterium valvarum (0%|0%|0.03%|0%|0%|0%|0.16%|0.2
SP117 Cardiobacterium hominis (0%|0%|0%|0%|0%|0%|0%|0.32%|0
SP78 Klebsiella michiganensis (0%|0%|0.34%|0%|0%|0%|0.66%|
SP69 Haemophilus parainfluenzae (0.68%|0%|1.87%|0%|0.54%
SP103 Aggregatibacter sp._HMT_458 (0.02%|0%|0.19%|0%|0
SP65 Aggregatibacter sp._HMT_512 (0%|0%|0%|0%|0.93%|0
SP52 Aggregatibacter segnis (1.45%|0%|1.41%|0%|4.29%|0%
SP35 Ottowia sp._HMT_894 (0%|0%|0%|0%|3.50%|0%|0%|0.2
SP130 Lautropia mirabilis (0%|0%|0.24%|0%|0.53%|0%|0.77%|0.0
SP61 Kingella oralis (0%|0%|0.06%|0%|0%|0%|0.07%|1.18%|0%|0
SP27 Neisseria elongata (1.21%|0%|3.35%|0%|2.81%|0%|4.38%|
SP105 Eikenella corrodens (0%|0%|0.69%|0%|0%|0%|1.01%|0.26
SP51 Neisseria sp._HMT_020 (1.62%|0%|0%|0%|7.19%|0%|0%|0
SP31 Neisseria flavescens (5.10%|10.24%|16.49%|21.22%|5.02%
SP29 Neisseria sicca (0%|0%|0.30%|0%|0.25%|0%|0.18%|0%|0.
SP36 Neisseria subflava (0%|0%|0.22%|0%|0.19%|0%|1.46%|0.1
SP15 Bergeyella sp._HMT_322 (0%|0%|0.30%|0%|0%|0%|0.3
SP119 Bergeyella sp._HMT_900 (0%|0%|0%|0%|0%|0.12%|0
SP75 Capnocytophaga granulosa (0%|0%|0.19%|0%|0%|0%
SP68 Capnocytophaga gingivalis (0%|0.09%|0%|0%|0%|0.0
SP104 Capnocytophaga leadbetteri (0%|0%|0%|0%|0%|0%
SP96 Capnocytophaga sputigena (0%|0.57%|0.05%|1.09%|
SP44 Capnocytophaga endodontalis (0%|0.17%|0.98%|0.0
SP128 Capnocytophaga sp._HMT_380 (0%|0%|0%|0.08%|0
SP137 Capnocytophaga sp._HMT_864 (0%|0%|0.06%|0.06
SP45 Capnocytophaga ochracea (0%|0.18%|0.23%|0.21%
SP97 Bacteroidetes_[G-3] bacterium_HMT_280 (0.81%|0%
SP4 Bacteroidales_[G-2] bacterium_HMT_274 (1.54%|0%|0.7
SP93 Tannerella forsythia (0.34%|0%|0.10%|0%|0.59%|0%|
SP112 Tannerella sp._HMT_286 (0%|0%|0%|0%|0%|0%|0
SP123 Tannerella serpentiformis (0%|0%|0%|0%|0%|0%|0
SP153 Porphyromonas gingivalis (0%|0%|0%|0%|0.49
SP33 Porphyromonas endodontalis (0.18%|9.54%|0.
SP55 Porphyromonas pasteri (0%|0.67%|0%|0.40%|0%
SP23 Porphyromonas sp._HMT_275 (0%|0%|0.06%|0%|
SP34 Porphyromonas catoniae (0%|0.86%|6.37%|0.67%
SP86 Phocaeicola abscessus (0.09%|0%|0%|0%|
SP83 Alloprevotella tannerae (0%|0%|0.65%|0
SP114 Alloprevotella sp._HMT_473 (0%|0%|0%|0
SP159 Prevotella sp._HMT_292 (0%|0%|0%|0%|0
SP40 Prevotella sp._HMT_300 (0%|0%|0%|0%|0
SP53 Prevotella sp._HMT_820 (1.20%|0%|0%|0
SP100 Prevotella buccae (0%|0%|0%|0%|0.
SP108 Prevotella sp._HMT_317 (0%|0%|0.46
SP154 Prevotella loescheii (0%|0%|0%|0%|
SP24 Prevotella saccharolytica (0.07%|0%|
SP87 Prevotella nanceiensis (0.08%
SP127 Prevotella oulorum (0%|0%|0%|0%|0%|
SP180 Prevotella salivae (0%|0%|0%|0%|0%|0
SP37 Prevotella oris (0%|0.49%|0%|0%|0
SP82 Prevotella maculosa (0%|0%|0%|0%|0
SP20 Prevotella intermedia (4.16%|3.63%|0
SP85 Prevotella denticola (0%|0%|0%|0%|0%
SP157 Prevotella veroralis (0%|0%|0%|0%|0%
SP66 Prevotella melaninogenica (0%|0%|0%|0
SP111 Prevotella sp._HMT_314 (0%|0%|0%
SP116 Lancefieldella rimae (0.91%|0%|0%|0.17%|0%|1.47%|0
SP120 Arachnia propionica (0%|0.07%|0.34%|0%|0.05%|0.51%|0
SP132 Arachnia rubra (0%|0%|0%|0%|0%|0%|0.22%|0%|0%|0%
SP71 Corynebacterium matruchotii (0%|0%|0.11%|0%|0%|0%|0.8
SP139 Rothia aeria (0%|0%|0%|0%|0%|0%|0.04%|0.19%|0%|0%
SP143 Rothia dentocariosa (0%|0%|0%|0%|0%|0%|0.15%|1.71%|0
SP11 Peptidiphaga sp._HMT_183 (0%|0%|0%|0%|0%|0%|0%|1.61
SP164 Schaalia sp._HMT_180 (0%|0%|0%|0%|0%|0%|0%|0.17%|
SP192 Schaalia sp._HMT_172 (0%|0%|0.14%|0%|0%|0%|0.25%|0
SP115 Actinomyces naeslundii (0%|0%|0%|0%|0%|0%|0%|1.06
SP91 Actinomyces sp._HMT_169 (0%|0%|0%|0%|0%|0%|0%|0.9
SP77 Actinomyces sp._HMT_171 (0%|0%|0%|0%|0%|0%|0%|0.
SP161 Actinomyces sp._HMT_175 (0%|0%|0%|0%|0%|0%|0%|0
SP80 Treponema socranskii (0.50%|0%|0%|0%|0%|0%|0.1
SP131 Treponema maltophilum (0%|0%|0%|0%|0.10%|0%|0.
SP28 Fusobacterium canifelinum (0%|0%|0.24%|0.26%|0%|0.31%
SP42 Fusobacterium periodonticum (0%|3.91%|1.83%|7.71%|0%
SP8 Fusobacterium nucleatum (1.00%|10.66%|30.45%|2.90%|1.6
SP38 Leptotrichia sp._HMT_215 (0%|0%|0%|0%|0%|0%|0.68%
SP76 Leptotrichia sp._HMT_212 (0%|0%|0%|0%|0%|0.05%|0.
SP113 Leptotrichia sp._HMT_392 (0%|0%|0%|0%|0%|0%|0.13%
SP101 Leptotrichia hongkongensis (0%|0%|0%|0%|0%|0.01%|0%|1
SP10 Leptotrichia wadei (0%|0%|0.12%|0%|0%|0%|1.64%|0
SP22 Leptotrichia sp._HMT_223 (0%|0%|0%|0%|0%|0%|0.39
SP7 Leptotrichia hofstadii (0%|0%|0%|0%|0%|0%|0.90%|0%|
SP49 Leptotrichia sp._HMT_225 (0%|0%|0%|0.13%|0%|0.11%|0
SP64 Leptotrichia buccalis (0%|0%|0%|0%|0%|0%|0.82%|0
SP95 Ruminococcaceae_[G-2] bacterium_HMT_085 (0.40%|0.05%|0.0
SP79 Peptoanaerobacter [Eubacterium] yurii (0%|0%|0.57%|
SP81 Parvimonas micra (0.37%|0%|0.16%|0%|0.49%|0%|0.52%|0.6
SP19 Peptostreptococcus stomatis (2.37%|1.83%|0%|1.90%|1.42
SP60 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (0.3
SP94 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmum (
SP140 Lachnospiraceae_[G-8] bacterium_HMT_500 (0%|0%|0.12%|0
SP138 Catonella morbi (0%|0%|0.09%|0%|0.07%|0%|0.15%|0.09%
SP26 Stomatobaculum longum (0%|0%|0%|0%|0%|0%|0.28%|0
SP122 Lachnospiraceae_[G-3] bacterium_HMT_100 (0%|0%|0
SP168 Lachnoanaerobaculum saburreum (0%|0%|0.14%|0%|0%|0
SP98 Lachnoanaerobaculum orale (0%|0%|0%|0.08%|0%|0.26%|0
SP107 Lachnoanaerobaculum gingivalis (0%|0.06%|0%|0.06%|0.
SP109 Anaeroglobus geminatus (0%|0%|0%|0%|0%|0%|0%|0.
SP17 Dialister invisus (0%|0%|0%|0%|0%|0.11%|2.54%|0%
SP25 Veillonella dispar (0.08%|0%|0%|0%|0%|0%|0.05%|0.0
SP16 Veillonella parvula (3.83%|4.93%|3.65%|2.50%|1.15%|5.1
SP21 Veillonella atypica (0%|0.49%|0%|1.31%|0.11%|1.57%|0%
SP39 Selenomonas sputigena (0%|0%|0%|0%|0%|0%|1.34%
SP110 Selenomonas sp._HMT_137 (0%|0%|0%|0%|0%|0%|0
SP32 Selenomonas noxia (0%|0%|0%|0%|0%|0%|1.46%|0%
SP133 Selenomonas flueggei (0%|0%|0%|0%|0%|0%|0.31%
SP165 Selenomonas sp._HMT_138 (0%|0%|0%|0%|0%|0%|0
SP57 Selenomonas infelix (0.64%|0%|0%|0%|0%|0%|0.32%
SP2 Solobacterium moorei (12.07%|15.94%|1.43%|17.60%|9.68%
SP14 Gemella morbillorum (1.01%|2.45%|6.75%|2.07%|0.04%|1.6
SP70 Granulicatella adiacens (0.41%|0.26%|3.35%|0%|0.35%|0%
SP13 Streptococcus intermedius (0%|0%|0.07%|0%|0%|0%|0.02
SP84 Streptococcus anginosus (0%|0%|0%|0%|0.17%|0%|0%|0
SP43 Streptococcus vestibularis (0%|0.68%|0.39%|0%|0%|0.17
SP1 Streptococcus salivarius (9.90%|0%|0.40%|0%|6.14%|0%|
SP136 Streptococcus sp._HMT_056 (0%|0%|0.07%|0%|0%|0%|0
SP6 Streptococcus gordonii (0%|0%|0.82%|0%|0%|0%|0.67%|0
SP67 Streptococcus cristatus (0%|0.04%|1.17%|0.24%|0%|0.0
SP160 Streptococcus cristatus_clade_578 (0%|0.09%|0%|0.05
SP41 Streptococcus sanguinis (0%|0%|0.30%|0%|0%|0%|0.67
SP129 Streptococcus oralis_subsp._dentisani_clade_058 (0%|0
SP171 Streptococcus oralis_subsp._dentisani_clade_398 (0.10
SP3 Streptococcus sp._HMT_064 (0.38%|0.36%|0.14%|0%|0.0
SP9 Streptococcus oralis (6.17%|23.54%|6.07%|15.53%|3.31
SP47 Streptococcus oralis_subsp._tigurinus_clade_070 (4.19
SP124 Streptococcus chosunense (0%|0%|0.24%|0%|0%|0%|
SP30 Streptococcus mitis (7.80%|7.74%|3.07%|18.14%|2.64%
Dynamic_Day_7_LR
Static_Day_3_UR
Aerobic_Day_3
Dynamic_Day_3_UR
Dynamic_Day_7_UR
Dynamic_Day_3_MR
Anaerobic_Day_3
Day_0
Dynamic_Day_7_MR
Static_Day_3_LR
Dynamic_Day_3_LR
Static_Day_3_MR
substitutions/site
0
0.2
0.4
0.6
0.8