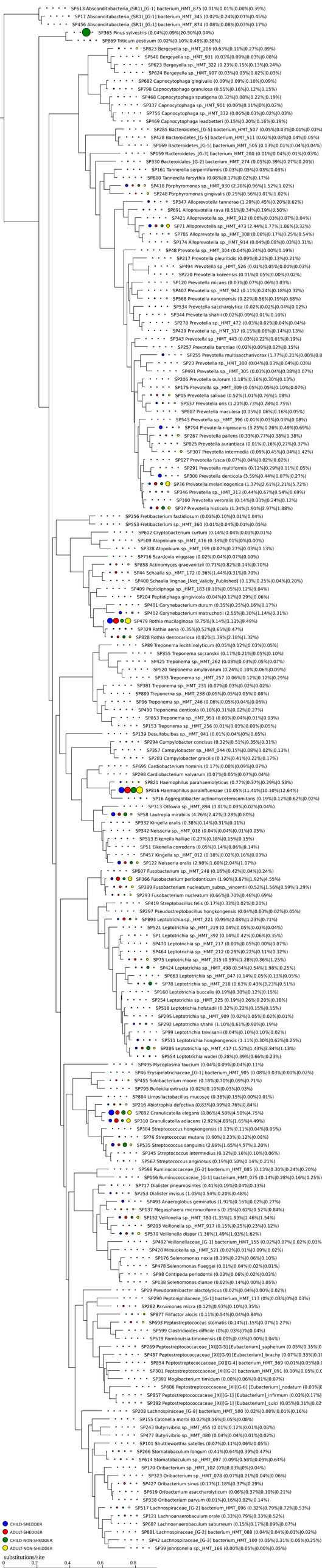
SP613 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_875 (0.01%|0.01%|0.00%|0.39%)
SP17 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0.02%|0.24%|0.01%|0.45%)
SP456 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0.08%|0.08%|0.03%|0.17%)
SP365 Pinus sylvestris (0.04%|0.09%|20.50%|0.04%)
SP869 Triticum aestivum (0.02%|0.10%|0.48%|0.38%)
SP823 Bergeyella sp._HMT_206 (0.63%|0.11%|0.27%|0.89%)
SP540 Bergeyella sp._HMT_931 (0.03%|0.09%|0.03%|0.08%)
SP623 Bergeyella sp._HMT_322 (0.23%|0.15%|0.13%|0.24%)
SP624 Bergeyella sp._HMT_907 (0.03%|0.03%|0.02%|0.03%)
SP682 Capnocytophaga gingivalis (0.09%|0.09%|0.10%|0.09%)
SP798 Capnocytophaga granulosa (0.55%|0.16%|0.12%|0.15%)
SP468 Capnocytophaga sputigena (0.32%|0.08%|0.22%|0.19%)
SP337 Capnocytophaga sp._HMT_901 (0.00%|0.11%|0%|0.02%)
SP756 Capnocytophaga sp._HMT_332 (0.06%|0.03%|0.02%|0.03%)
SP469 Capnocytophaga leadbetteri (0.15%|0.20%|0.16%|0.19%)
SP285 Bacteroidetes_[G-5] bacterium_HMT_507 (0.05%|0.03%|0.01%|0.03%)
SP428 Bacteroidetes_[G-5] bacterium_HMT_511 (0.02%|0.08%|0.04%|0.05%)
SP169 Bacteroidetes_[G-5] bacterium_HMT_505 (0.13%|0.01%|0.04%|0.04%)
SP159 Bacteroidetes_[G-3] bacterium_HMT_280 (0.01%|0.04%|0.01%|0.03%)
SP330 Bacteroidales_[G-2] bacterium_HMT_274 (0.05%|0.39%|0.27%|0.20%)
SP161 Tannerella serpentiformis (0.03%|0.05%|0.03%|0.03%)
SP810 Tannerella forsythia (0.08%|0.17%|0.02%|0.17%)
SP418 Porphyromonas sp._HMT_930 (2.28%|0.96%|1.52%|1.02%)
SP248 Porphyromonas gingivalis (0.25%|0.56%|0.01%|1.02%)
SP347 Alloprevotella tannerae (1.29%|0.45%|0.20%|0.62%)
SP691 Alloprevotella rava (0.51%|0.34%|0.19%|0.50%)
SP421 Alloprevotella sp._HMT_912 (0.06%|0.03%|0.07%|0.04%)
SP71 Alloprevotella sp._HMT_473 (2.44%|1.77%|1.86%|3.32%)
SP785 Alloprevotella sp._HMT_308 (0.06%|0.17%|0.25%|0.54%)
SP174 Alloprevotella sp._HMT_914 (0.04%|0.08%|0.03%|0.31%)
SP48 Prevotella sp._HMT_304 (0.04%|0.24%|0.00%|0.19%)
SP217 Prevotella pleuritidis (0.09%|0.20%|0.13%|0.21%)
SP494 Prevotella sp._HMT_526 (0.01%|0.05%|0.00%|0.03%)
SP220 Prevotella koreensis (0.01%|0.05%|0.00%|0.02%)
SP120 Prevotella micans (0.03%|0.07%|0.06%|0.03%)
SP407 Prevotella sp._HMT_942 (0.11%|0.24%|0.18%|0.32%)
SP568 Prevotella nanceiensis (0.22%|0.56%|0.19%|0.68%)
SP534 Prevotella saccharolytica (0.02%|0.02%|0.04%|0.02%)
SP344 Prevotella shahii (0.02%|0.09%|0.01%|0.10%)
SP278 Prevotella sp._HMT_472 (0.03%|0.02%|0.04%|0.04%)
SP429 Prevotella sp._HMT_317 (0.15%|0.06%|0.14%|0.13%)
SP343 Prevotella sp._HMT_443 (0.03%|0.22%|0.01%|0.19%)
SP257 Prevotella baroniae (0.03%|0.09%|0.02%|0.15%)
SP255 Prevotella multisaccharivorax (1.77%|0.21%|0.00%|0.0
SP23 Prevotella sp._HMT_300 (0.04%|0.03%|0.04%|0.03%)
SP491 Prevotella sp._HMT_305 (0.03%|0.04%|0.08%|0.07%)
SP206 Prevotella oulorum (0.18%|0.16%|0.30%|0.13%)
SP175 Prevotella sp._HMT_309 (0.05%|0.05%|0.10%|0.07%)
SP15 Prevotella salivae (0.52%|1.01%|0.76%|1.08%)
SP537 Prevotella oris (1.21%|0.73%|0.28%|0.75%)
SP807 Prevotella maculosa (0.05%|0.06%|0.16%|0.05%)
SP543 Prevotella sp._HMT_396 (0.01%|0.03%|0.03%|0.08%)
SP794 Prevotella nigrescens (3.25%|0.26%|0.49%|0.69%)
SP267 Prevotella pallens (0.33%|0.77%|0.38%|1.38%)
SP825 Prevotella aurantiaca (0.01%|0.16%|0.27%|0.37%)
SP307 Prevotella intermedia (0.09%|0.45%|0.04%|1.42%)
SP127 Prevotella fusca (0.07%|0.04%|0.02%|0.02%)
SP291 Prevotella multiformis (0.12%|0.29%|0.11%|0.05%)
SP300 Prevotella denticola (3.59%|0.44%|0.07%|0.27%)
SP36 Prevotella melaninogenica (1.37%|2.61%|2.21%|5.72%)
SP346 Prevotella sp._HMT_313 (0.44%|0.67%|0.54%|0.69%)
SP100 Prevotella veroralis (0.14%|0.30%|0.24%|0.12%)
SP37 Prevotella histicola (1.34%|1.91%|2.97%|1.88%)
SP256 Fretibacterium fastidiosum (0.01%|0.10%|0.01%|0.04%)
SP553 Fretibacterium sp._HMT_360 (0.01%|0.04%|0.01%|0.05%)
SP612 Cryptobacterium curtum (0.14%|0.04%|0.01%|0.01%)
SP509 Atopobium sp._HMT_416 (0.38%|0.01%|0%|0.00%)
SP328 Atopobium sp._HMT_199 (0.07%|0.27%|0.03%|0.13%)
SP716 Scardovia wiggsiae (0.02%|0.04%|0.07%|0.10%)
SP858 Actinomyces graevenitzii (0.71%|0.82%|0.14%|0.70%)
SP44 Schaalia sp._HMT_172 (0.36%|1.44%|0.31%|0.70%)
SP400 Schaalia lingnae_[Not_Validly_Published] (0.13%|0.25%|0.04%|0.28%)
SP409 Peptidiphaga sp._HMT_183 (0.10%|0.05%|0.12%|0.04%)
SP204 Peptidiphaga gingivicola (0.04%|0.12%|0.29%|0.06%)
SP401 Corynebacterium durum (0.35%|0.25%|0.16%|0.17%)
SP402 Corynebacterium matruchotii (2.55%|0.30%|1.14%|0.31%)
SP479 Rothia mucilaginosa (8.75%|9.14%|3.13%|9.49%)
SP329 Rothia aeria (0.35%|0.52%|0.65%|0.47%)
SP828 Rothia dentocariosa (0.82%|1.39%|2.18%|1.32%)
SP89 Treponema lecithinolyticum (0.05%|0.12%|0.03%|0.05%)
SP355 Treponema socranskii (0.17%|0.21%|0.05%|0.10%)
SP425 Treponema sp._HMT_262 (0.08%|0.03%|0.05%|0.07%)
SP520 Treponema amylovorum (0.24%|0.10%|0.06%|0.09%)
SP333 Treponema sp._HMT_257 (0.06%|0.12%|0.12%|0.29%)
SP381 Treponema sp._HMT_231 (0.07%|0.03%|0.02%|0.02%)
SP809 Treponema sp._HMT_238 (0.05%|0.05%|0.05%|0.08%)
SP96 Treponema sp._HMT_246 (0.06%|0.05%|0.04%|0.06%)
SP490 Treponema denticola (0.10%|0.31%|0.02%|0.27%)
SP853 Treponema sp._HMT_951 (0.00%|0.04%|0.01%|0.03%)
SP153 Treponema sp._HMT_256 (0.01%|0.03%|0.00%|0.05%)
SP139 Desulfobulbus sp._HMT_041 (0.01%|0.04%|0%|0.05%)
SP294 Campylobacter concisus (0.32%|0.51%|0.35%|0.31%)
SP357 Campylobacter sp._HMT_044 (0.15%|0.08%|0.02%|0.13%)
SP283 Campylobacter gracilis (0.12%|0.41%|0.22%|0.17%)
SP695 Cardiobacterium hominis (0.17%|0.08%|0.09%|0.07%)
SP298 Cardiobacterium valvarum (0.07%|0.05%|0.07%|0.04%)
SP821 Haemophilus parahaemolyticus (0.77%|0.37%|0.29%|0.53%)
SP816 Haemophilus parainfluenzae (10.05%|11.41%|10.10%|12.64%)
SP16 Aggregatibacter actinomycetemcomitans (0.19%|0.12%|0.62%|0.02%)
SP313 Ottowia sp._HMT_894 (0.01%|0.03%|0.02%|0.04%)
SP58 Lautropia mirabilis (4.26%|2.42%|3.28%|0.80%)
SP332 Kingella oralis (0.38%|0.14%|0.31%|0.11%)
SP342 Neisseria sp._HMT_018 (0.04%|0.04%|0.01%|0.05%)
SP513 Eikenella halliae (0.27%|0.18%|0.15%|0.15%)
SP51 Eikenella corrodens (0.05%|0.14%|0.06%|0.14%)
SP457 Kingella sp._HMT_012 (0.18%|0.02%|0.16%|0.03%)
SP122 Neisseria oralis (2.98%|1.60%|2.04%|1.07%)
SP607 Fusobacterium sp._HMT_248 (0.16%|0.42%|0.04%|0.24%)
SP366 Fusobacterium periodonticum (1.90%|3.87%|1.92%|4.55%)
SP389 Fusobacterium nucleatum subsp._vincentii (0.52%|1.56%|0.59%|1.29%)
SP293 Fusobacterium nucleatum (0.66%|0.70%|0.46%|0.69%)
SP419 Streptobacillus felis (0.17%|0.33%|0.02%|0.20%)
SP297 Pseudostreptobacillus hongkongensis (0.04%|0.03%|0.02%|0.05%)
SP893 Leptotrichia sp._HMT_221 (0.95%|2.08%|1.23%|0.71%)
SP521 Leptotrichia sp._HMT_219 (0.04%|0.05%|0.03%|0.04%)
SP1 Leptotrichia sp._HMT_392 (0.14%|0.42%|0.06%|0.35%)
SP470 Leptotrichia sp._HMT_217 (0.00%|0.05%|0.00%|0.07%)
SP464 Leptotrichia sp._HMT_212 (0.29%|0.22%|0.11%|0.32%)
SP75 Leptotrichia sp._HMT_215 (0.59%|1.28%|0.36%|1.25%)
SP424 Leptotrichia sp._HMT_498 (0.54%|0.54%|1.98%|0.25%)
SP663 Leptotrichia sp._HMT_847 (0.14%|0.05%|0.13%|0.05%)
SP78 Leptotrichia sp._HMT_218 (0.63%|0.43%|3.23%|0.51%)
SP160 Leptotrichia buccalis (0.19%|0.30%|0.12%|0.15%)
SP254 Leptotrichia sp._HMT_225 (0.19%|0.26%|0.20%|0.18%)
SP518 Leptotrichia hofstadii (0.32%|0.22%|0.15%|0.15%)
SP295 Leptotrichia sp._HMT_909 (0.02%|0.05%|0.02%|0.01%)
SP292 Leptotrichia shahii (1.10%|0.61%|0.98%|0.19%)
SP99 Leptotrichia trevisanii (0.04%|0.10%|0.10%|0.02%)
SP511 Leptotrichia hongkongensis (1.11%|0.30%|0.62%|0.25%)
SP286 Leptotrichia sp._HMT_417 (1.52%|1.43%|3.84%|1.13%)
SP54 Leptotrichia wadei (0.28%|0.39%|0.66%|0.23%)
SP495 Mycoplasma faucium (0.04%|0.09%|0.04%|0.11%)
SP46 Erysipelotrichaceae_[G-1] bacterium_HMT_905 (0.08%|0.03%|0.01%|0.02%)
SP455 Solobacterium moorei (0.18%|0.70%|0.09%|0.71%)
SP795 Bulleidia extructa (0.02%|0.10%|0.03%|0.03%)
SP804 Limosilactobacillus mucosae (0.36%|0.15%|0.00%|0.01%)
SP216 Abiotrophia defectiva (0.83%|0.99%|0.76%|0.84%)
SP892 Granulicatella elegans (8.86%|4.58%|4.58%|4.75%)
SP310 Granulicatella adiacens (2.92%|4.89%|1.65%|4.49%)
SP304 Streptococcus hongkongensis (0.13%|0.11%|0.04%|0.05%)
SP76 Streptococcus mutans (0.60%|0.23%|0.12%|0.08%)
SP535 Streptococcus sanguinis (2.89%|1.65%|4.57%|1.20%)
SP345 Streptococcus intermedius (0.12%|0.16%|0.10%|0.06%)
SP567 Streptococcus anginosus (0.19%|0.58%|0.14%|0.21%)
SP598 Ruminococcaceae_[G-2] bacterium_HMT_085 (0.13%|0.30%|0.24%|0.20%)
SP156 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.14%|0.28%|0.16%|0.25%)
SP717 Dialister pneumosintes (0.41%|0.19%|0.04%|0.13%)
SP253 Dialister invisus (1.05%|0.54%|0.20%|0.48%)
SP493 Anaeroglobus geminatus (1.92%|0.16%|0.02%|0.27%)
SP137 Megasphaera micronuciformis (0.25%|0.62%|0.52%|0.84%)
SP152 Veillonella sp._HMT_780 (1.35%|1.93%|1.46%|1.54%)
SP203 Veillonella sp._HMT_917 (0.15%|0.25%|0.23%|0.12%)
SP570 Veillonella dispar (1.36%|1.49%|1.03%|1.62%)
SP492 Veillonellaceae_[G-1] bacterium_HMT_155 (0.02%|0.07%|0.02%|0.03%
SP420 Mitsuokella sp._HMT_521 (0.02%|0.01%|0.09%|0.02%)
SP176 Selenomonas noxia (0.19%|0.22%|0.06%|0.10%)
SP478 Selenomonas flueggei (0.01%|0.04%|0.02%|0.01%)
SP98 Centipeda periodontii (0.03%|0.06%|0.02%|0.03%)
SP138 Selenomonas dianae (0.02%|0.14%|0.00%|0.05%)
SP19 Pseudoramibacter alactolyticus (0.02%|0.04%|0.00%|0.02%)
SP290 Peptoniphilaceae_[G-1] bacterium_HMT_113 (0.03%|0.03%|0%|0.03%)
SP282 Parvimonas micra (0.12%|0.93%|0.10%|0.35%)
SP877 Filifactor alocis (0.11%|0.54%|0.04%|0.84%)
SP693 Peptostreptococcus stomatis (0.14%|1.15%|0.07%|1.27%)
SP599 Clostridioides difficile (0.0%|0.03%|0%|0.04%)
SP519 Romboutsia timonensis (0.00%|0.03%|0.00%|0.04%)
SP269 Peptostreptococcaceae_[XI][G-5] [Eubacterium]_saphenum (0.05%|0.35%|0
SP487 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.07%|0.33%|0.10
SP854 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (0.01%|0.05%|0.0
SP301 Peptostreptococcaceae_[XI][G-2] bacterium_HMT_091 (0.00%|0.05%|0.0
SP391 Mogibacterium timidum (0.00%|0.06%|0.01%|0.07%)
SP606 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_nodatum (0.03%|0
SP857 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmum (0.03%|0.17%)
SP392 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_sulci (0.05%|0.31%|0.02
SP208 Lachnospiraceae_[G-8] bacterium_HMT_500 (0.02%|0.08%|0.01%|0.16%)
SP155 Catonella morbi (0.02%|0.16%|0.05%|0.08%)
SP243 Butyrivibrio sp._HMT_455 (0.01%|0.12%|0.01%|0.08%)
SP477 Butyrivibrio sp._HMT_080 (0.04%|0.04%|0.01%|0.02%)
SP101 Shuttleworthia satelles (0.07%|0.11%|0.06%|0.05%)
SP266 Stomatobaculum longum (0.41%|0.64%|0.39%|0.47%)
SP614 Stomatobaculum sp._HMT_097 (0.09%|0.58%|0.09%|0.64%)
SP170 Oribacterium sp._HMT_102 (0%|0.03%|0%|0.04%)
SP323 Oribacterium sp._HMT_078 (0.07%|0.21%|0.04%|0.06%)
SP427 Oribacterium sinus (0.17%|1.18%|0.37%|0.29%)
SP619 Oribacterium asaccharolyticum (0.06%|0.37%|0.10%|0.21%)
SP338 Oribacterium parvum (0.01%|0.16%|0.02%|0.14%)
SP517 Lachnospiraceae_[G-2] bacterium_HMT_096 (0.32%|0.79%|0.72%|0.53%)
SP121 Lachnoanaerobaculum orale (0.33%|0.79%|0.33%|0.52%)
SP687 Lachnoanaerobaculum saburreum (0.15%|0.17%|0.09%|0.07%)
SP881 Lachnospiraceae_[G-2] bacterium_HMT_088 (0.04%|0.04%|0.01%|0.02%)
SP42 Lachnospiraceae_[G-3] bacterium_HMT_100 (0.05%|0.31%|0.05%|0.25%)
SP39 Johnsonella sp._HMT_166 (0.00%|0.05%|0.00%|0.05%)
CHILD-SHEDDER
ADULT-SHEDDER
CHILD-NON-SHEDDER
ADULT-NON-SHEDDER
substitutions/site
0
0.2
0.4
0.6
0.8