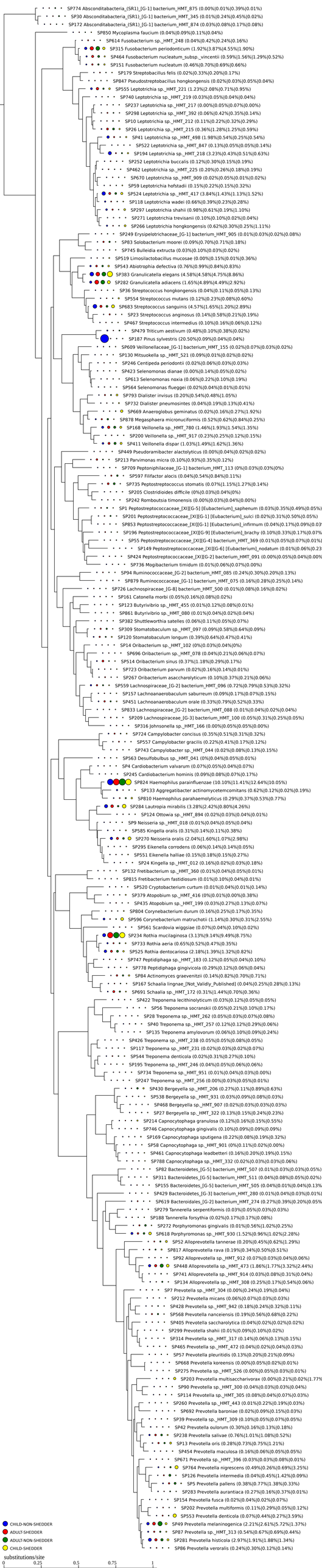
SP774 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_875 (0.00%|0.01%|0.39%|0.01%)
SP30 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_345 (0.01%|0.02%|0.24%|0.45%|0.02%)
SP772 Absconditabacteria_(SR1)_[G-1] bacterium_HMT_874 (0.03%|0.06%|0.17%|0.08%)
SP850 Mycoplasma faucium (0.04%|0.09%|0.11%|0.04%)
SP614 Fusobacterium sp._HMT_248 (0.04%|0.42%|0.24%|0.16%)
SP315 Fusobacterium periodonticum (1.92%|3.87%|4.55%|1.90%)
SP464 Fusobacterium nucleatum subsp._vincentii (0.59%|1.56%|1.29%|0.52%)
SP151 Fusobacterium nucleatum (0.46%|0.70%|0.69%|0.66%)
SP179 Streptobacillus felis (0.02%|0.33%|0.20%|0.17%)
SP847 Pseudostreptobacillus hongkongensis (0.02%|0.03%|0.05%|0.04%)
SP555 Leptotrichia sp._HMT_221 (1.23%|2.08%|0.71%|0.95%)
SP740 Leptotrichia sp._HMT_219 (0.03%|0.05%|0.04%|0.04%)
SP237 Leptotrichia sp._HMT_217 (0.00%|0.05%|0.07%|0.00%)
SP298 Leptotrichia sp._HMT_392 (0.06%|0.42%|0.35%|0.14%)
SP10 Leptotrichia sp._HMT_212 (0.11%|0.22%|0.32%|0.29%)
SP26 Leptotrichia sp._HMT_215 (0.36%|1.28%|1.25%|0.59%)
SP41 Leptotrichia sp._HMT_498 (1.98%|0.54%|0.25%|0.54%)
SP522 Leptotrichia sp._HMT_847 (0.13%|0.05%|0.05%|0.14%)
SP194 Leptotrichia sp._HMT_218 (3.23%|0.43%|0.51%|0.63%)
SP252 Leptotrichia buccalis (0.12%|0.30%|0.15%|0.19%)
SP462 Leptotrichia sp._HMT_225 (0.20%|0.26%|0.18%|0.19%)
SP670 Leptotrichia sp._HMT_909 (0.02%|0.05%|0.01%|0.02%)
SP59 Leptotrichia hofstadii (0.15%|0.22%|0.15%|0.32%)
SP524 Leptotrichia sp._HMT_417 (3.84%|1.43%|1.13%|1.52%)
SP118 Leptotrichia wadei (0.66%|0.39%|0.23%|0.28%)
SP297 Leptotrichia shahii (0.98%|0.61%|0.19%|1.10%)
SP271 Leptotrichia trevisanii (0.10%|0.10%|0.02%|0.04%)
SP266 Leptotrichia hongkongensis (0.62%|0.30%|0.25%|1.11%)
SP249 Erysipelotrichaceae_[G-1] bacterium_HMT_905 (0.01%|0.03%|0.02%|0.08%)
SP83 Solobacterium moorei (0.09%|0.70%|0.71%|0.18%)
SP745 Bulleidia extructa (0.03%|0.10%|0.03%|0.02%)
SP519 Limosilactobacillus mucosae (0.00%|0.15%|0.01%|0.36%)
SP543 Abiotrophia defectiva (0.76%|0.99%|0.84%|0.83%)
SP383 Granulicatella elegans (4.58%|4.58%|4.75%|8.86%)
SP282 Granulicatella adiacens (1.65%|4.89%|4.49%|2.92%)
SP36 Streptococcus hongkongensis (0.04%|0.11%|0.05%|0.13%)
SP554 Streptococcus mutans (0.12%|0.23%|0.08%|0.60%)
SP683 Streptococcus sanguinis (4.57%|1.65%|1.20%|2.89%)
SP23 Streptococcus anginosus (0.14%|0.58%|0.21%|0.19%)
SP467 Streptococcus intermedius (0.10%|0.16%|0.06%|0.12%)
SP479 Triticum aestivum (0.48%|0.10%|0.38%|0.02%)
SP187 Pinus sylvestris (20.50%|0.09%|0.04%|0.04%)
SP609 Veillonellaceae_[G-1] bacterium_HMT_155 (0.02%|0.07%|0.03%|0.02%)
SP130 Mitsuokella sp._HMT_521 (0.09%|0.01%|0.02%|0.02%)
SP246 Centipeda periodontii (0.02%|0.06%|0.03%|0.03%)
SP423 Selenomonas dianae (0.00%|0.14%|0.05%|0.02%)
SP613 Selenomonas noxia (0.06%|0.22%|0.10%|0.19%)
SP564 Selenomonas flueggei (0.02%|0.04%|0.01%|0.01%)
SP793 Dialister invisus (0.20%|0.54%|0.48%|1.05%)
SP732 Dialister pneumosintes (0.04%|0.19%|0.13%|0.41%)
SP669 Anaeroglobus geminatus (0.02%|0.16%|0.27%|1.92%)
SP878 Megasphaera micronuciformis (0.52%|0.62%|0.84%|0.25%)
SP168 Veillonella sp._HMT_780 (1.46%|1.93%|1.54%|1.35%)
SP200 Veillonella sp._HMT_917 (0.23%|0.25%|0.12%|0.15%)
SP411 Veillonella dispar (1.03%|1.49%|1.62%|1.36%)
SP449 Pseudoramibacter alactolyticus (0.00%|0.04%|0.02%|0.02%)
SP213 Parvimonas micra (0.10%|0.93%|0.35%|0.12%)
SP709 Peptoniphilaceae_[G-1] bacterium_HMT_113 (0.0%|0.03%|0.03%|0%)
SP597 Filifactor alocis (0.04%|0.54%|0.84%|0.11%)
SP735 Peptostreptococcus stomatis (0.07%|1.15%|1.27%|0.14%)
SP205 Clostridioides difficile (0%|0.03%|0.04%|0%)
SP242 Romboutsia timonensis (0.00%|0.03%|0.04%|0.00%)
SP1 Peptostreptococcaceae_[XI][G-5] [Eubacterium]_saphenum (0.03%|0.35%|0.49%|0.05%)
SP201 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_sulci (0.02%|0.31%|0.50%|0.05%)
SP853 Peptostreptococcaceae_[XI][G-1] [Eubacterium]_infirmum (0.04%|0.17%|0.09%|0.03
SP196 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.10%|0.33%|0.17%|0.07%
SP55 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (0.01%|0.05%|0.07%|0.01%)
SP149 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_nodatum (0.01%|0.06%|0.23
SP424 Peptostreptococcaceae_[XI][G-2] bacterium_HMT_091 (0.00%|0.05%|0.04%|0.00%
SP736 Mogibacterium timidum (0.01%|0.06%|0.07%|0.00%)
SP94 Ruminococcaceae_[G-2] bacterium_HMT_085 (0.24%|0.30%|0.20%|0.13%)
SP879 Ruminococcaceae_[G-1] bacterium_HMT_075 (0.16%|0.28%|0.25%|0.14%)
SP726 Lachnospiraceae_[G-8] bacterium_HMT_500 (0.01%|0.08%|0.16%|0.02%)
SP161 Catonella morbi (0.05%|0.16%|0.08%|0.02%)
SP123 Butyrivibrio sp._HMT_455 (0.01%|0.12%|0.08%|0.01%)
SP861 Butyrivibrio sp._HMT_080 (0.01%|0.04%|0.02%|0.04%)
SP382 Shuttleworthia satelles (0.06%|0.11%|0.07%|0.07%)
SP309 Stomatobaculum sp._HMT_097 (0.09%|0.58%|0.64%|0.09%)
SP120 Stomatobaculum longum (0.39%|0.64%|0.47%|0.41%)
SP14 Oribacterium sp._HMT_102 (0%|0.03%|0.04%|0%)
SP696 Oribacterium sp._HMT_078 (0.04%|0.21%|0.06%|0.07%)
SP514 Oribacterium sinus (0.37%|1.18%|0.29%|0.17%)
SP723 Oribacterium parvum (0.02%|0.16%|0.14%|0.01%)
SP267 Oribacterium asaccharolyticum (0.10%|0.37%|0.21%|0.06%)
SP559 Lachnospiraceae_[G-2] bacterium_HMT_096 (0.72%|0.79%|0.53%|0.32%)
SP157 Lachnoanaerobaculum saburreum (0.09%|0.17%|0.07%|0.15%)
SP451 Lachnoanaerobaculum orale (0.33%|0.79%|0.52%|0.33%)
SP833 Lachnospiraceae_[G-2] bacterium_HMT_088 (0.01%|0.04%|0.02%|0.04%)
SP209 Lachnospiraceae_[G-3] bacterium_HMT_100 (0.05%|0.31%|0.25%|0.05%)
SP316 Johnsonella sp._HMT_166 (0.00%|0.05%|0.05%|0.00%)
SP724 Campylobacter concisus (0.35%|0.51%|0.31%|0.32%)
SP557 Campylobacter gracilis (0.22%|0.41%|0.17%|0.12%)
SP743 Campylobacter sp._HMT_044 (0.02%|0.08%|0.13%|0.15%)
SP563 Desulfobulbus sp._HMT_041 (0%|0.04%|0.05%|0.01%)
SP4 Cardiobacterium valvarum (0.07%|0.05%|0.04%|0.07%)
SP245 Cardiobacterium hominis (0.09%|0.08%|0.07%|0.17%)
SP824 Haemophilus parainfluenzae (10.10%|11.41%|12.64%|10.05%)
SP133 Aggregatibacter actinomycetemcomitans (0.62%|0.12%|0.02%|0.19%)
SP810 Haemophilus parahaemolyticus (0.29%|0.37%|0.53%|0.77%)
SP284 Lautropia mirabilis (3.28%|2.42%|0.80%|4.26%)
SP124 Ottowia sp._HMT_894 (0.02%|0.03%|0.04%|0.01%)
SP9 Neisseria sp._HMT_018 (0.01%|0.04%|0.05%|0.04%)
SP585 Kingella oralis (0.31%|0.14%|0.11%|0.38%)
SP270 Neisseria oralis (2.04%|1.60%|1.07%|2.98%)
SP295 Eikenella corrodens (0.06%|0.14%|0.14%|0.05%)
SP551 Eikenella halliae (0.15%|0.18%|0.15%|0.27%)
SP24 Kingella sp._HMT_012 (0.16%|0.02%|0.03%|0.18%)
SP132 Fretibacterium sp._HMT_360 (0.01%|0.04%|0.05%|0.01%)
SP815 Fretibacterium fastidiosum (0.01%|0.10%|0.04%|0.01%)
SP520 Cryptobacterium curtum (0.01%|0.04%|0.01%|0.14%)
SP379 Atopobium sp._HMT_416 (0%|0.01%|0.00%|0.38%)
SP435 Atopobium sp._HMT_199 (0.03%|0.27%|0.13%|0.07%)
SP804 Corynebacterium durum (0.16%|0.25%|0.17%|0.35%)
SP596 Corynebacterium matruchotii (1.14%|0.30%|0.31%|2.55%)
SP561 Scardovia wiggsiae (0.07%|0.04%|0.10%|0.02%)
SP234 Rothia mucilaginosa (3.13%|9.14%|9.49%|8.75%)
SP733 Rothia aeria (0.65%|0.52%|0.47%|0.35%)
SP525 Rothia dentocariosa (2.18%|1.39%|1.32%|0.82%)
SP747 Peptidiphaga sp._HMT_183 (0.12%|0.05%|0.04%|0.10%)
SP778 Peptidiphaga gingivicola (0.29%|0.12%|0.06%|0.04%)
SP84 Actinomyces graevenitzii (0.14%|0.82%|0.70%|0.71%)
SP167 Schaalia lingnae_[Not_Validly_Published] (0.04%|0.25%|0.28%|0.13%)
SP691 Schaalia sp._HMT_172 (0.31%|1.44%|0.70%|0.36%)
SP422 Treponema lecithinolyticum (0.03%|0.12%|0.05%|0.05%)
SP56 Treponema socranskii (0.05%|0.21%|0.10%|0.17%)
SP28 Treponema sp._HMT_262 (0.05%|0.03%|0.07%|0.08%)
SP40 Treponema sp._HMT_257 (0.12%|0.12%|0.29%|0.06%)
SP135 Treponema amylovorum (0.06%|0.10%|0.09%|0.24%)
SP426 Treponema sp._HMT_238 (0.05%|0.05%|0.08%|0.05%)
SP117 Treponema sp._HMT_231 (0.02%|0.03%|0.02%|0.07%)
SP544 Treponema denticola (0.02%|0.31%|0.27%|0.10%)
SP195 Treponema sp._HMT_246 (0.04%|0.05%|0.06%|0.06%)
SP734 Treponema sp._HMT_951 (0.01%|0.04%|0.03%|0.00%)
SP247 Treponema sp._HMT_256 (0.00%|0.03%|0.05%|0.01%)
SP430 Bergeyella sp._HMT_206 (0.27%|0.11%|0.89%|0.63%)
SP538 Bergeyella sp._HMT_931 (0.03%|0.09%|0.08%|0.03%)
SP468 Bergeyella sp._HMT_907 (0.02%|0.03%|0.03%|0.03%)
SP27 Bergeyella sp._HMT_322 (0.13%|0.15%|0.24%|0.23%)
SP214 Capnocytophaga granulosa (0.12%|0.16%|0.15%|0.55%)
SP746 Capnocytophaga gingivalis (0.10%|0.09%|0.09%|0.09%)
SP169 Capnocytophaga sputigena (0.22%|0.08%|0.19%|0.32%)
SP58 Capnocytophaga sp._HMT_901 (0%|0.11%|0.02%|0.00%)
SP461 Capnocytophaga leadbetteri (0.16%|0.20%|0.19%|0.15%)
SP788 Capnocytophaga sp._HMT_332 (0.02%|0.03%|0.03%|0.06%)
SP82 Bacteroidetes_[G-5] bacterium_HMT_507 (0.01%|0.03%|0.03%|0.05%)
SP311 Bacteroidetes_[G-5] bacterium_HMT_511 (0.04%|0.08%|0.05%|0.02%)
SP155 Bacteroidetes_[G-5] bacterium_HMT_505 (0.04%|0.01%|0.04%|0.13%)
SP429 Bacteroidetes_[G-3] bacterium_HMT_280 (0.01%|0.04%|0.03%|0.01%)
SP619 Bacteroidales_[G-2] bacterium_HMT_274 (0.27%|0.39%|0.20%|0.05%
SP279 Tannerella serpentiformis (0.03%|0.05%|0.03%|0.03%)
SP188 Tannerella forsythia (0.02%|0.17%|0.17%|0.08%)
SP272 Porphyromonas gingivalis (0.01%|0.56%|1.02%|0.25%)
SP618 Porphyromonas sp._HMT_930 (1.52%|0.96%|1.02%|2.28%)
SP52 Alloprevotella tannerae (0.20%|0.45%|0.62%|1.29%)
SP817 Alloprevotella rava (0.19%|0.34%|0.50%|0.51%)
SP92 Alloprevotella sp._HMT_912 (0.07%|0.03%|0.04%|0.06%)
SP448 Alloprevotella sp._HMT_473 (1.86%|1.77%|3.32%|2.44%)
SP741 Alloprevotella sp._HMT_914 (0.03%|0.08%|0.31%|0.04%)
SP134 Alloprevotella sp._HMT_308 (0.25%|0.17%|0.54%|0.06%)
SP7 Prevotella sp._HMT_304 (0.00%|0.24%|0.19%|0.04%)
SP212 Prevotella micans (0.06%|0.07%|0.03%|0.03%)
SP428 Prevotella sp._HMT_942 (0.18%|0.24%|0.32%|0.11%)
SP568 Prevotella nanceiensis (0.19%|0.56%|0.68%|0.22%)
SP405 Prevotella saccharolytica (0.04%|0.02%|0.02%|0.02%)
SP299 Prevotella shahii (0.01%|0.09%|0.10%|0.02%)
SP314 Prevotella sp._HMT_317 (0.14%|0.06%|0.13%|0.15%)
SP465 Prevotella sp._HMT_472 (0.04%|0.02%|0.04%|0.03%)
SP57 Prevotella pleuritidis (0.13%|0.20%|0.21%|0.09%)
SP668 Prevotella koreensis (0.00%|0.05%|0.02%|0.01%)
SP275 Prevotella sp._HMT_526 (0.00%|0.05%|0.03%|0.01%)
SP203 Prevotella multisaccharivorax (0.00%|0.21%|0.02%|1.77%
SP90 Prevotella sp._HMT_300 (0.04%|0.03%|0.03%|0.04%)
SP114 Prevotella sp._HMT_305 (0.08%|0.04%|0.07%|0.03%)
SP260 Prevotella sp._HMT_443 (0.01%|0.22%|0.19%|0.03%)
SP692 Prevotella baroniae (0.02%|0.09%|0.15%|0.03%)
SP39 Prevotella sp._HMT_309 (0.10%|0.05%|0.07%|0.05%)
SP42 Prevotella oulorum (0.30%|0.16%|0.13%|0.18%)
SP238 Prevotella salivae (0.76%|1.01%|1.08%|0.52%)
SP13 Prevotella oris (0.28%|0.73%|0.75%|1.21%)
SP454 Prevotella maculosa (0.16%|0.06%|0.05%|0.05%)
SP671 Prevotella sp._HMT_396 (0.03%|0.03%|0.08%|0.01%)
SP764 Prevotella nigrescens (0.49%|0.26%|0.69%|3.25%)
SP126 Prevotella intermedia (0.04%|0.45%|1.42%|0.09%)
SP5 Prevotella pallens (0.38%|0.77%|1.38%|0.33%)
SP283 Prevotella aurantiaca (0.27%|0.16%|0.37%|0.01%)
SP154 Prevotella fusca (0.02%|0.04%|0.02%|0.07%)
SP202 Prevotella multiformis (0.11%|0.29%|0.05%|0.12%)
SP553 Prevotella denticola (0.07%|0.44%|0.27%|3.59%)
SP49 Prevotella melaninogenica (2.21%|2.61%|5.72%|1.37%)
SP87 Prevotella sp._HMT_313 (0.54%|0.67%|0.69%|0.44%)
SP281 Prevotella histicola (2.97%|1.91%|1.88%|1.34%)
SP86 Prevotella veroralis (0.24%|0.30%|0.12%|0.14%)
CHILD-NON-SHEDDER
ADULT-SHEDDER
ADULT-NON-SHEDDER
CHILD-SHEDDER
substitutions/site
0
0.25
0.5
0.75
1