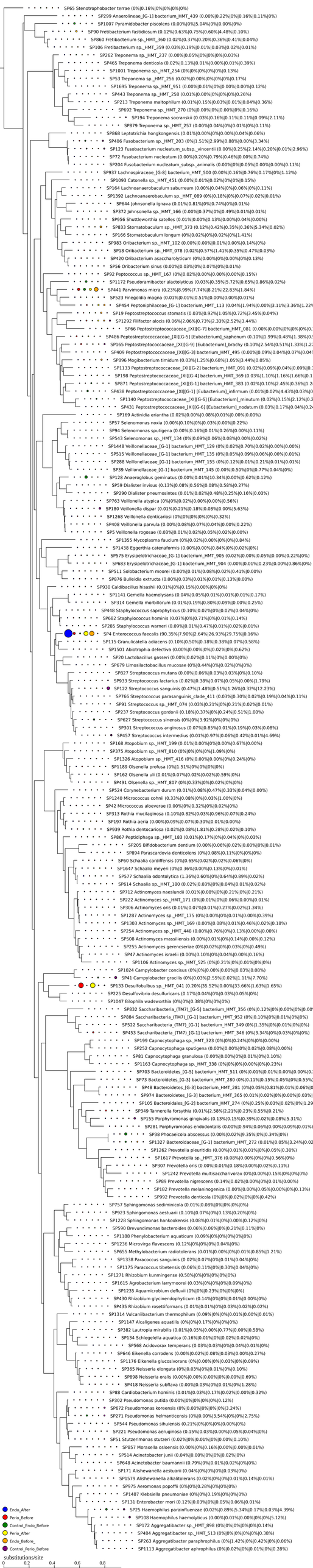
SP65 Stenotrophobacter terrae (0%|0.16%|0%|0%|0%|0%)
SP299 Anaerolineae_[G-1] bacterium_HMT_439 (0.00%|0.22%|0%|0.16%|0.11%|0%)
SP1007 Pyramidobacter piscolens (0.00%|0%|5.04%|0%|0.00%|0%)
SP90 Fretibacterium fastidiosum (0.12%|0.63%|0.75%|0.60%|4.48%|0.10%)
SP860 Fretibacterium_sp._HMT_360 (0.02%|0.37%|0.20%|0.36%|0.41%|0.04%)
SP106 Fretibacterium_sp._HMT_359 (0.03%|0.19%|0.01%|0.03%|0.02%|0.01%)
SP262 Treponema_sp._HMT_237 (0.00%|0.05%|0%|0%|0%|0.03%)
SP465 Treponema denticola (0.02%|0.13%|0.01%|0.00%|0.01%|0.39%)
SP1001 Treponema_sp._HMT_254 (0%|0%|0%|0%|0%|0.13%)
SP53 Treponema_sp._HMT_256 (0.02%|0.00%|0%|0%|0%|0.17%)
SP1695 Treponema_sp._HMT_951 (0.00%|0.01%|0%|0.00%|0.00%|0.12%)
SP443 Treponema_sp._HMT_258 (0.01%|0.00%|0%|0%|0%|0.26%)
SP213 Treponema maltophilum (0.01%|0.15%|0.03%|0.01%|0.04%|0.36%)
SP692 Treponema_sp._HMT_270 (0%|0.00%|0%|0.00%|0%|0.16%)
SP194 Treponema socranskii (0.03%|0.16%|0.11%|0.11%|0.09%|2.11%)
SP879 Treponema_sp._HMT_257 (0.00%|0.04%|0%|0.01%|0%|0.11%)
SP868 Leptotrichia hongkongensis (0.01%|0.00%|0%|0.00%|0.04%|0.06%)
SP406 Fusobacterium_sp._HMT_203 (0%|1.51%|2.99%|0.88%|0.00%|3.34%)
SP123 Fusobacterium nucleatum_subsp._vincentii (0.00%|0.25%|2.14%|0.20%|0.01%|2.96%)
SP272 Fusobacterium nucleatum (0.00%|0.20%|0.79%|0.46%|0.00%|0.74%)
SP204 Fusobacterium nucleatum_subsp._animalis (0.00%|0%|0.05%|0.00%|0.00%|0.11%)
SP937 Lachnospiraceae_[G-8] bacterium_HMT_500 (0.00%|0.16%|0.76%|0.17%|0%|1.12%)
SP1093 Catonella sp._HMT_451 (0.00%|0.01%|0.02%|0%|0%|0.15%)
SP164 Lachnoanaerobaculum saburreum (0.00%|0.04%|0%|0.06%|0%|0.11%)
SP1392 Lachnoanaerobaculum_sp._HMT_089 (0%|0.18%|0%|0.07%|0.02%|0.01%)
SP644 Johnsonella ignava (0.01%|0.81%|0%|0.74%|0%|0.21%)
SP372 Johnsonella_sp._HMT_166 (0.00%|0.37%|0%|0.49%|0.01%|0.01%)
SP956 Shuttleworthia satelles (0.01%|0.00%|0.13%|0.00%|0.04%|0.00%)
SP833 Stomatobaculum_sp._HMT_373 (0.12%|0.42%|0.35%|0.36%|5.34%|0.02%)
SP166 Stomatobaculum longum (0%|0.02%|0%|0.02%|0%|1.41%)
SP983 Oribacterium_sp._HMT_102 (0.00%|0.00%|0.01%|0.00%|0.14%|0%)
SP18 Oribacterium_sp._HMT_078 (0.02%|0.57%|1.41%|0.35%|0.47%|0.03%)
SP420 Oribacterium asaccharolyticum (0%|0.00%|0%|0.00%|0%|0.13%)
SP56 Oribacterium sinus (0.00%|0.03%|0%|0.07%|0%|0.01%)
SP92 Peptococcus_sp._HMT_167 (0%|0.02%|0.00%|0.00%|0.00%|0.15%)
SP1172 Pseudoramibacter alactolyticus (0.03%|0.35%|5.72%|0.65%|0.86%|0.02%)
SP441 Parvimonas micra (0.23%|8.99%|7.74%|8.21%|22.83%|1.84%)
SP523 Finegoldia magna (0.01%|0.01%|0.51%|0.00%|0.01%|0.01%)
SP454 Peptoniphilaceae_[G-1] bacterium_HMT_113 (0.04%|1.94%|0.00%|3.11%|3.36%|1.22%)
SP19 Peptostreptococcus stomatis (0.03%|0.92%|1.05%|0.72%|3.45%|0.04%)
SP1292 Filifactor alocis (0.06%|2.06%|0.73%|2.33%|2.52%|3.44%)
SP66 Peptostreptococcaceae_[XI][G-7] bacterium_HMT_081 (0.00%|0.00%|0%|0%|0%|0.
SP486 Peptostreptococcaceae_[XI][G-5] [Eubacterium]_saphenum (0.10%|1.99%|0.48%|1.38%|0.
SP165 Peptostreptococcaceae_[XI][G-9] [Eubacterium]_brachy (0.10%|2.54%|0.51%|1.33%|1.27
SP409 Peptostreptococcaceae_[XI][G-3] bacterium_HMT_495 (0.00%|0.09%|0.04%|0.07%|0.04%
SP896 Mogibacterium timidum (0.03%|1.25%|0.68%|1.05%|3.44%|0.05%)
SP1133 Peptostreptococcaceae_[XI][G-2] bacterium_HMT_091 (0.02%|0.09%|0.04%|0.09%|0.
SP198 Peptostreptococcaceae_[XI][G-4] bacterium_HMT_369 (0.03%|1.10%|1.16%|1.66%|0.1
SP871 Peptostreptococcaceae_[XI][G-1] bacterium_HMT_383 (0.02%|0.10%|2.45%|0.36%|1.2
SP438 Peptostreptococcaceae_[XI][G-11] [Eubacterium]_infirmum (0.01%|0.02%|4.43%|0.03%|0
SP1140 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_minutum (0.02%|0.15%|2.12%|0.2
SP431 Peptostreptococcaceae_[XI][G-6] [Eubacterium]_nodatum (0.03%|0.17%|0.04%|0.2
SP169 Actinidia eriantha (0.02%|0.00%|0.08%|0.01%|0.00%|0.00%)
SP57 Selenomonas noxia (0.00%|0.10%|0%|0.03%|0.00%|0.22%)
SP94 Selenomonas sputigena (0.00%|0.16%|0.01%|0.26%|0.00%|0.11%)
SP543 Selenomonas_sp._HMT_134 (0%|0.09%|0.06%|0.08%|0.00%|0.02%)
SP1448 Veillonellaceae_[G-1] bacterium_HMT_129 (0%|0.02%|0.70%|0.02%|0.00%|0.00%)
SP515 Veillonellaceae_[G-1] bacterium_HMT_135 (0%|0.05%|0.09%|0.06%|0.00%|0.01%)
SP288 Veillonellaceae_[G-1] bacterium_HMT_155 (0%|0.12%|0.01%|0.21%|0.01%|0.01%)
SP39 Veillonellaceae_[G-1] bacterium_HMT_145 (0.00%|0.00%|0.50%|0%|0.77%|0.04%|0%)
SP128 Anaeroglobus geminatus (0.00%|0.01%|0.34%|0.00%|0.62%|0.12%)
SP59 Dialister invisus (0.13%|0.08%|0.56%|0.08%|0.58%|0.27%)
SP290 Dialister pneumosintes (0.01%|0.02%|0.48%|0.25%|0.16%|0.03%)
SP763 Veillonella atypica (0%|0%|0.02%|0.00%|0.00%|0.56%)
SP180 Veillonella dispar (0.01%|0.21%|0.18%|0.08%|0.00%|5.63%)
SP1268 Veillonella denticaniosi (0%|0%|0%|0%|0%|0.32%)
SP408 Veillonella parvula (0.00%|0.08%|0.07%|0.04%|0.00%|0.22%)
SP5 Veillonella rogosae (0.03%|0.01%|0.02%|0.05%|0.02%|0.00%)
SP1355 Mycoplasma faucium (0%|0.02%|0.00%|0%|0%|0.84%)
SP1438 Eggerthia catenaformis (0.00%|0.00%|0.84%|0%|0.02%|0%)
SP575 Erysipelotrichaceae_[G-1] bacterium_HMT_905 (0.02%|0.00%|0.05%|0.00%|0.22%|0%)
SP683 Erysipelotrichaceae_[G-1] bacterium_HMT_904 (0.00%|0.01%|0.23%|0.00%|0.86%|0%)
SP511 Solobacterium moorei (0.00%|0.01%|0.08%|0.02%|0.41%|0.00%)
SP876 Bulleidia extructa (0.00%|0.03%|0.01%|0.01%|0.13%|0.00%)
SP930 Caloramator_sp._HMT_019 (0.01%|0%|0.15%|0.00%|0.00%|0.00%)
SP1141 Gemella haemolysans (0.04%|0.05%|0.01%|0.01%|0.01%|0.17%)
SP314 Gemella morbillorum (0.01%|0.19%|0.80%|0.09%|0.00%|0.25%)
SP448 Staphylococcus saprophyticus (0.10%|0.02%|0%|0.02%|0.04%|0%)
SP682 Staphylococcus hominis (0.07%|0%|0.71%|0%|0.01%|0.14%)
SP285 Staphylococcus warneri (0.09%|0.01%|0.47%|0.01%|0.02%|0.01%)
SP4 Enterococcus faecalis (90.35%|7.90%|2.64%|26.93%|29.75%|0.16%)
SP115 Granulicatella adiacens (0.10%|0.50%|0.18%|0.38%|0.07%|0.58%)
SP1501 Abiotrophia defectiva (0.00%|0.00%|0%|0.02%|0%|0.62%)
SP20 Lactobacillus gasseri (0.00%|0.02%|0.11%|0%|0.00%|0%)
SP679 Limosilactobacillus mucosae (0%|0.44%|0%|0.02%|0%|0%)
SP827 Streptococcus mutans (0.00%|0.06%|0.03%|0.03%|0%|0.10%)
SP933 Streptococcus lactarius (0.02%|0.38%|0.07%|0.05%|0.00%|1.79%)
SP122 Streptococcus sanguinis (0.47%|1.48%|0.51%|1.26%|0.32%|12.23%)
SP766 Streptococcus parasanguinis_clade_411 (0.03%|0.30%|0.02%|0.19%|0.04%|0.11%)
SP91 Streptococcus_sp._HMT_074 (0.03%|0.21%|0%|0.21%|0.02%|0.01%)
SP237 Streptococcus gordonii (0.18%|0.37%|0%|0.24%|0.51%|1.00%)
SP627 Streptococcus sinensis (0%|0%|3.92%|0%|0%|0%)
SP301 Streptococcus anginosus (0.07%|0.85%|0.01%|0.19%|0.03%|0.08%)
SP457 Streptococcus intermedius (0.01%|0.97%|0.06%|0.42%|0.01%|4.69%)
SP168 Atopobium_sp._HMT_199 (0.01%|0.00%|0%|0.00%|0.67%|0.00%)
SP375 Atopobium_sp._HMT_810 (0%|0%|0%|0%|1.09%|0%)
SP1326 Atopobium_sp._HMT_416 (0%|0.00%|0.00%|0%|0.24%|0%)
SP1189 Olsenella profusa (0%|1.51%|0%|0%|0%|0%)
SP162 Olsenella uli (0.01%|0.07%|0.02%|0.02%|0.09%|0%)
SP491 Olsenella_sp._HMT_807 (0%|0.33%|0%|0.02%|0%|0%)
SP524 Corynebacterium durum (0.01%|0.08%|0.47%|0.33%|0.04%|0.00%)
SP1240 Micrococcus cohnii (0.33%|0.08%|0%|0.03%|1.00%|0%)
SP42 Micrococcus aloeverae (0.00%|0%|0.32%|0%|0.02%|0%)
SP313 Rothia mucilaginosa (0.10%|0.82%|0.03%|0.96%|0.07%|0.24%)
SP197 Rothia aeria (0.00%|0.09%|0.07%|0.30%|0.01%|0.00%)
SP939 Rothia dentocariosa (0.02%|0.08%|1.81%|0.28%|0.02%|0.10%)
SP867 Peptidiphaga_sp._HMT_183 (0.01%|0.17%|0%|0.04%|0%|0.03%)
SP205 Bifidobacterium dentium (0.00%|0.06%|0.02%|0.00%|0%|0.01%)
SP894 Parascardovia denticolens (0%|0.08%|0.11%|0%|0%|0%)
SP60 Schaalia cardiffensis (0%|0.65%|0.02%|0.02%|0.06%|0%)
SP1647 Schaalia meyeri (0.00%|0.36%|0.00%|0.13%|0.00%|0.01%)
SP577 Schaalia odontolytica (1.36%|0.60%|0%|0.64%|0.89%|0.02%)
SP614 Schaalia_sp._HMT_180 (0.02%|0.03%|0%|0.04%|0.01%|0.02%)
SP712 Actinomyces naeslundii (0.01%|0.08%|0%|0.21%|0%|0.21%)
SP222 Actinomyces_sp._HMT_171 (0%|0.01%|0%|0.06%|0.00%|0.01%)
SP306 Actinomyces oris (0.01%|0.07%|0.01%|0.27%|0.02%|1.34%)
SP1287 Actinomyces_sp._HMT_175 (0%|0.00%|0%|0.01%|0.00%|0.39%)
SP1303 Actinomyces_sp._HMT_169 (0.00%|0.08%|0.01%|0.46%|0.02%|0.18%)
SP254 Actinomyces_sp._HMT_448 (0.00%|0.76%|0%|0.13%|0.00%|0.00%)
SP508 Actinomyces massiliensis (0.00%|0.01%|0%|0.14%|0.00%|0.12%)
SP255 Actinomyces georgeae (0%|0.02%|0%|0.03%|0%|0.49%)
SP47 Actinomyces israelii (0.00%|0.10%|0%|0.04%|0.00%|0.16%)
SP1106 Actinomyces_sp._HMT_525 (0%|0.21%|0%|0.01%|0%|0%)
SP1024 Campylobacter concisus (0%|0%|0.00%|0.00%|0.03%|0.08%)
SP41 Campylobacter gracilis (0%|0.03%|2.55%|0.02%|1.11%|7.70%)
SP133 Desulfobulbus_sp._HMT_041 (0.20%|35.52%|0.00%|3.63%|1.63%|1.65%)
SP225 Desulfovibrio desulfuricans (0.17%|0.04%|0%|0.03%|0.05%|0%)
SP1047 Bilophila wadsworthia (0%|0%|0.38%|0%|0%|0%)
SP832 Saccharibacteria_(TM7)_[G-5] bacterium_HMT_356 (0%|0.12%|0%|0.00%|0%|0.00
SP884 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_952 (0%|0.10%|0%|0.01%|0%|0%)
SP522 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_349 (0%|1.35%|0%|0.01%|0%|0%)
SP453 Saccharibacteria_(TM7)_[G-1] bacterium_HMT_346 (0%|3.34%|0%|0.03%|0%|0%)
SP199 Capnocytophaga_sp._HMT_323 (0%|0%|0.24%|0%|0%|0.00%)
SP252 Capnocytophaga sputigena (0.00%|0.00%|0%|0.02%|0.08%|0.00%)
SP81 Capnocytophaga granulosa (0.00%|0.00%|0%|0.01%|0%|0.10%)
SP1163 Capnocytophaga_sp._HMT_338 (0.00%|0%|0%|0%|0%|0.23%)
SP703 Bacteroidetes_[G-5] bacterium_HMT_511 (0%|0.01%|0.01%|0.00%|0.00%|0.
SP73 Bacteroidetes_[G-3] bacterium_HMT_280 (0%|0.11%|0.15%|0.05%|0%|0.55%)
SP48 Bacteroidetes_[G-3] bacterium_HMT_281 (0%|0.05%|0.81%|0.01%|0.06%|0
SP974 Bacteroidetes_[G-3] bacterium_HMT_365 (0.01%|0.02%|0%|0.00%|0.03%|
SP105 Bacteroidales_[G-2] bacterium_HMT_274 (0%|0.25%|0.03%|0.02%|0%|1.29
SP349 Tannerella forsythia (0.01%|2.58%|2.21%|0.23%|0.55%|0.21%)
SP155 Porphyromonas gingivalis (0.13%|0.15%|0.39%|0.02%|0.08%|5.31%)
SP281 Porphyromonas endodontalis (0.00%|0.94%|0.06%|0.00%|0.09%|0.01%)
SP38 Phocaeicola abscessus (0.00%|0.02%|9.35%|0%|0.34%|0%)
SP1327 Bacteroidaceae_[G-1] bacterium_HMT_272 (0.01%|0.05%|3.24%|0.02
SP1262 Prevotella pleuritidis (0.00%|0.01%|0.01%|0%|0.05%|0.30%)
SP1617 Prevotella_sp._HMT_376 (0.08%|0.00%|0%|0%|0%|0.56%|0%)
SP307 Prevotella oris (0.00%|0.01%|0.18%|0.00%|0.02%|0.11%)
SP1242 Prevotella multisaccharivorax (0.00%|0.15%|0%|0%|0%)
SP89 Prevotella nigrescens (0.14%|0.02%|0.00%|0%|0.01%|0.00%)
SP182 Prevotella melaninogenica (0.00%|0.00%|0.05%|0.00%|0%|0.13%)
SP992 Prevotella denticola (0%|0%|0.02%|0%|0%|0.42%)
SP757 Sphingomonas sediminicola (0.01%|0.08%|0%|0%|0%|0%)
SP923 Sphingomonas aestuarii (0.10%|0.07%|0%|0.13%|0.20%|0%)
SP1228 Sphingomonas hankookensis (0.08%|0.01%|0%|0.00%|0.12%|0%)
SP590 Brevundimonas bacteroides (0.06%|0.06%|0%|0.21%|0.11%|0%)
SP1188 Phenylobacterium aquaticum (0.09%|0%|0%|0%|0%|0%)
SP1236 Microvirga flavescens (0.12%|0%|0%|0%|0.04%|0%)
SP655 Methylobacterium radiotolerans (0.01%|0.00%|0%|0.01%|0.85%|1.21%)
SP1338 Paracoccus sanguinis (0.02%|0.07%|0%|0.01%|0.04%|0%)
SP1175 Paracoccus tibetensis (0.06%|0.11%|0%|0.30%|0.04%|0%)
SP1271 Rhizobium kunmingense (0.58%|0%|0%|0%|0%|0%)
SP1615 Agrobacterium larrymoorei (0.03%|0%|0%|0%|0.09%|0%)
SP1235 Aquamicrobium defluvii (0%|0%|0.23%|0%|0%|0%)
SP430 Rhizobium glycinendophyticum (0.14%|0%|0%|0.01%|0.00%|0%)
SP435 Rhizobium rosettiformans (0.01%|0.01%|0%|0.03%|0.02%|0.02%)
SP1314 Vulcaniibacterium thermophilum (0.09%|0%|0%|0.01%|0.00%|0.01%)
SP1147 Alcaligenes aquatilis (0%|0%|0.17%|0%|0%|0%)
SP382 Lautropia mirabilis (0.01%|0.05%|0.00%|0.77%|0.00%|0.58%)
SP134 Schlegelella aquatica (0.16%|0.01%|0%|0.02%|0.02%|0%)
SP568 Acidovorax temperans (0.03%|0.03%|0.04%|0.04%|0.01%|0%)
SP646 Eikenella corrodens (0.00%|0.02%|0.08%|0.03%|0.00%|0.27%)
SP1176 Eikenella glucosivorans (0%|0.00%|0%|0.03%|0%|0.09%)
SP365 Neisseria elongata (0%|0.03%|0%|0.01%|0%|0.10%)
SP898 Neisseria oralis (0.00%|0.00%|0.00%|0%|0.00%|0.69%)
SP418 Neisseria subflava (0.00%|0.03%|0%|0.01%|0%|1.28%)
SP88 Cardiobacterium hominis (0.01%|0.03%|0.17%|0.02%|0.00%|0.32%)
SP302 Pseudomonas putida (0.00%|0%|0%|0%|0%|0.12%)
SP672 Pseudomonas koreensis (0%|0.00%|0%|0%|0%|3.24%)
SP271 Pseudomonas helmanticensis (0%|0.00%|3.54%|0%|0%|2.75%)
SP544 Pseudomonas sihuiensis (0.21%|0%|0%|0%|0.00%|0%)
SP221 Pseudomonas aeruginosa (0.15%|0.03%|0.00%|0.05%|0.04%|0%)
SP51 Stutzerimonas stutzeri (0.02%|0%|0%|0.01%|0%|0.10%)
SP857 Moraxella osloensis (0.00%|0.06%|0.00%|0.00%|0.01%)
SP514 Acinetobacter junii (0.04%|0.00%|0%|0.02%|0%)
SP648 Acinetobacter baumannii (0.79%|0%|0.01%|0.02%|0%|0%)
SP171 Alishewanella aestuarii (0.04%|0%|0%|0%|0.03%|0%)
SP1579 Alishewanella alkalitolerans (0.02%|0%|0%|0.01%|0.14%|0.01%)
SP975 Aeromonas popoffii (0%|0%|0.28%|0%|0%|0%)
SP1487 Klebsiella pneumoniae (0%|0%|0.19%|0%|0%|0%)
SP131 Enterobacter mori (0.12%|0.03%|0%|0.05%|0.06%|0.01%)
SP25 Haemophilus parainfluenzae (0.02%|0.89%|5.34%|0.17%|0.03%|4.39%)
SP108 Haemophilus haemolyticus (0.00%|0.01%|0.00%|0%|0%|0.12%)
SP172 Aggregatibacter_sp._HMT_898 (0%|0%|0%|0%|0%|0.14%)
SP484 Aggregatibacter_sp._HMT_513 (0%|0%|0%|0%|0%|0.38%)
SP263 Aggregatibacter paraphrophilus (0%|1.42%|0%|0.42%|0%|0.06%)
SP1113 Aggregatibacter aphrophilus (0%|0.02%|0%|0.01%|0%|0.28%)
Endo_After
Perio_Before
Control_Endo_Before
Perio_After
Endo_Before_
Control_Perio_Before
substitutions/site
0.2
0.4
0.6
0.8